RENOVATION AND EXPANSION OF

DAYTON CONVENTION AND EXHIBITION CENTER

FIFTH AND MAIN STREETS
DAYTON, OHIO

ARCHITECT

LEVIN · PORTER · ASSOCIATES · INC.

24 N. JEFFERSON ST.
DAYTON, OHIO

INDEX

6-9-86

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APPROVED FOR THE CITY OF DAYTON

BY _____ DATE 6/2/86
CITY MANAGER

BY _____ DATE 6-2-86
DIRECTOR, DEPARTMENT OF URBAN DEVELOPMENT

BY _____ DATE 6-2-86
DIRECTOR, CONVENTION CENTER

BY _____ DATE 6/6
CITY ENGINEER

FIFTH STREET

NOTE: SEE SHT. A2 FOR ADDITIONAL INFO. IN THIS AREA

EXIST'G SKYWALK

T.O.P. 184'-8"

T.O.P. 182'-8"

T.O.P. 159'-2"

T.O.P. 152'-8"

T.O.P. 150'-8"

T.O.P. 159'-2"

T.O.P. 152'-8"

T.O.P. 195'-4"

SEE SHEET A1.1 FOR ADDITIONAL INFO ON THIS AREA

T.O.P. 159'-2"

T.O.P. 159'-2"

ROOF VENT SEE MECH DRWGS. TYP.

RELIEF SCUPPER

INDICATES SLOPE DIR. TYP.

ROOF DRAIN (TYP.)

ROOF VENT

SEE SHEET FOR CONTINUATION OF PAVING

T.O.P. 159'-2"

RELIEF SCUPPER

EXISTING ROOF

RELIEF SCUPPER SEE DET. 8/A3E TYP.

ROOF LADDER SEE DET. 1/A1

T.O.P. 152'-8"

20'-0"

T.O.P. 159'-2"

SKYLIGHT #1

SMOKE EVAC. AIR HANDLER

T.O.P. 176'-7"

INDICATES LAYOUT OF WALKWAY TREADS SEE SPEC. SECT. 07900

COMPASSSORS BY FOOD SERVICE CONTRACTOR

EXISTING ROOF

SKYLIGHT #2

EXISTING LIGHT BOLLARDS TO REMAIN

EXIST'G CONC. PAVING TO REMAIN

EXISTING TREE W/ GRATE TO REMAIN

TREE GRATE TYP. PER CITY OF DAYTON STANDARDS

RELOCATE EXT. LIGHT FIXTURES AS SHOWN

INFILL EXIST'G PLANTERS W/ CONCRETE SLAB AS SHOWN. INSTALL TREE GRATES AROUND EXIST'G TREES.

T.O.P. 140'-8"

20'-0"

T.O.P. 140'-8"

REMOVE EXIST'G PAVING THIS AREA

T.O.P. 132'-8"

RELOCATE EXIST'G BENCHES AS DIRECTED BY ARCHITECT

T.O.P. 124'-8"

MAIN STREET

GENERAL NOTES:

- REMOVE ALL BRICK PAVERS WHICH IS NOT CONC. TOPPING.
- VERIFY LOCATIONS OF ALL EXIST'G TREES, PLANTING AREAS, LIGHTING FIXTURES, ETC.

REMOVE EXIST'G PAVING THIS AREA.

EXIST'G CONCRETE PAVING TO REMAIN

ALTERNATE #1 CONDITION SHOWN. SEE DRAWING G/A1 FOR BASE BID CONDITION

⚠ REFER TO DETAILS R/A-18 AND R/A-19, DWG. A60, FOR REVISED DETAILS

REMOVE EX. RETAINING WALL

ALTERNATE #G-1 BASE BID

T.O.P. 124'-8"

T.O.P. 124'-8"

104.82' N 79°20'56" E

89°47'20"

NOTE: SEE SHEET A2 FOR ADDITIONAL INFO. IN THIS AREA

20'-0"

EXISTING ROOF

NOTE: SHADED AREAS INDICATE TAPERED INSULATION, TYP.

T.O.P. 124'-8"

TAPERED INSULATION

6 A1 BASE BID CONDITION
1":20'-0"

40°04'52"

176'-8"

1 1/2" INSUL. WALL SYSTEM ON GYP. SHEATHING ON 3 5/8" STL. STUDS

CUT DOWN CONC. WALL AS REQ'D AT ROUND CORNER

7 A1 PARAPET CORNER DET. (AT COOLING TOWER)
N.T.S.

START OF RADIUS CORNER

OVERLAP EXIST'G FLASHING

CUT DOWN EXIST'G CONC. SILL & FLASHING

1 1/2" INSUL. WALL SYS. ON GYP. SHEATHING ON 3 5/8" STL. STUDS

RUN MEMBRANE UP BEHIND WALL SYS.

FULLY ADHERED ROOF MEMBRANE ON 3/4" PLYWOOD

START STOP

MIN. 2 LAYERS OF ROOFING FELTS IN HOT STEEP ASPHALT OVER ROOF MEMBRANE SET IN HOT STEEP ASPHALT

PARAPET CORNER DETAIL
N.T.S.

JEFFERSON STREET

ALTERNATE #G-1 BASE BID

221.31' M&D R=1672.64'

SIXTH STREET

610°46'44"

1 A1 SITE / ROOF PLAN
1" = 20'-0"

1 1/2" PIPE COL. EACH SIDE, CAP END

7/8" Ø x 2'-0" STL. PIPE RUNGS WELDED SECURELY TO RAILS

6"x6"x 1/2" L- 4'-0" O.C. WELD TO SIDE RAILS BOLT TO 3" SOLID WOOD BLOCKING IN WALL W/ 3/4" Ø BOLTS-2 PER ANGLE

1'-0" DIAMETER

152'-8"

3'-0"

12" TYP.

84°54'00"

11'-8"

1'-0"

EXISTING ROOF

1 A1 ROOF LADDER
1" : 1'-0"

1/2" PIPE RAIL ENTIRE LENGTH OF RETAINING WALL
PROVIDE POSTS AT 6'-0" O.C.

GROUT PIPE IN CONCRETE

FINISH GRADE

SEE STRUCTURAL DRAWINGS FOR RETAINING WALL DESIGN

42"

21"

6"

2 A1 PIPE RAIL DETAIL
3/4" : 1'-0"

6" Ø STL. PIPE FILLED W/ CONC., TOP ROUNDED - PAINT PER SPECS.

CONC. BASE AT NEW CONC.

3'-6"

6"

9" 6" 9"

2'-0"

3 A1 TYP. BOLLARD DTLS.
3/4" : 1'-0"

⚠ REFER TO DRWG. R/A-17, DWG. A50, FOR REVISED DETAIL

SLOPE TOP @ 1"/1'-0"

1/2" CONTINUOUS REVEAL

RECESSED LIGHT FIXTURE SEE ELEC'L DRWGS.

45° SPLAY - PAINT

CONCRETE BOLLARD W/ SANDBLASTED FINISH - CONTINUE 12" BELOW GRADE

GRADE

45° SPLAY 12" Ø CONCRETE LIGHT FIXTURE (CAST-IN-PLACE)

4'-0"

1'-8"

5"

3/4" R. TYP.

12"

4 A1 CONCRETE BOLLARD
1 1/2" : 1'-0"

ASPHALTIC PAVING

5'-0" x DOOR WIDTH + 1'-0"

BUILDING SLAB

1/2" COMPRESSABLE FILLER

3'-0"

#5 REBARS - 4' LONG AT 12" O.C.

WWF

#5 BAR CONT. AT TOP AND BOTTOM

6"

5 A1 CONC. APRON DETAIL
1 1/2" : 1'-0"

STATE OF OHIO
LEVIN PORTER ASSOC.
REGISTERED ARCHITECTS

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6-9-86

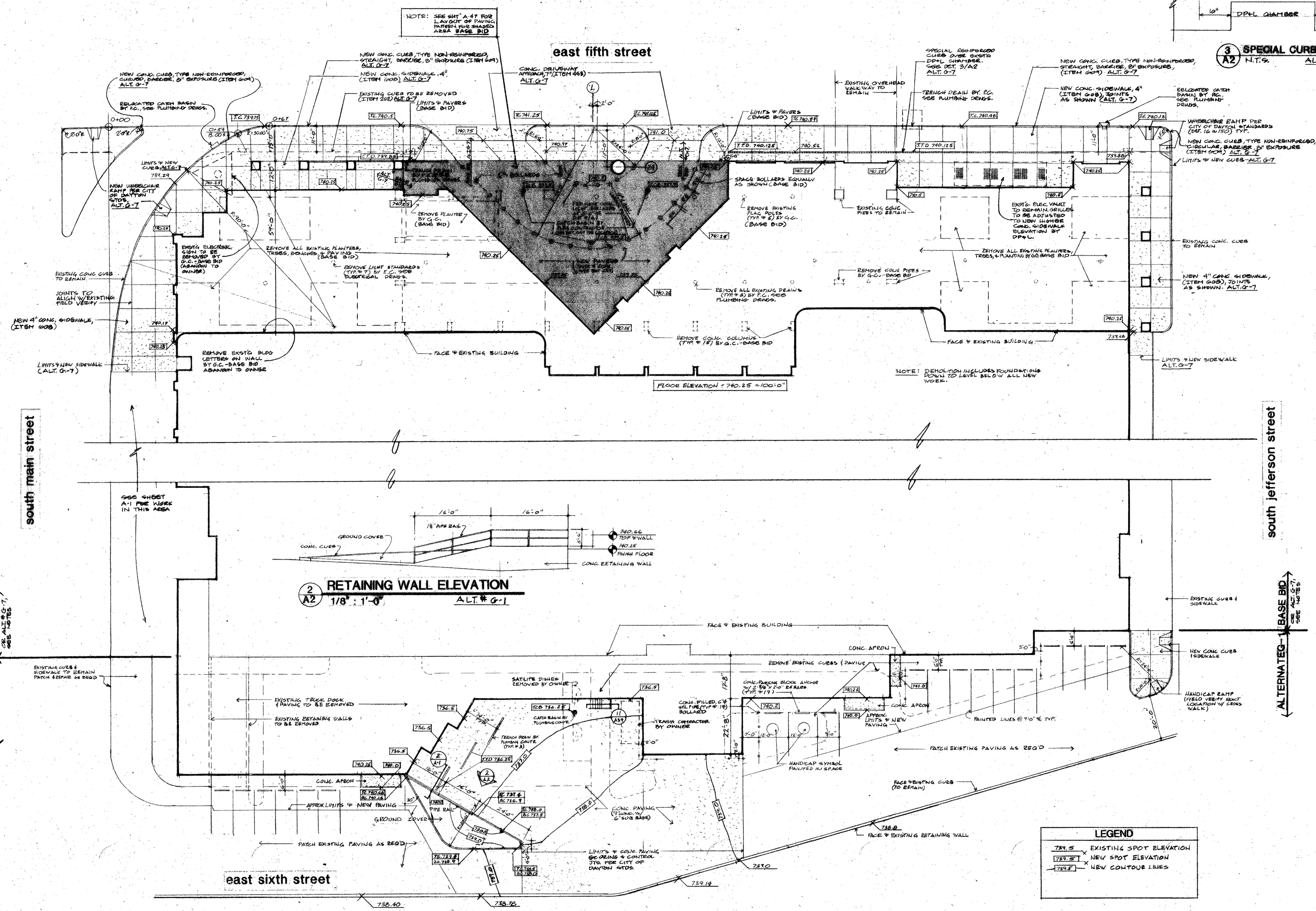
REVISIONS
⚠ 11-1-86 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE · PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224-1931

DATE JUNE 6, 1986
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57411.00

A 1



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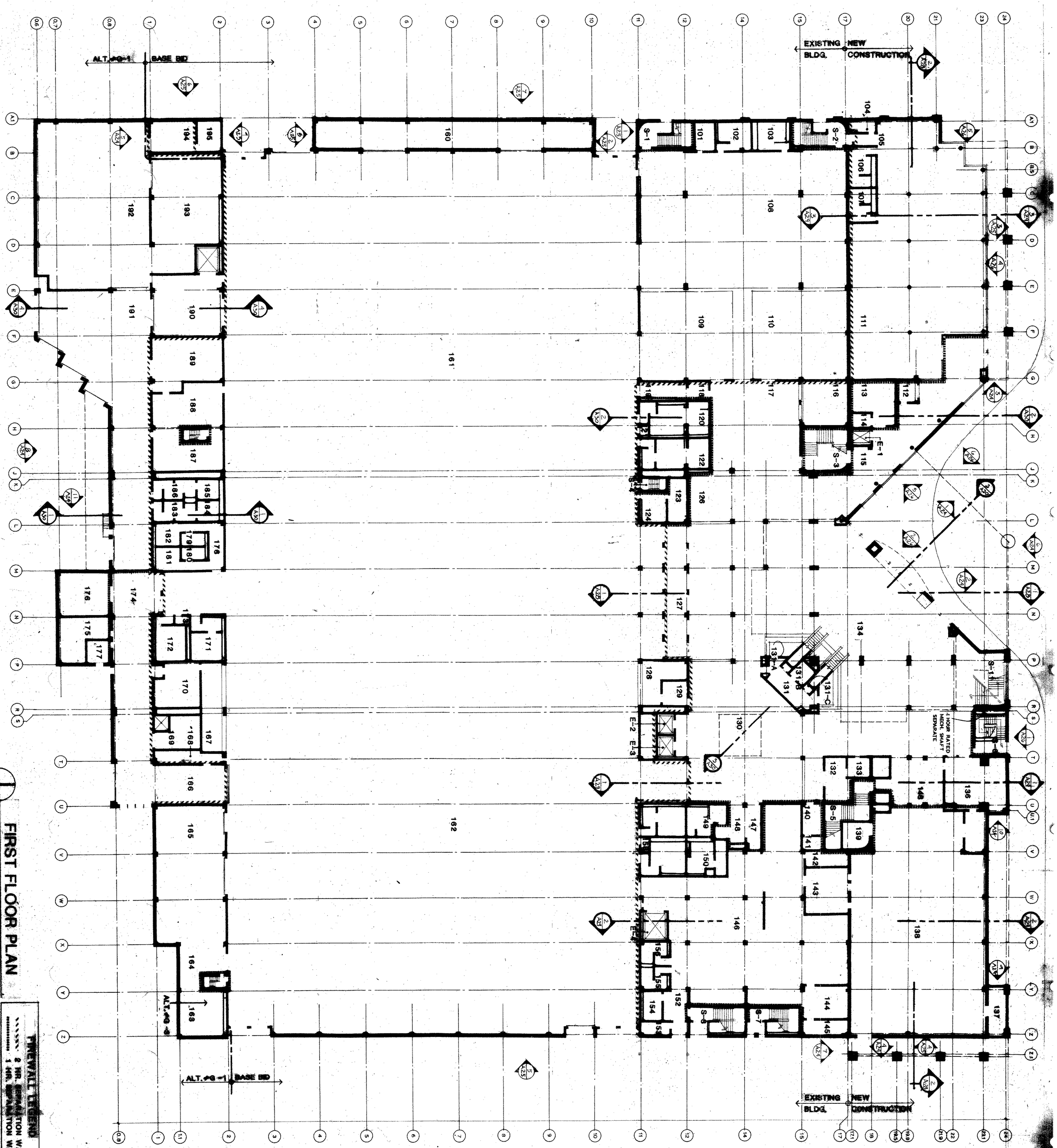
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DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224-1500

DATE JUNE 6, 1986
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A 2



FIRST FLOOR PLAN

1/16" = 1'-0"

FIREWALL LEGEND

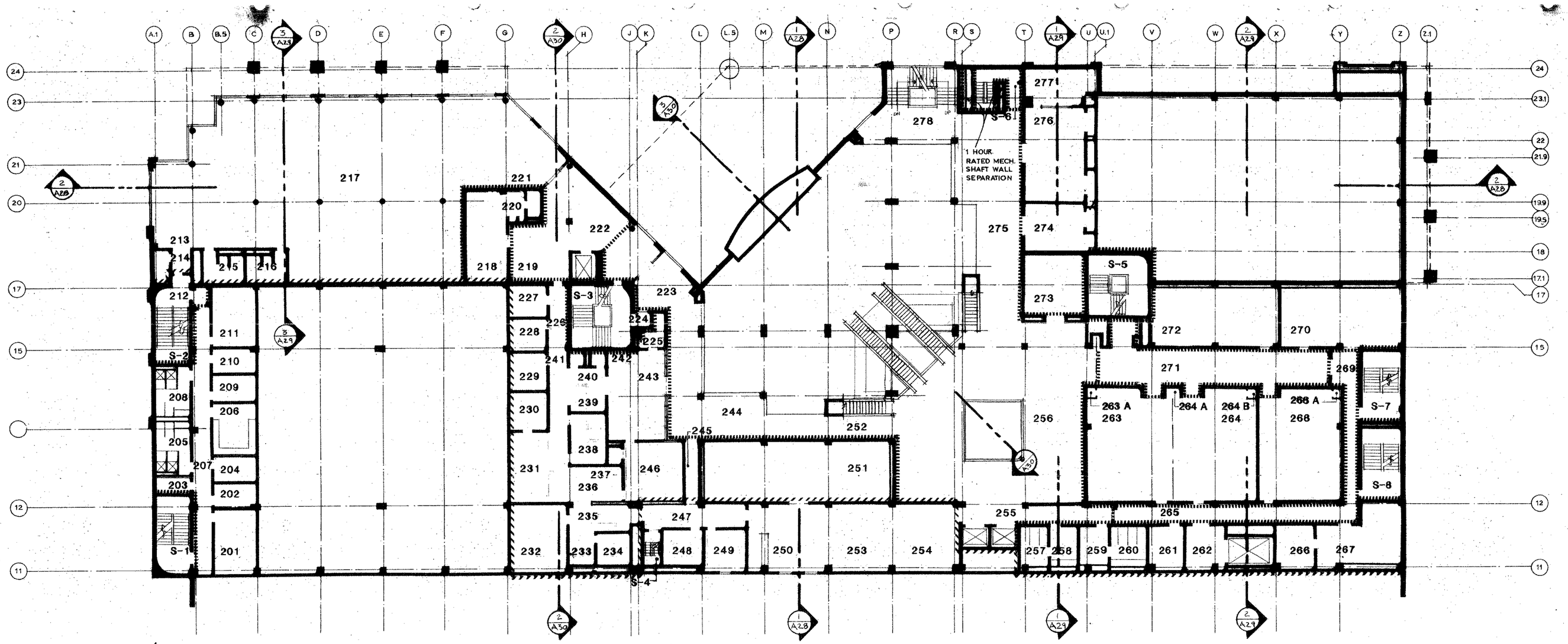
2 HR. SEPARATION WALL

1 HR. SEPARATION WALL

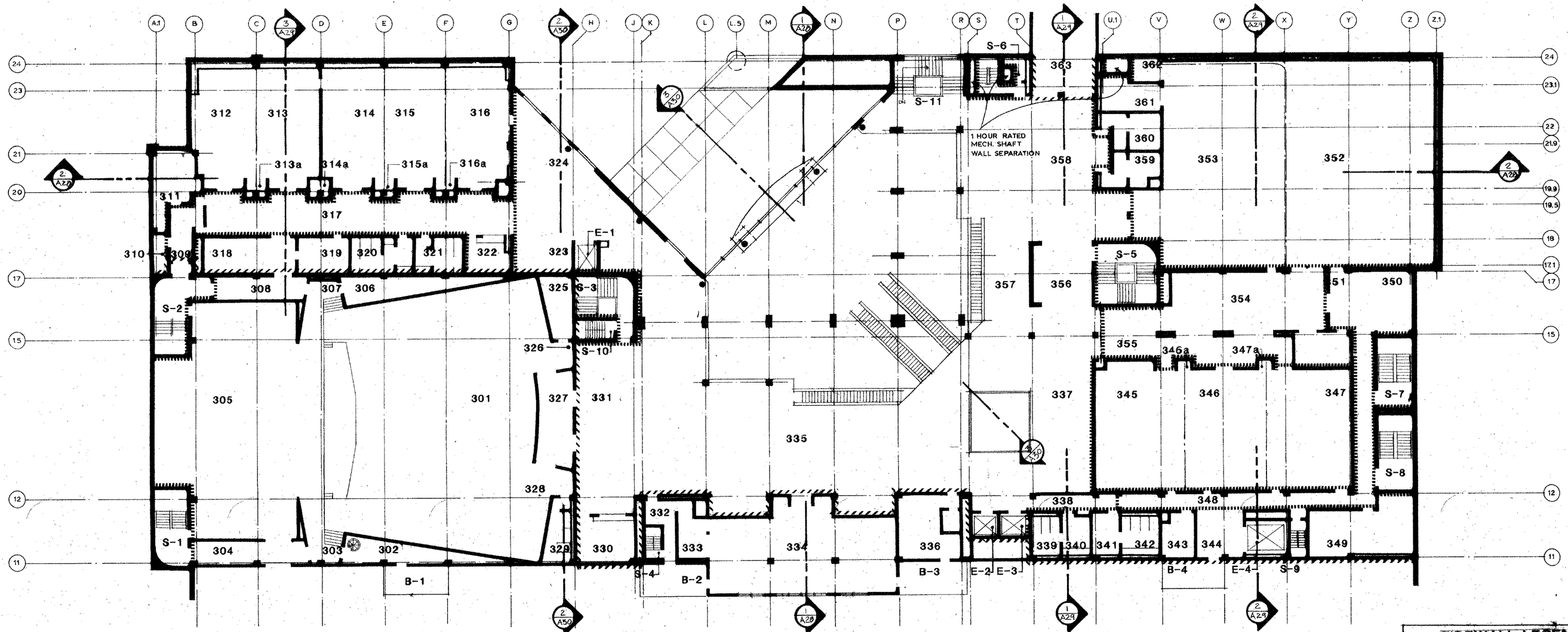
PLAN KEY

[redacted]

A 3	
DATE JUNE 9, 1986	LEVIN · PORTER · ASSOCIATES · INC
DRAWN BY	ARCHITECTURE PLANNING
CHECKED BY	24 North Jefferson Street, Dayton, Ohio 45402 (513) 224-1100
PROJECT NO. 87411.00	RENOVATION AND EXPANSION OF DAYTON CONVENTION CENTER, FIFTH AND MAIN STREETS, DAYTON, OHIO
	REVISIONS: △ No RECORD DRG. REVISIONS THIS SHEET
	PRINTING 6·9·86
	STATE OF OHIO REGISTERED ARCHITECT

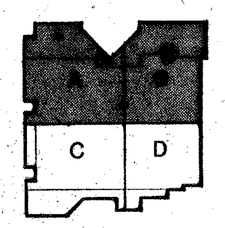


SECOND FLOOR PLAN
1/16" = 1'-0"



THIRD FLOOR PLAN
1/16" = 1'-0"

FIREWALL LEGEND
2 HR. SEPARATION WALL
1 HR. SEPARATION WALL



PLAN KEY

STATE OF OHIO
LEVIN · PORTER · 2353 3255
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6·9·86

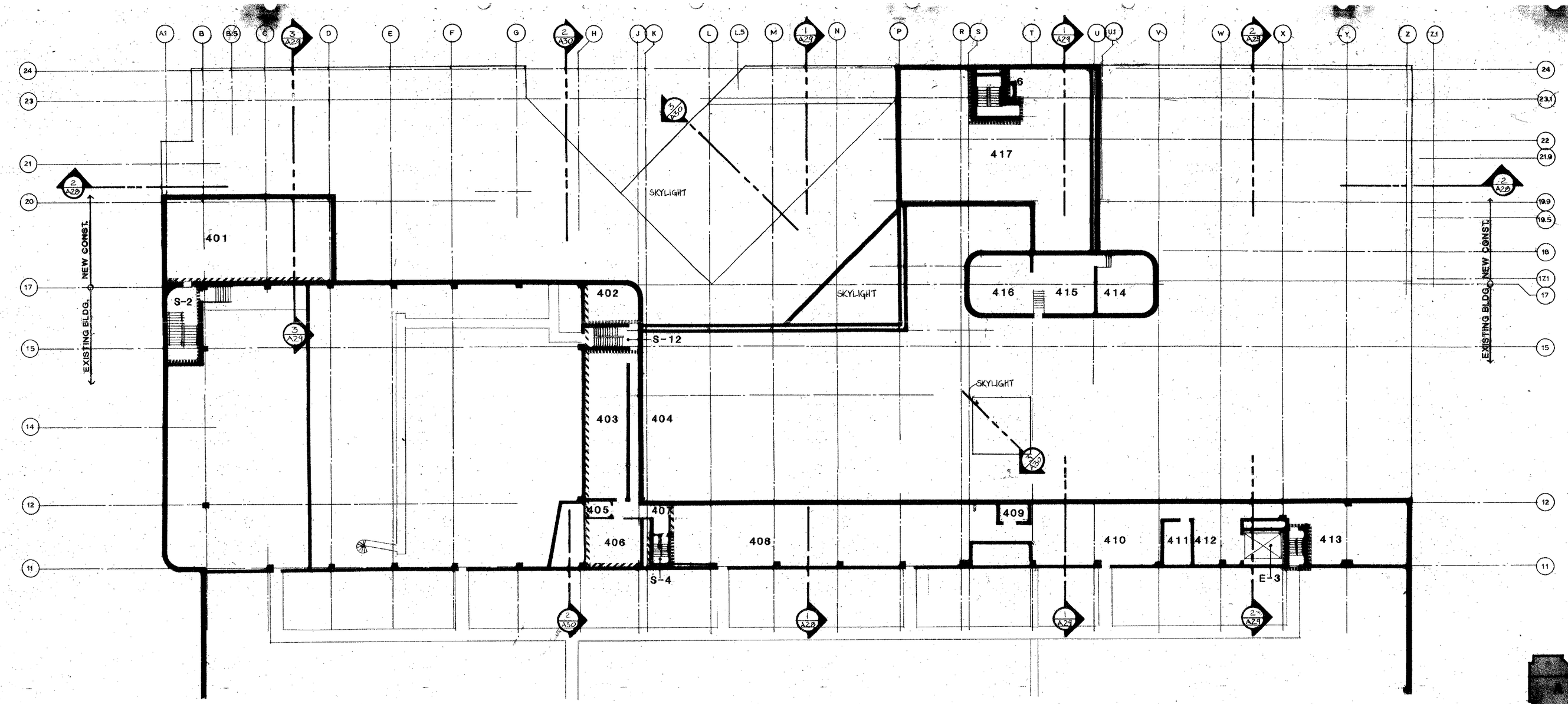
REVISIONS
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RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224 9931

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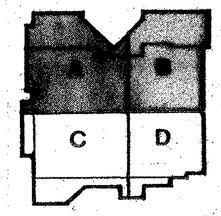
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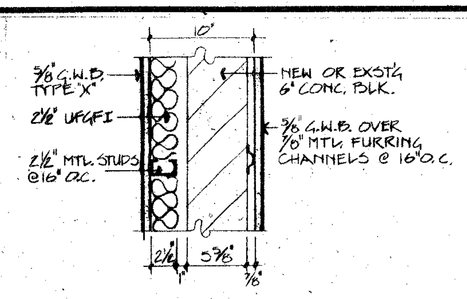
MEZZANINE/PENTHOUSE LEVEL

1/16" = 1'-0"

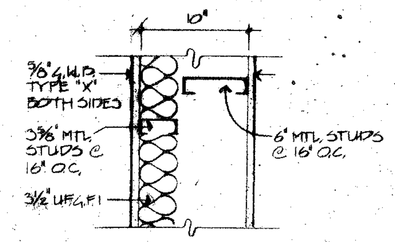
FIREWALL LEGEND
- 2 HR. SEPARATION WALL
- 1 HR. SEPARATION WALL



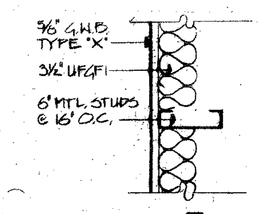
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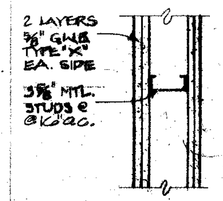
WALL TYPE (A)



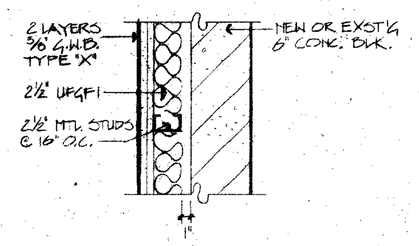
WALL TYPE (E)



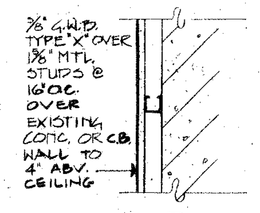
WALL TYPE (H) (P) SIM. W/O UFGFI



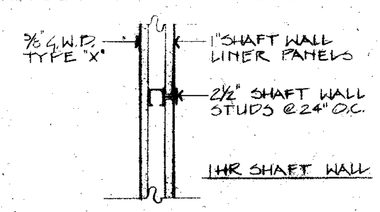
WALL TYPE (R) 2 HR.



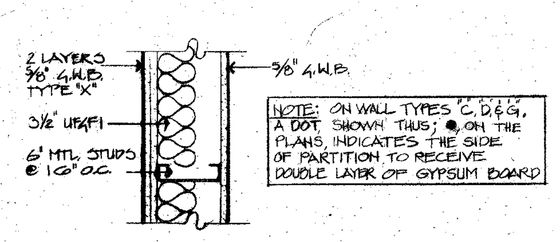
WALL TYPE (B)



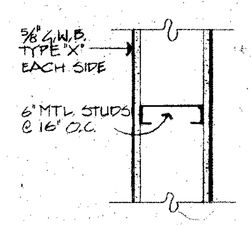
WALL TYPE (F)
(I) SIM. W/ 3 3/8" MTL. STUDS
(M) SIM. W/ 7/8" MTL. FURRING STRIPS
(Q) SIM. W/ 2 1/2" MTL. STUDS



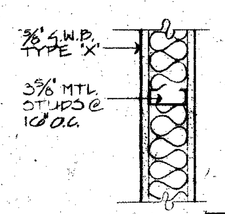
WALL TYPE (N)



WALL TYPE (C) (D) SIM. W/ 3 5/8" STUD
(G) SIM. W/ 8" STUDS AT 24" O.C.



WALL TYPE (J) (K) SIM. W/ 8" STUDS AT 24" O.C.



WALL TYPE (L) NOTE: ALL PARTITIONS ARE THIS TYPE UNLESS DESIGNATED OTHERWISE.
(O) SIM. W/O 3 1/2" UFGFI

LEGEND
- NEW METAL STUD WALL - SEE SPECIFIC TYPE
- FURRED, EXISTING WALL - SEE SPECIFIC TYPE
- NEW CONC. BLK. WALL SEE PLAN FOR SIZES
- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED

G.W.B. = GYPSUM WALL BOARD
UFGFI = UNFACED GLASS FIBRE INSULATION

TYPICAL WALL TYPES

SCALE: 1 1/2" 1'-0"

FINISH LEGEND

DAYTON CONVENTION CENTER

FINISH LEGEND

FLOORS
- A Existing (to remain)
- B Sealed Concrete
- C Carpet - Type I
- D Carpet - Type II
- E Ceramic Tile
- F Granite
- G Quarry Tile
- H Vinyl Composition Tile
- I Vinyl Stair Treads
- J Carpet - Type III

BASE
- A Existing (to remain)
- B 4" Vinyl
- C Ceramic Cove
- D None - same as wall
- E Granite
- F Hardwood
- G Quarry Tile

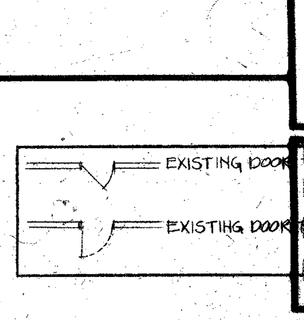
WALLS
- A Existing (to remain)
- B Vinyl Wall Covering - Type I
- C Vinyl Wall Covering - Type II
- D Painted Gypsum Board
- E Painted Concrete Block
- F Acoustic Wall Panels
- G Ceramic Tile
- H Concrete Block - Unpainted
- I Painted Veneer Plaster
- J Carpet - Type I
- K Existing to be Painted
- L Epoxy Painted Concrete Block
- M Existing to be Epoxy Painted
- N Epoxy Wainscot to 8'-0" AFF
- O Unpainted Gypsum Board

CEILING
- A Existing (to remain)
- B Type I
- C Type II, White (C*, type II in colored tile)
- D Type III
- E Type IV
- F Painted Gypsum Board
- G Exposed Structure - Unpainted
- H Painted M/R Gypsum Board
- I Existing to be Painted
- J Unpainted Gypsum Board
- K Concealed Spline Ceiling

NOTE: SEE REFLECTED CLG. PLANS FOR CLG. HGTS.

ROOM FINISH SCHEDULE

BASE / FLOOR / WALLS / CEILING



DOOR SYMBOL

STATE OF OHIO — LEE-HARRY PORTER — REGISTERED ARCHITECT

PRINTING 6-9-86

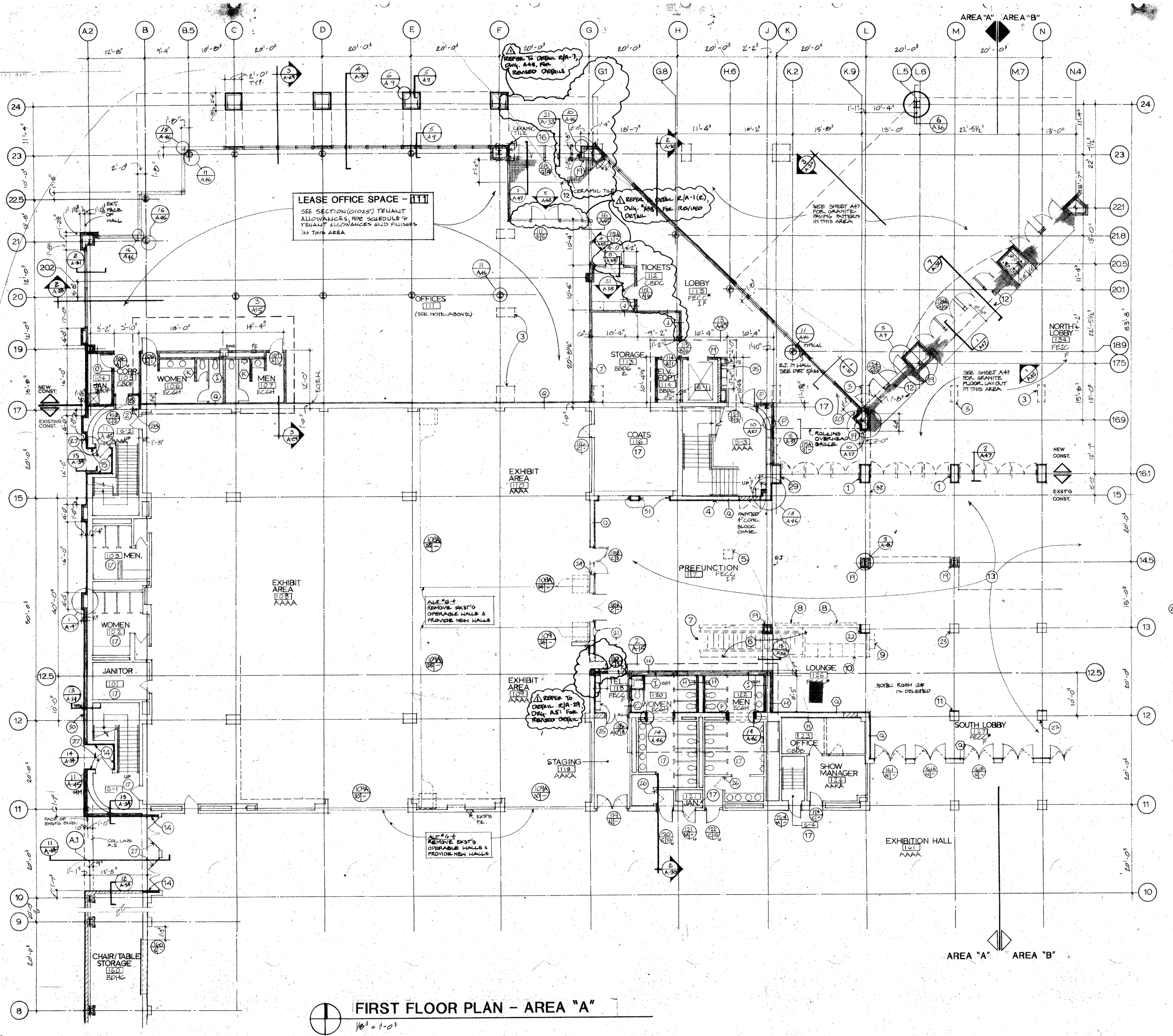
REVISIONS
△ NO RECORD DRG. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF DAYTON CONVENTION CENTER DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

DATE 6-9-86
DRAWN
PROJECT NO. 87411.00

A 5



FIRST FLOOR PLAN - AREA "A"

1/8" = 1'-0"

KEY NOTES:

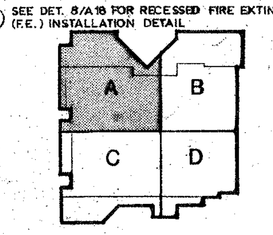
FIRST FLOOR PLAN - AREA A

1. VENEER PLASTER SYSTEM OVER EXISTING CONCRETE COLUMN. TOTAL THICKNESS TO BE 5/8".
2. ALIGN FINISHED FACE OF NEW WALL WITH FINISHED FACE OF EXISTING WALL.
3. REMOVE EXISTING FREESTANDING CONCRETE COLUMNS TO MINIMUM OF 8" BELOW FINISHED FLOOR ELEVATION.
4. REMOVE EXISTING RECESSED PLAQUE AND RELOCATE AS DIRECTED BY ARCHITECT.
5. EXISTING "TILE PYLONS" TO BE REMOVED BY OWNER.
6. REMOVE ENTIRE EXISTING ESCALATOR AND ADJACENT WALL.
7. FILL EXISTING ESCALATOR PIT WITH GRAVEL AND POUR NEW 4" CONCRETE SLAB TO MATCH NEW REQUIRED FLOOR ELEVATION.
8. REMOVE EXISTING PLAQUE/SIGNAGE AND RELOCATE AS DIRECTED BY ARCHITECT.
9. REMOVE EXISTING TELEPHONE AND RELOCATE AS DIRECTED BY ARCHITECT.
10. REMOVE EXISTING PHONE BOOTHS AND ABANDON TO OWNER.
11. PROVIDE VENEER PLASTER SYSTEM OVER STEEL STUDS ON NORTH FACE OF EXISTING COLUMN ENCLOSURE AS SHOWN TO ALIGN WITH ADJACENT WALLS.
12. RECESSED FLOOR MAT. SEE SPECIFICATION SECTION 10900. PROVIDE RECESS IN FLOOR SLAB AS REQUIRED.
13. REMOVE EXISTING 1¼" THICK BRICK PAVERS AND PRECAST CONCRETE FLOOR SYSTEM AND MORTAR BED. NEW 3/8" GRANITE FLOOR IN MORTAR BED AS SHOWN ON SHEET A47.
14. PROVIDE 3/4" THICK INSULATED WALL SYSTEM OVER ½" GYPSUM SHEATHING OVER 1 1/2" WOOD FURRING OVER EXISTING CONCRETE WALL AT THIS LOCATION.
15. PROVIDE CERAMIC TILE SYSTEM OVER ½" GYPSUM SHEATHING OVER 1-5/8" METAL STUD FURRING OVER EXISTING CONCRETE WALL AT THIS LOCATION.
16. PROVIDE 7/8" FURRING CHANNELS OVER 3-5/8" METAL STUDS IN LIEU OF 6" METAL STUDS IN WALL AT THIS LOCATION. EXTERIOR FACE OF METAL PANELS TO ALIGN WITH ADJACENT EXTERIOR FACE OF CERAMIC TILE SYSTEM.
17. NO NEW FINISH WORK REQUIRED IN THIS ROOM.
18. PROVIDE THESE FINISHES HERE: H B D F
19. VENEER PLASTER SYSTEM.
20. VINYL WALL COVERING ENDS HERE.
21. REMOVE EXISTING FIRE EXTINGUISHER & CAB'T. PROVIDE NEW FIRE EXTINGUISHER & CAB'T.
22. PATCH EXISTING COLUMN ENCLOSURE WITH VENEER PLASTER OR PLASTER SYSTEM.
23. PROVIDE VINYL WALL COVERING OVER EXISTING PLASTER COLUMNS ENCLOSURES, TYPICAL.
24. COORDINATE INSTALLATION OF NEW DOORS WITH STACKING POSITION OF OPERABLE WALL.
25. TWO PUBLIC TELEPHONE ENCLOSURES. SEE SPECIFICATION SECTION 10900
26. EXISTING DOOR FRAMES TO REMAIN IN PLACE.
27. PAINT EXISTING DOORS AND FRAMES.
28. CUT EXISTING WALL OUT DOWN TO 8" BELOW FINISHED FLOOR TO ALLOW NEW SLAB TO BEAR ON EXISTING FOUNDATION WALL.
29. VINYL WALL COVERING CONTINUES OVER THIS COLUMN.
30. PROVIDE 3" THICK EXT. WALL INSUL. SYSTEM IN THIS AREA (IN LIEU OF 1 1/2" SHOWN ELSEWHERE)
31. LAMINATE GYP BD. DIRECTLY TO CONC. WALL AT JAMB
32. PROVIDE 48" HIGH CORNER GAURDS ON ALL FREE-STANDING, NEW & EXST'G, COLUMNS - SEE DETAILS 1&3/A8 & SPEC. SECT. 10900.

GENERAL NOTES:

FLOOR PLANS

1. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD OR CONCRETE BLOCK OR CONCRETE WALL UNLESS NOTED OTHERWISE.
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF FINISH MATERIAL UNLESS NOTED OTHERWISE.
3. WHERE EXISTING WALLS ARE SHOWN TO BE REMOVED, CONTRACTOR SHALL PATCH SCARRED SURFACES TO MATCH ADJACENT FINISHES UNLESS NOTED OTHERWISE.
4. F.O.E.W. INDICATES FACE OF EXISTING WALL.
5. SEE RELFECTED CEILING PLANS FOR HEIGHTS OF WALLS. (ALL WALLS ARE FULL HEIGHT; TIGHT TO UNDERSIDE OF DECK ABOVE, UNLESS NOTED OTHERWISE.)
6. SEE SHEET A-15 (TOILET PLANS) FOR ADDITIONAL INFORMATION ON TOILET ROOMS.
7. SEE SHEET A-3 FOR FIRE WALL LOCATIONS. AND SHEET A-6 FOR WALL TYPES
8. SEE DET. 8/A18 FOR RECESSED FIRE EXTINGUISHER (F.E.) INSTALLATION DETAIL



PLAN KEY

STATE OF OHIO
LEVIN - 2853
PORTER - 3255
REGISTERED ARCHITECTS

PRINTING
6·9·86

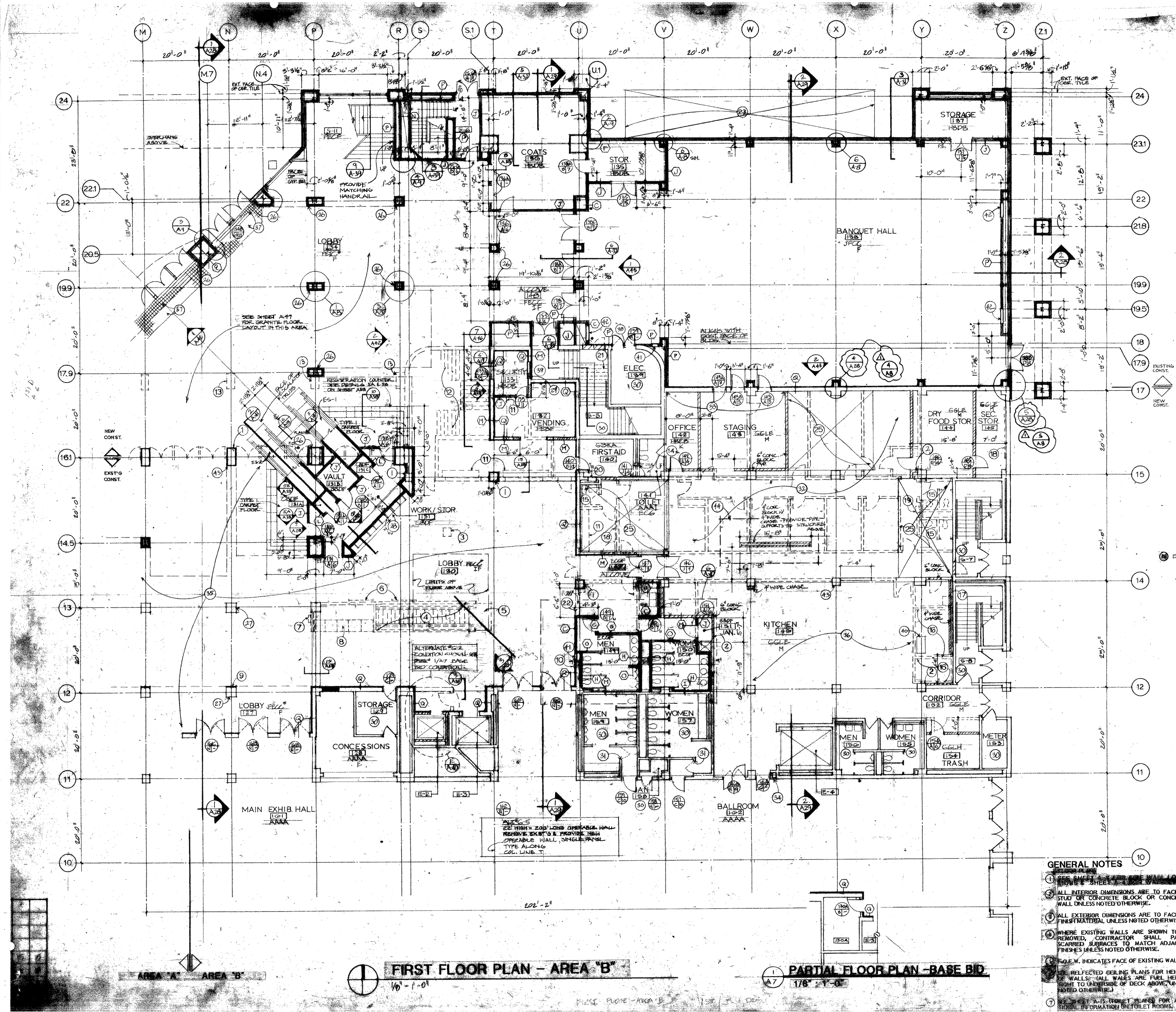
REVISIONS
1 11-1-86 RECORD DWG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224-1701

DATE JUNE 9, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

A 6



FIRST FLOOR PLAN - AREA "B"

1/8" = 1'-0"

PARTIAL FLOOR PLAN - BASE BID

1/6" = 1'-0"

KEY NOTES:

FIRST FLOOR PLAN - AREA B

1. VENEER PLASTER SYSTEM OVER EXISTING CONCRETE COLUMN. TOTAL THICKNESS TO BE 5/8".
2. ALIGN FINISHED FACE OF NEW WALL WITH FINISHED FACE OF EXISTING WALL.
3. EXISTING "TILE-PLYONS" TO BE REMOVED BY OWNER.
4. REMOVE EXISTING ESCALATOR AND ADJACENT WALL.
5. FILL EXISTING ESCALATOR PIT WITH GRAVEL AND POUR 4" CONCRETE SLAB TO MATCH NEW REQUIRED FLOOR ELEVATION.
6. REMOVE EXISTING PLAQUE/SIGNAGE AND RELOCATE AS DIRECTED BY ARCHITECT.
7. REMOVE EXISTING TELEPHONE AND RELOCATE AS DIRECTED BY ARCHITECT.
8. REMOVE EXISTING PHONE BOOTHS AND ABANDON TO OWNER.
9. PROVIDE VENEER PLASTER SYSTEM OVER STEEL STUDS ON NORTH FACE OF EXISTING COLUMN ENCLOSURE AS SHOWN TO ALIGN WITH ADJACENT WALLS.
10. EXISTING FIRE EXTINGUISHER CABINET TO BE REMOVED AND REPLACE WITH NEW UNIT IN SAME LOCATION.
11. REMOVE EXISTING COUNTERTOP.
12. REMOVE EXISTING STEEL STAIR AND STRUCTURE.
13. REMOVE EXISTING CONCRETE COLUMNS, TO A MINIMUM OF 8" BELOW FINISHED FLOOR.
14. REMOVE EXISTING SHOWER ENCLOSURE WALLS AND RAISED FLOOR. PATCH ALL SURFACES TO MATCH EXISTING. PROVIDE NEW CERAMIC TILE OVER NEW CONCRETE BLOCK AT JAMB OF NEW DOOR.
15. REMOVE EXISTING PLUMBING FIXTURES AND TOILET ACCESSORIES AND ABANDON TO OWNER. SEE PLUMBING DRAWINGS.
16. REMOVE EXISTING PREFABRICATED REFRIGERATOR OR FREEZER UNIT. PATCH FLOOR SLAB AS REQUIRED.
17. REMOVE EXISTING FLOOR SINK. SEE PLUMBING DRAWINGS.
18. REMOVE EXISTING CHALK/TACKBOARD AND RELOCATE AS DIRECTED BY ARCHITECT.
19. REMOVE EXISTING WATER COOLER AND ABANDON TO OWNER. SEE PLUMBING DRAWINGS.
20. EXISTING RECESSED METAL CABINET TO REMAIN.
21. REMOVE PORTION OF EXISTING STEEL STAIRS AS SHOWN.
22. REMOVE EXISTING ROLLING COUNTER SHUTTER AND ABANDON TO OWNER.
23. LIMITS OF EXISTING ELECTRIC UNDERGROUND TRANSFORMER VAULT. PROTECT FROM CONSTRUCTION DAMAGE AS REQUIRED.
24. REMOVE EXISTING 6" THICK PRECAST CONCRETE PANELS FULL HEIGHT OF WALL.
25. CUT OUT EXISTING FLOOR SLAB TO ALLOW FLUSH FLOOR INSTALLATION OF PREFABRICATED REFRIGERATOR AND/OR FREEZER UNITS. SEE DETAIL 7.01 ON SHEET FS-5.
26. VENEER PLASTER SYSTEM.
27. PROVIDE VINYL WALL COVERING OVER EXISTING PLASTER COLUMN ENCLOSURES TYPICAL.
28. EIGHT PUBLIC TELEPHONE ENCLOSURES - SEE SPECIFICATION SECTION 10900 .
29. RECESSED FIRE CONTROL PANEL. SEE ELEC. DRAWINGS.
30. NO NEW FINISH WORK REQUIRED IN THIS ROOM.
31. EXISTING DOOR FRAMES TO REMAIN IN PLACE.
32. REMOVE EXISTING CARPETING FROM FLOOR IN THIS AREA.
33. REMOVE EXISTING PANELING AND/OR GYPSUM BOARD FROM THIS WALL AND PLASTER OVER EXISTING CONCRETE.
34. PAINT NEW CONCRETE BLOCK TO MATCH ADJACENT FINISHES.
35. REMOVE EXISTING 18" THICK BRICK/PRECAST CONCRETE FLOOR AND MORTAR BED. PROVIDE NEW 3/8" GRANITE FLOOR IN MORTAR BED AS SHOWN ON SHEET A47.
36. EXISTING QUARRY TILE FLOOR TO BE PATCHED TO MATCH EXISTING WHERE REMOVED AND/OR DAMAGED FROM UNDERGROUND PLUMBING AND/OR ELECTRICAL WORK. GENERAL CONTRACTOR TO BACKFILL AND COMPACT TRENCHES.
37. RECESSED FLOOR MAT. SEE SPECIFICATION SECTION 10900.
38. EXISTING FRAMES (SHOWN TO REMAIN TO BE PAINTED, TYPICAL.
39. PROVIDE THE FOLLOWING FINISHES HERE: HBDF
40. GREASE INTERCEPTOR - SEE PLUMBING DRAWINGS.
41. RECESSED FIRE PROTECTION CABINET - SEE SHEET FP-3.
42. MECHANICAL R.A. GRILLES - SEE SHEET H-3.
43. PROVIDE 48" HIGH CORNER GUARDS ON ALL FREE-STANDING COLUMNS - SEE DETAIL 1 AND 3/A6 AND SPECIFICATION SECTION 10900.
44. GEN. CONTR. SHALL PROVIDE STRUCTURAL STEEL SUPPORT FOR KITCHEN VENTILATOR HOOD. SUPPORT SHALL BE AS REQ'D TO ACCOMODATE SIZE AND WEIGHT OF VENTILATOR. COORDINATE WITH EXST'G STRUCTURAL SYSTEM AND DUCTWORK LOCATION.

GENERAL NOTES

FIRST FLOOR PLANS

1. SEE SHEET [illegible] FOR FIRE WALL LOCATIONS & SHEET [illegible] FOR FIRE RATINGS.
2. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD OR CONCRETE BLOCK OR CONCRETE WALL UNLESS NOTED OTHERWISE.
3. ALL EXTERIOR DIMENSIONS ARE TO FACE OF FINISH MATERIAL UNLESS NOTED OTHERWISE.
4. WHERE EXISTING WALLS ARE SHOWN TO BE REMOVED, CONTRACTOR SHALL PATCH SCARRED SURFACES TO MATCH ADJACENT FINISHES UNLESS NOTED OTHERWISE.
5. F.O.E.W. INDICATES FACE OF EXISTING WALL.
6. R.C. REFLECTED CEILING PLANS FOR HEIGHTS OF WALLS. (ALL WALLS ARE FULL HEIGHT; RIGHT TO UNDERSIDE OF DECK ABOVE UNLESS NOTED OTHERWISE.)
7. SEE SHEET A-15 TOILET PLANS FOR ADDITIONAL INFORMATION ON TOILET ROOMS.

PLAN KEY

A | C | D

FIRST FLOOR - AREA B

STATE OF OHIO
PRINTING 6-9-88

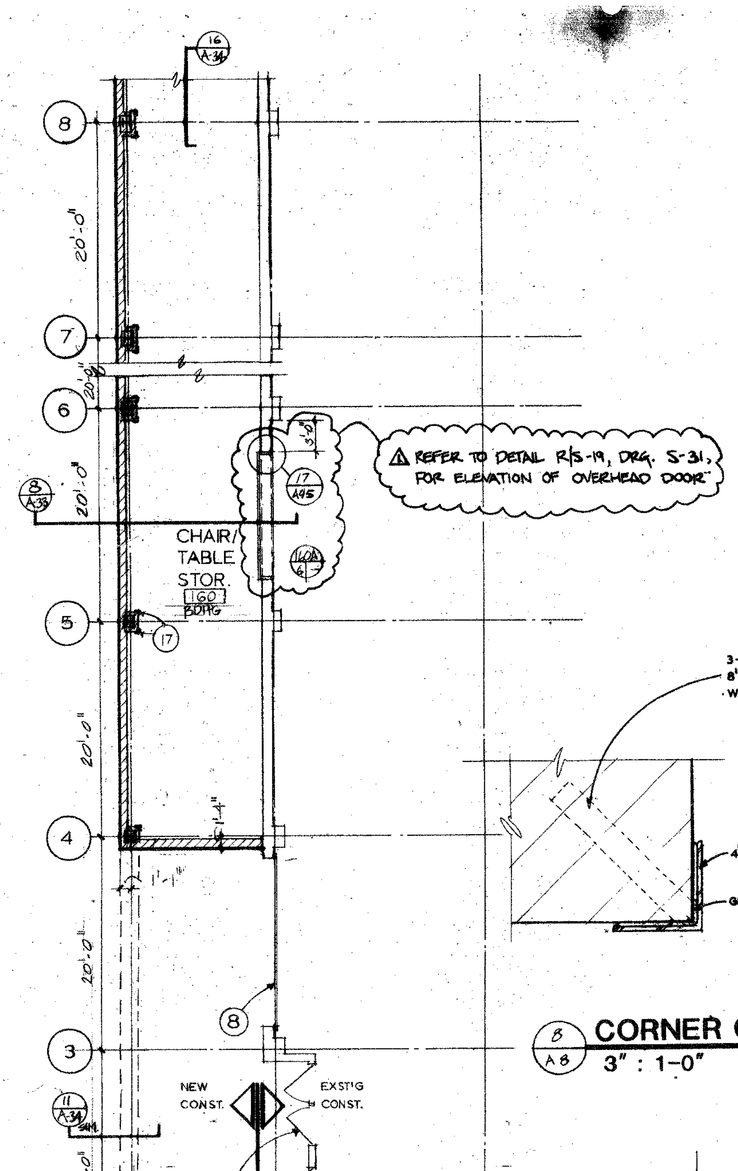
REVISIONS
1 11-1-88 RECORD DRG. REVISIONS THIS SHEET

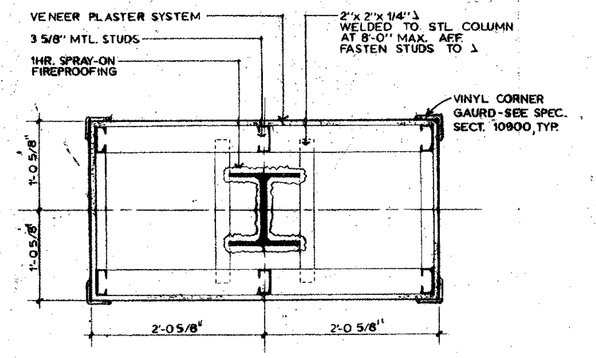
RENOVATION AND EXPANSION OF DAYTON CONVENTION CENTER

LEVIN-PORTER ASSOCIATES, INC.

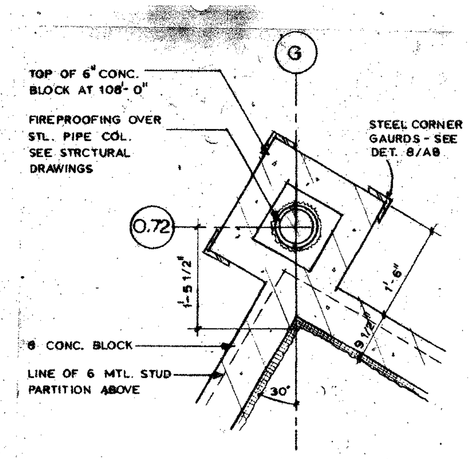
DATE JUNE 1988
DRAWN BY
CHECKED BY
PROJECT NO. 87411.00

A 7

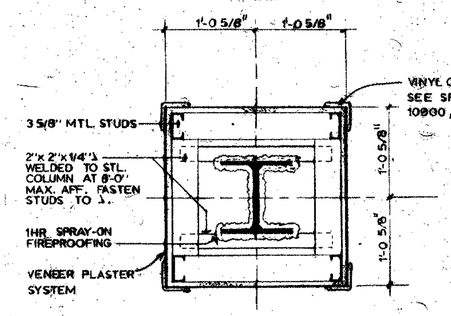




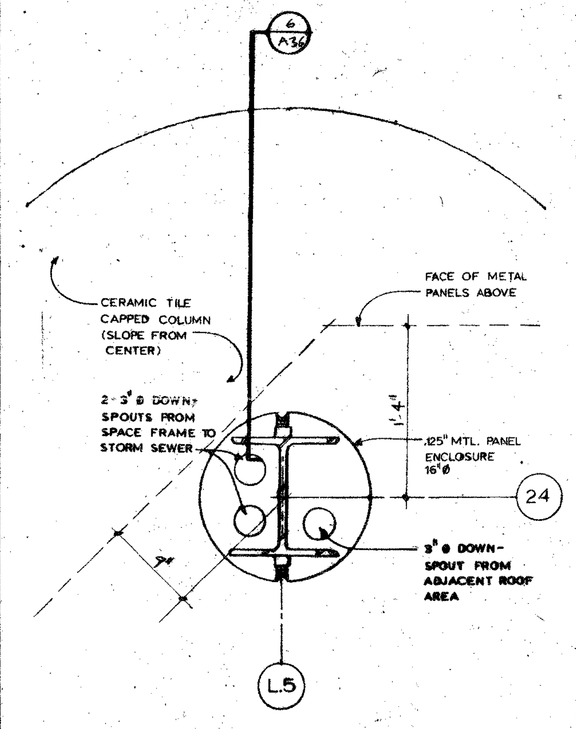
1 A-8 **COLUMN ENCLOSURE**
1" : 1'-0"



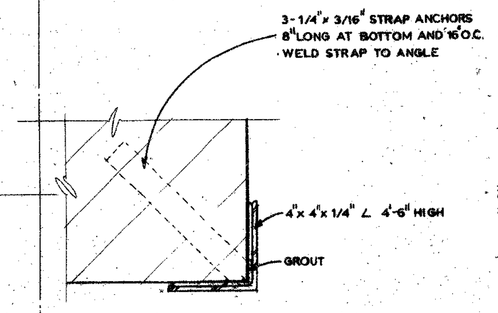
2 A-8 **COLUMN ENCLOSURE**
3/4" : 1'-0"



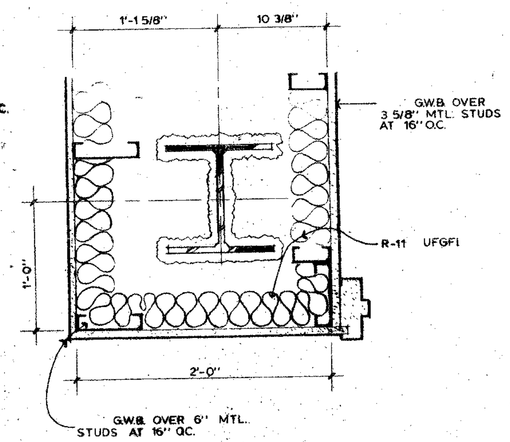
3 A-8 **COLUMN ENCLOSURE**
1" : 1'-0"



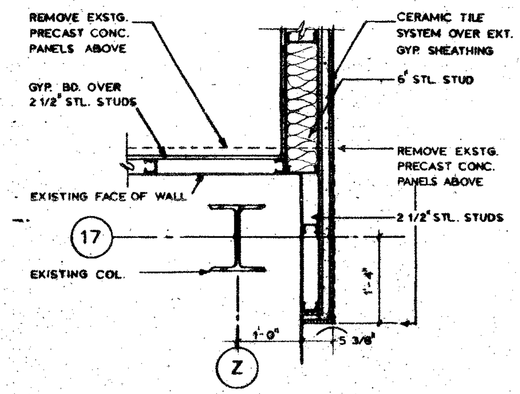
7 A-8 **COLUMN PLAN DETAIL**
1 1/2" : 1'-0"



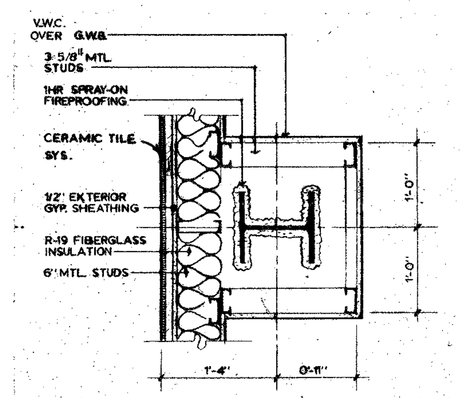
8 A8 **CORNER GAURD**
3" : 1'-0"



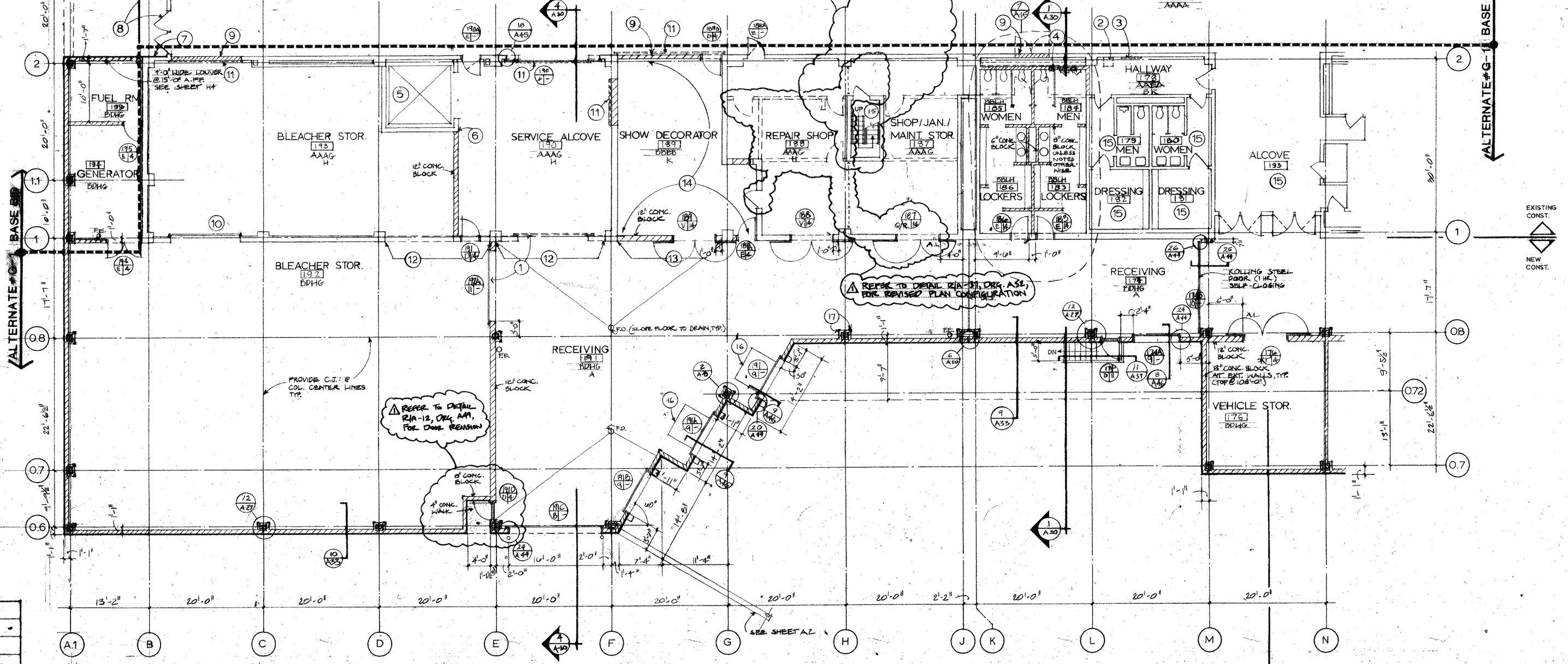
4 A-8 **PLAN DETAIL**
1 1/2" : 1'-0"



5 A-8 **PLAN DETAIL**
3/4" : 1'-0"



6 A-8 **PLAN DETAIL**
1" : 1'-0"



FIRST FLOOR PLAN - AREA "C"
1/8" = 1'-0"

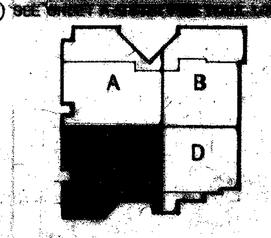
AREA "C" AREA "D"

KEY NOTES:
FIRST FLOOR - AREA C

1. REMOVE EXISTING STEEL OVERHEAD ROLLING DOOR AND STRUCTURE. RELOCATE AS SHOWN. PROVIDE REQUIRED FRAMING.
2. REMOVE EXISTING TIMECLOCK AND RELOCATE. SEE ELECTRICAL DRAWINGS.
3. REMOVE EXISTING TACKBOARD AND RELOCATE AS DIRECTED BY ARCHITECT.
4. REMOVE EXISTING GLASS ENCLOSED TACKBOARD AND RELOCATE AS DIRECTED BY ARCHITECT.
5. EXISTING SERVICE ELEVATOR TO REMAIN.
6. ALIGN FINISHED FACE OF NEW WALL WITH FINISHED FACE OF EXISTING WALL.
7. PROVIDE INSULATED WALL SYSTEM OVER ½" GYPSUM SHEATHING OVER 1-½" WOOD FURRING OVER EXISTING CONCRETE WALL AT THIS LOCATION.
8. PAINT EXISTING DOORS AND FRAMES.
9. PAINT NEW CONCRETE BLOCK INFILL TO MATCH ADJACENT FINISHES.
10. EXISTING OVERHEAD DOOR TO REMAIN.
11. REMOVE EXISTING OVERHEAD DOOR AND ABANDON TO OWNER.
12. REMOVE EXISTING PRECAST CONCRETE PANEL(S) ABOVE (TOP AT APPROXIMATELY 16'-8" A.F.F.)
13. REMOVE EXISTING STEEL CHANNEL FRAME.
14. ADD NEW CONCRETE TOPPING TO EXISTING FINISH FLOOR LEVEL.
15. NO NEW FINISH WORK REQUIRED IN THIS ROOM.
16. DOCK LEVELER. SEE SPECIFICATION SECTION 11300.
17. TYPICAL STL. CORNER GUARD SEE DET. 8/A8

GENERAL NOTES:
FLOOR PLANS

1. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD OR CONCRETE BLOCK OR CONCRETE WALL UNLESS NOTED OTHERWISE.
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF FINISH MATERIAL UNLESS NOTED OTHERWISE.
3. WHERE EXISTING WALLS ARE SHOWN TO BE REMOVED, CONTRACTOR SHALL PATCH SCARRED SURFACES TO MATCH ADJACENT FINISHES UNLESS NOTED OTHERWISE.
4. F.O.E.W. INDICATES FACE OF EXISTING WALL.
5. SEE REFLECTED CEILING PLANS FOR HEIGHTS OF WALLS. (ALL WALLS ARE FULL HEIGHT; TIGHT TO UNDERSIDE OF DECK ABOVE, UNLESS NOTED OTHERWISE.)
6. SEE SHEET A-15 (TOILET PLANS) FOR ADDITIONAL INFORMATION ON TOILET ROOMS.
7. SEE SHEET FOR OTHER FIRST FLOOR LOCATIONS



PLAN KEY

STATE OF OHIO
LEWIS PORTER BOOK
REGISTERED ARCHITECTS

PRINTING
6-9-86

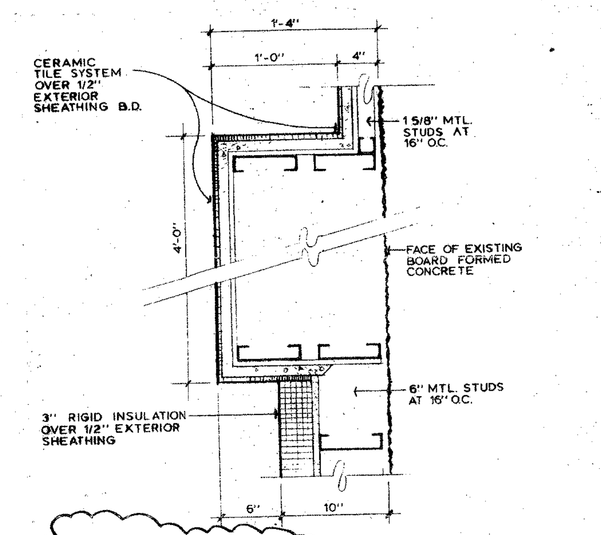
REVISIONS
⚠ 11-1-86 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
2 Nationwide Plaza Suite 1600 Columbus Ohio 43215 (614) 228-1541

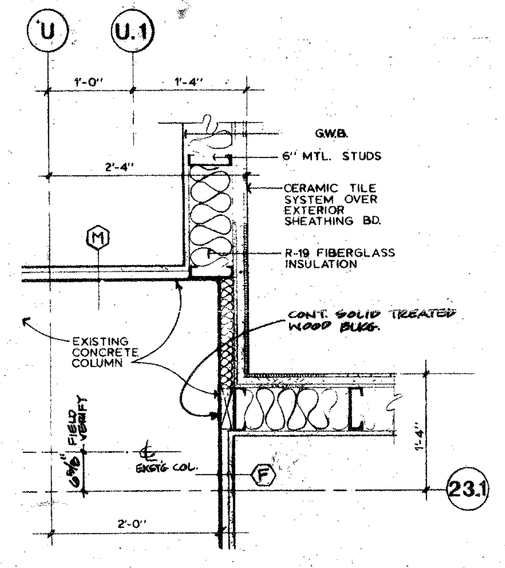
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A 8

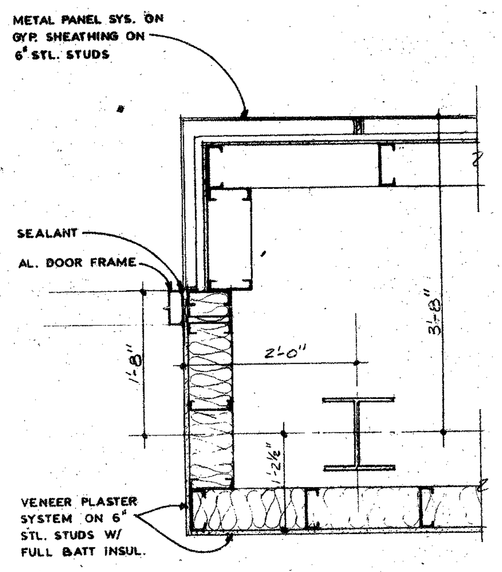


1 A-9 **PLAN DETAIL**
1 1/2" : 1'-0"

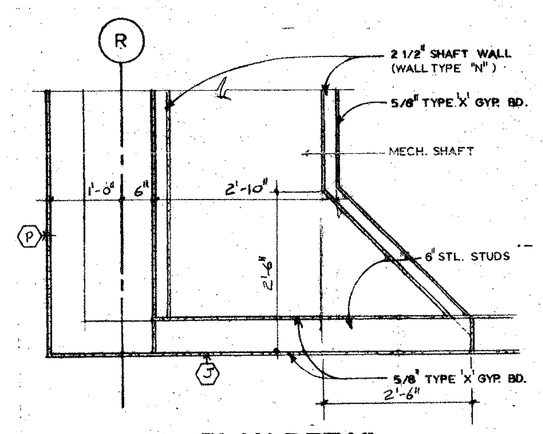
⚠ SEE DETAIL C/A-8, DRG. A34, FOR STRUCTURAL SUPPORT REQUIRED FOR THIS DETAIL



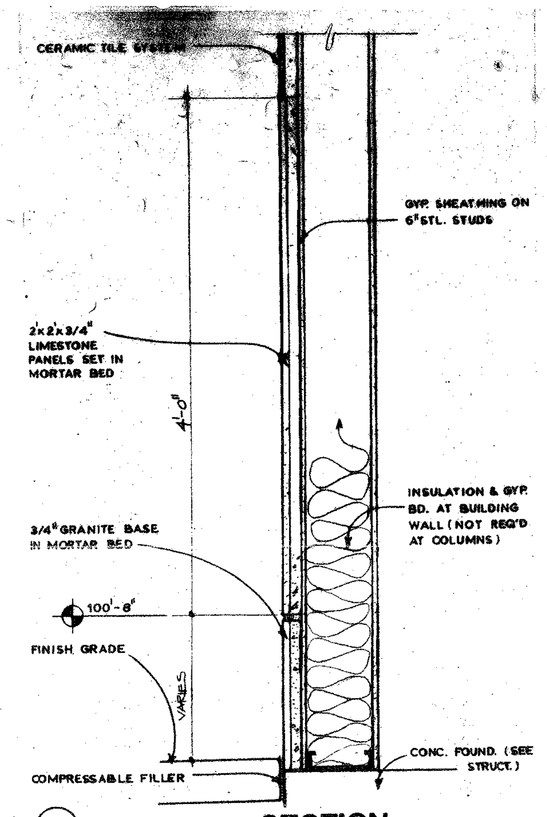
2 A-9 **PLAN DETAIL**
1" : 1'-0"



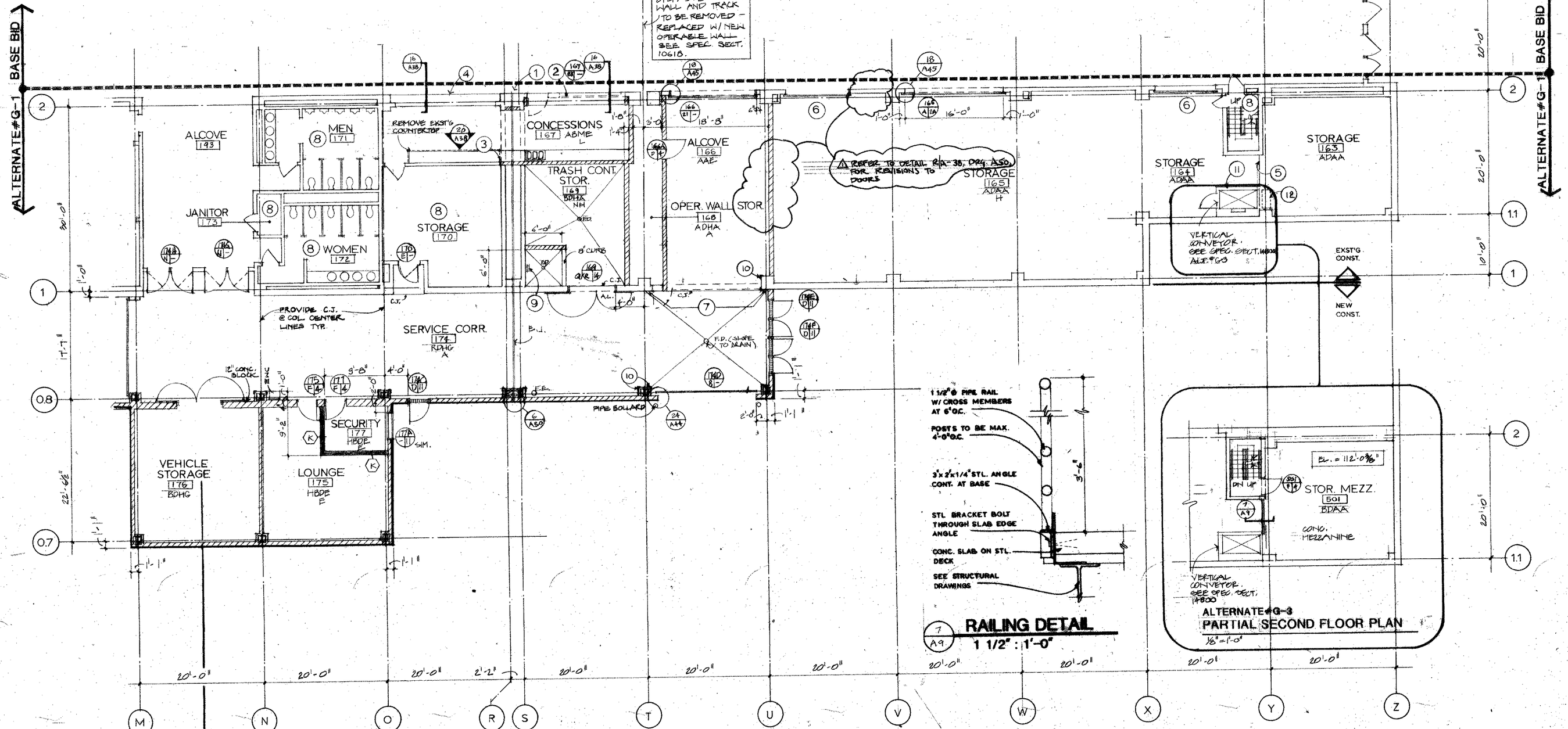
PLAN DETAIL
1" : 1'-0"



4 A-9 **PLAN DETAIL**
3/4" : 1'-0"



5 A9 **SECTION**
1 1/2" : 1'-0"



ALTERNATE#G-1 BASE BID

AREA "C" AREA "D"

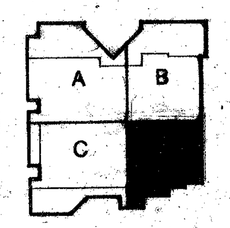
FIRST FLOOR PLAN – AREA "D"
1/16" = 1'-0"

7 A9 **RAILING DETAIL**
1 1/2" : 1'-0"

NOTE: SEE SHEET A-9 FOR GENERAL NOTES

FIRST FLOOR - AREA D

1. REPLACE MISSING SECTION OF EXPANSION JOINT COVER TO MATCH EXISTING.
2. REMOVE EXISTING OVERHEAD DOOR AND STRUCTURE AND ABANDON TO OWNER.
3. ALIGN FINISHED FACE OF NEW WALL WITH FINISHED FACE OF EXISTING WALL.
4. REMOVE EXISTING PLASTIC LAMINATE COUNTERTOP AND REPLACE WITH NEW UNIT TO MATCH NEW ADJACENT UNIT.
5. REMOVE EXISTING METAL CAGE AND GATE AND ABANDON TO OWNER. (PART OF ALTERNATE #G-3 ONLY.)
6. EXISTING OVERHEAD DOOR TO REMAIN.
7. REMOVE EXISTING PRECAST CONCRETE PANEL(S) ABOVE (TOP AT APPROXIMATELY 10'-4" A.F.F.)
8. NO NEW FINISH WORK REQUIRED IN THIS ROOM.
9. WALL MOUNTED SPRAY WASH - SEE PLUMBING DRAWINGS.
10. STL. CORNER GUARDS - SEE SPEC. 10610
11. EXPOSED MTL. ENCLOSURE 7'-0" HIGH WITH 3'0" WIDE GATE BY VERT. ENCLOSURE SUPPLIER
12. LOCATION OF MOTOR FOR VERTICAL LIFT. PROVIDE EXPOSED MTL. ENCLOSURE OF SIZE REQ. BY MANUFACTURER



PLAN KEY

STATE OF OHIO
REGISTERED ARCHITECT

PRINTING
6-9-86

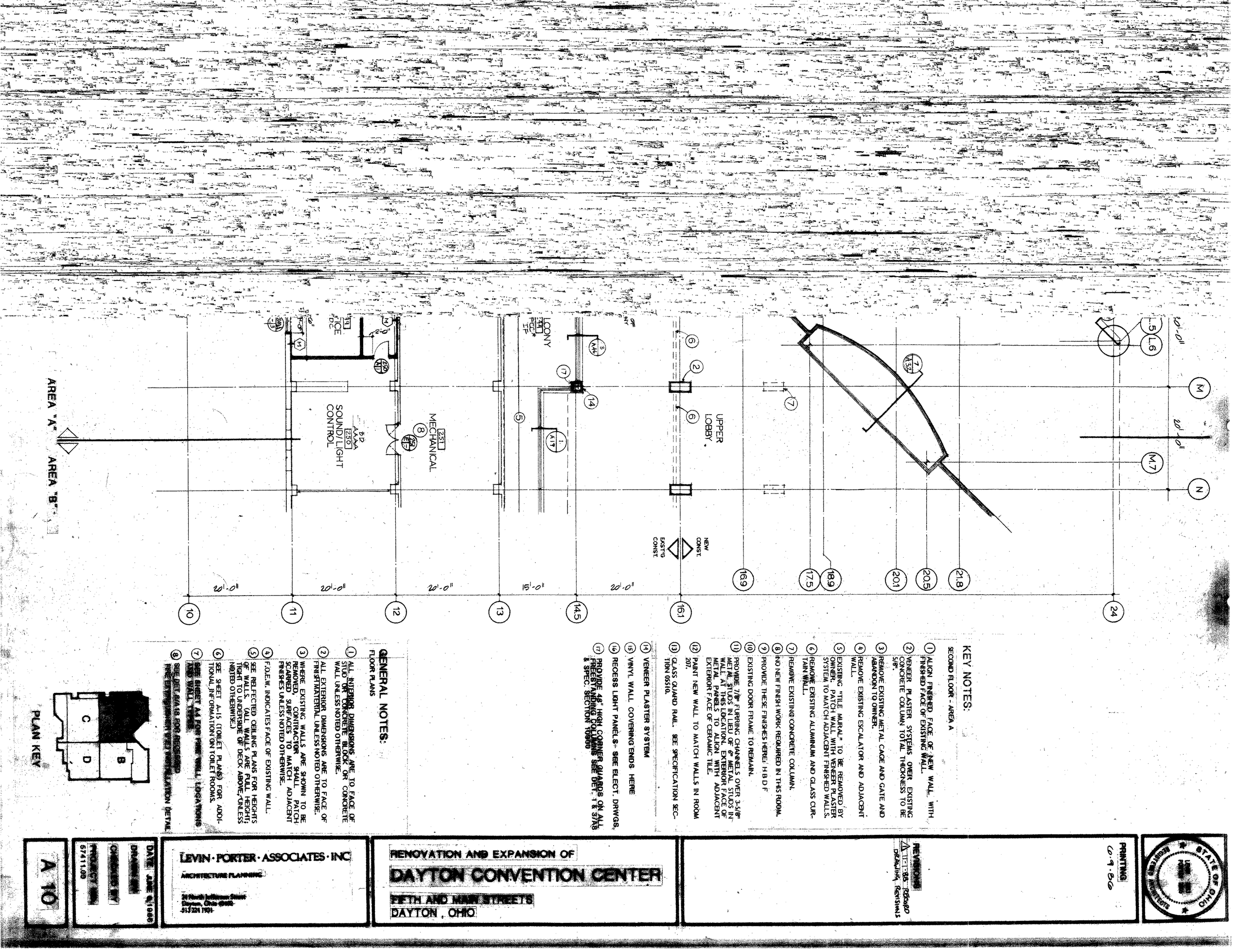
REVISIONS
⚠ 11-1-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES, INC.
ARCHITECTURE PLANNING

DATE: JUNE 6, 1988
DRAWN BY
CHECKED BY
PROJECT NO. 87411.00

A 9



KEY NOTES:

SECOND FLOOR - AREA A

1. ALIGN FINISHED FACE OF NEW WALL WITH FINISHED FACE OF EXISTING WALL.
2. VENEER PLASTER SYSTEMS OVER EXISTING CONCRETE COLUMN TOTAL THICKNESS TO BE 5/8".
3. REMOVE EXISTING METAL CAGE AND GATE AND ABANDON TO OWNER.
4. REMOVE EXISTING ESCALATOR AND ADJACENT WALL.
5. EXISTING "TILE MURAL" TO BE REMOVED BY OWNER. PATCH WALL WITH VENEER PLASTER SYSTEM TO MATCH ADJACENT FINISHED WALLS.
6. REMOVE EXISTING ALUMINUM AND GLASS CURTAIN WALL.
7. REMOVE EXISTING CONCRETE COLUMN.
8. NO NEW FINISH WORK REQUIRED IN THIS ROOM.
9. PROVIDE THESE FINISHES HERE: H B D F
10. EXISTING DOOR FRAME TO REMAIN.
11. PROVIDE 7/8" FURRING CHANNELS OVER 3-5/8" METAL STUDS IN LIEU OF 6" METAL STUDS IN WALL AT THIS LOCATION. EXTERIOR FACE OF METAL PANELS TO ALIGN WITH ADJACENT EXTERIOR FACE OF CERAMIC TILE.
12. PAINT NEW WALL TO MATCH WALLS IN ROOM 207.
13. GLASS GUARD RAIL. SEE SPECIFICATION SECTION 05510.
14. VENEER PLASTER SYSTEM
15. VINYL WALL COVERING ENDS HERE
16. RECESS LIGHT PANELS- SEE ELECT. DRWGS.
17. PROVIDE 42" HIGH CORNER GUARDS ON ALL FREESTANDING COLUMNS SEE DET. 1 & 3/A.8 & SPEC. SECTION 10000

GENERAL NOTES:

FLOOR PLANS

1. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD OR CONCRETE BLOCK OR CONCRETE WALL UNLESS NOTED OTHERWISE.
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF FINISH MATERIAL UNLESS NOTED OTHERWISE.
3. WHERE EXISTING WALLS ARE SHOWN TO BE REMOVED, CONTRACTOR SHALL PATCH SCARRED SURFACES TO MATCH ADJACENT FINISHES UNLESS NOTED OTHERWISE.
4. F.O.E.W. INDICATES FACE OF EXISTING WALL.
5. SEE REFLECTED CEILING PLANS FOR HEIGHTS OF WALLS. (ALL WALLS ARE FULL HEIGHT; TIGHT TO UNDERSIDE OF DECK ABOVE, UNLESS NOTED OTHERWISE.)
6. SEE SHEET A-15 (TOILET PLANS) FOR ADDITIONAL INFORMATION ON TOILET ROOMS.
7. SEE SHEET A4 FOR FIRE WALL LOCATIONS AND WALL TYPES
8. SEE DET. 6/A4.8 FOR RECESSED FIRE EXTINGUISHER CABINET INSTALLATION DETAIL

PLAN KEY

PRINTING
6-9-86

REVISIONS
1 7-31-86 Revised Drawing Revisions

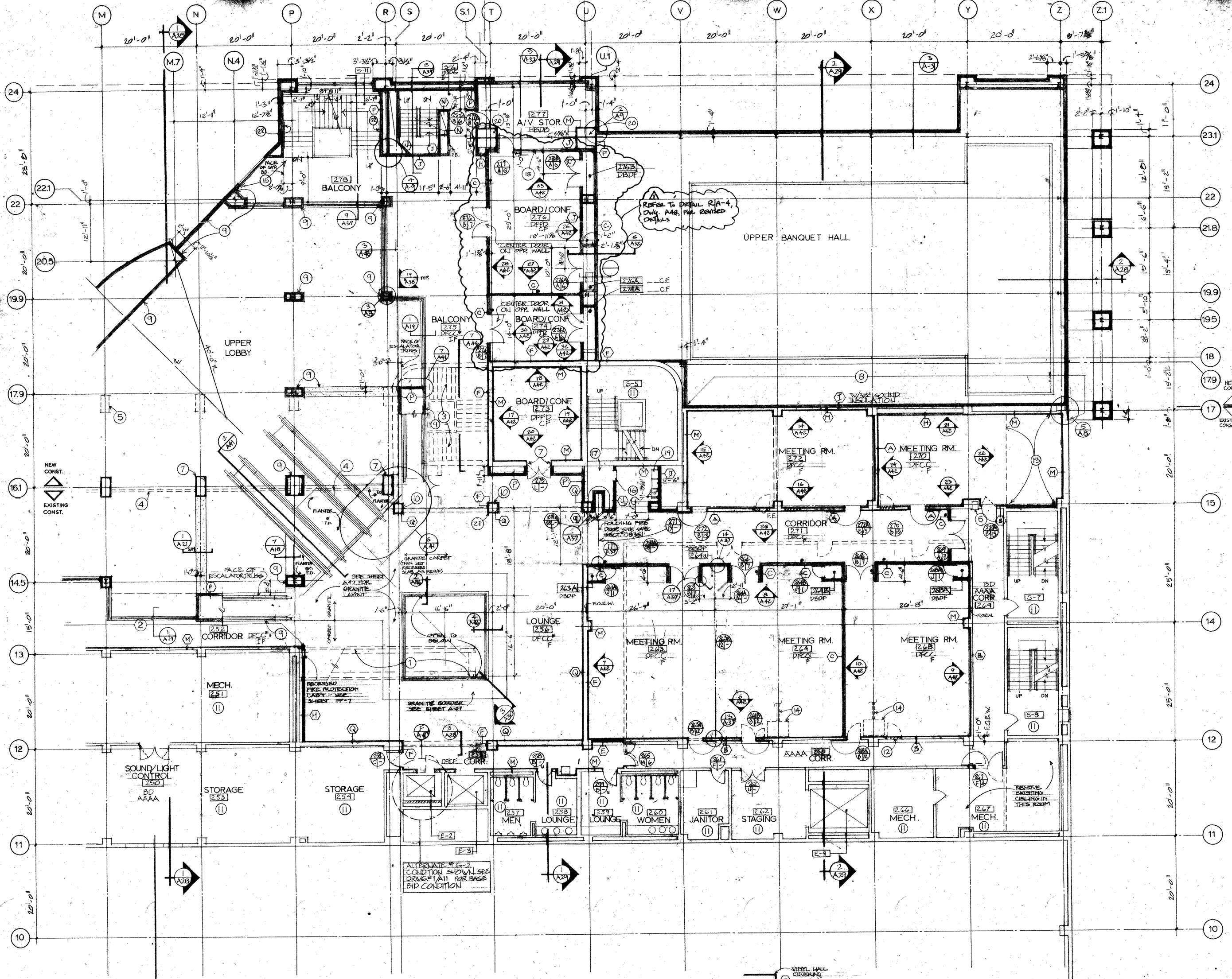
STATE OF OHIO REGISTERED ARCHITECT

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
21 North Jefferson Street
Dayton, Ohio 45402
513 224 1901

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 87411.00

A 10



KEY NOTES:
SECOND FLOOR - AREA B

1. REMOVE EXISTING ESCALATOR AND ADJACENT WALL.
2. EXISTING "TILE MURAL" TO BE REMOVED BY OWNER. PATCH WALL WITH VENEER PLASTER SYSTEM TO MATCH ADJACENT FINISHED WALLS.
3. REMOVE EXISTING STEEL STAIR AND STRUCTURE.
4. REMOVE EXISTING ALUMINUM AND GLASS CURTAIN WALL.
5. REMOVE EXISTING CONCRETE COLUMN.
6. EXISTING RECESSED FIRE EXTINGUISHER AND CABINET TO REMAIN.
7. VENEER PLASTER SYSTEM OVER EXISTING CONCRETE COLUMN. TOTAL THICKNESS TO BE 5/8".
8. REMOVE EXISTING 6" PRECAST CONCRETE PANELS FULL HEIGHT OF WALL (BOTTOM OF PANEL: EL. = 100'-0")
9. VENEER PLASTER SYSTEM.
10. VINYL WALL COVERING - FINISH TYPE II.
11. NO NEW FINISH WORK REQUIRED IN THIS ROOM.
12. PAINT NEW BLOCK INFILL WALL TO MATCH ADJACENT FINISHES, TYPICAL.
13. REMOVE EXISTING 6" CONCRETE TOPPING PLATFORM. PATCH FLOOR SLAB TO ACCEPT NEW FLOOR FINISH.
14. REMOVE EXISTING FOLDING WALL AND TRACK.
15. VINYL WALL COVERING ENDS HERE.
16. 24" X 36" FIRE RATED ACCESS DOOR. BOTTOM OF DOOR TO BE AT 2'-6" A.F.F.
17. MOTOR AND CONTROL FOR FOLDING FIRE DOOR.
18. REAR PROJECTION SCREEN - SEE SPECIFICATION SECTION 10900.
19. THREE TELEPHONE ENCLOSURES. SEE SPECIFICATION SECTION 10900.
20. EXISTING 4'X4' CONCRETE COLUMNS TO REMAIN.
21. PROVIDE 48" HIGH CORNER GUARDS ON ALL FREESTANDING COLUMNS. SEE DETAIL 1 & 3/A8 AND SPECIFICATION SECTION 10900.
22. PROVIDE HANDRAIL TO MATCH GUARD RAILING. SEE SPEC. SECT. 05510

GENERAL NOTES:
FLOOR PLANS

1. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD OR CONCRETE BLOCK OR CONCRETE WALL UNLESS NOTED OTHERWISE.
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF FINISH MATERIAL UNLESS NOTED OTHERWISE.
3. WHERE EXISTING WALLS ARE SHOWN TO BE REMOVED, CONTRACTOR SHALL PATCH SCARRED SURFACES TO MATCH ADJACENT FINISHES UNLESS NOTED OTHERWISE.
4. F.O.E.W. INDICATES FACE OF EXISTING WALL.
5. SEE REFLECTED CEILING PLANS FOR HEIGHTS OF WALLS. (ALL WALLS ARE FULL HEIGHT; TIGHT TO UNDERSIDE OF DECK ABOVE, UNLESS NOTED OTHERWISE.)
6. SEE SHEET A-15 (TOILET PLANS) FOR ADDITIONAL INFORMATION ON TOILET ROOMS.
7. SE[illegible] ROOMS AND W[illegible]
8. SEE DET. 8/A18 FOR RECESSED FIRE EXTINGUISHER (FE INSTAL. DET.

PLAN KEY

STATE OF OHIO — REGISTERED ARCHITECT

PRINTING
10-9-86

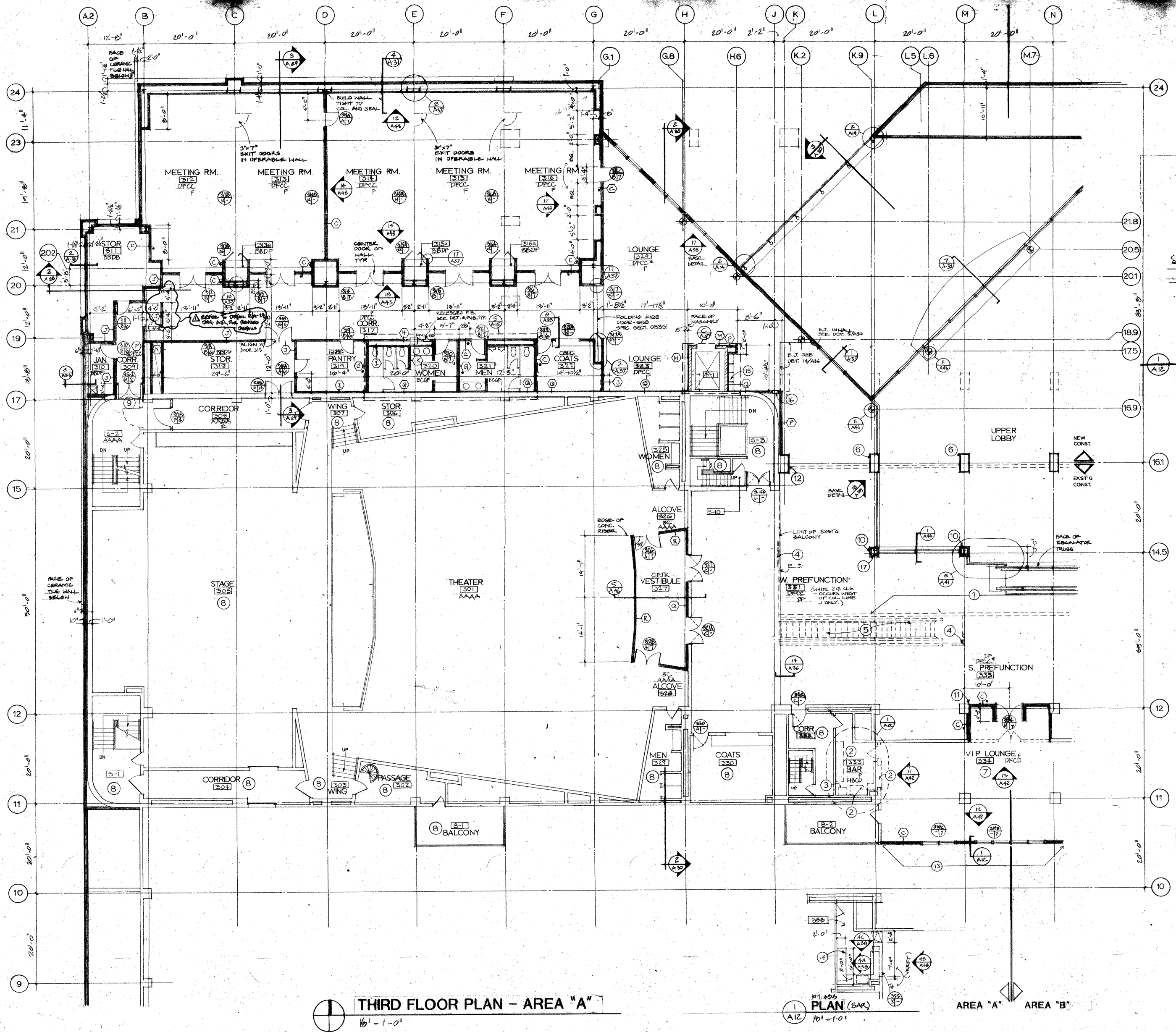
REVISIONS
⚠ 11-1-88 RECORD DRG. REVISIONS

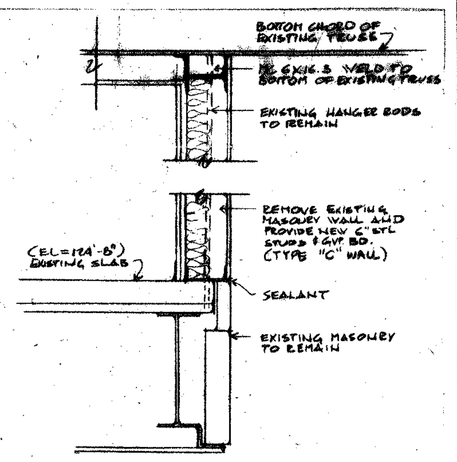
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/461-5866

DATE JUNE 6, 1988
DRAWN BY
CHECKED BY
PROJECT NO. 87411.00

A 11





1 / A12 **WALL DETAIL** @ RM 334
1" : 1'-0"

GENERAL NOTES:

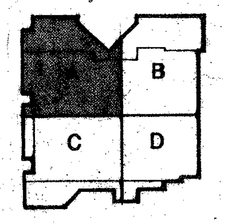
FLOOR PLANS

1. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD OR CONCRETE BLOCK OR CONCRETE WALL UNLESS NOTED OTHERWISE.
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF FINISH MATERIAL UNLESS NOTED OTHERWISE.
3. WHERE EXISTING WALLS ARE SHOWN TO BE REMOVED, CONTRACTOR SHALL PATCH SCARRED SURFACES TO MATCH ADJACENT FINISHES UNLESS NOTED OTHERWISE.
4. F.O.E.W. INDICATES FACE OF EXISTING WALL.
5. SEE REFLECTED CEILING PLANS FOR HEIGHTS OF WALLS. (ALL WALLS ARE FULL HEIGHT; TIGHT TO UNDERSIDE OF DECK ABOVE, UNLESS NOTED OTHERWISE.)
6. SEE SHEET A-15 (TOILET PLANS) FOR ADDITIONAL INFORMATION ON TOILET ROOMS.
7. SEE SHEET A-4 FOR FIRE WALL LOCATIONS AND

KEY NOTES:

THIRD FLOOR - AREA A

1. EXISTING "TILE MURAL" (OVER EXISTING WALL) TO BE REMOVED BY OWNER.
2. REMOVE EXISTING PLASTIC LAMINATE COUNTER OR CASEWORK.
3. REMOVE EXISTING SINK. SEE PLUMBING DRAWINGS.
4. REMOVE EXISTING METAL AND GLASS GUARD RAILING ALONG ENTIRE LENGTH OF EXISTING BALCONY AND ABANDON TO OWNER.
5. REMOVE EXISTING ESCALATOR AND ADJACENT WALL.
6. VENEER PLASTER SYSTEM OVER EXISTING CONCRETE COLUMN. TOTAL THICKNESS TO BE 5/8".
7. REMOVE ALL EXISTING VINYL WALL COVERING, WALL BASE, AND CEILING IN THIS ROOM.
8. NO NEW FINISH WORK REQUIRED IN THIS ROOM.
9. PROVIDE THESE FINISHES HERE: H B D F
10. VENEER PLASTER SYSTEM.
11. ALIGN FINISHED FACE OF NEW WALL WITH FINISHED FACE OF EXISTING WALL.
12. VINYL WALL COVERING CONTINUES OVER THIS COLUMN.
13. SEE KEY NOTE NO. 15, SHEET A-15.
14. COORDINATE CASEWORK INSTALLATION WITH FOOD SERVICE CONTRACTOR.
15. FOUR TELEPHONE ENCLOSURES. SEE SPECIFICATION SECTION 10900.
16. RECESSED FIRE PROTECTION EQUIPMENT CABINET - SEE SHEET FP-8.
17. PROVIDE 48" HIGH CORNER GUARDS ON ALL FREESTANDING COLUMNS. SEE DETAIL 1 & 3/A8 AND SPECIFICATION SECTION 10900.



PLAN KEY

THIRD FLOOR PLAN - AREA "A"
1/8" - 1'-0"

1 / A12 **PLAN (BAR)**
1/8" = 1'-0"

AREA "A" AREA "B"

THIRD FLOOR AREA A

STATE OF OHIO REGISTERED ARCHITECT

PRINTING
6-9-86

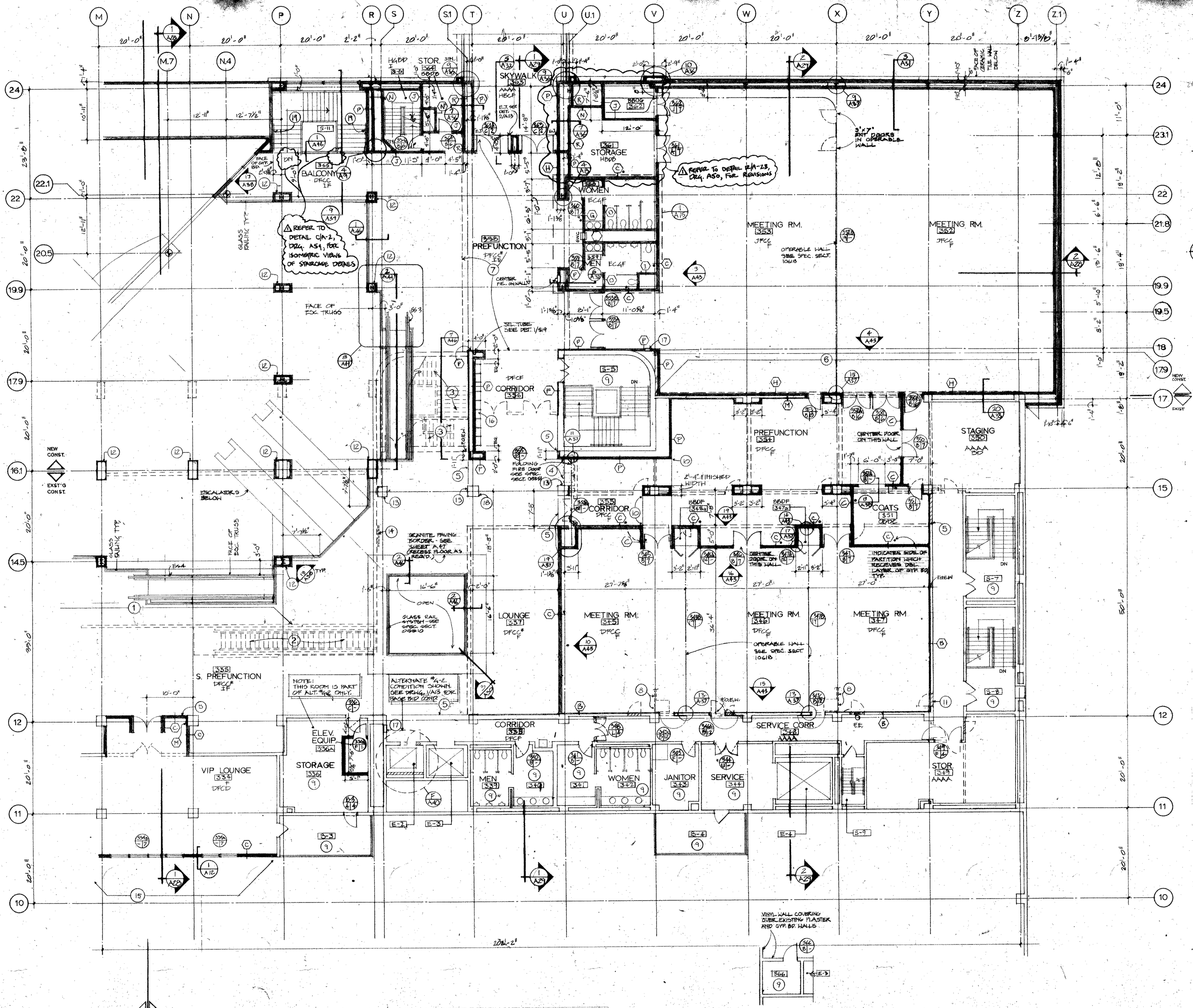
REVISIONS
1 11-1-88 REVISED DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
[illegible]

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 87411.00

A 12



FLOOR EXP. JT.

2 / A15 — 6" : 1'-0"

KEY NOTES:

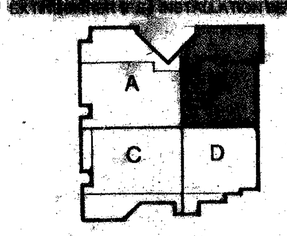
THIRD FLOOR - AREA B

1. EXISTING "TILE MURAL" (OVER EXISTING WALL) TO BE REMOVED BY OWNER.
2. REMOVE EXISTING ESCALATOR AND ADJACENT WALL.
3. REMOVE EXISTING STEEL STAIR AND STRUCTURE.
4. REMOVE EXISTING PHONES AND ENCLOSURE. ABANDON TO OWNER.
5. ALIGN FINISHED FACE OF NEW WALL WITH FINISHED FACE OF EXISTING WALL.
6. REMOVE EXISTING 6" PRECAST CONCRETE PANELS FULL HEIGHT OF WALL.
7. REMOVE EXISTING SKYWALK AND STRUCTURE WITHIN LIMITS SHOWN.
8. REMOVE EXISTING FOLDING WALL AND TRACK.
9. NO NEW FINISH WORK REQUIRED IN THIS ROOM.
10. ALIGN FINISHED FACES OF WALL.
11. PAINT NEW BLOCK INFILL WALL TO MATCH ADJACENT FINISHES, TYPICAL.
12. VENEER PLASTER SYSTEM.
13. PROVIDE VINYL WALL COVERING OVER EXISTING PLASTER COLUMN ENCLOSURES.
14. REMOVE EXISTING METAL AND GLASS GUARD RAILING ALONG ENTIRE LENGTH OF EXISTING BALCONY AND ABANDON TO OWNER.
15. REMOVE EXISTING 10'-4" HIGH, 8" CONCRETE BLOCK WALL FROM ELEVATION 124'-8". PROVIDE NEW WALL AS SHOWN. NOTE: EXISTING HANGER RODS IN BLOCK WALL TO REMAIN IN PLACE.
16. NINE TELEPHONE ENCLOSURES - SEE SPECIFICATION SECTION 10980.
17. RECESSED FIRE PROTECTION EQUIPMENT CABINET - SEE SHEET FP-9.
18. PROVIDE 48" H CORNER GUARDS ON ALL FREESTANDING COLUMNS SEE DET. 1/37A8 AND SPEC. SECT. 10900
19. PROVIDE HANDRAIL TO MATCH GUARD RAILS SEE SPEC. SECT. 05510.

GENERAL NOTES:

FLOOR PLANS

1. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD OR CONCRETE BLOCK OR CONCRETE WALL UNLESS NOTED OTHERWISE.
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF FINISH MATERIAL UNLESS NOTED OTHERWISE.
3. WHERE EXISTING WALLS ARE SHOWN TO BE REMOVED, CONTRACTOR SHALL PATCH SCARRED SURFACES TO MATCH ADJACENT FINISHES UNLESS NOTED OTHERWISE.
4. F.O.E.W. INDICATES FACE OF EXISTING WALL.
5. SEE REFLECTED CEILING PLANS FOR HEIGHTS OF WALLS. (ALL WALLS ARE FULL HEIGHT; TIGHT TO UNDERSIDE OF DECK ABOVE, UNLESS NOTED OTHERWISE.)
6. SEE SHEET A-15 (TOILET PLANS) FOR ADDITIONAL INFORMATION ON TOILET ROOMS.
7. SEE SHEET A-14 FOR WALL LOCATIONS
8. [illegible]



PLAN KEY

AREA "A" AREA "B"

THIRD FLOOR PLAN - AREA "B"

1/8" = 1'-0"

PARTIAL FLOOR PLAN-BASE BID

A15 — 1/8" : 1'-0"

STATE OF OHIO — LEONE EDGAR PORTER — REGISTERED ARCHITECT

PRINTING
6-9-86

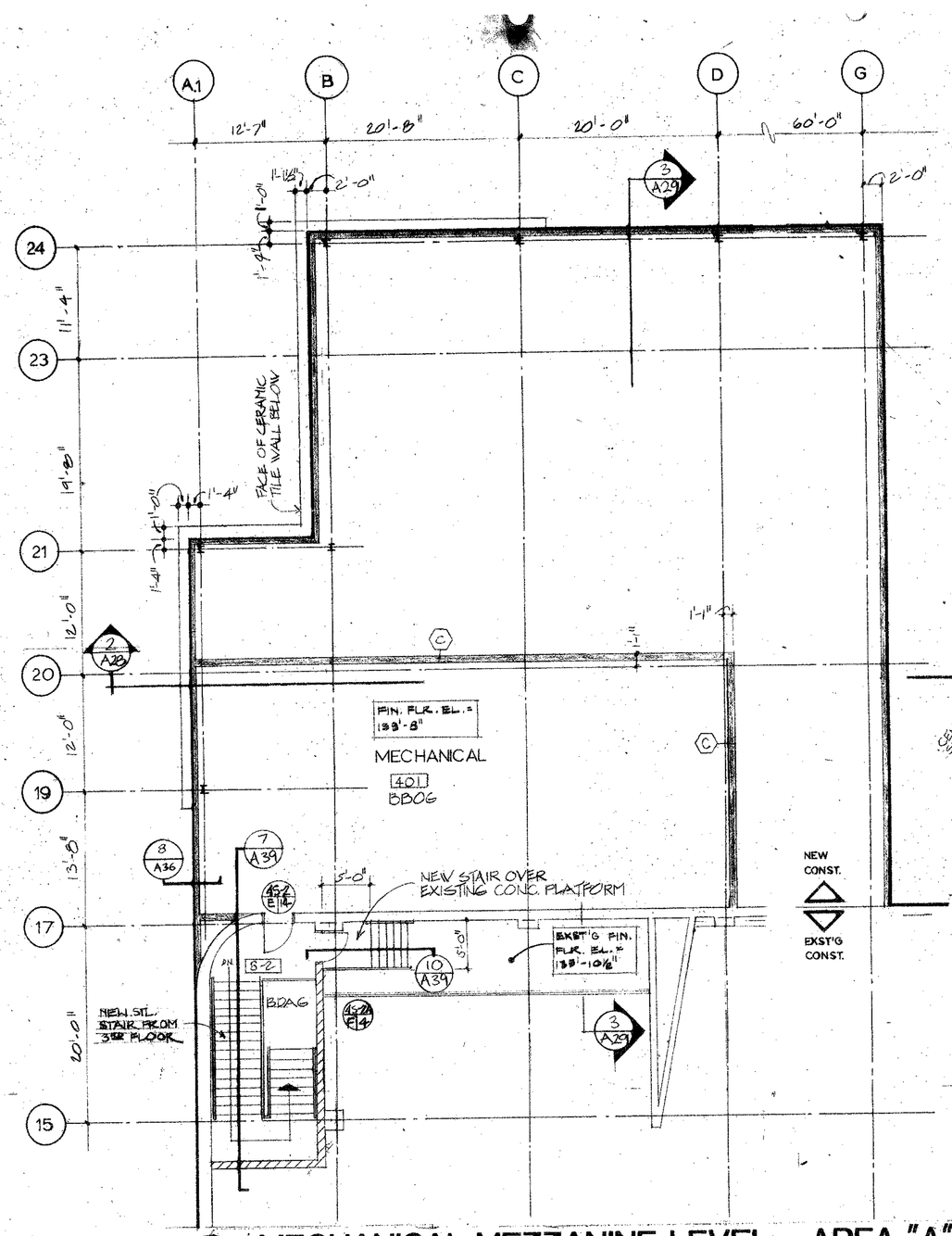
REVISIONS
1 11-1-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
[illegible]

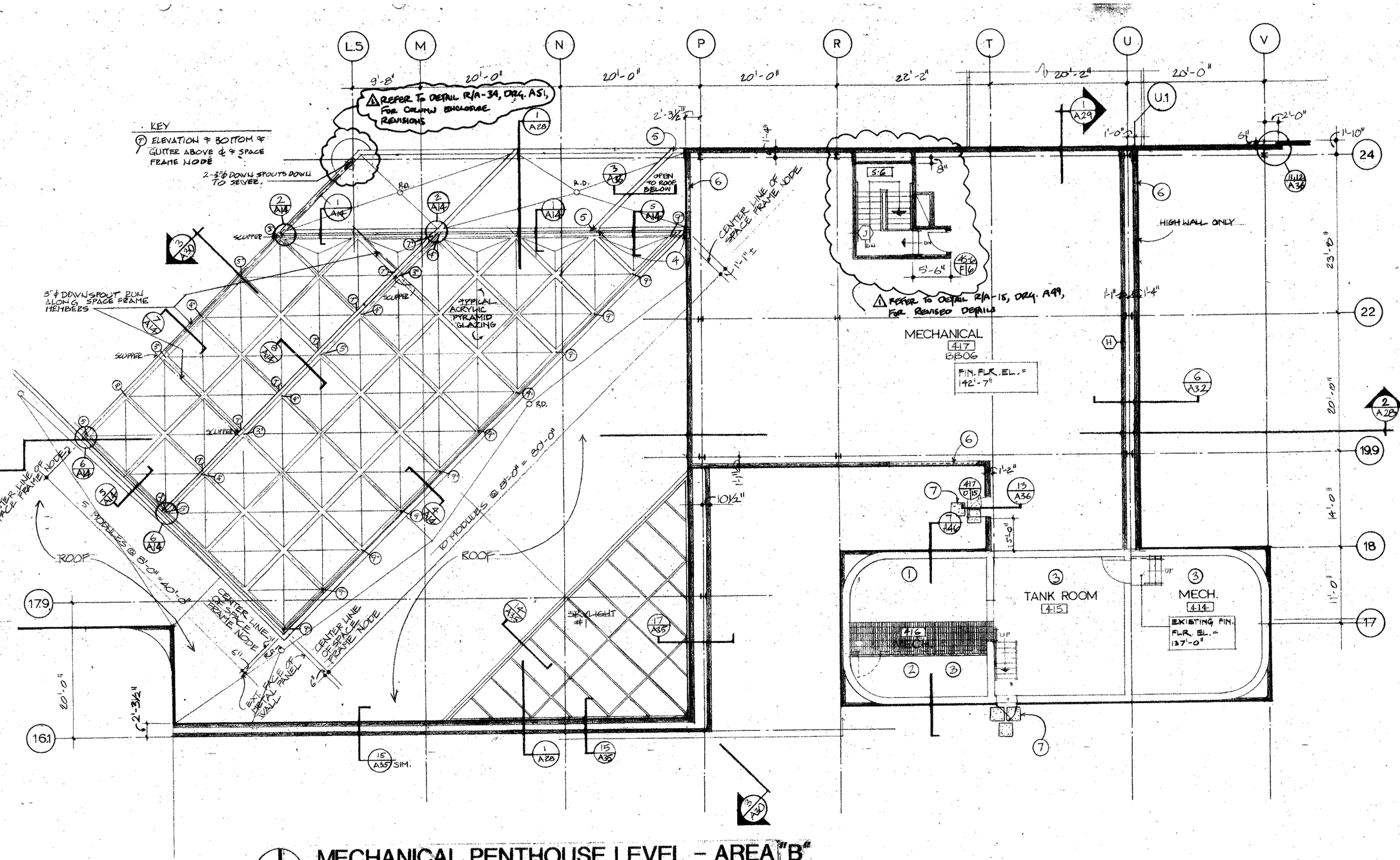
DATE JUNE 6, 1986
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CHECKED BY
PROJECT NO. 5741.00

A 13



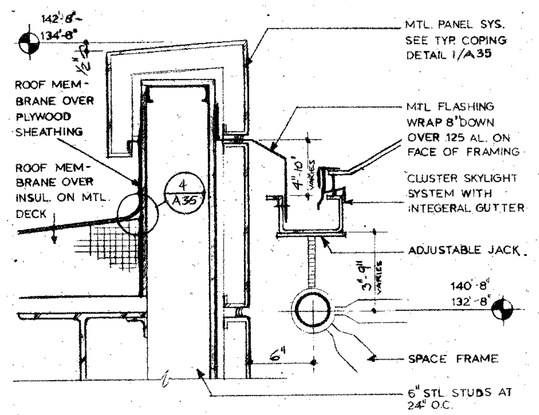
MECHANICAL MEZZANINE LEVEL - AREA "A"

1/8" = 1'-0"



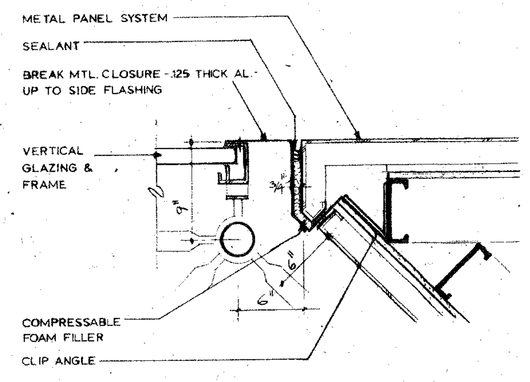
MECHANICAL PENTHOUSE LEVEL - AREA "B"

1/8" = 1'-0"



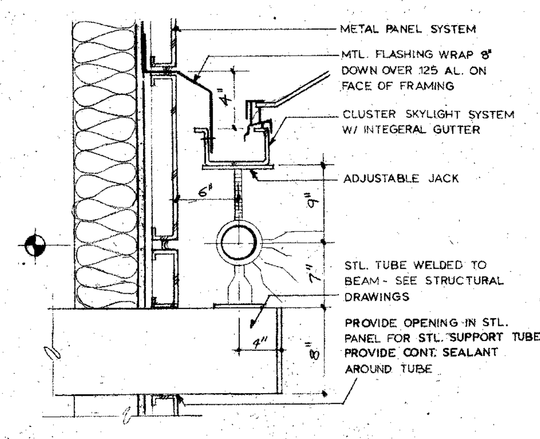
1 A14 SPACE FRAME DETAIL

1 1/2" : 1'-0"



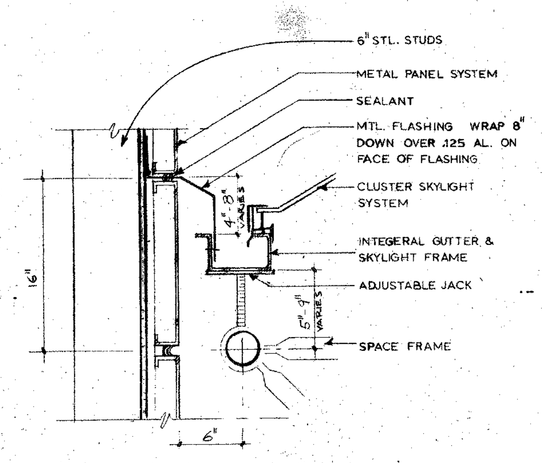
2 A14 SPACE FRAME PLAN DETAIL

1 1/2" : 1'-0"



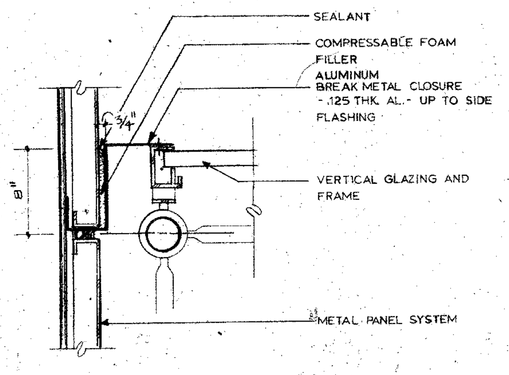
4 A14 SPACE FRAME DETAIL

1 1/2" : 1'-0"



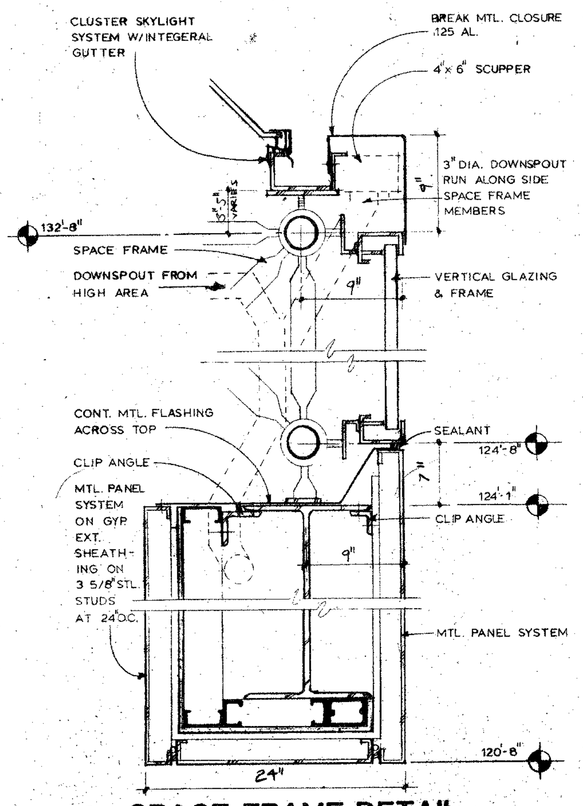
5 A14 SPACE FRAME DETAIL

1 1/2" : 1'-0"



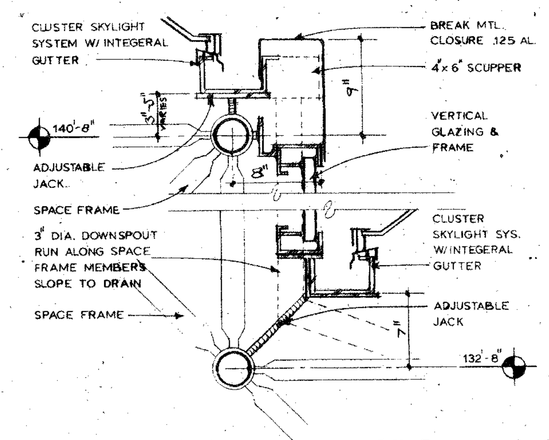
6 A14 SPACE FRAME PLAN DETAIL

1 1/2" : 1'-0"



7 A14 SPACE FRAME DETAIL

1 1/2" : 1'-0"



8 A14 SPACE FRAME DETAILS

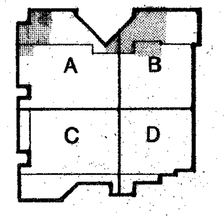
1 1/2" : 1'-0"

SEE SHEET A-5 FOR FIRE WALL LOCATIONS AND SHEET A-4 FOR WALL TYPES

KEY NOTES:

MECHANICAL MEZZANINE/PENTHOUSE LEVEL

1. REMOVE EXISTING CONCRETE FLOOR AND STEEL STRUCTURE.
2. EXISTING STAIR TO BE REMOVED.
3. NO NEW FINISH WORK REQUIRED IN THIS ROOM.
4. PROVIDE 6" STL. STUDS AT 12" O.C. EVERY OTHER STUD TO EXTEND DOWN TO ELEV. 132'-8"
5. PROVIDE TRIPLE 6" STL. STUD AT CORNERS
6. MECHANICAL LOUVER SEE SHEET H-11
7. SEE ROOF PLAN DWG. SHEET A41 FOR LAYOUT OF WALK-WAY TREADS.



PLAN KEY

STATE OF OHIO
LEVIN - 2353
PORTER - 3295
REGISTERED ARCHITECTS

PRINTING
10-9-86

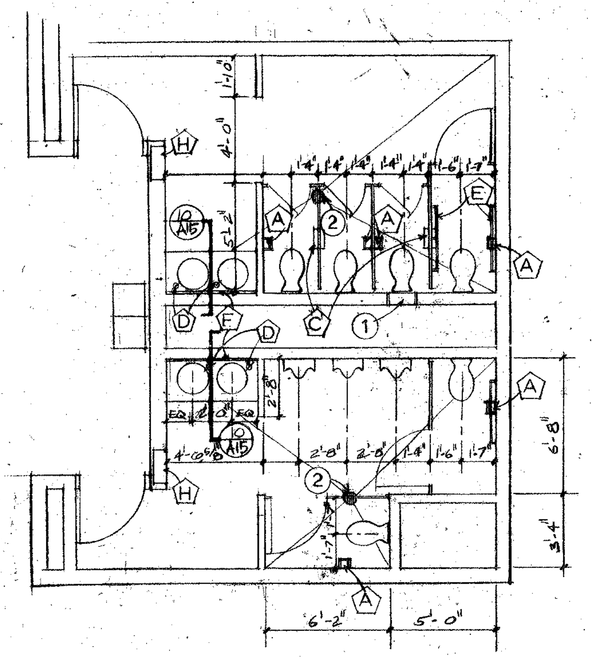
REVISIONS
⚠ 11-1-86 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

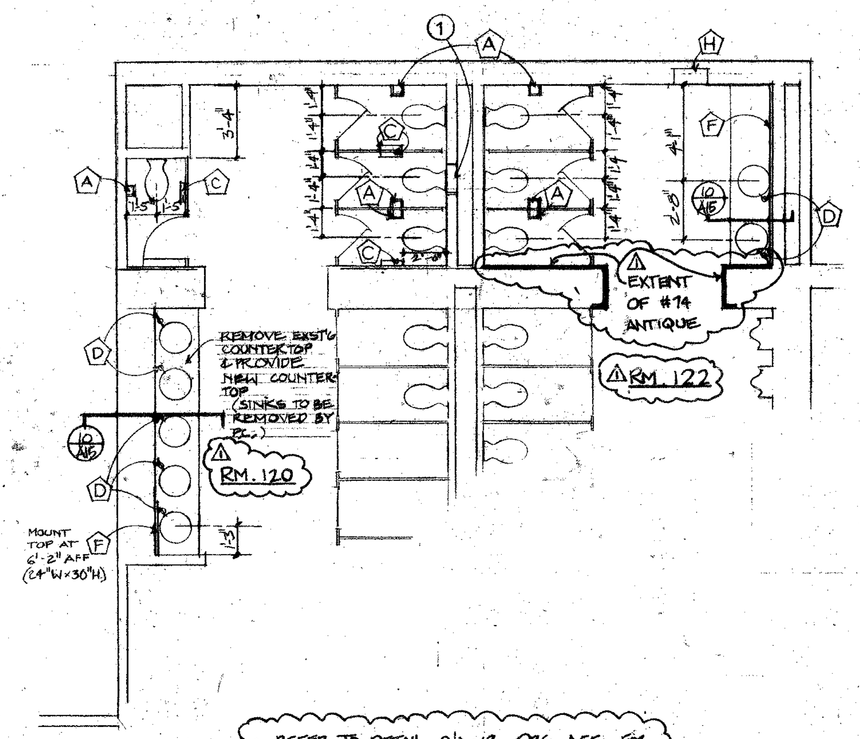
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
(513) 224-1431

DATE JUNE 9, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

A 14

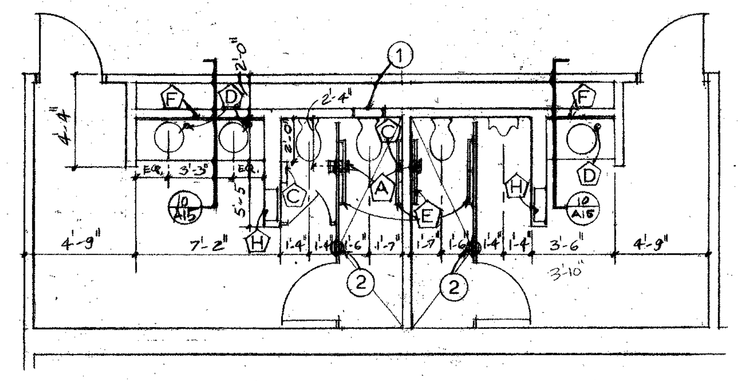


1 TOILET PLAN – RM. 359/360
1/4" : 1'

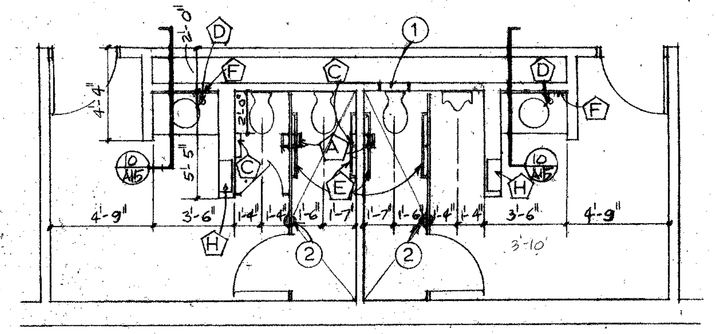


⚠ REFER TO DETAIL C/A-13, ORG. A55, FOR CLARIFICATION DETAILS

2 TOILET PLAN – RM. 12 120/122
1/4" : 1'



3 TOILET PLAN – RM. 106/107
1/4" : 1'

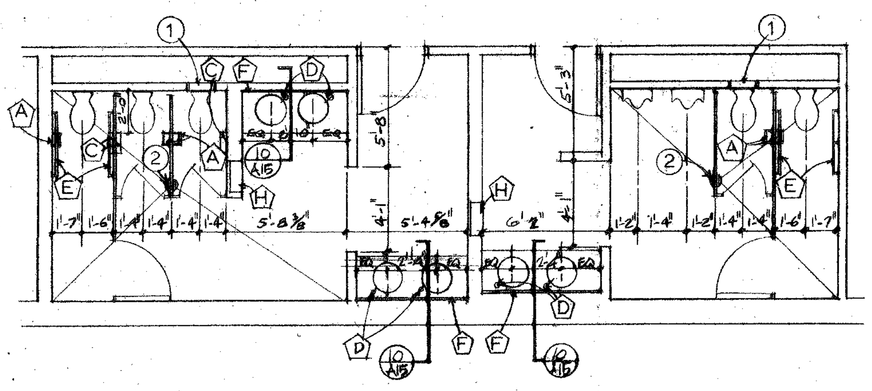


4 TOILET PLAN – RM. 215/216
1/4" : 1'

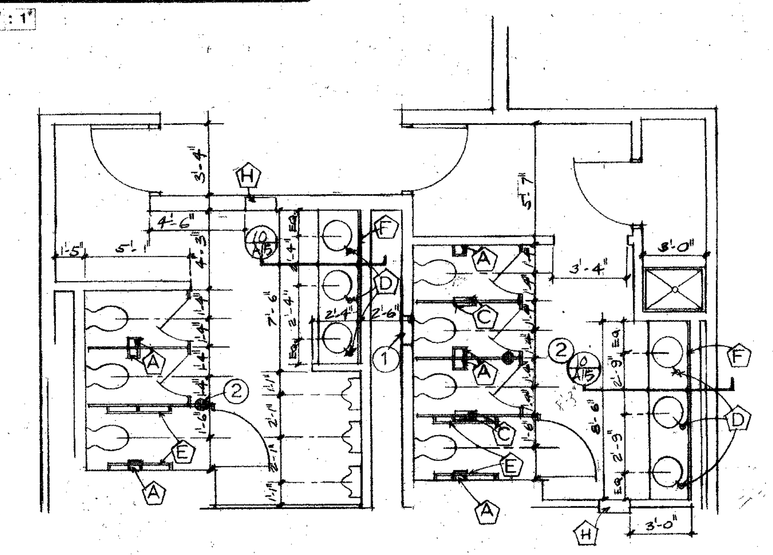
9 TOILET PLAN – RM. 221
1/4" : 1'

8 TOILET PLAN – RM. 241/242
1/4" : 1'

7 TOILET PLAN – RM. 184/185
1/4" : 1'



5 TOILET PLAN – RM. 320/321
1/4" : 1'



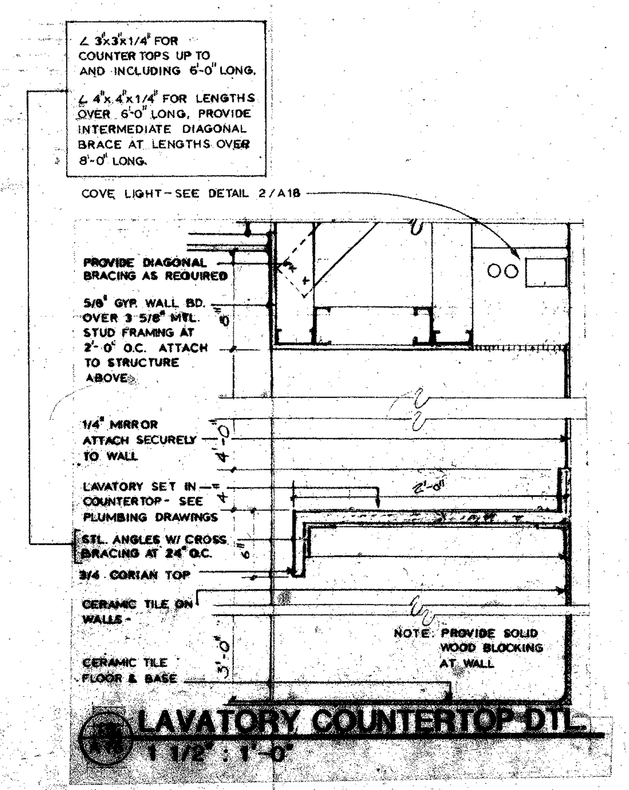
6 TOILET PLAN – RM. 149/150
1/4" : 1'

GENERAL NOTES

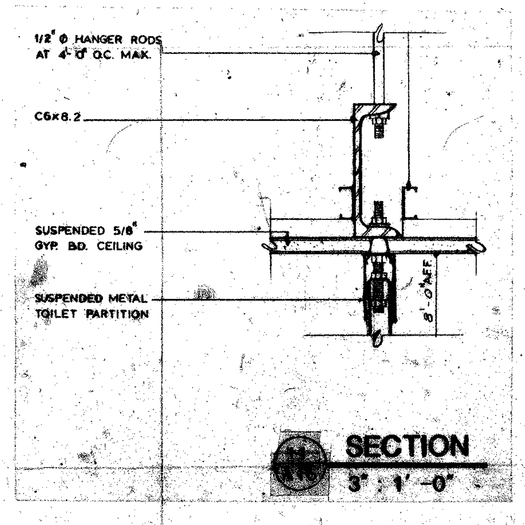
1. ⬠ INDICATES A TOILET ACCESSORY ITEM. SEE SPECIFICATION SECTION 10800 FOR SCHEDULE.
2. REFER TO FLOOR PLANS AND REFLECTED CEILING PLANS FOR ADDITIONAL WALL INFORMATION.

KEY NOTES

1. 16"x20" ACCESS DOOR. TOP AT 5'-4" AFF.
2. FLOOR DRAIN BY PLUMBING CONT'R. G.C. TO SLOPE FLOOR TO DRAIN
3. METAL LOCKERS, SEE SPECIFICATION SECTION 10500
4. WOOD BENCHES - SEE DET. 1/A8C



LAVATORY COUNTERTOP DTL.
1 1/2" : 1'-0"



SECTION
3" : 1'-0"

STATE OF OHIO
LEVIN - 2353
PORTER - 2355
REGISTERED ARCHITECTS

PRINTING
6·9·86

REVISIONS
⚠ 11-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224-1931

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

A 15

⚠ REFER TO DETAIL R/A-10, DWG. A99, FOR REVISED DETAILS

PROVIDE TYPE "1" CEILING IN THIS AREA. EXACT GRID LAYOUT TO BE DETERMINED BY ARCHITECT. AT 8'-9" A.F.F.

PANELS THIS AREA TO BE REMOVABLE. PROVIDE REMOVABLE FILLER CHANNELS JOINTS IN LIEU OF SEALANT.

EXISTING PLASTER CEILING

EXISTING PLASTER CEILING

DRYVIT

DRYVIT

EXISTING ACOUSTICAL CEILING

OPEN

OPEN

OPEN

OPEN

OPEN

AREA "A" AREA "B"

REFLECTED CEILING PLAN LEGEND

- 2'x4' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE
- 2'x2' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE.
- 1'x1' CONCEALED SPLINE ACOUSTICAL CEILING.
- GYPSUM BOARD CEILINGS & SOFFITS, ETC.
- CERAMIC TILE SOFFIT
- METAL PANEL SOFFIT
- GYPSUM BOARD EXTENDING TO 4" ABOVE FINISH CEILING. STUDS TO CONTINUE TO STRUCTURE OR TO BE ERACED
- RECESSED FLOURESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- RETURN AIR OR EXHAUST FAN GRILLE
- SUPPLY AIR, SLOT DIFFUSER
- SPRINKLER HEAD
- RECESSED SPEAKER
- SMOKE DETECTOR

PLAN KEY

A B C D

REFLECTED CEILING FIRST FLOOR PLAN - AREA "A"

1/8" = 1'-0"

STATE OF OHIO
LEWIS PORTER
REGISTERED ARCHITECT

PRINTING
6-9-86

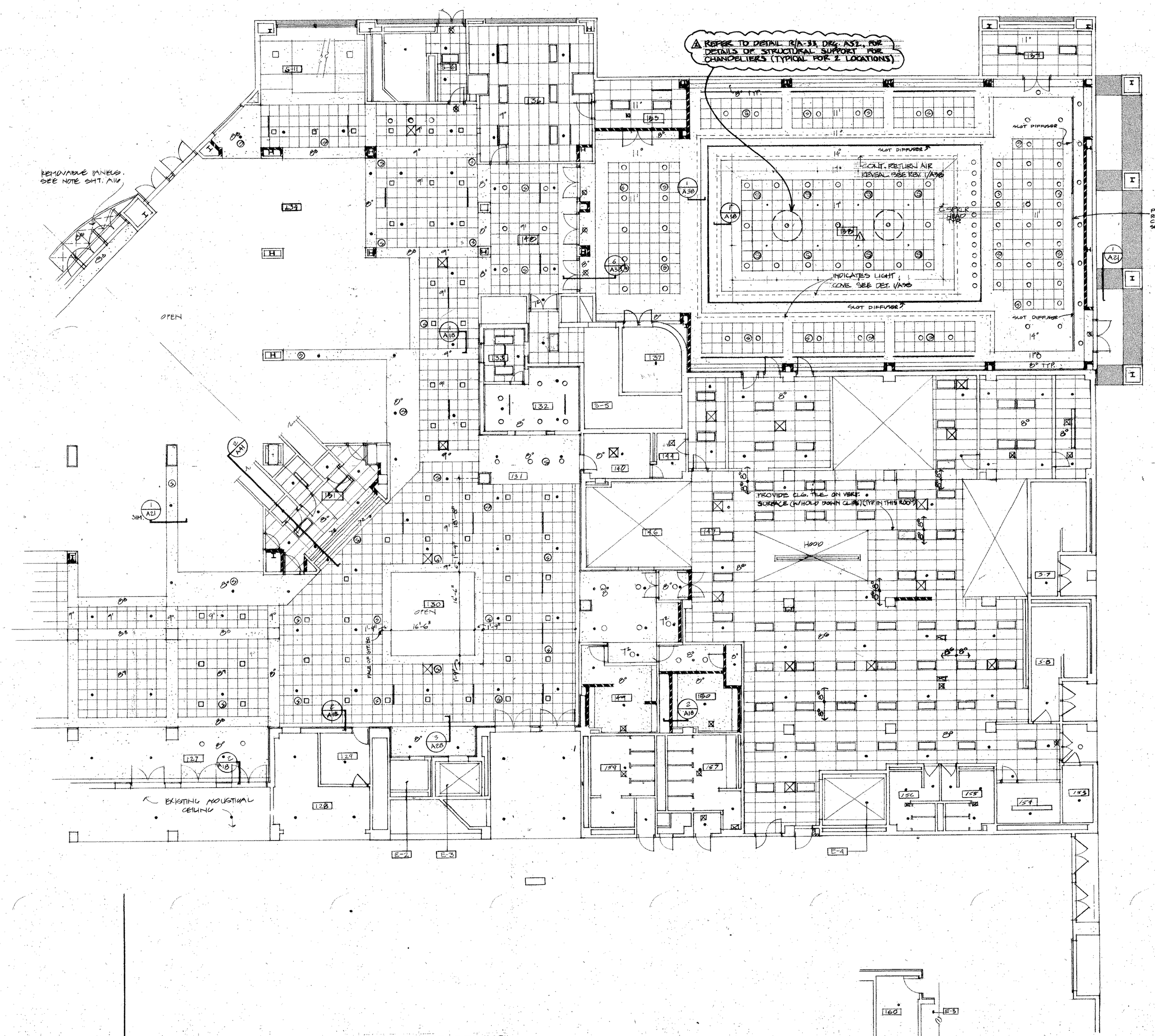
REVISIONS
⚠ 11-1-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

DATE JUNE 6, 1988
DRAWN BY
CHECKED BY
PROJECT NO.
5741.00

A 16



REFLECTED CEILING PLAN

LEGEND

- 2'x4' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE
- 2'x2' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE.
- 1'x1' CONCEALED SPLINE ACOUSTICAL CEILING.
- GYPSUM BOARD CEILINGS & SOFFITS, ETC.
- CERAMIC TILE SOFFIT
- METAL PANEL SOFFIT
- GYPSUM BOARD EXTENDING TO 4" ABOVE FINISH CEILING. STUDS TO CONTINUE TO STRUCTURE OR TO BE BRACED
- RECESSED FLOURESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- RETURN AIR OR EXHAUST FAN GRILLE
- SUPPLY AIR SLOT DIFFUSER
- SPRINKLER HEAD
- RECESSED SPEAKER
- SMOKE DETECTOR

AREA "A" AREA "B"

REFLECTED CEILING
FIRST FLOOR PLAN - AREA "B"
1/8" = 1'-0"

PARTIAL REFL. CLG. PLAN
1/8" : 1'-0"

PLAN KEY

STATE OF OHIO
LEVIN · 2353
PORTER · 3255
REGISTERED ARCHITECT

PRINTING
6·9·86

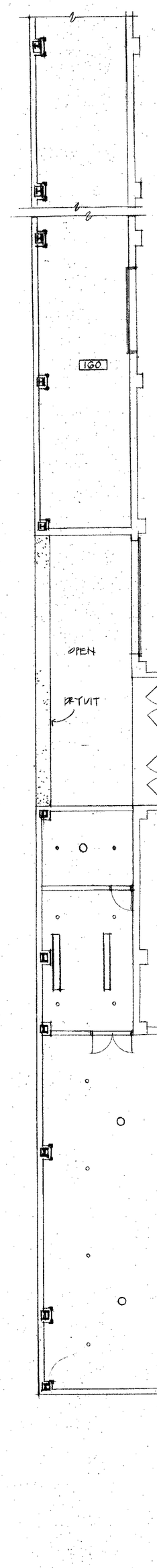
REVISIONS
⚠ 9-12-87 RM 1130
⚠ 11-1-88 RECORD DRG. REVISIONS

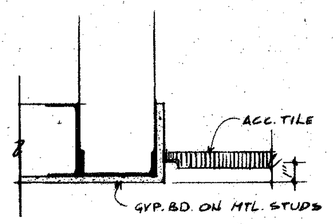
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224 1551

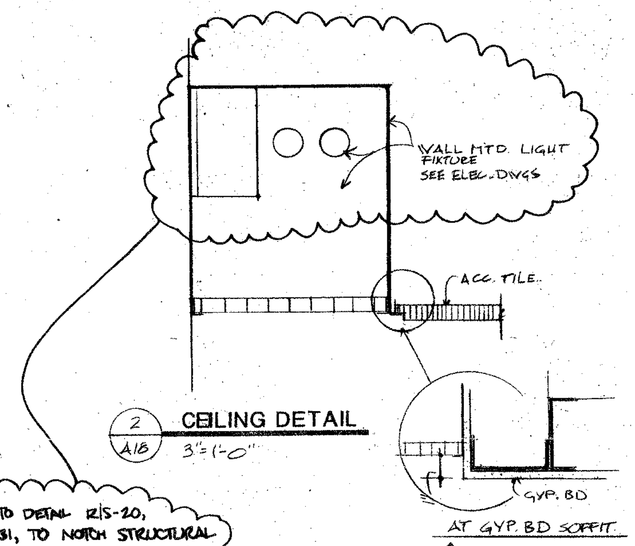
DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO.
57411.00

A 17

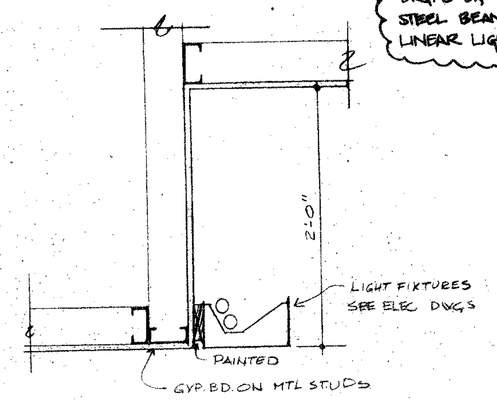




1 A18 **CEILING DETAIL**
3"=1'-0"

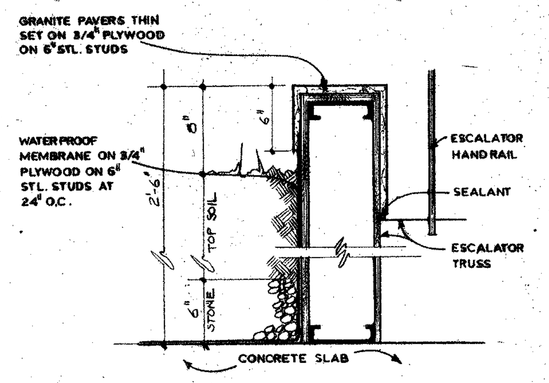


2 A18 **CEILING DETAIL**
3"=1'-0"

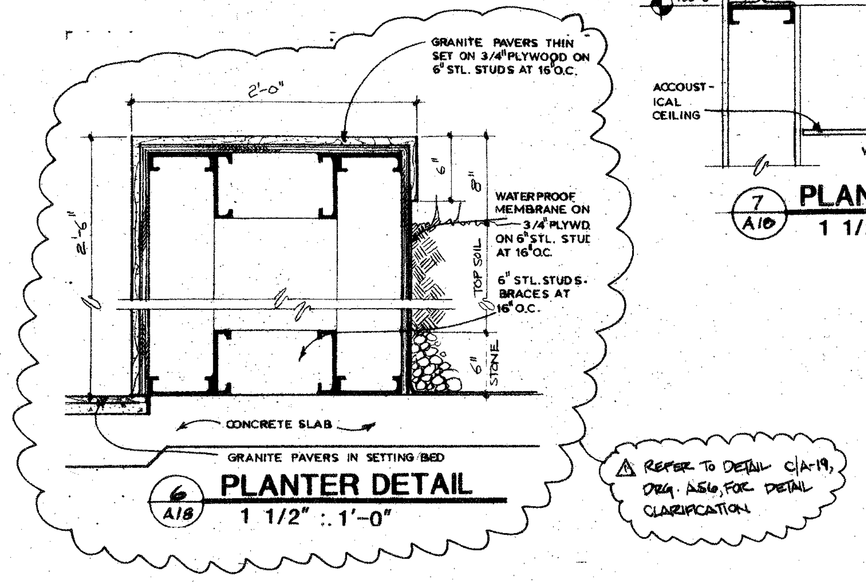


3 A18 **CEILING DETAIL**
1½"=1'-0"

4 A18 **CEILING DETAIL**
3"=1'-0"

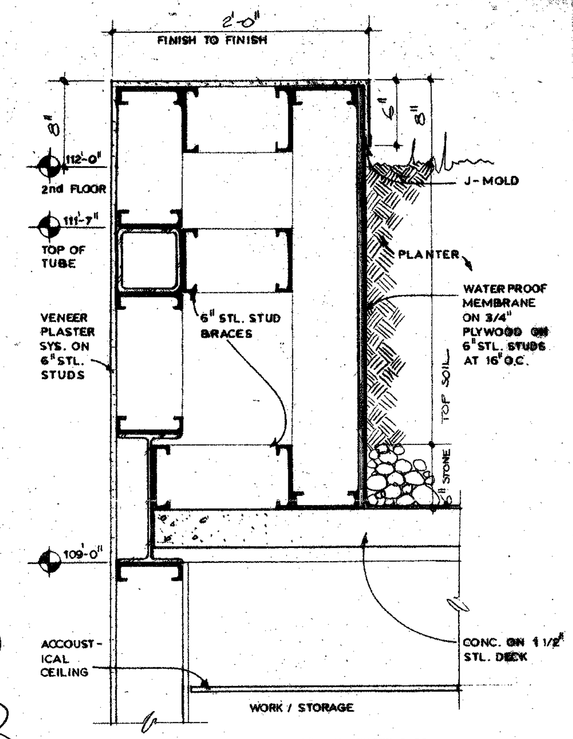


5 A18 **PLANTER DETAIL**
1 1/2" : 1'-0"

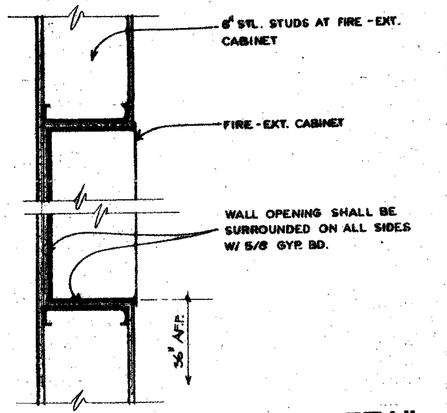


6 A18 **PLANTER DETAIL**
1 1/2" : 1'-0"

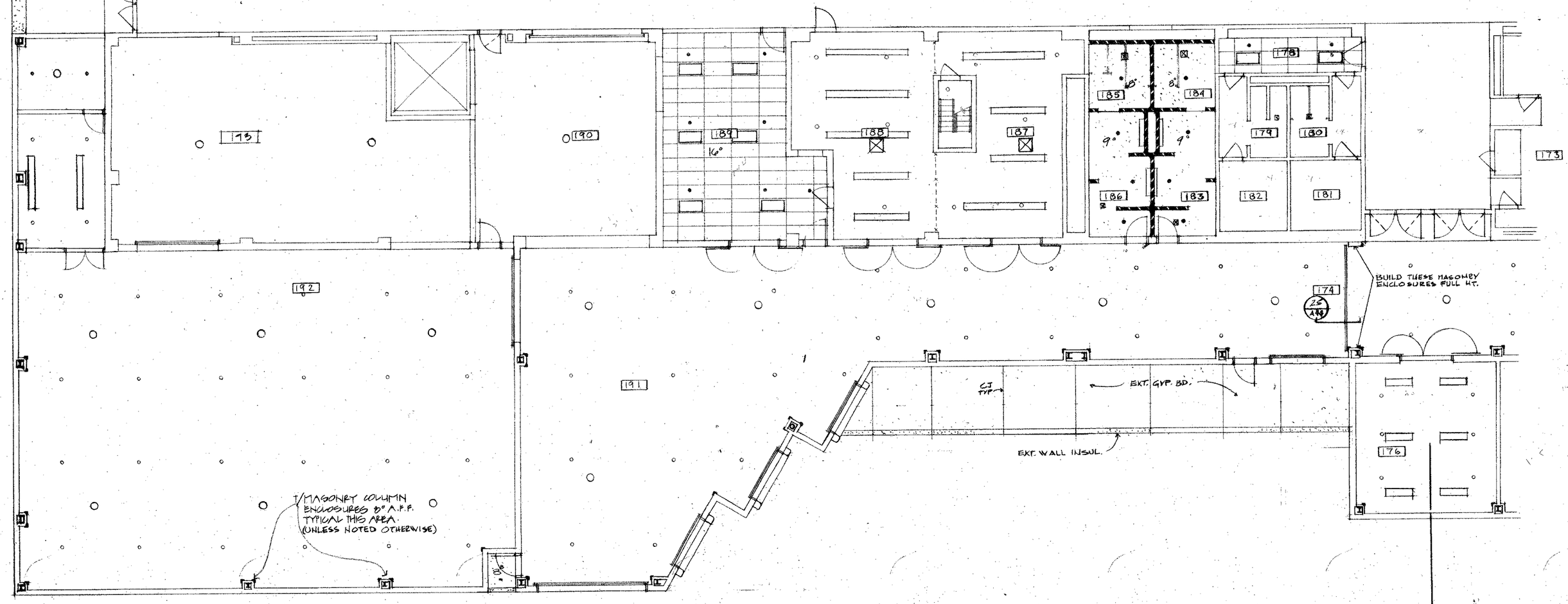
⚠ REFER TO DETAIL C/A-19, DRG. A56, FOR DETAIL CLARIFICATION



7 A18 **PLANTER DETAIL**
1 1/2" : 1'-0"



8 A18 **FIRE EXT. CAB. MTG. DETAIL**
1 1/2" : 1'-0"

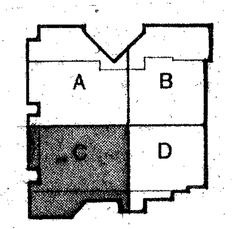


REFLECTED CEILING
FIRST FLOOR PLAN – AREA "C"
1/8" = 1'-0"

AREA "C" AREA "D"

REFLECTED CEILING PLAN
LEGEND

- 2'x4' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE
- 2'x2' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE.
- 1'x1' CONCEALED SPLINE ACOUSTICAL CEILING.
- GYPSUM BOARD CEILING & SOFFITS, ETC.
- CERAMIC TILE SOFFIT
- METAL PANEL SOFFIT
- GYPSUM BOARD EXTENDING 12" ABOVE FINISH CEILING. STUDS TO CONTINUE TO STRUCTURE OR TO BE BRACED
- RECESSED FLOURESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- RETURN AIR OR EXHAUST FAN GRILLE
- SUPPLY AIR SLOT DIFFUSER
- SPRINKLER HEAD
- (S) RECESSED SPEAKER
- (S) SMOKE DETECTOR



PLAN KEY

STATE OF OHIO
LEWIS · 2353
PORTER · 3255
REGISTERED ARCHITECTS

PRINTING
10-9-86

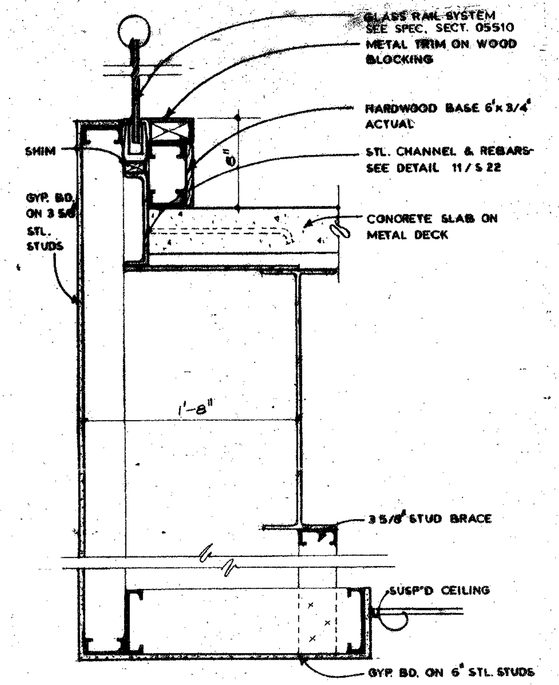
REVISIONS
⚠ 11-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
(513) 224-1951

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO.
57411.00

A 18



1 A19 **RAILING DETAIL**
1 1/2" : 1'-0"

2 A19 **JAMB – ROLLING GRILLE**
3" : 1'-0"

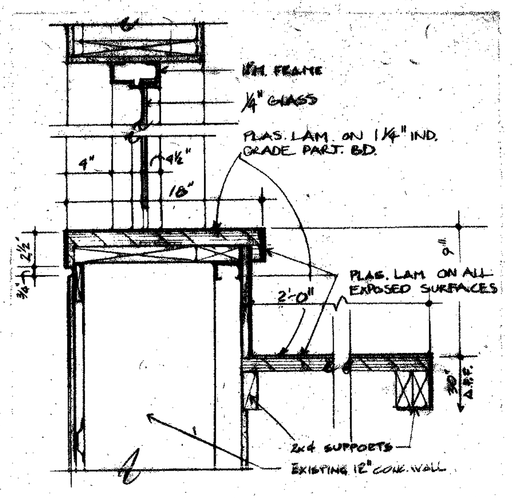
161

3 A19 **JAMB – ROLLING GRILLE**
3" : 1'-0"

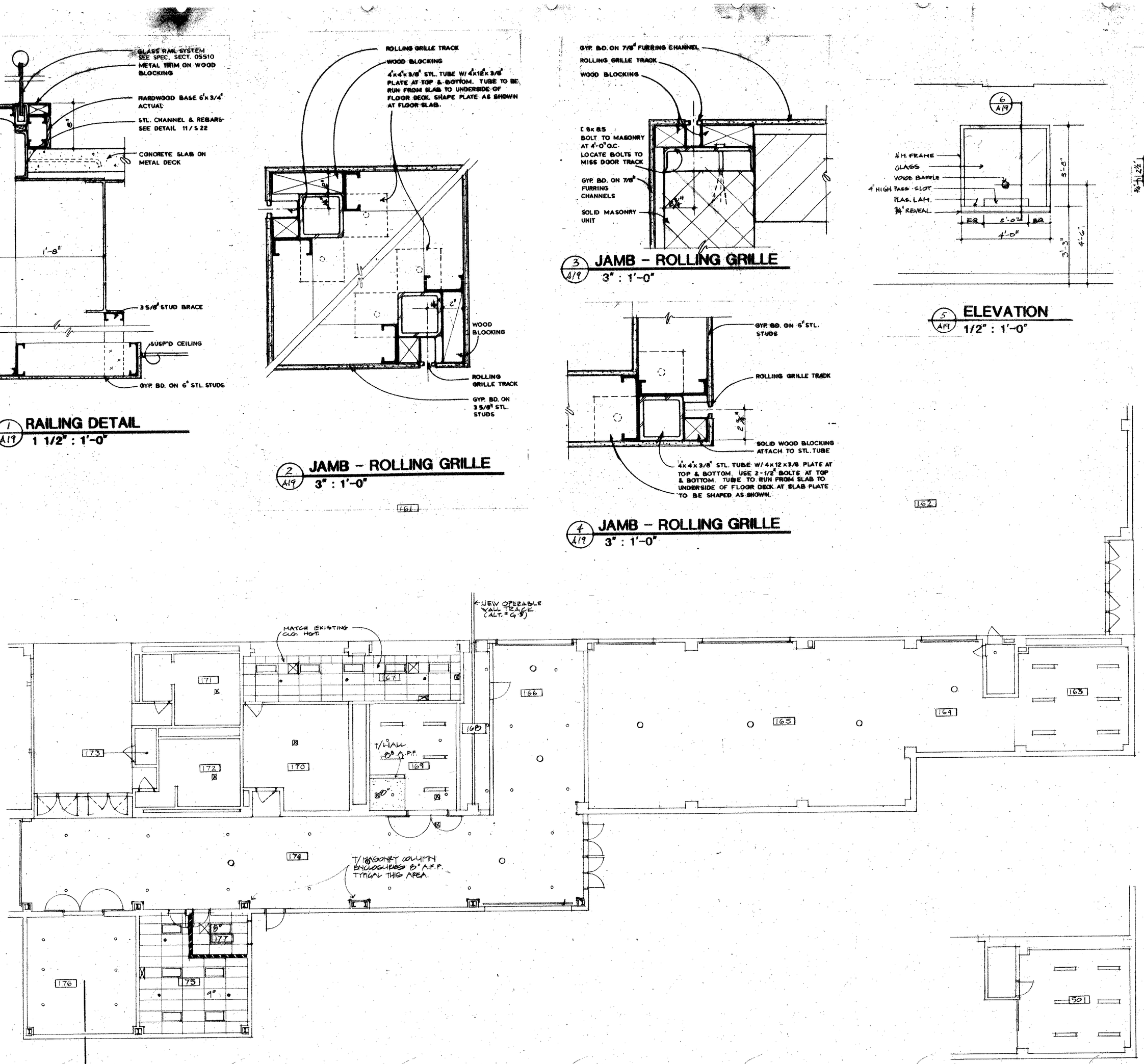
4 A19 **JAMB – ROLLING GRILLE**
3" : 1'-0"

5 A19 **ELEVATION**
1/2" : 1'-0"

162



6 A19 **SECTION**
1 1/2" : 1'-0"



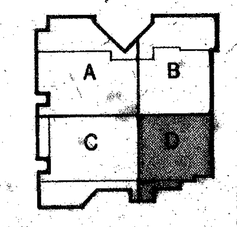
REFLECTED CEILING
FIRST FLOOR PLAN – AREA "D"
1/8" = 1'-0"

PART OF AREA "D"

REFLECTED CEILING PLAN

LEGEND

- 2'x4' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE
- 2'x2' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE.
- 1'x1' CONCEALED SPLINE ACOUSTICAL CEILING.
- GYPSUM BOARD CEILING & SOFFITS, ETC.
- CERAMIC TILE SOFFIT
- METAL PANEL SOFFIT
- GYPSUM BOARD EXTENDING TO 4" ABOVE FINISH CEILING. STUDS TO CONTINUE TO STRUCTURE OR TO BE BRACED
- RECESSED FLOURESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- RETURN AIR OR EXHAUST FAN GRILLE
- SUPPLY AIR SLOT DIFFUSER
- SPRINKLER HEAD
- RECESSED SPEAKER
- SMOKE DETECTOR



PLAN KEY

STATE OF OHIO
LEWIS ARCH
PORTER
REGISTERED ARCHITECT

PRINTING
6·9·86

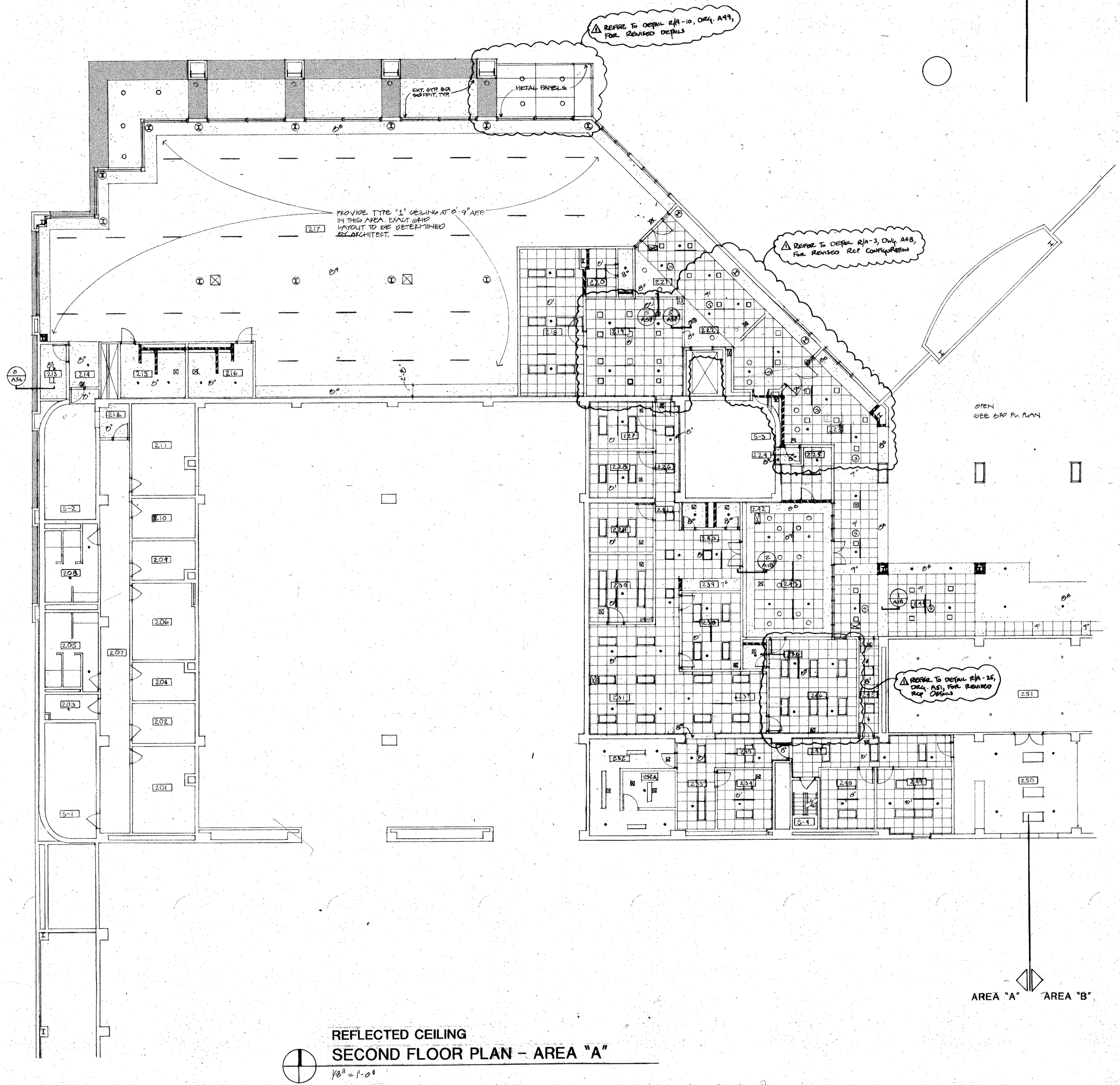
REVISIONS
△ NO RECORD DRW. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING
25 North Jefferson Street
Dayton, Ohio 45402
(513) 228-1193

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

A 19



REFLECTED CEILING

SECOND FLOOR PLAN - AREA "A"

1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

- 2'X4' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE
- 2'x2' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE.
- 1'x1' CONCEALED SPLINE ACOUSTICAL CEILING.
- GYPSUM BOARD CEILING & SOFFITS, ETC.
- CERAMIC TILE SOFFIT
- METAL PANEL SOFFIT
- GYPSUM BOARD EXTENDING TO 4" ABOVE FINISH CEILING. STUDS TO CONTINUE TO STRUCTURE OR TO BE BRACED
- RECESSED FLOURESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- RETURN AIR OR EXHAUST FAN GRILLE
- SUPPLY AIR SLOT DIFFUSER
- SPRINKLER HEAD
- RECESSED SPEAKER
- SMOKE DETECTOR

PLAN KEY

B C D

STATE OF OHIO
LEWIS - 2953
PORTER - 3255
REGISTERED ARCHITECTS

PRINTING
6.9.86

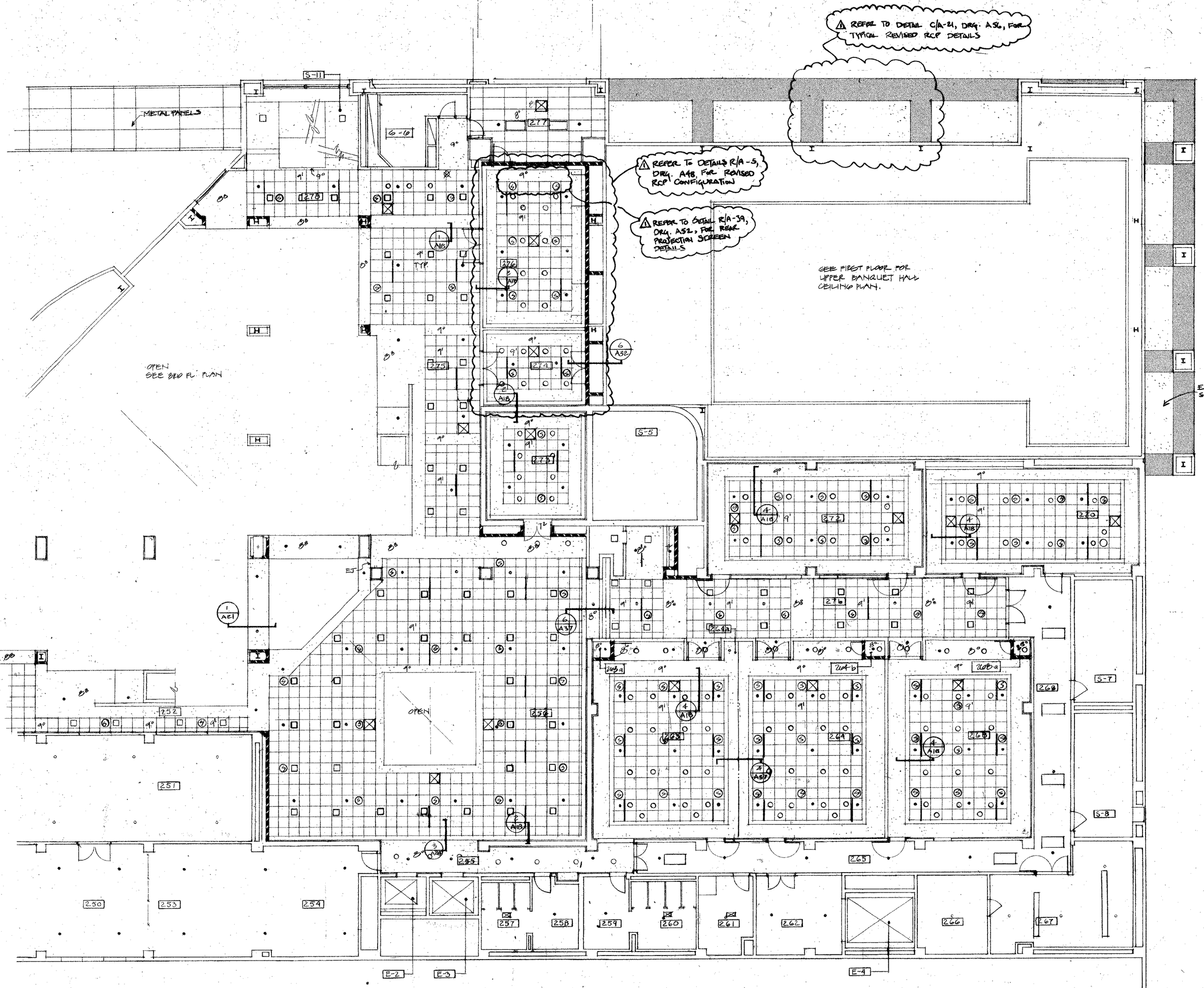
REVISIONS
⚠ 11-1-86 RECORD DRG. REVISIONS

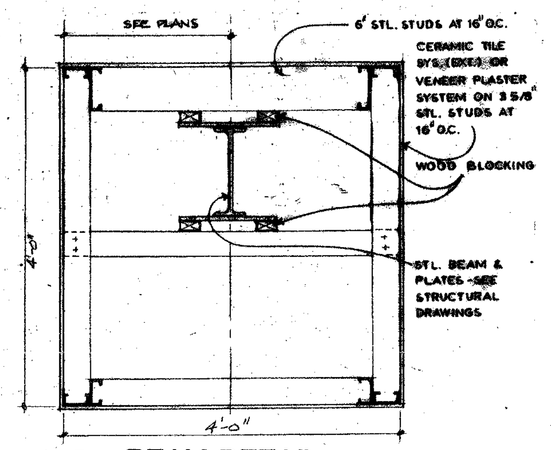
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
21 North Jefferson Street
Dayton, Ohio 45402
(513) 223-1901

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

A 20





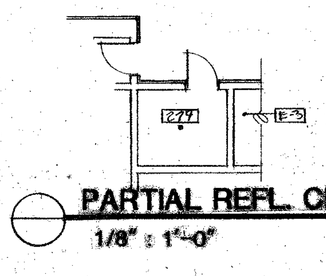
BEAM DETAIL
1" : 1'-0"

REFLECTED CEILING PLAN
LEGEND

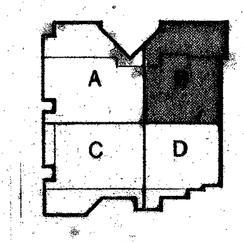
- 2'x4' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE
- 2'x2' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE.
- 1'x1' CONCEALED GRAINE ACOUSTICAL CEILING
- GYPSUM BOARD CEILING & SOFFITS, ETC.
- CERAMIC TILE SOFFIT
- METAL PANEL SOFFIT
- GYPSUM BOARD EXTENDING TO & ABOVE FINISH CEILING. STUDS TO CONTINUE TO STRUCTURE OR TO BE ENCASED
- RECESSED FLOURESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- RETURN AIR OR EXHAUST FAN GRILLE
- SUPPLY AIR SLOT DIFFUSER
- SPRINKLER HEAD
- RECESSED SPEAKER
- SMOKE DETECTOR

AREA "A" AREA "B"

REFLECTED CEILING
SECOND FLOOR PLAN - AREA "B"
1/8" = 1'-0"



PARTIAL REFL. CLG. PLAN
1/8" = 1'-0"



PLAN KEY

STATE OF OHIO
LOWE - 8863
PORTER - 5815
REGISTERED ARCHITECT

PRINTING
6-9-86

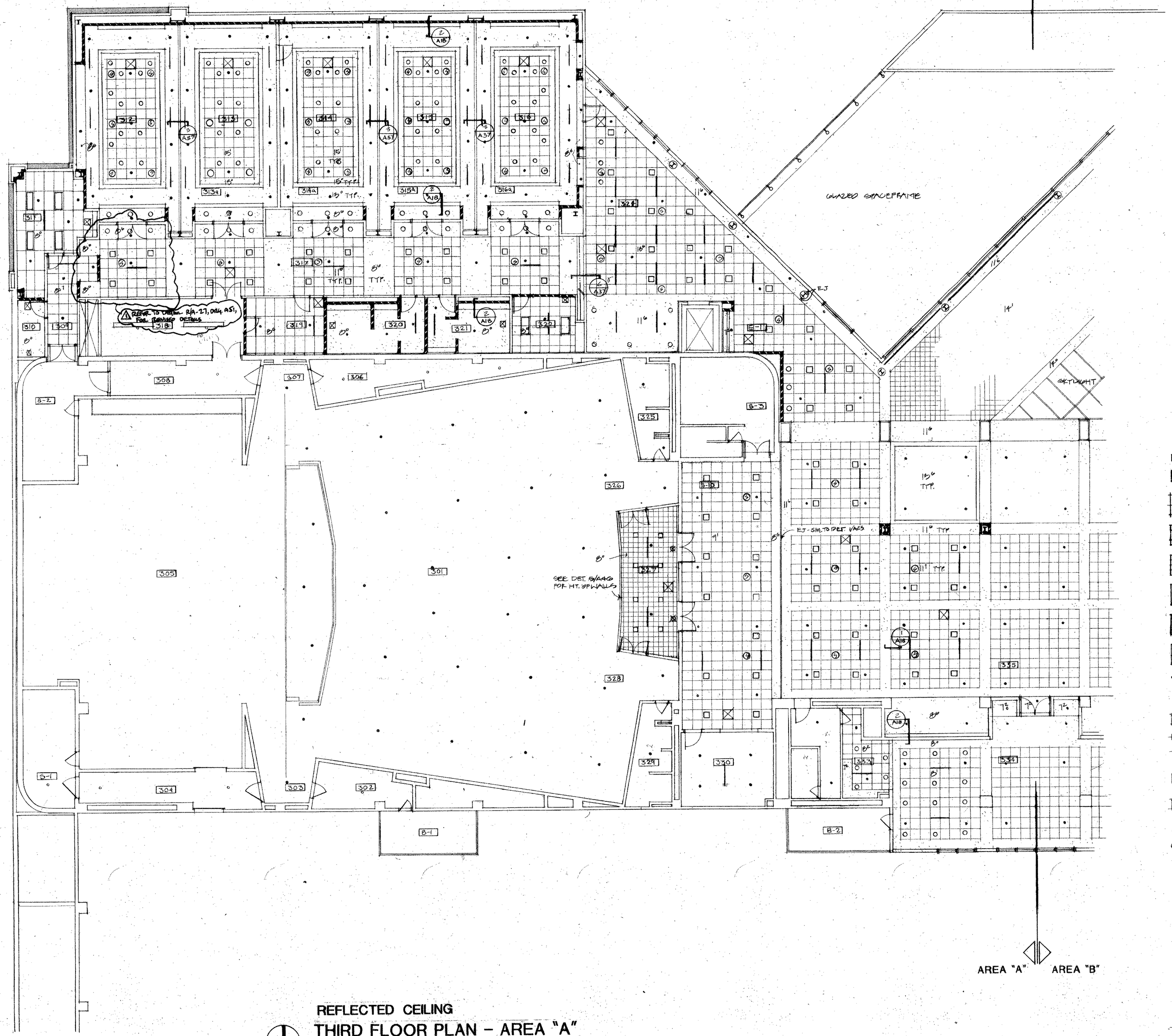
REVISIONS
⚠ 11-1-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES, INC.
ARCHITECTURE PLANNING
[illegible]

DATE JUNE 6, 1986
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CHECKED BY
PROJECT NO. 87411.00

A 21



REFLECTED CEILING

THIRD FLOOR PLAN – AREA "A"

1/8" = 1'-0"

REFLECTED CEILING PLAN

LEGEND

- 2'x4' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE
- 2'x2' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE.
- 1'x1' CONCEALED GRIDLINE ACOUSTICAL CEILING.
- GYPSUM BOARD CEILINGS & SOFFITS, ETC.
- CERAMIC TILE SOFFIT
- METAL PANEL SOFFIT
- GYPSUM BOARD EXTENDING TO 4" ABOVE FINISH CEILING. STUDS TO CONTINUE TO STRUCTURE OR TO BE BRACED
- RECESSED FLOURESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- RETURN AIR OR EXHAUST FAN GRILLE
- SUPPLY AIR SLOT DIFFUSER
- SPRINKLER HEAD
- RECESSED SPEAKER
- SMOKE DETECTOR

PLAN KEY

B | D | C

STATE OF OHIO
REGISTERED ARCHITECT

PRINTING
10-9-86

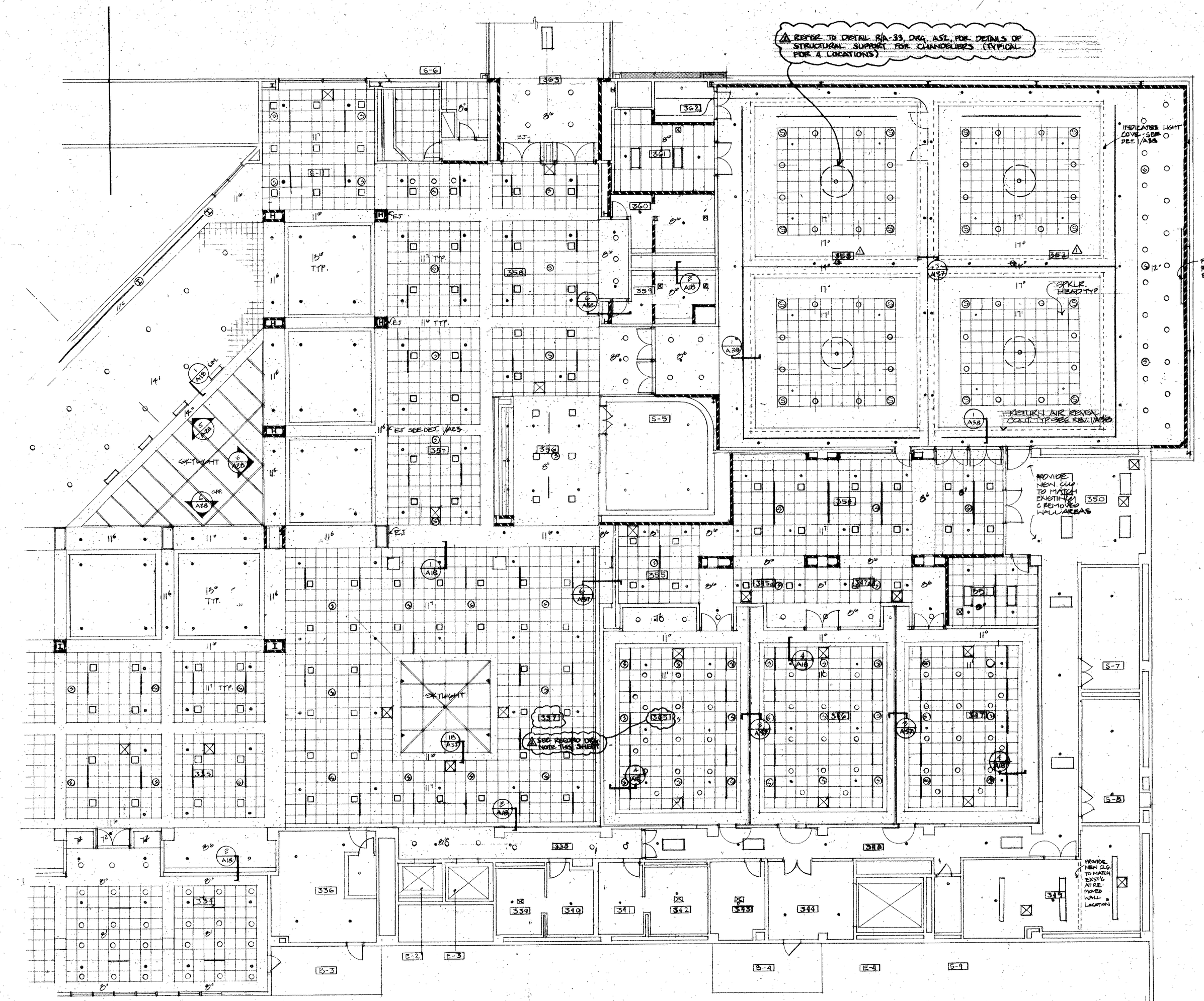
REVISIONS
⚠ 11-1-86 RECORD DRG. REVISIONS THIS SHEET.

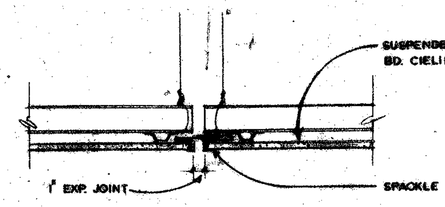
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
5TH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
25 North Jefferson Street
Dayton, Ohio 45402
(513) 461-7900

DATE JUNE 9, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 87411.00

A 22





1/A23 **CEILING DET.-EXP. JT.**
1 1/2" : 1'-0"

REFLECTED CEILING PLAN

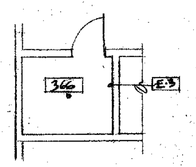
LEGEND

- 2'x4' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE
- 2'x2' ACOUSTICAL CEILING. SEE FINISH SCHEDULE FOR TYPE.
- 1'-1" CONCEALED GRID ACOUSTICAL CEILING.
- GYPSUM BOARD CEILING & SOFFITS, ETC.
- CERAMIC TILE SOFFIT
- METAL PANEL SOFFIT
- GYPSUM BOARD EXTENDING TO 4" ABOVE FINISH CEILING. STUDS TO CONTINUE TO STRUCTURE OR TO BE BRACED
- RECESSED FLOURESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- RETURN AIR OR EXHAUST FAN GRILLE
- SUPPLY AIR SLOT DIFFUSER
- SPRINKLER HEAD
- RECESSED SPEAKER
- SMOKE DETECTOR

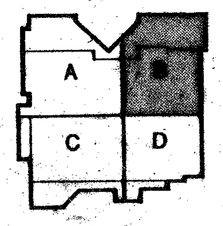
⚠ **RECORD DRG. NOTE**
REFER TO DETAIL R/AE-36, DRG. A52, FOR REVISED RCP FOR THESE AREAS

AREA "A" AREA "B"

REFLECTED CEILING
THIRD FLOOR PLAN - AREA "B"
1/8" - 1'-0"



PARTIAL REFL. CLG. PLAN
1/8" = 1'-0"



PLAN KEY

STATE OF OHIO
LOUIS - ERIC PORTER - ERIC
REGISTERED ARCHITECT

PRINTING
10-9-86

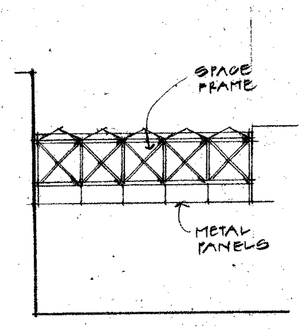
REVISIONS
⚠ 9-8-87 10-16 3534 352
⚠ 11-1-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
5TH AND MAIN STREETS
DAYTON, OHIO

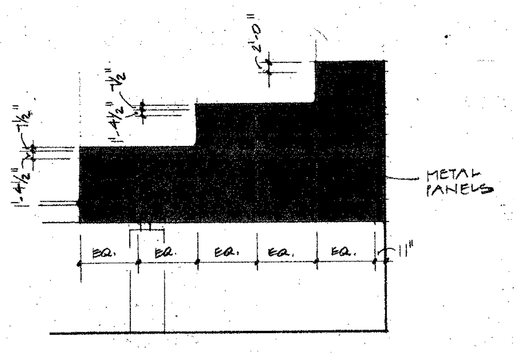
LEVIN · PORTER · ASSOCIATES, INC.
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
(513) 461-5866

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

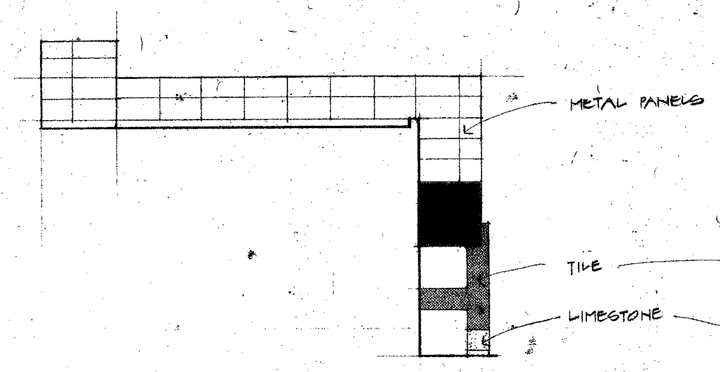
A 23



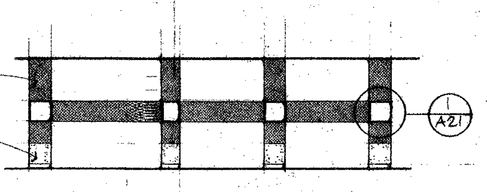
1 A24 **ELEVATION** 1/16" = 1'-0"



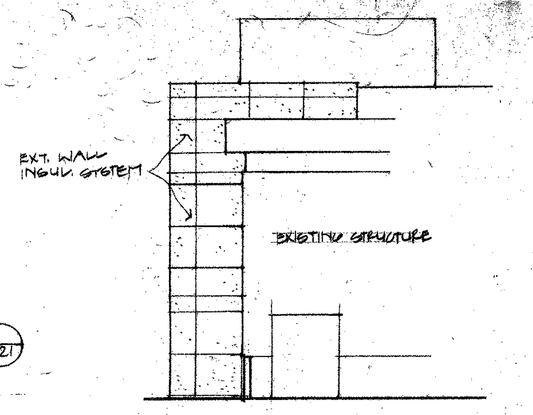
2 A24 **ELEVATION** 1/16" = 1'-0"



3 A24 **ELEVATION** 1/16" = 1'-0"



4 A24 **ELEVATION** 1/16" = 1'-0"

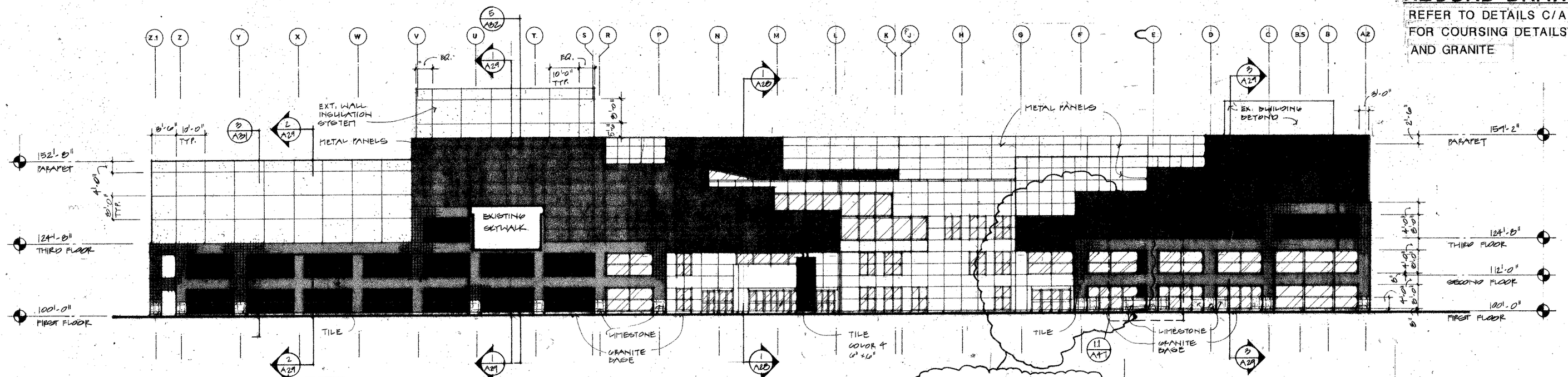


BASE BID PARTIAL

5 A24 **SOUTH ELEVATION** 1/16" = 1'-0"

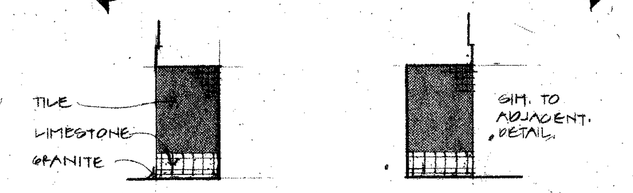
⚠ RECORD DRAWING DETAILS

REFER TO DETAILS C/A-9 THRU C/A-11, DRG. A55 FOR COURSING DETAILS FOR CERAMIC TILE AND GRANITE



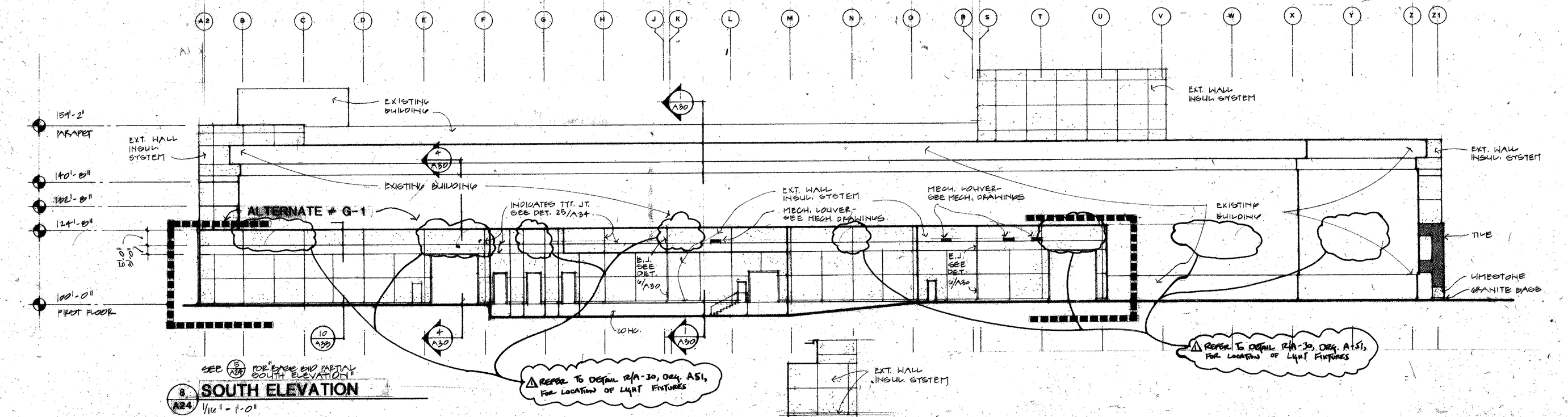
8 A24 **NORTH ELEVATION** 1/16" = 1'-0"

7 A24 **ELEVATION** 1/16" = 1'-0"



9 A24 **ELEVATION** 1/16" = 1'-0"

10 A24 **ELEVATION** 1/16" = 1'-0"



SEE 5/A24 FOR "BASE BID PARTIAL SOUTH ELEVATION"

8 A24 **SOUTH ELEVATION** 1/16" = 1'-0"

11 A24 **ELEVATION** 1/16" = 1'-0"

LEGEND

- COLOR 1
- COLOR 2 — METAL PANELS (4'-0" & 2'-0" UNLESS NOTED OTHERWISE.) (ALL DIMENSIONS TO ℄ OF JOINTS)
- CERAMIC TILE (SEE SHT. A47 FOR PATTERNS & COLOR INFORMATION.)
- EXTERIOR WALL INSUL. SYSTEM. (8'-0" x 10' UNLESS NOTED OTHERWISE.)
- LIMESTONE & GRANITE BASE. (COURSING ONLY BETWEEN 100'-0" & 124'-0" & SEE SHT. A47 FOR PATTERN.)
- BOARD

NOTES:

- SEE SHEET A5 FOR CROSS-REFERENCES OF THESE ELEVATIONS.
- SEE SHEET A20 FOR ADDITIONAL ELEVATION INFORMATION.
- SEE SHEET A47 FOR ELEVATION DETAILS OF TILE & LIMESTONE.

STATE OF OHIO REGISTERED ARCHITECT

PRINTING 6-9-86

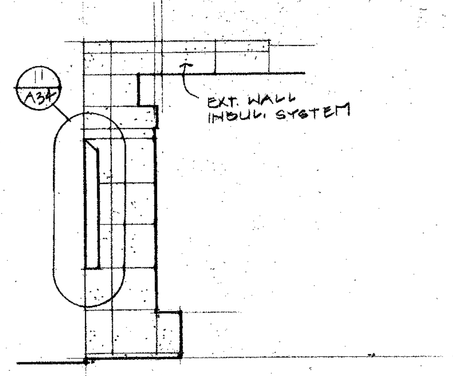
REVISIONS
⚠ 11-1-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF DAYTON CONVENTION CENTER

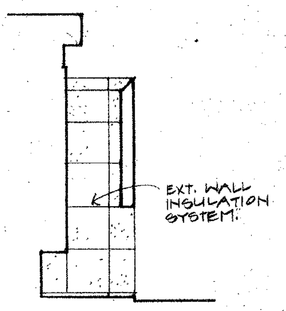
LEVIN · PORTER · ASSOCIATES · INC

DATE JUNE 1986
DRAWN
CHECKED
PROJECT
87411.00

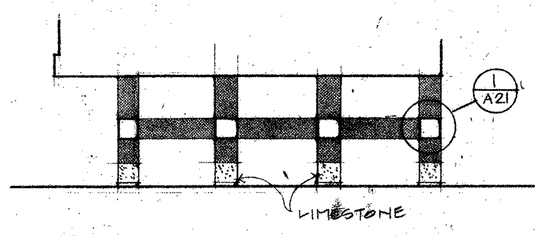
A 24



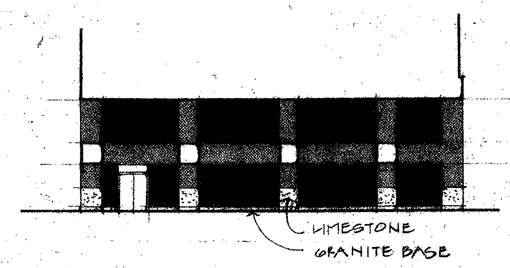
1 A25 **ELEVATION**
1/16" = 1'-0"



2 A25 **ELEVATION**
1/16" = 1'-0"



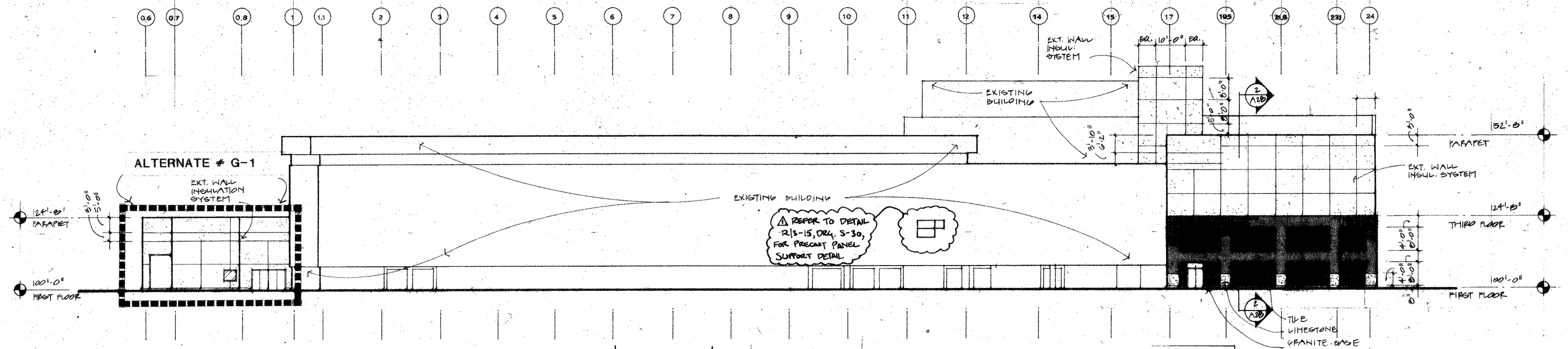
3 A25 **ELEVATION**
1/16" = 1'-0"



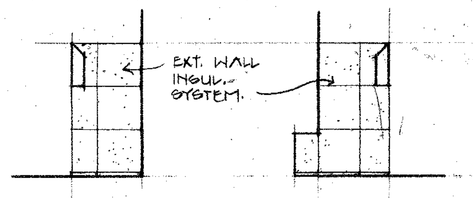
4 A25 **ELEVATION**
1/16" = 1'-0"

⚠ RECORD DRAWING DETAILS

REFER TO DETAILS C/A-9 THRU C/A-11, DRG. A55, FOR COURSING DETAILS FOR CERAMIC TILE AND GRANITE



5 A25 **EAST ELEVATION**
1/16" = 1'-0"

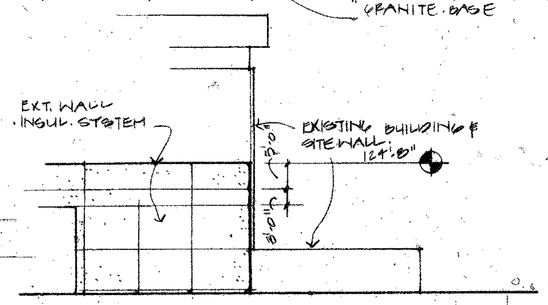


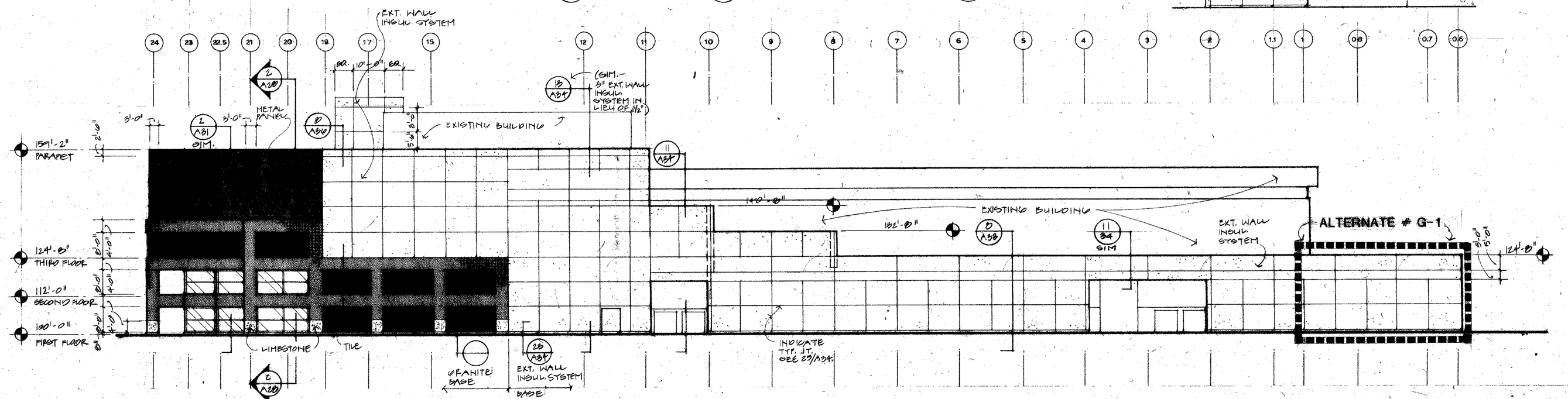
8 A25 **ELEVATION**
1/16" = 1'-0"

9 A25 **ELEVATION**
1/16" = 1'-0"

BASE BID, PARTIAL

6 A25 **WEST ELEVATION**
1/16" = 1'-0"





7 A25 **WEST ELEVATION**
1/16" = 1'-0"

LEGEND

COLOR 1

METAL PANELS (4'-0" & 2'-0" UNLESS NOTED OTHERWISE.)

COLOR 2 (ALL DIMENSIONS TO ℄ OF JOINTS).

CERAMIC TILE. (SEE SHT. A11 FOR PATTERNS & COLOR INDICATIONS)

EXTERIOR WALL INSULATION SYSTEM. (2'-0" x 10' UNLESS NOTED OTHERWISE.)

LIMESTONE & GRANITE BASE. (SCORED JOINT BETWEEN 100'-0" & 124'-8". SEE SHT. A11 FOR PATTERN.)

GLASS

NOTES:

- SEE SHEET A5 FOR CROSS-REFERENCES OF THESE ELEVATIONS.
- SEE SHEET A26 FOR ADDITIONAL ELEVATION INFORMATION.
- SEE SHEET A11 FOR ELEVATION DETAILS OF TILE & LIMESTONE.

STATE OF OHIO

PRINTED 6·9·86

REVISIONS
⚠ 11-1-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES, INC.

DATE APR 1988
DRAWN BY
CHECKED BY
PROJECT NO. 87411.00

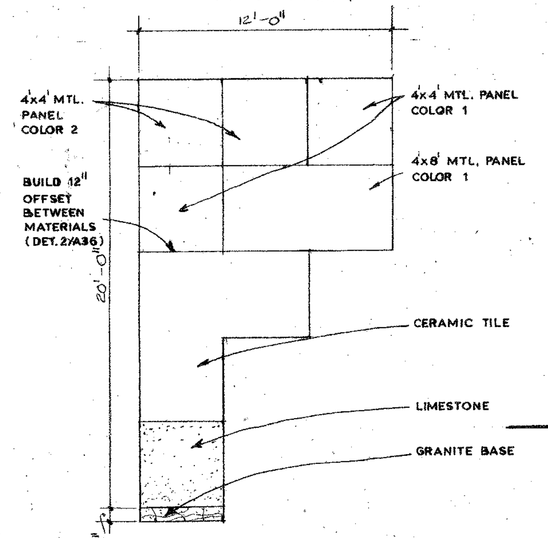
A 25

LEGEND
(INDICATIONS @ 1/8" = 1'-0")

- COLOR 1 / COLOR 2 — METAL PANELS (4'-0" & 2'-0" UNLESS NOTED OTHERWISE.) (ALL DIMENSIONS TO ℄ OF JOINTS)
- CERAMIC TILE (SEE SHEET A41 FOR PATTERNS & COLOR INDICATIONS.)
- EXTERIOR WALL INSULATION SYSTEM. (8'-0" x 10' UNLESS NOTED OTHERWISE.)
- LIMESTONE & GRANITE BASE. (OCCURS ONLY BETWEEN 100'-0" & 104'-0" SEE SHT. A41 FOR PATTERN)
- GLASS

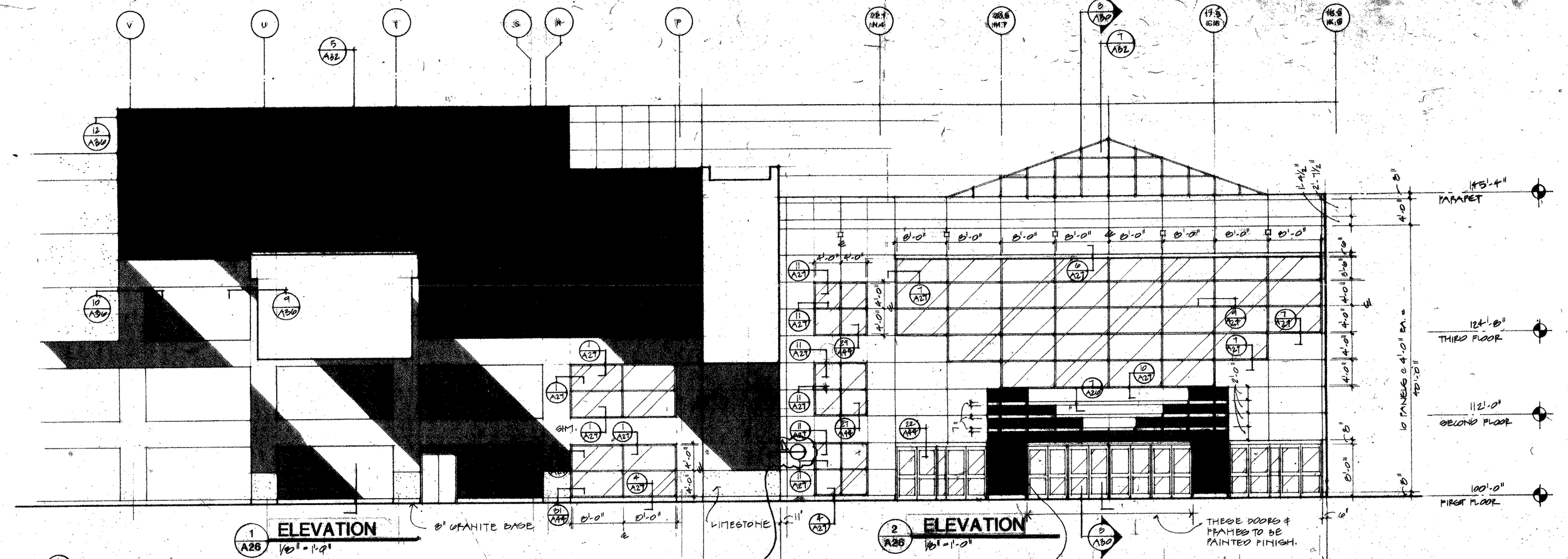
NOTE:

- SEE SHEET A41 FOR ELEVATION DETAILS OF TILE & LIMESTONE.
- SEE SHEET A9 FOR CROSS-REFERENCES OF THESE ELEVATIONS.
- ALL DOORS, WINDOW & DOOR FRAMES TO BE CLEAR ANODIZED UNLESS OTHERWISE NOTED.



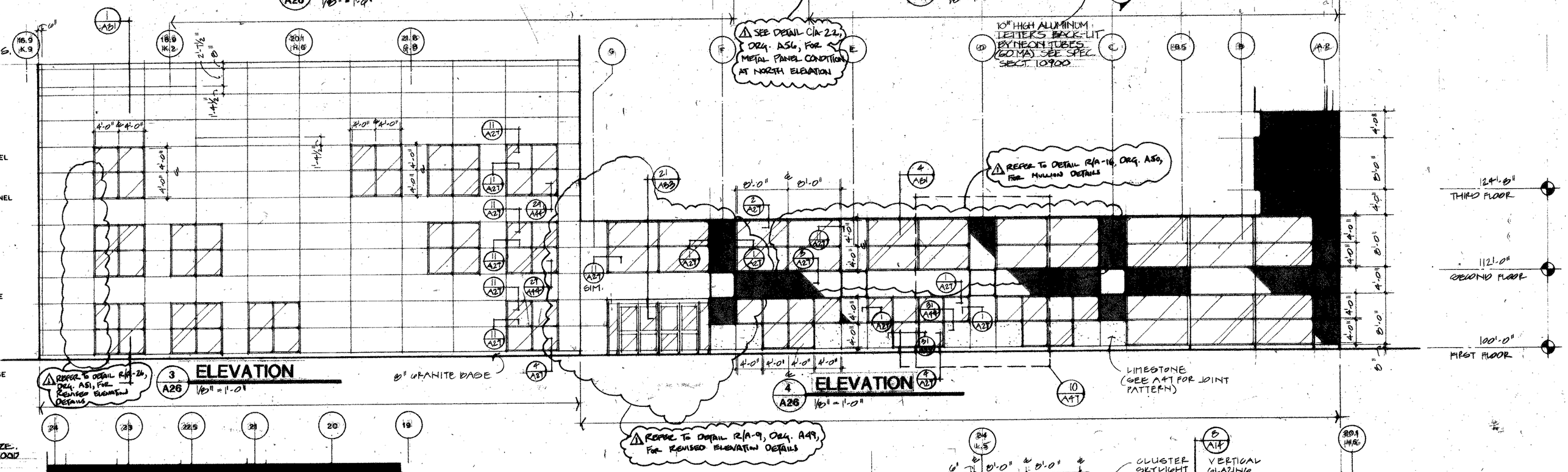
NOTE:
THIS FIELD MOCK-UP IS MIN. ACCEPTABLE SIZE. PROVIDE SUITABLE WOOD FRAMEWORK/PLYWOOD BACKUP FOR VERTICAL INSTALLATION AND OBSERVATION

8 / A26 FIELD MOCK-UP SAMPLE
1/4" : 1'-0"



1 / A26 ELEVATION
1/8" = 1'-0"

2 / A26 ELEVATION
1/8" = 1'-0"



⚠ SEE DETAIL C/A-2.2, DRG. A56, FOR METAL PANEL CONDITION AT NORTH ELEVATION

10" HIGH ALUMINUM LETTERS BACK-LIT PYNEON TUBES (GOLMA) SEE SPEC. SECT. 10900

⚠ REFER TO DETAIL R/A-16, DRG. A59, FOR MULLION DETAILS

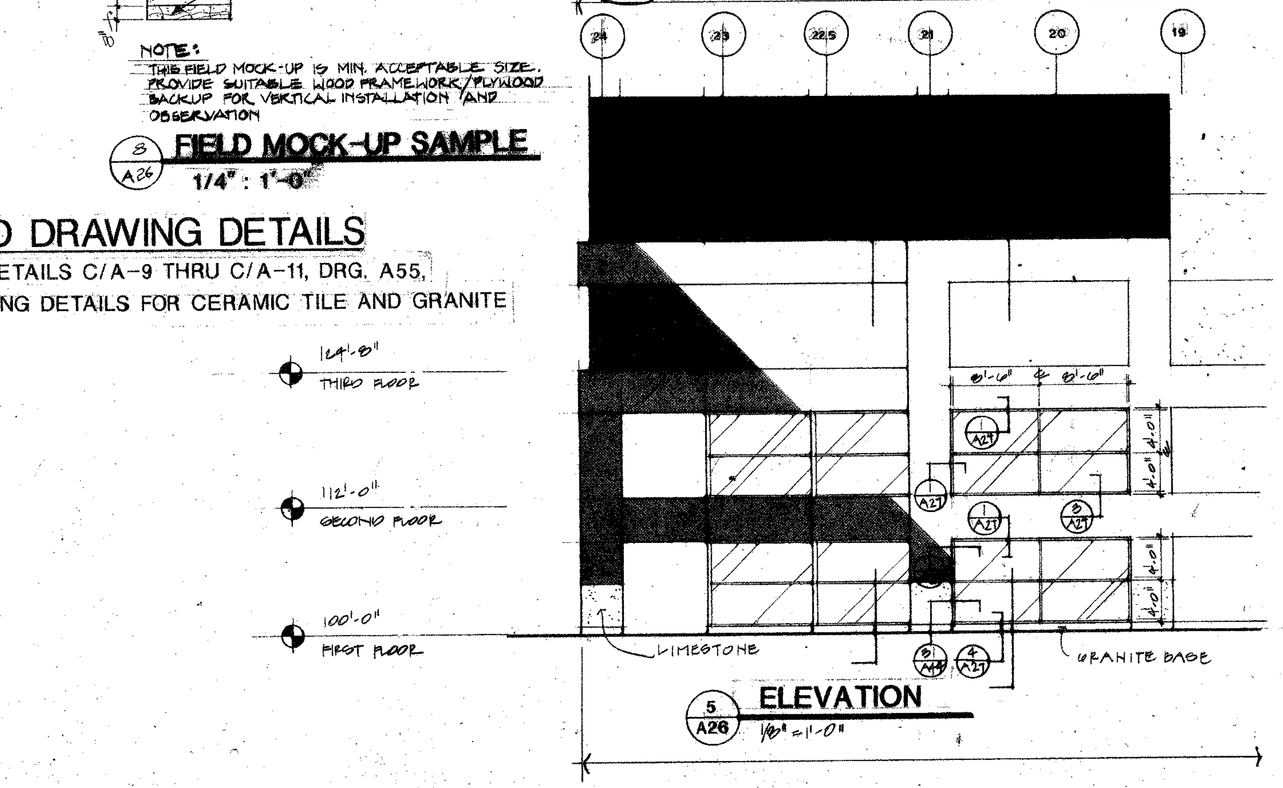
⚠ REFER TO DETAIL R/A-26, DRG. A61, FOR REVISED ELEVATION DETAILS

⚠ REFER TO DETAIL R/A-9, DRG. A49, FOR REVISED ELEVATION DETAILS

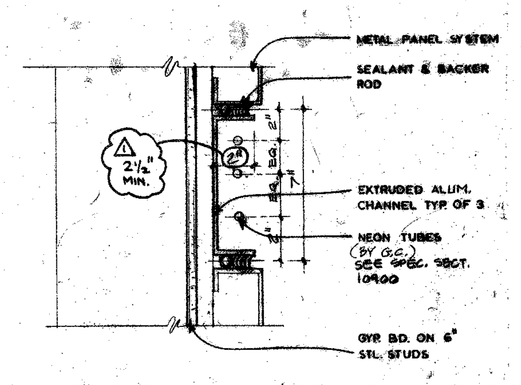
LIMESTONE (SEE A41 FOR JOINT PATTERN)

3 / A26 ELEVATION
1/8" = 1'-0"

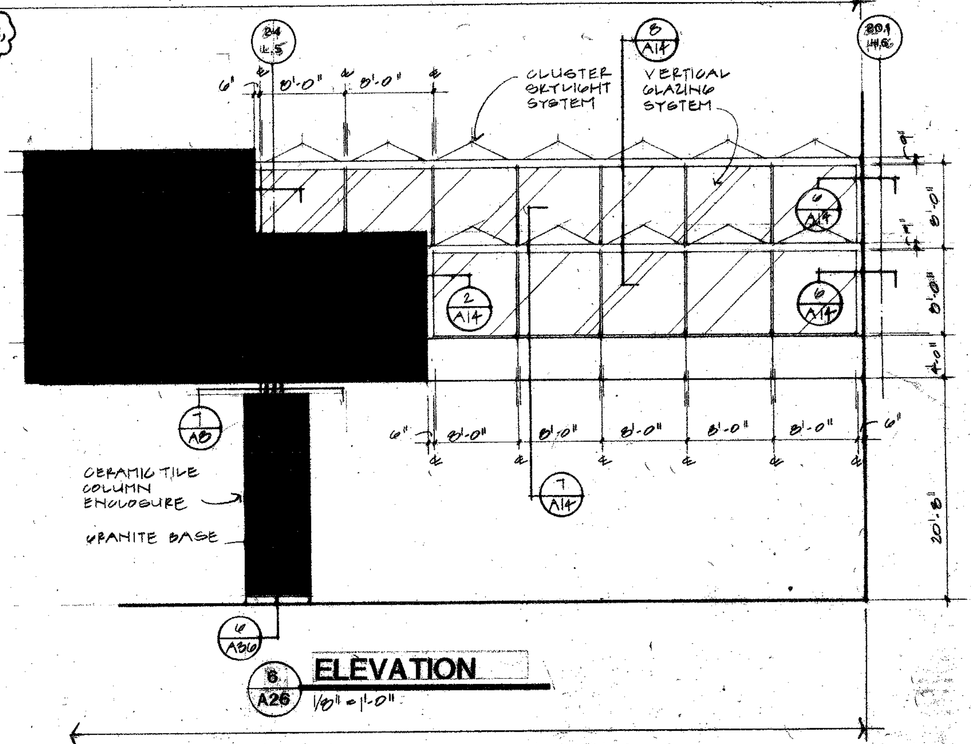
4 / A26 ELEVATION
1/8" = 1'-0"



5 / A26 ELEVATION
1/8" = 1'-0"



7 / A26 ENTRY CANOPY DETAIL
3" : 1'-0"



6 / A26 ELEVATION
1/8" = 1'-0"

⚠ RECORD DRAWING DETAILS

REFER TO DETAILS C/A-9 THRU C/A-11, DRG. A55, FOR COURSING DETAILS FOR CERAMIC TILE AND GRANITE

PERMIT
6-9-86

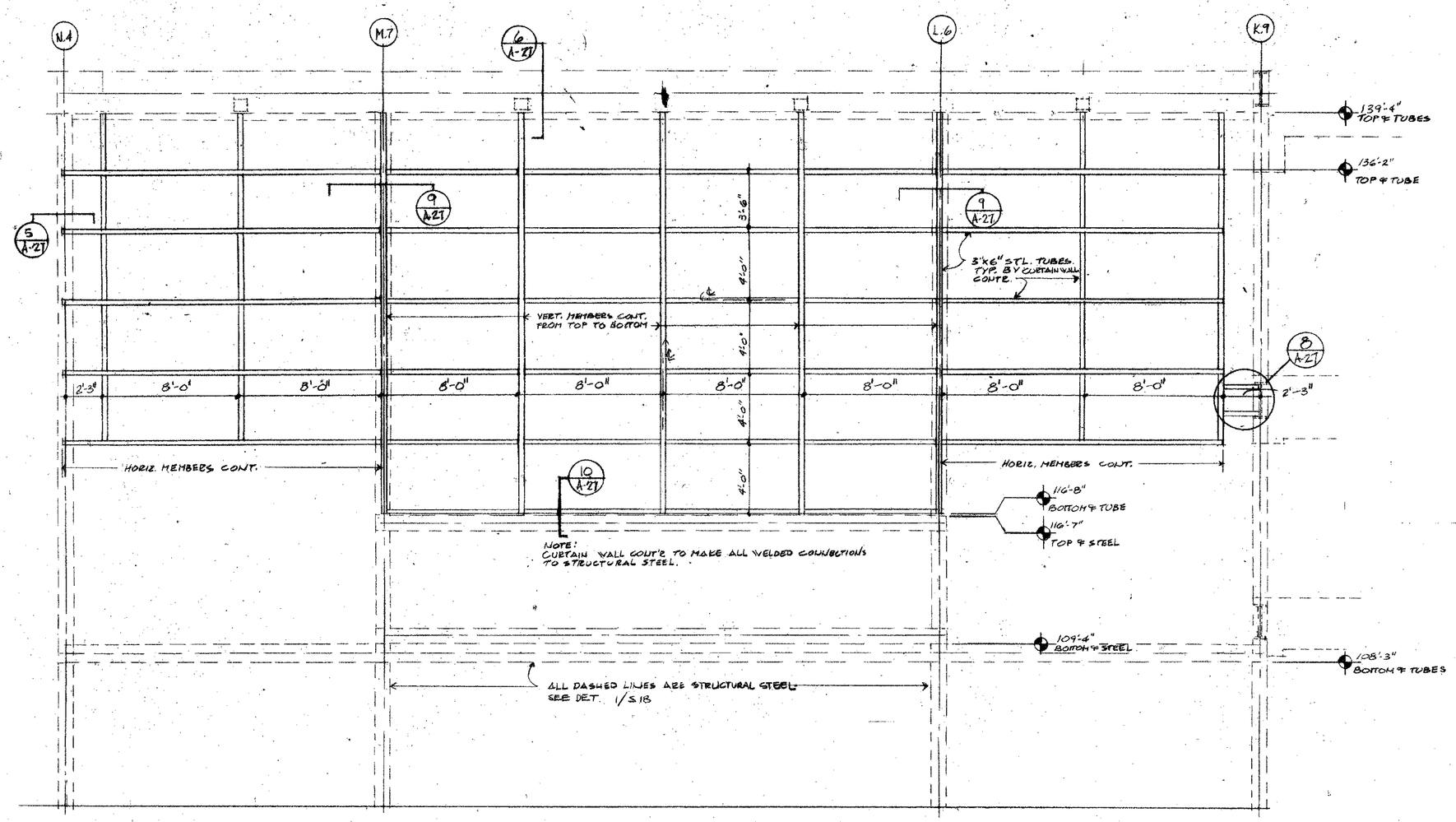
REVISIONS
⚠ 11-1-85 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
DAYTON, OHIO

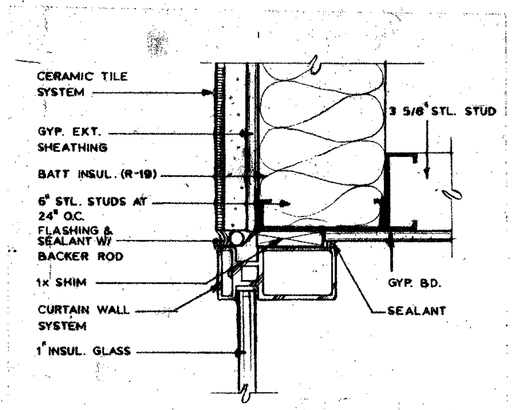
LEVIN · PORTER · ASSOCIATES INC

DATE: JUNE 11, 1986
674.11.00

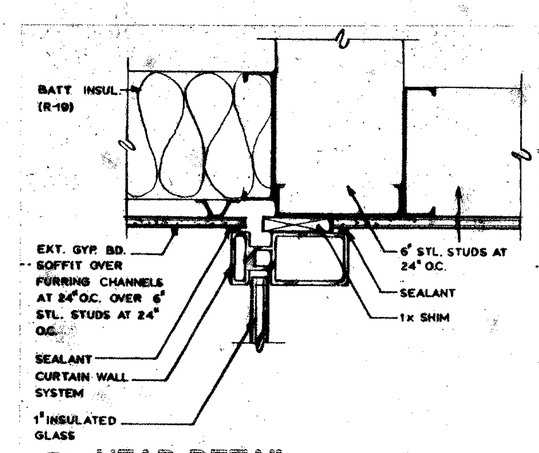
A 26



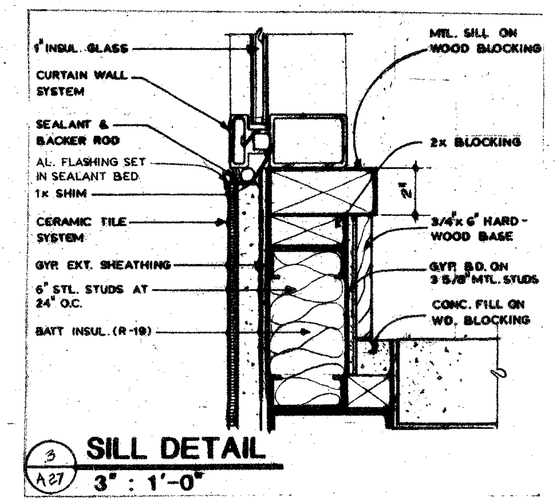
15 LOBBY CURTAIN WALL TUBE FRAME ELEVATION
1/4" : 1'-0"



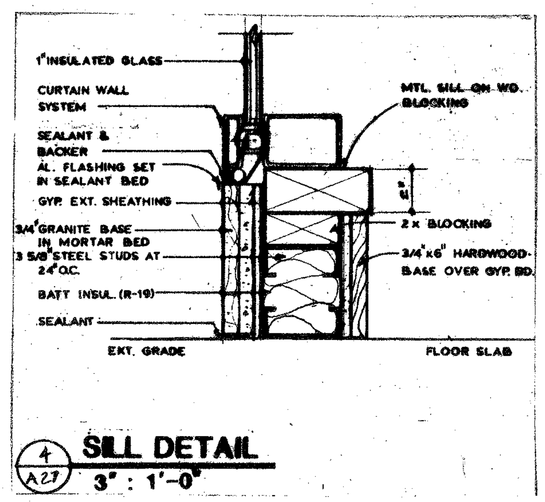
1 A27 HEAD DETAIL (JAMB SIM.)
3" : 1'-0"



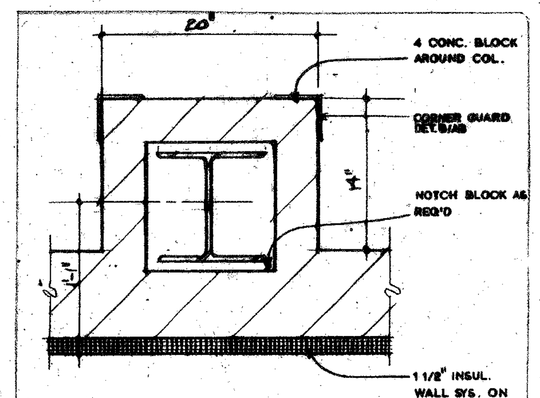
2 A27 HEAD DETAIL
3" : 1'-0"



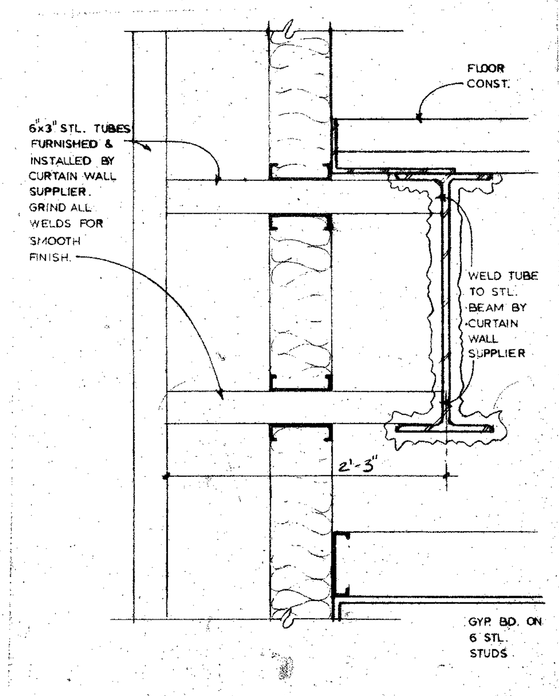
3 A27 SILL DETAIL
3" : 1'-0"



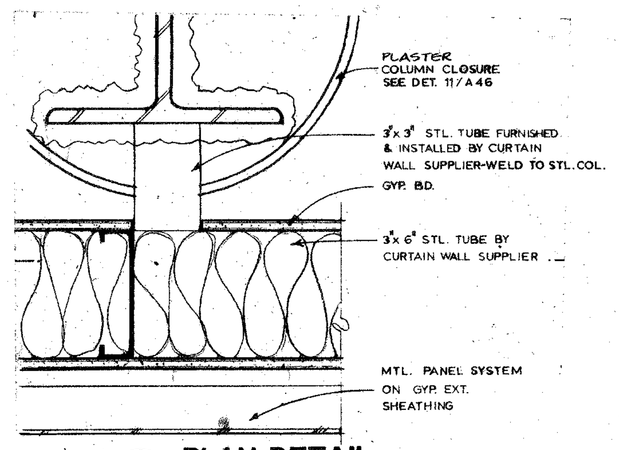
4 A27 SILL DETAIL
3" : 1'-0"



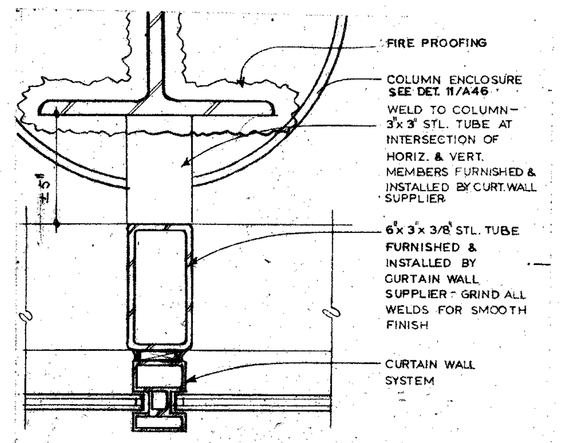
12 A27 TYP. COLUMN ENCLOSURE
1 1/2" : 1'-0"



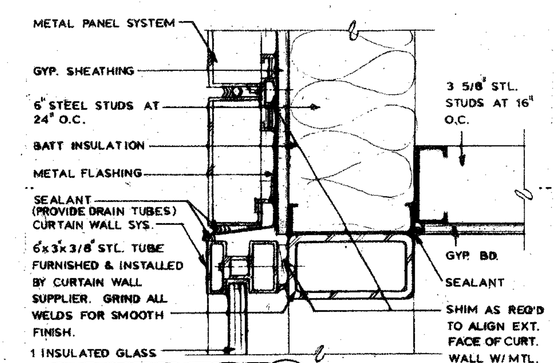
8 A27 ELEVATION SECTION
1 1/2" : 1'-0"



5 A27 PLAN DETAIL
3" : 1'-0"

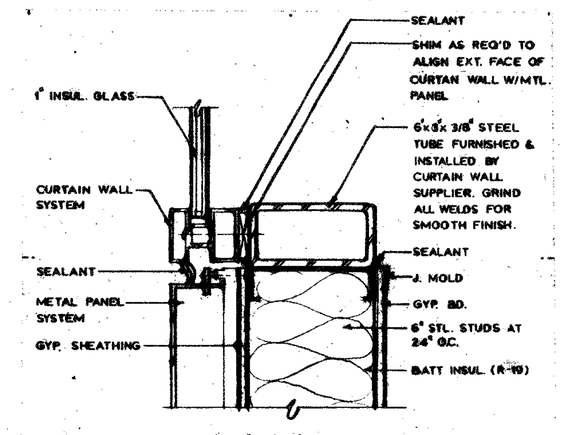


9 A27 PLAN DETAIL
3" : 1'-0"

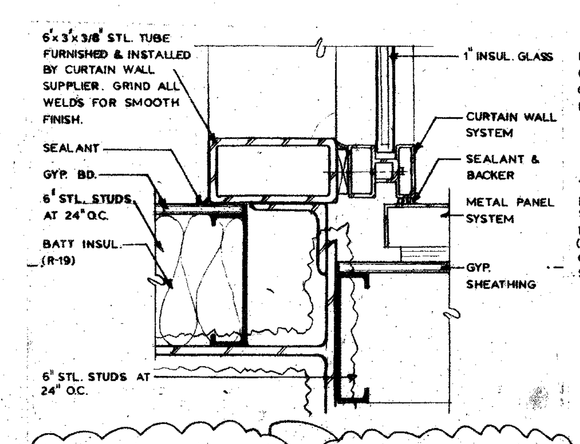


6 A27 HEAD DETAIL
3" : 1'-0"

⚠ REFER TO DETAIL C/A-12, DRG. A55, FOR DETAIL CLARIFICATION

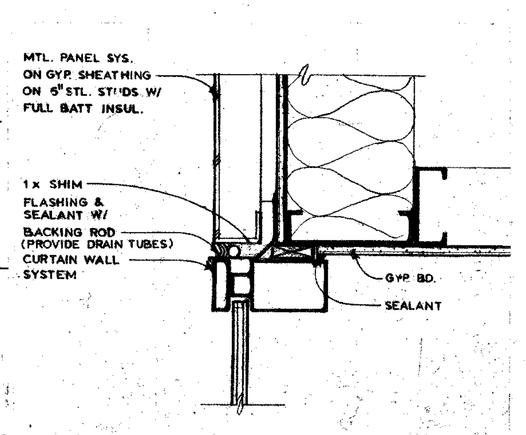


7 A27 SILL & JAMB DETAIL
3" : 1'-0"



10 A27 SILL DETAIL
3" : 1'-0"

⚠ REFER TO DETAIL C/A-12, DRG. A55, FOR DETAIL CLARIFICATION



11 A27 HEAD DETAIL (JAMB SIM.)
3" : 1'-0"

STATE OF OHIO
LEWIS PORTER 8255
REGISTERED ARCHITECTS

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6-9-86

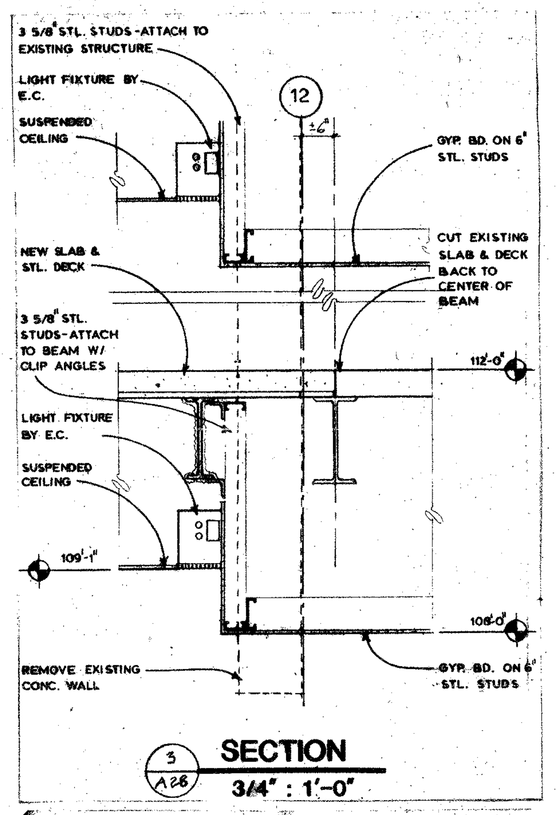
REVISIONS
⚠ 11-1-86 RECORD ORIG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

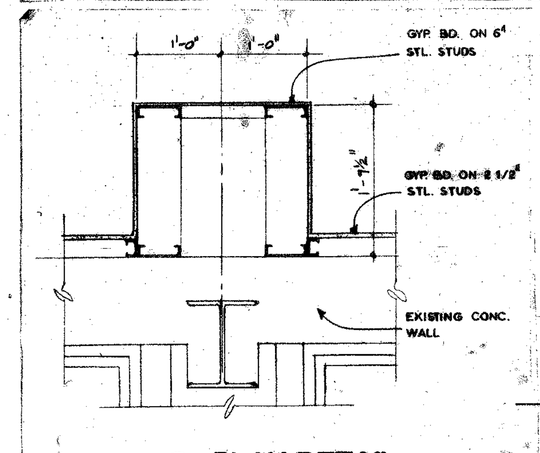
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1...

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 87411.00

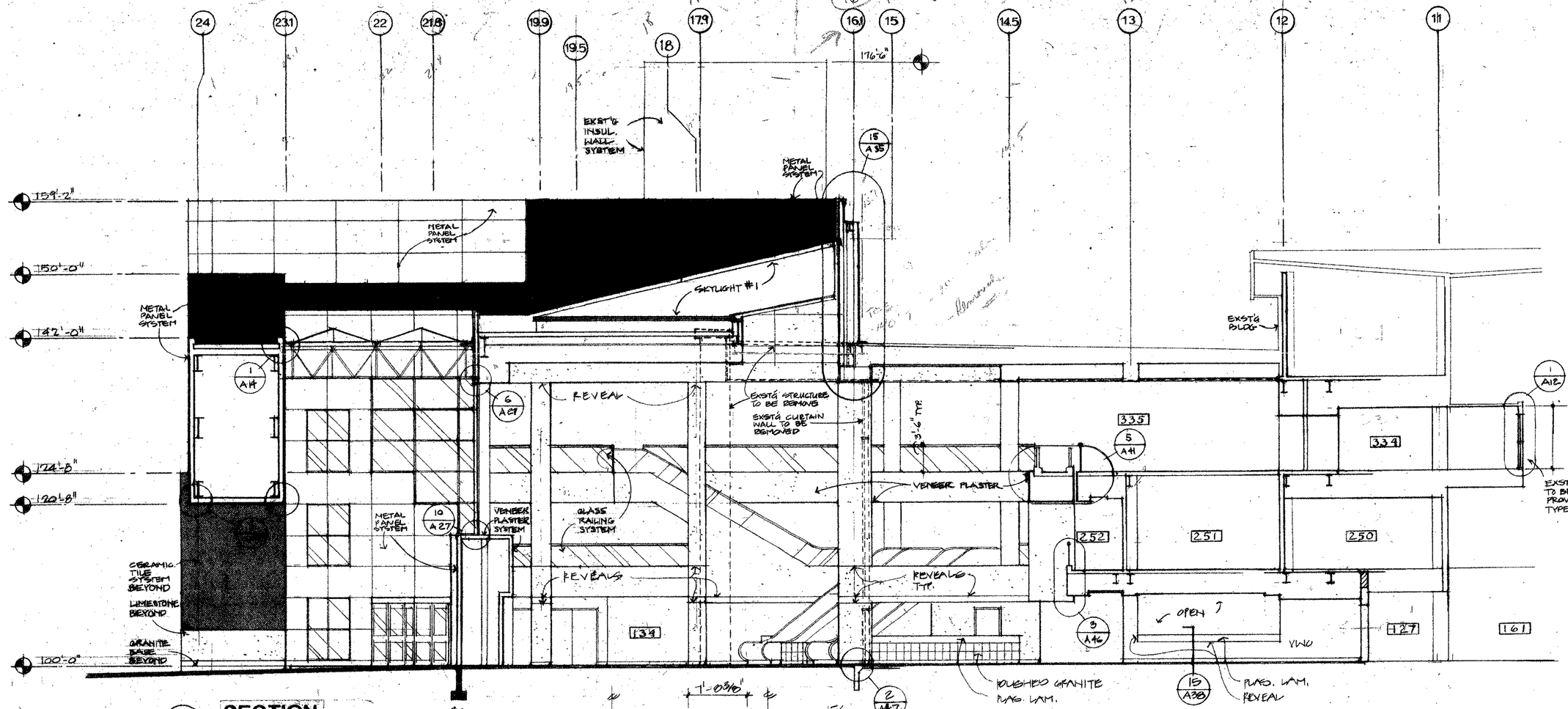
A 27



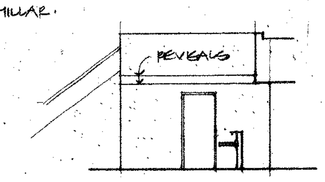
3 A28 **SECTION**
3/4" : 1'-0"



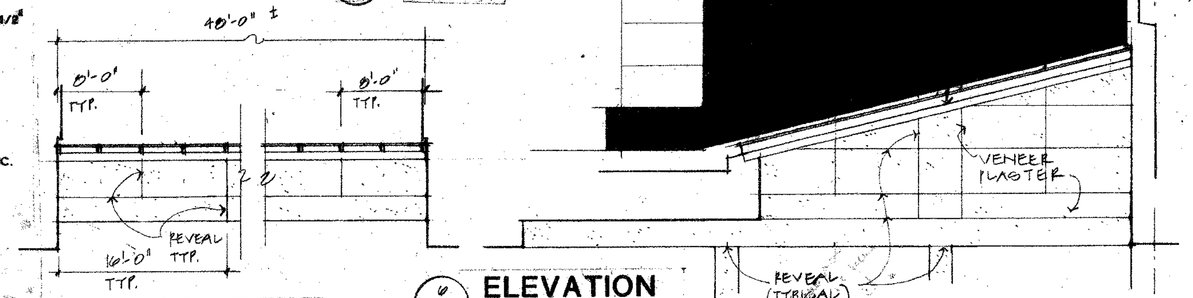
4 A28 **PLAN DETAIL**
1" : 1'-0"



1 **SECTION**
1/8" : 1'-0"

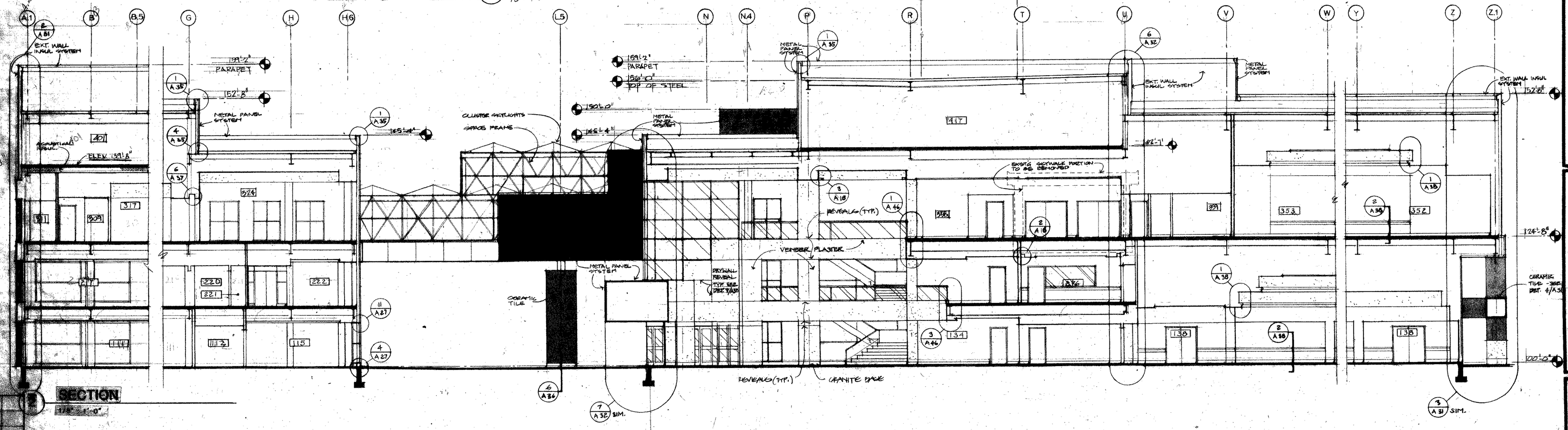


7 A28 **ELEVATION**
1/8" = 1'-0"



6 A28 **ELEVATION**
1/8" = 1'-0"

5 A28 **ELEVATION**
1/8" = 1'-0"



SECTION
1/8" = 1'-0"

STATE OF OHIO
REGISTERED ARCHITECT

PRINTING
6-9-86

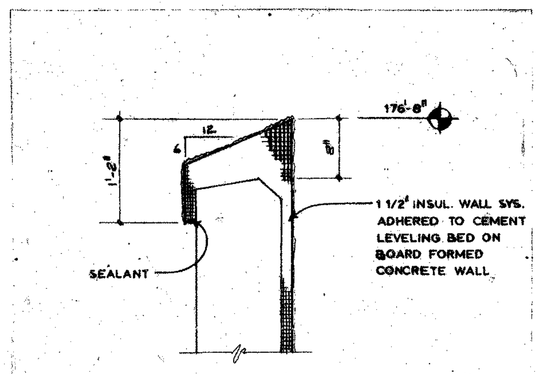
REVISIONS
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RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIRST AND MAIN STREETS
DAYTON, OHIO

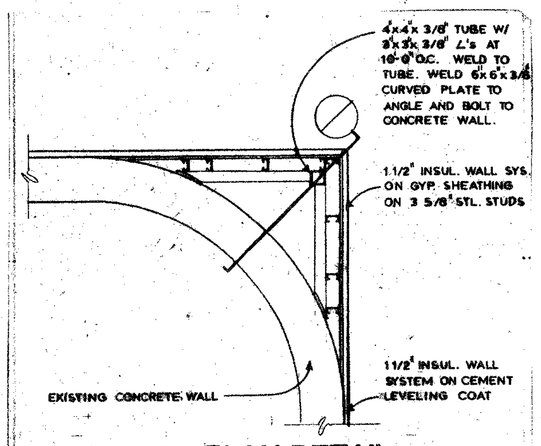
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

DATE JUNE 1986
DRAWN BY
CHECKED BY
PROJECT NO.
6P411.00

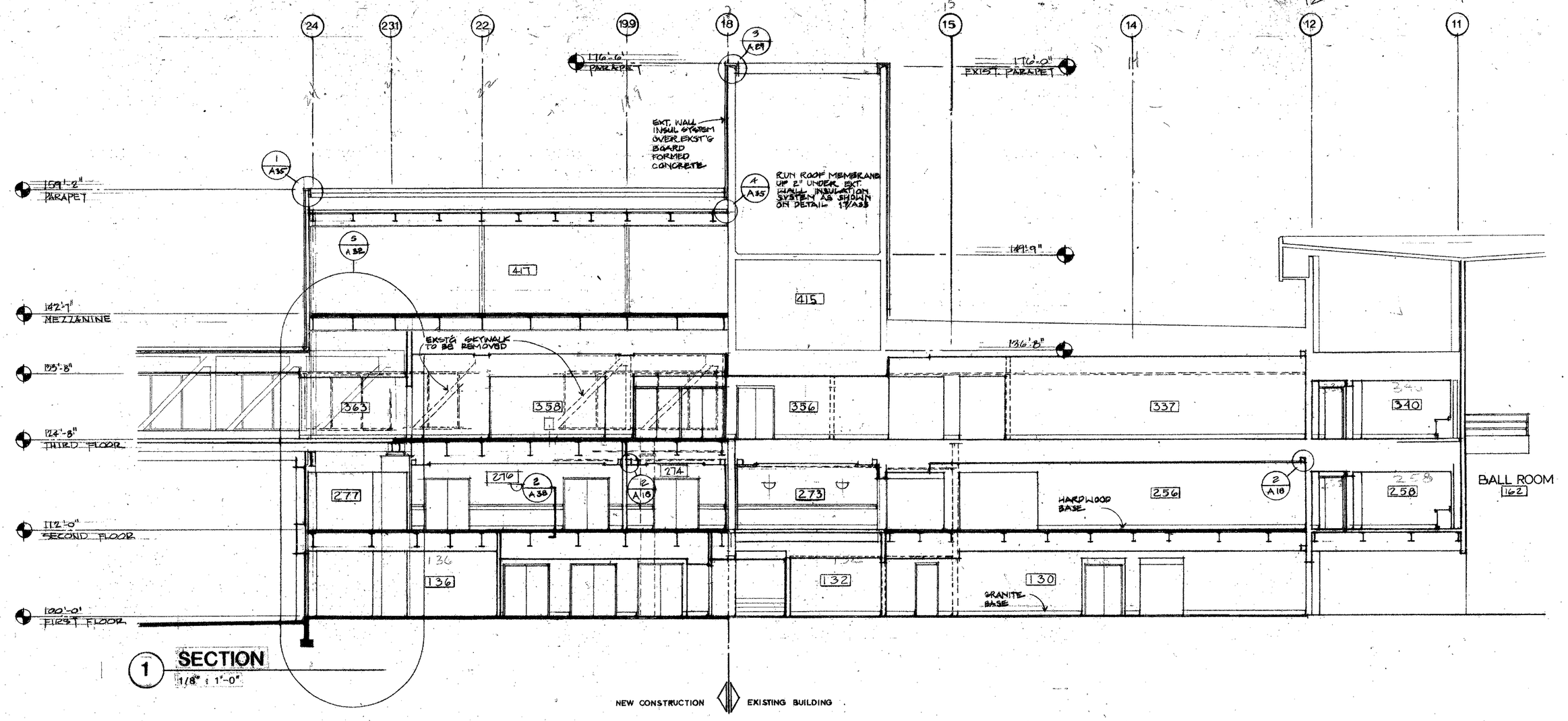
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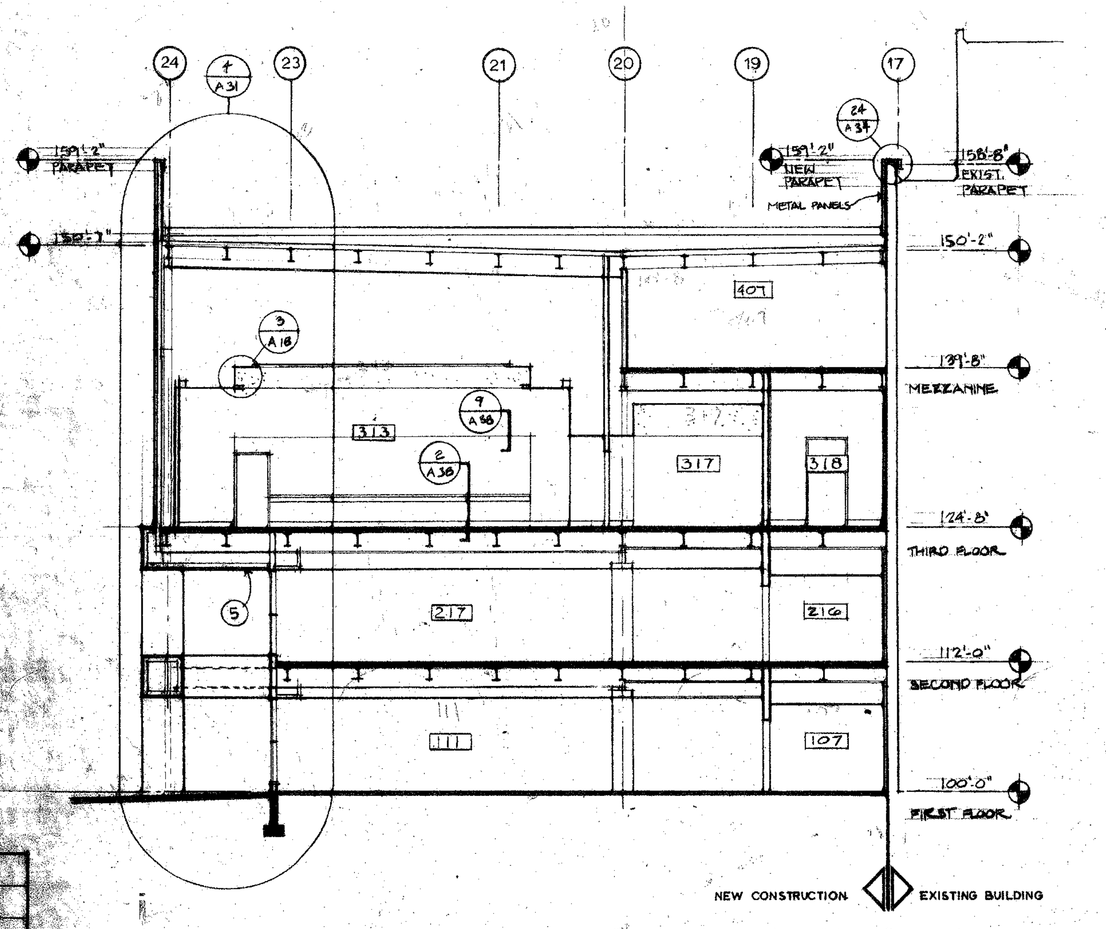
3 A29 **COPING DETAIL**
1" : 1'-0"



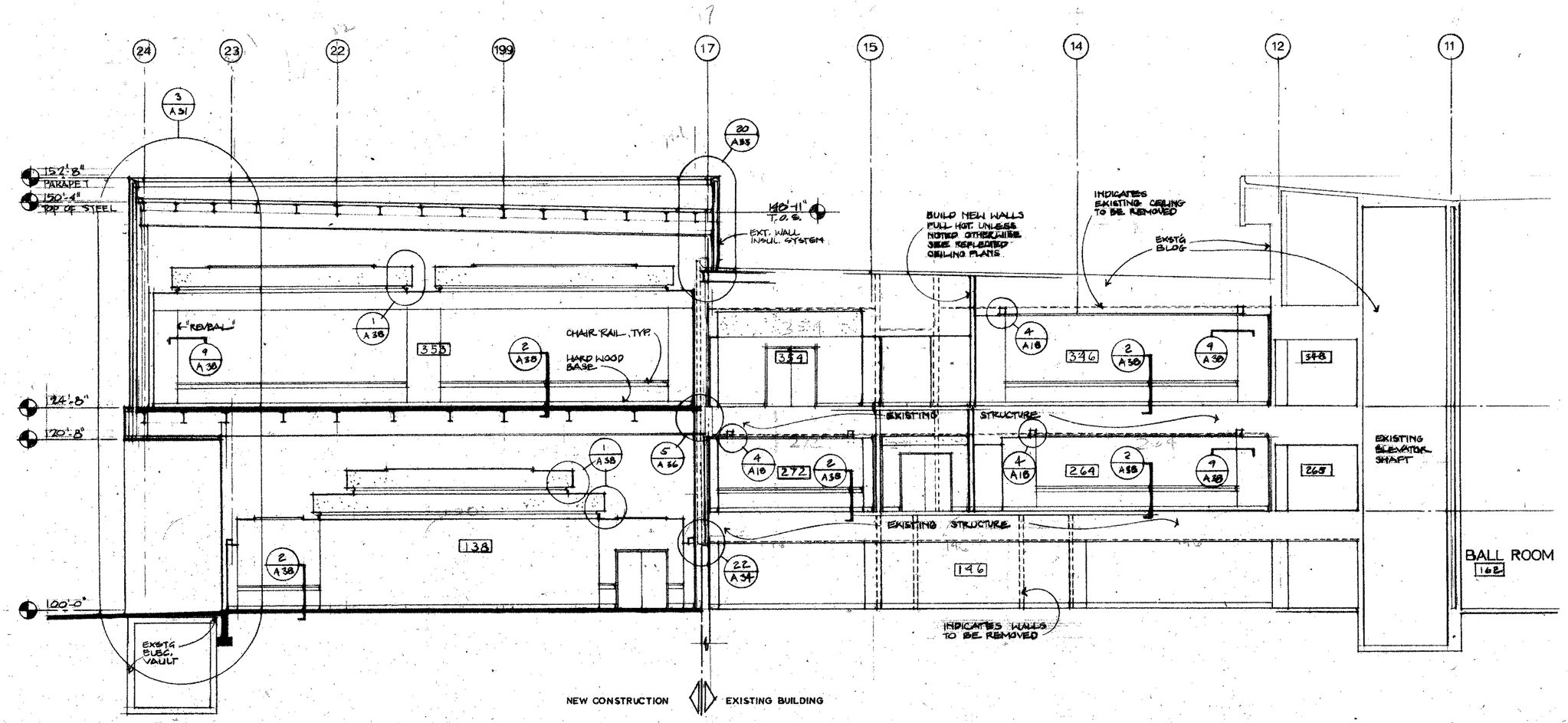
4 A29 **PLAN DETAIL**
1/2" : 1'-0"



1 **SECTION**
1/8" : 1'-0"



3 **SECTION**
1/8" : 1'-0"



2 **SECTION**

STATE OF OHIO
REGISTERED ARCHITECT

PRINTING
6-9-86

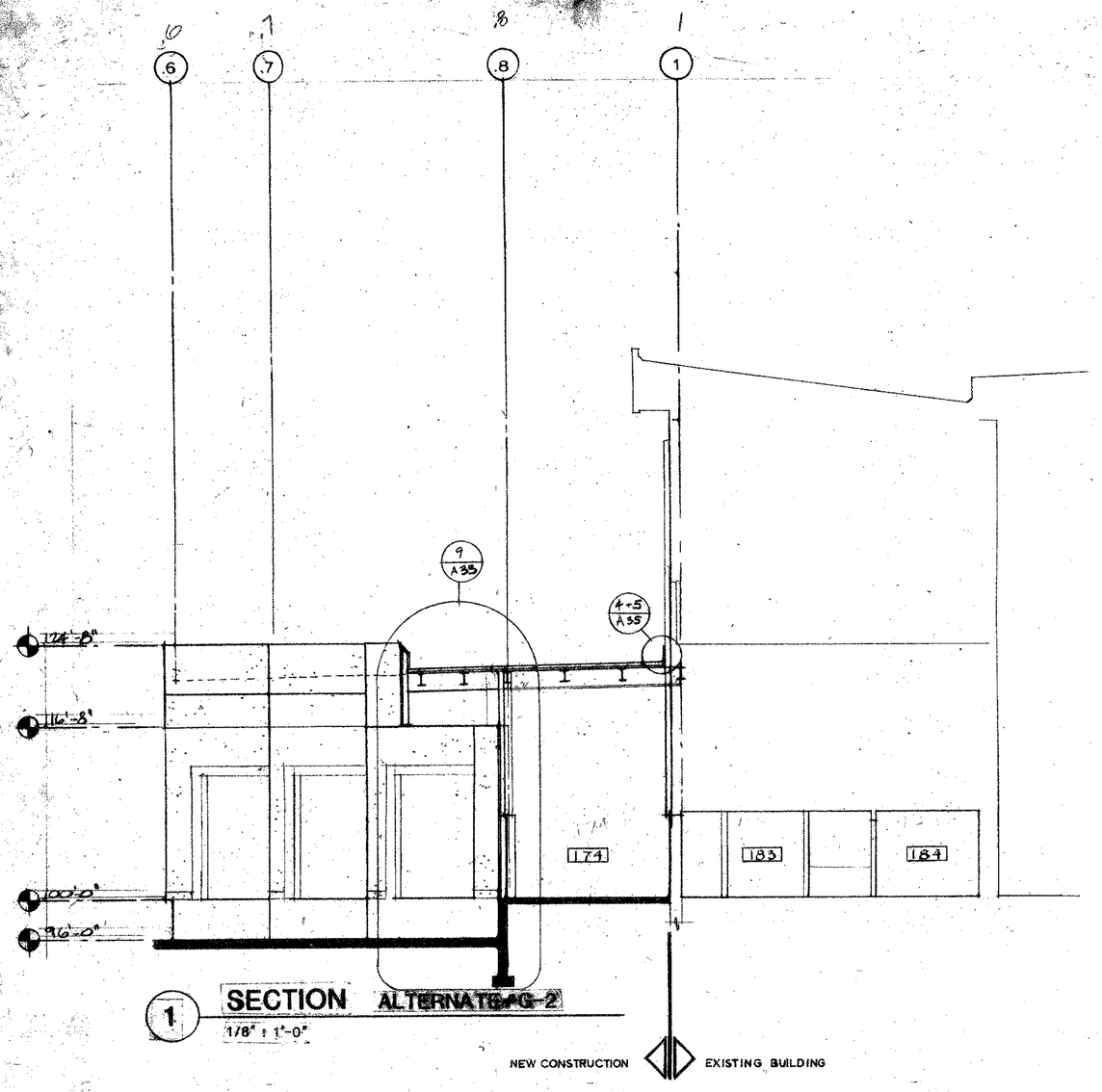
REVISIONS
△ NO RECORD DRG. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

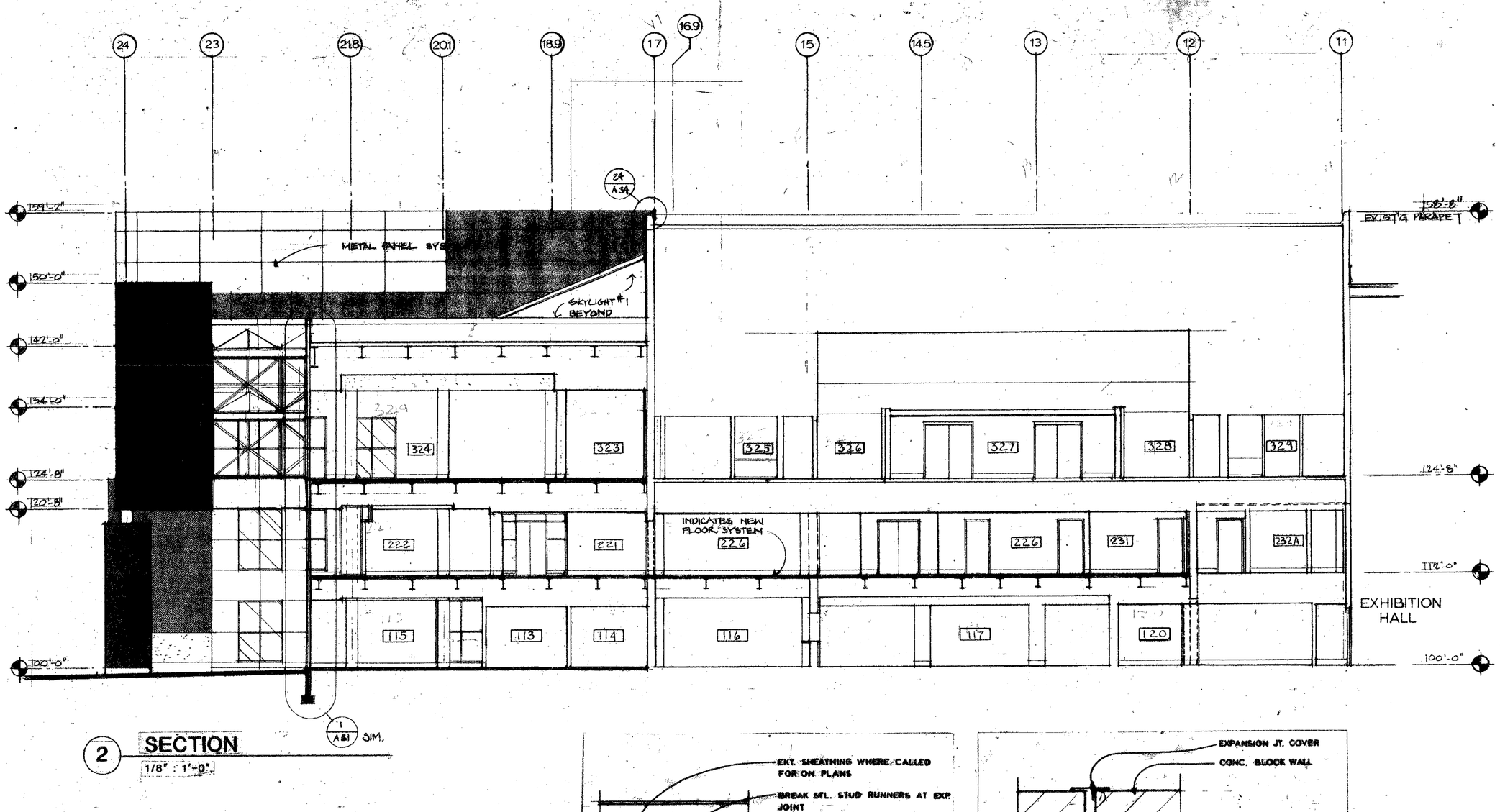
DATE JUNE 1986
DRAWN BY
CHECKED BY
PROJECT NO.
87411.00

A-29

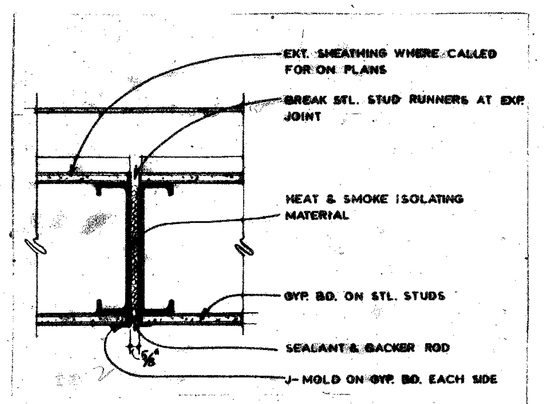


1 SECTION ALTERNATE A-2
1/8" : 1'-0"

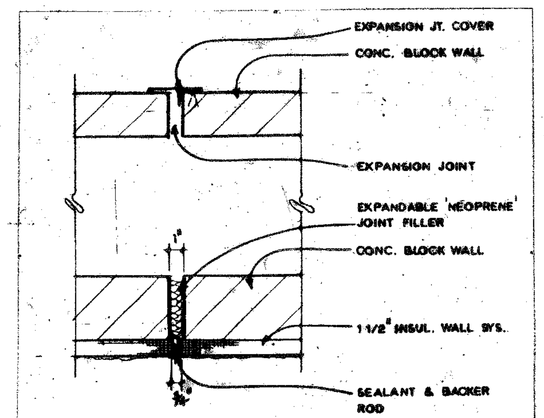
NEW CONSTRUCTION EXISTING BUILDING



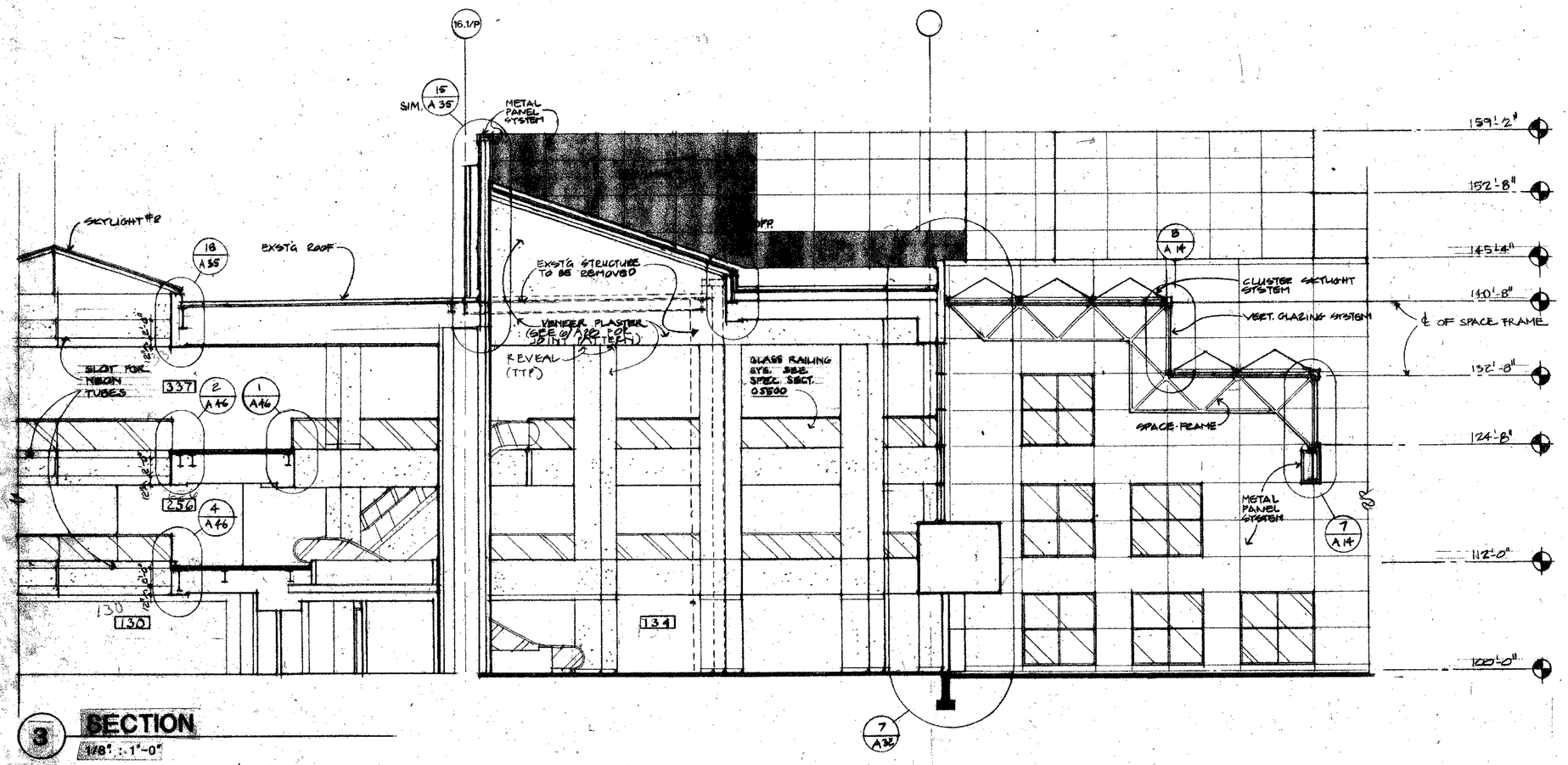
2 SECTION
1/8" : 1'-0"



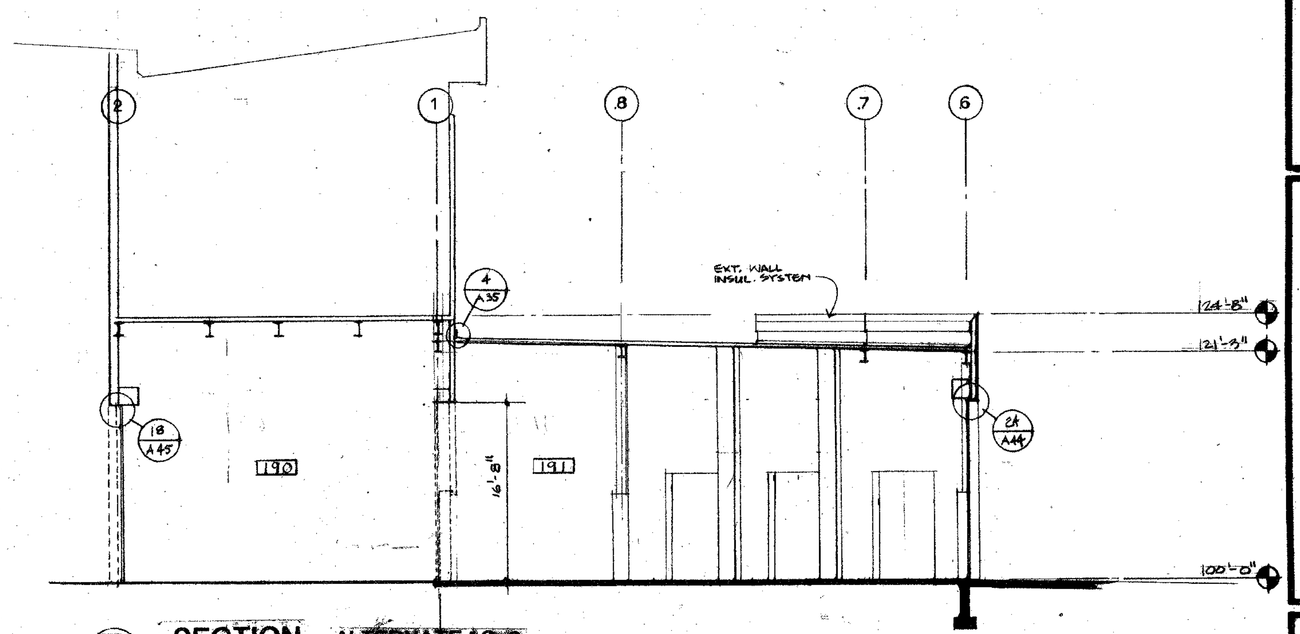
5 A30 TYPICAL WALL EXP. JOINT
3" : 1'-0"



6 A30 EXPANSION JOINT DTL.
1 1/2" : 1'-0"



3 SECTION
1/8" : 1'-0"



4 SECTION ALTERNATE A-2
1/8" : 1'-0"

NEW CONSTRUCTION EXISTING BUILDING

STATE OF OHIO
REGISTERED ARCHITECT

PRINTING
6-9-86

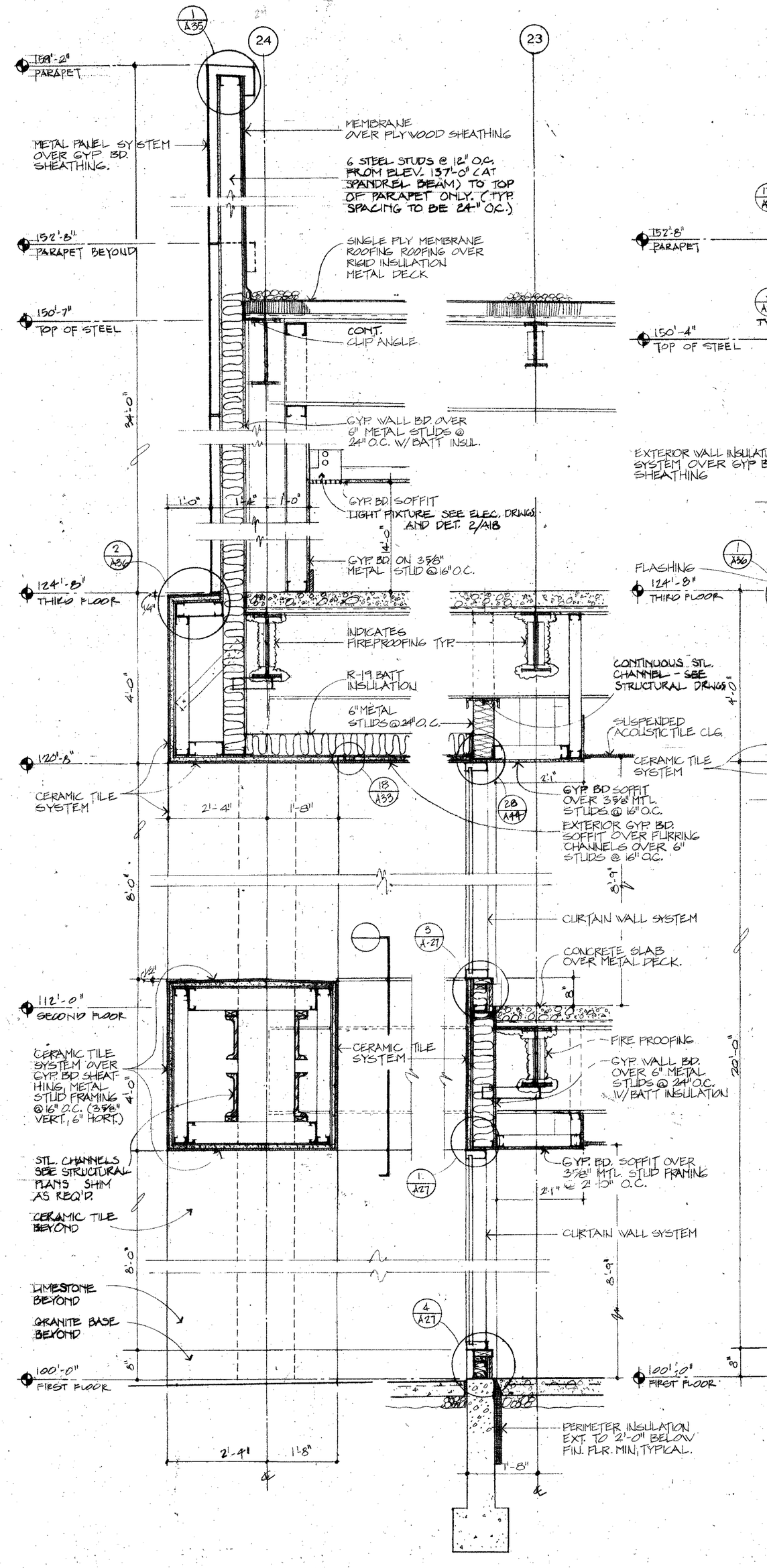
REVISIONS
△ NO. RECORD ORG. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
PERRY AND MAIN STREETS
DAYTON, OHIO

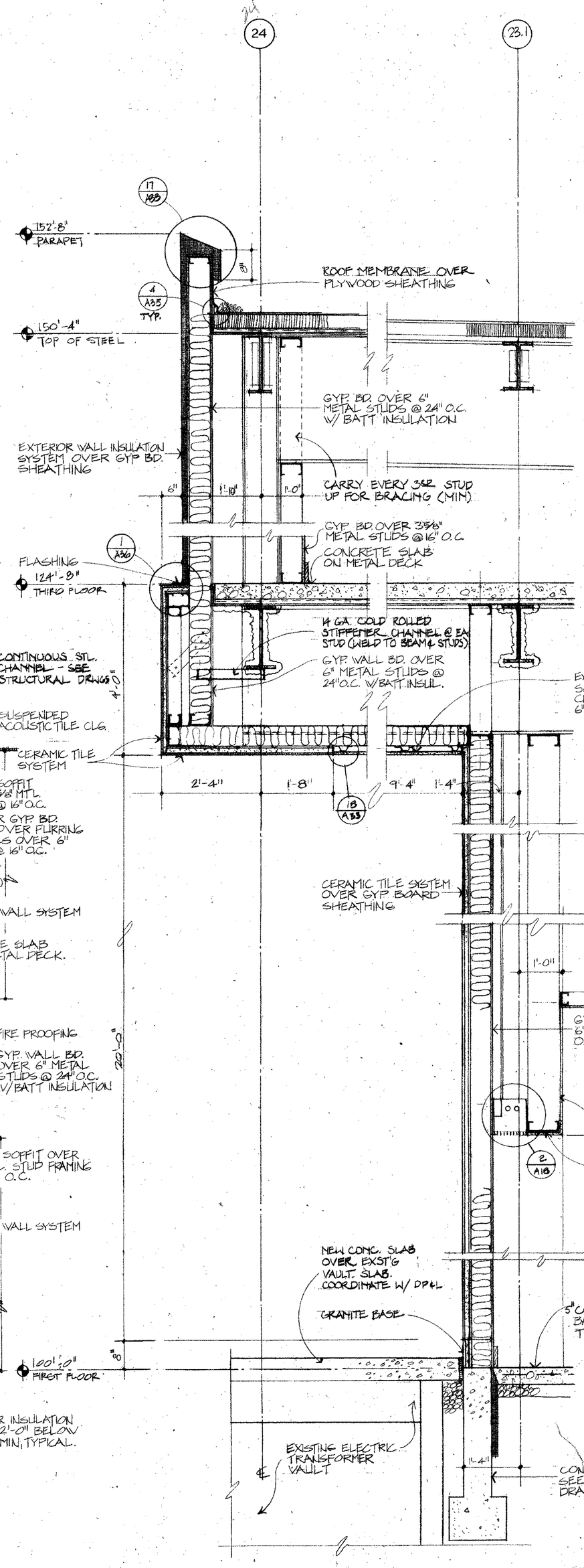
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

DATE JUNE 6, 1986
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CHECKED BY
PROJECT NO. 57411.00

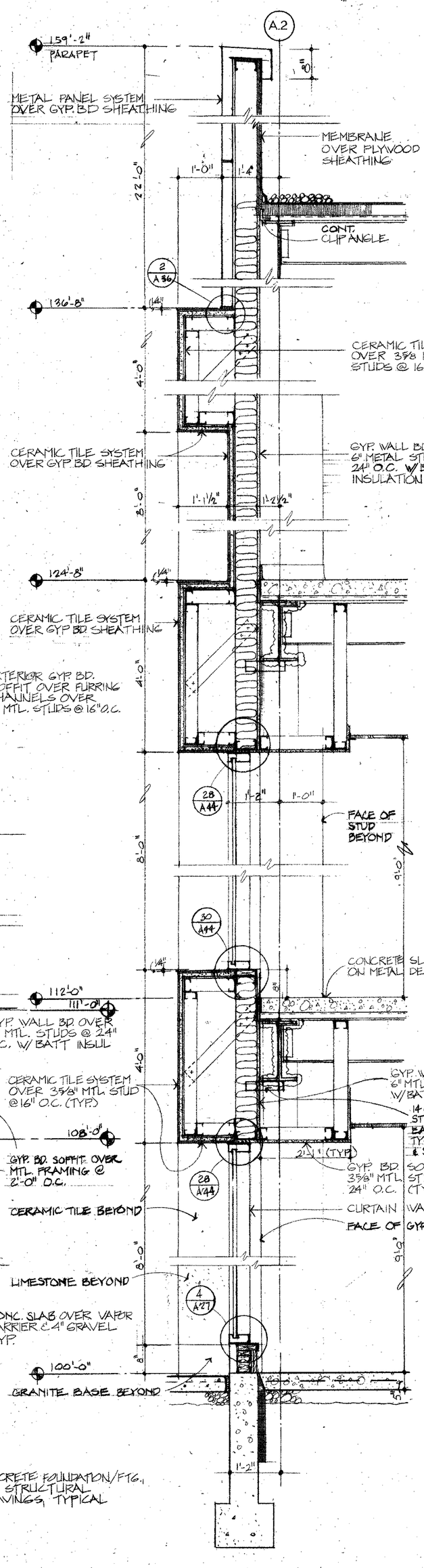
A 30



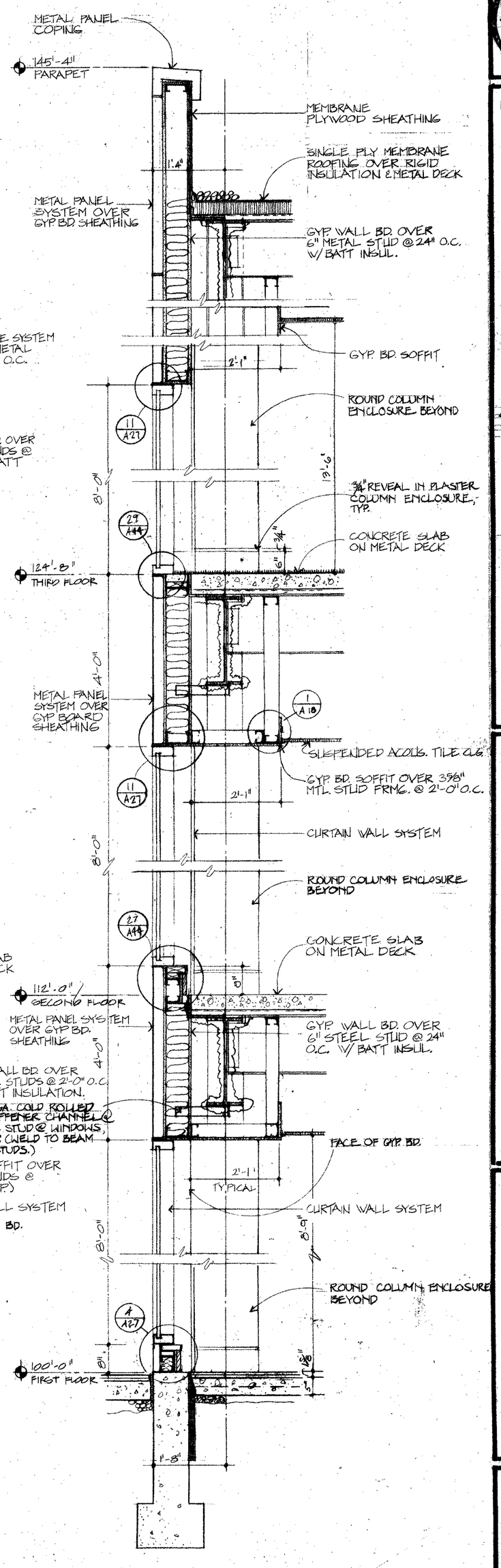
4/A31 **WALL SECTION**
3/4" = 1'-0"



3/A31 **WALL SECTION**
3/4" = 1'-0"



2/A31 **WALL SECTION**
3/4" = 1'-0"



1/A31 **WALL SECTION**
3/4" = 1'-0"

STATE OF OHIO
LEVIN - 2353
PORTER - 3255
REGISTERED ARCHITECTS

PRINTING
6·9·86

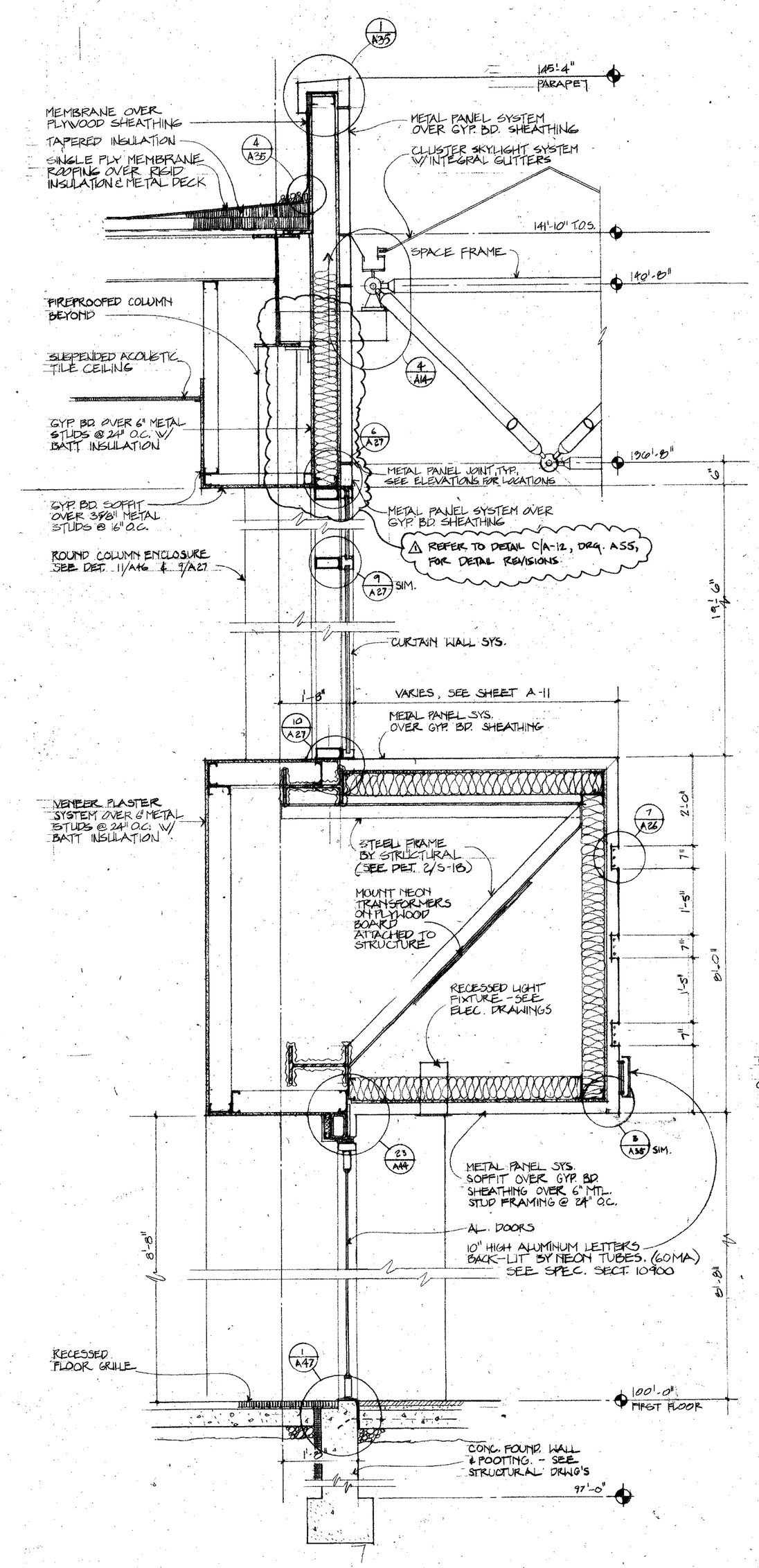
REVISIONS
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RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

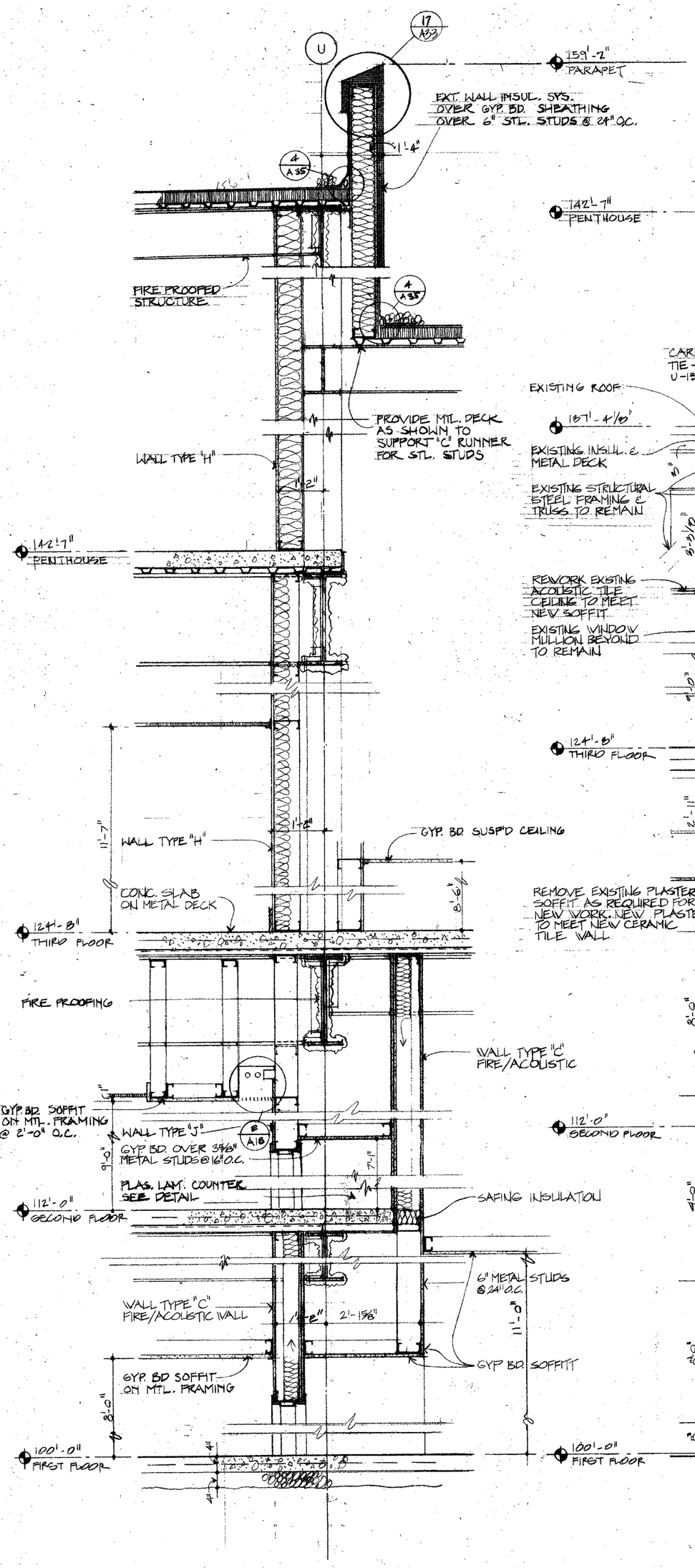
LEVIN · PORTER · ASSOCIATES · INC.
ARCHITECTURE/PLANNING
21 North Jefferson Street
Dayton, Ohio 45402
(513) 461-5990

DATE JUNE 9,1986
DRAWN BY
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PROJECT NO. 57411.00

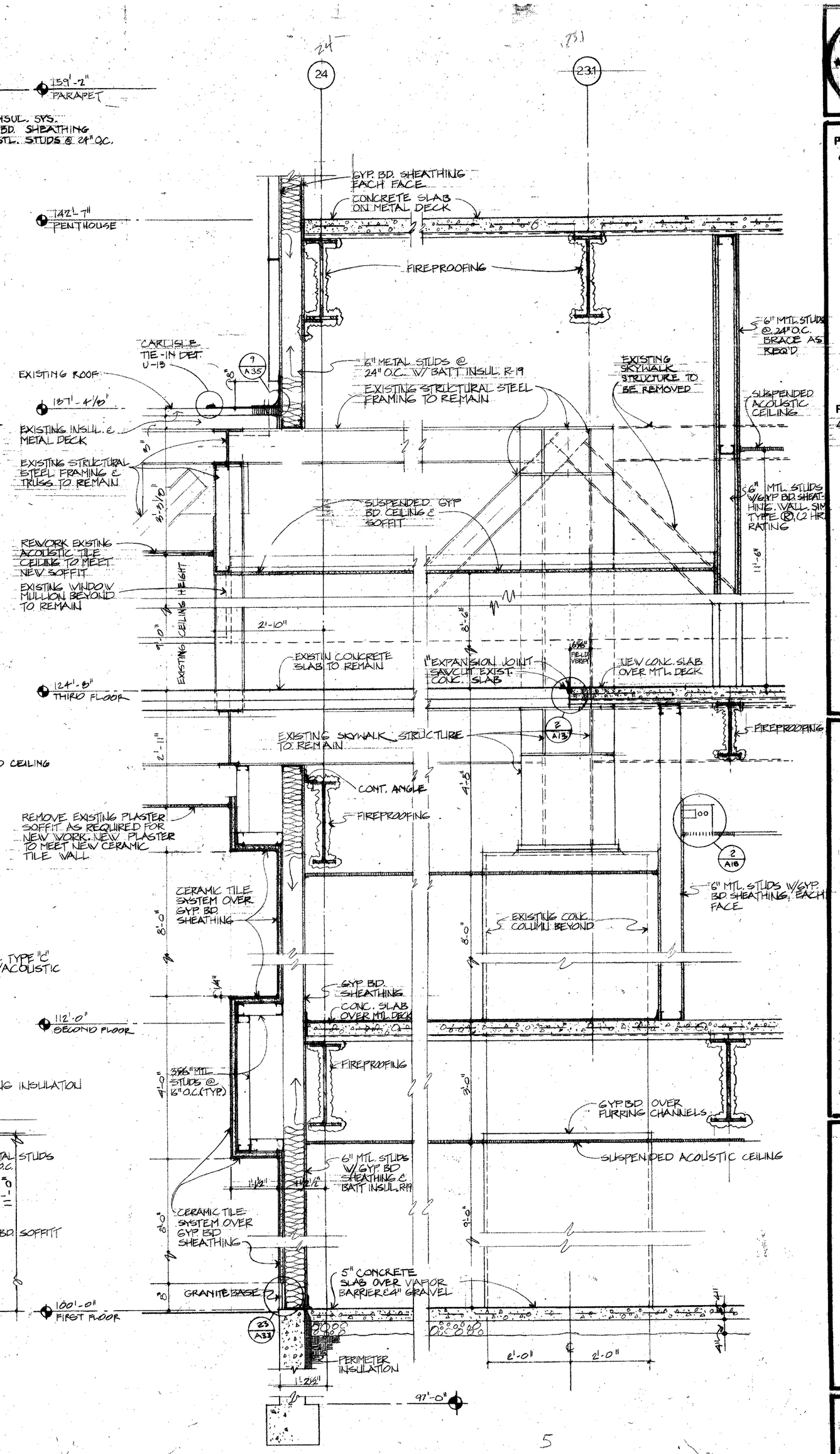
A 31



7/A32 **WALL SECTION** 3/4" = 1'-0"



6/A32 **WALL SECTION** 3/4" = 1'-0"



5/A32 **WALL SECTION** 3/4" = 1'-0"

STATE OF OHIO
LEVIN · PORTER · 2353
PORTER · 3255
REGISTERED ARCHITECTS

PRINTING
10-9-86

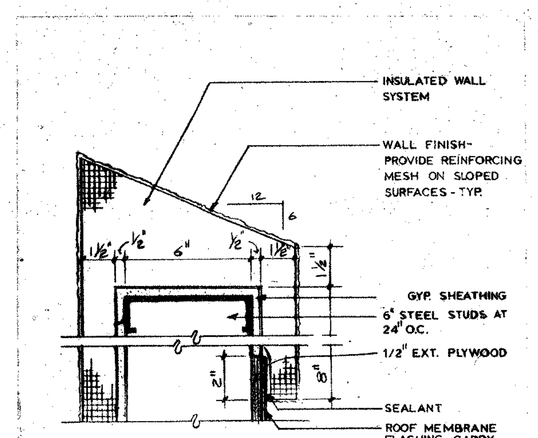
REVISIONS
⚠ 11-1-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

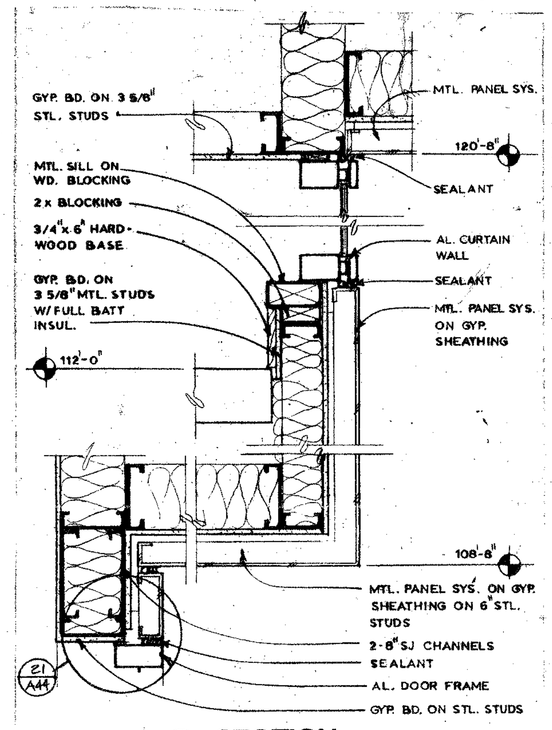
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
21 North Jefferson Street
Dayton, Ohio 45402
513 224 1931

DATE JUNE 9, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

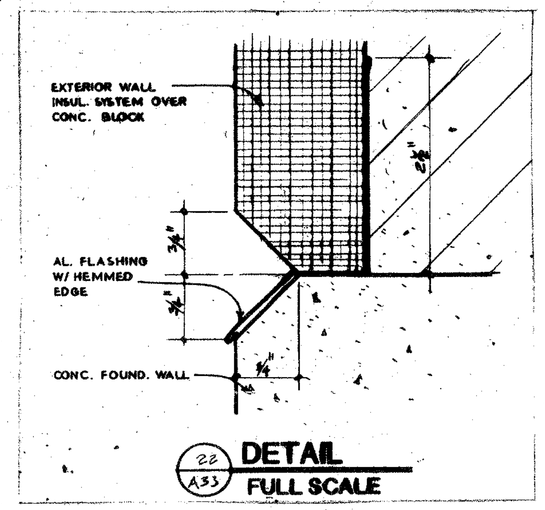
A 32

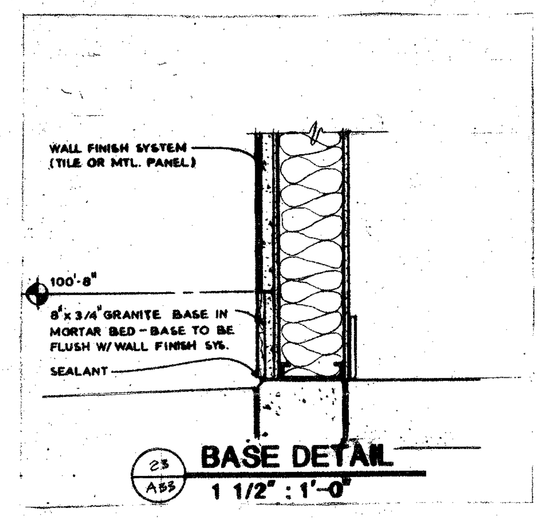


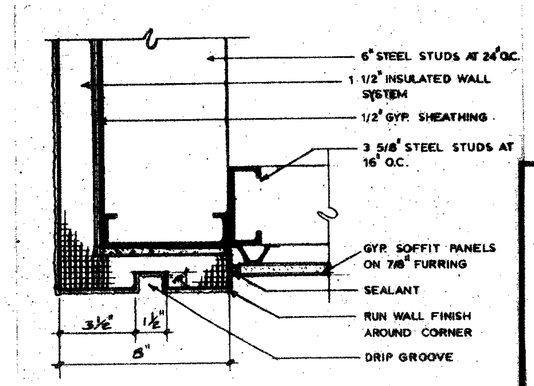
17 / A33 **PARAPET DETAIL**
3" : 1'-0"



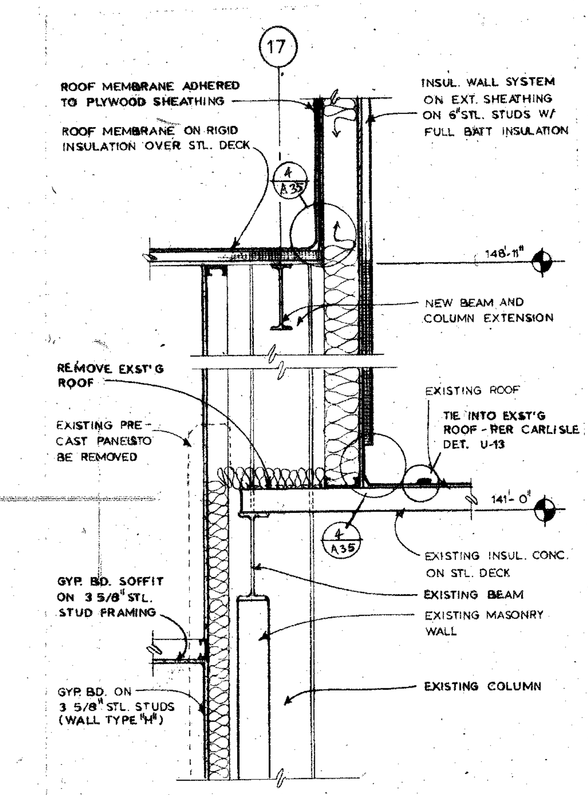
21 / A33 **SECTION**
1 1/2" : 1'-0"



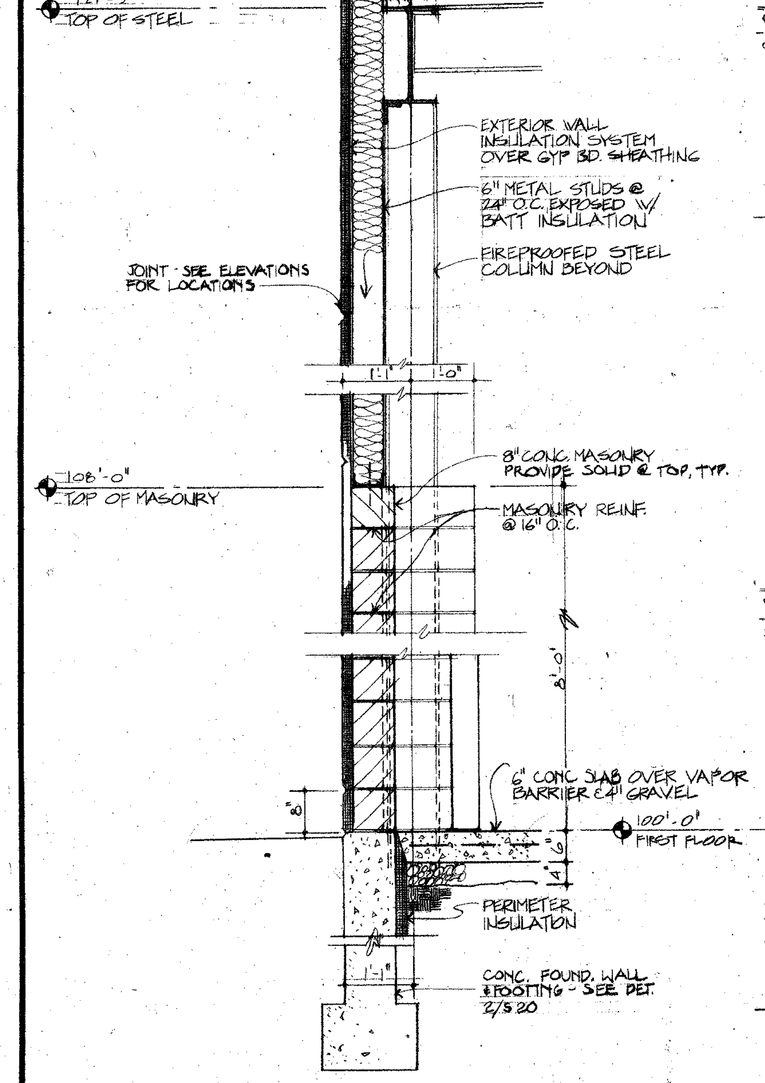




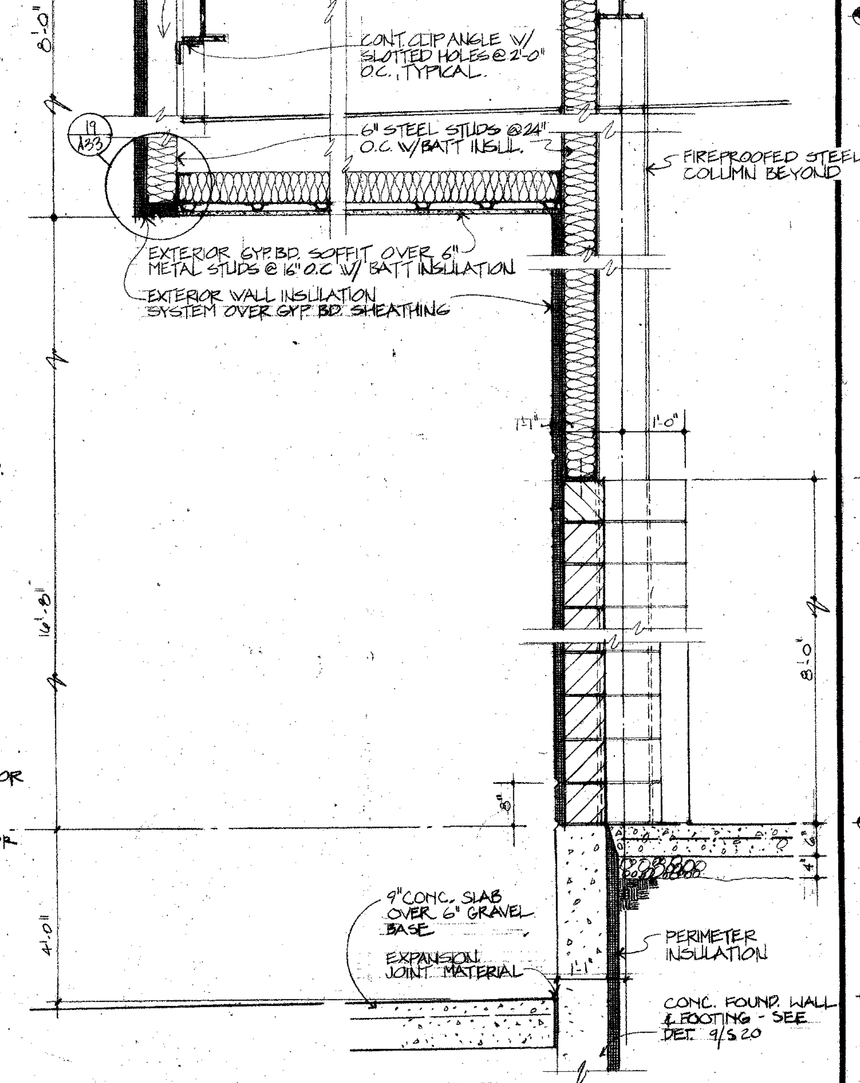
19 / A33 **SOFFIT DETAIL**
3" : 1'-0"



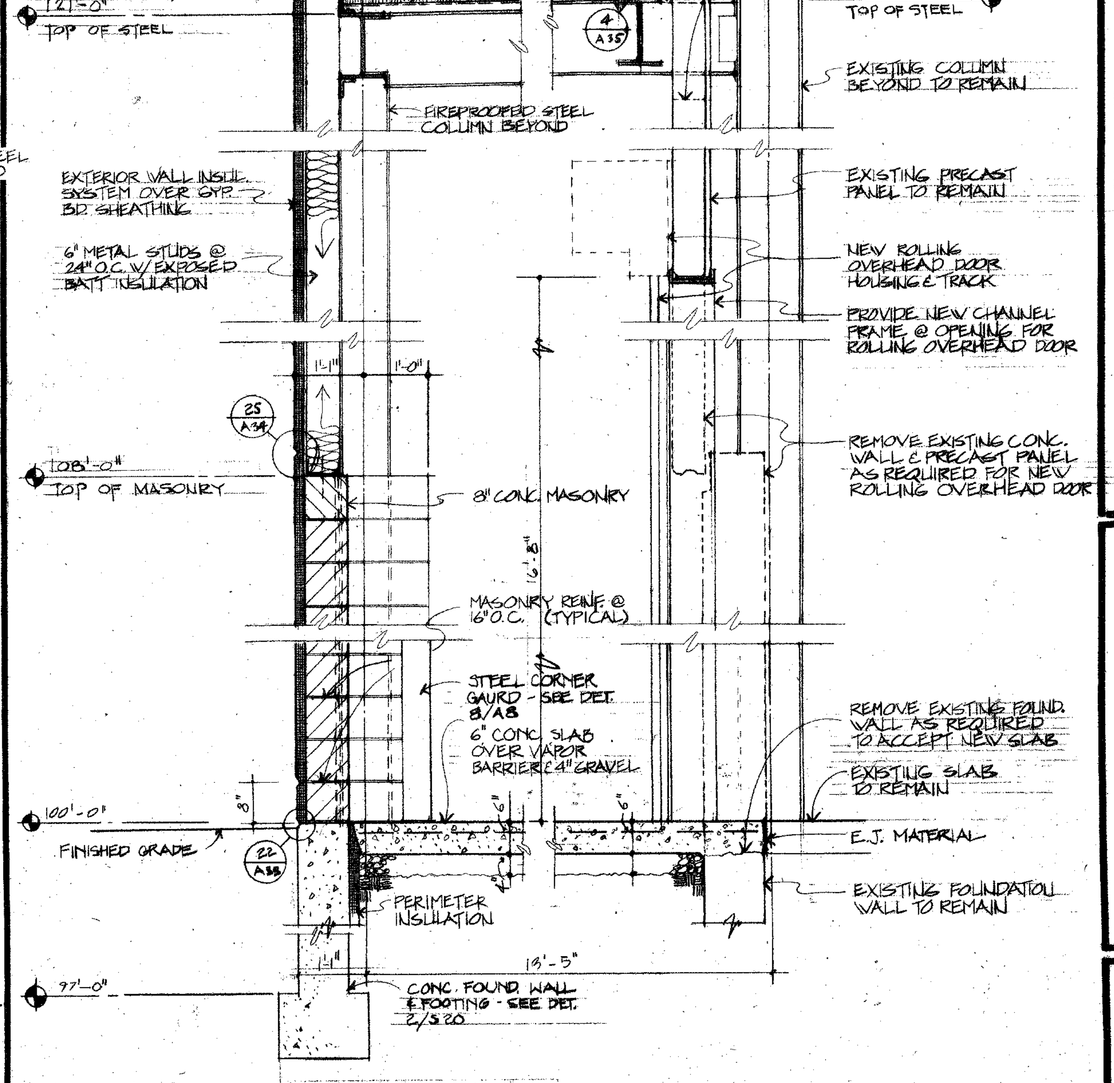
20 / A33 **WALL SECTION DETAIL**
3/4" : 1'-0"



10 / A33 **WALL SECTION**
3/4" : 1'-0"



9 / A33 **WALL SECTION**
3/4" : 1'-0"



8 / A33 **WALL SECTION**
3/4" : 1'-0"

ALTERNATE #G-1

STATE OF OHIO
LEVIN - 2053
PORTER - 3255
REGISTERED ARCHITECTS

PRINTING
10-9-86

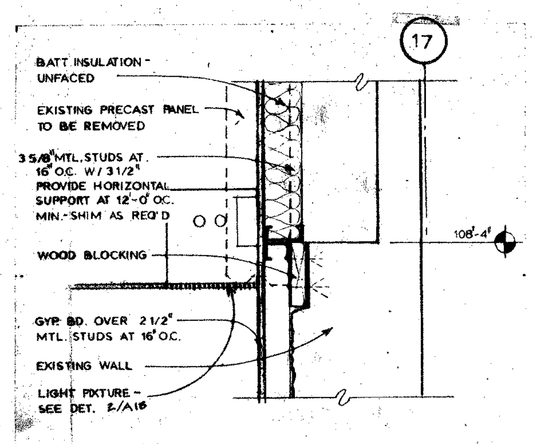
REVISIONS
△ NO RECORDED CHGS. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

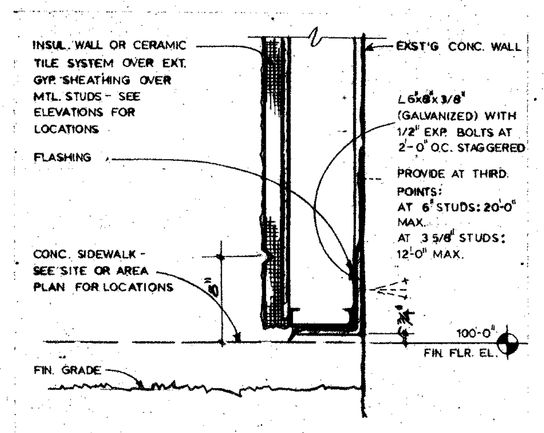
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
21 North Jefferson Street
Dayton, Ohio 45402
513/224-1920

DATE JUNE 9, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

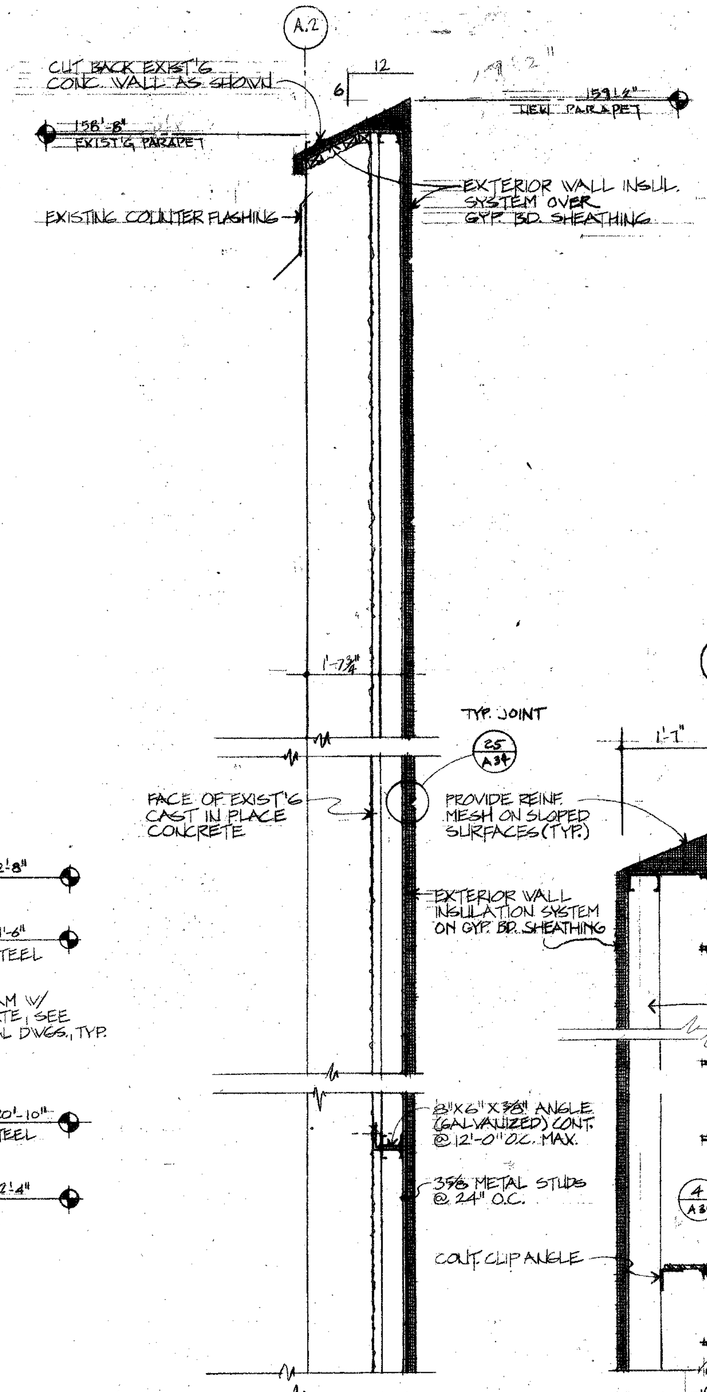
A 33



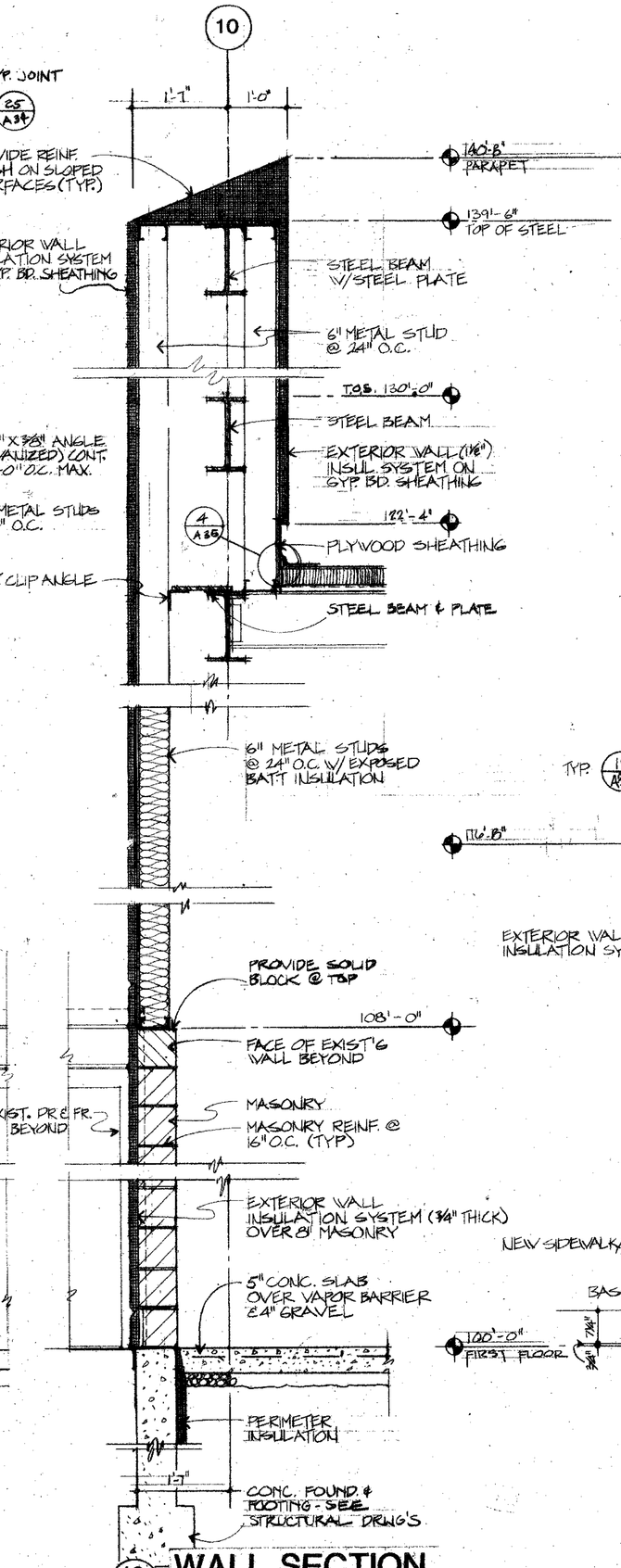
22 A34 **WALL FURRING DETAIL**
1 1/2" : 1'-0"



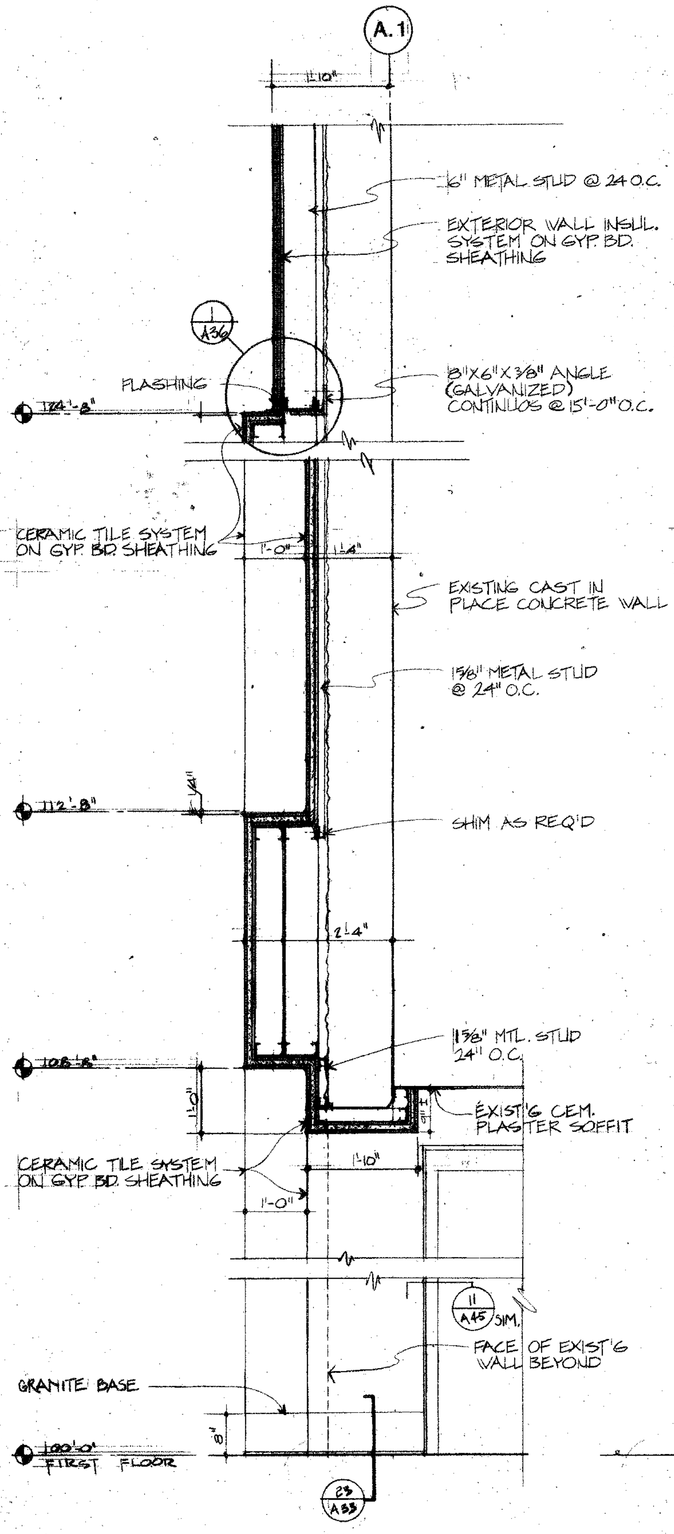
23 A34 **FURRING SUPPORT DETAIL**
1 1/2" : 1'-0"



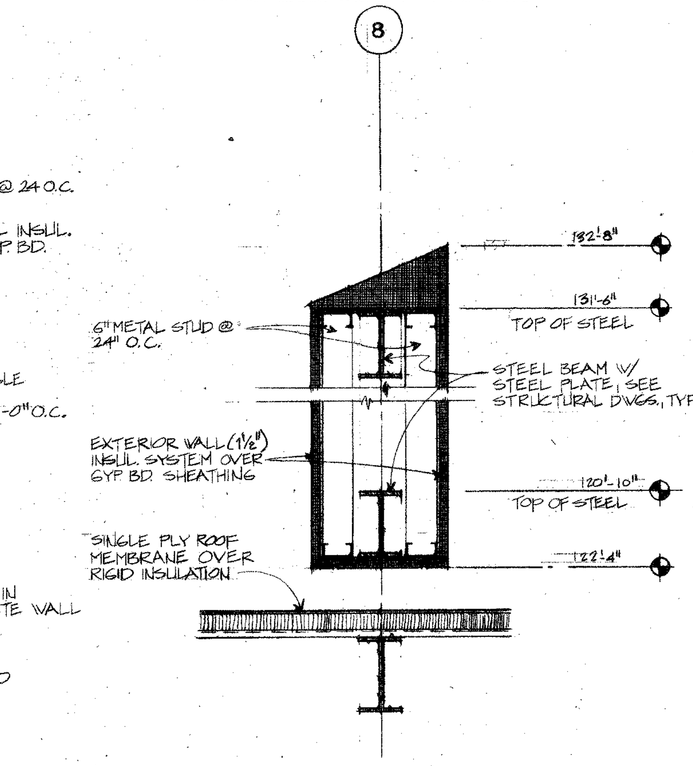
13 A34 **WALL SECTION**
3/4" = 1'-0"



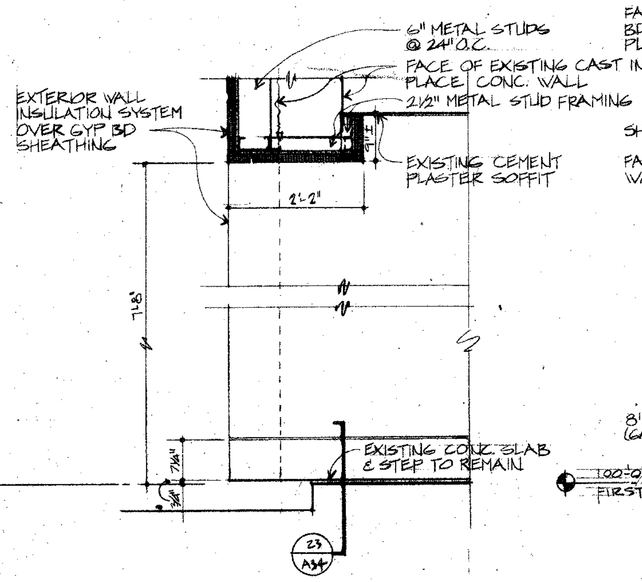
12 A34 **WALL SECTION**
3/4" = 1'-0"



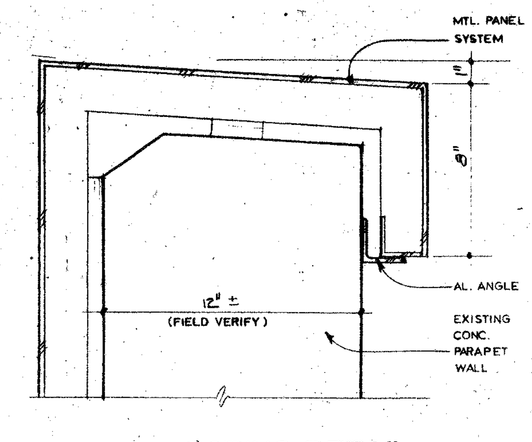
15 A34 **WALL SECTION**
3/4" = 1'-0"



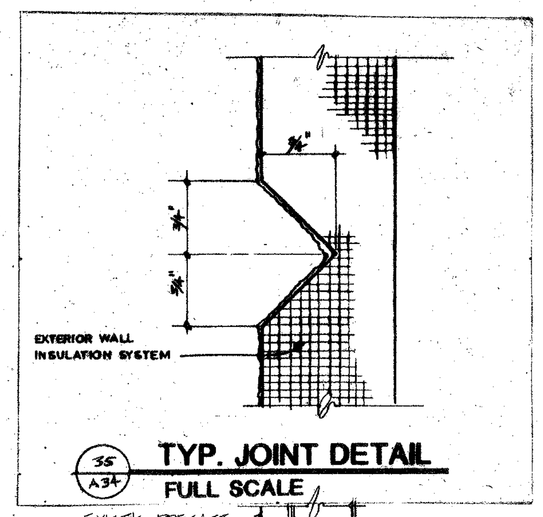
16 A34 **WALL SECTION**
3/4" = 1'-0"



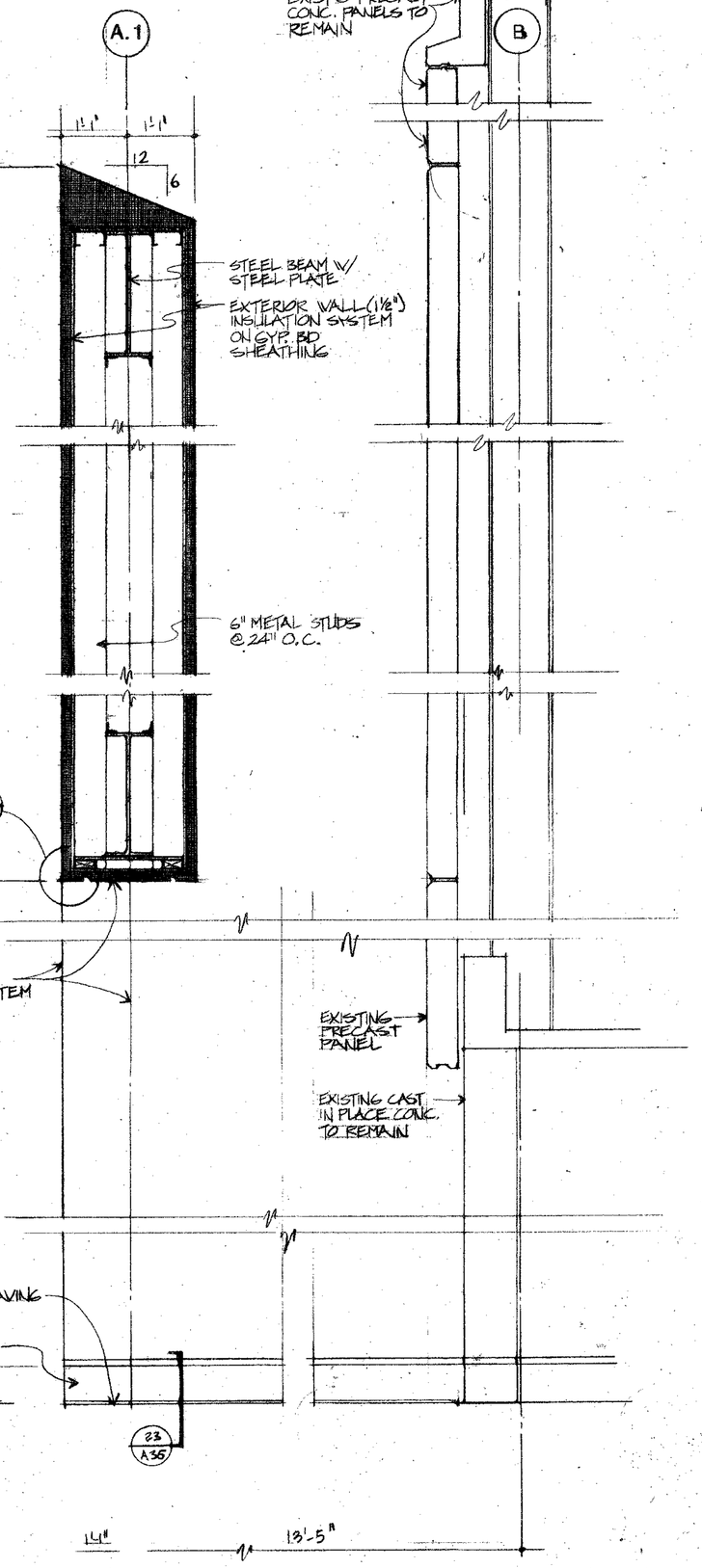
14 A34 **WALL SECTION**
3/4" = 1'-0"



24 A34 **COPING DETAIL**
3" : 1'-0"



35 A34 **TYP. JOINT DETAIL**
FULL SCALE



11 A34 **WALL SECTION**
3/4" = 1'-0"

STATE OF OHIO
LEVIN · 2353
PORTER · 2255
REGISTERED ARCHITECTS

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6-9-86

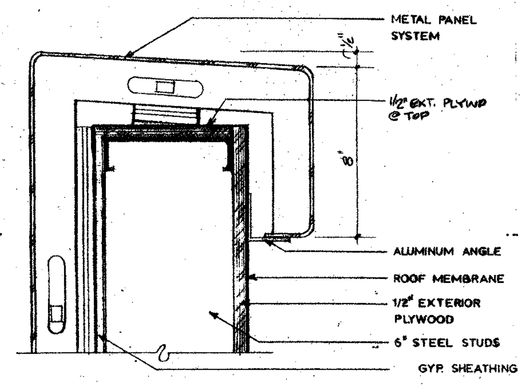
REVISIONS
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RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

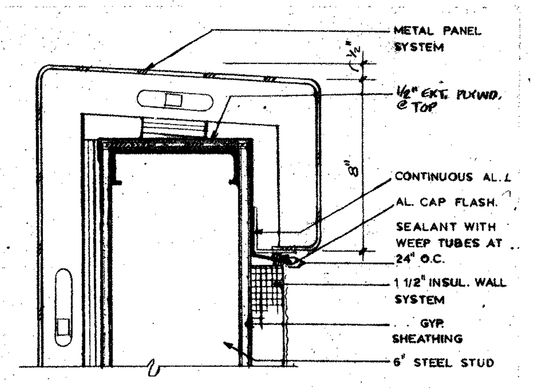
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224-1551

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO.
57411.00

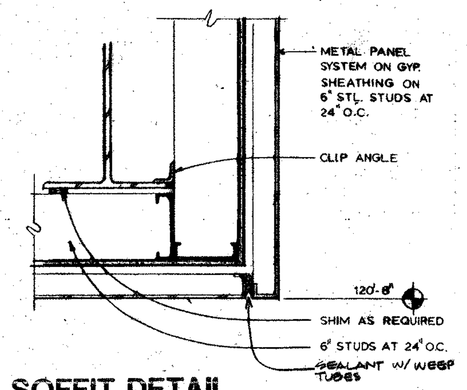
A 34



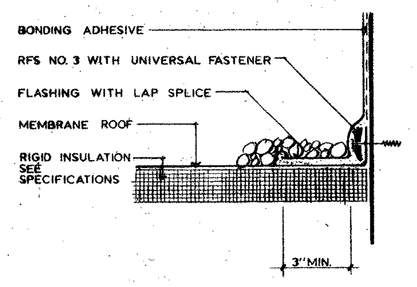
1 A35 **PARAPET DETAIL**
3" : 1'-0"



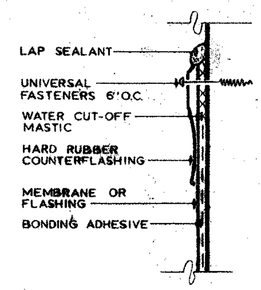
2 A35 **PARAPET DETAIL**
3" : 1'-0"



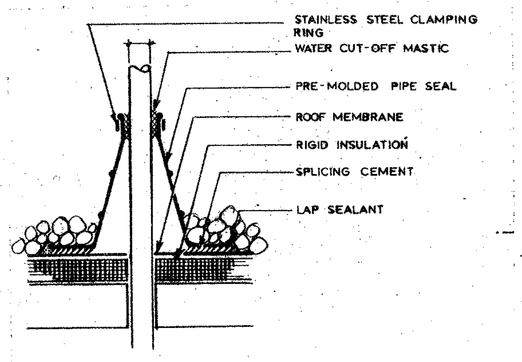
3 A35 **SOFFIT DETAIL**
1 1/2" : 1'-0"



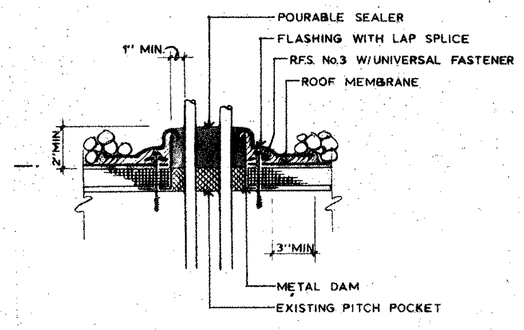
4 A35 **PARAPET FLASHING**
3": 1'-0"



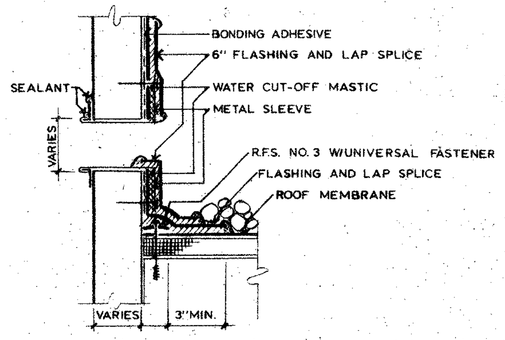
HARD RUBBER
5 A35 **COUNTERFLASHING**
N.T.S.



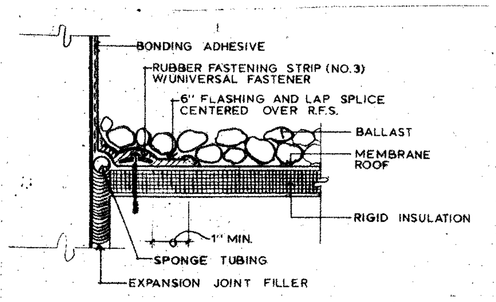
6 A35 **VENT PIPE FLASHING DETAIL**
N.T.S.



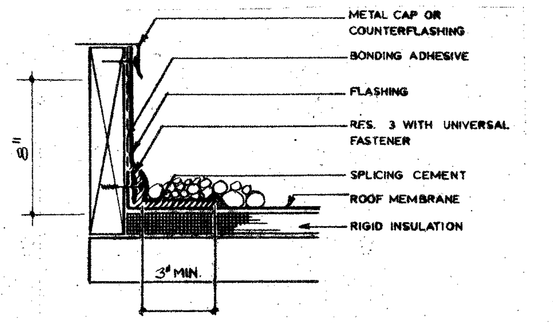
7 A35 **POURABLE SEALER POCKET**
N.T.S.



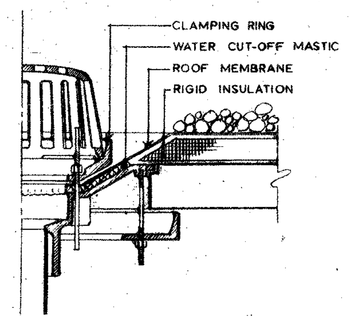
8 A35 **OVERFLOW SCUPPER**
N.T.S.



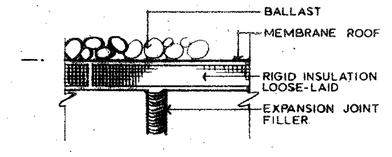
9 A35 **EXPANSION JOINT**
N.T.S.



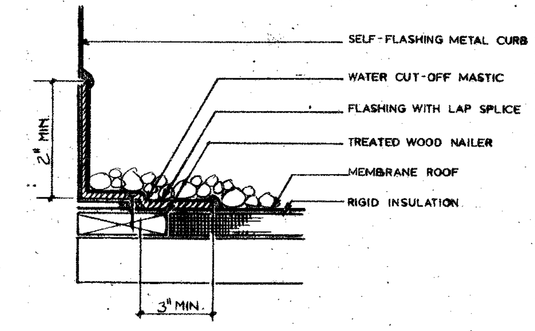
10 A35 **CURB/SKYLIGHT DETAIL**
N.T.S.



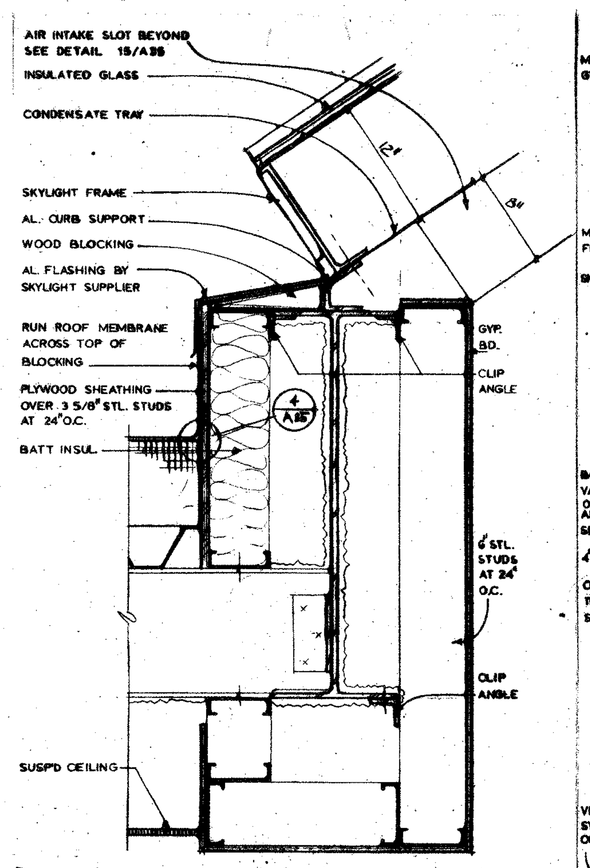
11 A35 **ROOF DRAIN**
N.T.S.



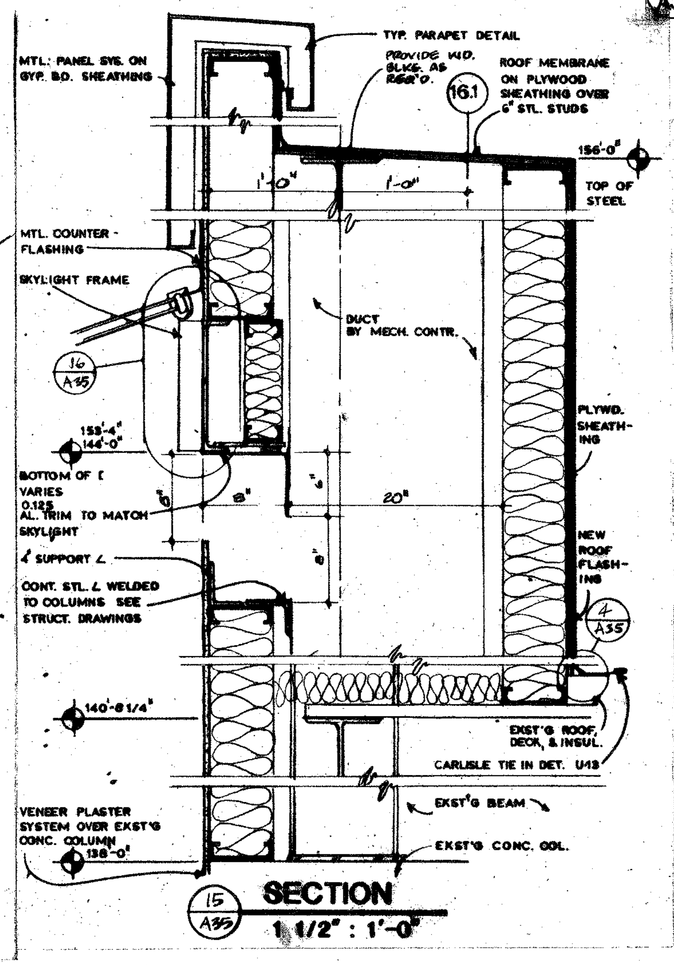
12 A35 **EXPANSION JOINT**
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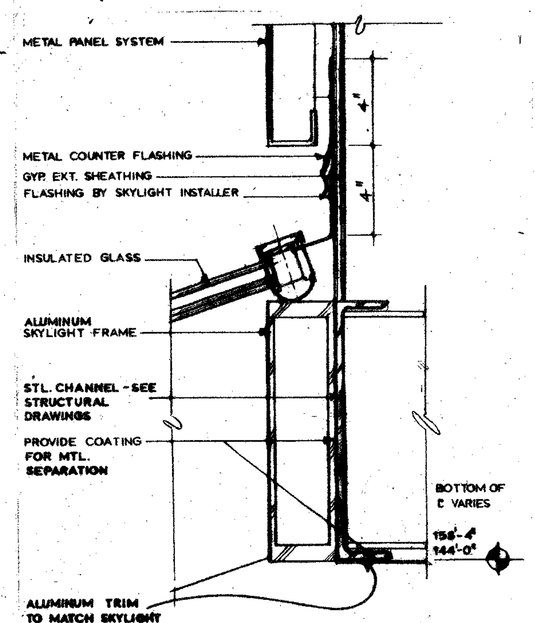
13 A35 **CURB/SKYLIGHT DETAIL**
N.T.S.



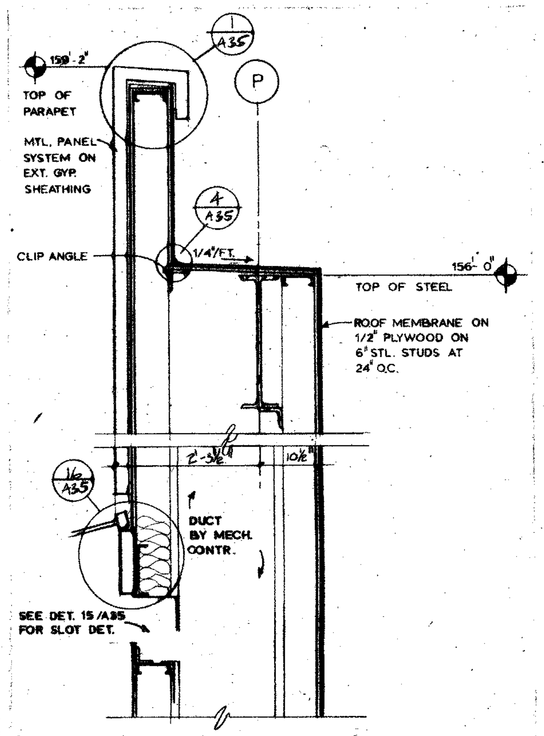
14 A35 **SKYLIGHT CURB DETAIL**
1 1/2" : 1'-0"



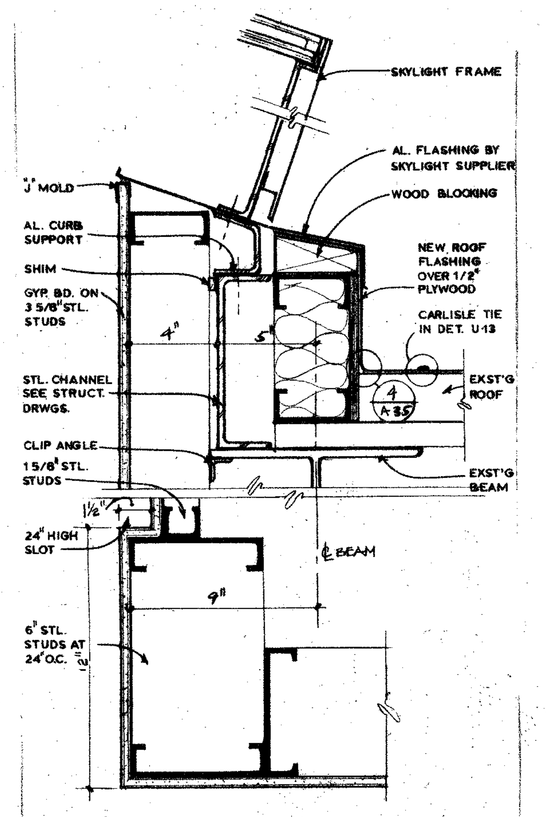
15 A35 **SECTION**
1 1/2" : 1'-0"



16 A35 **SKYLIGHT HEAD DETAIL**
3" : 1'-0"



17 A35 **PARTIAL WALL SECTION**
3/4" : 1'-0"



18 A35 **SKYLIGHT CURB DETAIL**
3" : 1'-0"

STATE OF OHIO
LEWIS · 2353
PORTER · 3255
REGISTERED ARCHITECT

PRINTING
6·9·86

REVISIONS
△ NO RECORDED DRG. REVISIONS THIS SHEET

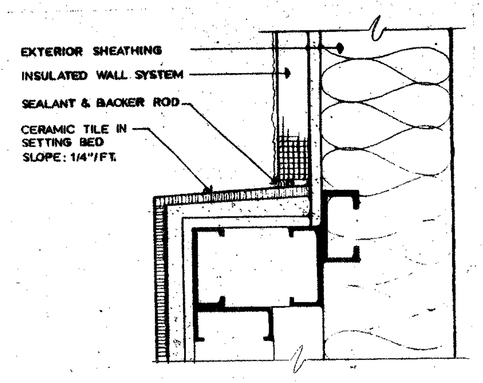
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES, INC.
ARCHITECTURE PLANNING
21 North Jefferson Street
Dayton, Ohio 45402
(513) 224 1951

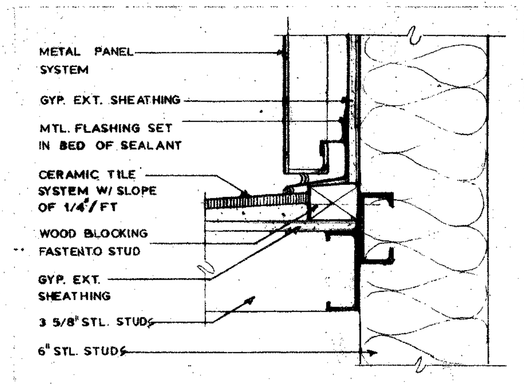
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A 35

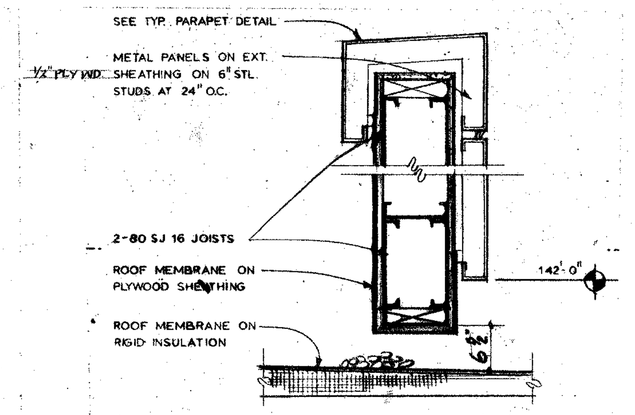
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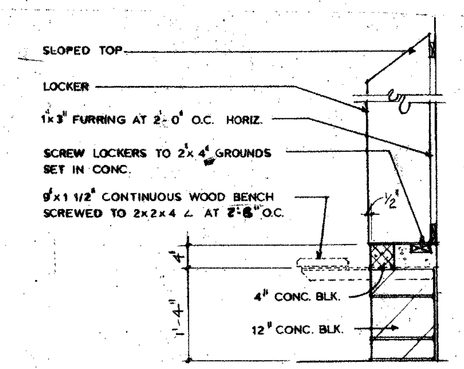
1/A36 **DETAIL**
3" : 1'-0"



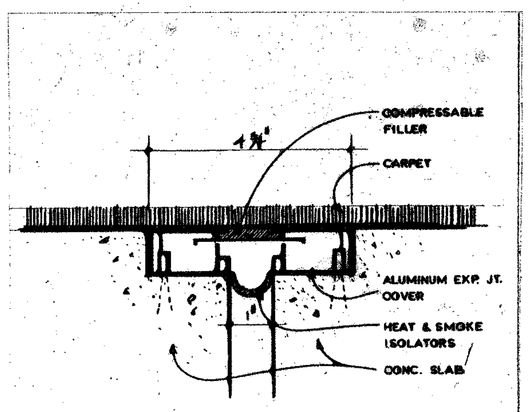
2/A36 **DETAIL**
3" : 1'-0"



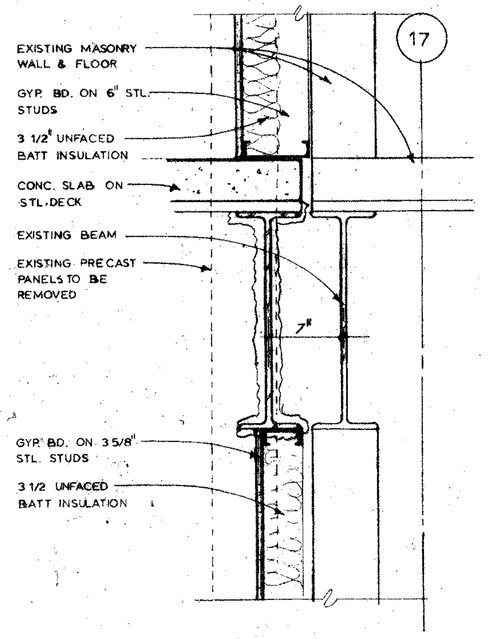
3/A36 **SECTION DETAIL**
1 1/2" : 1'-0"



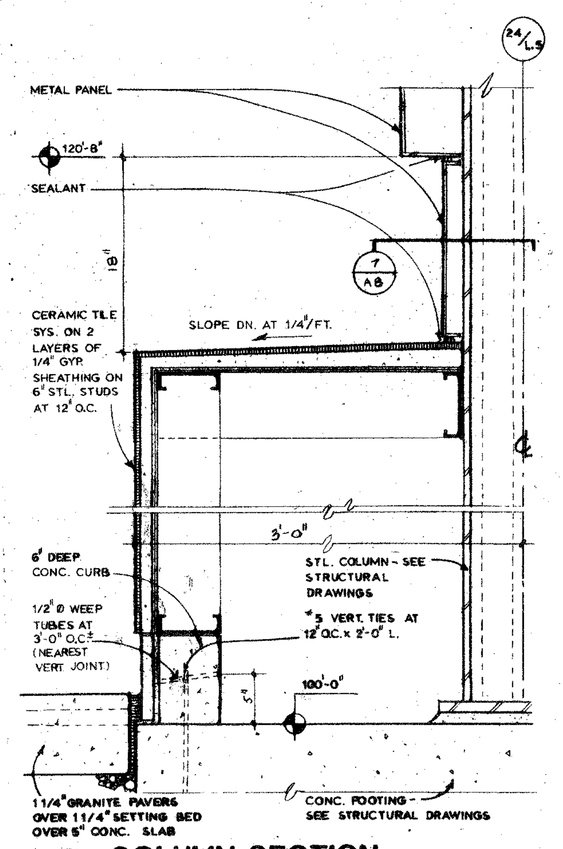
4/A36 **LOCKER DETAIL**
3/4" : 1'-0"



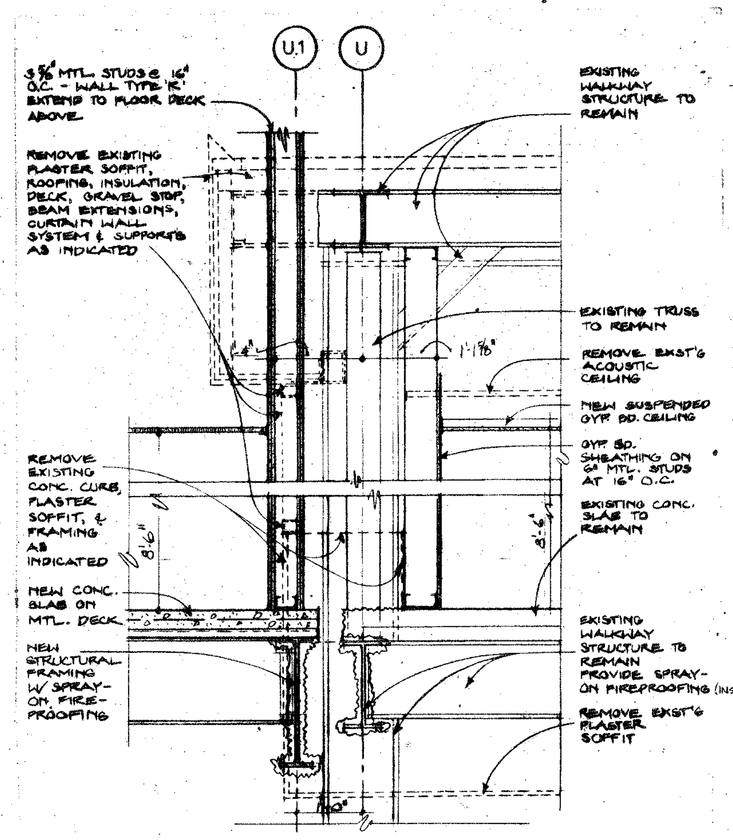
14/A36 **TYP. FLOOR EXP. JT.**
6" : 1'-0"



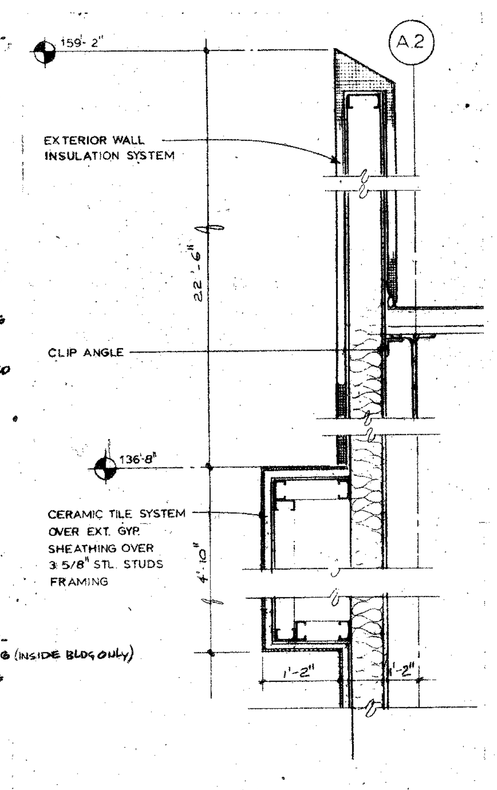
5/A36 **WALL SECTION DETAIL**
1 1/2" : 1'-0"



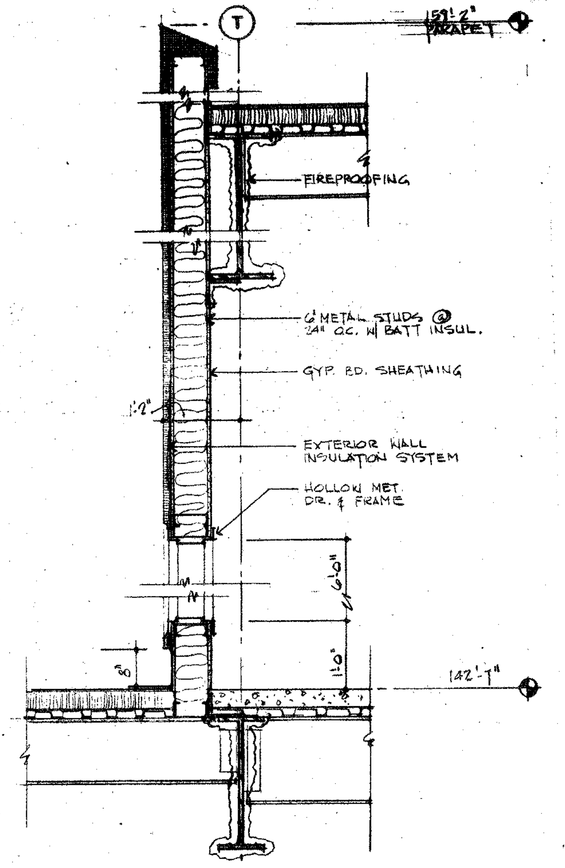
6/A36 **COLUMN SECTION**
1 1/2" : 1'-0"



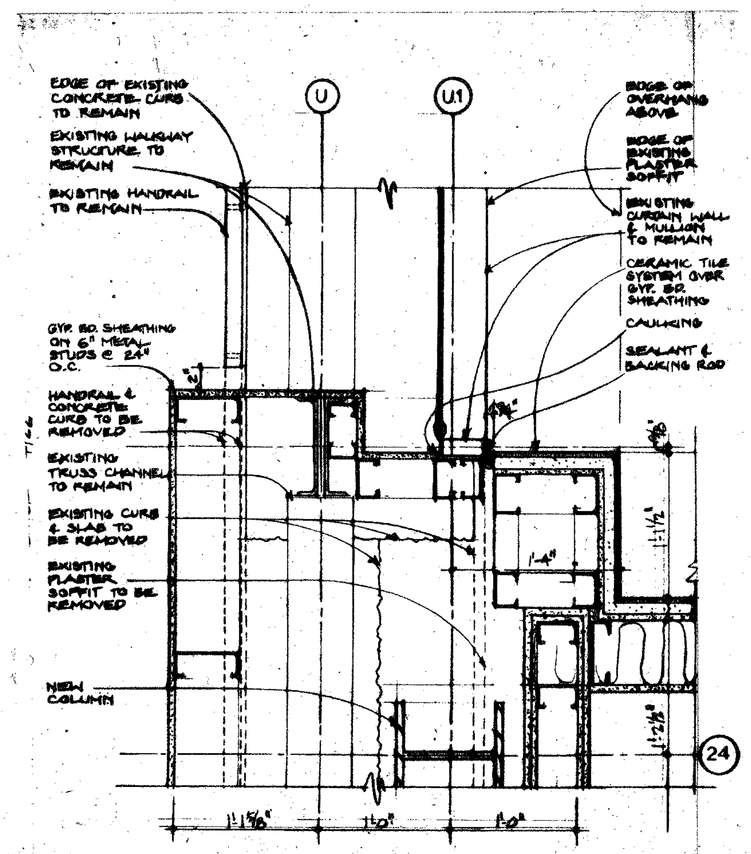
7/A36 **SECTION**
3/4" : 1'-0"



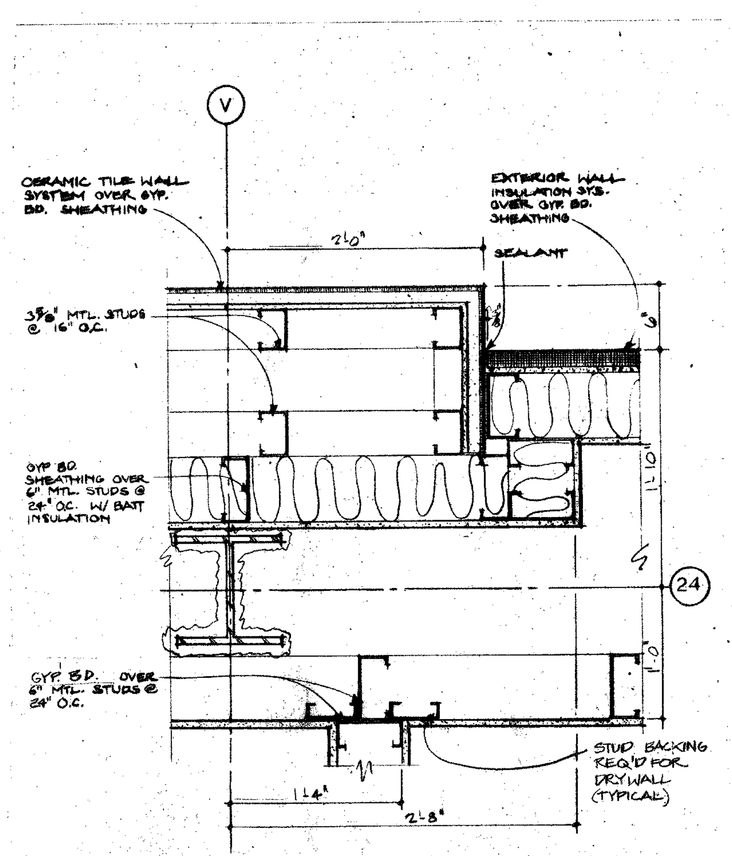
8/A36 **PARTIAL WALL SECT.**
3/4" : 1'-0"



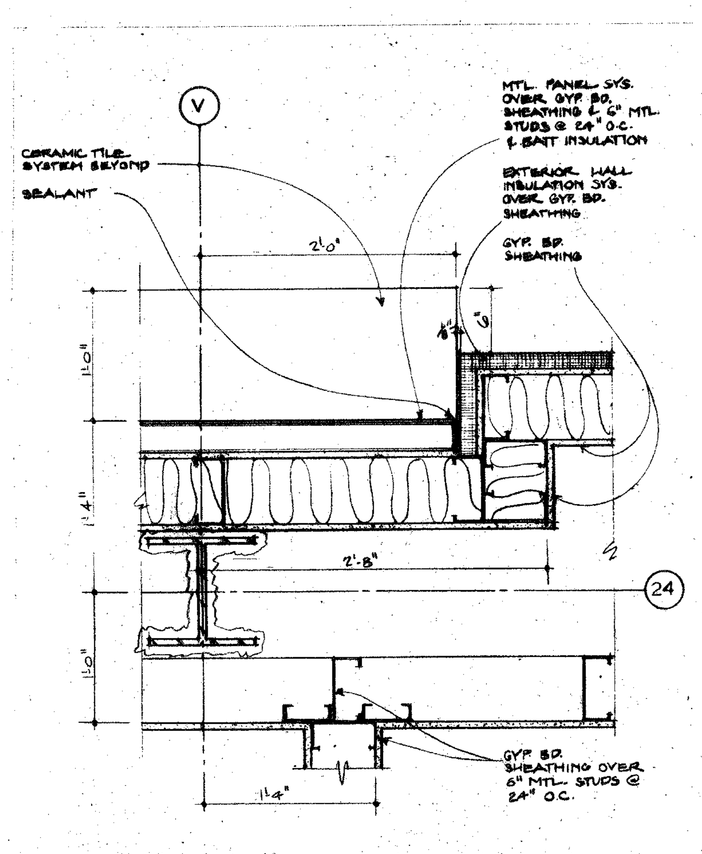
13/A36 **SECTION**
3/4" 1'-0"



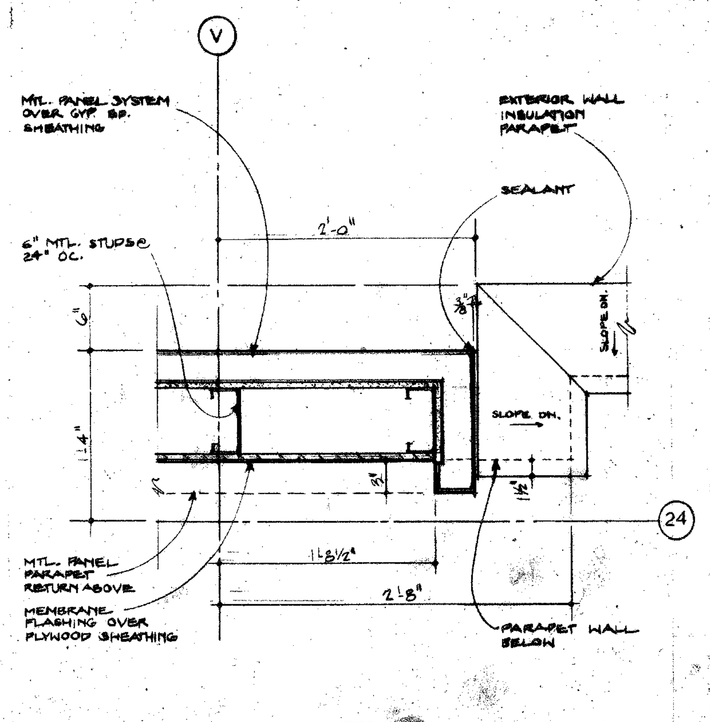
9/A36 **PLAN DETAIL**
1 1/2" : 1'-0"



10/A36 **PLAN DETAIL**
1 1/2" : 1'-0"



11/A36 **PLAN DETAIL**
1 1/2" : 1'-0"



12/A36 **PLAN DETAIL**
1 1/2" : 1'-0"

STATE OF OHIO
LEVIN · PORTER
REGISTERED ARCHITECTS

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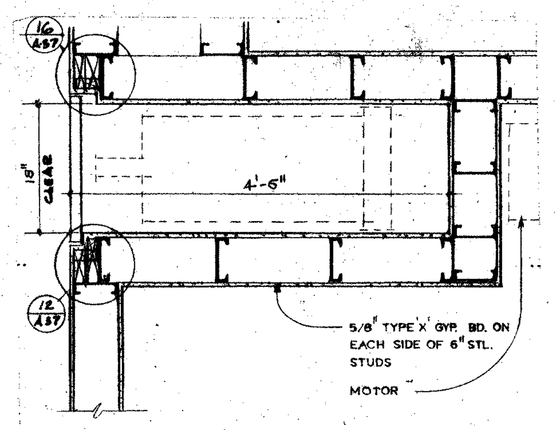
REVISIONS
△ NO RECORD DRG. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

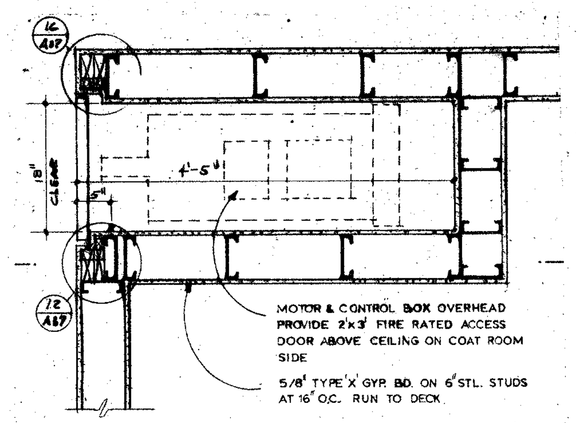
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224-1951

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO.
57411.00

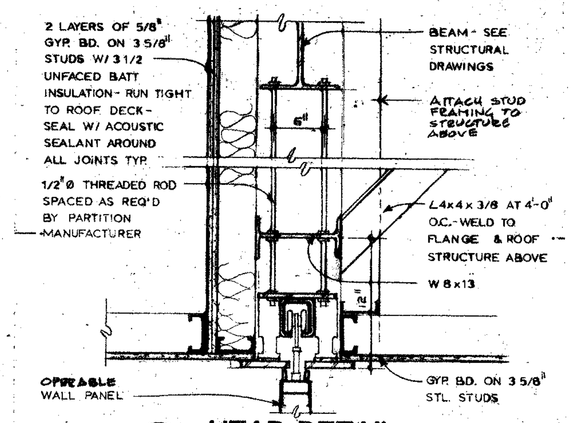
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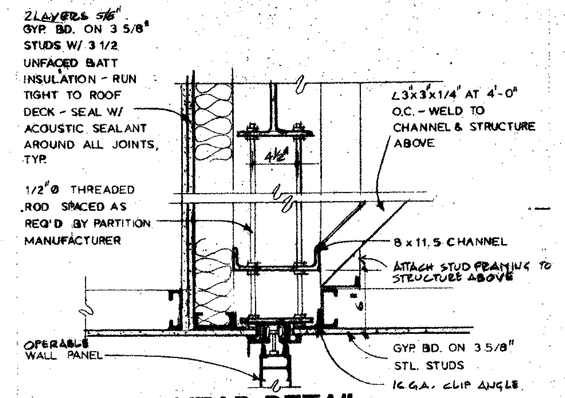
1 A37 **POCKET PLAN**
1" : 1'-0"



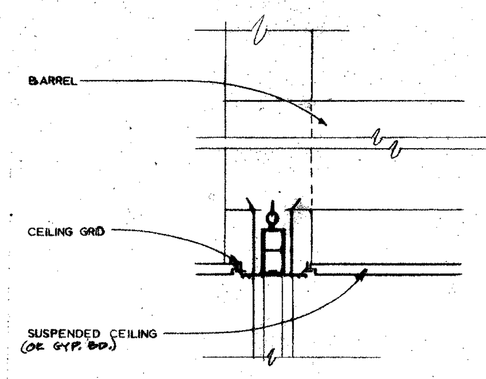
2 A37 **POCKET PLAN**
1" : 1'-0"



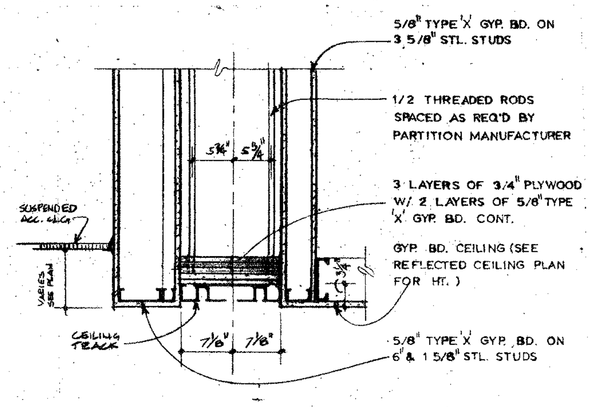
3 A37 **HEAD DETAIL**
1 1/2" : 1'-0"



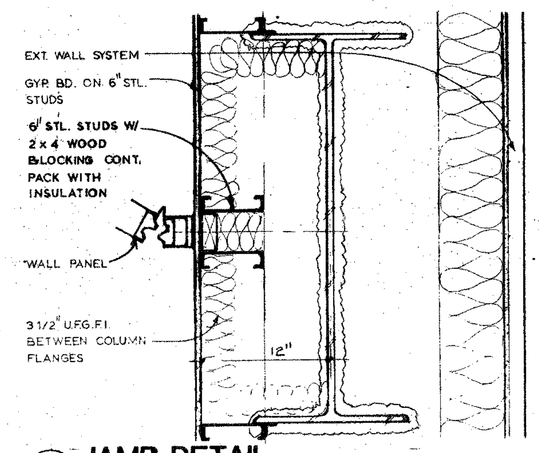
4 A37 **HEAD DETAIL**
1 1/2" : 1'-0"



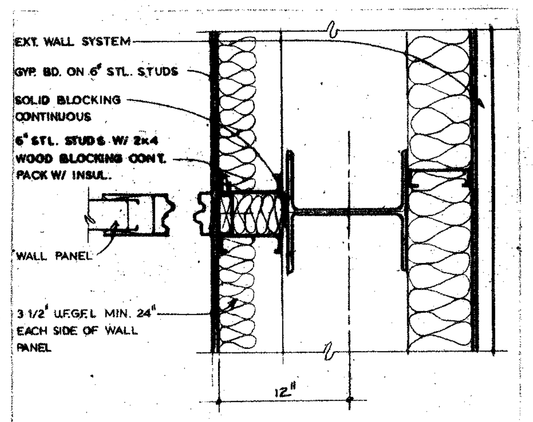
5 A37 **HEAD-ROLLING GRILLE**
3" : 1'-0"



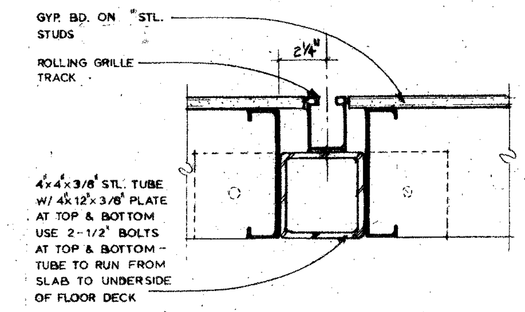
6 A37 **HEAD DETAIL**
1" : 1'-0"



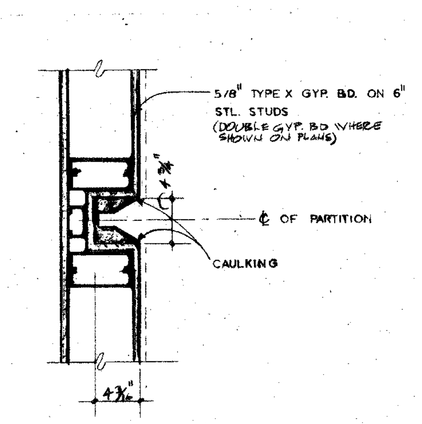
8 A37 **JAMB DETAIL**
1 1/2" : 1'-0"



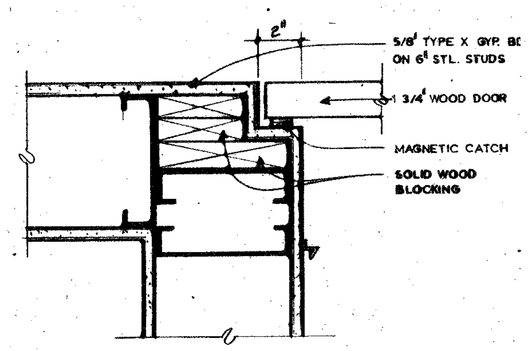
9 A37 **JAMB DETAIL**
1 1/2" : 1'-0"



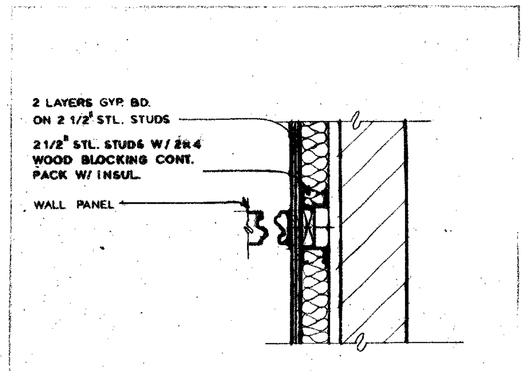
10 A37 **JAMB-ROLLING GRILLE**
3" : 1'-0"



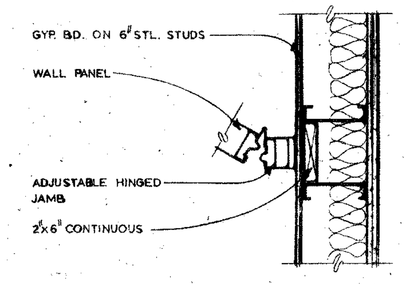
11 A37 **JAMB DETAIL**
1 1/2" : 1'-0"



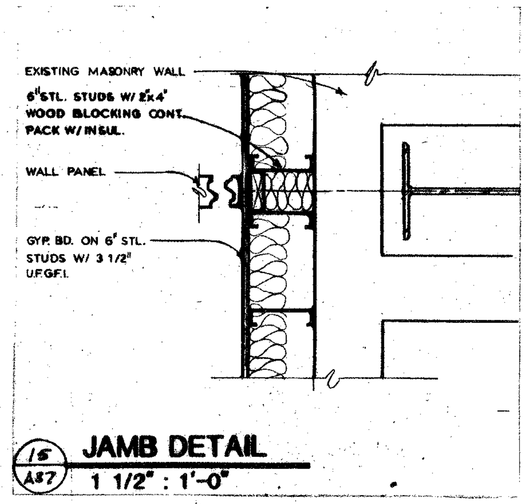
12 A37 **JAMB DETAIL**
3" : 1'-0"



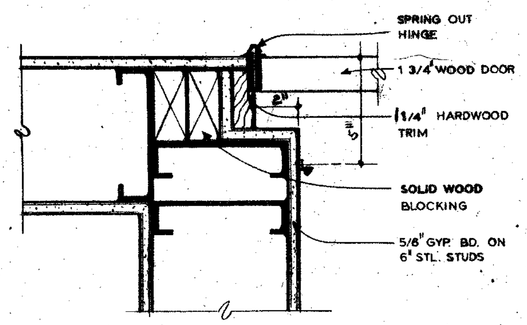
13 A37 **JAMB DETAIL**
1 1/2" : 1'-0"



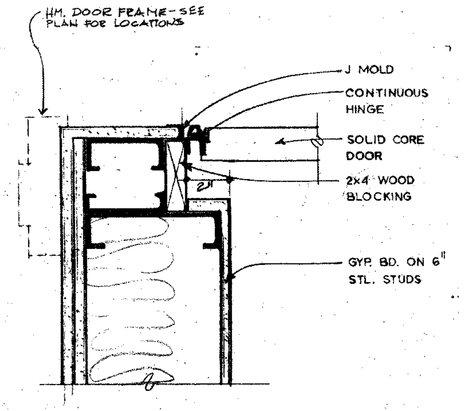
14 A37 **JAMB DETAIL**
1 1/2" : 1'-0"



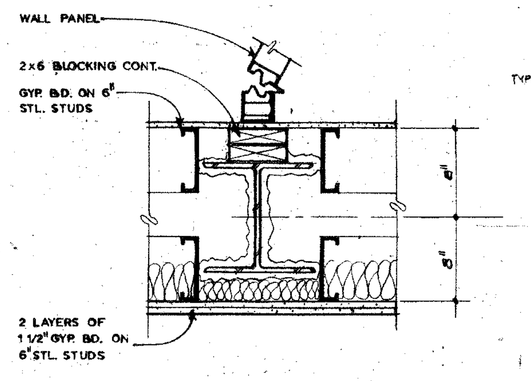
15 A37 **JAMB DETAIL**
1 1/2" : 1'-0"



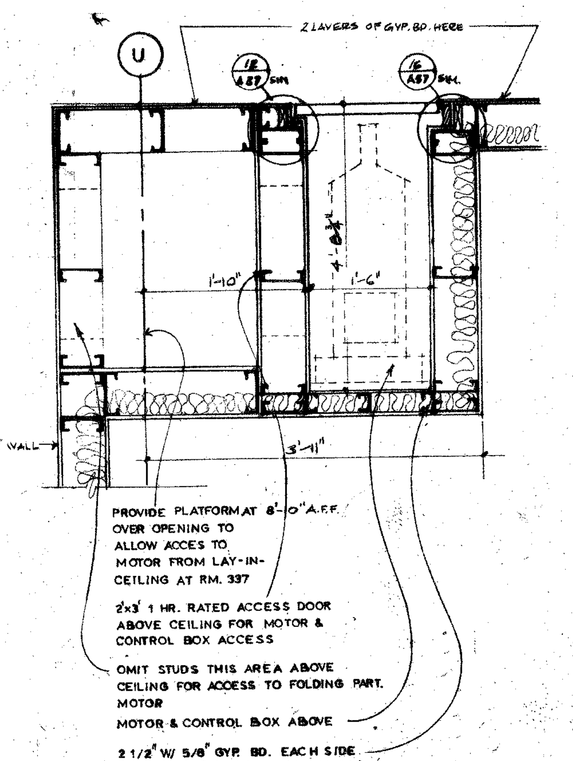
16 A37 **JAMB DETAIL**
3" : 1'-0"



(OPERABLE WALL POCKET)
17 A37 **JAMB DETAIL**
3" : 1'-0"



18 A37 **JAMB DETAIL**
1 1/2" : 1'-0"



19 A37 **POCKET PLAN**
1" : 1'-0"

STATE OF OHIO
LEVIN - 2353
PORTER - 2255
REGISTERED ARCHITECTS

PRINTING
10·9·86

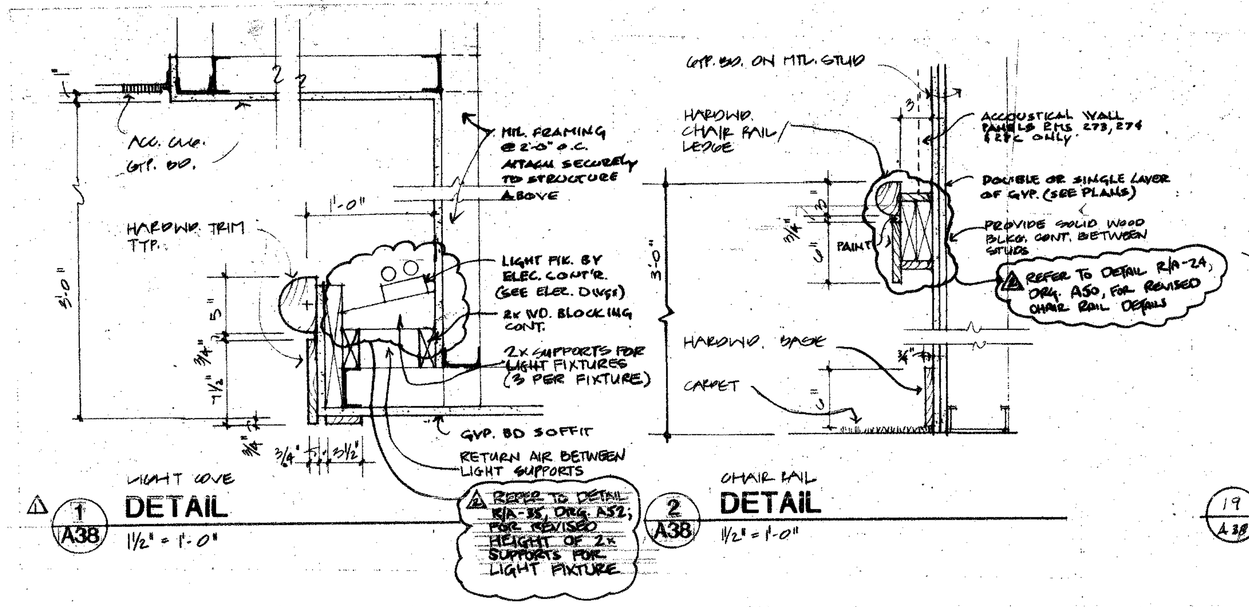
REVISIONS
△ NO RECORD DRG. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
(513) 223-1921

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO.
87411.00

A 37



LIGHT COVE

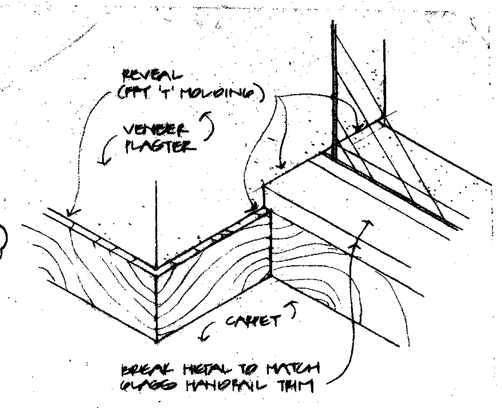
1 / A38 **DETAIL**

1 1/2" = 1'-0"

CHAIR RAIL

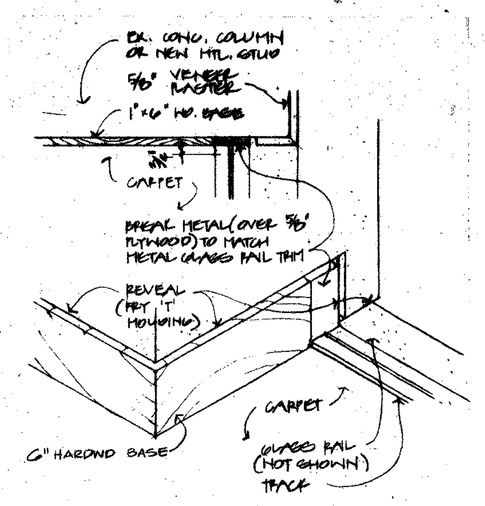
2 / A38 **DETAIL**

1 1/2" = 1'-0"



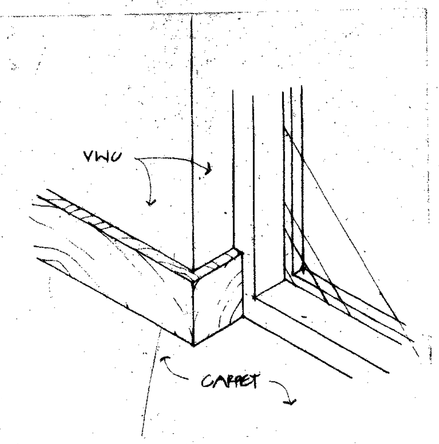
19 / A38 **DETAIL** @ END FLOOR HANDRAIL & COLUMNS

1 1/2" = 1'-0"



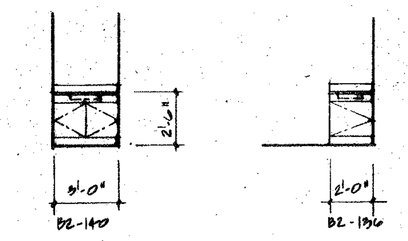
18 / A38 **DETAIL** @ 3RD FLOOR HANDRAIL & COLUMNS

1 1/2" = 1'-0"



17 / A38 **DETAIL** @ 3RD FLOOR WINDOWS

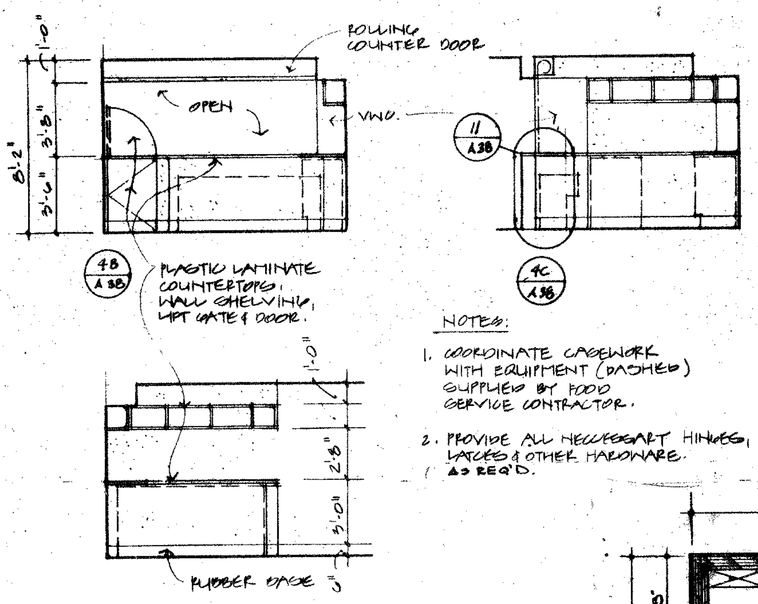
1 1/2" = 1'-0"



RM. 221 RMS. 241/242

3 / A38 **ELEVATIONS**

1/4" = 1'-0"



4B / A38 PLASTIC LAMINATE COUNTERTOPS, WALL SHELVING, LIFT GATE & DOOR.

4C / A38

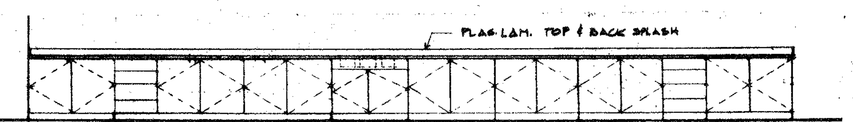
NOTES:

1. COORDINATE CASEWORK WITH EQUIPMENT (DASHED) SUPPLIED BY FOOD SERVICE CONTRACTOR.
2. PROVIDE ALL NECESSARY HINGES, LATCHES & OTHER HARDWARE AS REQ'D.

RM. 333 BAR - VIP LOUNGE

4A / A38 **ELEVATIONS**

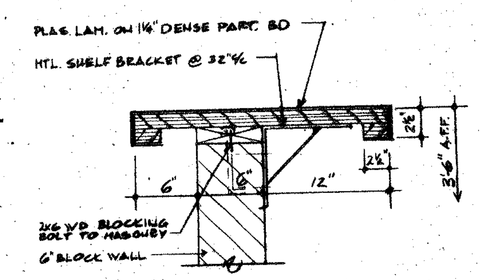
1/4" = 1'-0"



RM. IGT

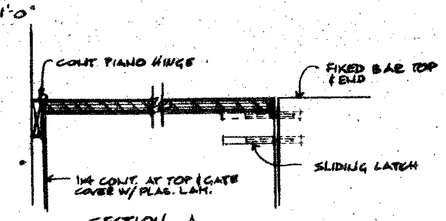
20 / A38 **ELEVATION**

1/4" = 1'-0"

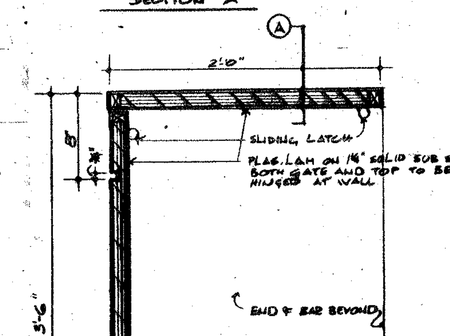


16 / A38 **COUNTER DETAIL**

1 1/2" : 1'-0"

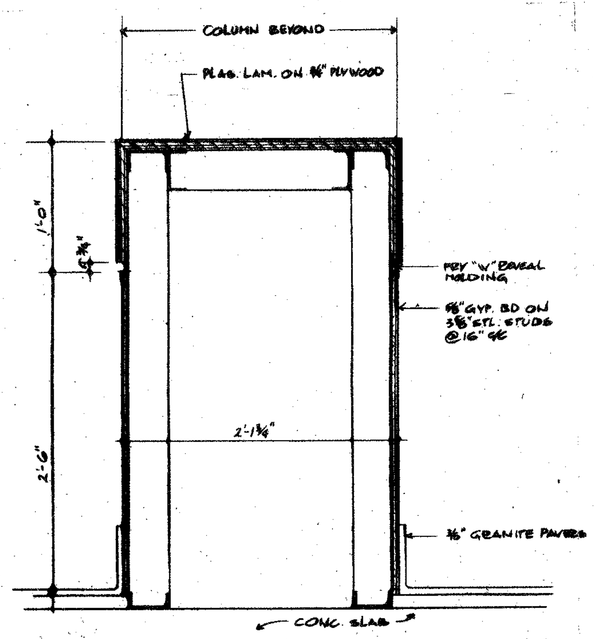


SECTION A



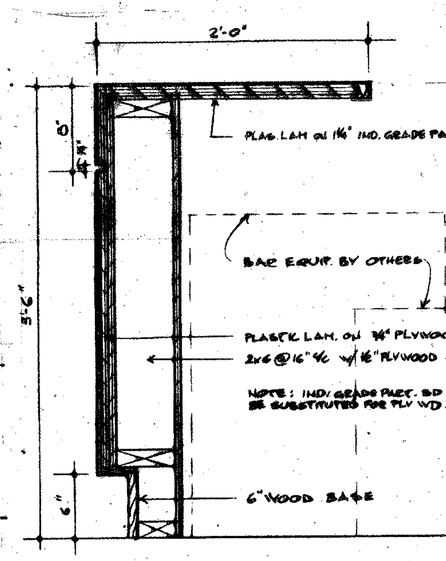
14 / A38 **BAR GATE DETAIL**

1 1/2" = 1'-0"



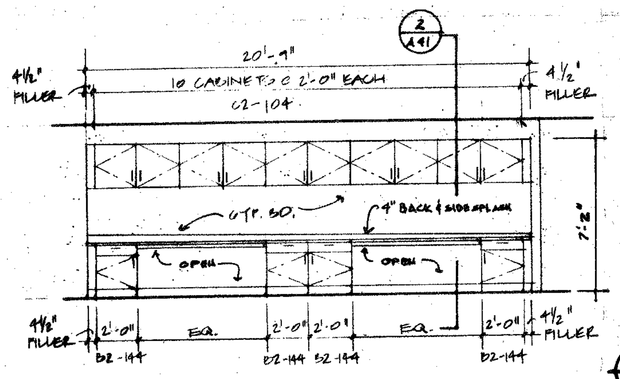
15 / A38 **HALF WALL DETAIL**

1 1/2" = 1'-0"



11 / A38 **BAR DETAIL**

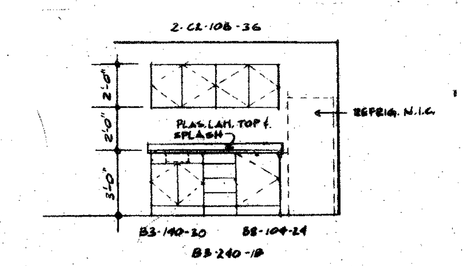
1 1/2" : 1'-0"



RM. 131

6 / A38 **ELEVATION**

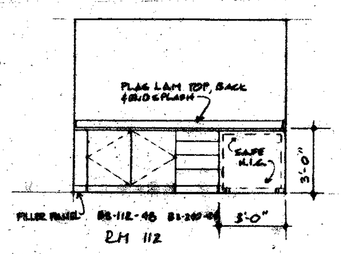
1/4" = 1'-0"



RM 230

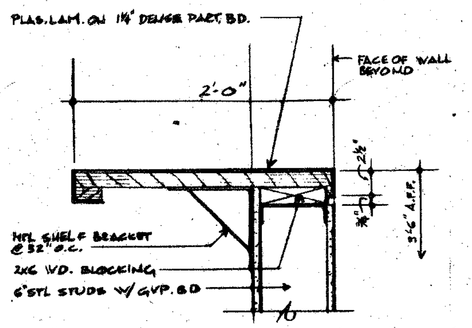
7 / A38 **ELEVATION**

1/4"=1'-0"



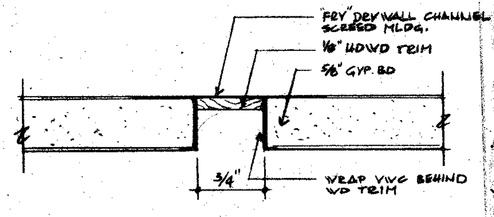
21 / A38 **ELEVATION**

1/4"=1'-0"



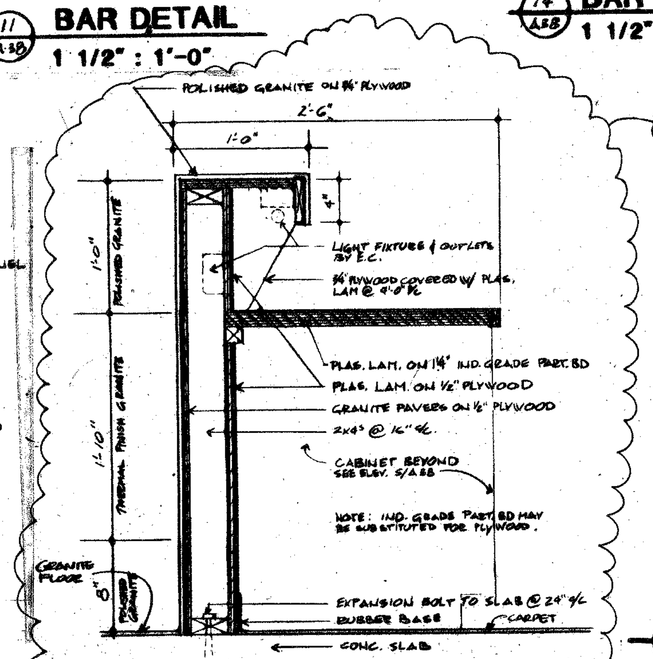
8 / A38 **COUNTER DETAIL**

1 1/2" : 1'-0"



9 / A38 **REVEAL DETAIL**

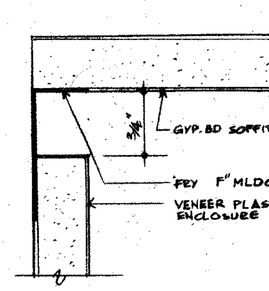
full scale



⚠ REFER TO DETAIL C/A-20, DRG. A34, FOR DETAIL REVISIONS

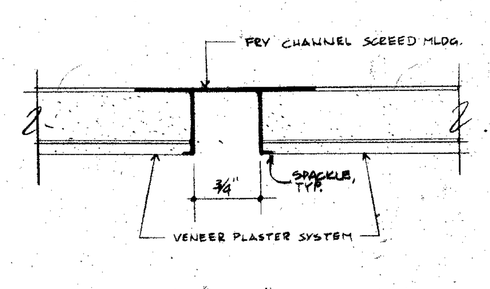
10 / A38 **REGISTRATION COUNTER DETAIL**

1 1/2" : 1'-0"



12 / A38 **REVEAL DETAIL**

full scale



13 / A38 **REVEAL DETAIL**

full scale

STATE OF OHIO
LEWIN · 2353
PORTER · 3255
REGISTERED ARCHITECTS

PRINTING
10-9-86

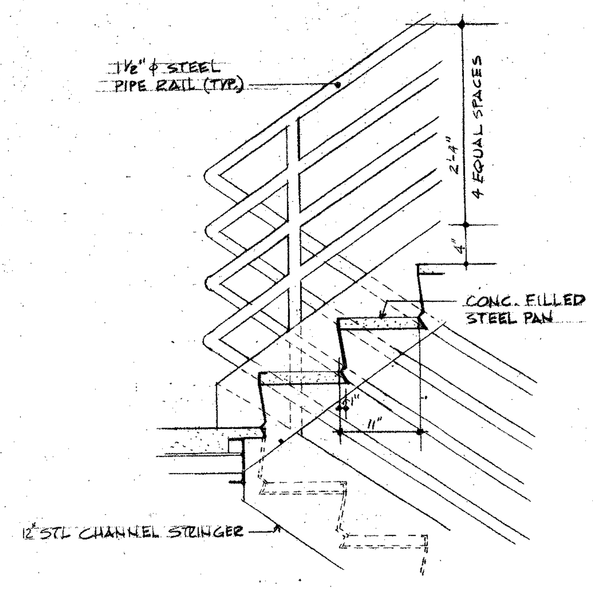
REVISIONS
⚠ 3-13-87 PKT #1
⚠ 11-1-88 RECORD DRG. REVISIONS

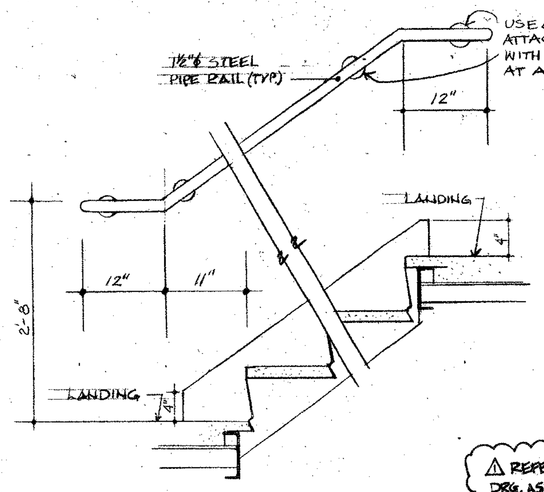
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

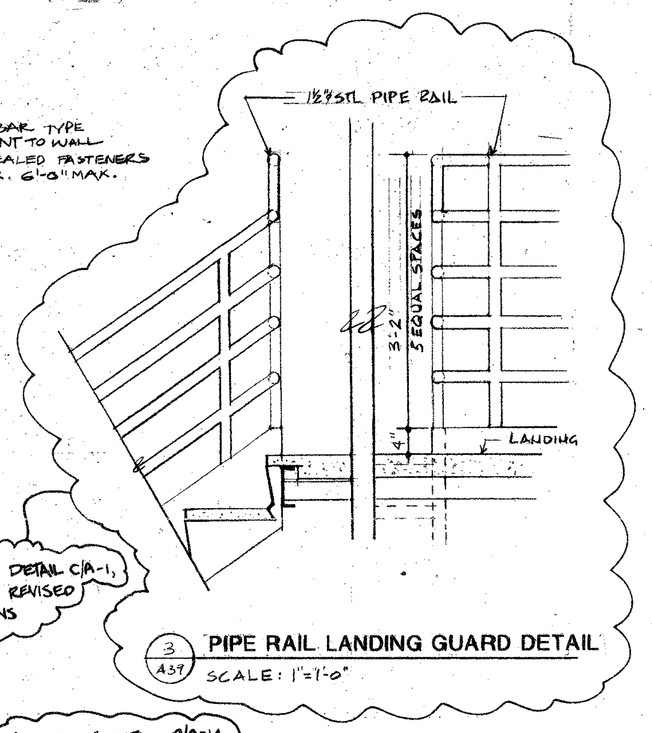
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1101

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

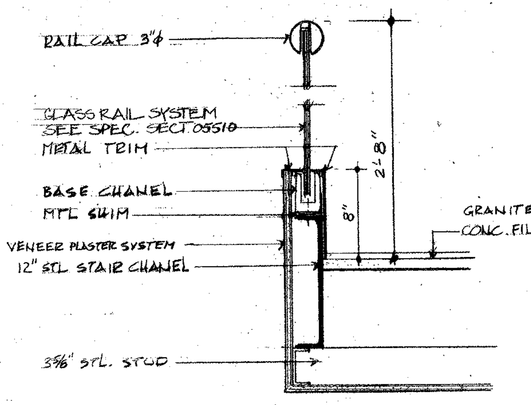
A 38



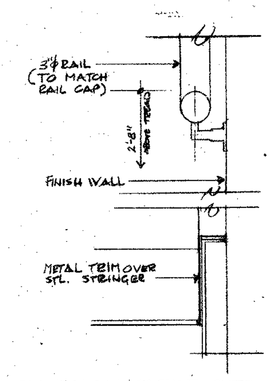




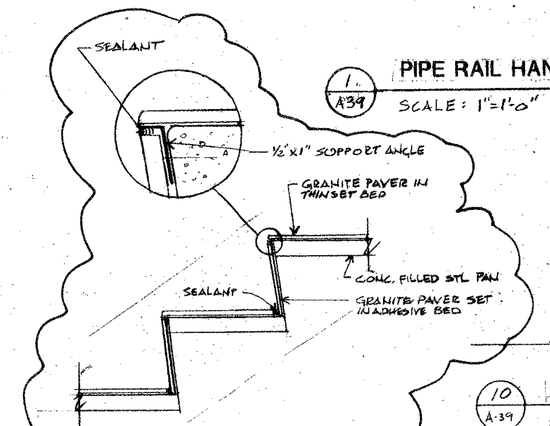
3 / A39 PIPE RAIL LANDING GUARD DETAIL
SCALE: 1"=1'-0"



4 / A39 GLASS HANDRAIL DETAIL
SCALE: 1½"=1'-0"

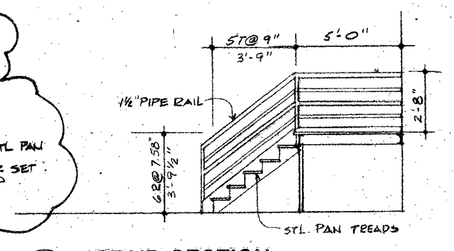


14 / A39 WALL HANDRAIL DET.
1½"=1'-0"



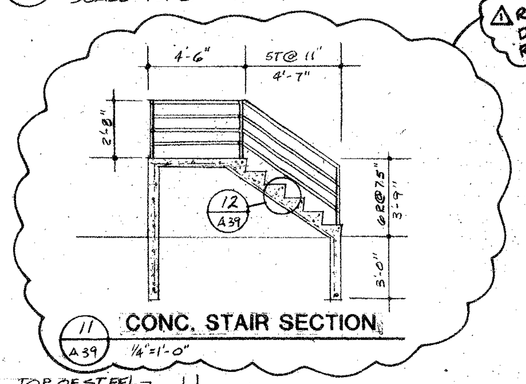
13 / A39 TREAD & RISER DETAIL
1½"=1'-0"

1 / A39 PIPE RAIL HAND RAIL
SCALE: 1"=1'-0"



10 / A39 STAIR SECTION
¼"=1'-0"
⚠ REFER TO DETAIL R/A-20, DRG. A59, FOR REVISED DETAIL

2 / A39 PIPE RAIL AT WALL DETAIL
SCALE: 1"=1'-0"

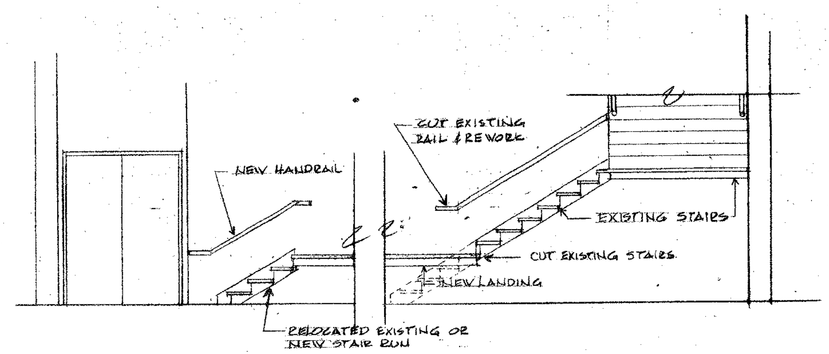


11 / A39 CONC. STAIR SECTION
1½"=1'-0"

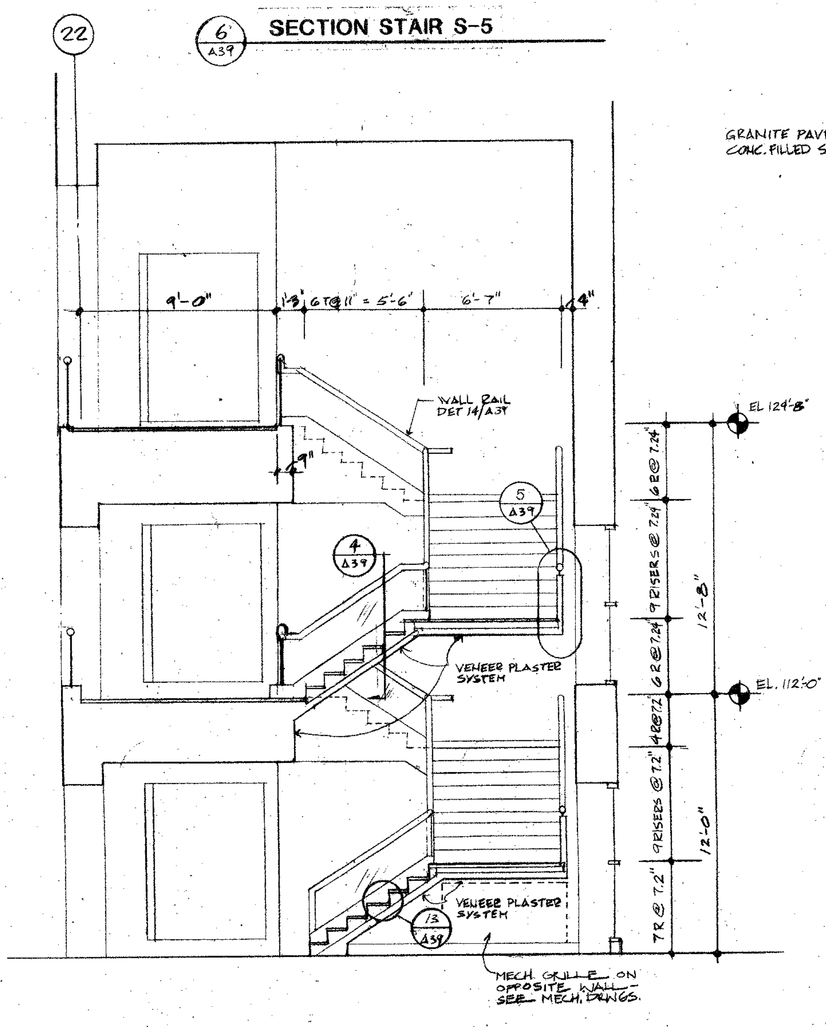
⚠ REFER TO DETAIL R/A-14, DRG. A49, FOR DETAIL REVISIONS

STEEL STAIR NOTE:

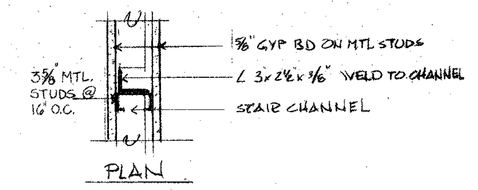
ALL HANGER RODS, CHANNELS, PIPE COLUMNS, AND OR ANGLES REQUIRED TO SUPPORT STEEL STAIRS SHALL BE FURNISHED, INSTALLED AND DESIGNED BY STAIR CONTRACTOR TO MEET LOADS AS REQUIRED BY CODE. ALL CONNECTIONS TO STRUCTURAL STEEL ARE TO BE BY STAIR CONTRACTOR. IF STAIR IS SUPPORTED FROM FLOOR SLAB. PROVIDE THICKENED SLAB AS REQUIRED BY LOADS. ALL STRUCTURAL SUPPORTS ARE TO BE CONCEALED WITHIN FINISH WALLS.

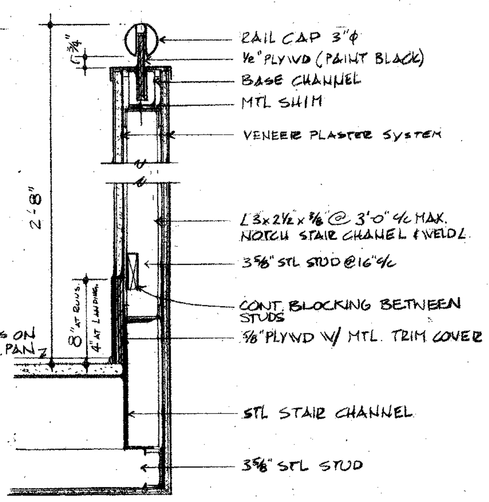


6 / A39 SECTION STAIR S-5

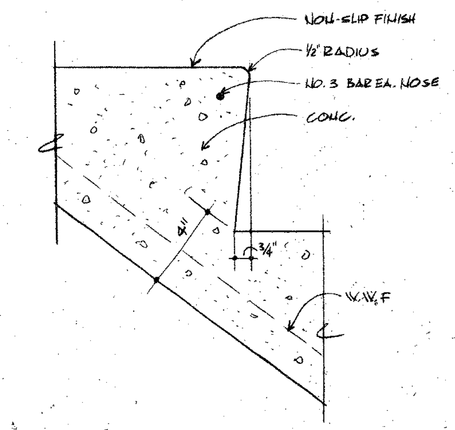


7 / A39 SECTION STAIR S-11
¼" = 1'-0"

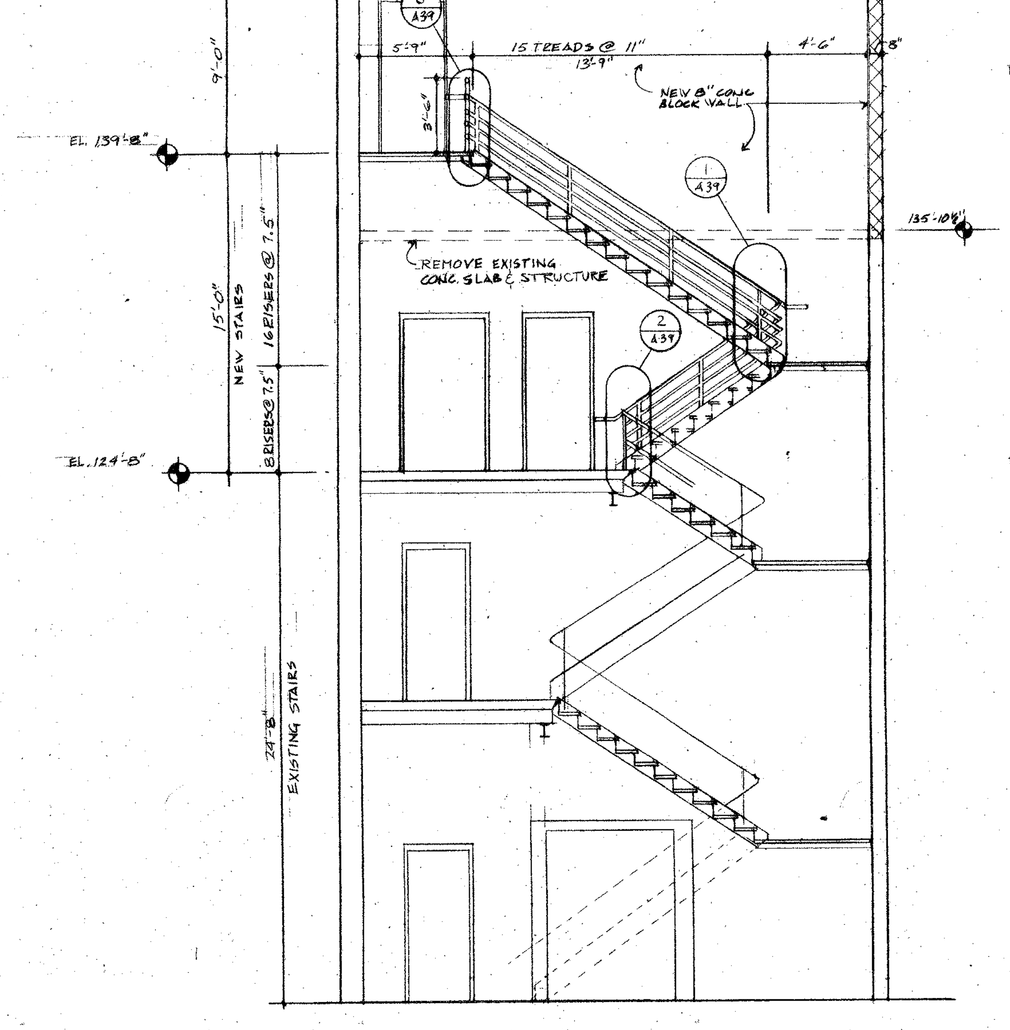




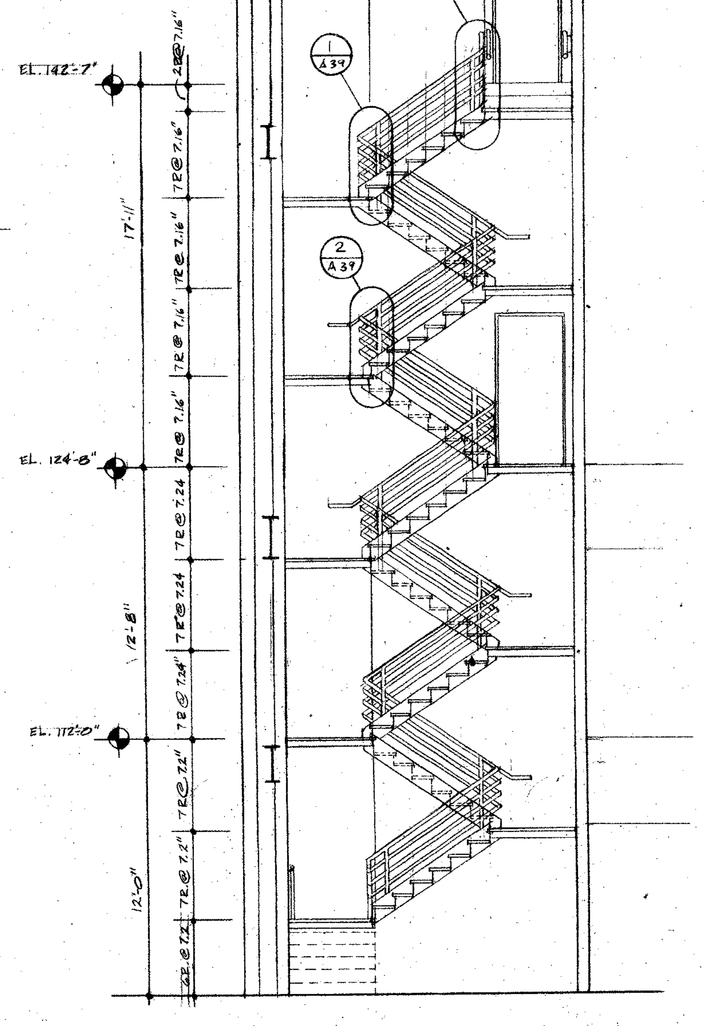
6 / A39 GYP. BOARD HAND RAIL DETAIL
SCALE: 1½"=1'-0"



CONC. STAIR DETAIL
3"=1'-0"



7 / A39 SECTION STAIR S-2
¼" = 1'-0"



8 / A39 SECTION STAIR S-6
¼" = 1'-0"

STATE OF OHIO
LEWIS - 12953
PORTER - 8055
REGISTERED ARCHITECTS

PRINTING
10-9-86

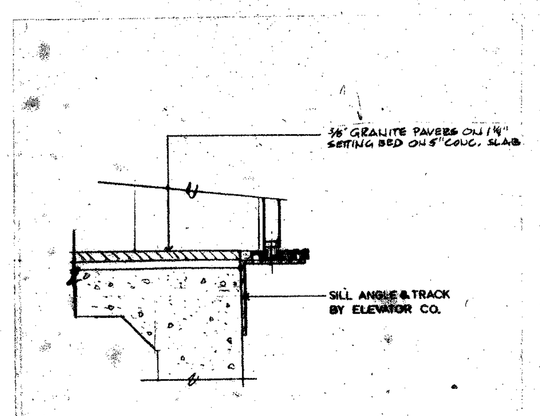
REVISIONS
⚠ 11-1-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

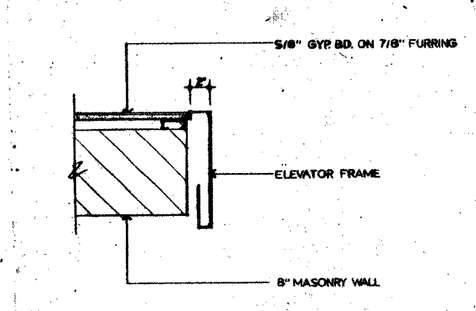
LEVIN · PORTER · ASSOCIATES, INC.
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224-1991

DATE JUNE 6, 1988
DRAWN BY
CHECKED BY
PROJECT NO. 87411.00

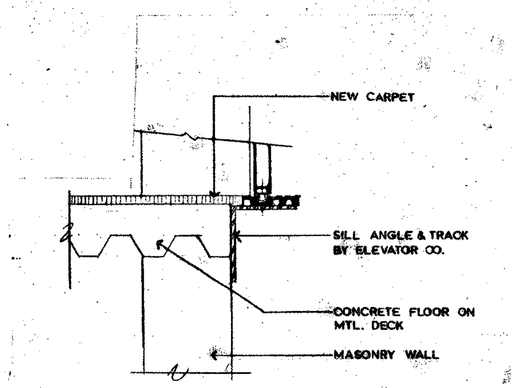
A 39



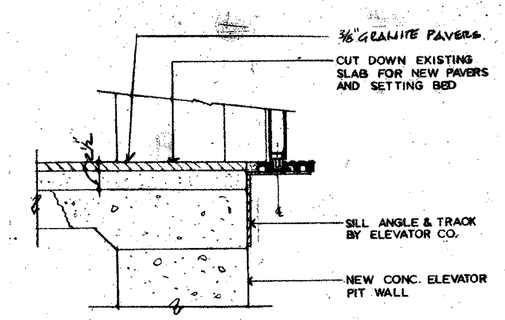
3 ELEVATOR SILL DETAIL
11/2" : 1'-0"



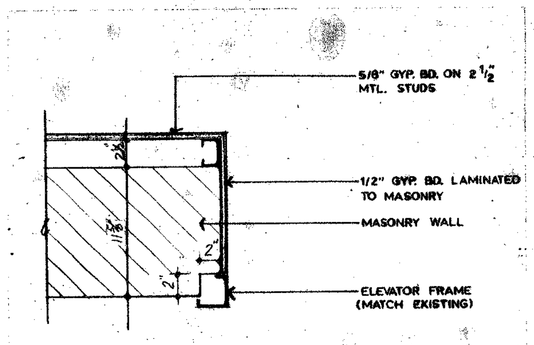
4 ELEVATOR JAMB DETAIL
11/2" : 1'-0"



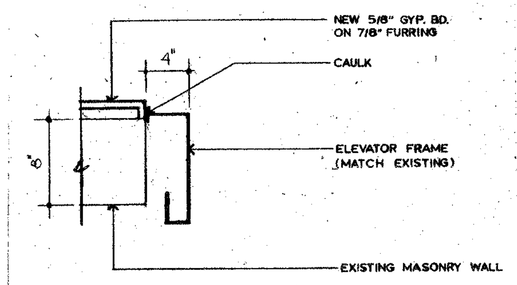
5 ELEVATOR SILL DETAIL
11/2" : 1'-0"



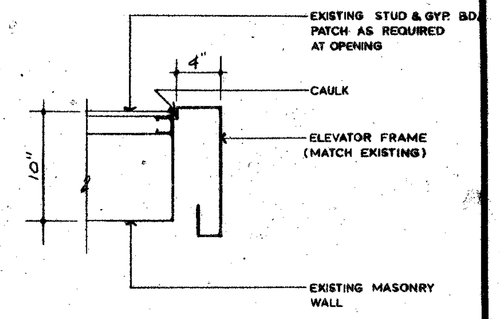
6 ELEVATOR SILL DETAIL
11/2" : 1'-0"



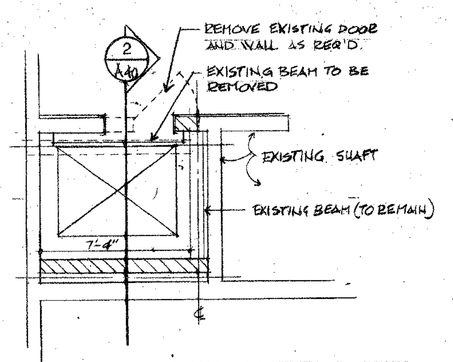
7 ELEVATOR JAMB DETAIL
11/2" : 1'-0"



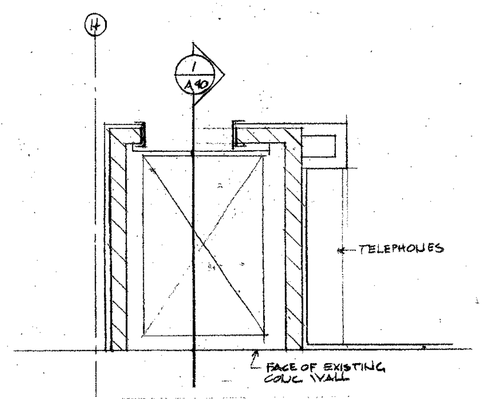
8 ELEVATOR JAMB DETAIL
11/2" : 1'-0"



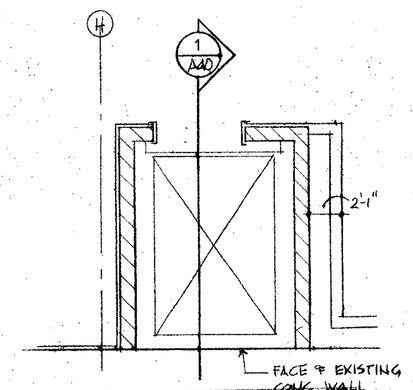
9 ELEVATOR JAMB DETAIL
11/2" : 1'-0"



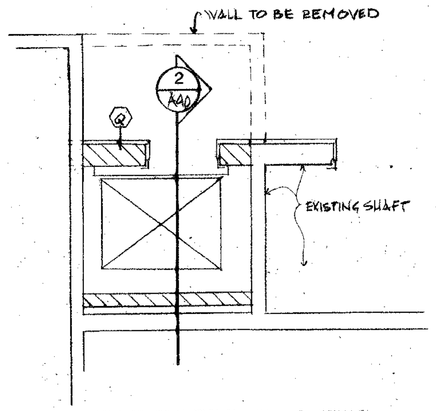
F A40 2ND & 3RD FLOOR PLAN
SCALE 1/4" : 1'-0"



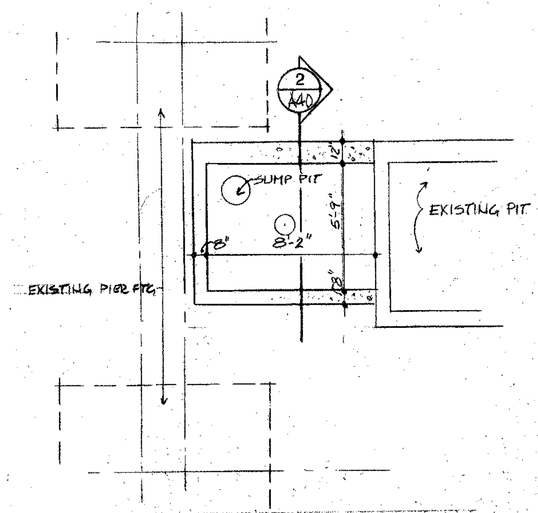
D A40 3RD FLOOR PLAN
SCALE 1/4" : 1'-0"



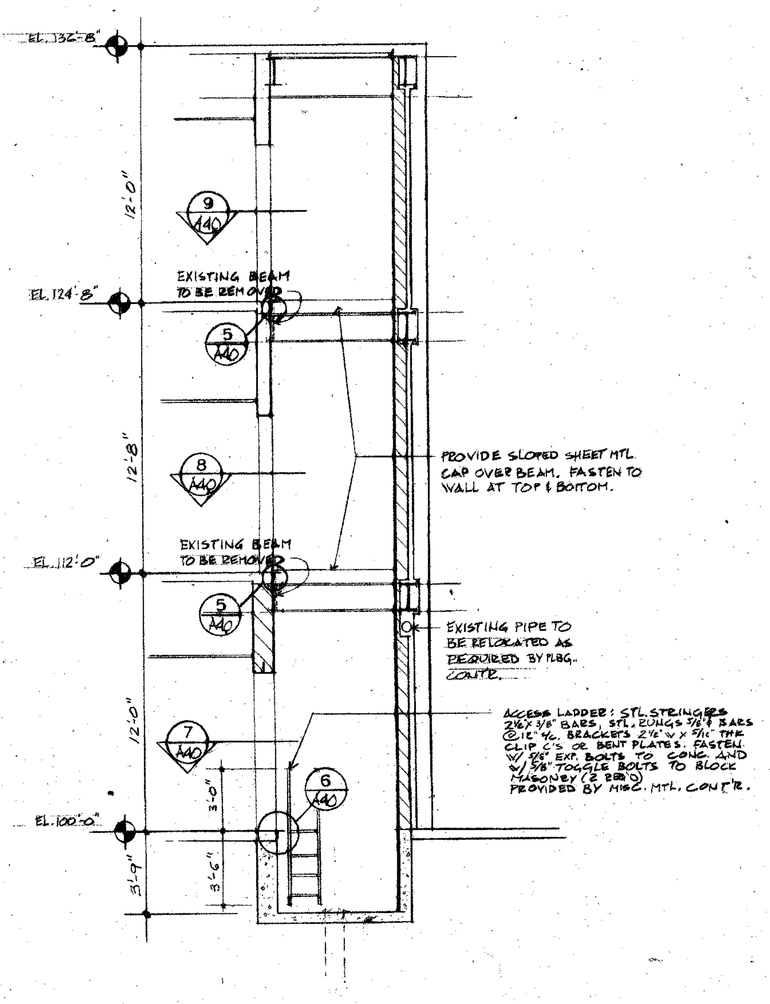
C A40 2ND FLOOR PLAN
SCALE 1/4" : 1'-0"



E A40 FIRST FLOOR PLAN
SCALE 1/4" : 1'-0"



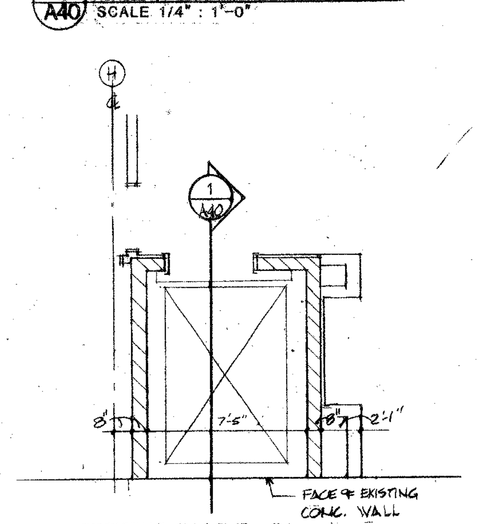
B A40 FOUNDATION PLAN
SCALE 1/4" : 1'-0"



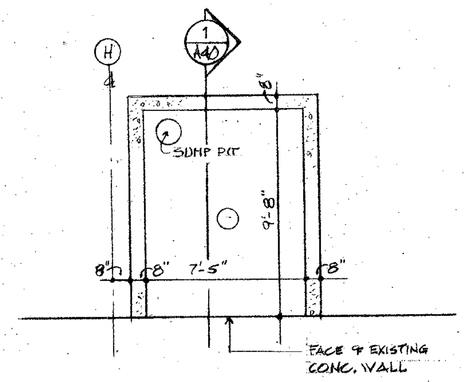
2 A40 SECTION
SCALE 1/4" : 1'-0"

ELEVATOR E-2

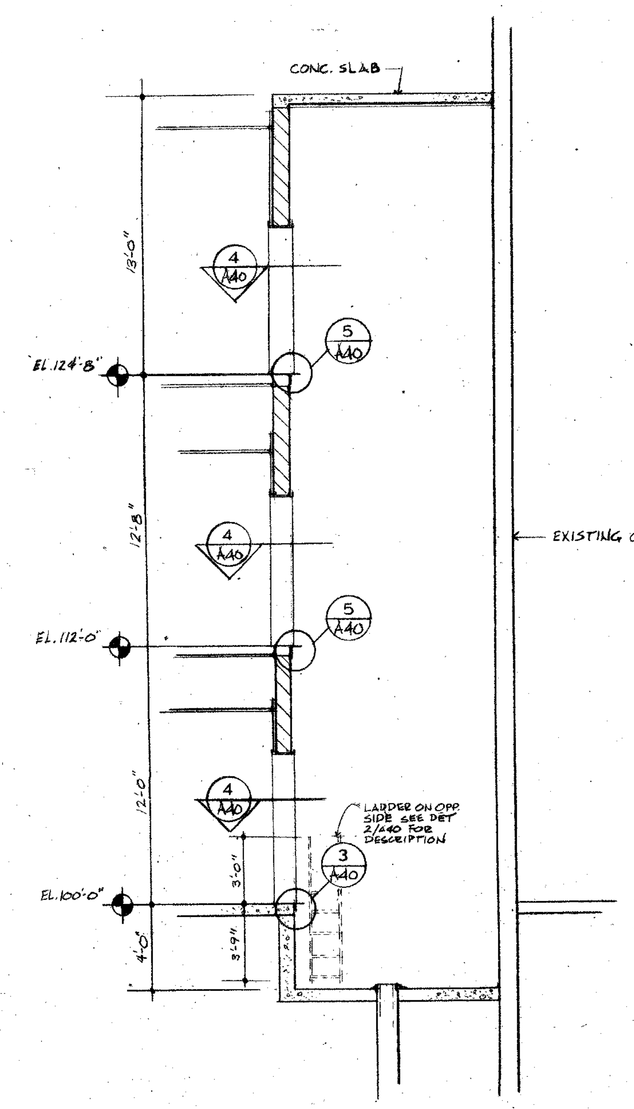
ALTERNATE NO. G-2



B A40 FIRST FLOOR PLAN
SCALE 1/4" : 1'-0"



A A40 FOUNDATION PLAN
SCALE 1/4" : 1'-0"



1 A40 SECTION
SCALE 1/4" : 1'-0"

ELEVATOR E-1

STATE OF OHIO
LEVIN · PORTER · ASSOCIATES · INC
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10·9·86

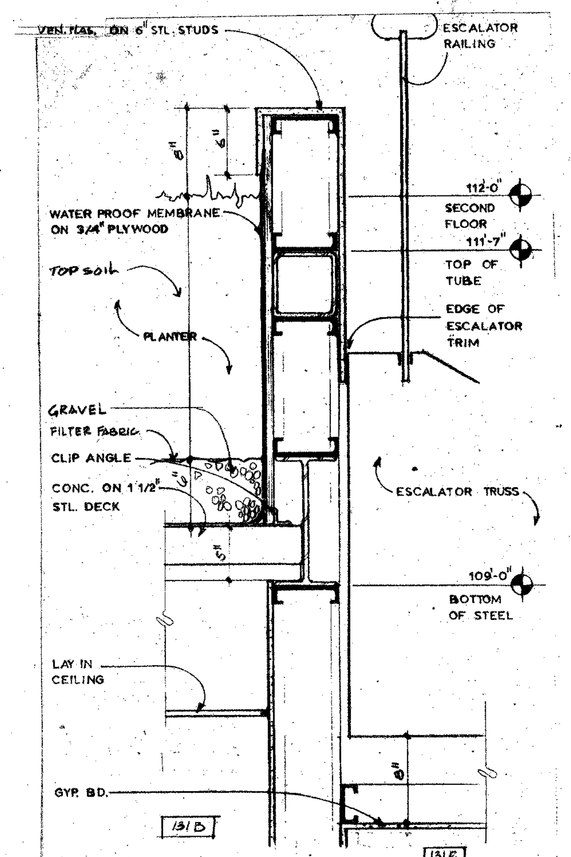
REVISIONS
△ NO RECORD DRG. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

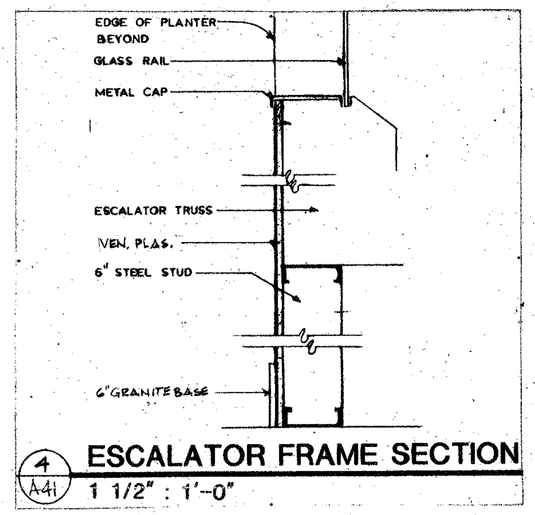
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/461-1910

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

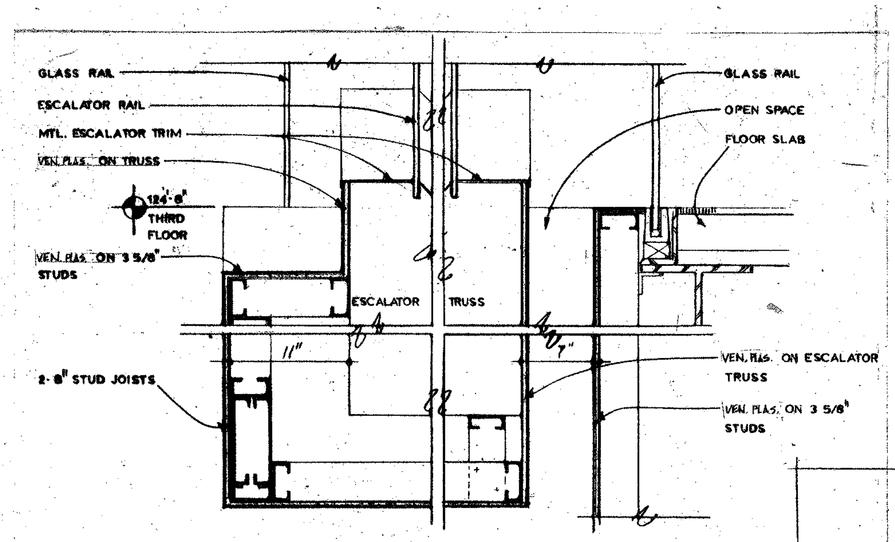
A 40



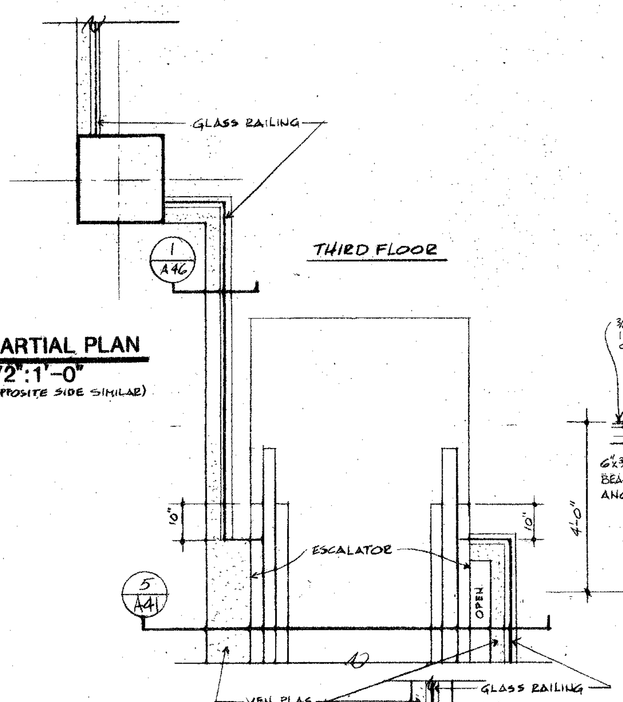
3 / A41 **ESCALATOR/PLANTER SECT**
1 1/2" : 1'-0"



4 / A41 **ESCALATOR FRAME SECTION**
1 1/2" : 1'-0"

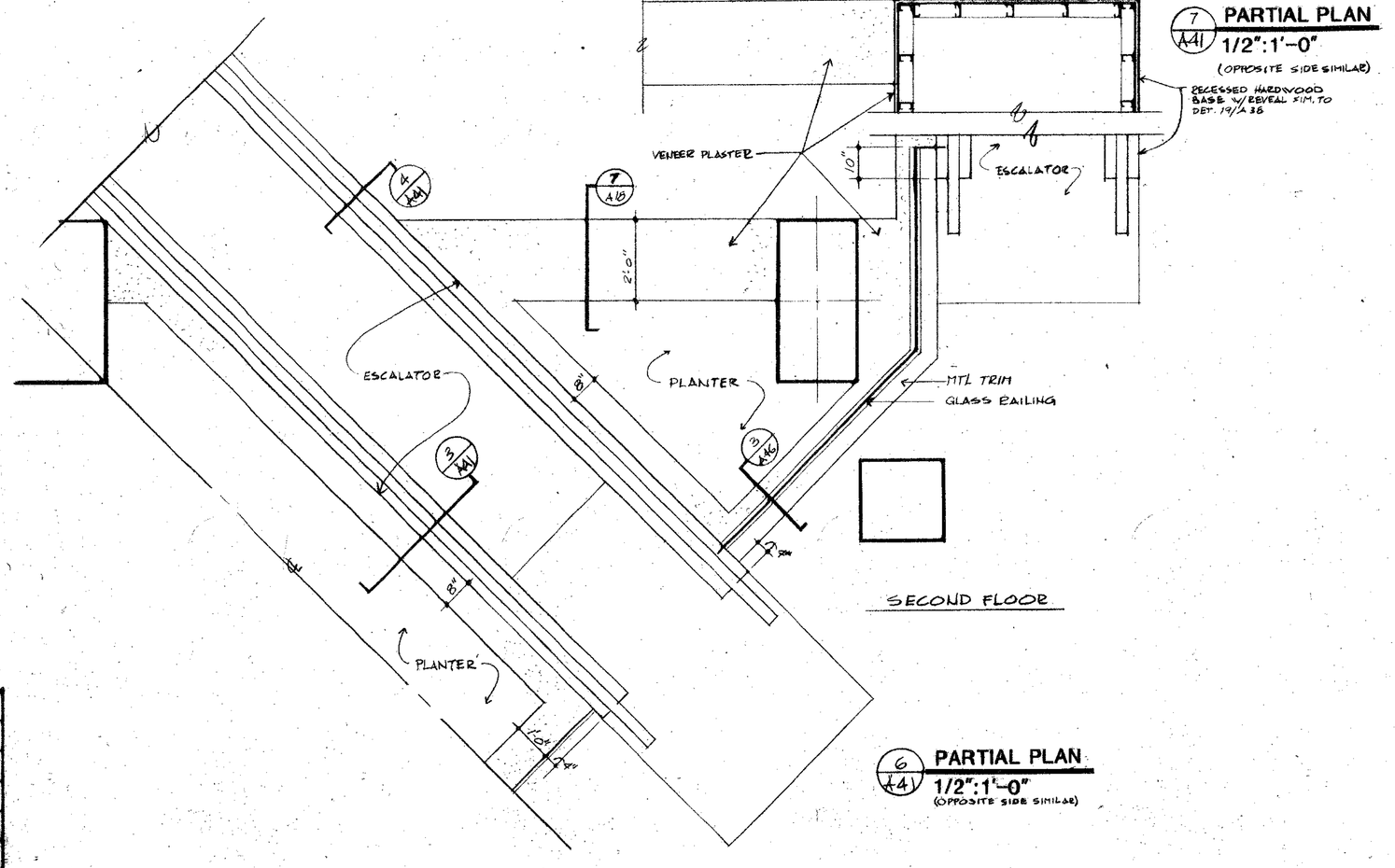


5 / A41 **ESCALATOR SECTION**
1 1/2" : 1'-0"

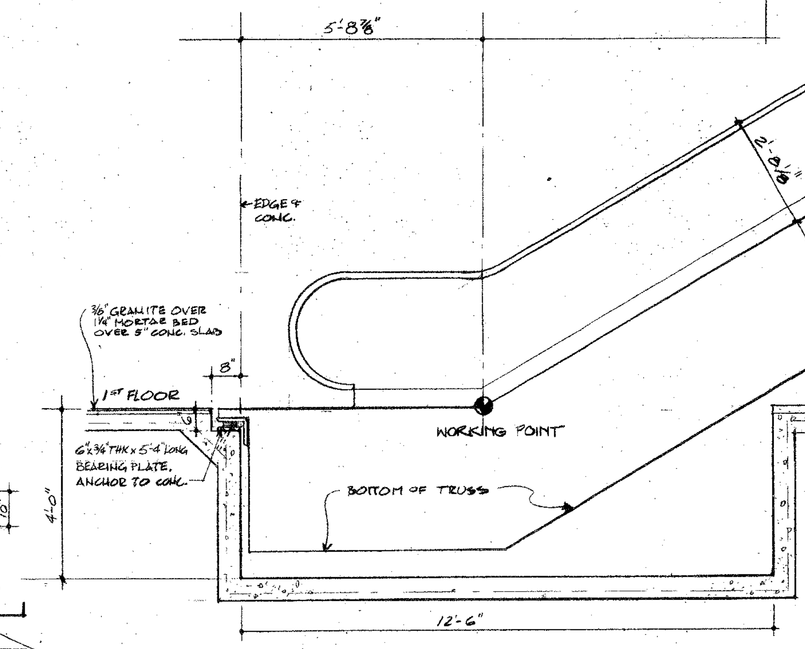


8 / A41 **PARTIAL PLAN**
1/2":1'-0"
(OPPOSITE SIDE SIMILAR)

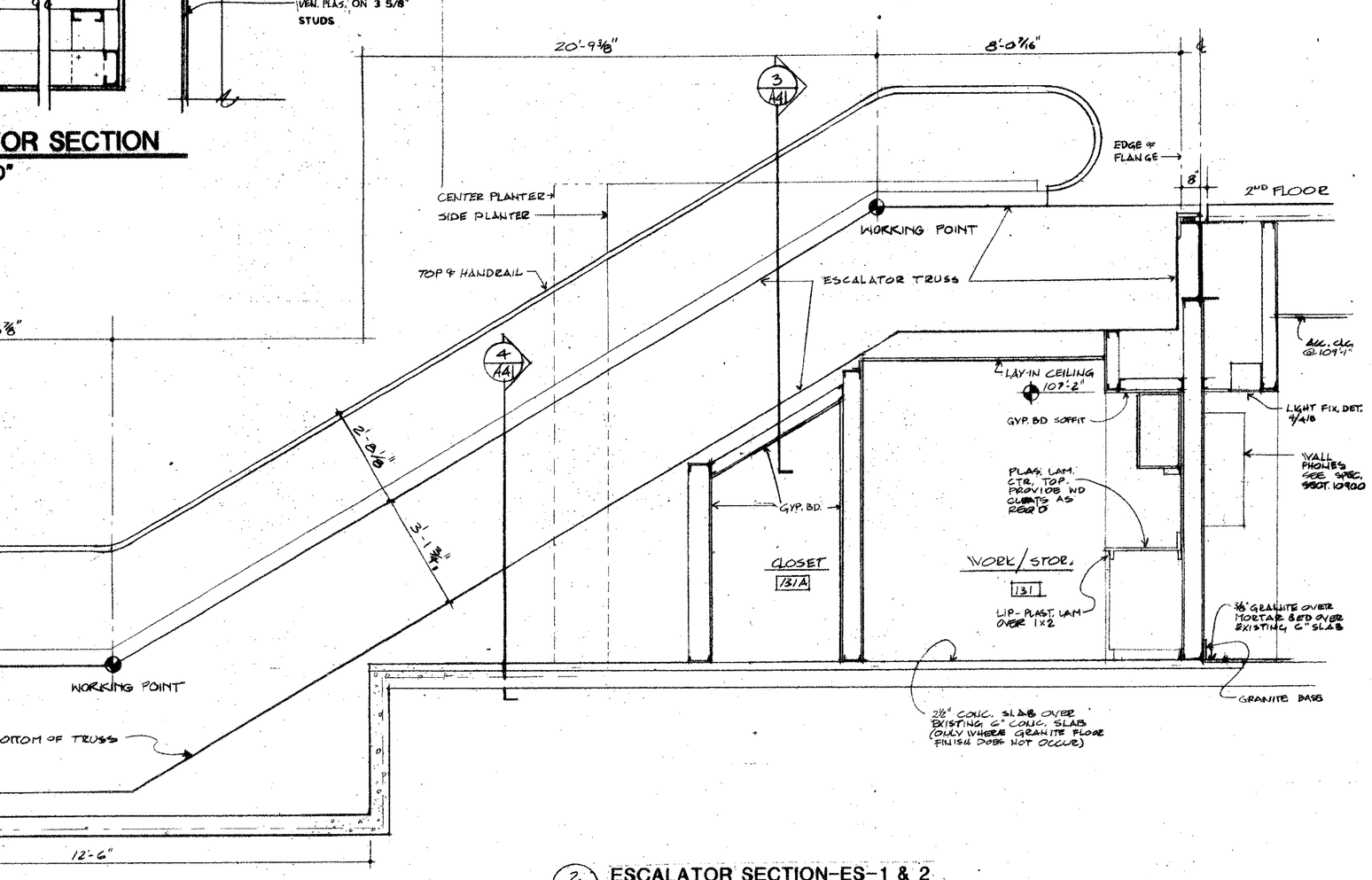
7 / A41 **PARTIAL PLAN**
1/2":1'-0"
(OPPOSITE SIDE SIMILAR)

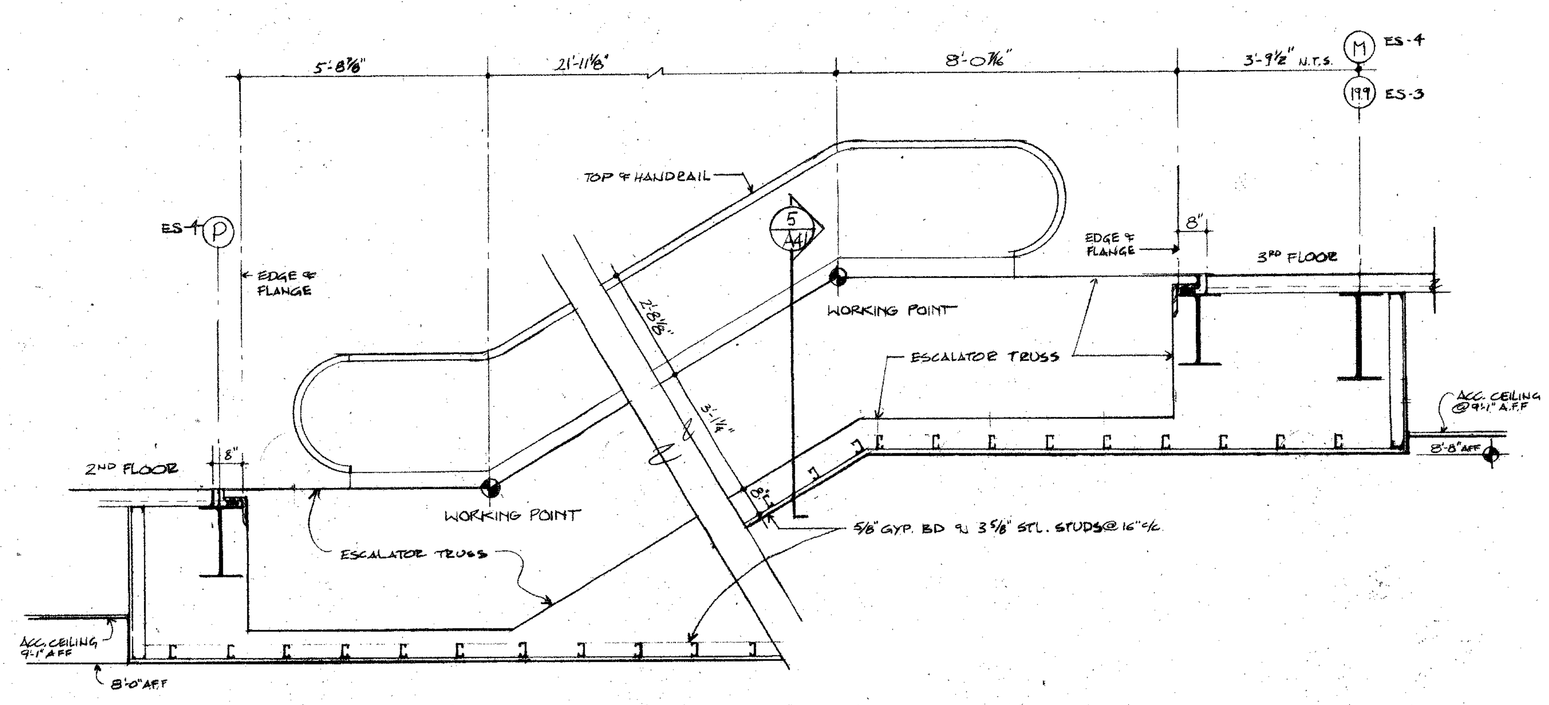


6 / A41 **PARTIAL PLAN**
1/2":1'-0"
(OPPOSITE SIDE SIMILAR)



2 / A41 **ESCALATOR SECTION-ES-1 & 2**
1/2" : 1'-0"





1 / A41 **ESCALATOR SECTION-ES-3 & 4**
1/2" : 1'-0"

STATE OF OHIO
LEVIN · 2353
PORTER · 3255
REGISTERED ARCHITECTS

PRINTING
6-9-86

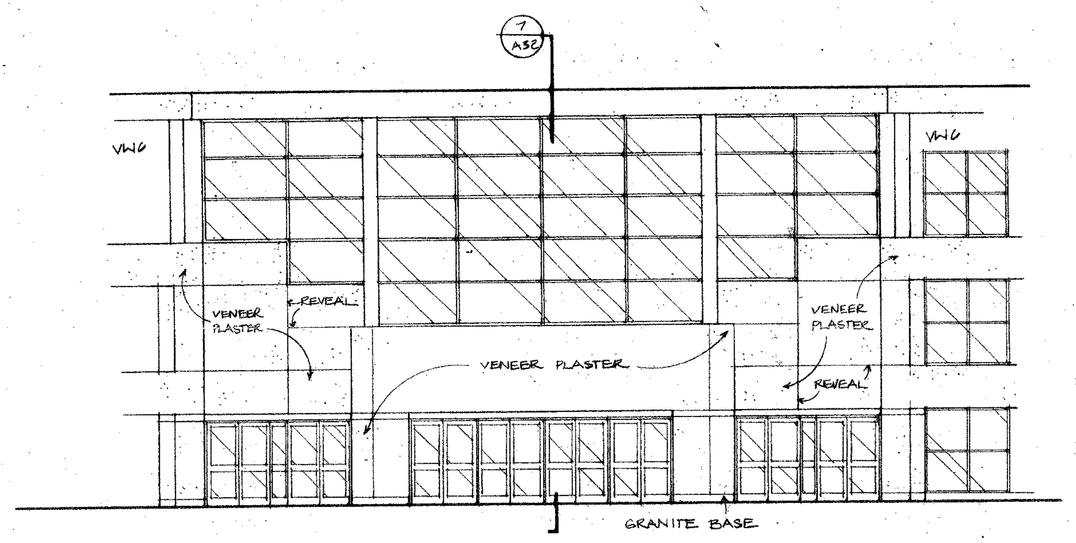
REVISIONS
△ NO RECORD DWG. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

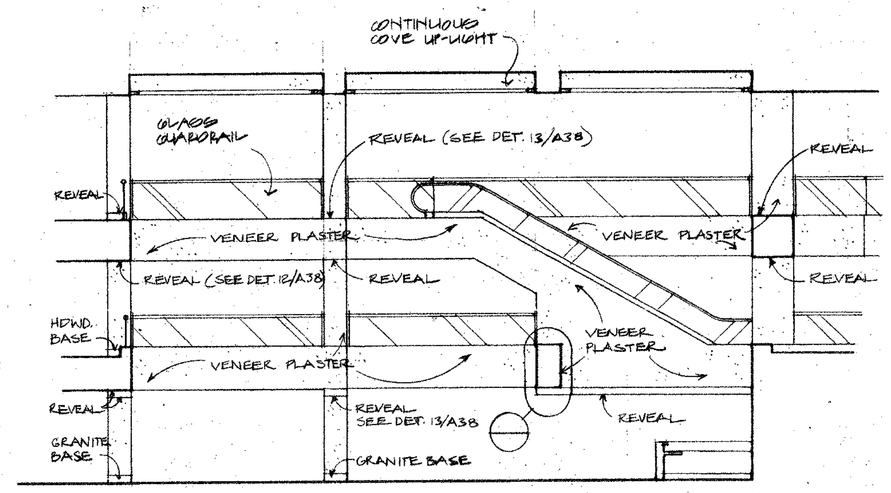
LEVIN · PORTER · ASSOCIATES · INC.
ARCHITECTURE PLANNING
26 North Jefferson Street
Dayton, Ohio 45402
513/224-9281

DATE JUNE 6,1986
DRAWN BY
CHECKED BY
PROJECT NO.
57411.00

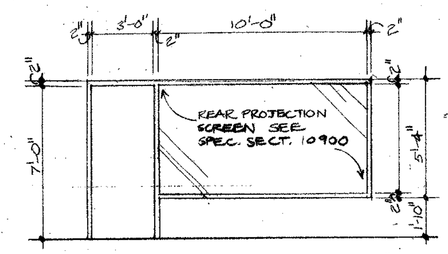
A 41



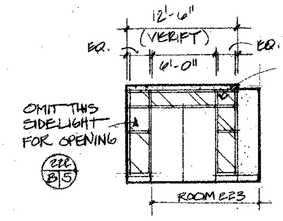
RM. 134
1 A42 ELEVATION
1/8" = 1'-0"



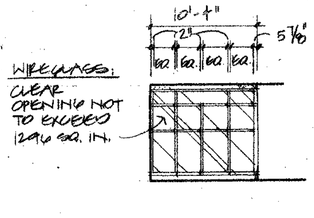
RM. 134
2 A42 ELEVATION
1/8" = 1'-0"



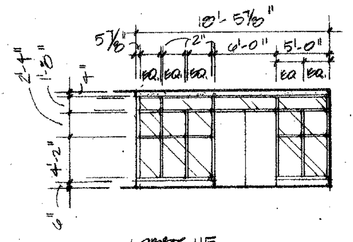
33 A42 ELEVATION
1/4" : 1'-0"
OF DOORS OPPOSITE. (VERIFY)



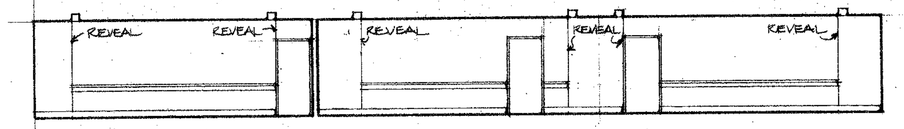
LOBBY 222
3 A42 ELEVATION
1/8" = 1'-0"



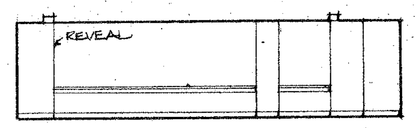
LOBBY 115
4 A42 ELEVATION
1/8" = 1'-0"



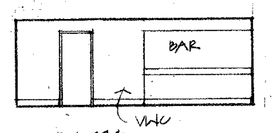
LOBBY 115
5 A42 ELEVATION
1/8" = 1'-0"



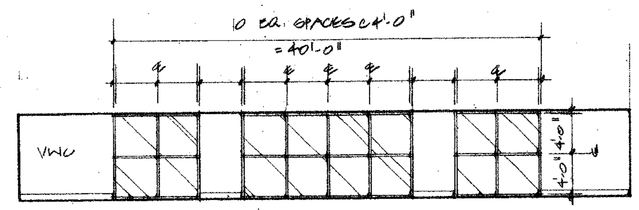
RMS. 203, 204 & 205
6 A42 ELEVATION
1/8" = 1'-0"



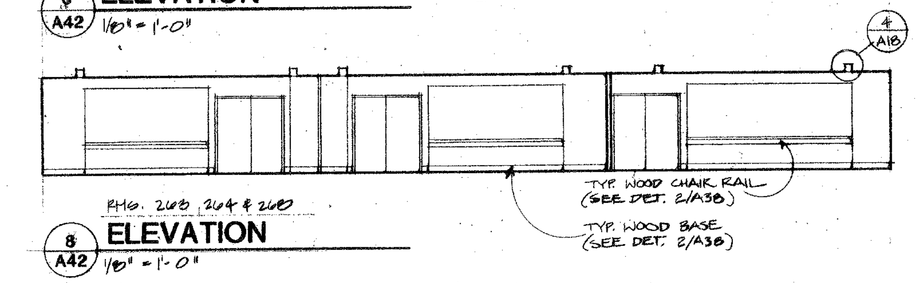
RM. 269
7 A42 ELEVATION
1/8" = 1'-0"



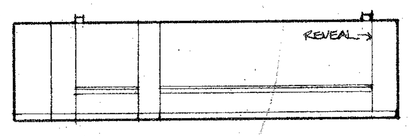
RM. 334
11 A42 ELEVATION
1/8" = 1'-0"



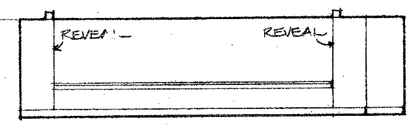
RM. 334 (VIP LOUNGE)
12 A42 ELEVATION
1/8" = 1'-0"



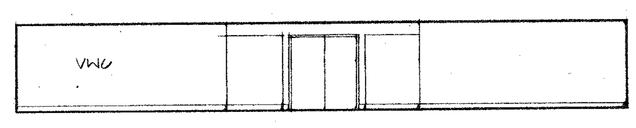
RMS. 203, 204 & 205
8 A42 ELEVATION
1/8" = 1'-0"



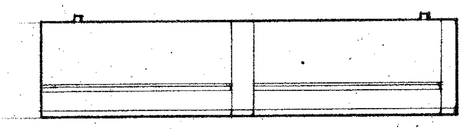
RM. 269
9 A42 ELEVATION
1/8" = 1'-0"



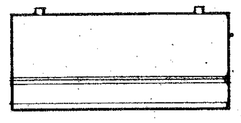
RM. 208
10 A42 ELEVATION
1/8" = 1'-0"



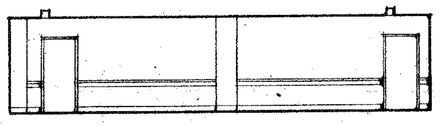
RM. 334 (VIP LOUNGE)
13 A42 ELEVATION
1/8" = 1'-0"



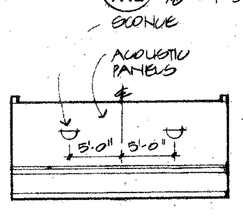
RM. 272
14 A42 ELEVATION
1/8" = 1'-0"



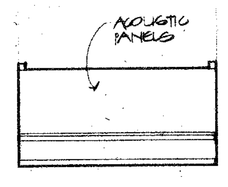
RM. 272
15 A42 ELEVATION
1/8" = 1'-0"



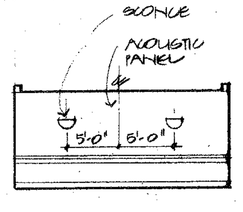
RM. 272
16 A42 ELEVATION
1/8" = 1'-0"



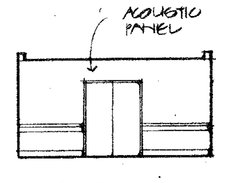
RM. 273
17 A42 ELEVATION
1/8" = 1'-0"



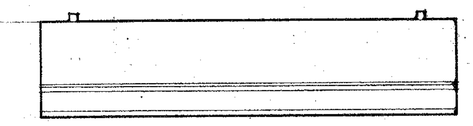
RM. 273
18 A42 ELEVATION
1/8" = 1'-0"



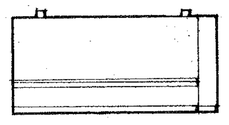
RM. 273
19 A42 ELEVATION
1/8" = 1'-0"



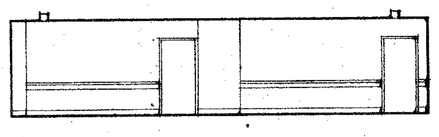
RM. 273
20 A42 ELEVATION
1/8" = 1'-0"



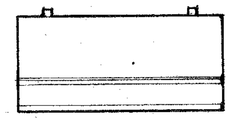
RM. 270
21 A42 ELEVATION
1/8" = 1'-0"



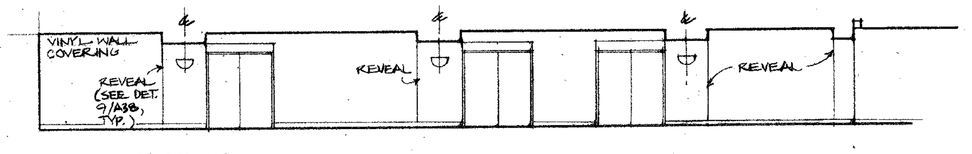
RM. 270
22 A42 ELEVATION
1/8" = 1'-0"



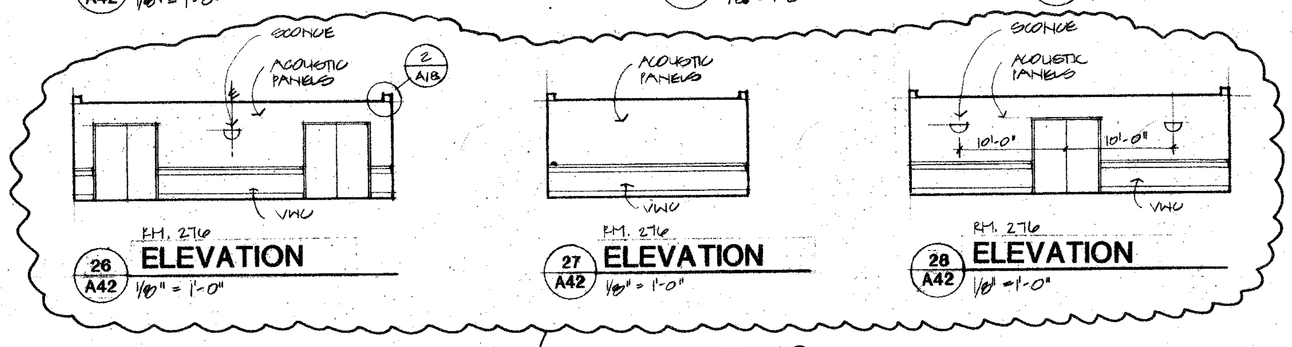
RM. 270
23 A42 ELEVATION
1/8" = 1'-0"



RM. 270
24 A42 ELEVATION
1/8" = 1'-0"



CORRIDOR 271
25 A42 ELEVATION
1/8" = 1'-0"

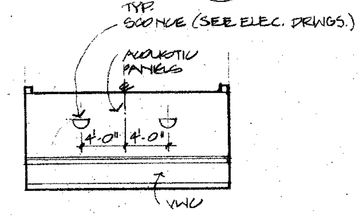


RM. 276
26 A42 ELEVATION
1/8" = 1'-0"

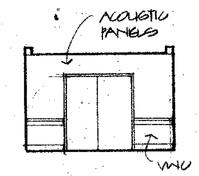
RM. 276
27 A42 ELEVATION
1/8" = 1'-0"

RM. 276
28 A42 ELEVATION
1/8" = 1'-0"

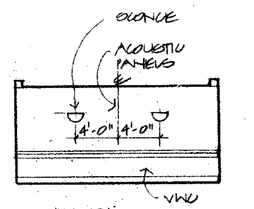
⚠ REFER TO DETAIL R/A-6R, DWG. A48, FOR REVISED ELEVATIONS



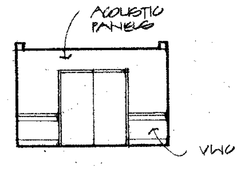
RM. 274
29 A42 ELEVATION
1/8" = 1'-0"



RM. 274
30 A42 ELEVATION
1/8" = 1'-0"



RM. 274
31 A42 ELEVATION
1/8" = 1'-0"



RM. 274
32 A42 ELEVATION
1/8" = 1'-0"

NOTES:
1) ALL WALL FINISHES ARE VINYL WALL COVERING (VWC) (UNLESS NOTED OTHERWISE.)
2) ALL SOFFITS ARE GYP. BD.

STATE OF OHIO
LEVIN PORTER ASSOCIATES
REGISTERED ARCHITECT

PRINTING
6.9.86

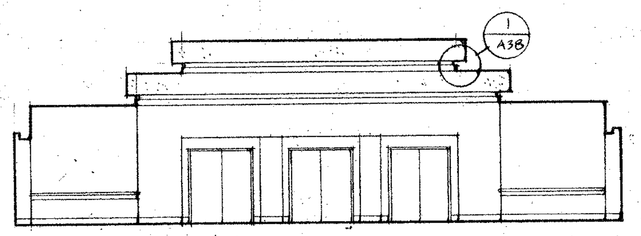
REVISIONS
⚠ 11-1-86 REVISED ORG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

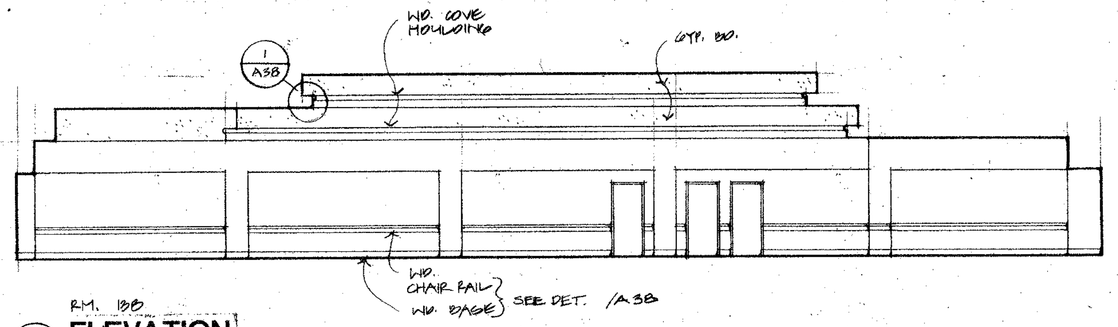
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
(513) 461-1971

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO.
57411.00

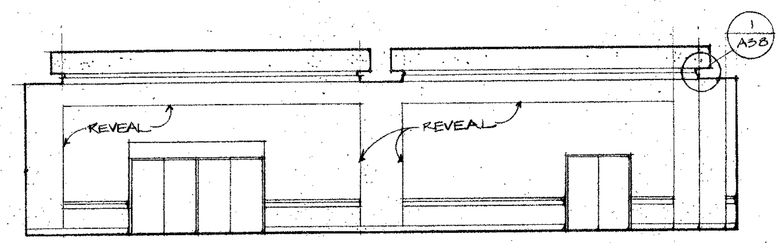
A 42



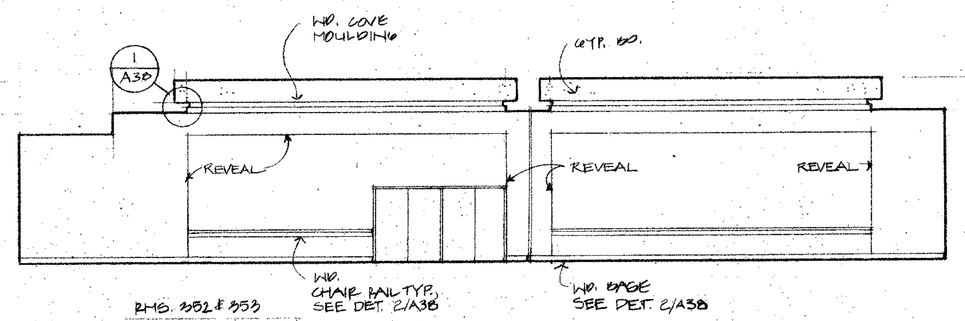
RM. 130
1 A43 ELEVATION
1/8" = 1'-0"



RM. 130
2 A43 ELEVATION
1/8" = 1'-0"

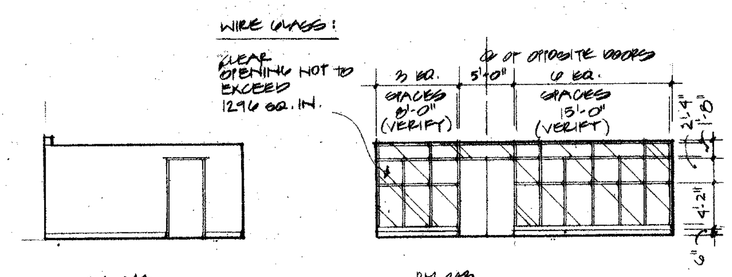


RM. 353
3 A43 ELEVATION
1/8" = 1'-0"



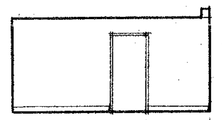
RMS. 352 & 353
4 A43 ELEVATION
1/8" = 1'-0"

WIRE GLASS:
CLEAR OPENING NOT TO EXCEED 1296 SQ. IN.

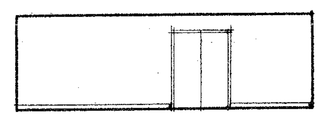


RM. 243
5 A43 ELEVATION
1/8" = 1'-0"

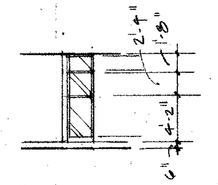
RM. 243
6 A43 ELEVATION
1/8" = 1'-0"



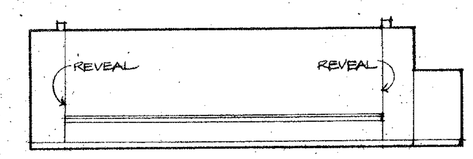
RM. 243
7 A43 ELEVATION
1/8" = 1'-0"



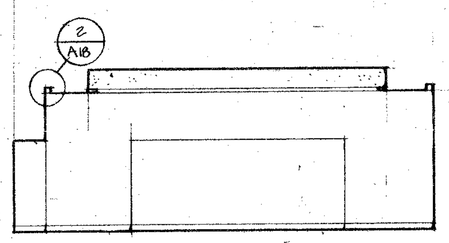
RM. 243
8 A43 ELEVATION
1/8" = 1'-0"



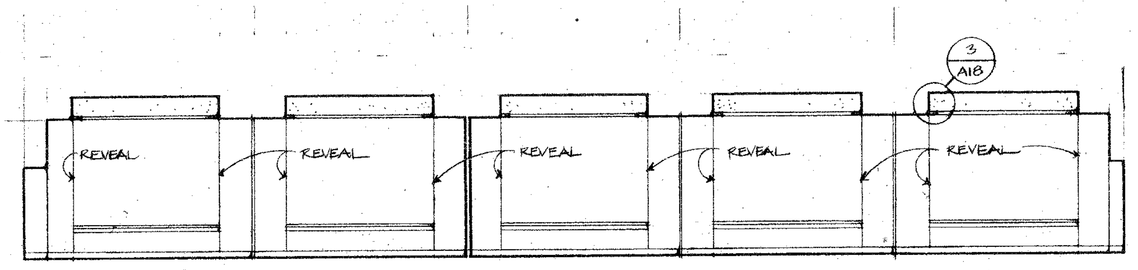
RM. 246
9 A43 ELEVATION
1/8" = 1'-0"



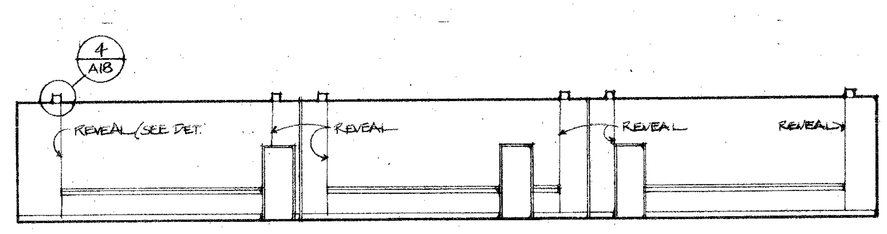
RM. 345
10 A43 ELEVATION
1/8" = 1'-0"



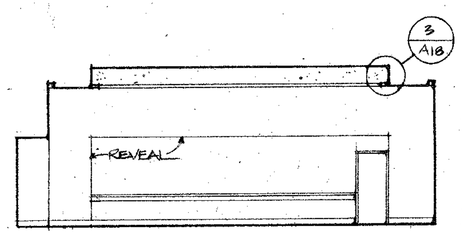
RM. 312
11 A43 ELEVATION
1/8" = 1'-0"



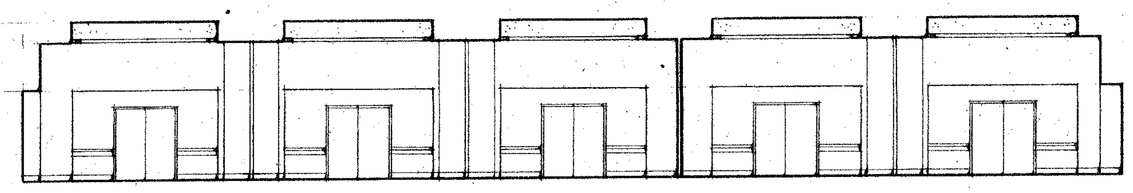
RMS. 312 - 316
12 A43 ELEVATION
1/8" = 1'-0"



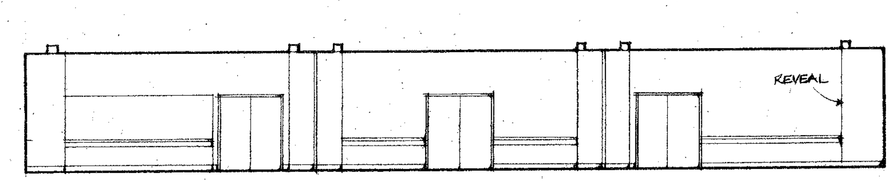
RMS. 345, 346 & 347
13 A43 ELEVATION
1/8" = 1'-0"



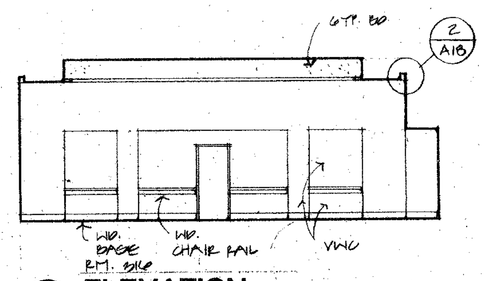
RM. 314
14 A43 ELEVATION
1/8" = 1'-0"



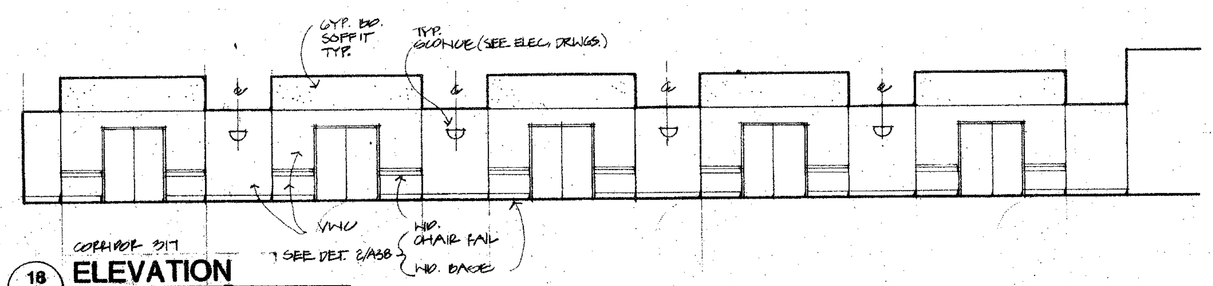
RMS. 312 - 316
15 A43 ELEVATION
1/8" = 1'-0"



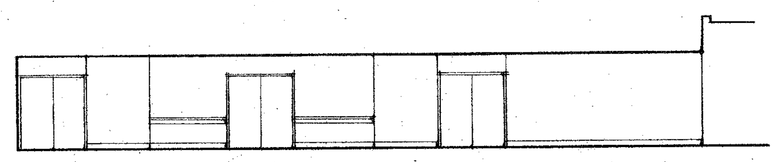
RMS. 345, 346 & 347
16 A43 ELEVATION
1/8" = 1'-0"



RM. 316
17 A43 ELEVATION
1/8" = 1'-0"



CORRIDOR 317
18 A43 ELEVATION
1/8" = 1'-0"



CORRIDOR 353
19 A43 ELEVATION
1/8" = 1'-0"

NOTES:
1.) ALL WALL FINISHES ARE VINYL WALL COVERING (VNC) (UNLESS NOTED OTHERWISE)
2.) ALL SOFFITS ARE GYP. BD.

STATE OF OHIO
LEVIN 2353
PORTER 2365
REGISTERED ARCHITECTS

PRINTING
10-9-86

REVISIONS
△ NO RECORD DRG. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES, INC.
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1921

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

A 43

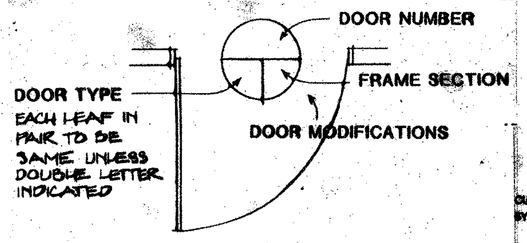
DOOR TYPES

MK. MARK	SIZE	TYPE	RATING	REMARKS
A	3'-0" x 7'-0" x 1-3/4	FSCW	-	
B	3'-0" x 7'-0" x 1-3/4	FSCW	20 minute	
C	3'-0" x 7'-0" x 1-3/4	FSCW	90 minute	
D	3'-0" x 7'-0" x 1-3/4	FHM	-	
E	3'-0" x 7'-0" x 1-3/4	FHM	90 minute	
F	3'-0" x 7'-0" x 1-3/4	FHM	20 minute	
G	3'-0" x 8'-0" x 1-3/4 PRS.	ALUM	-	
H	2'-6" x 8'-0" x 1-3/4	FHM	-	
I	3'-0" x 8'-0" x 1-3/4	FHM	-	
J	2'-6" x 7'-0" x 1-3/4	FSCW	-	
K	4'-0" x 8'-0" x 1-3/4	FHM	-	
L	2'-6" x 7'-0" x 1-3/4	FSCW	20 minute	
M	2'-6" x 7'-0" x 1-3/4	FSCW	90 minute	
N	3'-6" x 7'-0" x 1-3/4	FSCW	90 minute	
O	3'-6" x 7'-0" x 1-3/4	FSCW	20 minute	
P	2'-0" x 7'-0" x 1-3/4	FSCW	-	
Q	4'-0" x 8'-0" x 1-3/4	FHM	90 minute	
R	3'-0" x 8'-0" x 1-3/4	FHM	90 minute	
S	4'-0" x 8'-0" x 1-3/4	FHM	20 minute	
T	3'-0" x 8'-0" x 1-3/4	FHM	20 minute	
U	2'-6" x 7'-0" x 1-3/4	FHM	20 minute	
V	3'-6" x 8'-0" x 1-3/4	FHM	90 minute	
W	3'-0" x 6'-0" x 1-3/4	FHM	-	

SPECIAL DOORS

MARK	SIZE	TYPE	RATING	REMARKS
1	4'-0" x 3'-8"	RCD	-	
2	20'-0" x 9'-1"	ROG	-	
3	10'-0" x 3'-8"	RCD	-	
4	16'-0" x 18'-0"	ROD	-	
5	4'-0" x 3'-8"	FIXED GLASS IN H.M. FRAME (SEE DET. 5+6/A19)		
6	16'-0" x 16'-8"	ROD	90 minute	
7	16'-0" x 8'-0"	RCD	-	
8	16'-0" x 16'-4 1/2"	ROD	-	Exterior Insulated
9	8'-0" x 10'-0"	ROD	-	Exterior Insulated
10	15'-0" x 20'-0"	ROD	45 minute	
11	12'-0" x 18'-0"	ROD	-	
12	36'-6" x 9'-0"	AOW	-	STC
13	11'-5" x 8'-0"	FFD	45 minute	
14	42'-0" x 13'-0"	AOW	-	STC
15	12'-5" x 8'-0"	FFD	45 minute	
16	5'-0" x 4'-2"	RCD	-	
17	40'-0" x 11'-0"	AOW	-	STC
18	6'-0" x 4'-2"	RCD	-	
19	68'-0" x 14'-0"	AOW	-	STC
20	14'-8" x 8'-0"	FFD	45 minute	
21	14'-6" x 16'-0"	ROD	90 minute	
22	9'-0" x 8'-0"	ROG	-	
23	14'-6" x 4'-0"	RCD	-	
24	38'-0" x 16'-9"	AOW	-	STC
25	40'-0" x 16'-9"	AOW	-	STC
26	2'-6" x *	POD	-	
	2'-8" x *			
	0'-6" x *			
27	2'-6" x 14'-0"	POD	-	
28	1'-10" x 8'-0"	POD	-	
29	1'-10" x 8'-6"	POD	-	
30	18'-0" x 16'-9"	AOW	-	STC
31	200'-0" x 22'-0"	AOW	-	STC

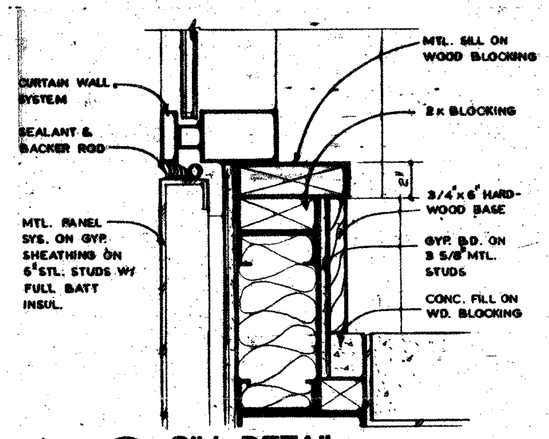
* SEE REFLECTED CEILING PLANS FOR HEIGHT



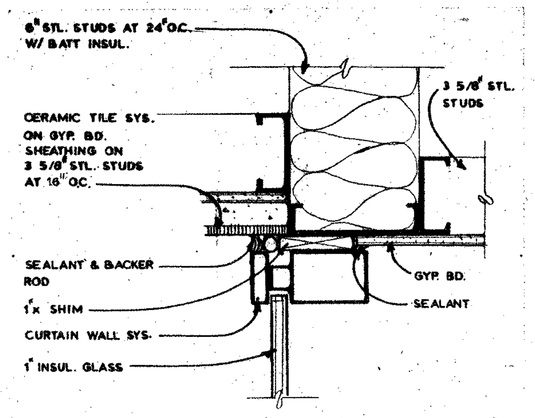
A/A44 **DOOR SYMBOL**

ABBREVIATIONS

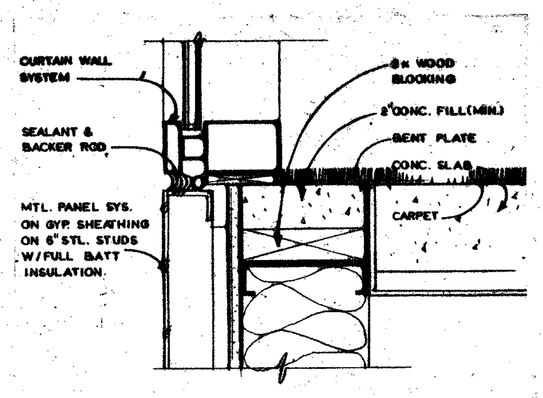
FSCW - Flush Solid Core Wood
FHM - Flush Hollow Metal
ALUM - Aluminum
PR - Pair
STC - Specified Sound Rating Required
FFD - Folding Fire Door
ROD - Rolling Overhead Door
AOW - Acoustical Operable Wall
RCD - Rolling Counter Door
ROG - Rolling Overhead Grille



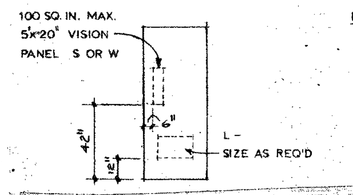
27/A44 **SILL DETAIL**
3" : 1'-0"



28/A44 **HEAD DETAIL**
3" : 1'-0"

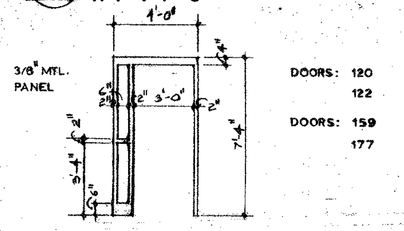


29/A44 **SILL DETAIL**
3" : 1'-0"

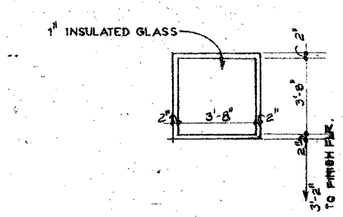


DOOR MODIFICATIONS:
S = SAFETY GLASS
W = WIRE GLASS
L = LOUVER
U= UNDERCUT DOOR 1"

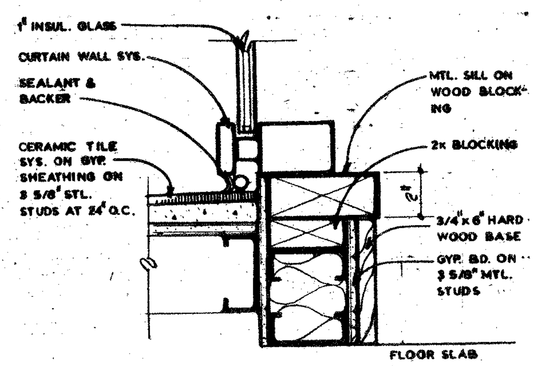
B/A44 **TYP. DOOR ELEVATION**
1/4" : 1'-0"



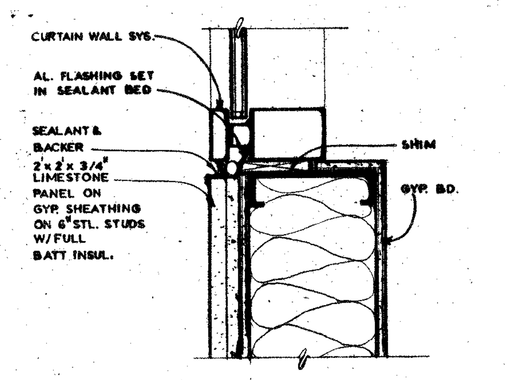
C/A44 **FRAME ELEVATION**
1/4" : 1'-0"



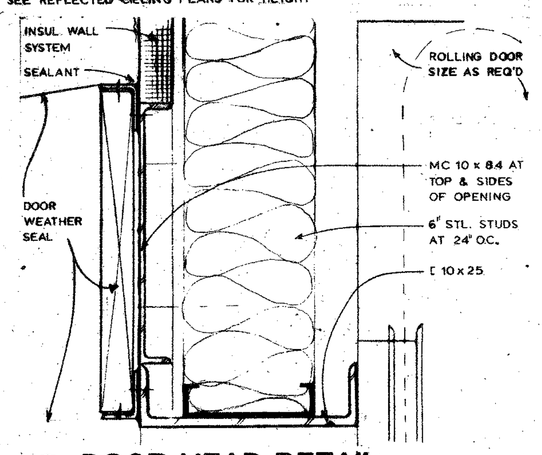
D/A44 **TYP. BORROWED LITE FR.**
1/4" : 1'-0"



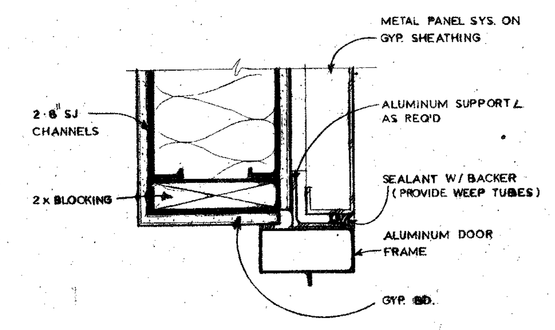
30/A44 **SILL DETAIL**
3" : 1'-0"



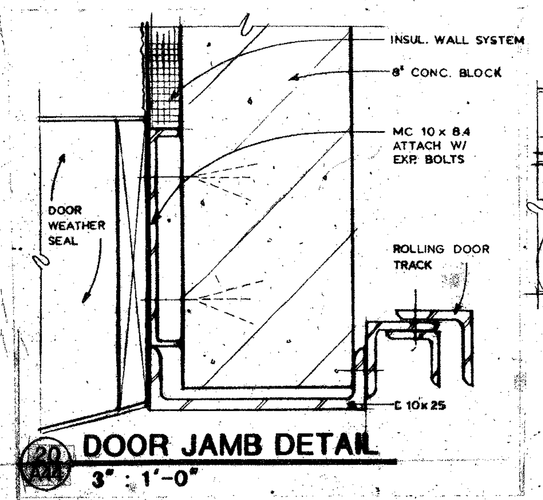
31/A44 **SILL (JAMB DET. SIM.)**
3" : 1'-0"



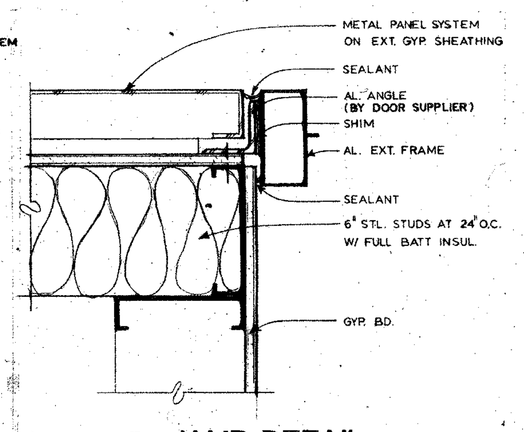
20/A44 **DOOR HEAD DETAIL**
3" : 1'-0"



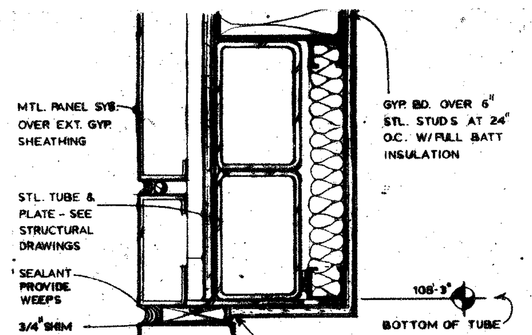
21/A44 **DOOR HEAD DETAIL**
3" : 1'-0"



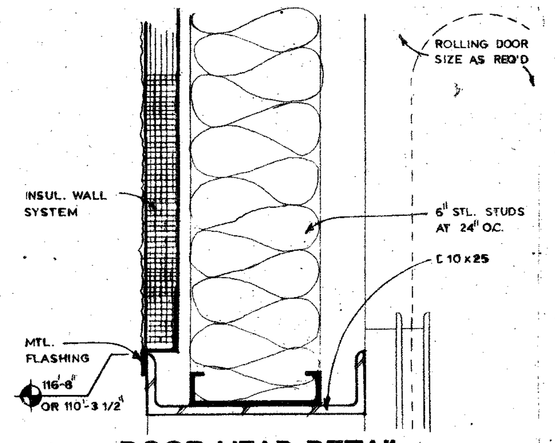
20/A44 **DOOR JAMB DETAIL**
3" : 1'-0"



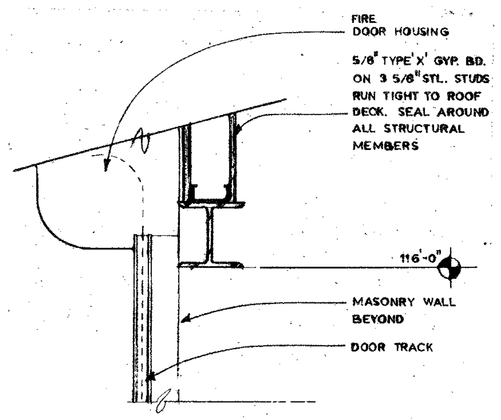
21/A44 **JAMB DETAIL**
3" : 1'-0"



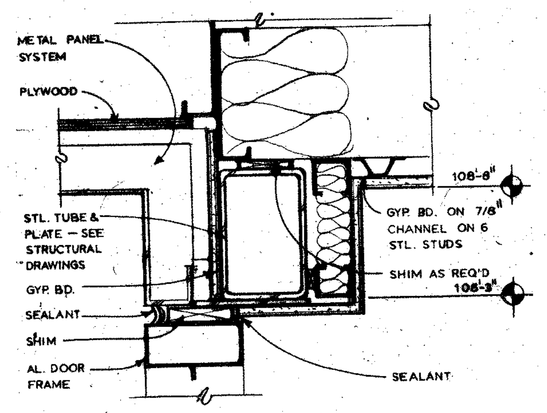
22/A44 **AL. EXT. DOOR HEAD**
3" : 1'-0"



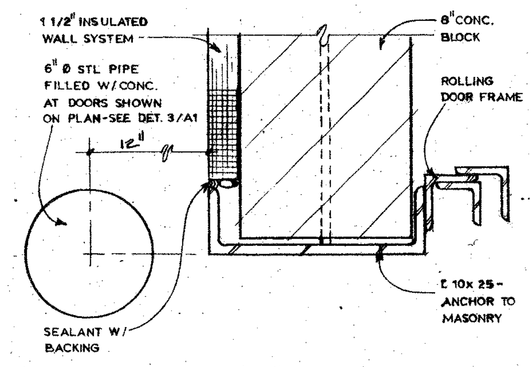
24/A44 **DOOR HEAD DETAIL**
3" : 1'-0"



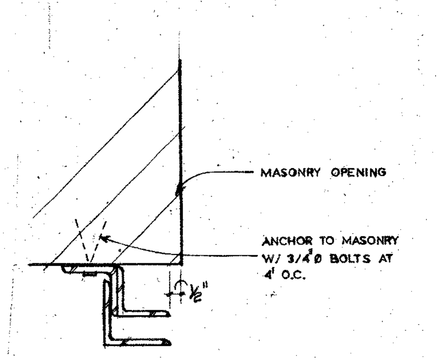
25/A44 **HEAD SECTION**
1 1/2" : 1'-0"



23/A44 **AL. EXT. DOOR HEAD**
3" : 1'-0"



24/A44 **DOOR JAMB DETAIL**
3" : 1'-0"



26/A44 **DOOR JAMB**
3" : 1'-0"

STATE OF OHIO
LEVIN - 2359
PORTER - 3385
REGISTERED ARCHITECTS

PRINTING
6-9-86

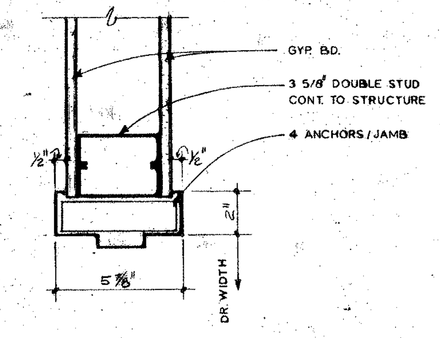
REVISIONS
△ NO RECORD DRG. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

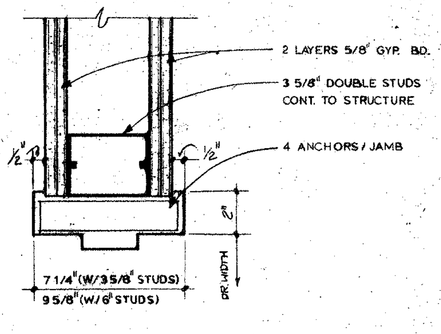
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1691

DATE JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

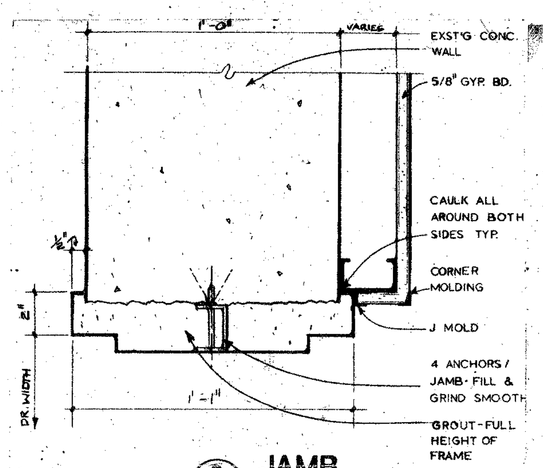
A44



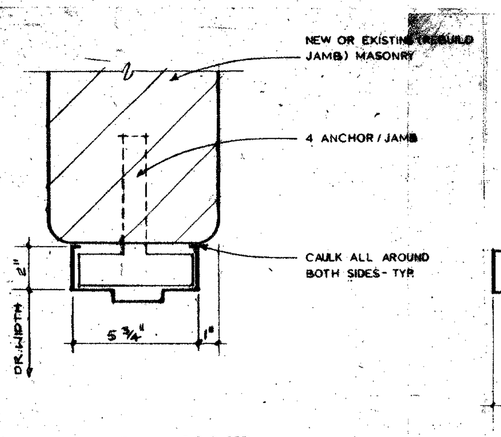
1 A45 JAMB/HEAD 3" : 1'-0"



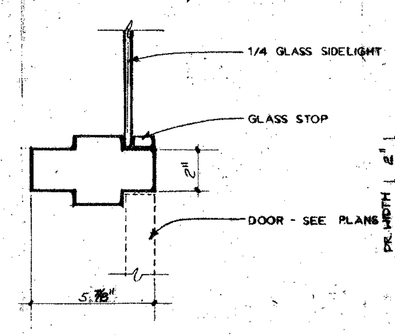
2 A45 JAMB/HEAD 3" : 1'-0"



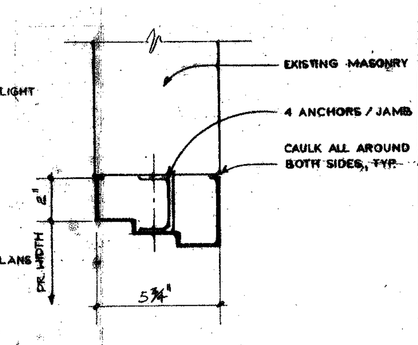
3 A45 JAMB 3" : 1'-0"



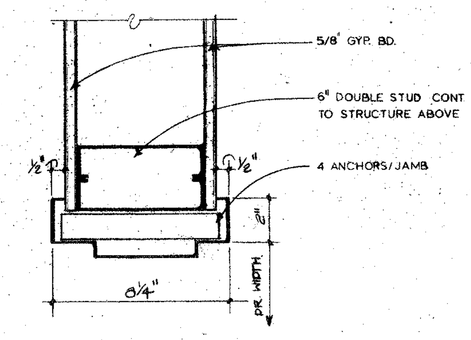
4 A45 JAMB 3" : 1'-0"



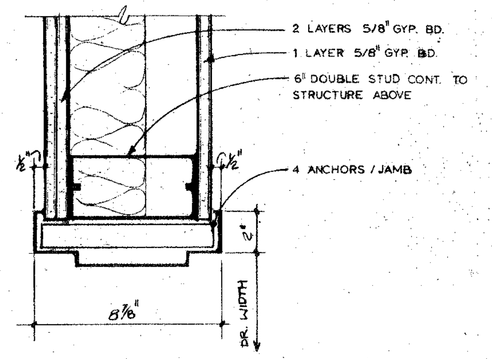
5 A45 JAMB 3" : 1'-0"



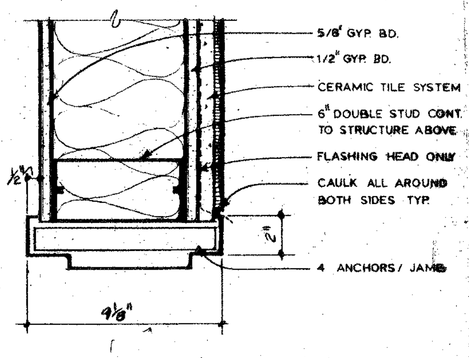
19 A45 JAMB 3" : 1'-0"



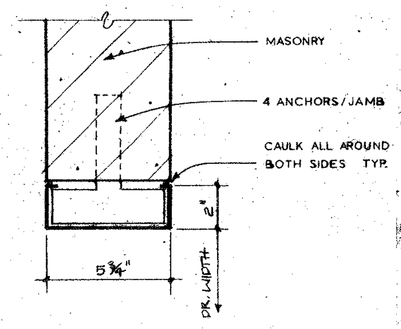
6 A45 JAMB/HEAD 3" : 1'-0"



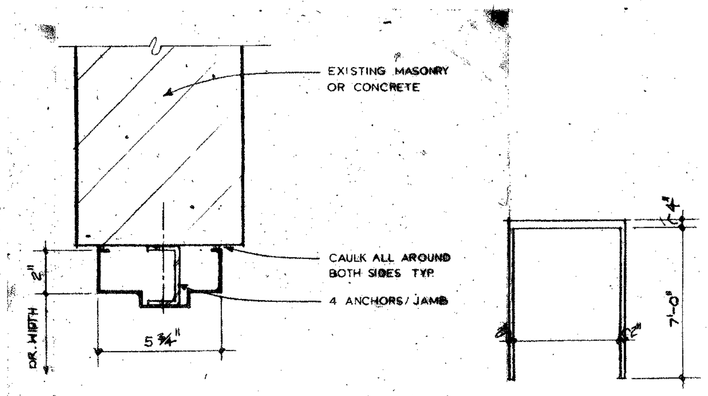
7 A45 JAMB/HEAD 3" : 1'-0"



8 A45 JAMB/HEAD (SIMILAR) 3" : 1'-0"

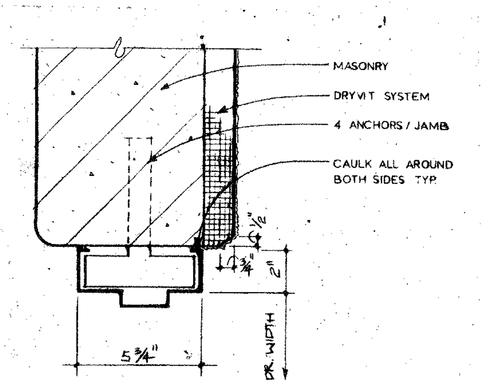


9 A45 JAMB 3" : 1'-0"

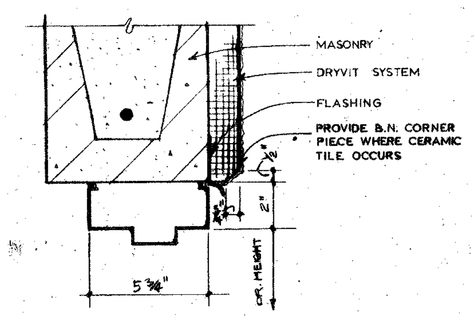


10 A45 JAMB 3" : 1'-0"

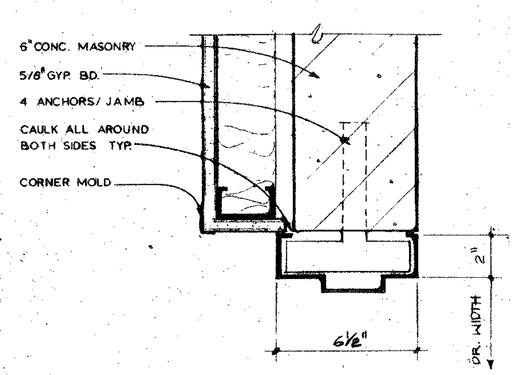
20 A45 FRAME ELEVATION (DR. 1465) 1/4" : 1'-0"



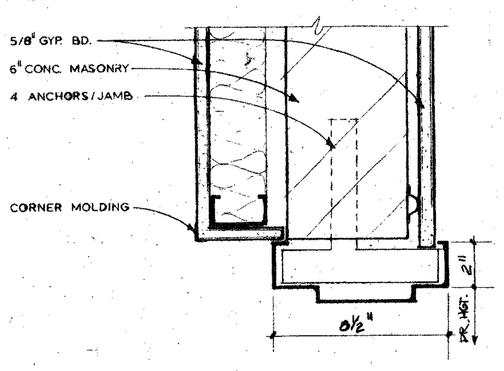
11 A45 JAMB 3" : 1'-0"



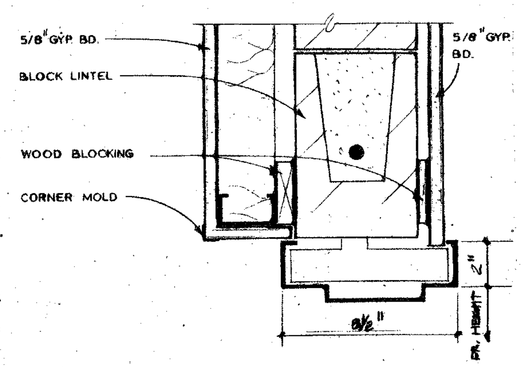
11 A45 HEAD 3" : 1'-0"



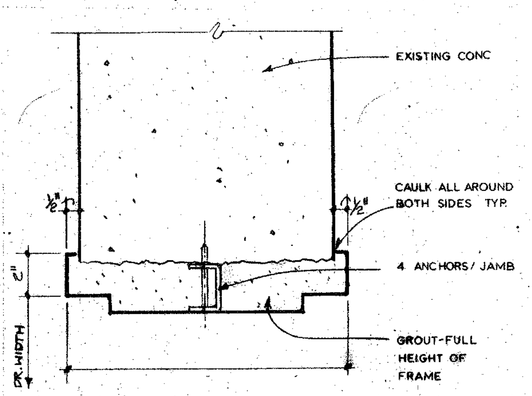
12 A45 JAMB 3" : 1'-0"



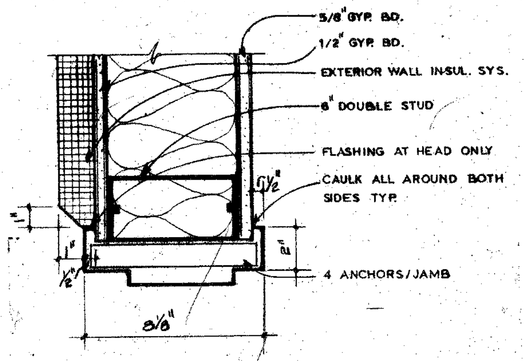
13 A45 JAMB 3" : 1'-0"



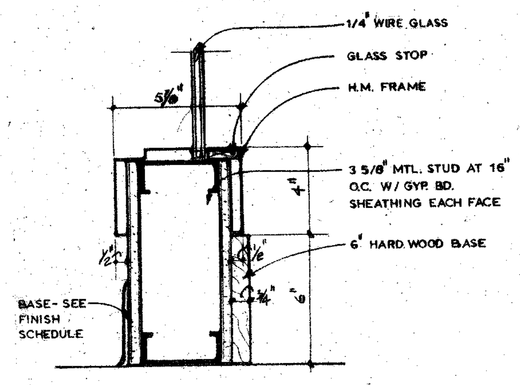
13 A45 HEAD 3" : 1'-0"



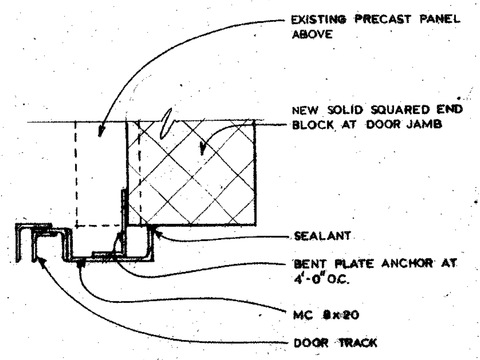
14 A45 JAMB 3" : 1'-0"



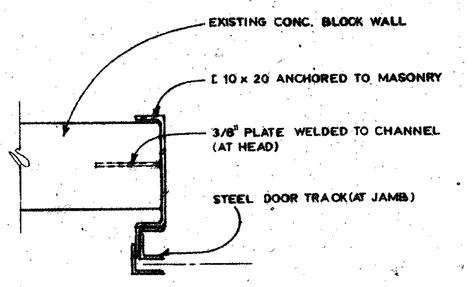
15 A45 JAMB/HEAD/SILL (SIMILAR) 3" : 1'-0"



16 A45 SILL 3" : 1'-0"



17 A45 DOOR JAMB DET. 1 1/2" : 1'-0"



18 A45 STL. DOOR JAMB (HEAD SIM.) 1 1/2" : 1'-0"

STATE OF OHIO
LEWIS PORTER 3853
REGISTERED ARCHITECT

PRINTING
6·9·86

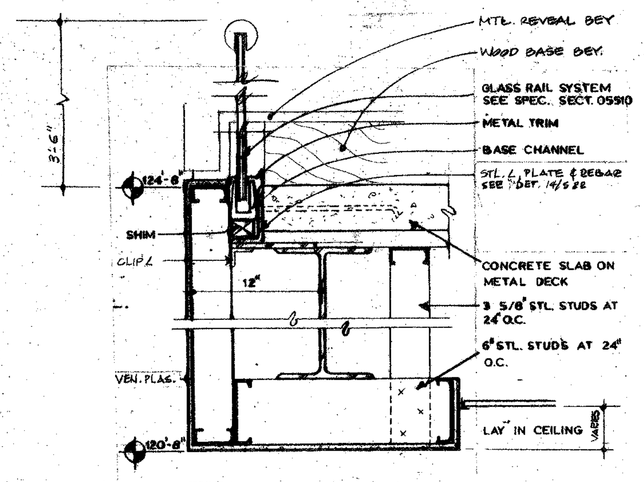
REVISIONS
△ NO RECORD DRG. REVISIONS THIS SHEET

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

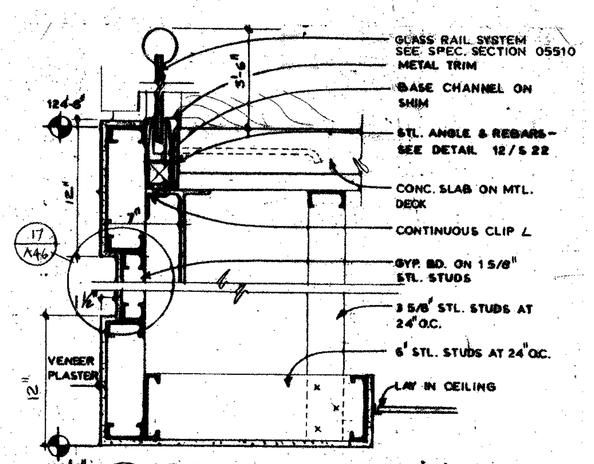
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
74 North Jefferson Street
Dayton, Ohio 45402
(513) 224-1681

DATE JUNE 9, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

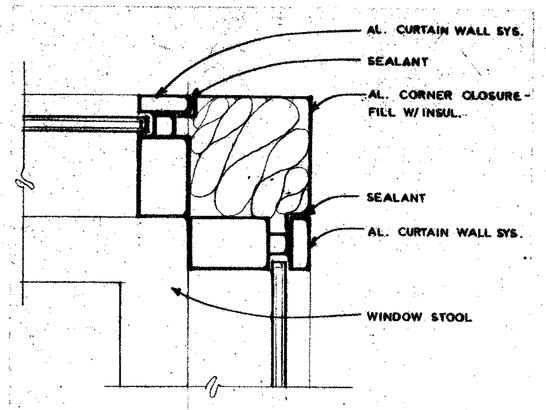
A 45



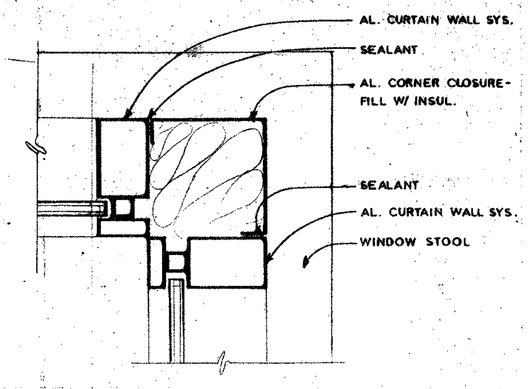
1 A46 BALCONY DETAIL (3RD FLOOR)
1 1/2" : 1'-0"



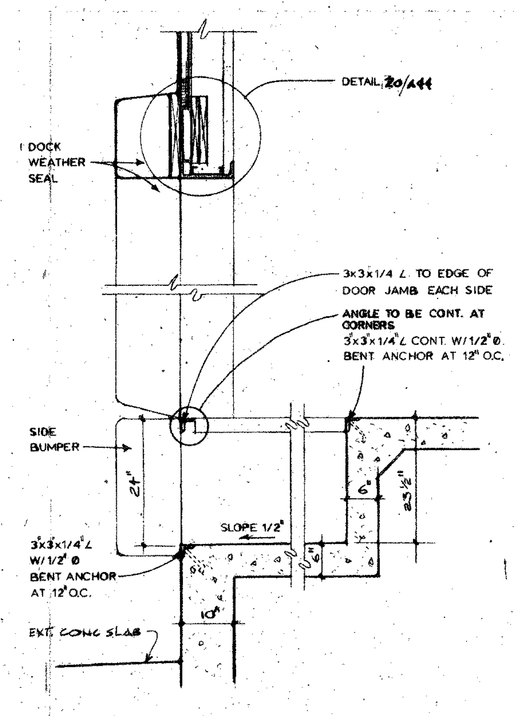
2 A46 BALCONY DETAIL @ 3RD FLR.
1 1/2" : 1'-0"

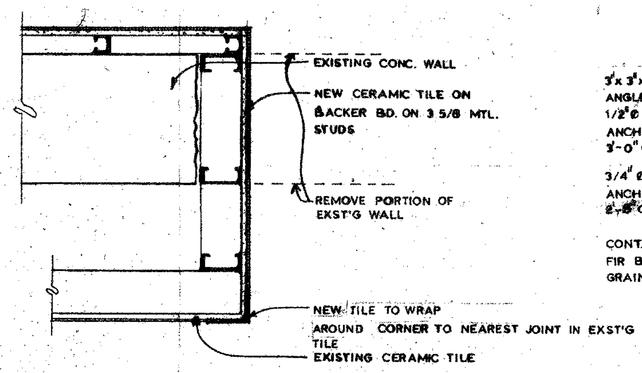


15 A46 CORNER PLAN DETAIL
3" : 1'-0"

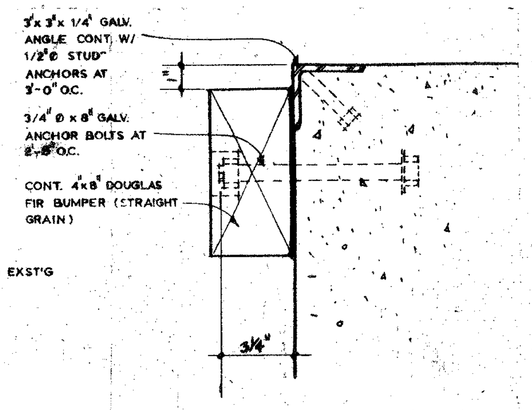


16 A46 CORNER PLAN DETAIL
3" : 1'-0"

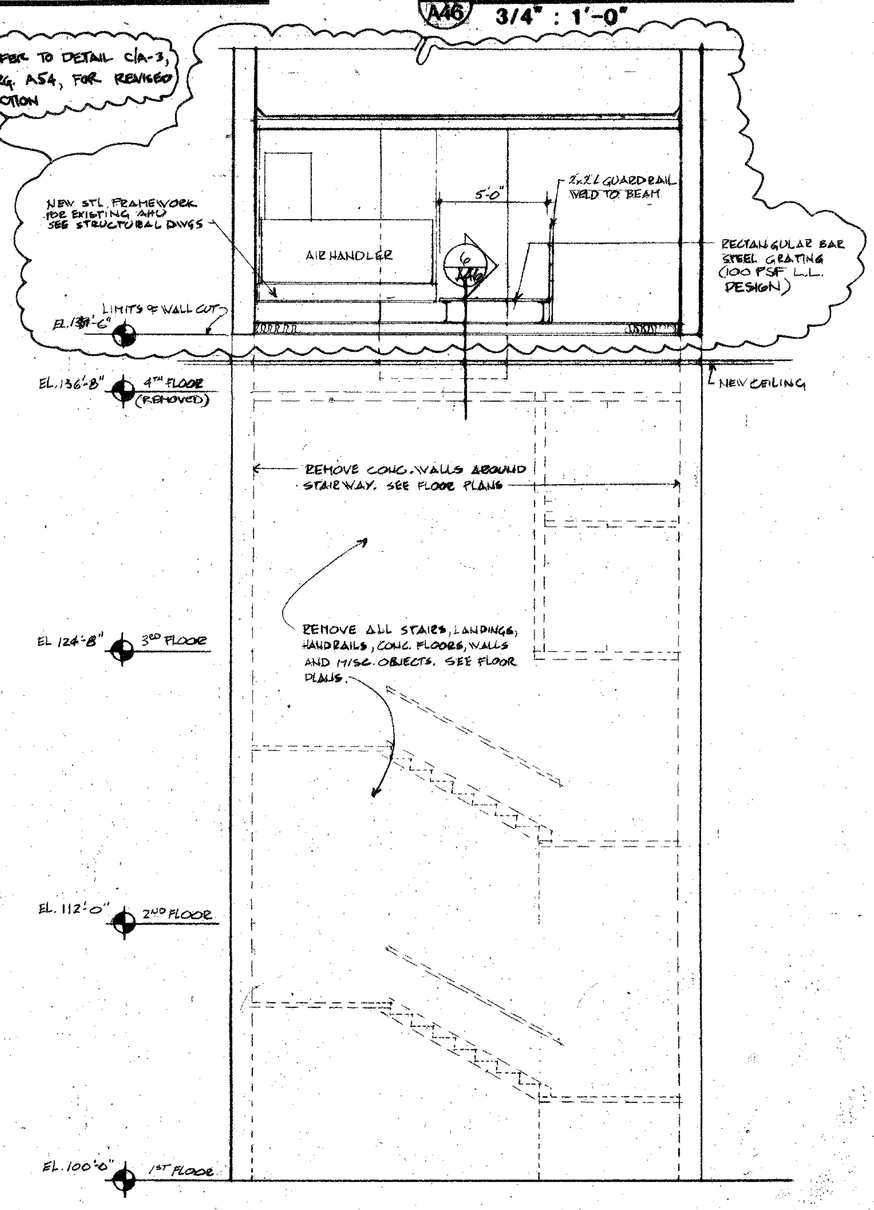




14 A46 PLAN DETAIL
1 1/2" : 1'-0"

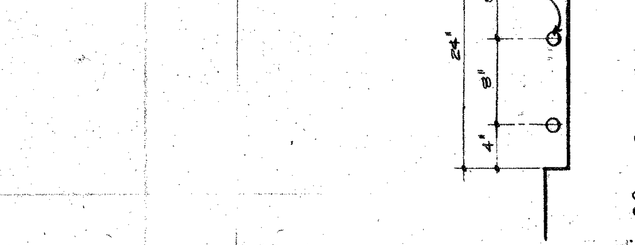


8 A46 DOCK BUMPER SECTION
3" : 1'-0"

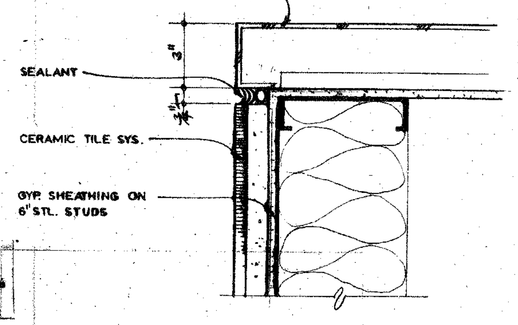


9 A46 DOCK LEVELER PIT
3/4" : 1'-0"

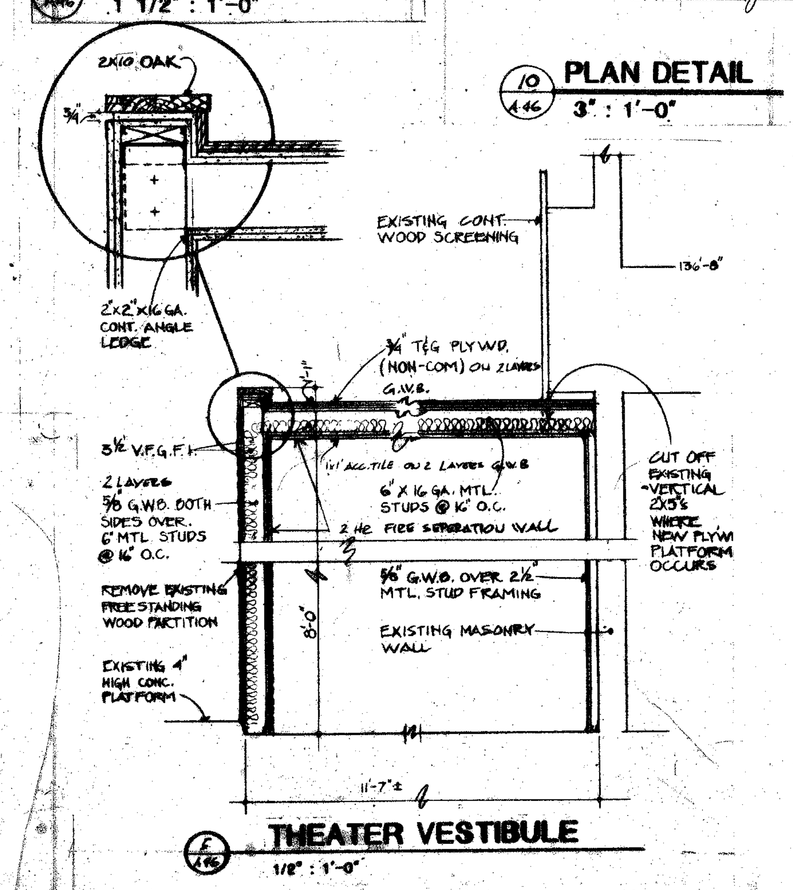
7 A46 SECTION
1/4" : 1'-0"



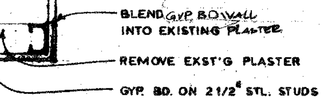
5 A46 NEON SLOT DETAIL
1 1/2" : 1'-0"



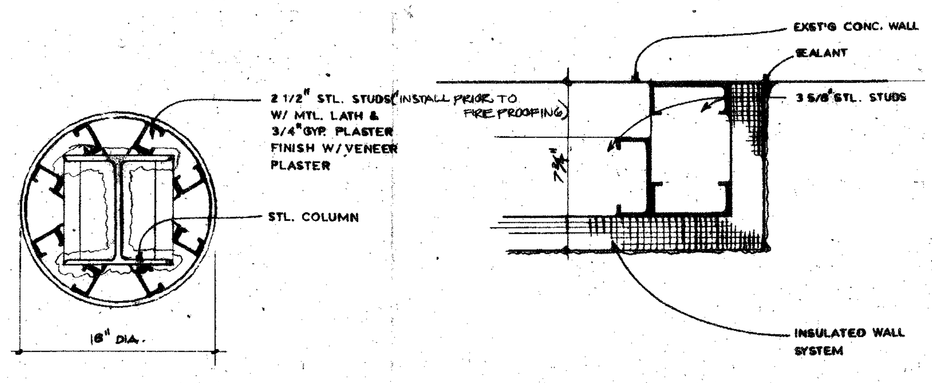
10 A46 PLAN DETAIL
3" : 1'-0"



E A46 THEATER VESTIBULE
1/8" : 1'-0"

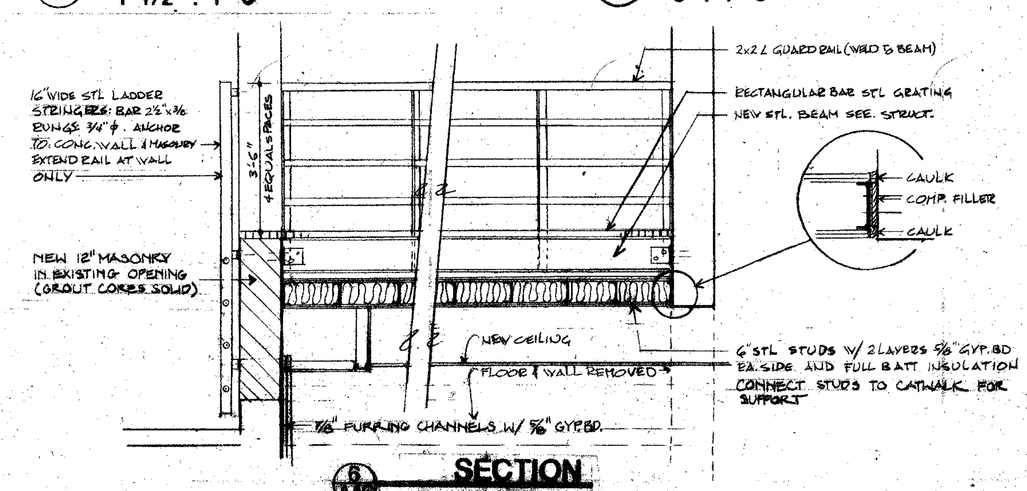


13 A46 PLAN DETAIL
1 1/2" : 1'-0"



11 A46 PLAN DETAIL
1 1/2" : 1'-0"

12 A46 PLAN SECTION
3" : 1'-0"



6 A46 SECTION
1/2" : 1'-0"

STATE OF OHIO
LEVIN - 8253
PORTER - 8265
REGISTERED ARCHITECTS

PRINTING
10·9·86

REVISIONS
△ 11-1-86 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
4TH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
(513) 461-5866

DATE: JUNE 6, 1986
DRAWN BY
CHECKED BY
PROJECT NO. 57411.00

A46

CENTER PAVING PATTERN ON BUILDING ENTRANCE AS SHOWN

REFER TO DETAIL R/A-11, DWG. A49, FOR REVISED PAVING PLAN

EXPANSION JOINTS AS PER CITY OF DAYTON STANDARDS.

CONC. SIDEWALK ALT.# G-7.

TRENCH DRAIN BY P.C. SEE PLUMBING DRWGS.

ALT.# G-7

EXIST. BLDG.

CATCH BASIN TYP. SEE DET. C/P2.

RECESSED FLOOR MAT (RFM)

BOLLARD (TYP.) SEE DET. 4/A1.1 & SEE SHT. A2 FOR LAYOUT.

E.J.

CONC. TYP.

GRANITE PAVERS SEE SPEC. SECT. 02500

FPM

P

T

REFER TO DETAIL R/A-28, DWG. A51, FOR REVISED PAVING PLAN

SEE SHT. A2 FOR CONC. PAVING LAYOUT. (ALT.# G-7)

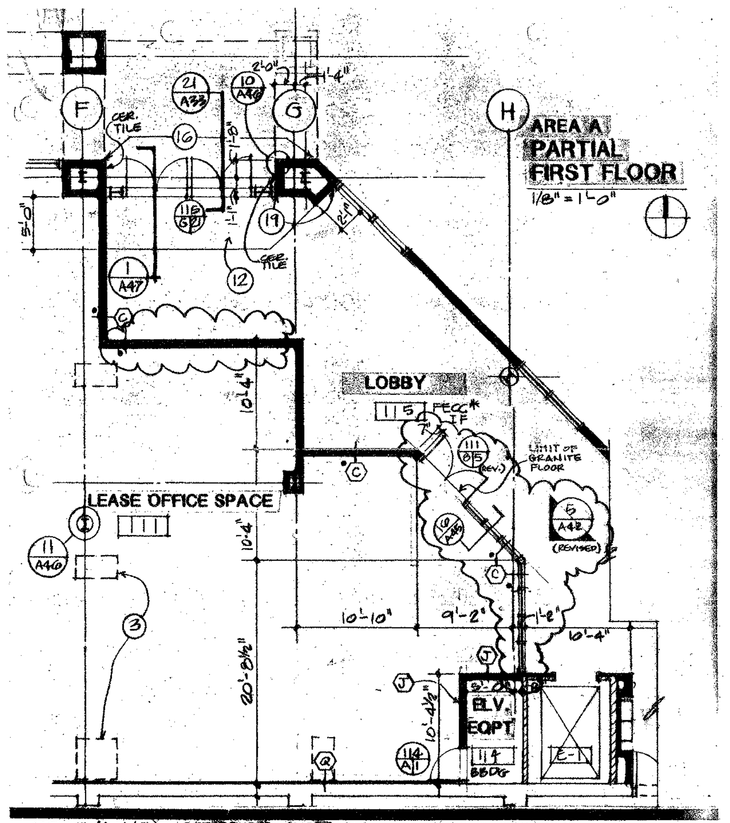
GRANITE (BASE BID)

TRENCH DRAIN BY P.C. SEE PLUMBING DRWGS.

EQUIPMENT

EQUIPMENT

EQUIPMENT



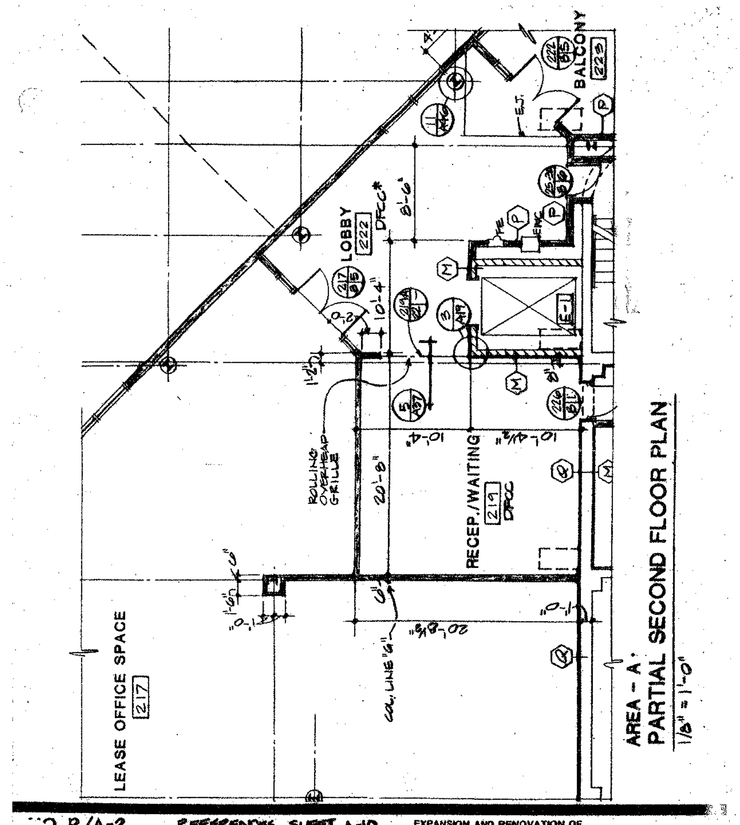
NO. R/A-1(R) REFERENCES SHEET A-6 EXPANSION AND RENOVATION OF

DATE : 8/28/86 Revised 3/10/87

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

DAYTON CONVENTION
AND
EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, O



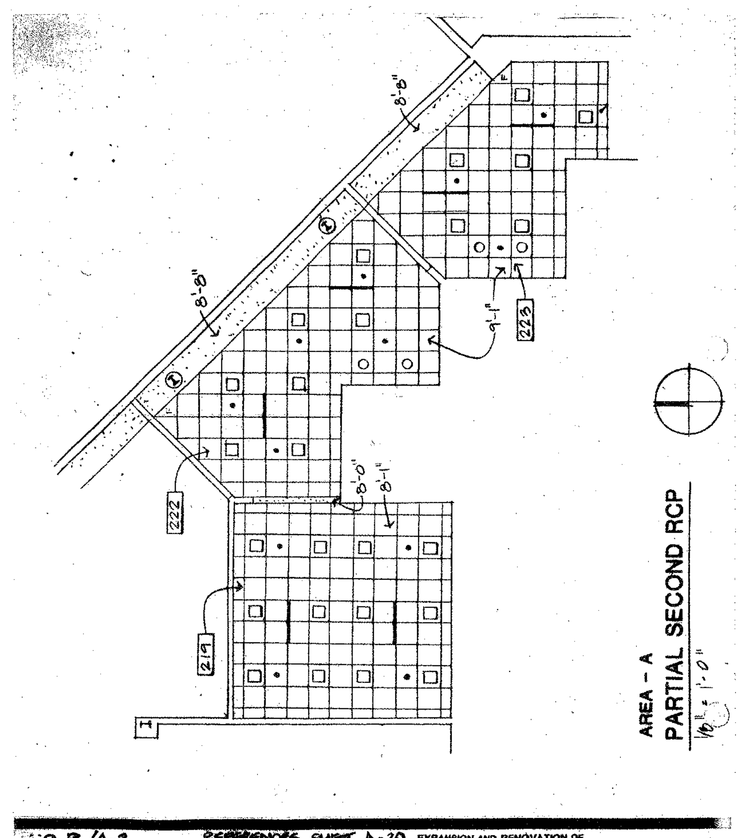
NO. R/A-2 REFERENCES SHEET A-10 EXPANSION AND RENOVATION OF

DATE : 8/28/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

DAYTON CONVENTION
AND
EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



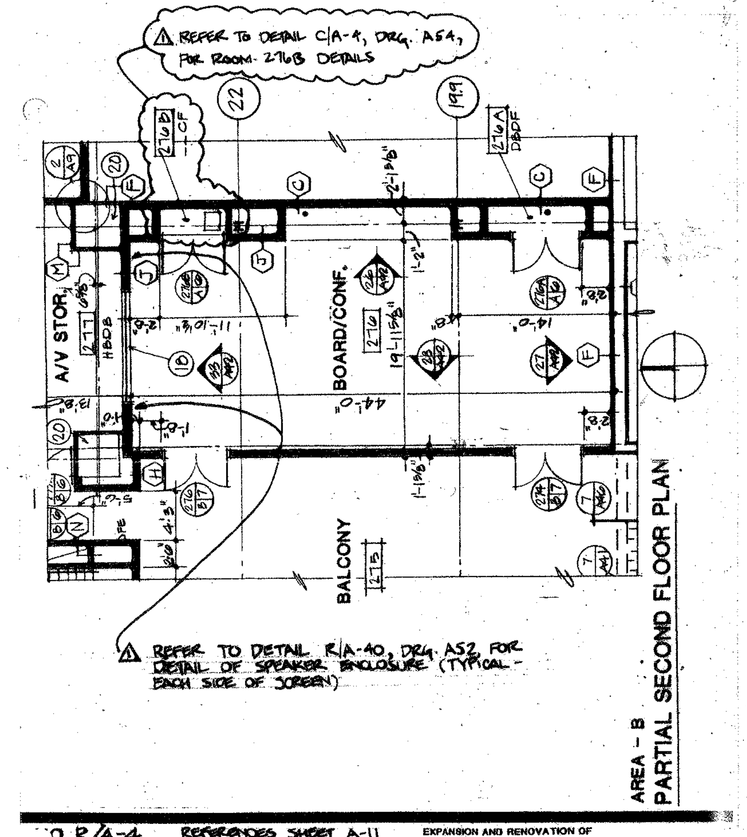
NO. R/A-3 REFERENCES SHEET A-20 EXPANSION AND RENOVATION OF

DATE : 8/28/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

DAYTON CONVENTION
AND
EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



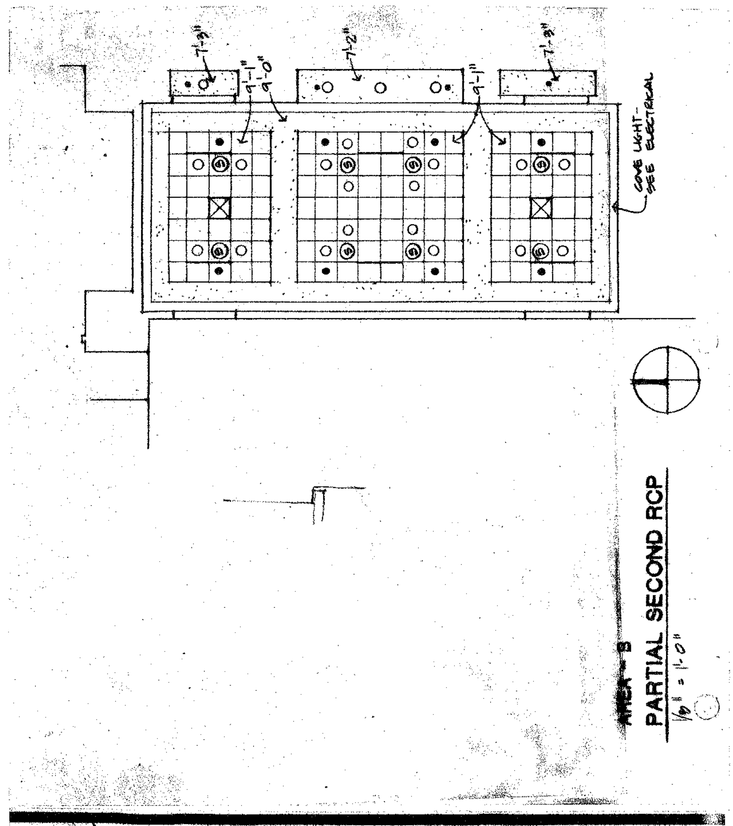
NO. R/A-4 REFERENCES SHEET A-11 EXPANSION AND RENOVATION OF

DATE : 8/28/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

DAYTON CONVENTION
AND
EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



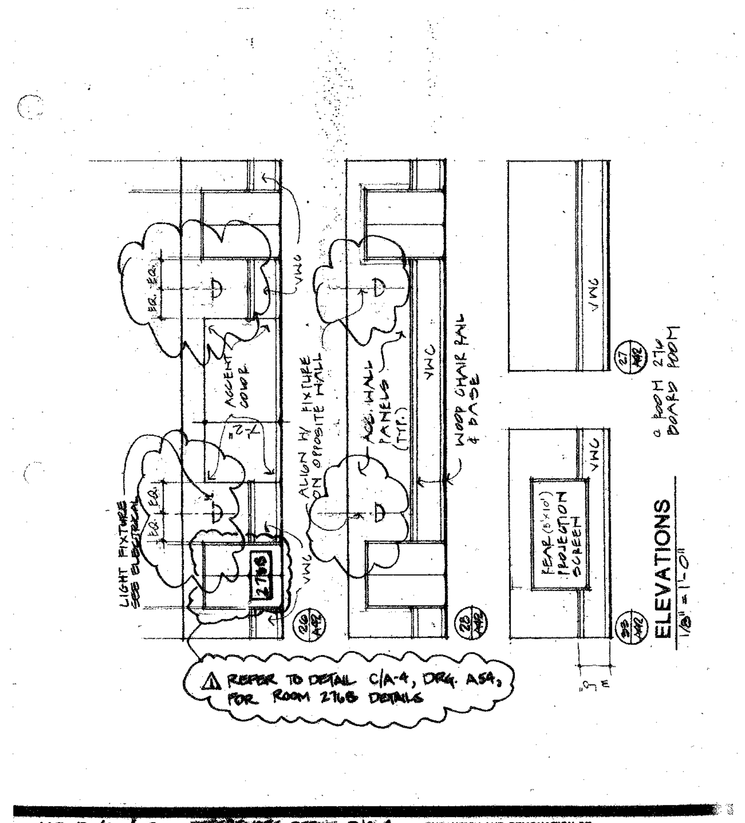
NO. R/A-5 REFERENCES SHEET A-21

DATE : 8/28/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



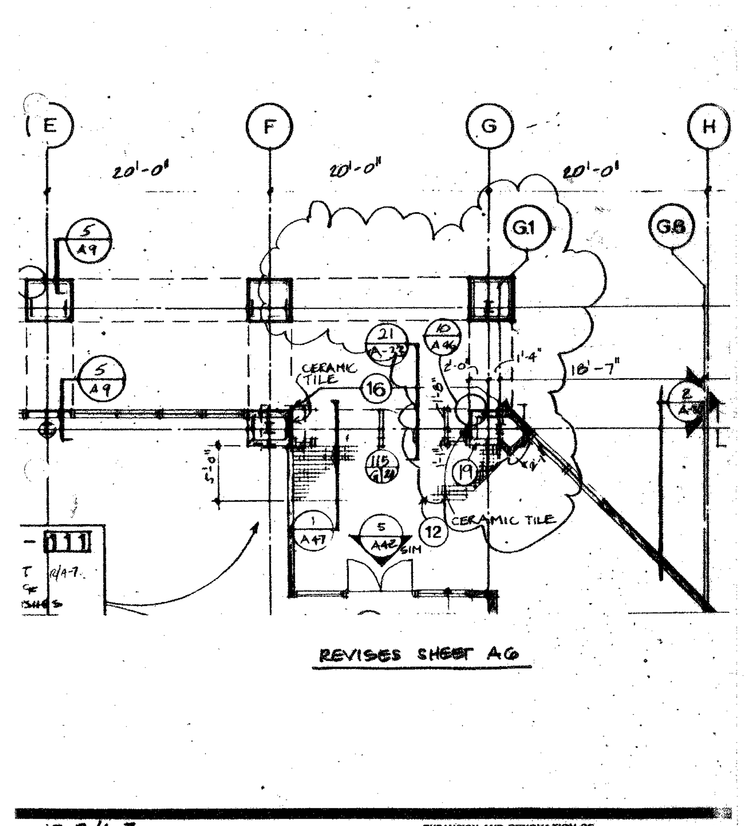
NO. R/A-6R REFERENCES DETAIL R/A-4, THIS SHEET

DATE : 8/28/86. REV. 7/21/87

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



NO. R/A-7

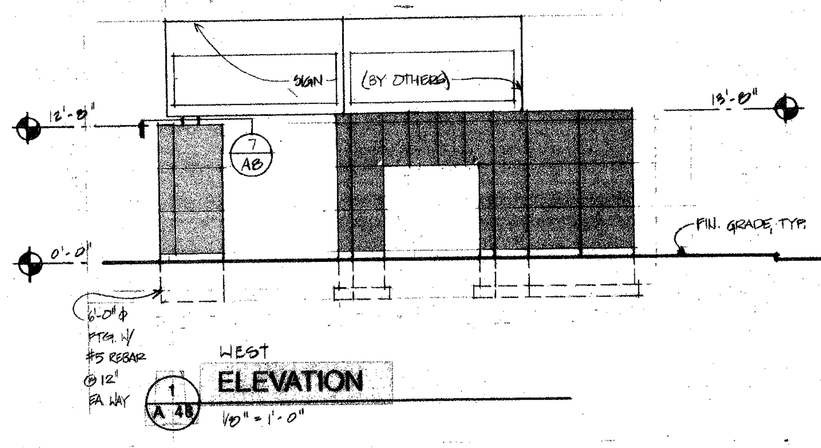
DATE : 8/28/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

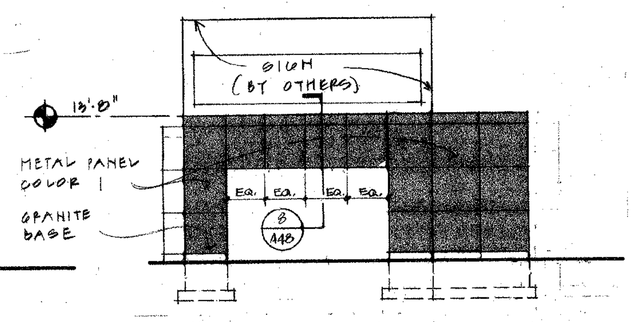
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

RECORD DRAWING-REVISION DETAILS

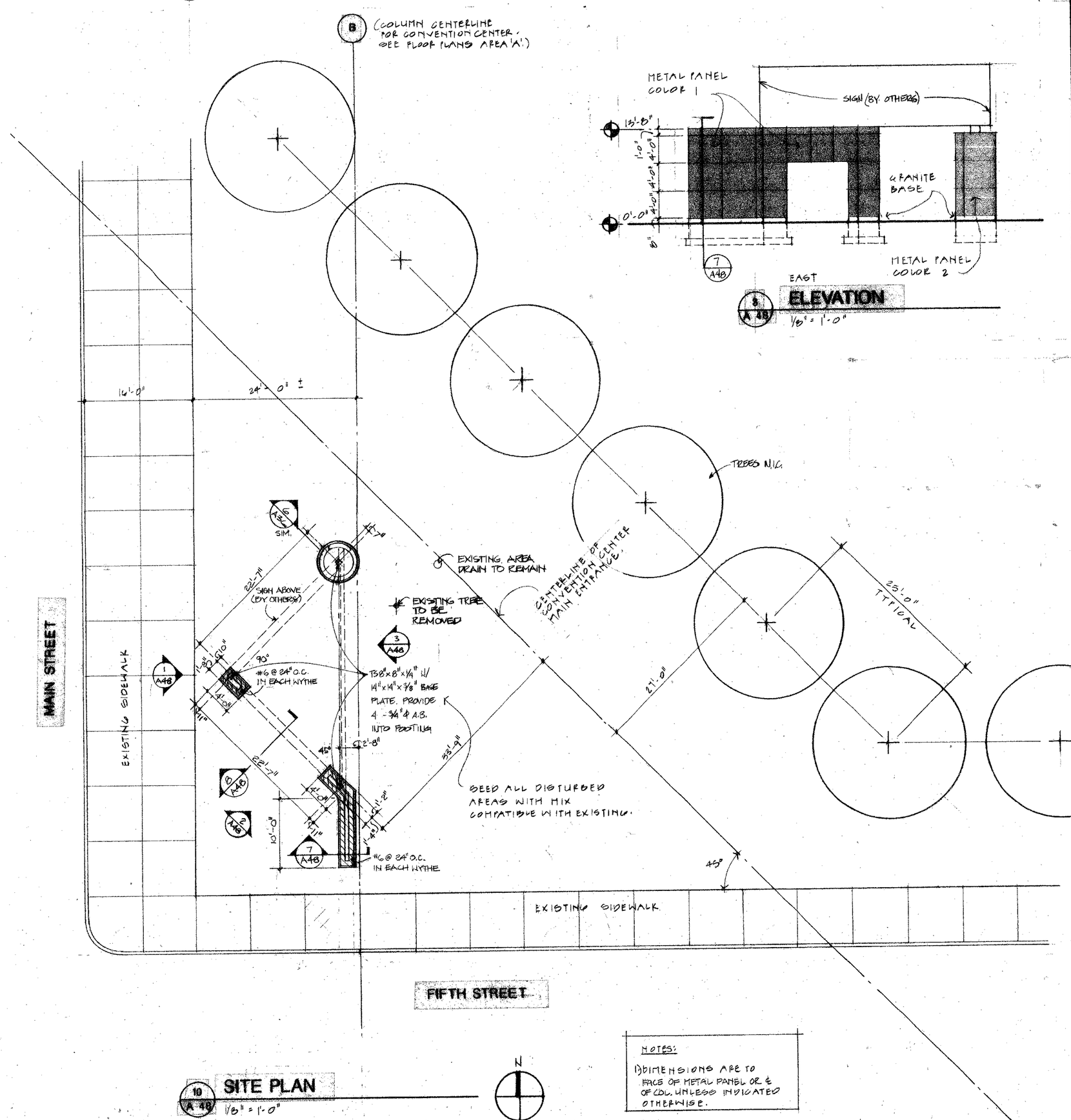


WEST ELEVATION
1/8" = 1'-0"



SOUTH WEST ELEVATION
1/8" = 1'-0"

EAST ELEVATION
1/8" = 1'-0"

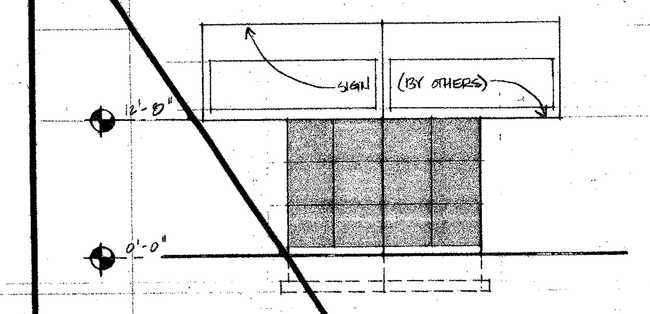


SITE PLAN
1/8" = 1'-0"

NOTES:

1) DIMENSIONS ARE TO FACE OF METAL PANEL OR ℄ OF COL. UNLESS INDICATED OTHERWISE.

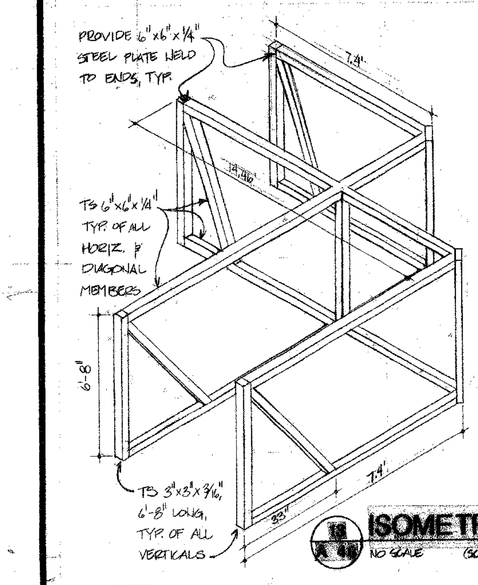
SCHEME 2



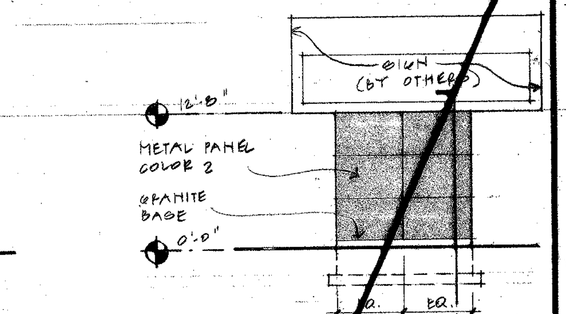
WEST ELEVATION
1/8" = 1'-0"

FINISH MATERIALS:

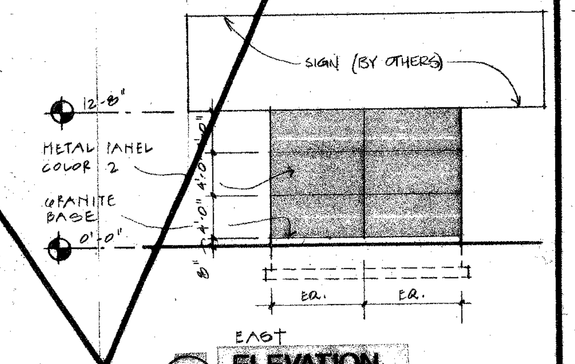
METAL PANEL COLOR 1 - #605 MIDNIGHT BLUE	4'x4' UNLESS OTHERWISE NOTED.
METAL PANEL COLOR 2 - #604 SILVER	4'x4' UNLESS OTHERWISE NOTED.
GRANITE - FLAMED IMPALA BLACK	12"x12"



ISOMETRIC
NO SCALE (SCHEME 2)

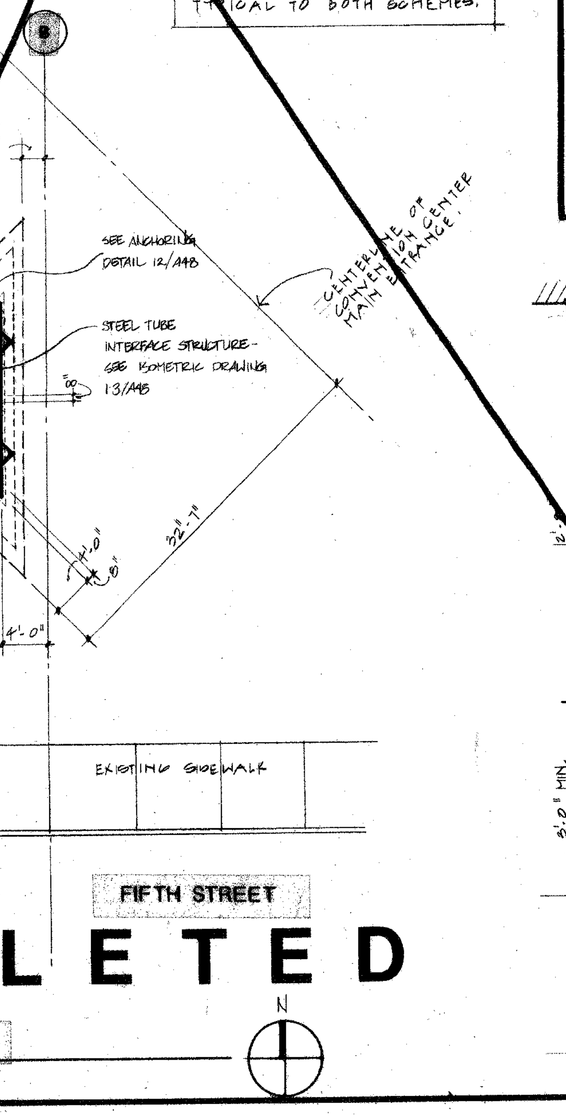


SOUTHWEST ELEVATION
1/8" = 1'-0"



EAST ELEVATION
1/8" = 1'-0"

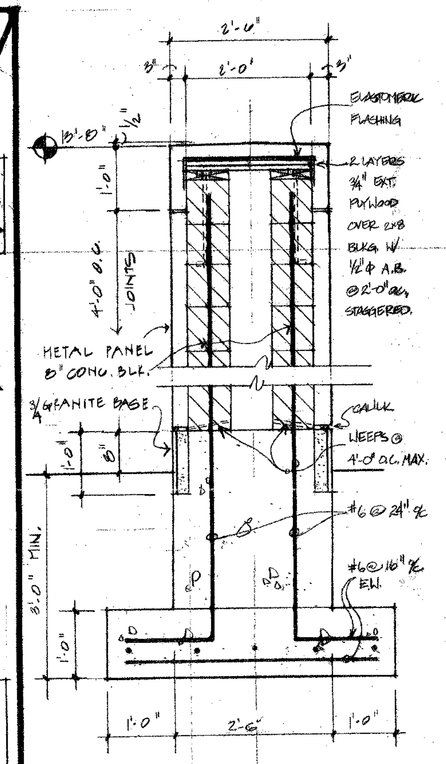
NOTE:
LANDSCAPING ON SCHEME 1, TYPICAL TO BOTH SCHEMES.



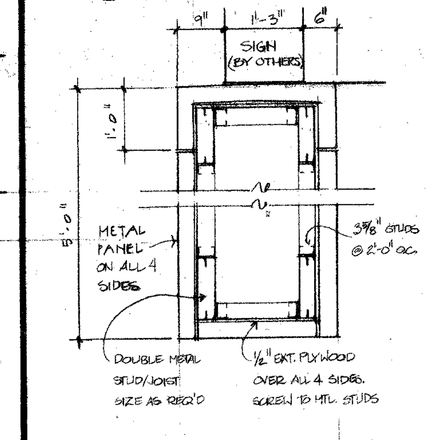
DELETED

SCHEME 2

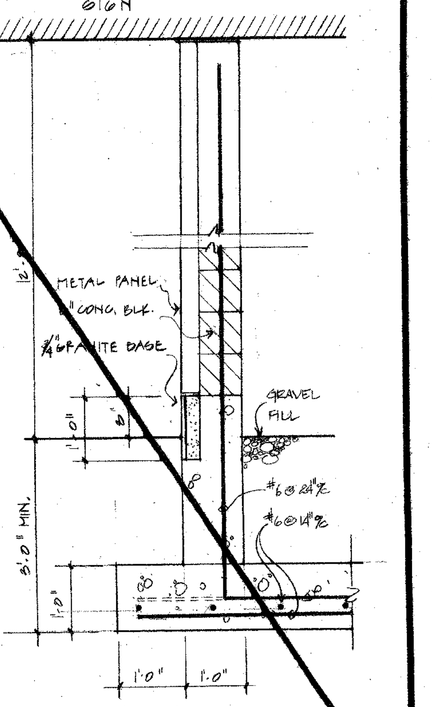
SITE PLAN
1/8" = 1'-0"



WALL SECTION
3/4" = 1'-0"

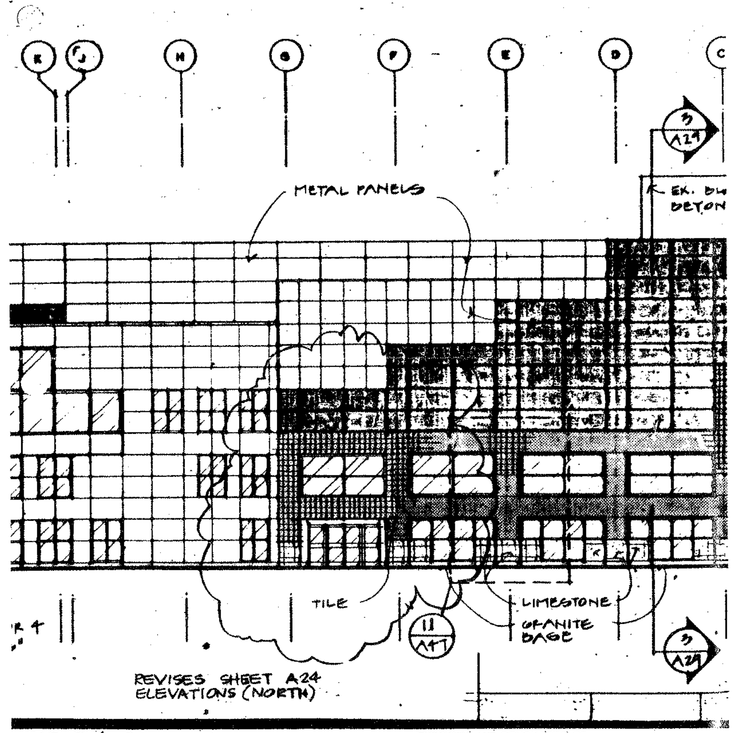


SECTION
3/4" = 1'-0"



WALL SECTION
3/4" = 1'-0" (SCHEME 2)

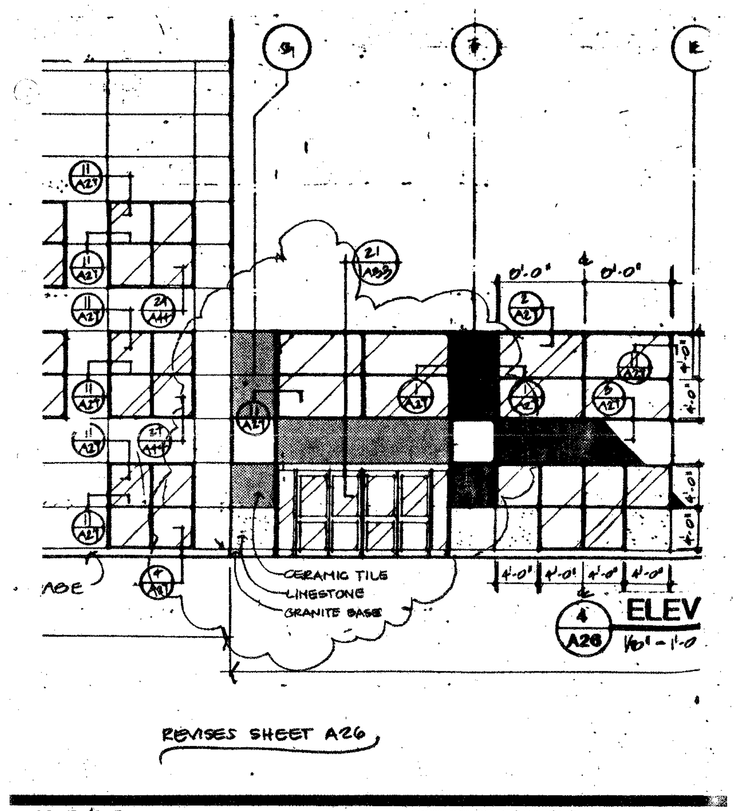
A 48R
AUGUST 4, 1987
ORIGINALLY ISSUED WITH BULLETIN NO. 5



NO. R/A-8
DATE : 8/28/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

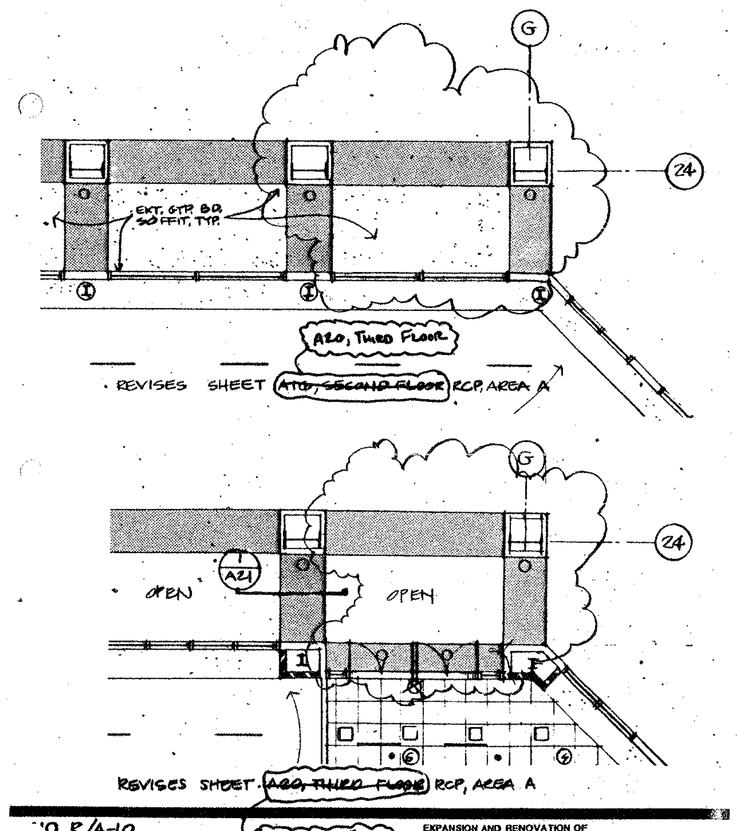
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



NO. R/A-9
DATE : 8/28/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

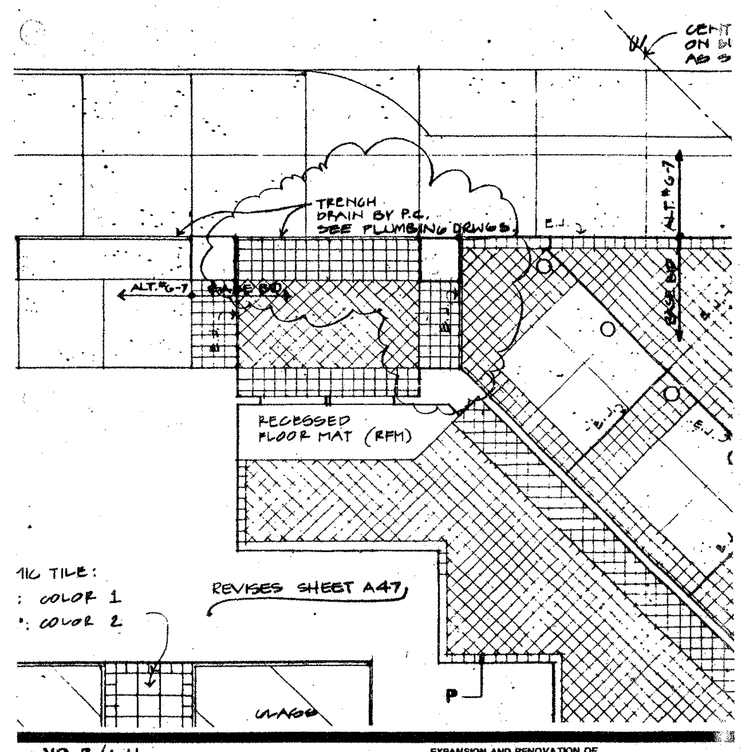
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



NO. R/A-10
DATE : 8/28/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

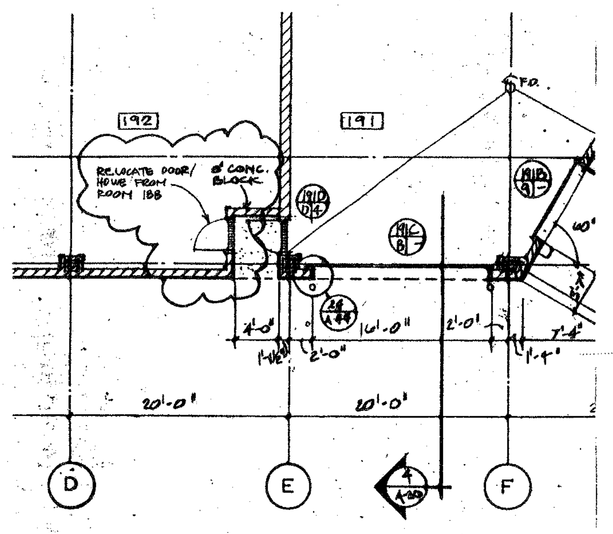
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



NO. R/A-11
DATE : 8/28/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

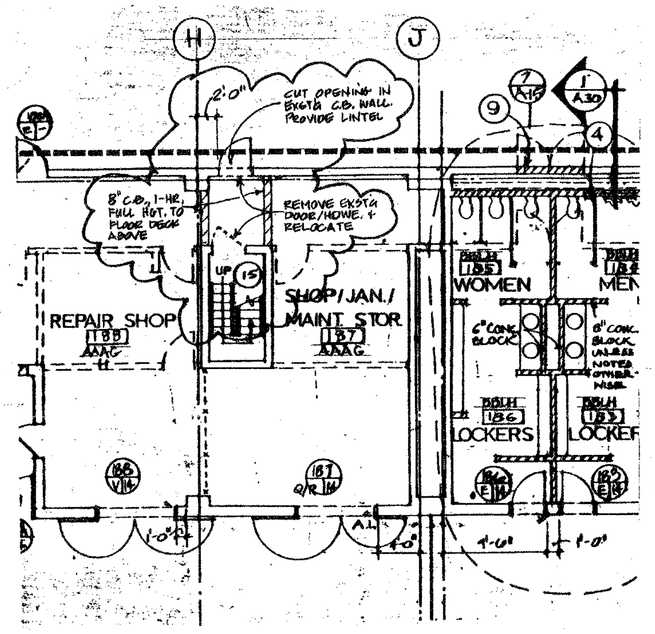
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



NO. R/A-12 REFERENCES SHEET A-8
DATE : 9/22/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

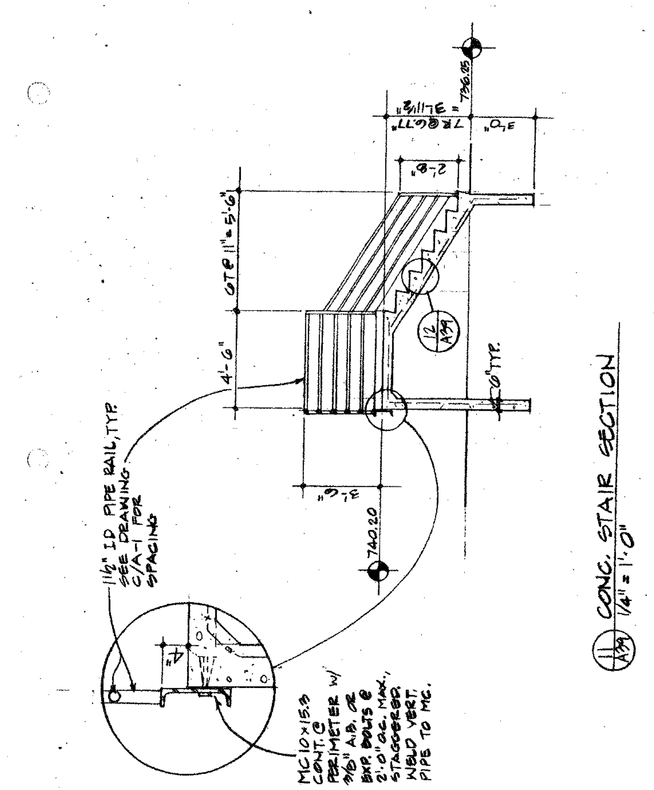
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



NO. R/A-13 REFERENCES SHEET A-8
DATE : 9/22/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

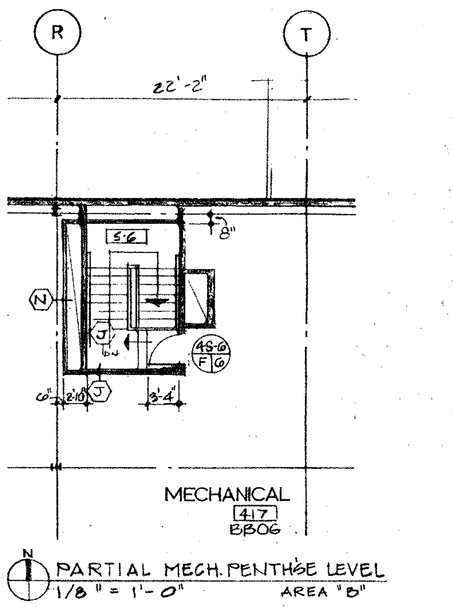
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



NO. R/A-14 REFERENCES SHEET A-39
DATE : 9/22/86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

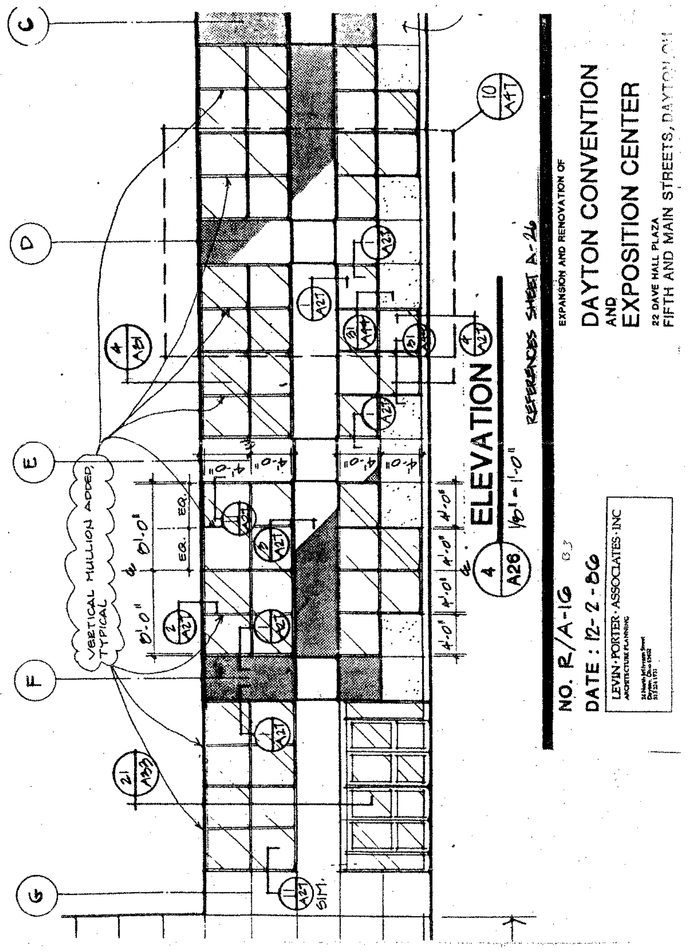


NO. R/A-15 REFERENCES SHEET A-14
DATE : 12-2-86

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

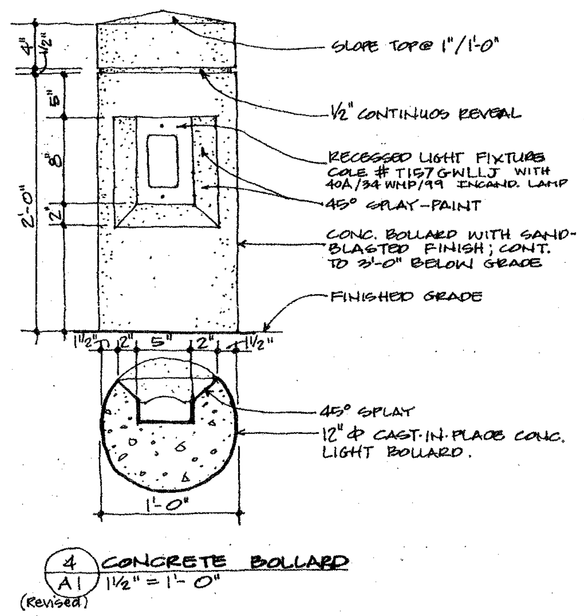
RECORD DRAWING-REVISION DETAILS



NO. R/A-16
DATE : 12-2-86

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

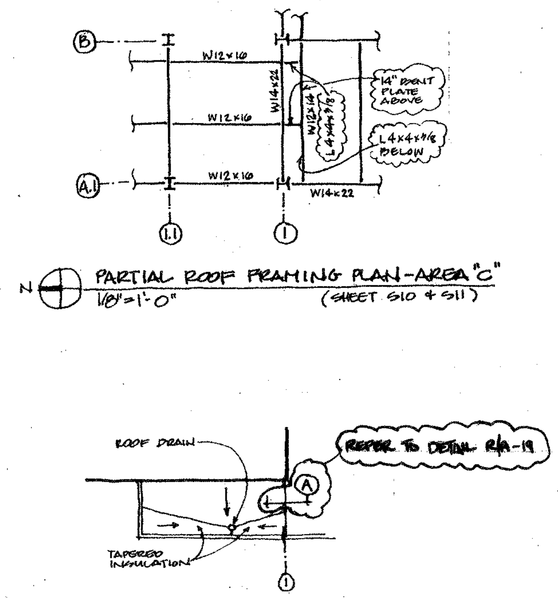


4 / A1 CONCRETE BOLLARD
1½" = 1'-0"
(Revised)

NO. R/A-17 REFERENCES SHEET A-1
DATE : 1/21/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

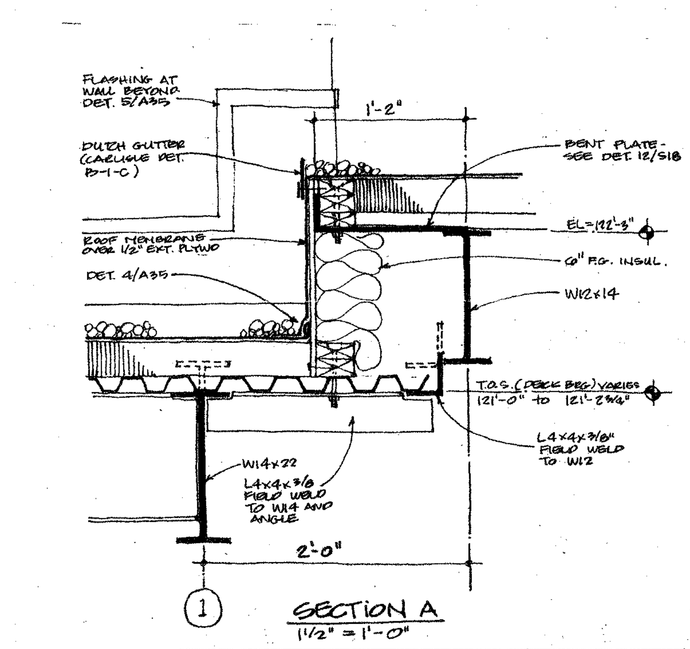
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH



NO. R/A-18 REFERENCES SHEETS A-1, S-10, S-11
DATE : 1/21/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

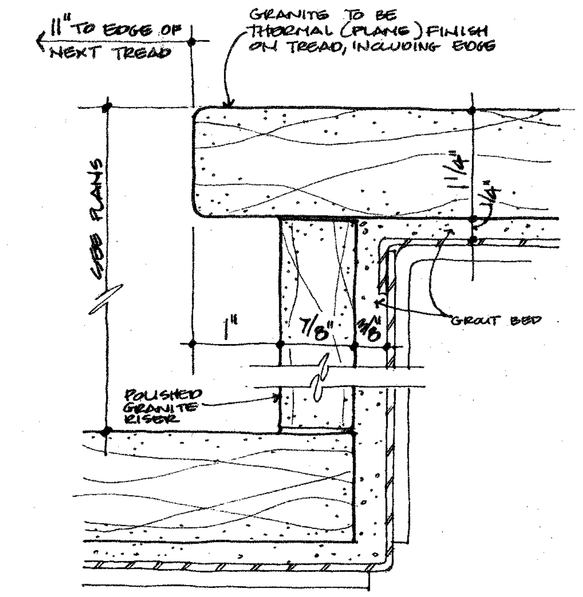
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH



NO. R/A-19 REFERENCES SHEET A-1
DATE : 1/21/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH



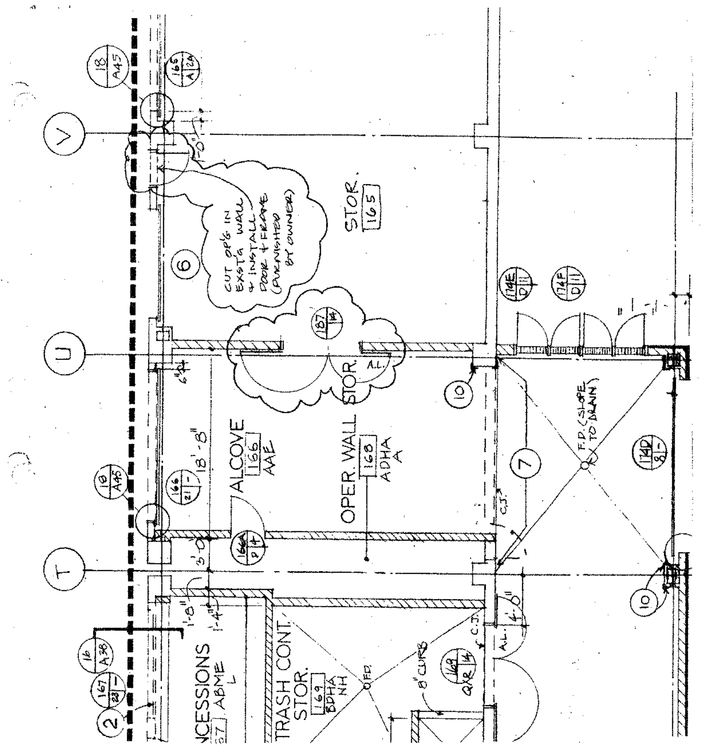
13 / A29 TREAD + RISER DETAIL
FULL SCALE (REVISED)

NOTE: INSTALLATION OF GRANITE TO BE PER THE MARBLE INSTITUTE OF AMERICA, LATEST EDITION.

NO. R/A-20 S-4 REFERENCES SHEET A-39
DATE : 1/23/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

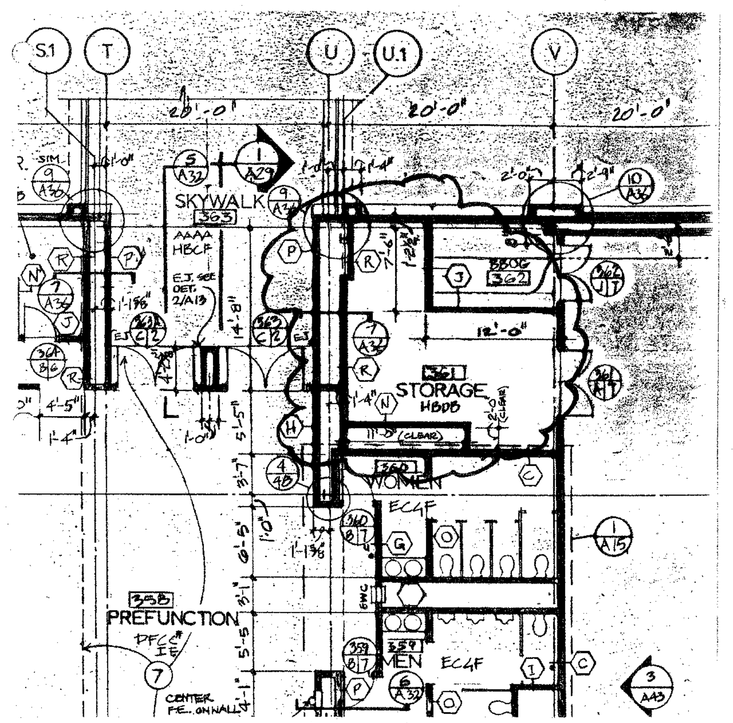


REFERENCES SHEET A-9

NO. R/A-38 (Bulletin No. 19)
DATE : 12/18/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

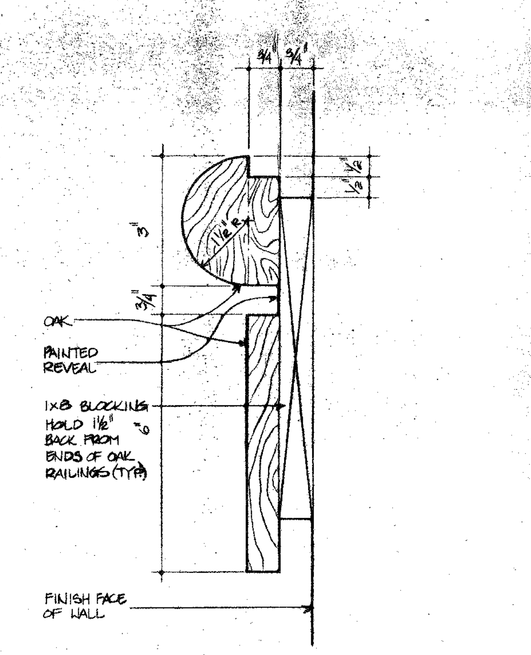


REFERENCES SHEET A-13

NO. R/A-23 (SI-6)
DATE : 13 MAY 87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH



CHAIR RAIL DETAIL
SCALE: 6"=1'-0"

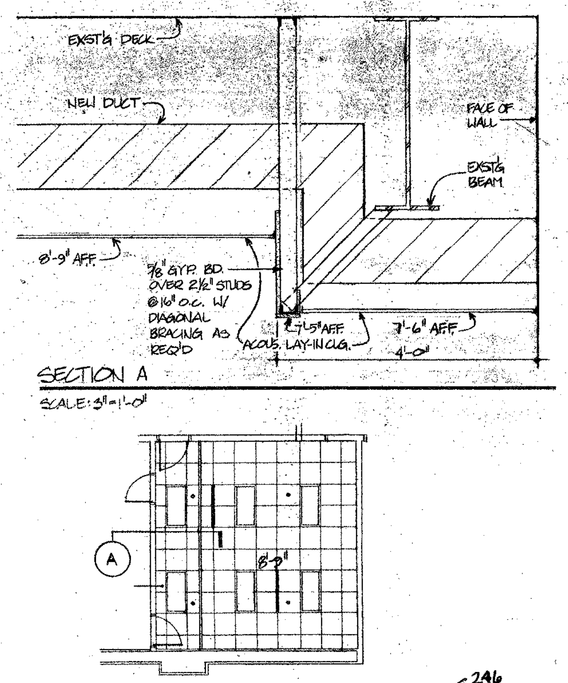
REFERENCES SHEET A-38

NO. R/A-24 (B-8)
DATE : 5/19/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

RECORD DRAWING-REVISION DETAILS



SECTION A

SCALE: 3/4"=1'-0"

PARTIAL REFLECTED CEILING PLAN - ROOM 126

SCALE: 1/8"=1'-0"

246

REFERENCES SHEET A-20

NO. R/A-25 (S1-7)

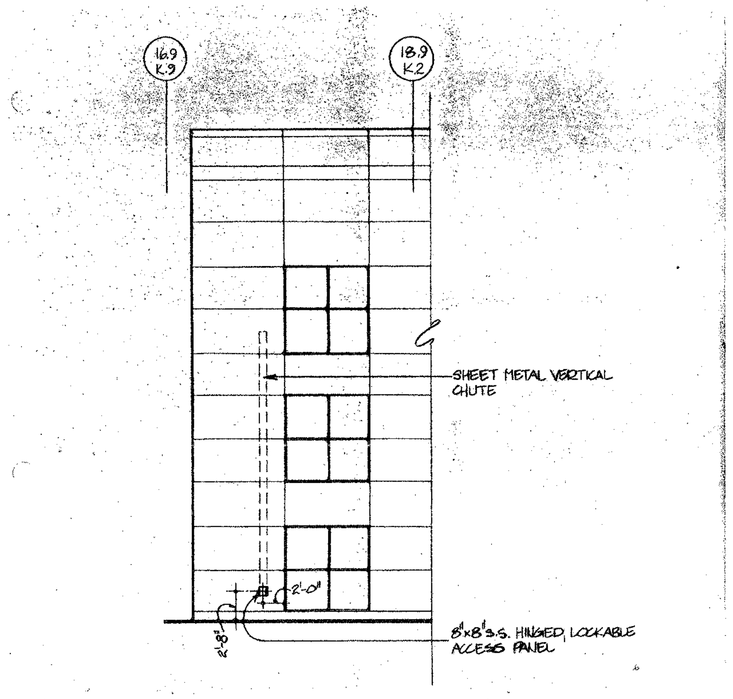
DATE : 21 MAY 87

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF

DAYTON CONVENTION AND EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



PARTIAL N-E ELEVATION 8/A26

SCALE: 1/8"=1'-0"

REFERENCES SHEET A-26

NO. R/A-26 (S1-7)

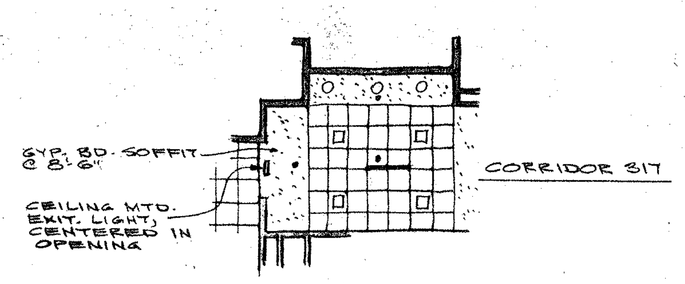
DATE : 21 MAY 87

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF

DAYTON CONVENTION AND EXPOSITION CENTER

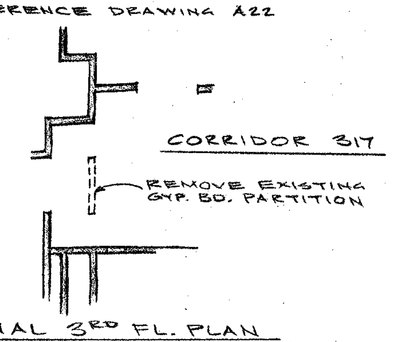
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



PARTIAL 3RD. FL. REFLECTED CLG. PLAN

⅛" = 1'-0"

REFERENCE DRAWING A22



PARTIAL 3RD FL. PLAN

⅛" = 1'-0"

REFERENCE DRAWING A12

NO. R/A-27 (S1-8)

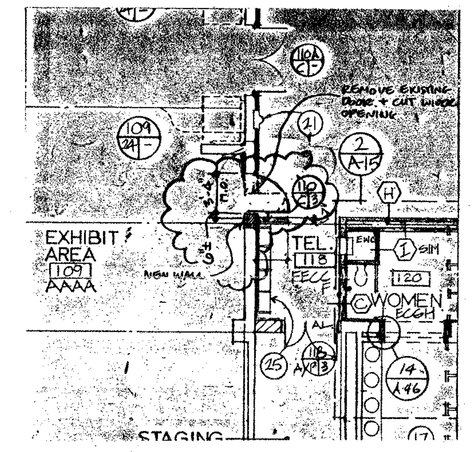
DATE : 6/17/87

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF

DAYTON CONVENTION AND EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



ITEM # 2, BULLETIN NO. 9

REFERENCES SHEET A-6

NO. R/A-29

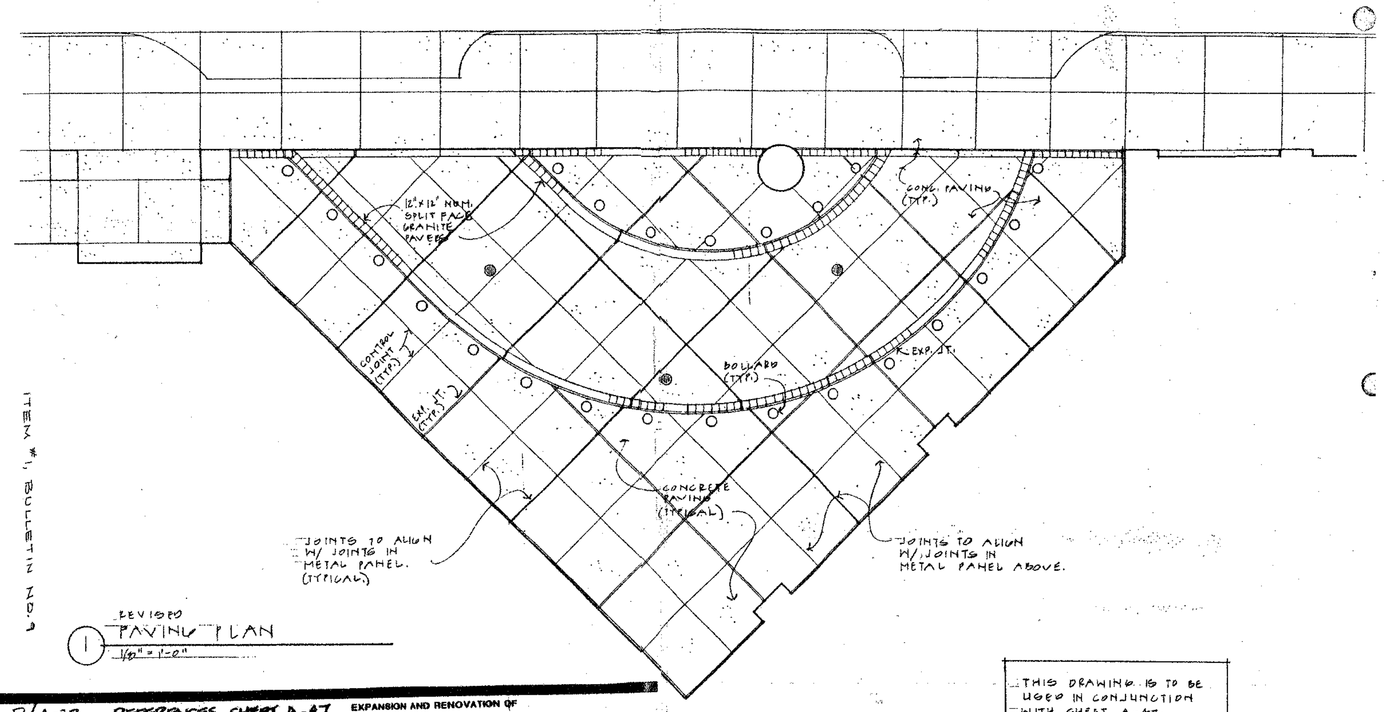
DATE : 7-21-87

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF

DAYTON CONVENTION AND EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



REVISED PAVING PLAN

1/8" = 1'-0"

ITEM #, BULLETIN NO. 9

THIS DRAWING IS TO BE USED IN CONJUNCTION WITH SHEET A-47.

REFERENCES SHEET A-47

NO. R/A-28

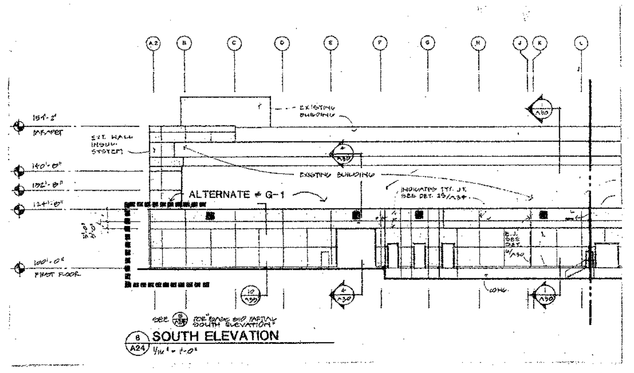
DATE : 7-21-87

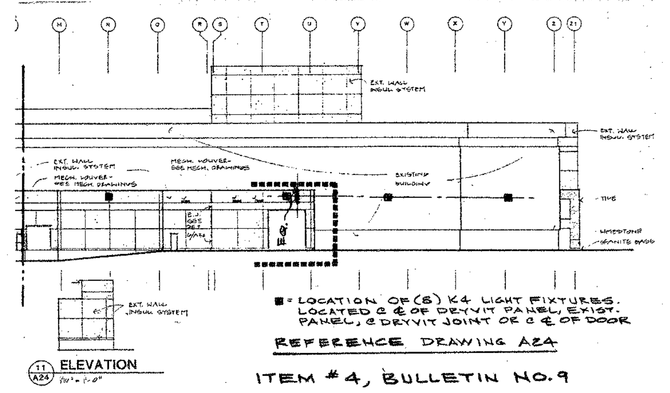
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF

DAYTON CONVENTION AND EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH





■ = LOCATION OF (8) K4 LIGHT FIXTURES. LOCATED 0 ℄ OF DRYVIT PANEL, EXIST. PANEL, 8 DRYVIT JOINT OR 0 ℄ OF DOOR

REFERENCE DRAWING A24

ELEVATION

ITEM # 4, BULLETIN NO. 9

NO. R/A-30

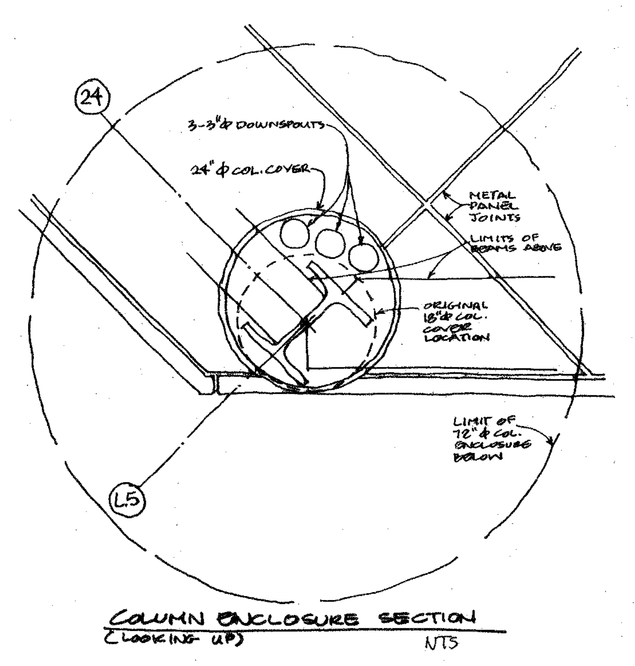
DATE : 7/21/87

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ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF

DAYTON CONVENTION AND EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



COLUMN ENCLOSURE SECTION (LOOKING UP)

NTS

REFERENCES SHEET A-14

NO. R/A-34 (Bulletin No. 13)

DATE : 8/19/87

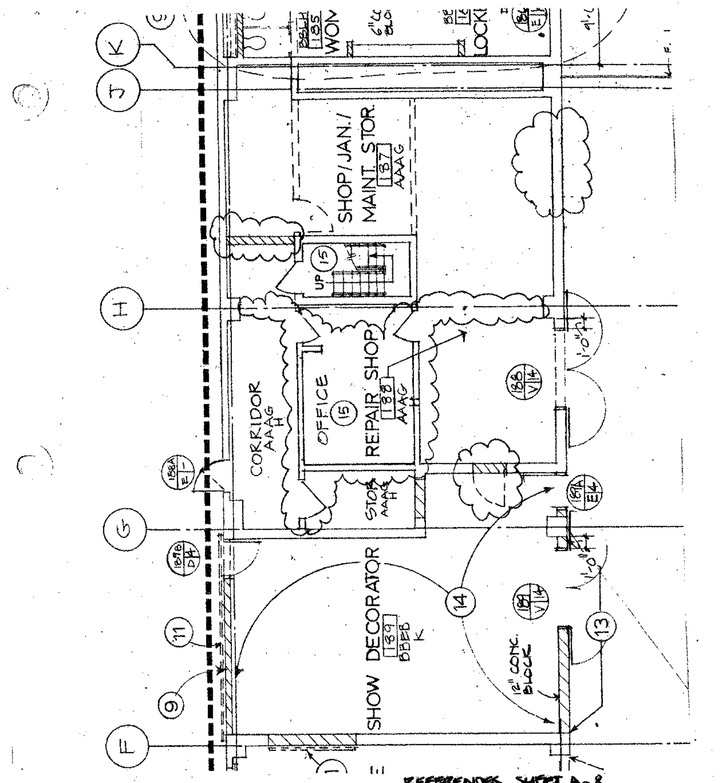
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF

DAYTON CONVENTION AND EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

RECORD DRAWING-REVISION DETAILS

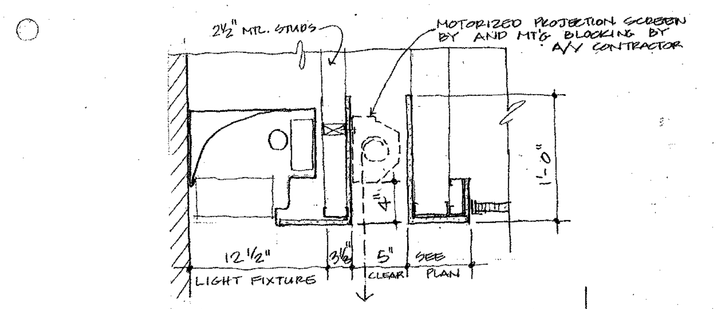


REFERENCES SHEET A-8

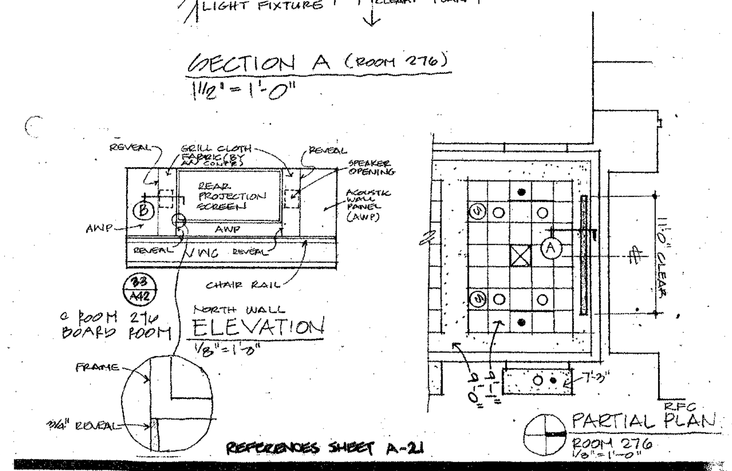
NO. R/A-37 (Bulletin No. 19)
DATE : 12/18/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



SECTION A (ROOM 276)
1½" = 1'-0"

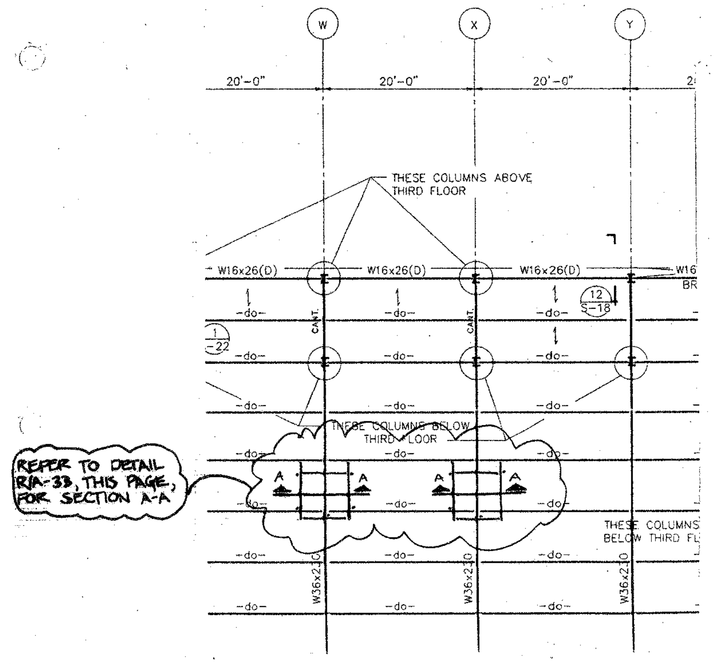


REFERENCES SHEET A-21

NO. R/A-39 (Bulletin No. 20)
DATE : 12/2 /87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



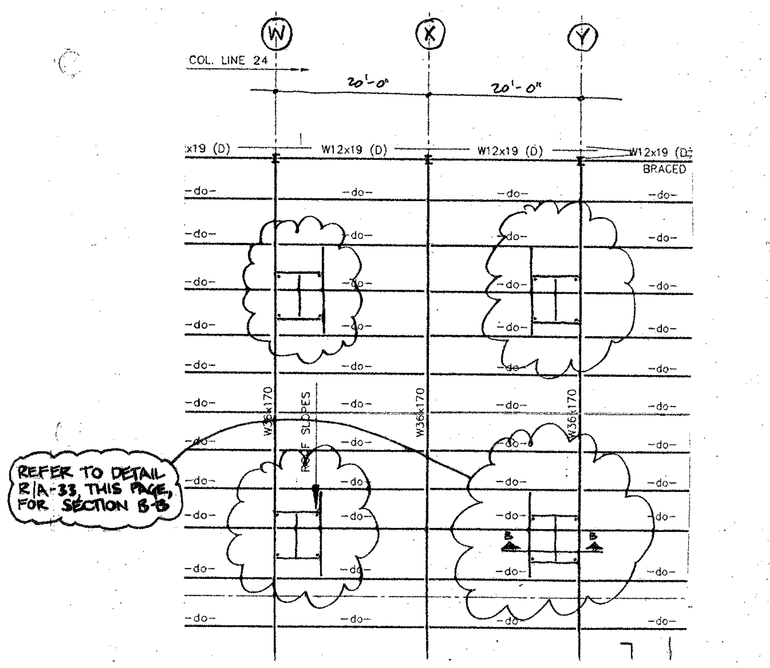
REFER TO DETAIL R/A-33, THIS PAGE, FOR SECTION A-A

PARTIAL FLOOR PLAN, SHEET S-9
NTS

NO. R/A-31 (Bulletin No. 10)
DATE : 7/30/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



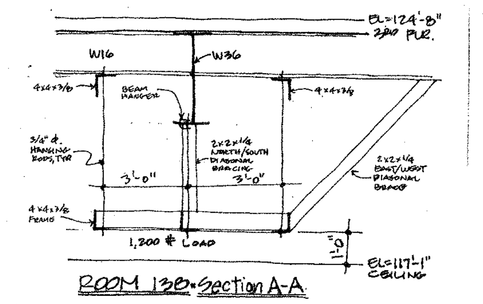
REFER TO DETAIL R/A-33, THIS PAGE, FOR SECTION B-B

PARTIAL FLOOR PLAN, SHEET S-16
N.T.S.

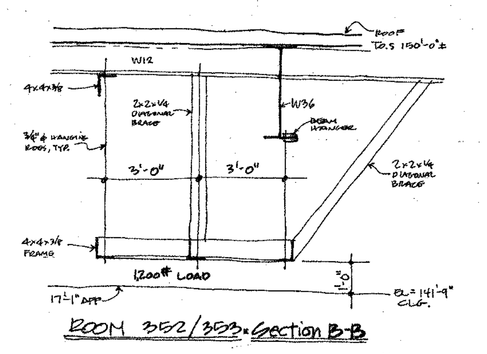
NO. R/A-32 (Bulletin No. 10)
DATE : 7/30/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



ROOM 138 - Section A-A



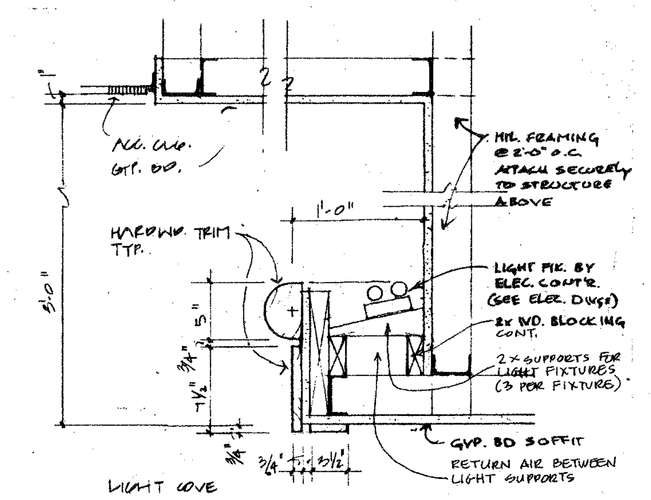
ROOM 352/353 - Section B-B

REFERENCE SHEETS A-17 + A-23

NO. R/A-33 (Bulletin No. 10)
DATE : 7/30/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



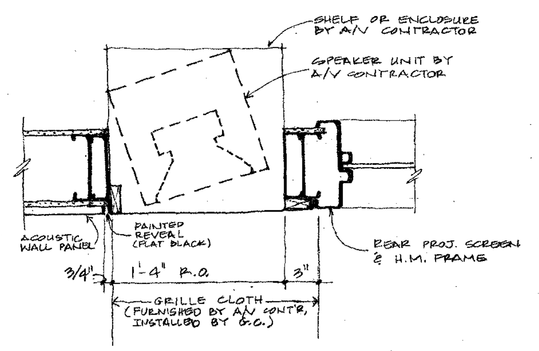
△ 1/A38 DETAIL
1½" = 1'-0"

REFERENCES SHEET A-38

NO. R/A-35 (SI-10)
DATE : 9/17/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



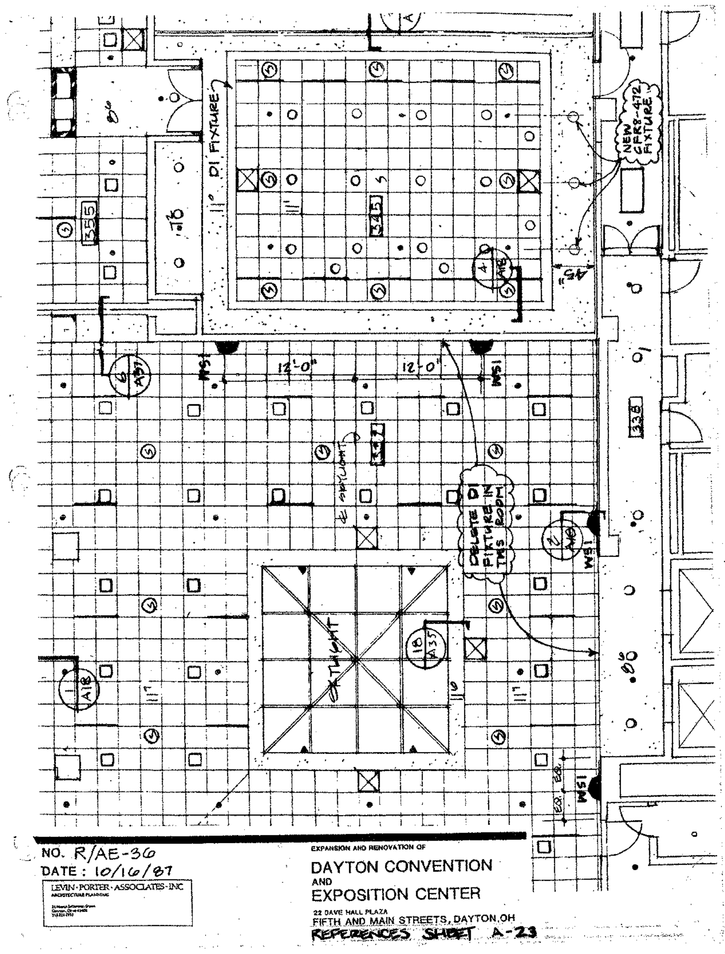
SECTION B
1½" = 1'-0"

REFERENCES DETAIL R/A-4

NO. R/A-40 (Bulletin No. 20)
DATE : 12/ /87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

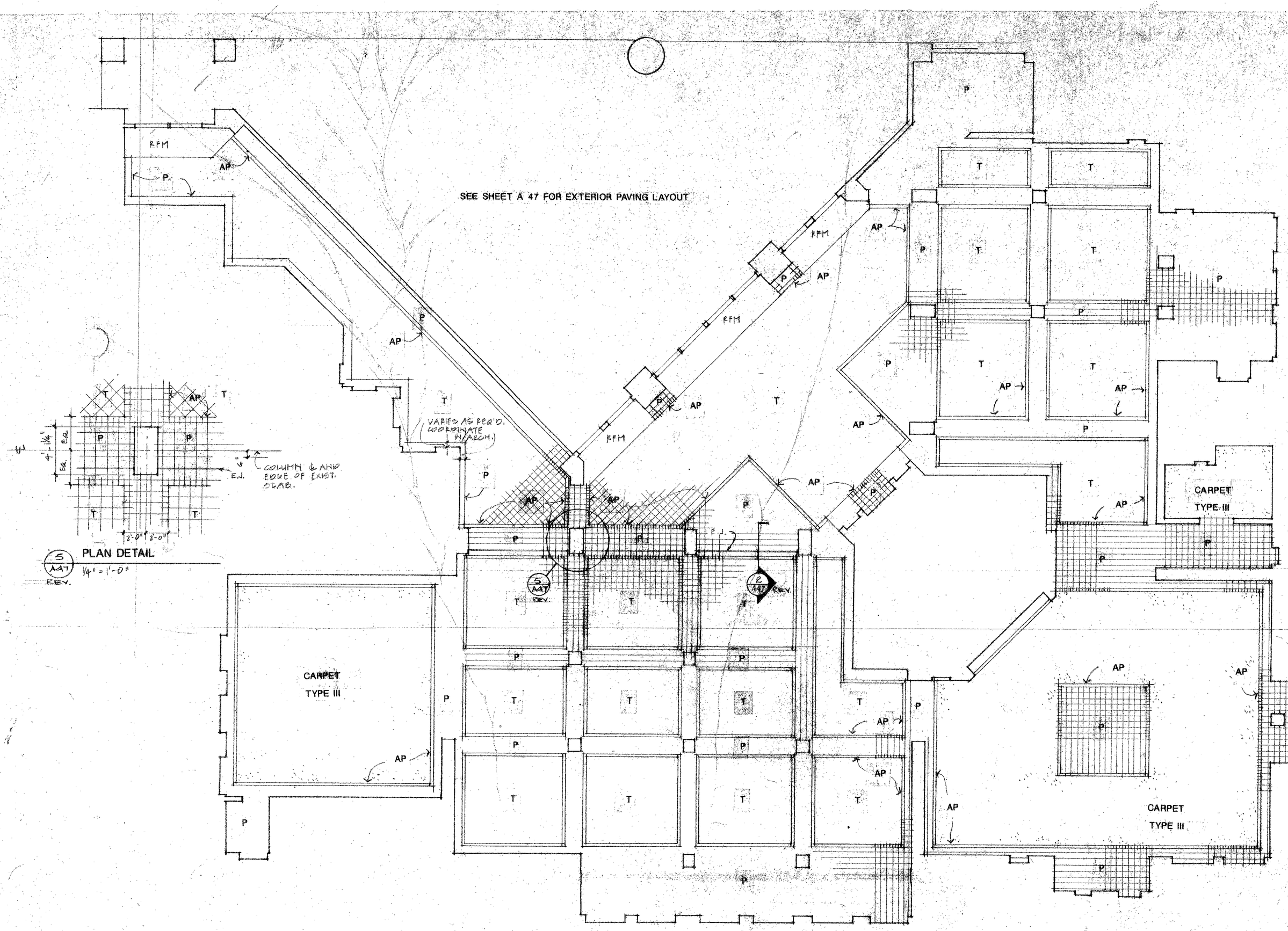


NO. R/AE-36
DATE : 10/16/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH
REFERENCES SHEET A-23

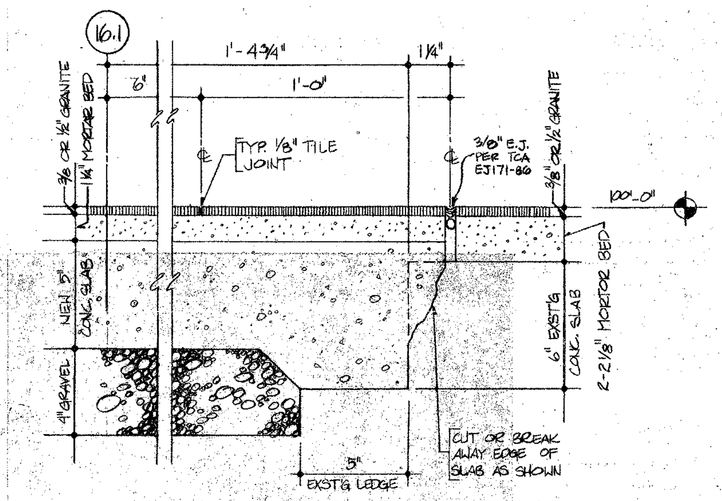
RECORD DRAWING-REVISION DETAILS



5 / A47 REV. PLAN DETAIL
1/4" = 1'-0"

COLOR 1 — T – 12" X 12" THERMAL FINISH GRANITE
P – 12" X 12" POLISHED GRANITE
COLOR 2 — AP – 6" X 6" ACCENT POLISHED GRANITE
RFM – RECESSED FLOOR MAT

4 / A47 REV. REVISED PAVING PLAN
1/8" = 1'-0"



2 / A47 SECTION (REVISED)
SCALE 3"=1'-0"
4/10/87 87411.00
1994B2 - W/ R-A21

NO. R/A-21
DATE : 4-6-87
LEVIN-PORTER-ASSOCIATES-INC ARCHITECTURE PLANNING
74 South Parkwood Street Pasadena, CA 91107 213 681 1771

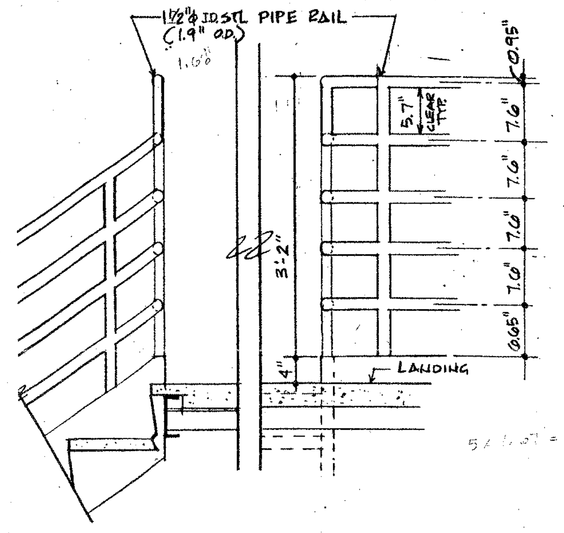
EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

THIS SHEET TO BE USED IN CONJUNCTION WITH DRAWING A 47

NO. R/A-21
DATE : 4/6/87
LEVIN-PORTER-ASSOCIATES-INC ARCHITECTURE PLANNING
74 South Parkwood Street Pasadena, CA 91107 213 681 1771

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

A53



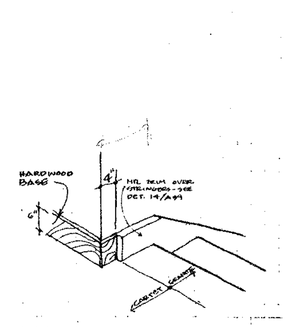
3 / A39 PIPE RAIL LANDING GUARD DETAIL
SCALE: 1"=1'-0"

REFERENCES SHEET A39

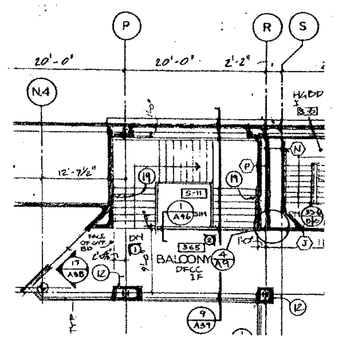
NO. C/A-1 (12)
DATE : 9/22/86

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

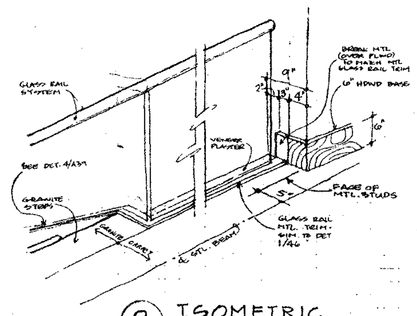
EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH



1 ISOMETRIC
NTS



PARTIAL 3RD FLR. PLAN
AREA "B"
NTS



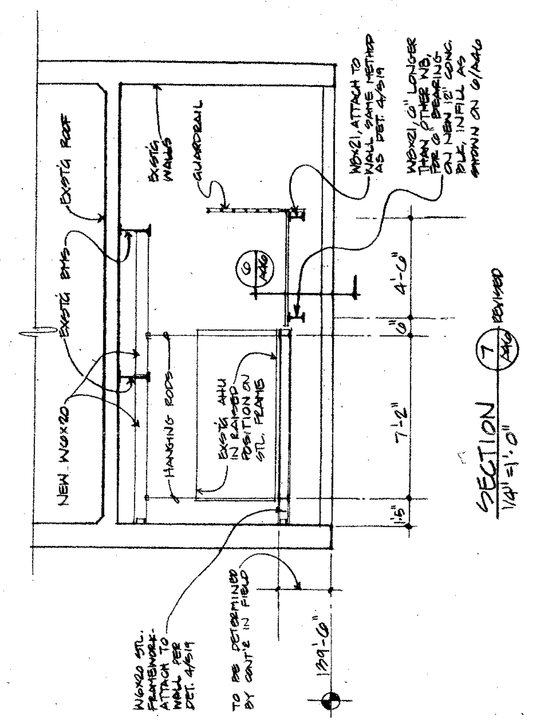
2 ISOMETRIC
NTS

REFERENCES SHEET A13

NO. C/A-2 (13)
DATE : 12-2-86

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

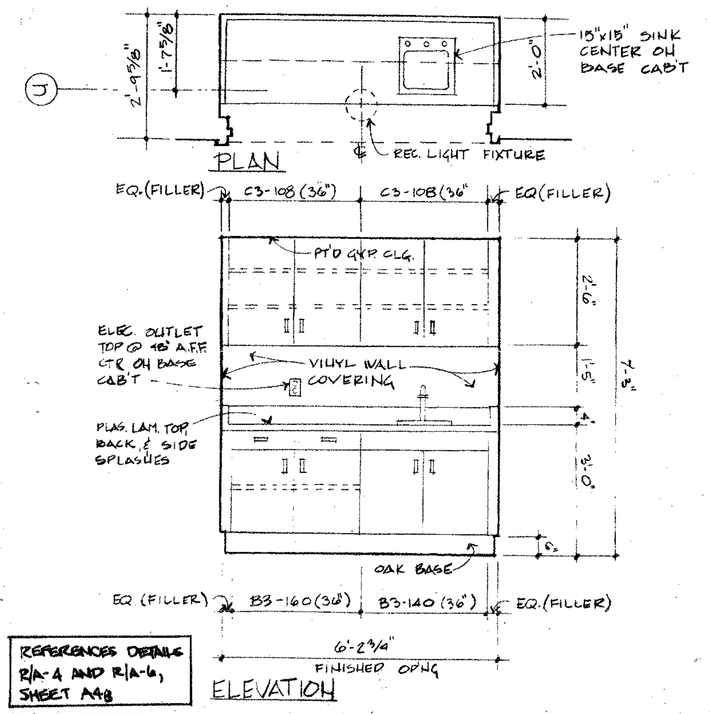


REFERENCES SHEET A44

NO. C/A-3 (51)
DATE : 11-26-86

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

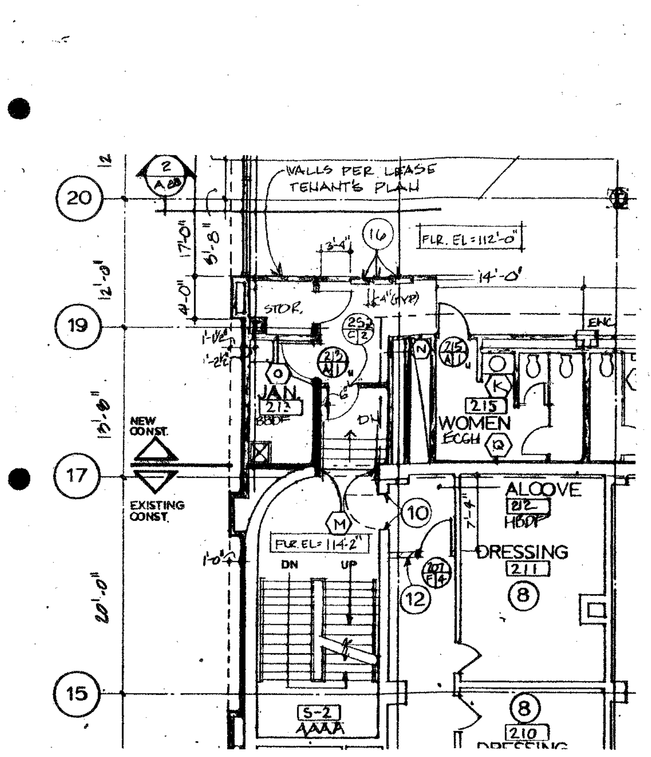


REFERENCES DETAILS R/A-4 AND R/A-6, SHEET A48

NO. C-A4 (52)
DATE :

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

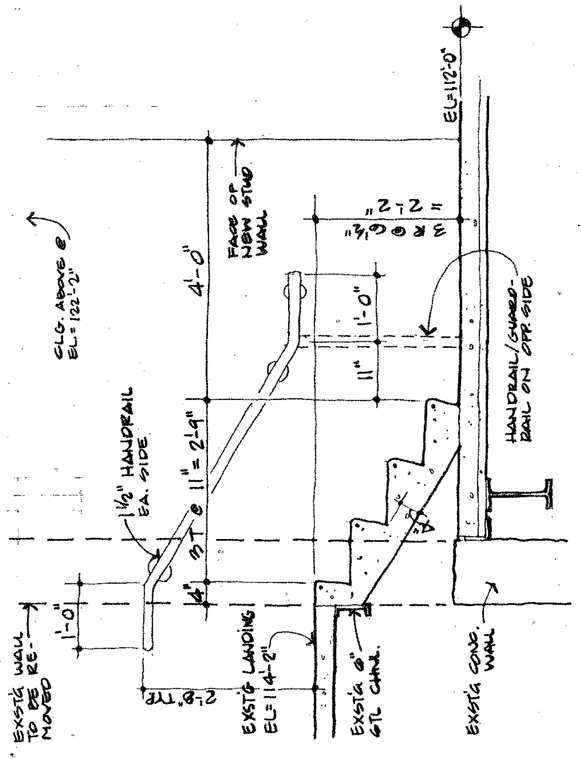


REFERENCES SHEET A10

NO. C-A5 (52)
DATE : 1/14/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

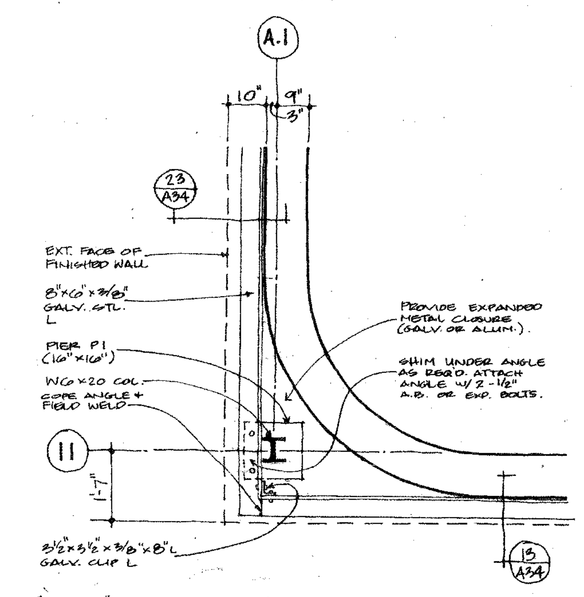


REFERENCES SHEET A10

NO. C-A6 (53)
DATE : 1/14/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

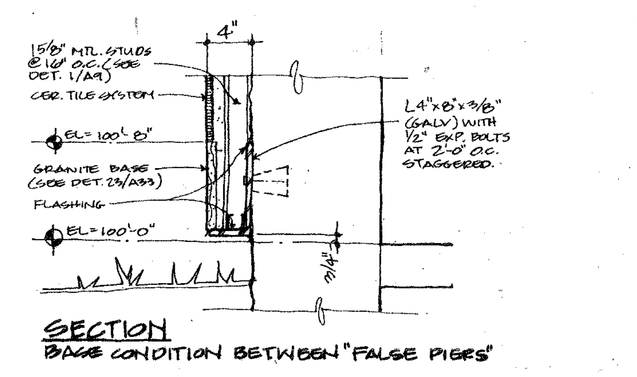


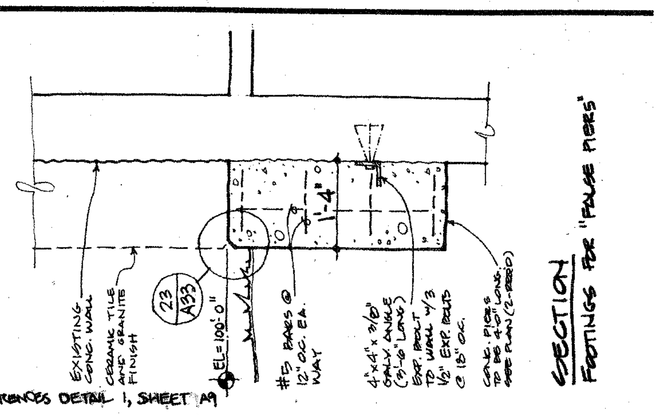
REFERENCES SHEET A10

NO. C-A7 (54)
DATE : 1/14/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH





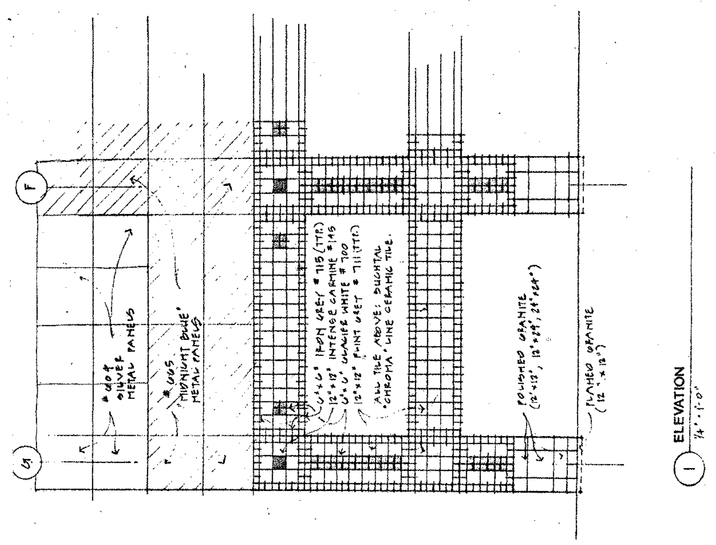
REFERENCES DETAIL 1, SHEET A9

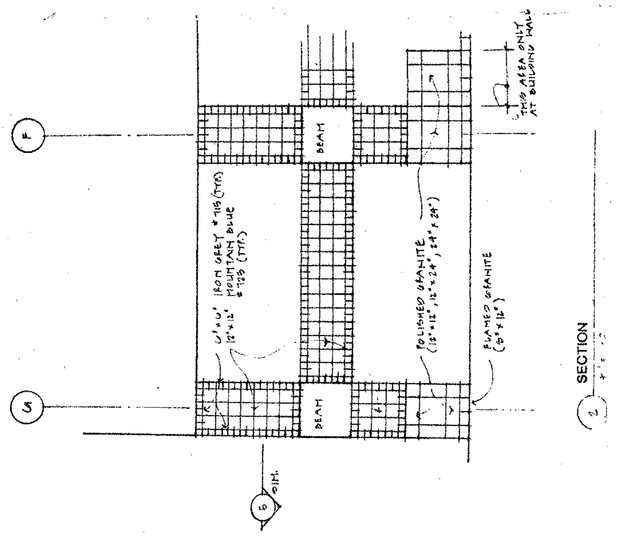
NO. C-A8 (55)
DATE : 1/14/87

LEVIN·PORTER·ASSOCIATES·INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

RECORD DRAWING-REVISION DETAILS

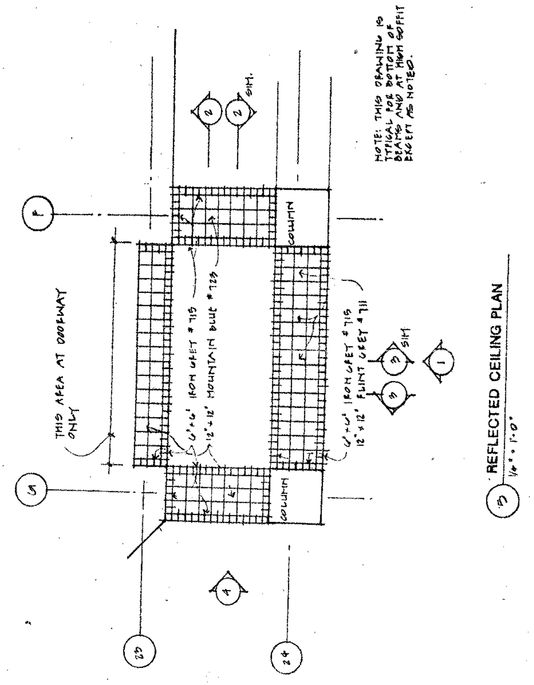




REFERENCES DETAIL 2/A-8, SHEET A49 AND DETAIL C/A-10, THIS SHEET

NO. C/A-9
DATE : 1/27/87
LEVIN-PORTER-ASSOCIATES-INC

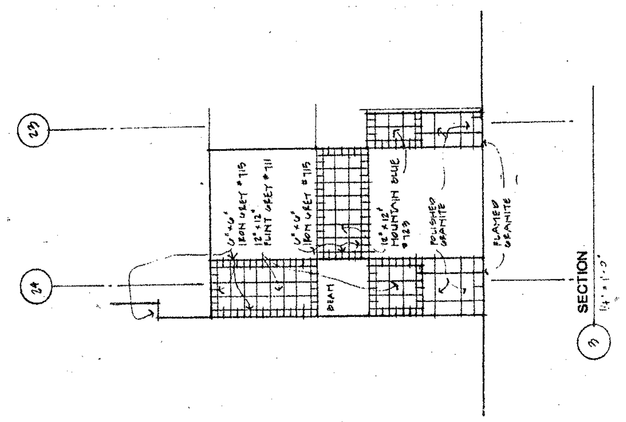
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER

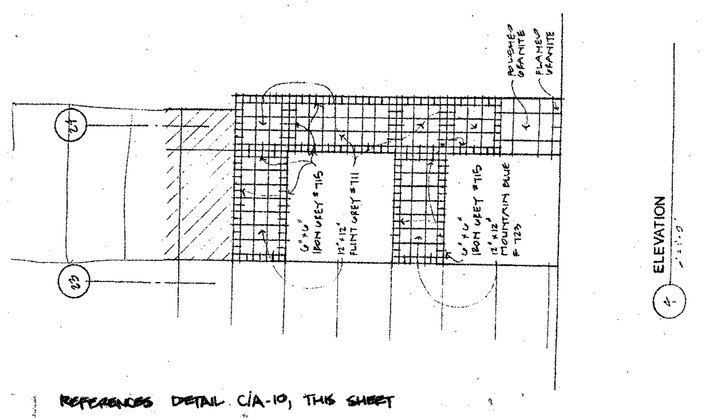


REFERENCES DETAIL C/A-9, THIS SHEET

NO. C/A-10
DATE : 1/27/87
LEVIN-PORTER-ASSOCIATES-INC

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER

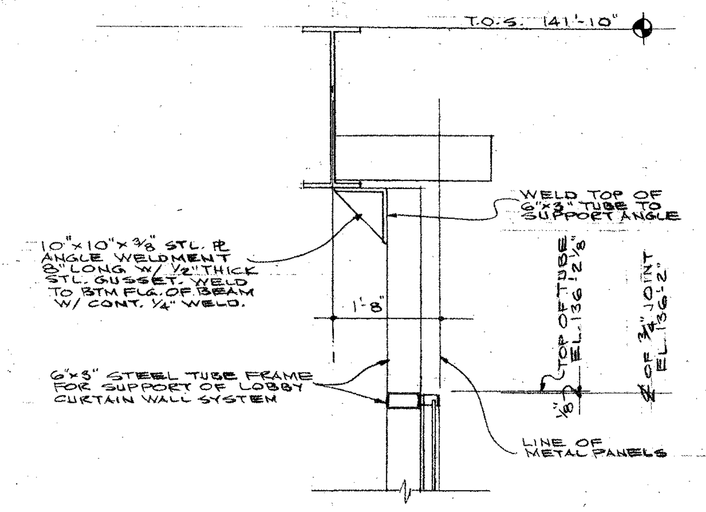




REFERENCES DETAIL C/A-10, THIS SHEET

NO. C/A-11
DATE : 1/27/87
LEVIN-PORTER-ASSOCIATES-INC

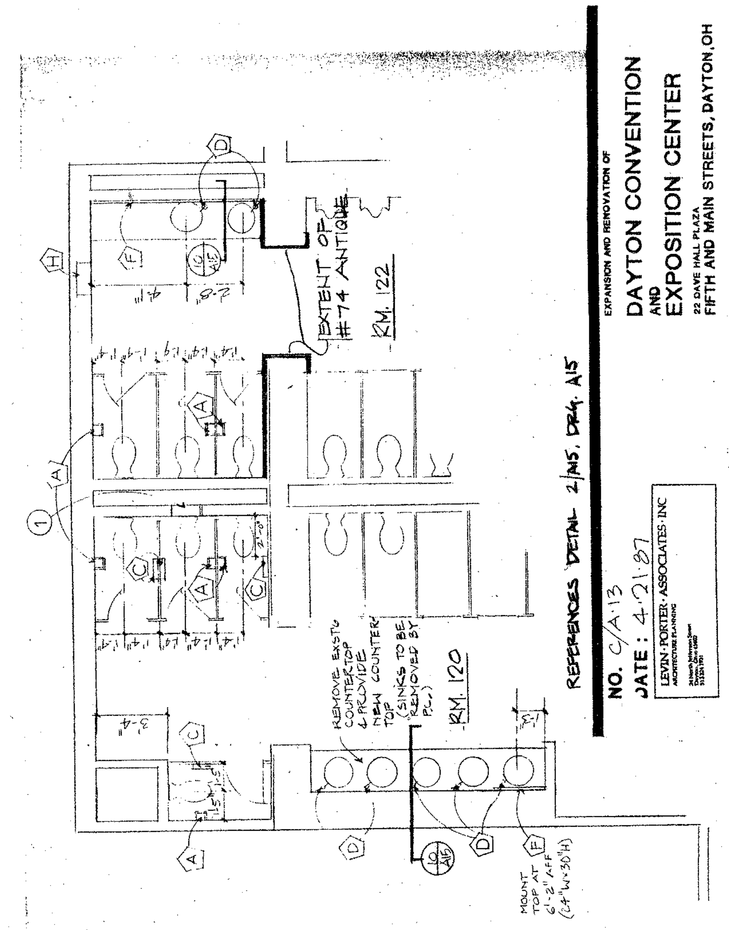
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER



REFERENCE DETAIL 7/A32, 9/A27, 10/A27
2/S18, 11/S18 3/4"=1'-0"

NO. C/A-12
DATE : 4/1/87
LEVIN-PORTER-ASSOCIATES-INC
ARCHITECTURE PLANNING

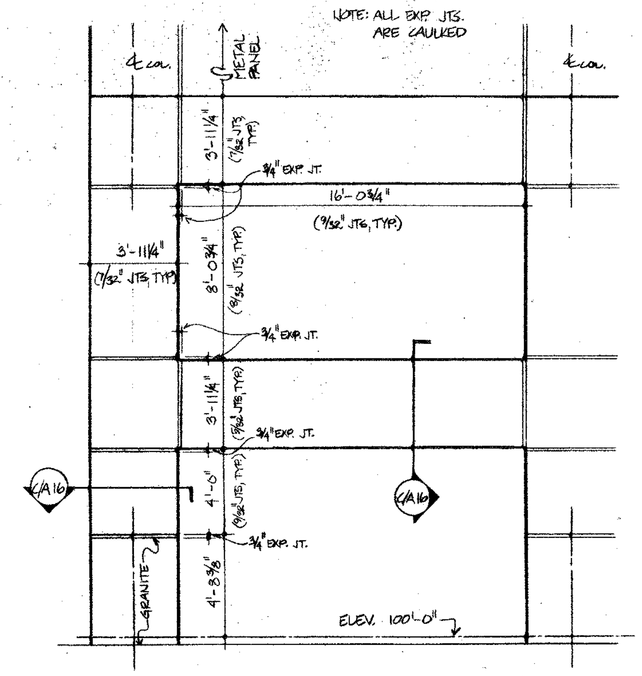
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



REFERENCES DETAIL 2/A15, DRAW. A15

NO. C/A-13
DATE : 4/21/87
LEVIN-PORTER-ASSOCIATES-INC

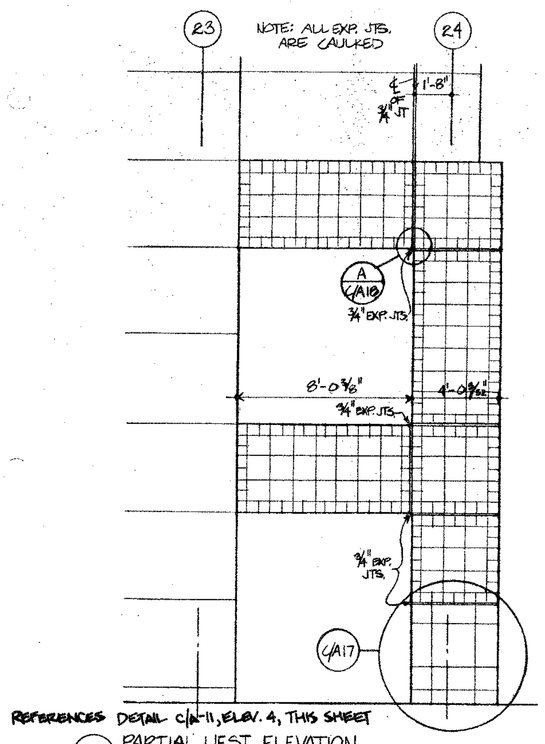
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



C/A14 PARTIAL NORTH ELEVATION
1/4"=1'-0"
NOTE: ALL DIMENSIONS ARE TO FACE OF FINISH MATERIAL
REFERENCES DETAIL C/A-9, ELEV. 1, THIS SHEET

NO. C/A-14 (SI-6)
DATE : 13 MAY 87
LEVIN-PORTER-ASSOCIATES-INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

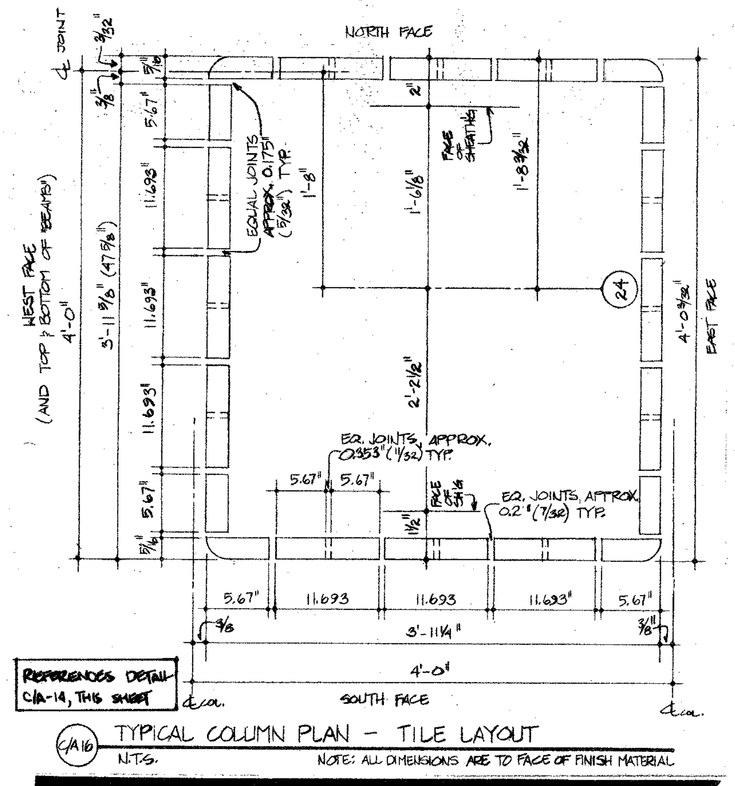


REFERENCES DETAIL C/A-11, ELEV. 4, THIS SHEET

C/A15 PARTIAL WEST ELEVATION
1/4"=1'-0"
NOTE ALL DIMENSIONS ARE TO FACE OF FINISH MATERIAL

NO. C/A-15 (SI-6)
DATE : 13 MAY 87
LEVIN-PORTER-ASSOCIATES-INC
ARCHITECTURE PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

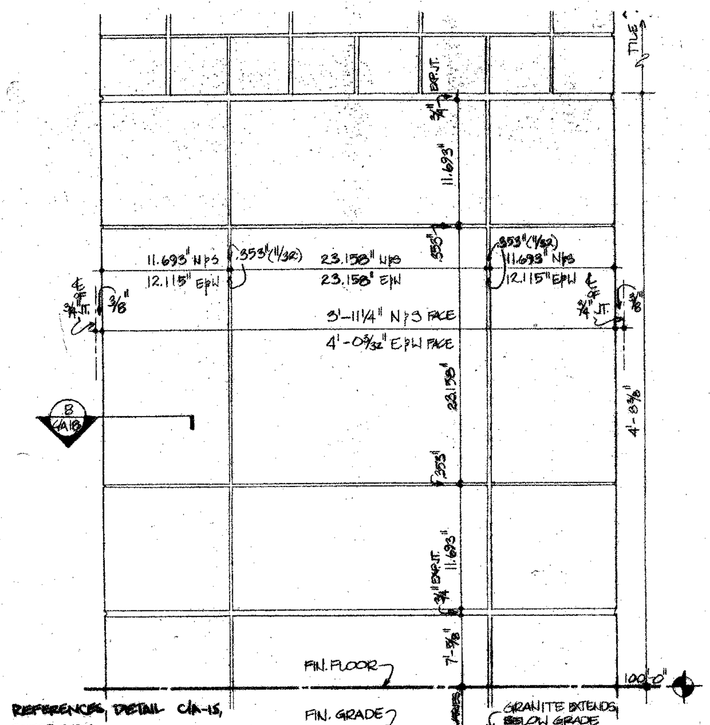


C/A16 TYPICAL COLUMN PLAN - TILE LAYOUT
N.T.S.
NOTE: ALL DIMENSIONS ARE TO FACE OF FINISH MATERIAL

NO. C/A-16 (SI-6)
DATE : 13 MAY 87
LEVIN-PORTER-ASSOCIATES-INC
ARCHITECTURE PLANNING

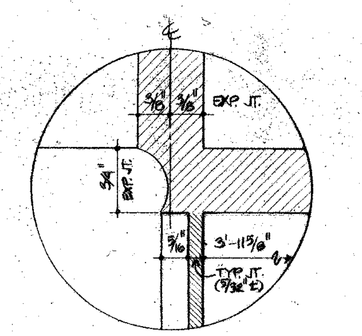
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

RECORD DRAWING-REVISION DETAILS

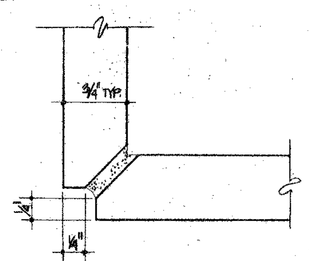


(C/A17) ELEVATION DETAIL – GRANITE WAINSCOT (N'LY FACE SHOWN)
N.T.S.

NOTE: ALL DIMENSIONS ARE TO FACE OF FINISH MATERIAL



(A) ELEVATION DETAIL
FULL SCALE

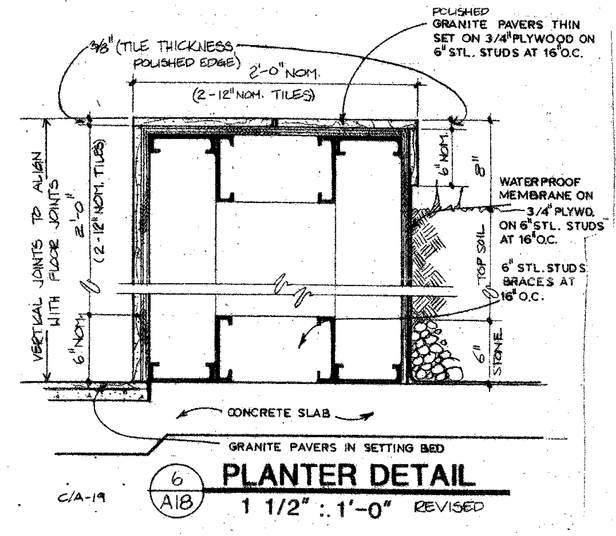


(B) GRANITE BASE- SECTION DETAIL
FULL SCALE

(C/A18) DETAILS

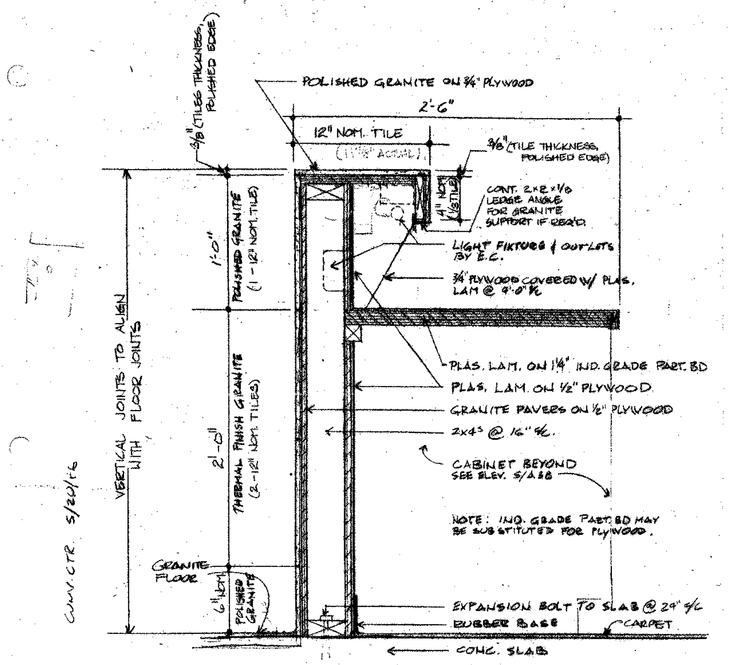
REFERENCES DETAIL C/A-17, THIS SHEET AND DETAIL C/A-15, SHEET A25

NOTE: ALL DIMENSIONS ARE TO FACE OF FINISH MATERIAL



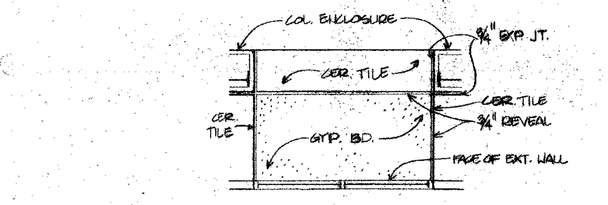
C/A-19 (6 A18) PLANTER DETAIL
1 1/2" : 1'-0" REVISED

REFERENCES SHEET A18

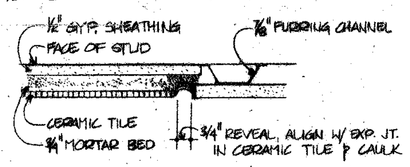


C/A-20 (10 A36) REGISTRATION COUNTER DETAIL
1 1/2" : 1'-0" REVISED 4/23/87

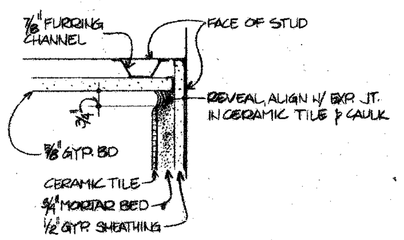
REFERENCES SHEET A36



PARTIAL REFLECTED CEILING PLAN
SCALE: ⅛" = 1'-0"

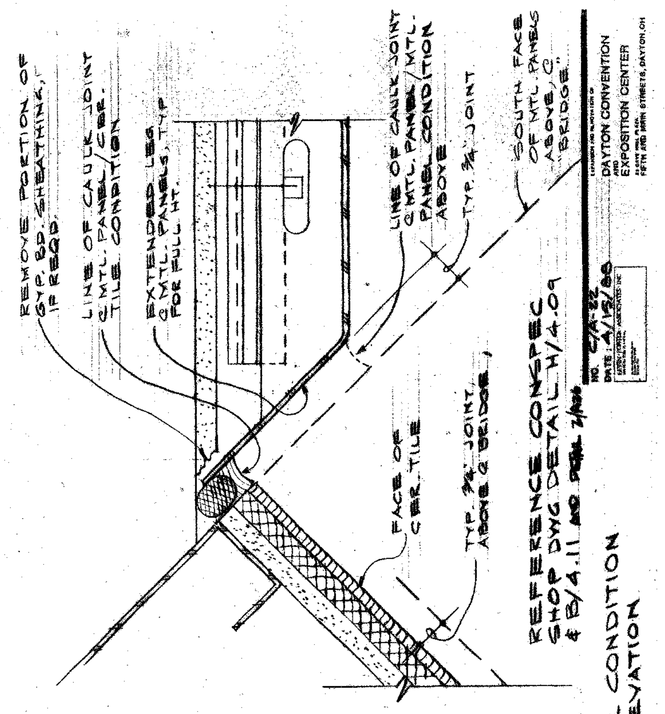


SECTION
SCALE: 3" = 1'-0"



REFERENCES SHEET A21

SECTION
SCALE: 3" = 1'-0"



METAL PANEL CONDITION @ NORTH ELEVATION

NO. C/A-17 (SI-6)
DATE : 13 MAY 87
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

NO. C/A-18 (SI-6)
DATE : 13 MAY 87
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

NO. C/A-19 (SI-6)
DATE : 13 MAY 87
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

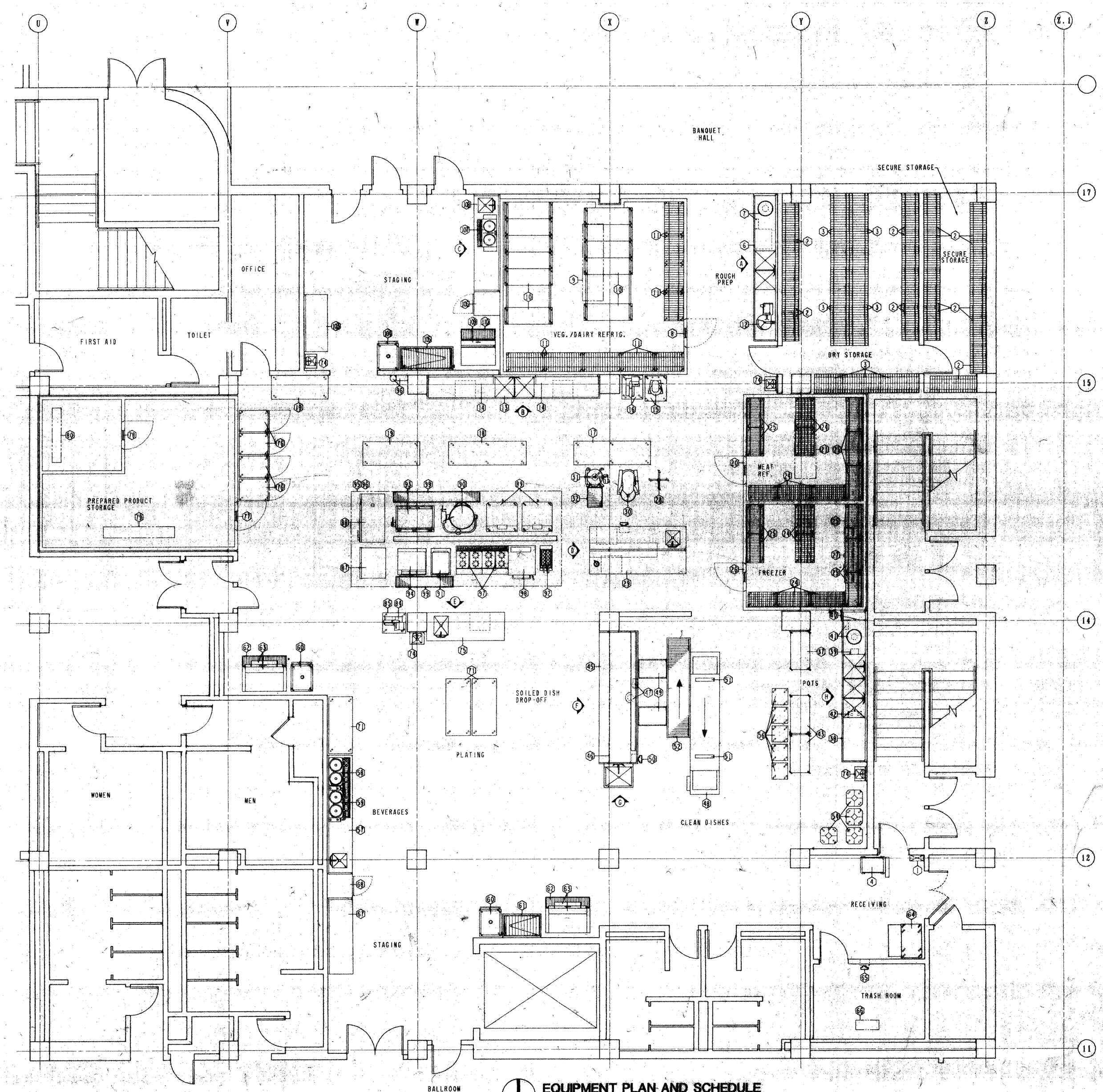
NO. C/A-20 (SI-6)
DATE : 13 MAY 87
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA

NO. C/A-21 (SI-7)
DATE : 21 MAY 87
LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

RECORD DRAWING–REVISION DETAILS

EQUIPMENT SCHEDULE

ITEM NO.	QUANTITY	DESCRIPTION	REMARKS
1	1 EA.	BUG ELECTROCUTER	
2	1 LOT	DRY STORAGE SHELVING	
3	11 EA	DUNNAGE RACKS	
4	1 EA.	RECEIVING SCALE	
5	--	SPARE NUMBER	
6	1 EA.	WORK TABLE WITH SINK	
7	1 EA.	DISPOSER WITH CONTROL CENTER	
8	1 EA.	VEGETABLE/DAIRY WALK-IN REFRIGERATOR	
9	1 EA.	WALK-IN REFRIGERATION SYSTEM	
10	2 EA.	MOBILE SHELVING SYSTEMS	
11	9 EA.	DUNNAGE RACKS	
12	1 EA.	FOOD CUTTER	
13	1 EA.	PREPARATION TABLE WITH SINK	
14	2 EA.	OVER SHELVES	
15	1 EA.	20 QT. MIXER WITH STAND	
16	1 EA.	SLICER WITH STAND	
17	1 EA.	MOBILE WORK TABLE	
18	1 EA.	MOBILE WORK TABLE	
19	2 EA.	MOBILE TABLE	
20	1 EA.	MEAT WALK-IN REFRIGERATOR	
21	1 EA.	MEAT WALK-IN REFRIGERATION SYSTEM	
22	--	SPARE NUMBER	
23	--	SPARE NUMBER	
24	10 EA.	MOBILE DUNNAGE RACKS	
25	10 EA.	MOBILE SHELVING	
26	1 EA.	WALK-IN FREEZER	
27	1 EA.	WALK-IN FREEZER REFRIGERATION SYSTEM	
28	1 EA.	MIXER ACCESSORY RACK	
29	1 EA.	WORK TABLE WITH SINK AND OVERSHELF	
30	1 EA.	80 QT. MIXER	
31	1 EA.	VERTICAL CUTTER/MIXER	
32	1 EA.	FLOOR TROUGH AND GRATE	
33	--	SPARE NUMBER	
34	--	SPARE NUMBER	
35	--	SPARE NUMBER	
36	--	SPARE NUMBER	
37	1 EA.	SOILED POT SHELVING	
38	1 EA.	THREE COMPARTMENT POT SINK	
39	1 EA.	WATER AGITATOR	
40	1 EA.	POT SCRUBBER	
41	1 EA.	DISPOSER WITH CONTROL CENTER	
42	1 EA.	SINK SANITIZER	
43	2 EA.	MOBILE SHELVING	
44	--	SPARE NUMBER	
45	1 EA.	SOILED DISH TABLE	
46	1 EA.	RACK OVERSHELF	
47	1 EA.	DISPOSER WITH CONTROL CENTER	
48	1 EA.	DISHMACHINE	
49	2 EA.	BRIDGES	
50	1 EA.	HOSE STATION	
51	2 EA.	VENT DUCT RISERS	
52	1 EA.	DISH CONVEYOR	
53	--	SPARE NUMBER	
54	15 EA.	POWER CHILD DISH DOLLIES	
55	--	SPARE NUMBER	
56	10 EA.	GLASS RACK DOLLIES	NOT SHOWN
57	1 EA.	BEVERAGE COUNTER	
58	1 EA.	COFFEE URN	
59	1 EA.	COFFEE HOLDING URN	
60	4 EA.	MOBILE ICE BINS	(2 NOT SHOWN)
61	1 EA.	WATER GLASS FILLER STATION	
62	2 EA.	FLOOR TROUGH	
63	2 EA.	ICE MACHINE	
64	1 EA.	COMPACTOR	
65	1 EA.	HOSE STATION	
66	1 EA.	TRASH ROOM REFRIGERATION SYSTEM	
67	1 EA.	SERVERS STATION	
68	1 EA.	REACH-IN REFRIGERATOR	
69	--	SPARE NUMBER	
70	--	SPARE NUMBER	
71	3 EA.	MOBILE TABLE	
72	--	SPARE NUMBER	
73	--	SPARE NUMBER	
74	4 EA.	HAND SINK	
75	1 EA.	WORK TABLE WITH SINK	
76	4 EA.	MOBILE COOK-N-HOLD OVENS	
77	1 EA.	PREPARED PRODUCT WALK-IN REFRIGERATOR	
78	1 EA.	PREPARED PRODUCT WALK-IN FREEZER	
79	1 EA.	WALK-IN REFRIGERATOR REFRIGERATION SYSTEM	
80	1 EA.	WALK-IN FREEZER REFRIGERATION SYSTEM	
81	--	SPARE NUMBER	
82	--	SPARE NUMBER	
83	--	SPARE NUMBER	
84	1 EA.	SLICER	NOT SHOWN
85	1 EA.	MOBILE SLICER STAND	NOT SHOWN
86	5 EA.	MOBILE HEATED CABINETS	NOT SHOWN
87	1 EA.	HEATED HOLDING CABINET	
88	1 EA.	ROLL-IN OVEN	
89	2 EA.	DOUBLE-DECK CONVECTION OVENS	
90	1 EA.	60-GALLON TILTING KETTLE	
91	1 EA.	TWO-COMPARTMENT CONVECTION STEAMER	
92	1 EA.	DEEP FAT FRYER	
93	1 EA.	TILTING BRAISING PAN	
94	1 EA.	PRESSURE STEAMER	
95	1 EA.	VENTILATOR	
96	1 EA.	FIRE SUPPRESSION SYSTEM	
97	2 EA.	FOUR-BURNER RANGE	
98	1 EA.	BROILER	
99	2 EA.	FLOOR TROUGH AND GRATE	
100	6 EA.	HEATED/REFRIGERATED CARTS	NOT SHOWN
101	6 EA.	90-PLATE BANQUET CARTS	NOT SHOWN
102	6 EA.	160-PLATE BANQUET CARTS	NOT SHOWN
103	1 EA.	SERVERS STATION	
104	2 EA.	MOBILE ICE BINS	
105	1 EA.	WATER GLASS FILLER STATION	
106	1 EA.	REACH-IN REFRIGERATOR	
107	1 EA.	COFFEE URN	
108	1 EA.	BEVERAGE COUNTER	
109	1 EA.	ICE MACHINE	
110	1 EA.	FLOOR TROUGH AND GRATES	



EQUIPMENT PLAN AND SCHEDULE
1/4" : 1'-0"

PRINTING

REVISIONS

Cini-Little International, Inc.
Consultants in Foodservice and Lodging

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN • PORTER • ASSOCIATES • INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1931

DATE 6-9-86
DRAWN BY CAD/BA
CHECKED BY
PROJECT NO. 5791100

FS-1

ELECTRICAL NOTES

1. THIS DRAWING LOCATES ELECTRICAL POINTS OF CONNECTION FOR EACH ITEM OF FOOD SERVICE EQUIPMENT AND DOES NOT INDICATE UTILITY ROUGH-IN LOCATIONS. THE DESIGN OF SYSTEMS TO ACCOMMODATE THESE REQUIREMENTS IS THE RESPONSIBILITY OF OTHERS AND IS TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND MUST WITH THE APPROVAL OF ALL GOVERNING AUTHORITIES. LOCATIONS, SIZES, AND HEIGHTS ABOVE FLOOR ARE APPROXIMATELY AS THEY WILL OCCUR ON EQUIPMENT ITEMS SHOWN.
2. AT REMOTE FIRE CABLE PULL, ELECTRICAL TRADES TO PROVIDE EMPTY JUNCTION BOX AND CONDUIT CONCEALED IN WALL TO 6" ABOVE FINISHED CEILING. COORDINATE EXACT REQUIREMENTS WITH FOOD SERVICE EQUIPMENT TRADE.
3. CONDUIT AND WIRING BETWEEN ELECTRIC DEFROST UNIT COOLERS AND CONDENSING UNITS BY KITCHEN EQUIPMENT TRADE.
4. CONDUIT AND WIRING BETWEEN VENTILATORS, VENTILATOR ON/OFF SWITCH REMOTE FIRE SWITCH, AND EXHAUST FANS BY ELECTRICAL TRADE.
5. CONDUIT AND WIRING BETWEEN WALL SWITCH AND LIGHT FIXTURES INSTALLED IN VENTILATORS BY ELECTRICAL TRADE.
6. CONDUIT AND WIRING BETWEEN FUEL LINE SOLENOID SHUT-OFF VALVE, SHUNT-TRIP BREAKERS, CONTACTORS, AND FIRE PROTECTION SYSTEM BY ELECTRICAL TRADE.
   VENTILATORS AND FIRE PROTECTION SYSTEM FOR COOKING EQUIPMENT BENEATH THEM ARE BY MECHANICAL TRADE. VERIFY UTILITY REQUIREMENTS WITH MECHANICAL ENGINEER.
7. UTILITIES SHOWN ARE FOR ITEMS OF FOOD SERVICE EQUIPMENT ONLY AND THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE ELECTRICAL DRAWINGS FOR OTHER REQUIRED UTILITIES.
8. UTILITIES ARE TO BE CONCEALED IN WALLS AND STUBBED OUT OF WALLS. DO NOT STUB OUT OF FLOOR AND RUN EXPOSED ON THE FACE OF THE WALL.
9. VENTILATOR CONTROLS AND FIRE AND PROTECTION SYSTEMS EACH REQUIRE EMERGENCY (24 HOUR) SEPARATE CIRCUIT ELECTRICAL SERVICE.
10. ELECTRICAL COMPONENTS MUST NOT INTERFERE WITH THE OPERATION OF THE ITEMS OF FOOD SERVICE EQUIPMENT.
11. ANY AND ALL EXPOSED CONDUIT TO BE STAINLESS STEEL, CHROME-PLATED OR ENCLOSED IN CONCEALED, MOUNTED STAINLESS STEEL CHASE.
12. LIGHTS IN VENTILATORS WILL BE PRE-WIRED TO A JUNCTION BOX ON EACH VENTILATOR SECTION. ELECTRICAL TRADE TO INTERWIRE VENTILATOR SECTIONS AND WIRE TO LIGHT SWITCH IN VENTILATOR CONTROL.

ELECTRICAL ABBREVIATIONS AND SYMBOLS

SWITCH	SW	$
ELECTRICAL CONNECTION	EC	■
JUNCTION BOX	JB	■
SINGLE RECEPTACLE	SR	■
DUPLEX RECEPTACLE	DR	■
AMP	A	
KILOWATT	KW	
HORSEPOWER	HP	
VOLT	V	
PHASE	Ø	
ABOVE FINISHED FLOOR	AFF	
DOWN FROM ABOVE	DFA	

REFRIGERATION NOTES

NOTE D: INTERWIRE LIQUID LINE SOLENOID VALVE WITH TIME CLOCK
NOTE E: LIQUID LINE SOLENOID VALVE
NOTE F: DISCONNECT SWITCH BY ELECTRICAL TRADE
NOTE G: POWER AND CONTROL WIRING BETWEEN COMPRESSOR AND JB ON TOP OF WALK-IN REFRIGERATOR BY KITCHEN EQUIPMENT TRADE
NOTE H: CONCEALED WIRING IN CONDUIT TO RECEPTACLE IN INTERIOR OF WALK-IN REFRIGERATOR BY KITCHEN EQUIPMENT TRADE
NOTE J: CONCEALED WIRING IN CONDUIT TO JB AT EVAPORATOR UNIT BY KITCHEN EQUIPMENT TRADE

REMOTE CONDENSING UNIT SCHEDULE

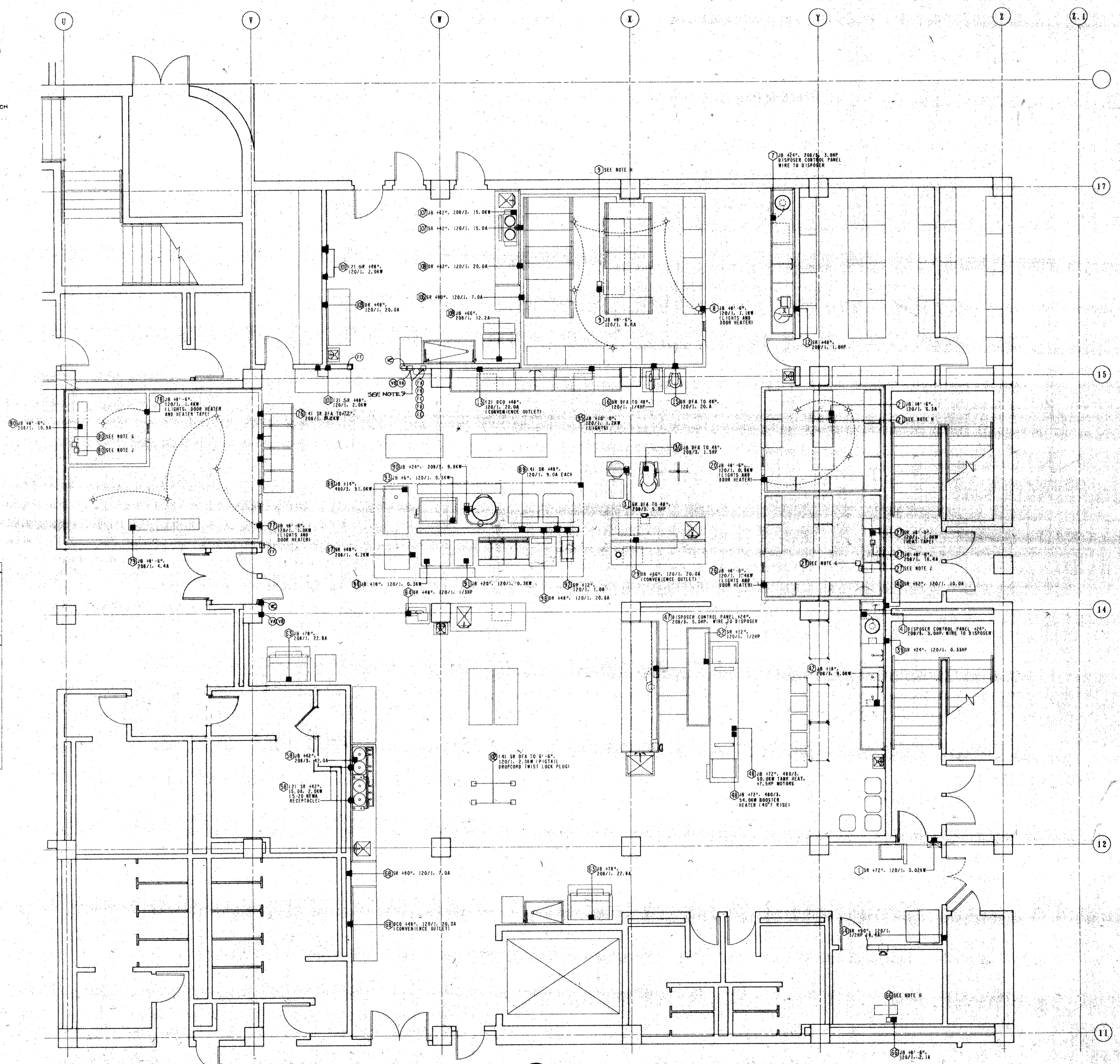
3	JB #24", 208/3, 15.3A, 3.0HP NOTE F NOTE E NOTE D	66	JB #60", 120/1, 9.1A, 0.5HP NOTE F NOTE E NOTE D
21	JB #60", 208/3, 7.6A, 1.5HP NOTE F NOTE E NOTE D	79	JB #24", 208/3, 15.3A, 3.0HP NOTE F NOTE E NOTE D
27	JB #24", 208/3, 14.1A, 3.0HP NOTE F NOTE E NOTE D	80	JB #60", 208/3, 8.1A, 2.0HP NOTE F NOTE E NOTE D

VENTILATOR NOTES (V)

V4	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN VENTILATOR ON/OFF SWITCH AND EXHAUST FAN MAGNETIC STARTER
V9	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN VENTILATOR ON/OFF SWITCH AND SUPPLY FAN MAGNETIC STARTER
VC	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN WALL SWITCH AND JB ON TOP OF VENTILATOR FOR LIGHTS

FIRE PROTECTION SYSTEM NOTES (FS)

F8	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND AUTOMAN RELEASE
F8	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND ELECTRICAL GAS SOLENOID SHUT-OFF VALVE
FS	WIRING IN CONDUIT BY ELECTRICAL TRADE TO SHUNT-TRIP BREAKER LOCATED IN POWER PANEL SUPPLYING EQUIPMENT BENEATH VENTILATOR
F9	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND CONTACTORS SERVING EQUIPMENT BENEATH VENTILATOR
F9	WIRING IN CONDUIT BY ELECTRICAL TRADE BETWEEN RESET RELAY AND BUILDING FIRE ALARM SYSTEM, AS REQUIRED
FT	FLUSH-MOUNT OCTAGONAL J-BOX, 48"AFF WITH 1/2"EMT TO 6"ABOVE CEILING BY ELECTRICAL TRADE FOR REMOTE CABLE PULL



ELECTRICAL SPOT CONNECTION PLAN
1/4" ; 1'-0"

PRINTING

REVISIONS

Cini-Little International, Inc. Consultants in Foodservice and Lodging

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN • PORTER • ASSOCIATES • INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513-224-1931

DATE 6-9-86
DRAWN BY CAB/RA
CHECKED BY
PROJECT NO. 3741.00

FS-2

MECHANICAL NOTES:

1. THIS DRAWING LOCATES MECHANICAL POINTS OF CONNECTION FOR EACH ITEM OF FOOD SERVICE EQUIPMENT AND DOES NOT INDICATE UTILITY ROUGH-IN LOCATIONS. THE DESIGN OF SYSTEMS TO ACCOMMODATE THESE REQUIREMENTS IS THE RESPONSIBILITY OF OTHERS AND IS TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND MEET WITH THE APPROVAL OF ALL GOVERNING AUTHORITIES. LOCATIONS, SIZES, AND HEIGHTS ABOVE FLOOR ARE APPROXIMATELY AS THEY WILL OCCUR ON EQUIPMENT ITEMS SHOWN.
2. SUPPLY LINES FOR ALL GAS COOKING EQUIPMENT ITEMS ARE TO BE FITTED WITH AN ELECTRICAL SOLENOID SHUT-OFF VALVE SUPPLIED AND INSTALLED BY MECHANICAL TRADES.
3. SERVICE SINKS, LAVATORIES, AND DRINKING FOUNTAINS ARE BY MECHANICAL TRADE. VERIFY UTILITY REQUIREMENTS WITH MECHANICAL ENGINEER.
4. MECHANICAL TRADE IS TO PROVIDE WATER- AND GREASE-PROOF EXHAUST DUCTS FROM VENT CONNECTIONS OF DISHWASHING MACHINES, EXHAUST HOODS, AND VENTILATORS.
5. ALL HORIZONTAL PIPING RUNS EXTENDED TO AND CONNECTED TO EQUIPMENT ITEMS SHALL BE AT THE HIGHEST PRACTICAL ELEVATION AND NOT LESS THAN 6" ABOVE THE FLOOR SO AS TO PROVIDE CLEARANCE FOR CLEANING.
6. UTILITIES ARE TO BE CONCEALED IN WALLS AND STUBBED OUT OF WALLS. DO NOT STUB OUT OF THE FLOOR AND RUN EXPOSED ON THE FACE OF THE WALL.
7. UTILITIES ARE FOR ITEMS OF FOOD SERVICE EQUIPMENT ONLY AND THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE MECHANICAL DRAWINGS FOR OTHER REQUIRED UTILITIES.
8. VENTILATE DRY FOOD STORAGE ROOMS TO PROVIDE A MAXIMUM AMBIENT TEMPERATURE OF 70°F. (27°C.)
9. GREASE TRAPS ARE TO BE RECESSED, FLUSH WITH TOP OF FINISHED FLOOR, AND REMOVAL OF COVER SHALL NOT INTERFERE WITH THE OPERATION OF EQUIPMENT ITEMS.
10. AT SERVICE PERIODS--BREAKFAST, LUNCH, AND DINNER-- ALL CONNECTED EQUIPMENT IN KITCHEN WILL BE OPERATING AT MAXIMUM OUTPUT. VENTILATE ACCORDINGLY.
11. VENTILATE REFRIGERATION MACHINERY ROOMS TO PROVIDE A MAXIMUM AMBIENT TEMPERATURE OF 90°F. (35°C.)
12. AIR-COOLED REFRIGERATION SYSTEMS ARE TO PROVIDED WITH A MINIMUM OF 1,000 CFM AIR SUPPLY PER HORSEPOWER AND ADEQUATE EXHAUST.
13. WATER-COOLED REFRIGERATION SYSTEMS ARE TO BE PROVIDED WITH A MINIMUM OF 1.5 GPM PER HORSEPOWER WATER SUPPLY AT 70°F. AND A MINIMUM OF 200 CFM PER HORSEPOWER AIR SUPPLY WITH ADEQUATE EXHAUST.
14. INDIRECT WASTES TO BE EXTENDED OVER BUILDING DRAINS BY FOOD SERVICE EQUIPMENT TRADE.
15. ANY AND ALL EXPOSED PIPING OR FITTINGS TO BE STAINLESS STEEL, CHROME-PLATED, OR ENCLOSED IN A CONCEALED, MOUNTED STAINLESS STEEL CHASE.

MECHANICAL ABBREVIATIONS AND SYMBOLS

GAS	G	●
BRITISH THERMAL UNIT (000'S)	MBTU	
HOT WATER	HW	●
COLD WATER	CW	●
COOLING WATER	CTW	●
COOLING WATER RETURN	CTWR	●
WASTE	W	●
INDIRECT WASTE	IW	●
FLOOR DRAIN	FD	○
FUNNEL FLOOR DRAIN	FFD	○
FLOOR SINK	FS	□
STEAM SUPPLY	SS	●
CONDENSATE RETURN	CR	●
GREASE TRAP	GT	
EXHAUST DUCT		
SUPPLY DUCT		
STATIC PRESSURE, WATER GAUGE	SPWG	
ABOVE FINISHED FLOOR	AFF	
DOWN FROM ABOVE	DFA	

FIRE PROTECTION SYSTEM NOTES (36)

(A) WET CHEMICAL PIPING TO CONNECTION AT VENTILATOR BY KITCHEN EQUIPMENT TRADE

REFRIGERATION NOTES

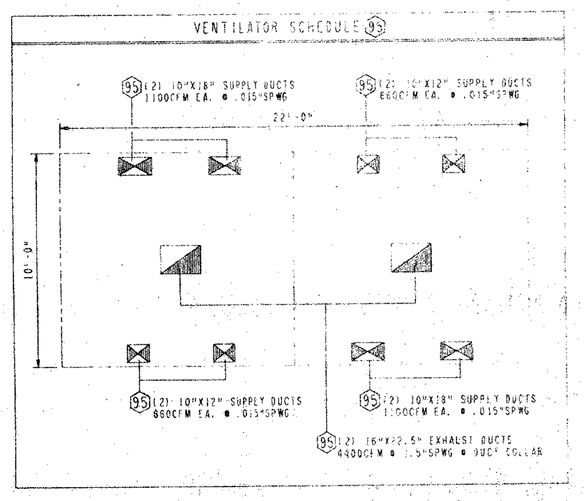
NOTE A: REFRIGERATION LINES TO CONDENSING UNIT, HORIZONTAL RUNS OF SUCTION LINE PITCHED TOWARD COMPRESSOR- MIN. 1/2" PER 10'-0"
NOTE B: LIQUID LINE SOLENOID VALVE
NOTE C: REFRIGERATION LINES TO EVAPORATOR UNIT

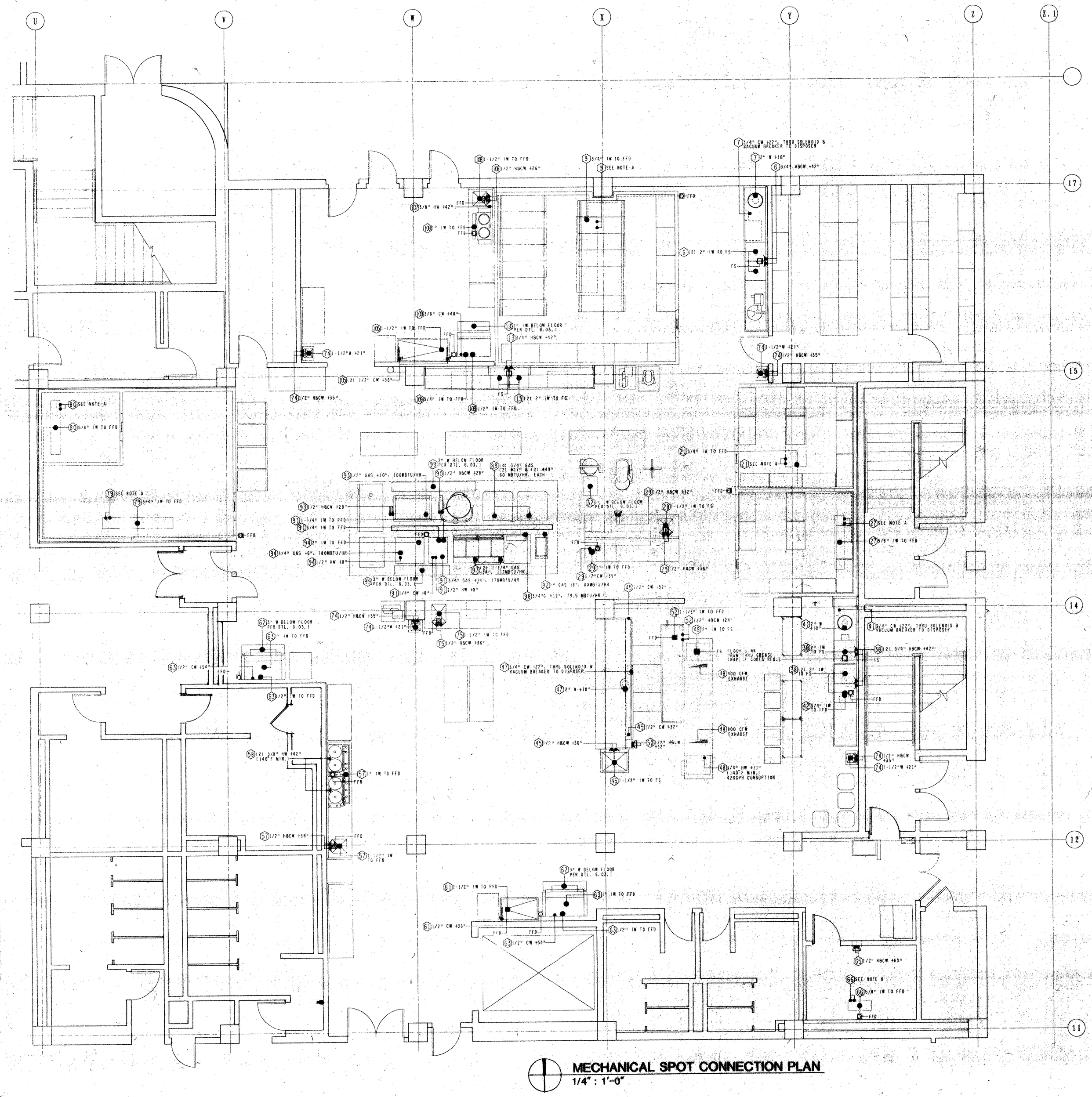
REMOTE CONDENSING UNIT SCHEDULE

(9)	NOTE C, NOTE B	(15)	NOTE C, NOTE B
(21)	NOTE C, NOTE B	(33)	NOTE C, NOTE B
(27)	NOTE C, NOTE B	(51)	NOTE C, NOTE B

NOTE: REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF REMOTE CONDENSERS.

VENTILATOR SCHEDULE (93)





MECHANICAL SPOT CONNECTION PLAN
1/4" : 1'-0"

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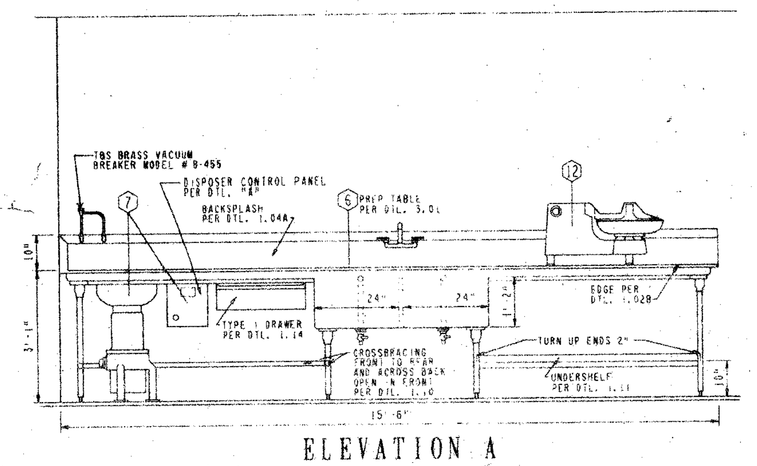
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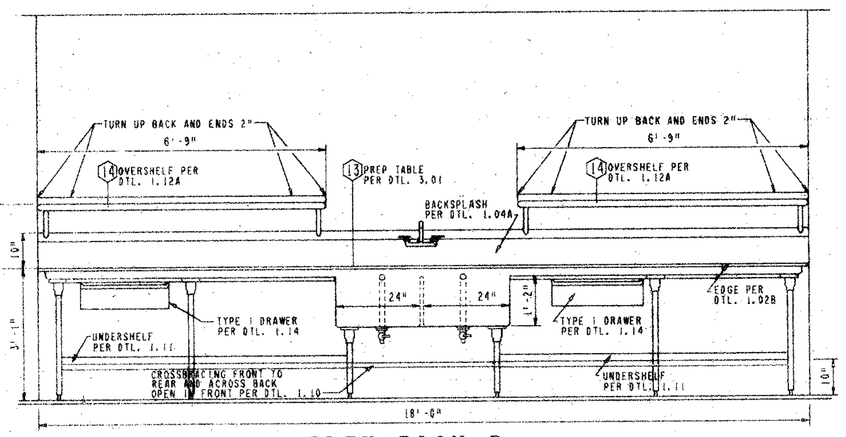
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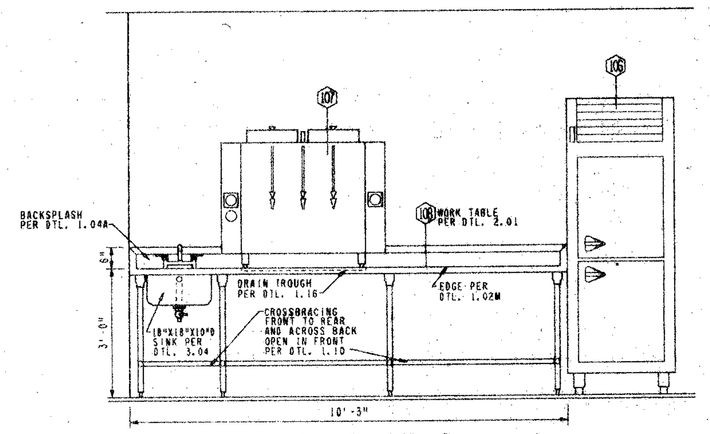
FS-3



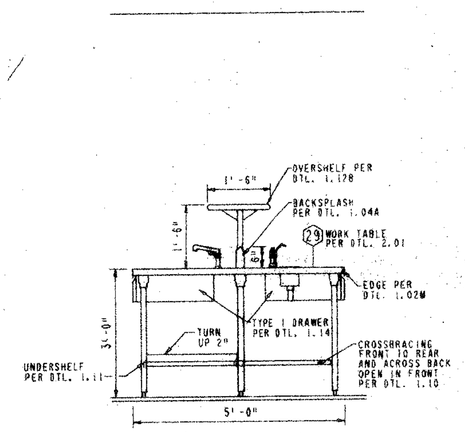
ELEVATION A



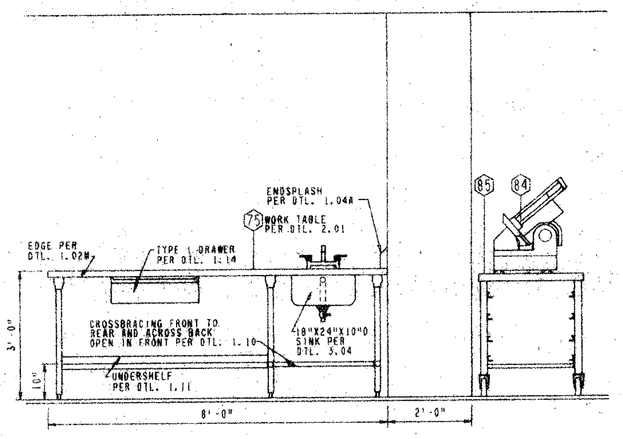
ELEVATION B



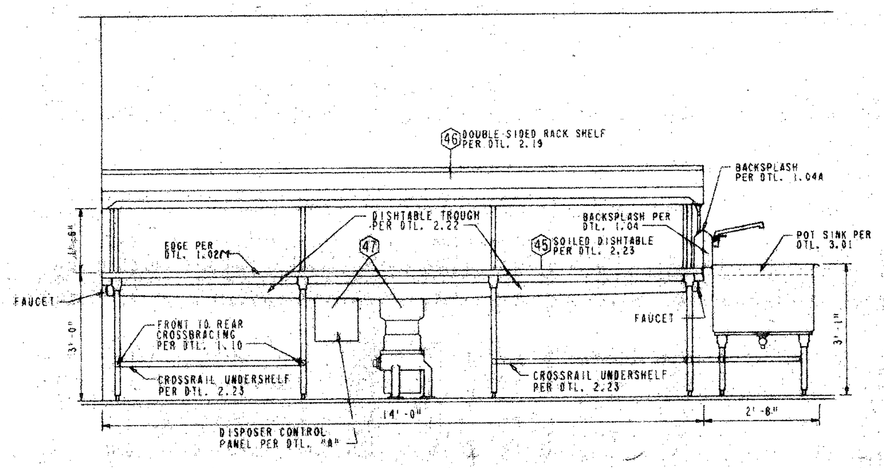
ELEVATION C



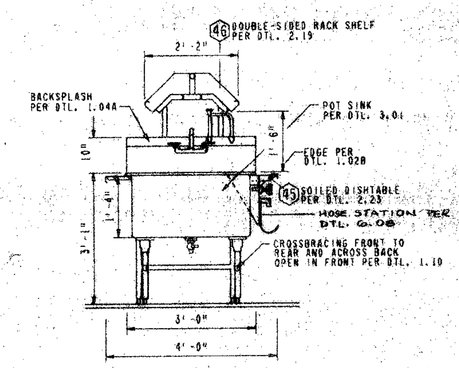
ELEVATION D



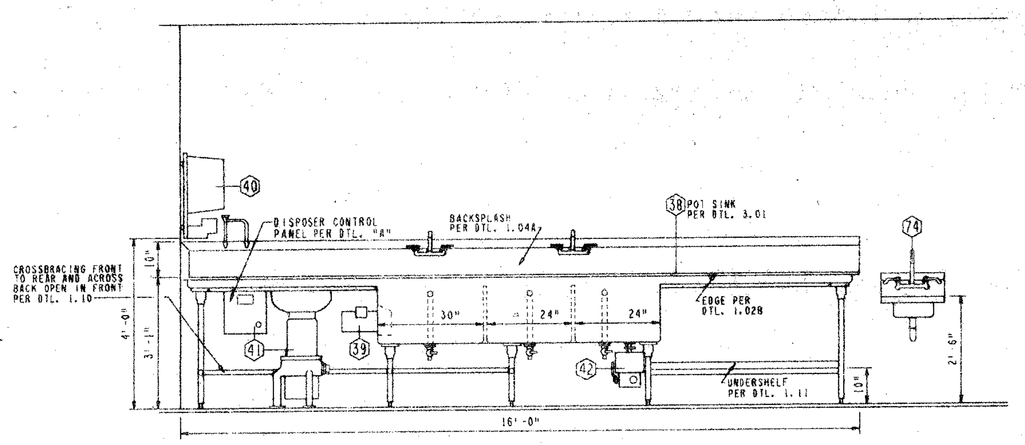
ELEVATION E



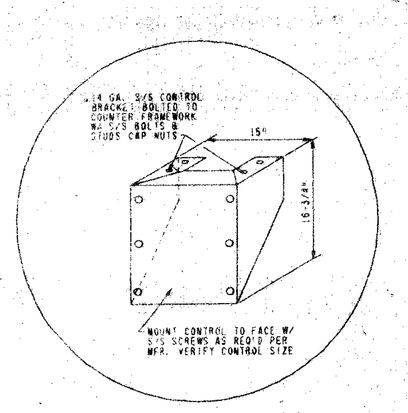
ELEVATION F



ELEVATION G



ELEVATION H



DISPOSER CONTROL PANEL
DETAIL A

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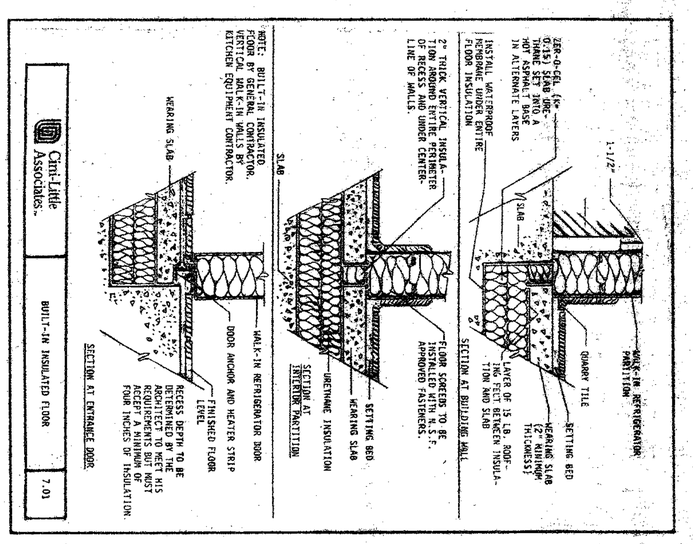
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BUILT-IN INSULATED FLOOR | 7.01

SPECIAL CONDITIONS PLAN

1/4" = 1'-0"

FS-5

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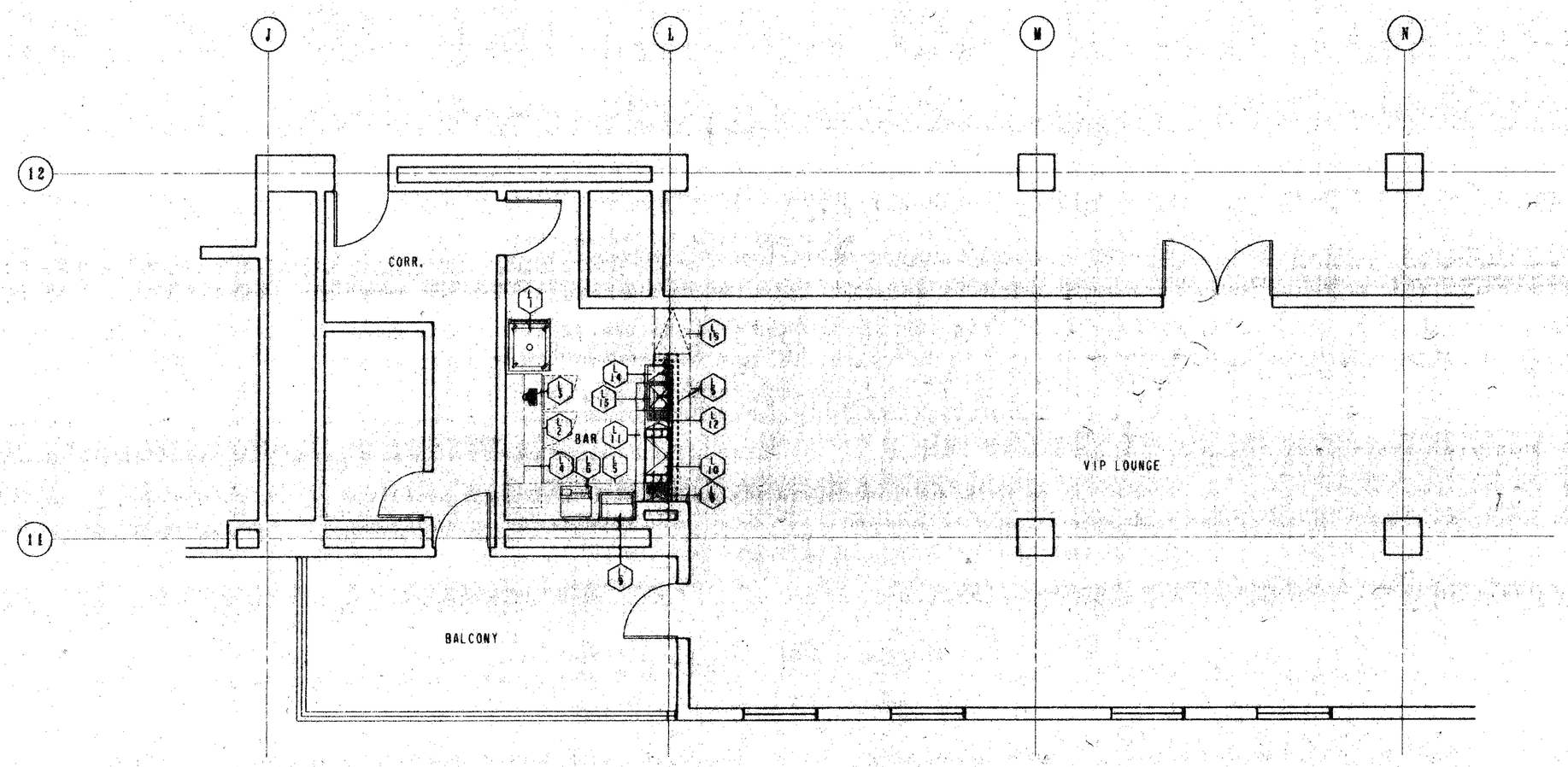
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EQUIPMENT PLAN AND SCHEDULE

1/4" = 1'-0" ROOM 333

EQUIPMENT SCHEDULE

ITEM NO.	QTY.	DESCRIPTION	REMARKS
L-1	1 EA.	MOBILE ICE BIN	
L-2	1 EA.	BACK BAR REFRIGERATOR	
L-3	1 EA.	BEER DISPENSER	
L-4	1 EA.	GLASS STORAGE SHELVES	N.I.K.E.C.
L-5	1 EA.	BAR TOP AND DIE	N.I.K.E.C.
L-6	1 EA.	CASH REGISTER	N.I.K.E.C.
L-7	--	SPARE NUMBER	
L-8	--	SPARE NUMBER	
L-9	2 EA.	GLASS STORAGE SHELVES	
L-10	1 EA.	COCKTAIL STATION	
L-11	1 EA.	SPEED RAIL	
L-12	1 EA.	WORK BOARD	
L-13	1 EA.	BLENDER STATION	
L-14	1 EA.	HAND SINK	*
L-15	1 EA.	LIFT GATE	N.I.K.E.C.

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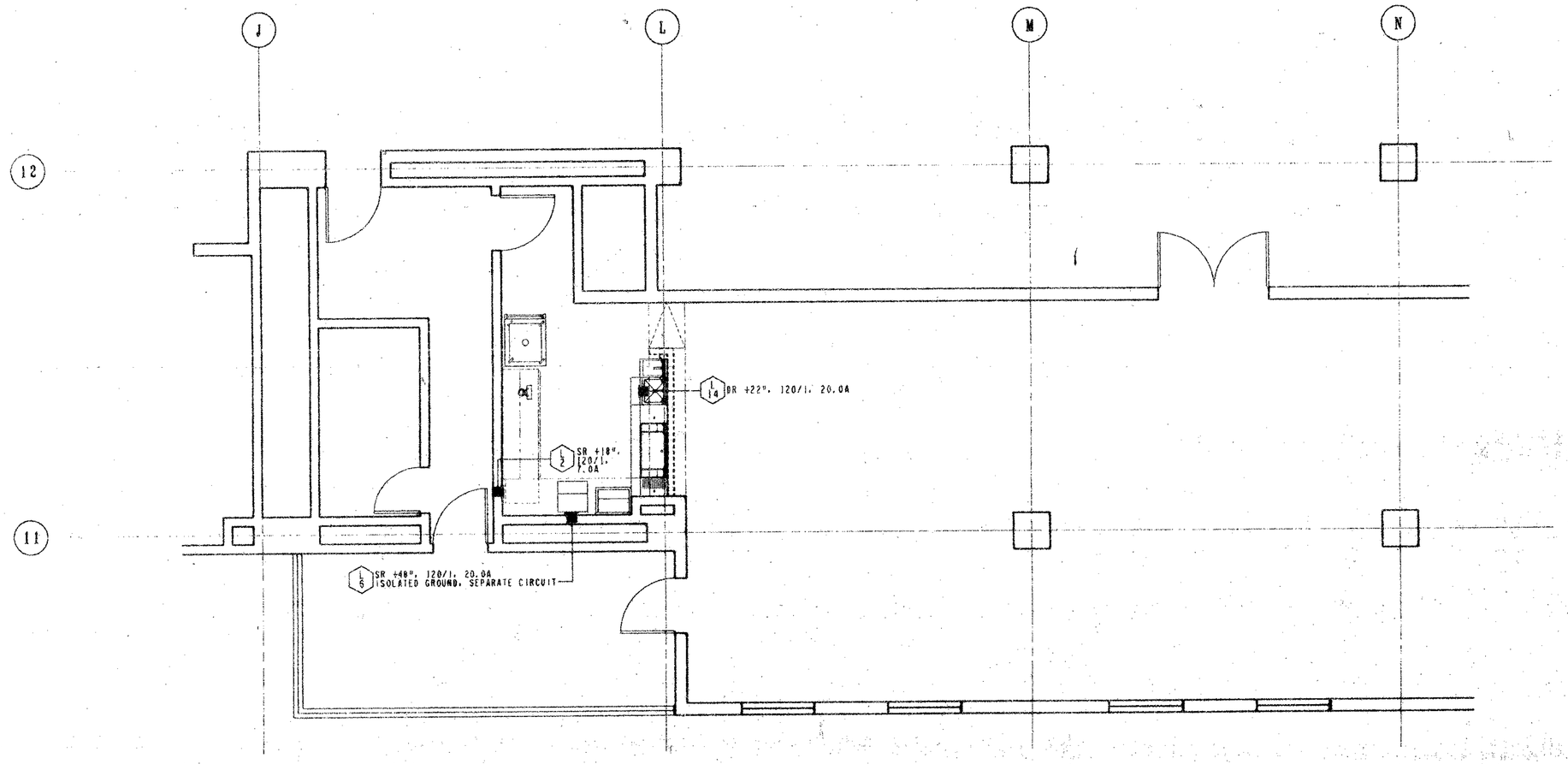
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FS-6



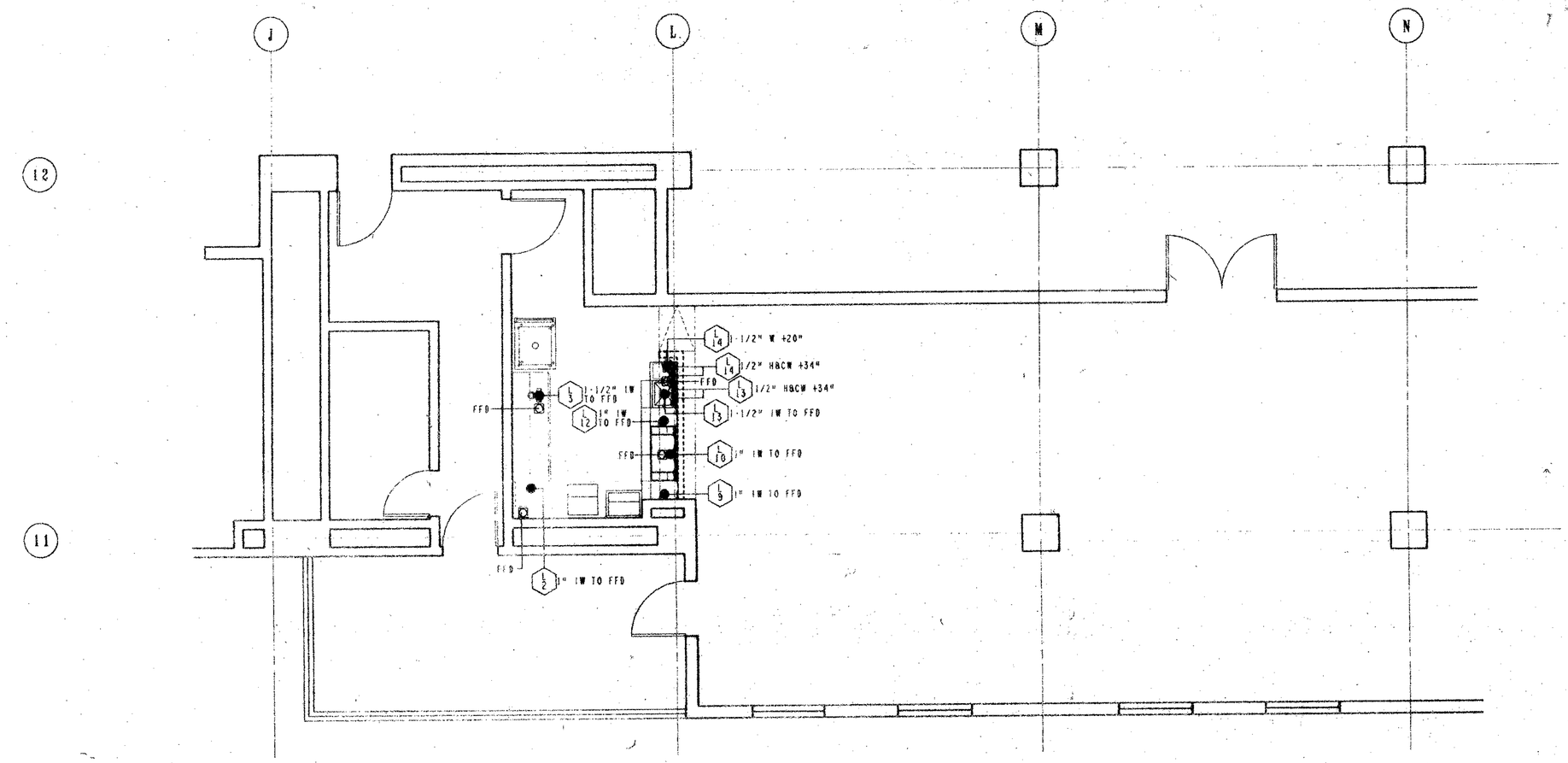
ELECT. SPOT CONNECTIONS
1/4" = 1'-0"

ELECTRICAL NOTES

1. THIS DRAWING LOCATES ELECTRICAL POINTS OF CONNECTION FOR EACH ITEM OF FOOD SERVICE EQUIPMENT AND DOES NOT INDICATE UTILITY ROUGH-IN LOCATIONS. THE DESIGN OF SYSTEMS TO ACCOMMODATE THESE REQUIREMENTS IS THE RESPONSIBILITY OF OTHERS AND IS TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND MEET WITH THE APPROVAL OF ALL GOVERNING AUTHORITIES. LOCATIONS, SIZES, AND HEIGHTS ABOVE FLOOR ARE APPROXIMATELY AS THEY WILL OCCUR ON EQUIPMENT ITEMS SHOWN.
2. UTILITIES SHOWN ARE FOR ITEMS OF FOOD SERVICE EQUIPMENT ONLY AND THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE ELECTRICAL DRAWINGS FOR OTHER REQUIRED UTILITIES.
3. UTILITIES ARE TO BE CONCEALED IN WALLS AND STUBBED OUT OF WALLS. DO NOT STUB OUT OF FLOOR AND RUN EXPOSED ON THE FACE OF THE WALL.
4. ELECTRICAL COMPONENTS MUST NOT INTERFERE WITH THE OPERATION OF THE ITEMS OF FOOD SERVICE EQUIPMENT.
5. ANY AND ALL EXPOSED CONDUIT TO BE STAINLESS STEEL, CHROME-PLATED OR ENCLOSED IN CONCEALED, MOUNTED STAINLESS STEEL CHASE.
6. PROVIDE COMPUTER GRADE, CLEAN GROUND SERVICE FOR ELECTRONIC CASH REGISTERS. PROVIDE EMPTY CONDUIT BETWEEN CASH REGISTER LOCATIONS TO ALLOW UNITS TO BE TIED TOGETHER. REFER TO ARCHITECTURAL PLANS FOR CLOCKS, INTERCOM, TIME CLOCKS, POINT-OF-SALE (POS) AND CASH MACHINERY, AND OTHER ITEMS LOCATED IN FOOD SERVICE AREA BUT NOT INCLUDED IN THE FOOD SERVICE EQUIPMENT CONTRACT.

ELECTRICAL ABBREVIATIONS AND SYMBOLS

SWITCH	SW	$
ELECTRICAL CONNECTION	EC	■
JUNCTION BOX	JB	■
SINGLE RECEPTACLE	SR	■
DUPLEX RECEPTACLE	DR	■
AMP	A	
KILOWATT	KW	
HORSEPOWER	HP	
VOLT	V	
PHASE	Ø	
ABOVE FINISHED FLOOR	AFF	
DOWN FROM ABOVE	DFA	



MECH. SPOT CONNECTIONS
1/4" = 1'-0"

MECHANICAL NOTES

1. THIS DRAWING LOCATES MECHANICAL POINTS OF CONNECTION FOR EACH ITEM OF FOOD SERVICE EQUIPMENT AND DOES NOT INDICATE UTILITY ROUGH-IN LOCATIONS. THE DESIGN OF SYSTEMS TO ACCOMMODATE THESE REQUIREMENTS IS THE RESPONSIBILITY OF OTHERS AND IS TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND MEET WITH THE APPROVAL OF ALL GOVERNING AUTHORITIES. LOCATIONS, SIZES, AND HEIGHTS ABOVE FLOOR ARE APPROXIMATELY AS THEY WILL OCCUR ON EQUIPMENT ITEMS SHOWN.
2. ALL HORIZONTAL PIPING RUNS EXTENDED TO AND CONNECTED TO EQUIPMENT ITEMS SHALL BE AT THE HIGHEST PRACTICAL ELEVATION AND NOT LESS THAN 6" ABOVE THE FLOOR SO AS TO PROVIDE CLEARANCE FOR CLEANING.
3. UTILITIES ARE TO BE CONCEALED IN WALLS AND STUBBED OUT OF WALLS. DO NOT STUB OUT OF THE FLOOR AND RUN EXPOSED ON THE FACE OF THE WALL.
4. UTILITIES ARE FOR ITEMS OF FOOD SERVICE EQUIPMENT ONLY AND THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE MECHANICAL DRAWINGS FOR OTHER REQUIRED UTILITIES.
5. AIR-COOLED REFRIGERATION SYSTEMS ARE TO PROVIDED WITH A MINIMUM OF 1,000 CFM AIR SUPPLY PER HORSEPOWER AND ADEQUATE EXHAUST.
6. ANY AND ALL EXPOSED PIPING OR FITTINGS TO BE STAINLESS STEEL, CHROME-PLATED, OR ENCLOSED IN A CONCEALED, MOUNTED STAINLESS STEEL CHASE.

MECHANICAL ABBREVIATIONS AND SYMBOLS

GAS	G	●
BRITISH THERMAL UNIT (000'S)	MBTU	
HOT WATER	HW	●
COLD WATER	CW	●
COOLING WATER	CTW	●
COOLING WATER RETURN	CTWR	●
WASTE	W	●
INDIRECT WASTE	IW	●
FLOOR DRAIN	FD	⊡
FUNNEL FLOOR DRAIN	FFD	⊡
FLOOR SINK	FS	□
STEAM SUPPLY	SS	●
CONDENSATE RETURN	CR	●
GREASE TRAP	GT	
EXHAUST DUCT		▬
SUPPLY DUCT		▬
STATIC PRESSURE, WATER GAUGE	SPWG	
ABOVE FINISHED FLOOR	AFF	
DOWN FROM ABOVE	DFA	

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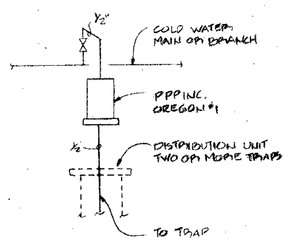
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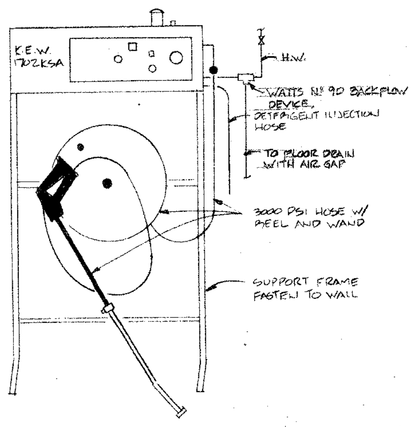
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TRAP PRIMER (TYP.) (F / P-1)
SCALE: NONE



(P3) HIGH PRESSURE WASHER (9 / P-1)
SCALE: NONE

FIXTURES

CATALOG NUMBERS INDICATED ARE THOSE OF THE FIRST NAMED MANUFACTURER IN EACH CATEGORY LISTED BELOW-ADDITIONAL MANUFACTURERS ARE LISTED IN PARENTHESIS

A. AMERICAN STANDARD (KOHLER OR CRANE)
B. DELALY (SLOAN OR ZURN)
C. GUDEBUILT (CHURCH OR BELIEKE)
D. MCGUIRE (EPROS OR C.P. & B)
E. WADE (ZURN OR J.R. SMITH)
F. STERN-WILLIAMS (FIAT)
G. CHICAGO (T&S)
H. JUST (ELKAY)
J. HALSEY-TAYLOR (HASS OR ELKAY)
K. ELKAY (JUST)
L. SYMMONS (AMERICAN STANDARD)
M.
N.
P.
Q.
R.

MARK	DESCRIPTION	MOUNTING HEIGHT	SUPPLY C.W.	SUPPLY H.W.	WASTE & VENT FIX. OUTLET	WASTE & VENT TRAP	WASTE & VENT FIX. DRAIN	WASTE & VENT WASTE-MIN.	WASTE & VENT VENT-MIN.	WASTE & VENT INDIRECT	WASTE & VENT AIR GAP	WASTE & VENT AIR BREAK	FIXTURE MFR.	FIXTURE CAT. Nos.	SUPPLY TRIM MFR.	SUPPLY TRIM CAT. Nos.	SUPPLY/STOP MFR.	SUPPLY/STOP CAT. Nos.	WASTE TRIM MFR.	WASTE TRIM CAT. Nos.	TRAP/FIX. DR. MFR.	TRAP/FIX. DR. CAT. Nos.	MISC. MFR.	MISC. CAT. Nos.	CARRIER MFR.	CARRIER CAT. Nos.	SEE FIXTURE SCHED. NOTES
A1	WATER CLOSET/WALL HUNG/FLUSH VALVE	15" TO RIM	1"		4"	INT.	4"	4"	2"				A	2477.216	B	402	B	UNIT	A	UNIT	A	UNIT	C	95 SEAT		SEE DIAGRAMS	1
A2	WATER CLOSET/WALL HUNG/FLUSH VALVE/HANDICAPPED	17" TO RIM	1"		4"	INT.	4"	4"	2"				A	2477.216	B	402	B	UNIT	A	UNIT	A	UNIT	C	95 SEAT		SEE DIAGRAMS	1
B1	LAVATORY/COUNTERTOP/ROUND	—	½"	½"	1¼"	1¼"	1¼"	1½"	1½"				A	0491.019	L	590-FR-WF3	D	H2165LK	A	2411.015	D	8872					2
B2	LAVATORY/COUNTERTOP/OVAL	—	½"	½"	1¼"	1¼"	1¼"	1½"	1½"				A	0496.028	L	590-FR-WF3	D	H2165LK	A	2411.015	D	8872					2
B3	LAVATORY/COUNTERTOP/ROUND/HANDICAPPED	—	½"	½"	1¼"	1¼"	1¼"	1½"	1½"				A	0491.019	L	590-FR-WF3	D	H2165LK	A	7725.018	D	8872					2
C1	URINAL/WALL HUNG/FLUSH VALVE	24" TO LIP	¾"		2"	INT.	2"	2"	1½"				A	6501.017	B	491	B	UNIT	A	UNIT	A	UNIT	E	W-400			
D1	MOP BASIN/24"x24"	36" TO FAUCET	½"	½"	3"	3"	3"	3"	1½"				F	MTB-2424	G	897	G	UNIT	F	UNIT	—	CAST IRON					3
D2	MOP BASIN/24"x24"/EXPOSED SUPPLY	36" TO FAUCET	½"	½"	3"	3"	3"	3"	1½"				F	MTB-2424	G	835	—	ROUGH BRASS	F	UNIT	—	CAST IRON					3
D3	MOP BASIN/36"x28"	36" TO FAUCET	½"	½"	3"	3"	3"	3"	1½"				F	MTB-3628	G	897	G	UNIT	F	UNIT	—	CAST IRON					3
F1	SINK/THREE COMPARTMENT/COUNTERTOP/4 HOLE 4"C/2 TWO GOOSENECK FAUCET	—	½"	½"	1½"	1½"	1½"	2"	1½"				H	TL-1843 AGR	G	TWO 183 W. GOOSENECKS	D	TWO 3895 H2167	H	THREE 135	D	8912	D	521			
F2	SINK/WALL HUNG/GOOSENECK/2 HOLE S & FAUCET	36" TO RIM	½"	½"	1½"	1½"	1½"	1½"	1½"				K	CHS-1916	G	SWING NECK SPAN	D	H2167 LK	K	LK-8	D	8912					
F3	SINK/COUNTERTOP/3 HOLE 8"C/GOOSENECK FAUCET	—	½"	½"	1½"	1½"	1½"	1½"	1½"				K	BLE-15	G	183 W/ ONE 135 GOOSENECK	D	H2167 LK	K	LK-8	D	8912					
G1	ELECTRIC WATER COOLER/PRESSURIZED	36" TO BUBBLER	½"		1¼"	1¼"	1¼"	1¼"	1½"				J	RC-8A	J	UNIT	—	ROUGH BRASS	J	UNIT	D	8872					
G2	ELECTRIC WATER COOLER/WALL HUNG/DOUBLE UNIT	—	½"		1¼"	1¼"	1¼"	1½"	1½"				J	WM14A1-8L	J	UNIT	—	ROUGH BRASS	J	UNIT	D	8872	E	W-440			

NOTES
1. WATER CLOSET SEATS SHALL BE WHITE
2. PROVIDE CHROME PLATED NIPPLES TO WALL
3. PROVIDE VINYL BUMPER GUARD

EQUIPMENT

1. PROVIDE ROUGH-IN
2. INSTALL ALL LOOSE COMPONENTS
3. PROVIDE ALL NECESSARY SUPPLIES, STOPS, TRAPS, FIX. DRAINS, CONTINUOUS WASTE & ALL INDIRECT WASTE
4. MAKE ALL FINAL CONNECTIONS

MARK	DESCRIPTION	SUPPLY C.W.	SUPPLY H.W.-140°	SUPPLY H.W.-180°	SUPPLY S.W.-180°	SUPPLY NATURAL GAS	WASTE & VENT FIX. OUTLET	WASTE & VENT TRAP	WASTE & VENT FIX. DRAIN	WASTE & VENT WASTE-MIN.	WASTE & VENT VENT-MIN.	WASTE & VENT INDIRECT	WASTE & VENT AIRGAP	WASTE & VENT AIRBREAK	WASTE & VENT TO FLR. DR.	WASTE SYS. SANITARY	WASTE SYS. KIT. WASTE	WASTE SYS. ACID WASTE	SEE EQUIPT SCHED. NOTES
K6	ROUGH PREP SINK / 2 COMPARTMENT	1½"	½"				1½"		2"	2"			•	•		•			
K7	GARBAGE DISPOSAL	¾"					2"	2"	2"	3"	1½"					•			182
K13	PREP SINK / 2 COMPARTMENT	1½"	½"				2"		2"	2"			•	•		•			
K24-A	SINK/1-COMPARTMENT	½"		½"			1½"		1½"				•	•		•			
K24-B	HOSE STATION	½"		½"															
K24-C	HOSE STATION W/DRAIN	½"					1"		1"	1"			•	•		•			
K52	FLOOR TROUGH / STAINLESS STEEL						3"	3"	3"	3"						•			
K58	POTS & PAN SINK/3 COMP/TWO FAUCET	(3) ½"		(2) ½"			2"	2"	2"	3"	1½"						•		
K61	GARBAGE DISPOSAL	¾"					2"	2"	2"	3"	1½"					•			182
K62	SINK, SANITIZING HEATER						¾"		¾"				•	•		•			
K45	BOILED DISH SINK/1-COMP	½"		½"			1½"	1½"	1½"	2"	1½"					•			
K87	DUAL TROUGH GARBAGE DISPOSAL	¾"					2"	2"	2"	3"	1½"					•			182
K48	DISH MACHINE			¾"	¾"		2"	2"	2"	3"	1½"						•		1
K50	HOSE STATION	½"		½"															
K52	DISH CONVEYOR	½"		½"			1½"		1½"				•	•		•			
K57-A	BEVERAGE COUNTER SINK/1-COMPARTMENT	½"	½"				1½"	1½"	1½"	1½"			•	•		•			
K57-B	COFFEE URN TROUGH						1"		1"	1"			•	•		•			
K58	COFFEE URN			½"															
K61	GLASS FILLER STATION	½"					1½"		1½"				•	•		•			
K62	FLOOR TROUGH / STAINLESS STEEL						3"	3"	3"	3"						•			
K63	ICE MACHINE	½"					1"						•	•		•			
K79	HAND SINK	½"	½"				1½"	1½"	1½"	1½"	1½"					•			
K75	SINK/1-COMPARTMENT	½"		½"			1½"	1½"	1½"	2"	1½"					•			
K89	DOUBLE CHECK OVENS/120 CFH GAS INPUT EACH					¾"													
K90	60 GALLON KETTLE	½"		½"															
K91	CONVECTION STEAMER/120 CFH GAS INPUT/2 COMPARTMENT	½"		½"		¾"							•	•		•			
K92	DEEP FAT FRYER/80 CFH GAS INPUT					¾"													
K93	BRAISING PAN/100 CFH GAS INPUT	½"		½"		¾"													
K94	PRESSURE STEAMER/150 CFH GAS INPUT			½"		¾"	2"		2"	2"			•	•		•			
K97	RANGE/12 CFH GAS INPUT EACH					¾"													
K98	BOILER/74.5 CFH GAS INPUT					¾"													
K99	FLOOR TROUGH/STAINLESS STEEL						3"	3"	3"	3"						•			
K105	GLASS FILLER STATION	½"					1½"		1½"	1½"			•	•		•			
K107	COFFEE URN		½"																
K108A	BEVERAGE COUNTER SINK/1-COMPARTMENT	½"	½"				1½"	1½"	1½"	2"	1½"					•			
K108B	COFFEE URN TROUGH						1"		1"	1"			•	•		•			
K109	ICE MACHINE	½"					¾"		¾"				•	•		•			
K110	FLOOR TROUGH/STAINLESS STEEL						3"	3"	3"	3"			•	•		•			
K119	BACK BAR REFRIGERATOR						1"		1"	1"			•	•		•			
K120	HAND SINK	½"	½"				1½"	1½"	1½"	1½"	1½"					•			
K121	COCKTAIL STATION						(3) 1"		(3) 1"	(3) 1"			•	•	•	•			
K122	BAR SINK	½"	½"				1½"		1½"	1½"			•	•		•			
K123	BEER DISPENSER TROUGH						1½"		1½"	1½"			•	•		•			

ADD.*1 K119 BACK BAR REFRIGERATOR
BULL.*1 & ADD.*1 K24-A SINK/1-COMPARTMENT
K24-B HOSE STATION
K24-C HOSE STATION W/DRAIN
ADD.*1 K121 COCKTAIL STATION
ADD.*1 K122 BAR SINK
ADD.*1 K123 BEER DISPENSER TROUGH

NOTES:
1. PROVIDE CUSHION CHAMBER ON SUPPLY CONNECTION (P.D.I. RECOMMENDATIONS SIZE).
2. AUXILLARY EQUIPMENT FURNISHED WITH EQUIPMENT SHALL BE INSTALLED BY P.C.

DRAINS

MARK	CATALOG NOS.	MANUFACTURER WADE (OR AS NOTED)	TYPE: FLOOR	TYPE: ROOF	TYPE: AIRAWAY	TYPE: FLAT/TRENCH DRAIN	BODY: CAST IRON	BODY: BRASS	BODY: ACID RESIS.	BODY: STAINLESS STEEL	OUTLET: SIDE	OUTLET: BOTTOM	OUTLET: SIZE	STRAINER/GRATE: SIZE	STRAINER/GRATE: ADJUSTABLE	STRAINER/GRATE: FLAT	STRAINER/GRATE: DOME	STRAINER/GRATE: RECESSED	STRAINER/GRATE: FUNNEL	STRAINER/GRATE: HINGED	STRAINER/GRATE: STAND PIPE	TOP FINISH: NICKEL-BRONZE	TOP FINISH: CAST IRON	TOP FINISH: 25%-12%	TOP FINISH: STAINLESS STEEL	ADDITIONAL FEATURES: ANCHOR FLANGE	ADDITIONAL FEATURES: FLEMG CLAMP	ADDITIONAL FEATURES: DRL. DRAINAGE	ADDITIONAL FEATURES: SED. BUCKET	ADDITIONAL FEATURES: AUX. STRAINER	ADDITIONAL FEATURES: DRAINING PAN	ADDITIONAL FEATURES: U-BOLT CLAMP	ADDITIONAL FEATURES: SECURITY SCREW	SEE DRAIN SCHEDULE NOTES
FD-1	W-1103-A806-1		•				•				•		6"ØD	•	•	•						•				•		•					
FD-2	W-1109-A906-2		•				•				•		6"ØD	•	•	•						•				•		•					
FD-3	W-1304-70-4-6		•				•				4"	•	12"SQ	•	•	•						•				•		•				•	
FD-4	W-1303-70-4		•				•				3"	•	12"SQ	•	•	•						•				•		•					
FD-5	W-1303-70-4-6		•				•				3"	•	12"SQ	•	•	•						•				•		•				•	
FD-6	W-1103-17		•							•	3"	•	12"SQ		•	•						•											
FD-7	W-1103-A806-3/6		•				•				3"	•	6"ØD	•	•	•						•				•		•				•	
FD-8	W-1103-A906-1-EFG		•				•				3"	•	6"ØD	•	•	•						•				•		•					
FD-9	W-1413-1-27		•				•				3"	•	14"ØD	•				•				•				•		•					
RD-1	W-3044			•			•				4"	•	11"ØD	•	•	•						•				•						•	
RD-2	W-3019			•			•				3"	•	11"ØD	•	•	•						•				•						•	
RD-3	W-3005-PA-95			•	•		•				3"	•	5"ØD	•					•				•			•						•	

EQUIPMENT DATA — PLUMBING

MANUFACTURER...
A. STATE INDUSTRIES OR EQUAL
B. B&G OR EQUAL
C. A.O. SMITH OR EQUAL
D. K.E.W. INDUSTRIES

EQUIP. Nº	MFR.	CATALOG Nº.	STORAGE CAPACITY	PUMP CAPACITY GPM	PUMP CAPACITY HEAD	RECOVERY CAPACITY	BY E.C. ELECTRICAL CHAR	BY E.C. ELECTRICAL HP	BY E.C. ELECTRICAL KW	BY H.C. FLUE	GAS INPUT C.F.H.	SEE SHT. Nº
P-1	A	WATER HEATER 580-82-9-1PE	80GAL			406GPH@90°F RISE	208V. 3Ø		9	4"		P8
P-2	B	HW RECIRCULATING PUMP 100 ¾"		4	8FT		115V. 1Ø	1/12				P8
P-3	D	HIGH PRESSURE WASHER 7102 KSA		3	1450 PSI		208V. 1Ø	3				P6,P8
P-4	A	WATER HEATER 582-80-1EF-3	50 GAL.			46GPH@90°F RISE				4"	65	P13
P-5	B	HW RECIRCULATING PUMP 100 ¾"		4	8FT		115V. 1Ø	1/12				P13
P-6	A	WATER HEATER 582-80-1EF-3	80 GAL			216GPH@90°F RISE	208V. 1Ø		4.7			P14
P-7	C	HW BOOSTER WATER HV-308				675GPH@40°F RISE	115V. 1Ø			9"	300	P14
P-8	B	HW RECIRCULATING PUMP 100 ¾"		4	8FT		115V. 1Ø	1/12				P14
P-9	B	HW RECIRCULATING PUMP HV-1102		11	12FT		115V. 1Ø	1/6				P14

LEGEND

G.C.	GENERAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
H.C.	HVAC CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
F.S.C.	FOOD SERVICE CONTRACTOR
——x——x——	EXISTING PIPE/EQUIPMENT TO BE REMOVED.
———	SANITARY DRAINAGE PIPE.
——)———	INDIRECT WASTE PIPE.
——K———	KITCHEN WASTE PIPE (TO INTERCEPTOR).
——ST———	STORM DRAINAGE PIPE.
— — — —	SANITARY VENT PIPE.
— — — —	COLD WATER PIPE.
— — — —	HOT WATER PIPE (120 DEGS.)
——180°——	HOT WATER PIPE (140 DEGS.)
——180°——	HOT WATER PIPE (180 DEGS.)
— — — —	HOT WATER RETURN PIPE (120 DEGS.)
——140°——	HOT WATER RETURN PIPE (140 DEGS.)
——180°——	HOT WATER RETURN PIPE (180 DEGS.)
——G———	NATURAL GAS PIPE.
	SHUT-OFF VALVE.
	SHUT-OFF AND BALANCING VALVE.
	CHECK VALVE.
	PRESSURE REGULATING VALVE.
	UNION.
	DIRECTION OF FLOW.
A2	PLUMBING FIXTURE MARK.
K90	KITCHEN EQUIPMENT MARK.
FD-1	DRAIN MARK (PREFIX DENOTES TYPE).
S.S.	SANITARY STACK (SOIL/WASTE).
V.S.	VENT STACK.
V.R.	VENT RISER.
C.O.	CLEANOUT.
V.T.R.	VENT THRU ROOF.
S.R.	SUPPLY RISER.
	HOSE BIBB.
D.S.	DOWNSPOUT.
C.I.	CAST IRON.
M.H.	MANHOLE.
C.B.	CATCH BASIN.
(PD)	"UP TO" SYMBOL (ITEM ON FLOOR ABOVE).
(2)	"NOTE" SYMBOL (FOR NOTES ON SAME SHEET).
	"CONNECT TO EXISTING" SYMBOL.
(P)	PRESSURE GAUGE.
(T)	THERMOMETER.
(P8)	DETAIL (SEE DETAIL B ON SHEET P2).
VCP	VITRIFIED CLAY PIPE.
(P-2)	PLUMBING EQUIPMENT NUMBER.

STATE OF OHIO — REGISTERED PROFESSIONAL ENGINEERS
20657 T. J. FERGELMAN
T. E. MORRIS 39795
S. J. WERLING 33045
R. J. PEARSON 34483
R. R. WEBER 41293

PRINTING

REVISIONS
△ 12-1-88 RECORD DRAWING REVISIONS

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P11 THIRD FLOOR AREA "A"
P12 THIRD FLOOR AREA "B"
P13 FOURTH FLOOR AREA "A"
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P15 DIAGRAMS
P16 DIAGRAMS

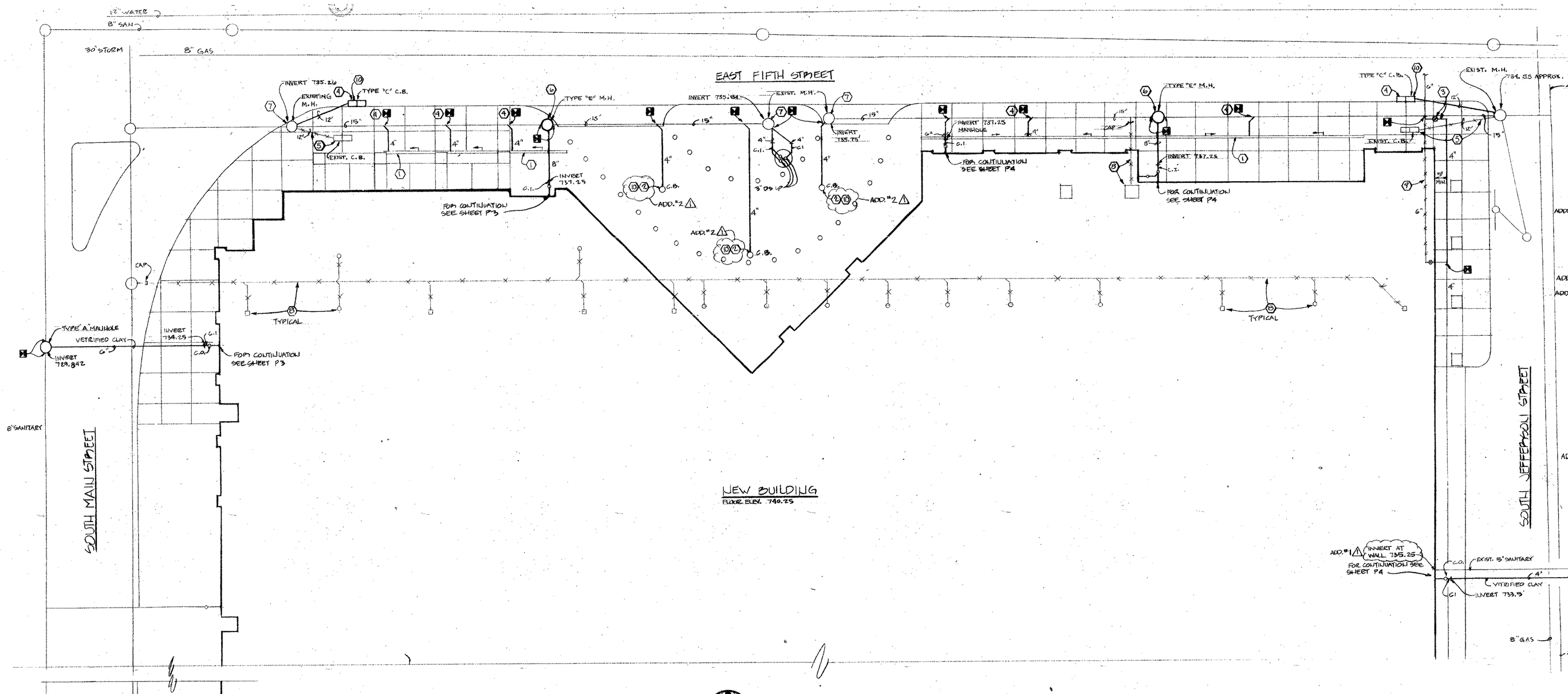
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1931

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PROJECT NO. 57411.06

P-1

P1 P1



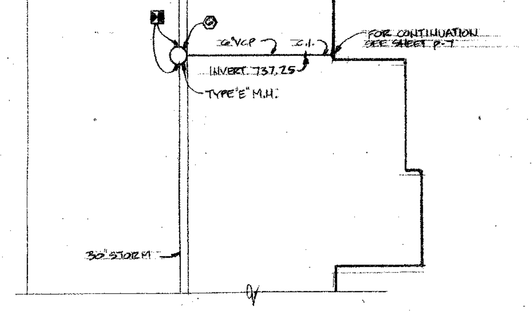
GENERAL NOTES

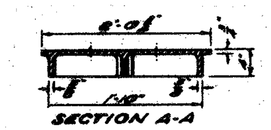
1. LOCATION AND SIZES OF EXISTING PIPING HAS BEEN DETERMINED BY VISUAL INSPECTION AND/OR EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, FLOW DIRECTION, ETC., FOR POINTS OF CONNECTION BEFORE STARTING INSTALLATION OF ANY WORK.
2. REPAIR/REPLACE STREET PAVING TO CITY OF DAYTON STANDARDS - REPLACEMENT OF SIDEWALKS IS INCLUDED IN THE GENERAL CONTRACT.
3. MANHOLES AND CATCH BASINS SHALL BE CITY OF DAYTON STANDARD TYPES AS INDICATED ON THE DRAWINGS.
- ADD.#1 △4. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF CATCH BASINS AND TRENCH DRAINS.

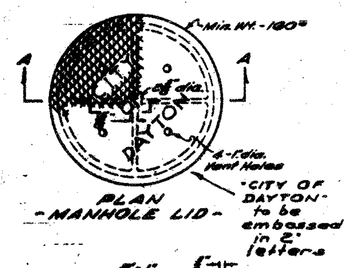
NOTES○

1. CAST-IN-PLACE TRENCH DRAIN WITH A MINIMUM OF 1/8" PER FOOT SLOPE. SEE DETAIL THIS SHEET. (ALTERNATE P-3)
- ADD.#1 △2. CITY OF DAYTON "TYPE E" DOUBLE DRIP WITH ~~GRATE OPENINGS~~ A MAXIMUM OF ~~3½"~~ ~~DOOR AND BOX. INSTALL 4' DUCTILE A MINIMUM OF 5 FT. FROM BUILDING WALL.~~
- ADD.#1 △3. ALTERNATE P-3.
4. REMOVE EXISTING CURB CATCH BASIN AND ASSOCIATED PIPING BACK TO MANHOLE AND CAP. (ALTERNATE P-3)
5. INVERT SHALL BE FIELD DETERMINED. TOP ELEVATION SHALL MATCH NEW SURFACES.
6. RAISE OR LOWER EXISTING MANHOLE FRAME AND LID (AS REQUIRED) TO MATCH NEW SURFACE.
7. REMOVE EXISTING DRAINS AND ASSOCIATED PIPING BACK TO MANHOLE AND CAP. TYPICAL.
8. REMOVE EXISTING PIPING BACK TO POINTS OF CONNECTION OF NEW WORK.
- ADD.#2 △9. SEE SHEET P-7 FOR DETAILS.

SITE PLAN
SCALE: 1"=50'

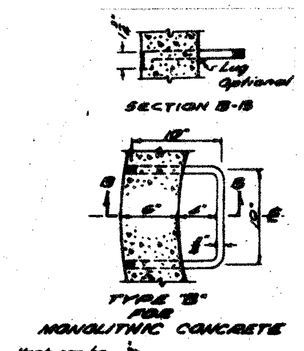






GREY IRON, SEMI-STEEL MIN. WT.-STD. LOS.

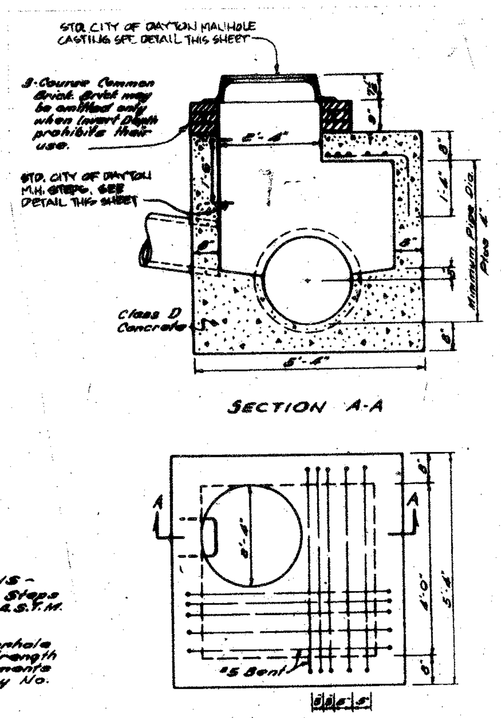
MANHOLE FRAME (A P2.2)



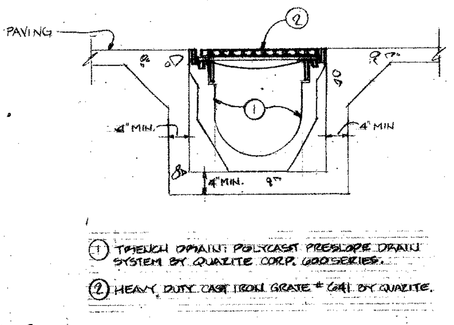
- MANHOLE STEP SPECIFICATIONS -

1. Stony Sewer Manholes: Manhole Steps shall be Gravinex, Semi-Steel, A.S.T.M. Designation, A-48, Class 30.
2. Sanitary Sewer Manholes: Manhole Steps shall be cast of high Strength Aluminum, meeting the requirements of A.S.T.M. Specifications, Alloy No. 6061 T-6.
3. Specifications shall be the latest revisions thereof.

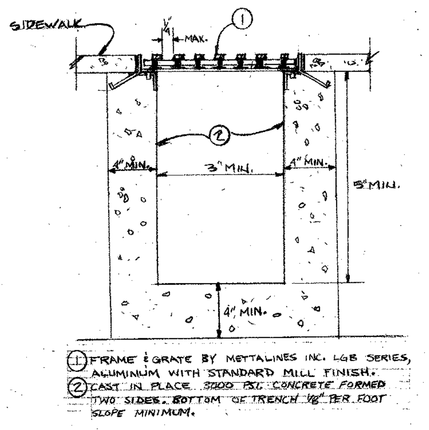
MANHOLE STEPS (B P2.2)



TYPE E MANHOLE (C P2.2)

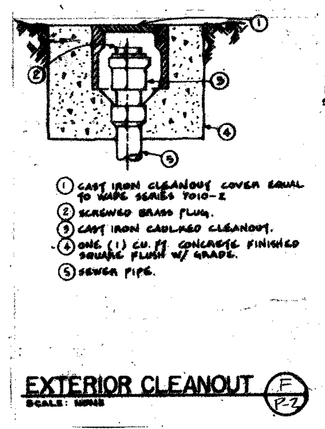


RECIEVING AREA TRENCH DRAIN (D P2.2)
SCALE: NONE

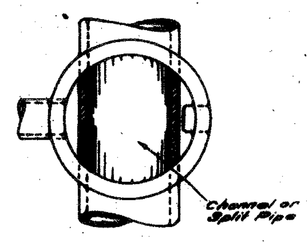


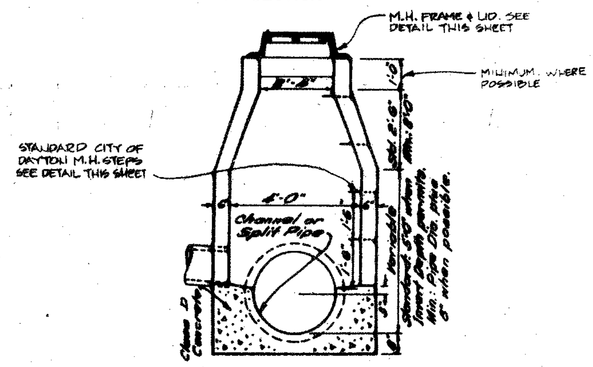
SIDEWALK TRENCH DRAIN (E P2.2)
SCALE: NONE

ADD.#1 △ NOTE: GRATE DIMENSIONAL REQUIREMENTS SHALL MEET METALINES NO. L618-100-3 AS MAXIMUM.



EXTERIOR CLEANOUT (F P2.2)
SCALE: NONE





TYPE A
MANHOLE (G P2.2)
FOR SEWERS LESS THAN 48" DIAMETER

STATE OF OHIO
25807
T. J. PERDELMAN
T. E. MONNIG 25799
R. J. WERLING 23948
R. J. PEARSON 24483
R. R. WEBER 41595
REGISTERED PROFESSIONAL ENGINEERS

PRINTING

REVISIONS
△ 12-1-86 RECORD DRAWING REVISIONS

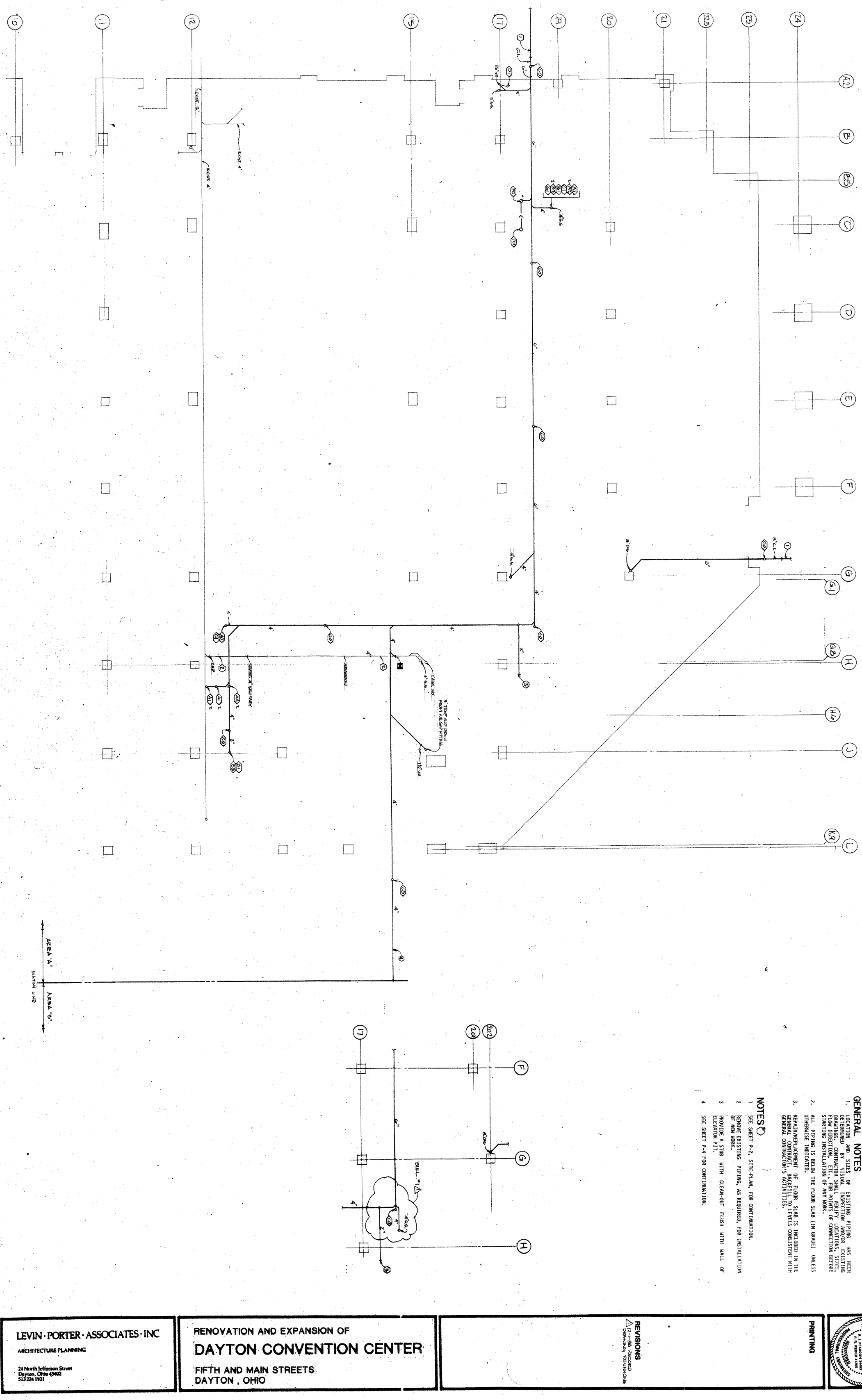
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
(513) 461-5866

DATE 6/9/86
DRAWN BY GM
CHECKED BY TN
PROJECT NO. 57411.00

P-2

CONT.	P3	P3									
OVER.	1	1									



FOUNDATION PLAN - AREA "A"

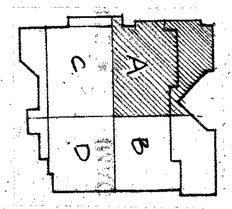
1/8" = 1'-0"

GENERAL NOTES

1. LOCATION AND SIZES OF EXISTING PIPING HAS BEEN DETERMINED BY VISUAL INSPECTION AND/OR EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, FLOW DIRECTION, ETC., FOR POINTS OF CONNECTION BEFORE STARTING INSTALLATION OF ANY WORK.
2. ALL PIPING IS BELOW THE FLOOR SLAB (IN GRADE) UNLESS OTHERWISE INDICATED.
3. REPAIR/REPLACEMENT OF FLOOR SLAB IS INCLUDED IN THE GENERAL CONTRACT. BACKFILL TO LEVELS CONSISTENT WITH GENERAL CONTRACTOR'S ACTIVITIES.

NOTES

1. SEE SHEET P-2, SITE PLAN, FOR CONTINUATION.
2. REMOVE EXISTING PIPING, AS REQUIRED, FOR INSTALLATION OF NEW WORK.
3. PROVIDE A STUB WITH CLEAN-OUT FLUSH WITH WALL OF ELEVATOR PIT.
4. SEE SHEET P-4 FOR CONTINUATION.



REVISIONS
△ 12-1-86 RECORD DOWNING REVISIONS

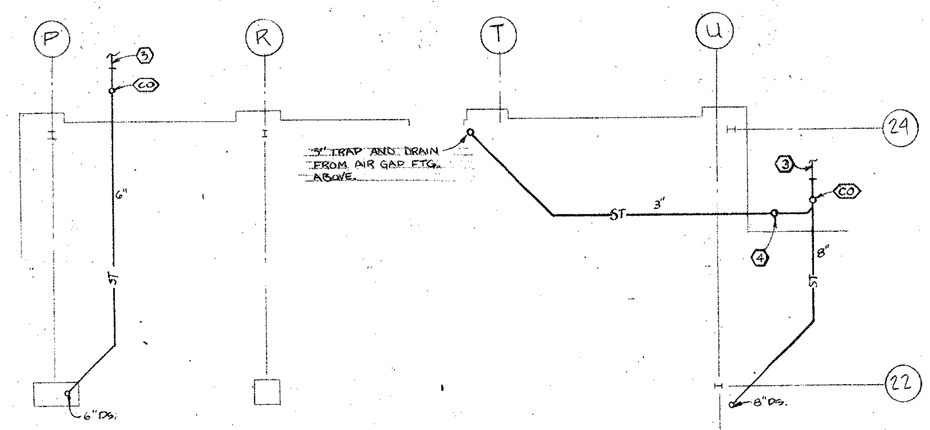
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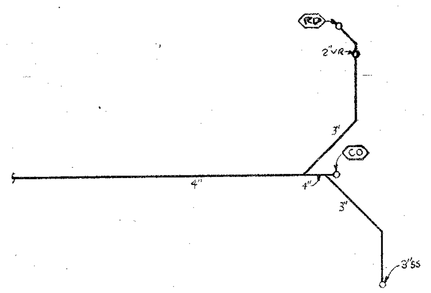
STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
T. J. FERDELMAN 28197
T. E. MONNIG 20796
R. J. WERLING 33496
M. J. WEBER 41395
R. R. WEBER 41395

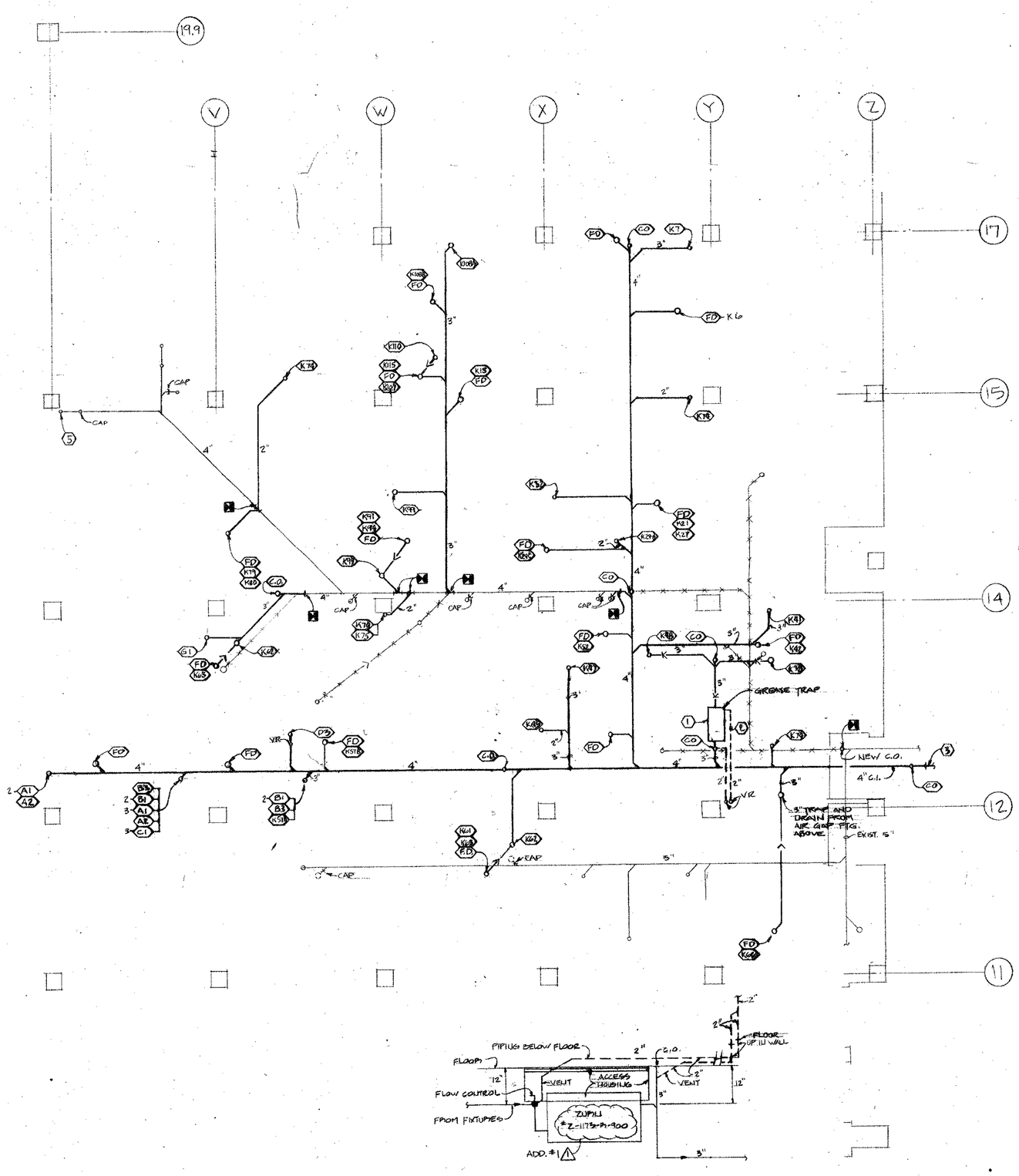
RENOVATION AND EXPANSION OF
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LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1931

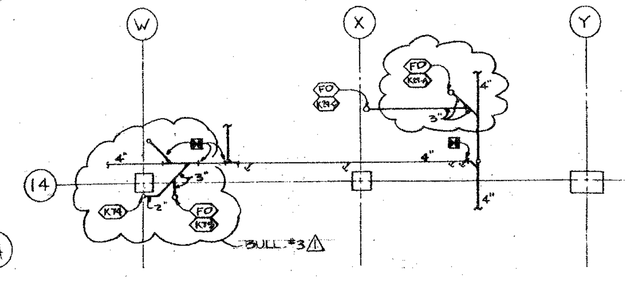
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PROJECT NO. 5741.00

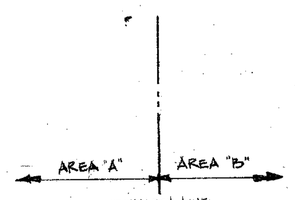


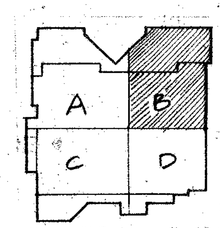




GREASE INTERCEPTOR







KITCHEN AND FOUNDATION PLAN - AREA "B"

1/8" = 1'-0"

GENERAL NOTES

1. LOCATION AND SIZES OF EXISTING PIPING HAS BEEN DETERMINED BY VISUAL INSPECTION AND/OR EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, FLOW DIRECTION, ETC., FOR POINTS OF CONNECTION BEFORE STARTING INSTALLATION OF ANY WORK.
2. ALL PIPING IS BELOW THE FLOOR SLAB (IN GRADE) UNLESS OTHERWISE INDICATED.
3. REPAIR/REPLACEMENT OF FLOOR SLAB IS INCLUDED IN THE GENERAL CONTRACT. BACKFILL TO LEVELS CONSISTENT WITH GENERAL CONTRACTOR'S ACTIVITIES.
4. REFER TO SHEET FS-3 FOR FOOD SERVICE EQUIPMENT LOCATIONS.

NOTES ⬡

1 PROVIDE A GREASE INTERCEPTOR FOR RECESSED INSTALLATION. SEE DETAIL THIS SHEET.

2 VENT PIPING TO FLOW CONTROL FITTING.

3 SEE SHEET P-2, SITE PLAN, FOR CONTINUATION.

4 PROVIDE A ZURN NO. Z-1095-6 BACKWATER VALVE WITH CLEAN OUT AT FINISH GRADE.

5 REMOVE WATER CLOSET CARRIER AND EXTEND 4" WASTE UP THRU FLOOR.

STATE OF OHIO
T. J. FRIEDLEMAN
T. E. MONNIG 26766
D. J. WERLING 32845
R. J. PEARSON 34495
R. R. WEBER 41265
REGISTERED PROFESSIONAL ENGINEER

PRINTING

REVISIONS
⚠ 12-1-88 RECORD DRAWING REVISIONS

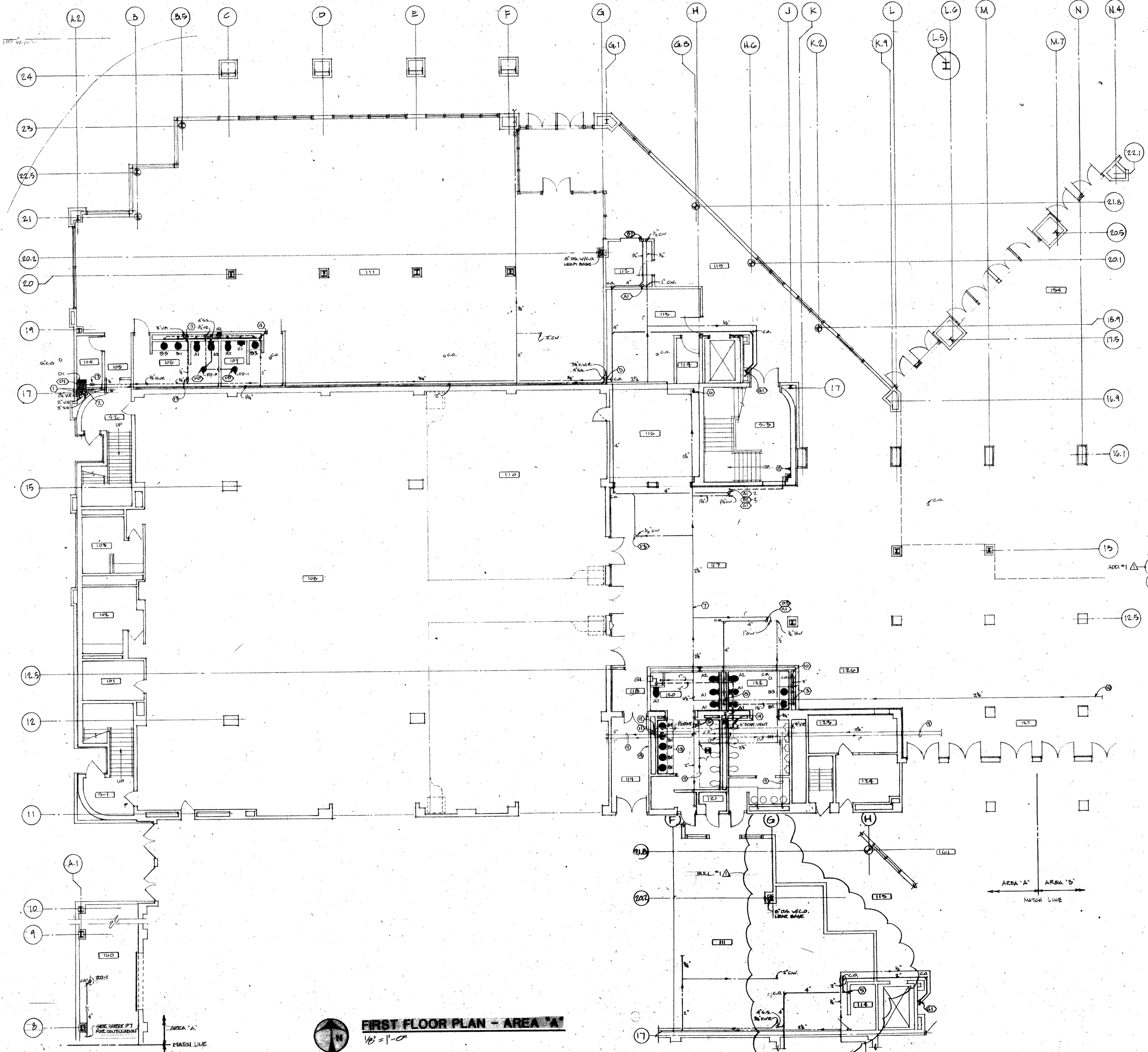
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1431

DATE 6/9/88
DRAWN BY GM
CHECKED BY TN
PROJECT NO. 5741.00

P-4

P4	P4
1	1
CONT.	OVER. PG



GENERAL NOTES

1. LOCATION AND SIZES OF EXISTING PIPING HAS BEEN DETERMINED BY VISUAL INSPECTION AND/OR EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, FLOW DIRECTION, ETC., FOR POINTS OF CONNECTION BEFORE STARTING INSTALLATION OF ANY WORK.
2. ALL PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.

NOTES ⬡

1. 1-1/4" C.W. UP, 1/2" C.W. DOWN, 3/4" H.W. UP AND 1/2" H.W. DOWN.
2. PROVIDE A CLEAN-OUT AT BASE OF STACK FLUSH WITH WALL OF ROOM 104.
3. 3/4" SUPPLY. DROP IN CHASE, MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.
4. 2" SUPPLY. DROP IN CHASE, MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.
5. PROVIDE A CLEAN-OUT AT BASE OF STACK FLUSH WITH WALL OF ROOM 113.
6. REMOVE EXISTING SILLCOCK AND SUPPLY PIPING BACK TO ACTIVE MAIN AND CAP.
7. NEW SUPPLY PIPING IN SAME LOCATION OF REMOVED EXISTING SUPPLY PIPING.
8. 2" / SUPPLY. DROP IN CHASE, MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.
9. EXISTING PIPING TO REMAIN.
10. PROVIDE A 2" CLEAN-OUT FLUSH WITH WALL.
11. EXISTING 3/4" SUPPLY. MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.
12. EXISTING 2" WASTE AND 1-1/2" VENT. CHANGE PIPING TO ACCOMMODATE 5 LAVATORIES.
13. REMOVE EXISTING 4 LAVATORIES.
14. PROVIDE A CLEAN-OUT FOR SYSTEM TESTING.
15. ACCESS TO CHASE THRU THIS WALL ONLY.
16. SEE SHEET P-6 FOR CONTINUATION.
17. FURNISH AN ACCESS PANEL FOR CONCEALED VALVE ABOVE CEILING. TURN PANEL OVER TO G.C. FOR INSTALLATION.
18. PROVIDE WADE NO. W-2492X3 AIR GAP FITTING NEAR FLOOR AND CONNECT TO FIRE PROTECTION DRAIN AND TEST RISER.

LIST OF WATER CLOSET CARRIERS BY WADE. EQUALS BY ZURN & J.R. SMITH

a. Sheet P-5

Room 106	A1 - #W-310-NL A2 - #W-340-ANL
Room 107	A2 - #W-310-NR
Room 120 - Northwest	A1 - #W-330-NR
Room 120 & 122 - North to South	A2 - #W-340-ND A1 - #W-310-ND A1 - #W-310-ND

ROOM NO.	ROOM NAME
101	JANITOR
102	W. TOILET
103	M. TOILET
104	JANITOR
105	CORRIDOR
106	W. TOILET
107	M. TOILET
108	EXHIBIT AREA
109	EXHIBIT AREA
110	EXHIBIT AREA
111	OFFICES
112	TICKETS
113	STORAGE
114	ELEV. EQUIP.
115	LOBBY
116	COATS
117	PREFUNCTION
118	TELEPHONE
119	STAGING
120	W. TOILET
121	JANITOR
122	M. TOILET
123	OFFICE
124	SHOW MANAGER
126	LOUNGE
127	SOUTH LOBBY
134	NORTH LOBBY
160	CHAIR/TABLE STORAGE
161	MAIN EXHIBIT HALL

FIRST FLOOR PLAN - AREA "A"

1/8" = 1'-0"

STATE OF OHIO
20807 T. J. FERDELMAN
T. C. MOHNING 39746
B. J. WERLING 39846
R. J. PEARSON 39883
C. H. WEBER 41395
REGISTERED PROFESSIONAL ENGINEERS

PRINTING

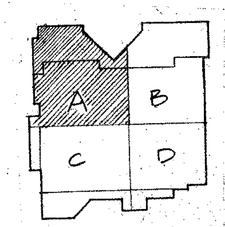
REVISIONS

△1 12-1-86 RECORD DRAWING REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
74 North Jefferson Street
Dayton, Ohio 45402
513 224 1901

DATE 6/9/86
DRAWN BY GM
CHECKED BY TH
PROJECT NO. 5711.00



GENERAL NOTES

1. ALL EXPOSED SUPPLY PIPING IN KITCHEN AREA OF 140 DEGREES F. AND 180 DEGREES F. WATER SHALL BE INSULATED AND COVERED WITH .01" STAINLESS STEEL JACKET WITH SPECIAL LONGITUDINAL Z-JOINT CLOSURE.
2. LOCATION AND SIZES OF EXISTING PIPING HAS BEEN DETERMINED BY VISUAL INSPECTION AND/OR EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, FLOW DIRECTION, ETC., FOR POINTS OF CONNECTION BEFORE STARTING INSTALLATION OF ANY WORK.
3. ALL PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.
4. REMOVE EXISTING KITCHEN EQUIPMENT, FIXTURES, CARRIERS, TRIM AND ASSOCIATED PIPING BACK TO ACTIVE MAINS AND CAP. REFER TO ARCHITECTURALS FOR EXTEND OF REMOVALS.

NOTES ○

1 REMOVE EXISTING SUPPLY PIPING BACK TO ACTIVE BRANCH AND PROVIDE CAPPED AND VALVED STUBS.

2 REMOVE EXISTING SILLCOCK.

3 CAP EXISTING SUPPLY DROPS.

4 REMOVE WATER CLOSET AND CARRIER.

5 EMERGENCY GAS SHUT-OFF VALVE. FURNISHED AND WIRED BY FOOD SERVICE CONTRACTOR, INSTALLED BY P.C. IN ROOM 155.

6 PROVIDE A 1/2" 120 DEGREES F., 1/2" 140 DEGREES F. AND 3/4" COLD SUPPLY, DROPS. INSTALL PIPING IN FURRED SIDE OF COLUMN.

7 PROVIDE 1" SUPPLY. DROP ALONG COLUMN AND UNDER WORK TABLE TO SUPPLY EQUIPMENT. SERVE EACH ITEM OF EQUIPMENT INDIVIDUALLY FROM 1" MANIFOLD.

8 3/4" SUPPLY. DROP ALONG SIDE OF DISHWASHER AND PROVIDE A PRESSURE REDUCING VALVE (GAUGE ON OUTLET) AND CUSHION CHAMBER.

9 3/4" SUPPLY. DROP IN CHASE, MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.

10 2" SUPPLY. DROP IN CHASE, MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.

11 1-1/4" SUPPLY AND RETURN. DROP ALONG SIDE OF DISHWASHER AND PROVIDE A PRESSURE REDUCING VALVE (GAUGE ON OUTLET) AND CUSHION CHAMBER. RETURN PIPING SHALL BE CONNECTED TO SUPPLY PIPING WITHIN FIVE FEET OF DISHWASHER INLET CONNECTION.

12 1-1/2" SUPPLY. DROP IN CHASE, MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.

13 1" SUPPLY. DROP IN CHASE, MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.

14 PROVIDE A CLEAN-OUT IN VENT PIPING FOR TESTING PURPOSES.

15 INSTALL PIPING ALONG CHASE WALL UP TO FOURTH FLOOR MECHANICAL ROOM.

16 REMOVE EXISTING REGULATOR AND PROVIDE A REGULATOR RATED AT 1200 CFH.

17 PROVIDE A HIGH PRESSURE WASHER (PACKAGE UNIT) COMPLETE WITH PUMP, HOSE AND WAND. MOUNT UNIT ON WALL. SEE DETAIL ON SHEET P-1.

18 EXPOSED PIPING.

19 COFFEE URN SUPPLY FROM SUPPLY DROP TO SINK.

20 1/2" SUPPLY. DROP IN CHASE AND SUPPLY EACH COFFEE URN.

21 PROVIDE WADE NO. W-2492X3 AIR GAP FITTING NEAR FLOOR AND CONNECT TO FIRE PROTECTION DRAIN AND TEST RISER.

22 MANIFOLD SUPPLY PIPING NEAR UNDERSIDE OF COUNTER AND SERVE EACH EQUIPMENT ITEM INDIVIDUALLY FROM MANIFOLD.

23 3" GAS DROP - MANIFOLD LOW IN CHASE WALL AND SERVE EACH ITEM OF EQUIPMENT INDIVIDUALLY FROM MANIFOLD.

24 DROP PIPING IN CHASE COLUMN TO LOW WALL BELOW CANOPY.

25 INSTALL NEW VALVES IN EXISTING PIPING.

26 3/4" COLD AND 1/2" HOT SUPPLY. DROP IN WALL, MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.

ADD'N #1 △ LIST OF WATER CLOSET CARRIERS BY WADE, EQUALS BY ZURN & J.R. SMITH

b. Sheet P-6 — Room 149 - North to South: A1 - #W-310-NR; A1 - #W-340-ANL; A2 - #W-310-NL

Room 150 - North to South: A1 - #W-310-NR; A1 - #W-310-NR; A1 - #W-340-ANL; A2 - #W-310-NL

ROOM NO.	ROOM NAME
127	S. LOBBY
128	CONCESSIONS
129	STORAGE
130	LOBBY
131	WORK/STORAGE
131A	STORAGE
1318	VAULT
131C	STORAGE
132	VENDING
133	SECURITY
134	N. LOBBY
135	STORAGE
136	COATS
137	STORAGE
138	BANQUET HALL
139	ELECTRIC
140	FIRST AID
141	TOILET
142	OFFICE
143	STAGING
144	DRY FOOD STORAGE
145	SEC. STORAGE
146	KITCHEN
147	ALCOVE
148	ALCOVE
149	M. TOILET
150	W. TOILET
151	JANITOR
152	CORRIDOR
153	METER
154	TRASH
155	W. TOILET
156	M. TOILET
157	W. TOILET
158	JANITOR
159	M. TOILET
161	MAIN EXHIBIT HALL
162	BALLROOM

ROOM 153
GAS DIAGRAM
SCALE: NONE

AREA "A" / AREA "B" — MATCH LINE
1 Lb. GAS @ 4½ FLOOR.
METER
MAIN REGULATOR SUB. TO 1 LB.
TO KITCHEN EQUIPMENT
REGULATOR 1 LB. TO 4 OZ.
BULLETIN #72 ITEM B GAS METER
BULL. #3 △

FIRST FLOOR PLAN - AREA "B"
1/8" = 1'-0"

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REVISIONS
△ 12-1-88 RECORD DRAWING REVISIONS

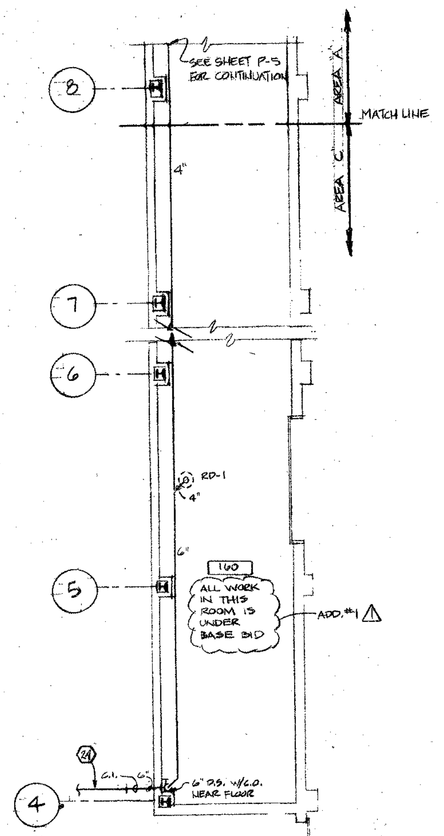
STATE OF OHIO — REGISTERED PROFESSIONAL ENGINEERS
T. J. FERDELMAN
T. E. MONNOS
D. J. WERLING
R. J. PEARSON
R. R. WEBER

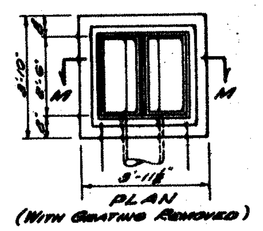
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DAYTON, OHIO

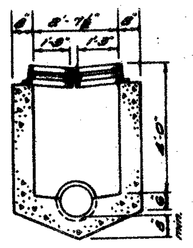
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ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1900

DATE 6/9/86
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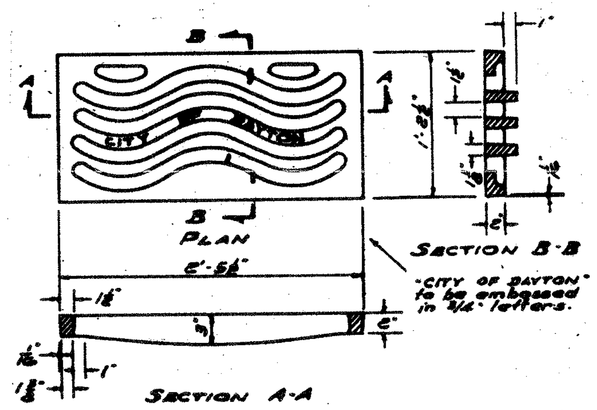
A | B
C | D



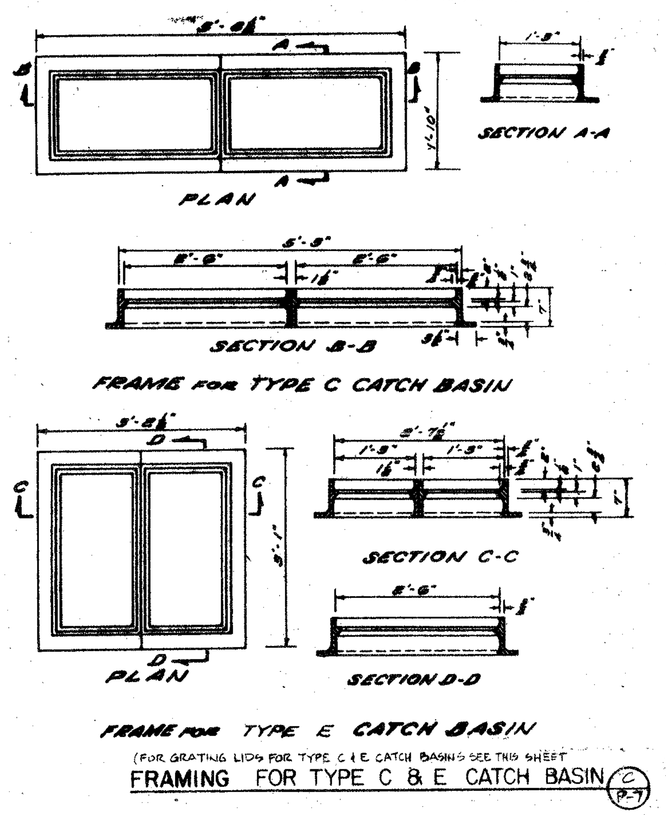




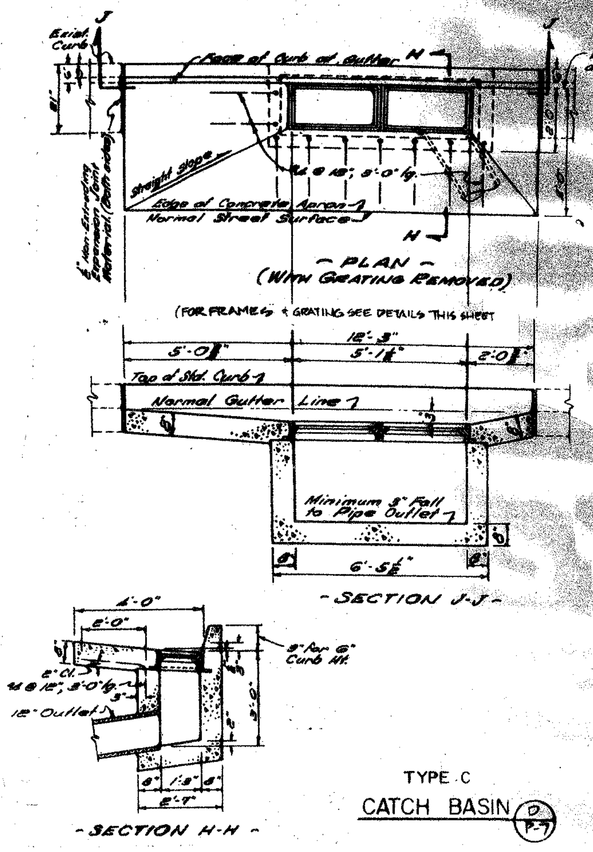
TYPE E
CATCH BASIN (A P-7)



TYPE C & E CATCH BASINS
GRATING LID (B P-7)



(FOR GRATING LIDS FOR TYPE C & E CATCH BASINS SEE THIS SHEET)
FRAMING FOR TYPE C & E CATCH BASIN (C P-7)



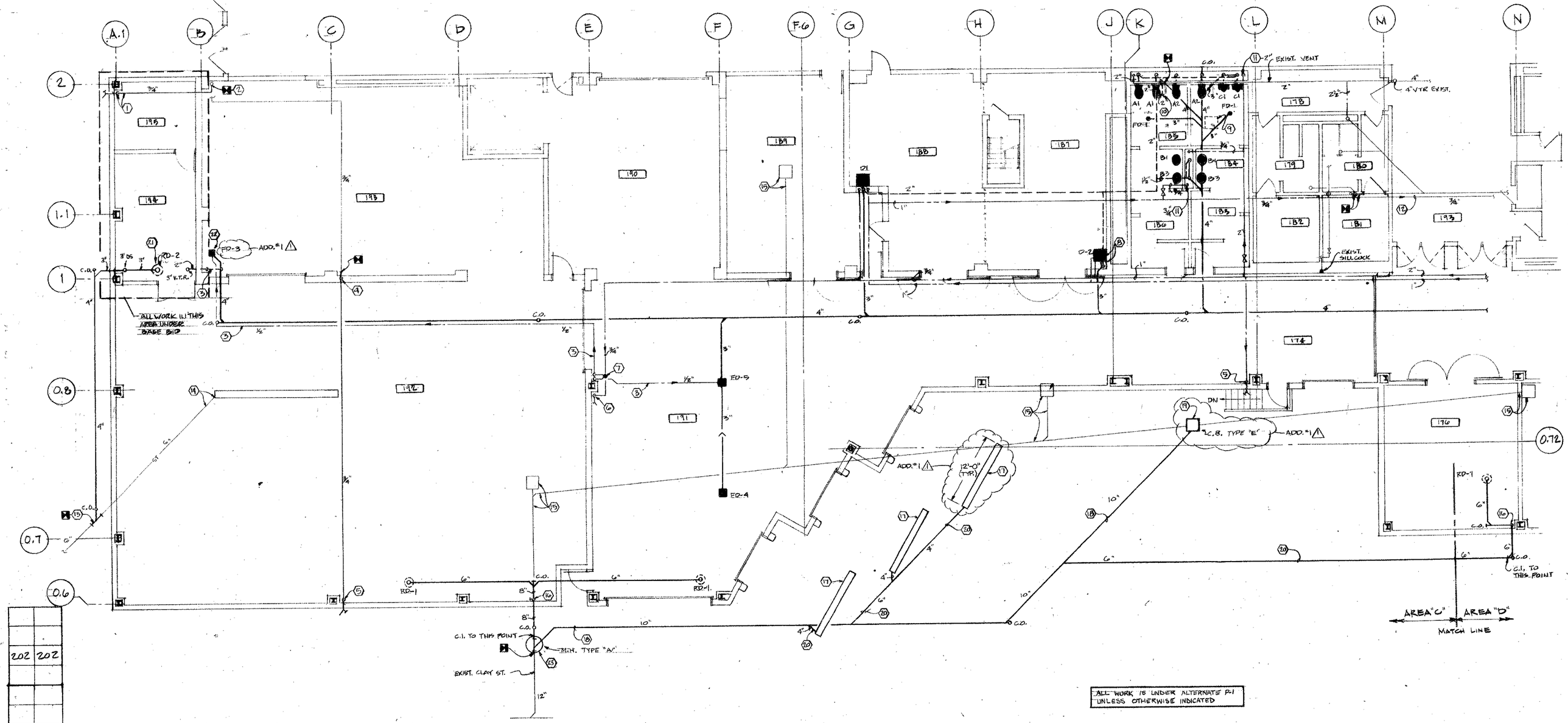
TYPE C
CATCH BASIN (D P-7)

GENERAL NOTES

1. LOCATIONS AND SIZES OF EXISTING PIPING HAS BEEN OBTAINED BY VISUAL INSPECTION AND/OR EXISTING RECORDS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, ELEVATIONS, ETC. AT POINTS OF CONNECTION BEFORE CONSTRUCTION OF NEW WORK.
2. [illegible] PIPING AS ABOVE THE CEILING (AT EXPOSED STRUCTURAL AREAS) UNLESS
3. ALL [illegible] UNLESS OTHERWISE [illegible] THE FLOOR SLAB (IN GRADE)
4. MANHOLES AND CATCH BASINS SHALL BE CITY OF DAYTON STANDARD TYPES AS INDICATED ON THE DRAWINGS.
ADD. #1 △ [illegible] SHALL BE INCLUDED IN THE [illegible] TO GENERAL CONTRACTOR'S ADDITIONAL CONSIDERATION.
ADD. #1 △ 6. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF CATCH BASINS AND TRENCH DRAINS.

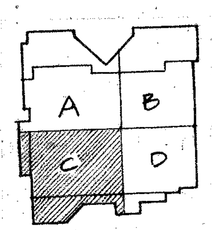
NOTES ○

1. EXISTING PIPING IN THE STORAGE TANK ROOM. PROVIDE A VALVE TO SHUT OFF TO SILLCOCK (BASE BID).
2. EXISTING SUPPLY DROP AND SILLCOCK TO REMAIN.
3. INSTALL PIPING BELOW FLOOR.
4. REMOVE EXISTING SUPPLY DROP AND SILLCOCK.
5. PROVIDE A VALVE IN SUPPLY DROP TO SILLCOCK.
6. PROVIDE A VALVE IN SUPPLY DROP TO HOSE BIBB.
7. TRAP PRIMER AND DISTRIBUTION UNIT. SEE DETAIL ON SHEET P-1 FOR TYPICAL INSTALLATION.
8. INSTALL PIPING EXPOSED ALONG WALL.
9. REMOVE EXISTING FLOOR DRAIN BASIN AND TRIM, CAP WASTE BELOW FLOOR, VENT AND [illegible] PIPING BACK TO ACTIVE MAINS.
10. INSTALL A TEMPORARY VENT PIPING FOR TESTING PURPOSES.
11. SUPPLY DROP IN CHASE TO MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.
12. UTILIZE EXISTING HOT SUPPLY PIPING AS RETURN PIPING.
13. INSTALL MOP BASE BIBB.
14. REMOVE TRENCH DRAIN AND ASSOCIATED PIPING AND CAP AT MANHOLE.
15. REMOVE CATCH BASIN AND ASSOCIATED PIPING.
16. DOWNSPOUT WITH CLEAN-OUT NEAR FLOOR.
17. PRECAST TRENCH DRAIN. SEE DETAIL ON SHEET P-2.
18. REINFORCED CONCRETE STORM PIPING.
19. CATCH BASIN. SEE DETAILS ON THIS SHEET.
20. EXTRA STRENGTH VITRIFIED CLAY PIPE.
21. ROOF DRAIN AND ASSOCIATED PIPING (BASE BID).
22. EXTEND EXISTING SPRINKLER DRAIN PIPING OVER FLOOR DRAIN.
23. MANHOLE INVERT SHALL BE FIELD DETERMINED. TOP ELEVATION TO MATCH NEW SURFACES. SEE SHEET P-2 FOR DETAILS.
28. SEE SHEET P-2, SITE PLAN FOR CONTINUATION.



ALL WORK IS UNDER ALTERNATE #1 UNLESS OTHERWISE INDICATED

ROOM NO.	ROOM NAME
160	CHAIR/TABLE STORAGE
161	MAIN EXHIBIT HALL
174	RECEIVING
176	VEHICL. STORAGE
178	HALLWAY
179	M. TOILET
180	W. TOILET
181	DRESSING
182	DRESSING
183	LOCKERS
184	M. TOILET
185	W. TOILET
186	LOCKERS
187	SHOP/JAN./MAINT. STG.
188	REPAIR SHOP
189	SHOW DECORATOR
190	SERVICE ALCOVER
191	RECEIVING
192	BLEACHER STORAGE
193	BLEACHER STORAGE
194	GENERATOR
195	FUEL ROOM



FOUNDATION AND FIRST FLOOR PLAN – AREA "C"

1/8" = 1'-0"

202	202
16	16
1	1
CONT.	OVER. +6

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
T. J. PERDELEMAN
T. E. MORNINGS 38316
B. J. WERLING 39246
R. J. PEARSON 24483
R. R. WEBER 41265

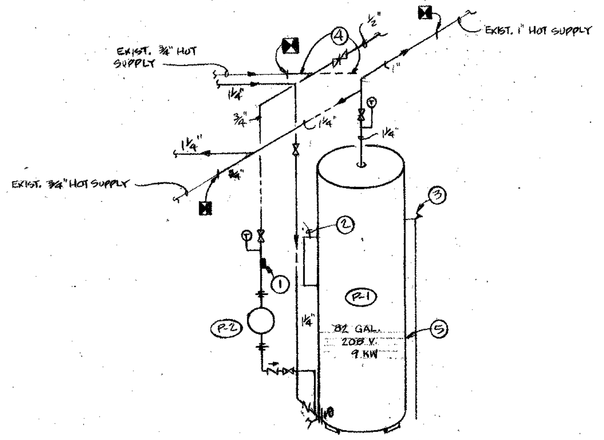
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FIFTH AND MAIN STREETS
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Dayton, Ohio 45402
513 224 1931

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PROJECT NO. 5741.00



NOTES ○

1 SURFACE MOUNT THERMOSTAT BY E.C. TO CONTROL RECIRCULATING PUMP.

2 ELECTRICAL CONNECTION BY E.C.

3 COMBINATION PRESSURE-TEMPERATURE RELIEF VALVE - PIPE DISCHARGE OVER FLOOR DRAIN WITH AN AIR GAP.

4 REMOVE THIS SECTION OF EXISTING SUPPLY PIPING AND INSTALL PIPING TO WATER HEATER FOR RECIRCULATING SYSTEM.

5 STATE INDUSTRIES MODEL SBC-82-9-1FE WATER HEATER.

ELECTRIC WATER HEATER DETAIL
SCALE: NONE

GENERAL NOTES

1. LOCATION AND SIZES OF EXISTING PIPING HAS BEEN DETERMINED BY VISUAL INSPECTION AND/OR EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, FLOW DIRECTION, ETC., FOR POINTS OF CONNECTION BEFORE STARTING INSTALLATION OF ANY WORK.
2. ALL VENT AND SUPPLY PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.
3. ALL WASTE PIPING IS BELOW THE FLOOR SLAB (IN GRADE) UNLESS OTHERWISE INDICATED.
4. ADD-#1 ⚠ ANY REQUIREMENT TO CORE SLAB IS INCLUDED IN THIS CONTRACT. CORING SHALL BE LEVELED CONSISTENT WITH GENERAL CONTRACTOR'S ACTIVITIES.

NOTES ○

1 UTILIZE EXISTING HOT SUPPLY PIPING AS RETURN PIPING.

2 REMOVE EXISTING ELECTRIC WATER HEATER AND CHANGE EXISTING SUPPLY PIPING TO ACCOMMODATE NEW HEATER. SEE DETAIL THIS SHEET.

3 REMOVE EXISTING COLD SUPPLY PIPING TO EXISTING WATER HEATER AND CAP.

4 EXTEND EXISTING 3/4" CONDENSATE DRAIN OVER FLOOR DRAIN WITH AN AIR GAP.

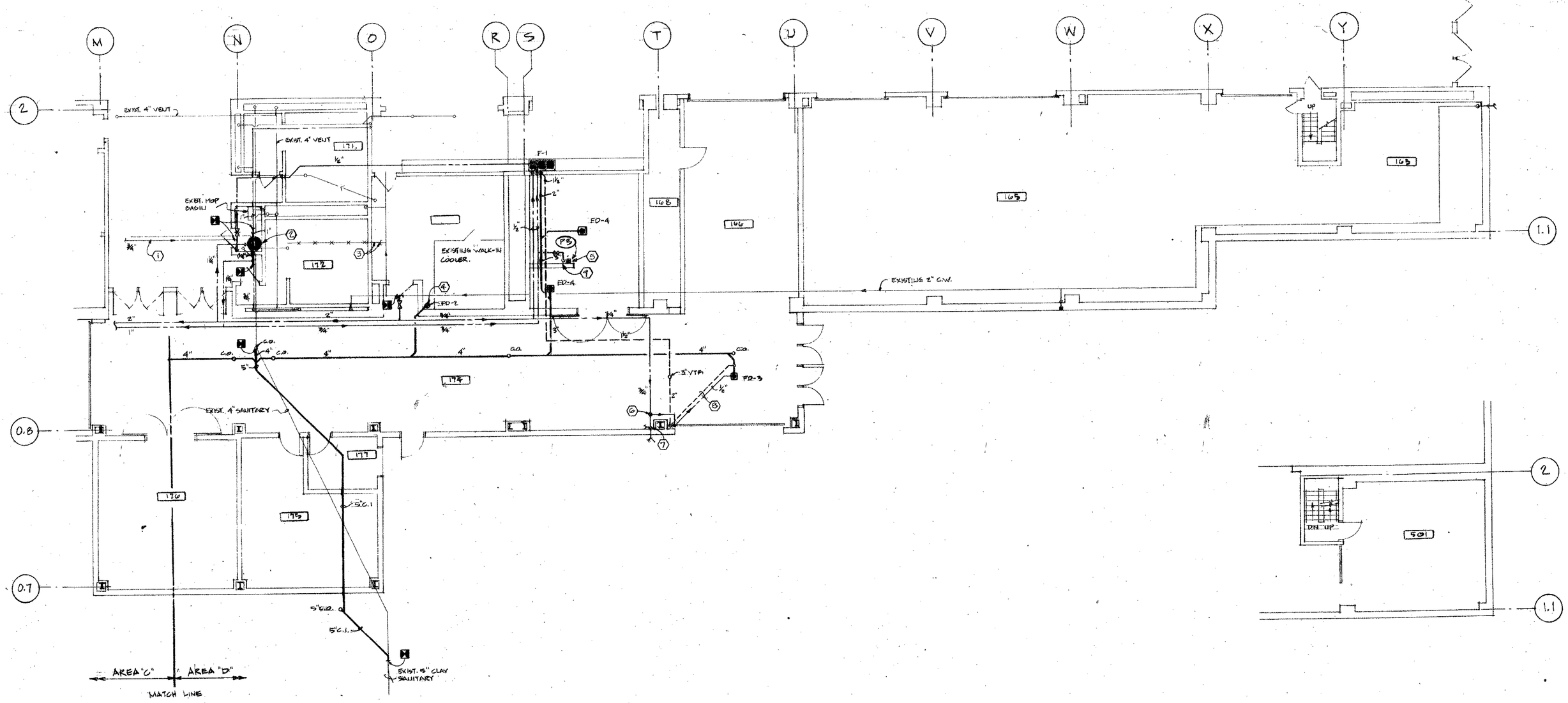
5 HIGH PRESSURE WASHER (PACKAGE UNIT) COMPLETE WITH PUMP, HOSE AND WAND. MOUNT UNIT ON WALL. SEE DETAIL ON SHEET P-1.

6 TRAP PRIMER. SEE SHEET P-1 FOR TYPICAL INSTALLATION.

7 PROVIDE A VALVE IN SUPPLY DROP TO SILLCOCK AND HOSE BIBB.

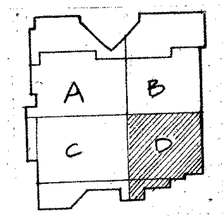
8 INSTALL PIPING BELOW FLOOR.

9 INSTALL SUPPLY PIPING EXPOSED DOWN ALONG WALL.



ROOM NO.	ROOM NAME
161	MAIN EXHIBIT HALL
163	STORAGE
164	STORAGE
165	STORAGE
166	ALCOVE
167	CONCESSION
168	OPERABLE WALL STORAGE
169	TRASH CONTAINER STG.
170	STORAGE
171	M. TOILET
172	W. TOILET
173	JANITOR
174	SERVICE CORRIDOR
175	LOUNGE
176	SERVICE VEHICLES
177	SECURITY
178	HORSE STORAGE
501	STORAGE MEZZ.

ALL WORK IS UNDER ALTERNATE #1 UNLESS OTHERWISE INDICATED.



FOUNDATION AND FIRST FLOOR PLAN - AREA "D"

1/8" = 1'-0"

STATE OF OHIO
29867 T. J. FERDELMAN
T. E. MONNIG 29706
R. J. WIRLING 32065
R. J. PEARSON 34467
R. R. WEBER 41092
REGISTERED PROFESSIONAL ENGINEERS

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⚠ 12-1-86 RECORD DRAWING REVISIONS

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ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio
513/224-1931

DATE 6/9/86
DRAWN BY GM
CHECKED BY TH
PROJECT NO. 5741.00

P-2

203	293		
18	18		
1	1		
CONT	OVER #3		

GENERAL NOTES

1. LOCATION AND SIZES OF EXISTING PIPING HAS BEEN DETERMINED BY VISUAL INSPECTION AND/OR EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, FLOW DIRECTION, ETC., FOR POINTS OF CONNECTION BEFORE STARTING INSTALLATION OF ANY WORK.
2. ALL PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.

NOTES ⬡

1 1-1/4" C.W. AND 3/4" H.W.

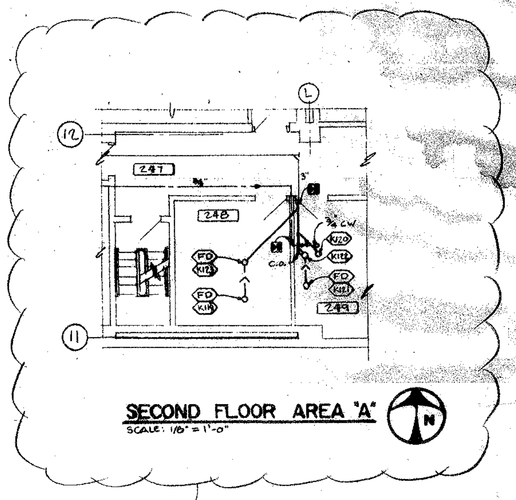
2 1" SUPPLY. DROP IN CHASE WITH 3/4" MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD AND 3/4" DOWN TO FIRST FLOOR.

3 PROVIDE 2" MANIFOLD TO SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.

4 1-1/4" SUPPLY. MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.

5 3/4" SUPPLY DROP IN CHASE. MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.

6 1" C.W. AND 1/2" H.W. MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.



SECOND FLOOR AREA "A"
SCALE: 1/0" = 1'-0"

ADD'N 1 ⚠

LIST OF WATER CLOSET CARRIERS BY WADE. EQUALS BY ZURN & J.R. SMITH

Sheet P-9	Room 215	A1 - #W-310-NL A2 - #W-340-ANL
	Room 216	A2 - #W-310-NR
	Room 221	A1 - #W-350-NV2
	Room 236	A1 - #W-350-NV2-A
	Rooms 241 & 242	A1 - #W-340-ND

A. Reference Base Bid Second Floor Plumbing Drawing P9 dated June 9, 1986:

Room 227 and Corridor 226: Remove existing 1-1/2" PVC insulated waste piping from water cooler in third floor auditorium. Reroute existing 8" soil stack at Column H-15 so that offset in stack is as high as possible. Install new insulated waste piping (as per specs) to existing water cooler as high as possible. No PVC piping shall remain in above the ceiling return plenum areas of Room 227 and Corridor 226.

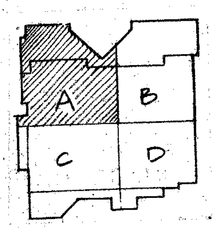
BULL. #6 ⚠

ROOM NO.	ROOM NAME
201	DRESSING
202	DRESSING
203	STORAGE
204	DRESSING
205	W. TOILET
206	MAKE-UP
207	CORRIDOR
208	M. TOILET
209	DRESSING
210	DRESSING
211	DRESSING
212	ALCOVE
213	JANITOR
214	CORRIDOR
215	W. TOILET
216	M. TOILET
217	OFFICES
218	OFFICE
219	RECEPTION/WAITING
220	STORAGE
221	TOILET
222	LOBBY
223	BALCONY
224	ALCOVE
225	STORAGE
226	CORRIDOR
227	STORAGE
228	OFFICE
229	OFFICE
230	LOUNGE
231	SEC./WORK AREA
232	STORAGE
232a	TELEPHONE EQUIP.
233	SECRETARY
234	OFFICE
235	CORRIDOR
236	TOILET
237	SECRETARY
238	CONFERENCE
239	COATS
240	ENTRY
241	M. TOILET
242	W. TOILET
243	CONFERENCE
244	BALCONY
245	CORRIDOR
246	DIRECTOR
247	CORRIDOR
248	OFFICE
249	OFFICE
250	SOUND/LIGHT CONTROL
251	MECHANICAL

SECOND FLOOR PLAN - AREA "A"

1/8" = 1'-0"

AREA "A" — MATCH LINE — AREA "B"



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REGISTERED PROFESSIONAL ENGINEERS
T. J. PROKOLKIN
T. E. MORRIS 26795
R. J. WURLING 33048
R. J. PEARSON 34483
R. R. WEBER 41765

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FIFTH AND MAIN STREETS
DAYTON, OHIO

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204	204
22	22
1	1
CONT.	OVER. #9

GENERAL NOTES

1. ALL PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.

NOTES ⬡

1 INSTALL SUPPLY PIPING ALONG CHASE WALL THRU SECOND FLOOR.

2 INSTALL FIXTURE DRAIN THRU CABINET.

ROOM NO.	ROOM NAME
250	SOUND/LIGHT CONTROL
251	MECHANICAL
252	CORRIDOR
253	STORAGE
254	STORAGE
255	CORRIDOR
256	LOUNGE
257	M. TOILET
258	LOUNGE
259	LOUNGE
260	W. TOILET
261	JANITOR
262	STAGING
263	MEETING ROOM
264	MEETING ROOM
265	CORRIDOR
266	MECHANICAL
267	MECHANICAL
268	MEETING ROOM
269	CORRIDOR
270	MEETING ROOM
271	CORRIDOR
272	MEETING ROOM
273	BOARD/CONFERENCE
274	BOARD/CONFERENCE
275	BALCONY
276	BOARD/CONFERENCE
277	A/V STORAGE
278	BALCONY

WASTE AND VENT DIAGRAM
SCALE: NONE

SECOND FLOOR PLAN - AREA "B"

1/8" = 1'-0"

STATE OF OHIO
28857
T. P. PERDIEU, MAN.
T. E. MOWING 28796
R. J. WELLING 28946
R. J. PEARSON 24483
R. R. WEIRICH 61566
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513 224 1901

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PROJECT NO. 8741.00

205	205
24	24
1	1
CONT	OVER #5

GENERAL NOTES

1. LOCATION AND SIZES OF EXISTING PIPING HAS BEEN DETERMINED BY VISUAL INSPECTION AND/OR EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, FLOW DIRECTION, ETC., FOR POINTS OF CONNECTION BEFORE STARTING INSTALLATION OF ANY WORK.
2. ALL PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.

NOTES

1 1-1/4" C.W., 1" H.W. FROM ABOVE AND 3/4" H.W. DOWN.

2 INSTALL TRAP PRIMER PIPING UP THRU FLOOR. SEE SHEET P-13 FOR CONTINUATION.

3 1-1/4" H.W. FROM ABOVE AND 1" H.W. DOWN.

4 SUPPLY DOWN IN CHASE. MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.

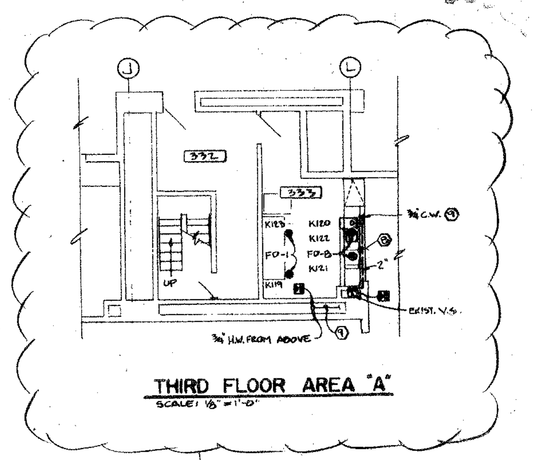
5 1" SUPPLY. DROP IN WALL WITH 3/4" MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD AND 3/4" DOWN TO SECOND FLOOR.

6 PROVIDE A 1-1/2" MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.

7 3" FROM BELOW. INSTALL 4" UP THRU ROOF.

8 INSTALL PIPING AS HIGH AS POSSIBLE IN HALF WALL.

9 EXTEND EXISTING SUPPLY PIPING THRU HALF WALL, MANIFOLD AND SUPPLY EACH FIXTURE INDIVIDUALLY FROM MANIFOLD.



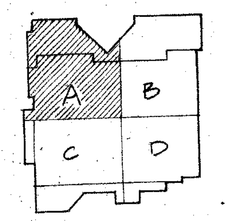
THIRD FLOOR AREA "A"
SCALE: 1/8" = 1'-0"

ADD. #1

LIST OF WATER CLOSET CARRIERS BY WADE, EQUALS BY ZURN & J.R. SMITH

Sheet P-11	Room 320 - West to East	A2 - @W-340-NR A1 - @W-310-NR
	Room 321 - West to East	A1 - @W-310-NR A1 - @W-310-NL A2 - @W-340-NL

ROOM NO.	ROOM NAME
301	THEATER
302	PASSAGE
303	WING
304	CORRIDOR
305	STAGE
306	STORAGE
307	WING
308	CORRIDOR
309	CORRIDOR
310	JANITOR
311	STORAGE
312	MEETING ROOM
313	MEETING ROOM
314	MEETING ROOM
315	MEETING ROOM
316	MEETING ROOM
317	CORRIDOR
318	STORAGE
319	PANTRY
320	W. TOILET
321	M. TOILET
322	COATS
323	LOUNGE
324	LOUNGE
325	W. TOILET
326	ALCOVE
327	VESTIBULE
328	ALCOVE
329	M. TOILET
330	COATS
331	WEST PREFUNCTION
332	CORRIDOR
333	BAR
334	VIP LOUNGE
335	SOUTH PREFUNCTION



AREA "A" AREA "B"
MATCH LINE

THIRD FLOOR PLAN - AREA "A"

1/8" = 1'-0"

STATE OF OHIO
20867 T. E. PETERSEMAN
T. E. MORNING 38765
R. J. WERLING 39949
R. J. PEARSON 54465
R. R. WEBER 61595
REGISTERED PROFESSIONAL ENGINEERS

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206 206
26 26
CONT OVER

GENERAL NOTES

1. ALL PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.

NOTES ⬡

1 INSTALL TRAP PRIMER PIPING UP THRU FLOOR TO DISTRIBUTION UNIT. SEE SHEET P-14 FOR CONTINUATION.

2 INSTALL STORM PIPING TO, AND CONNECT TO, SPACE FRAME GUTTERS.

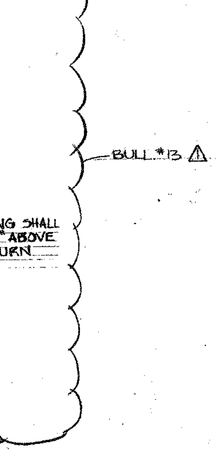
3 INSTALL SUPPLY PIPING ALONG CHASE WALL THRU THIRD FLOOR.

LIST OF WATER CLOSET CARRIERS BY WADE, EQUALS BY ZURN & J.R.SMITH

Sheet P-12	Room 359 - Southeast	A1 - #W-330-NL
	Rooms 359 & 360	A2 - #W-340-ND-M4
	Room 360 - West to East	A1 - #W-310-NR
		A1 - #W-310-NR
		A1 - #W-310-NR

ADD.#1 △

BULL.#13 △



Reference Third Floor Plan, Area "A", Sheet P-12 and Second Floor Plan, Area "B", Sheet P-10.

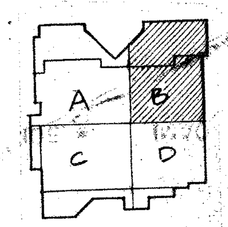
A. Reroute two existing floor drain lines,one from the west of reference line U to the east along reference line 16.1, and down thru the floor to the second floor ceiling. The other floor drain just west of reference line V shall be routed thru the floor down to the second floor ceiling and connected to the other drop made just east of reference line U.1. The combined drains shall be reconnected to the existing drain on the second floor.

Vents required shall be routed around the ductwork. Holes in the ductwork shall be repaired, as well as the insulation, in those areas.

Any horizontal run of the drain line shall be insulated as required by the specification. (See attached Drawing R/P-9 and R/P-10.)

ROOM NO.	ROOM NAME
334	VIP LOUNGE
335	SOUTH PREFUNCTION
336	STORAGE
337	LOUNGE
338	CORRIDOR
339	M. TOILET
340	LOUNGE
341	LOUNGE
342	W. TOILET
343	JANITOR
344	SERVICE
345	MEETING ROOM
346	MEETING ROOM
347	MEETING ROOM
348	SERVICE CORRIDOR
349	STORAGE
350	STAGING
351	COATS
352	MEETING ROOM
353	MEETING ROOM
354	PREFUNCTION
355	CORRIDOR
356	CORRIDOR
358	PREFUNCTION
359	M. TOILET
360	W. TOILET
361	STORAGE
362	OPER. WALL STORAGE
363	SKYWALK
364	STORAGE

AREA "A" AREA "B"
MATCH LINE



THIRD FLOOR PLAN - AREA "B"

1/8" = 1'-0"

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
28867 T. J. FERDELMAN
T. E. MORING 28766
R. J. WERLING 29946
R. J. PEARSON 34483
T. R. WEBER 41386

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P-12

207	207
28	28
1	1
CONT.	OVER #28

GENERAL NOTES

1. LOCATION AND SIZES OF EXISTING PIPING HAS BEEN DETERMINED BY VISUAL INSPECTION AND/OR EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, FLOW DIRECTION, ETC., FOR POINTS OF CONNECTION BEFORE STARTING INSTALLATION OF ANY WORK.
2. ALL PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.

NOTES ⬡

1 1-1/4" C.W. AND 1" H.W.

2 TRAP PRIMER AND DISTRIBUTION UNIT. INSTALL PIPING DOWN ALONG WALL THRU FLOOR. SEE SHEET P-11 FOR CONTINUATION. SEE SHEET P-11 FOR CONTINUATION, SHEET P-1 FOR TYPICAL INSTALLATION.

3 GAS-FIRED WATER HEATER ON A 4" HIGH CONCRETE BASE. SEE DETAIL THIS SHEET.

4 INSTALL PIPING HIGH, AS REQUIRED, TO AVOID DUCTWORK.

5 INSTALL PIPING AS HIGH AS POSSIBLE ABOVE AUDITORIUM CEILING.

6 1-1/4" GAS DROP TO WATER HEATER.

7 OFFSET STACK VENT, AS REQUIRED, UP THRU ROOF.

8 INSTALL PIPING AS HIGH AS POSSIBLE ABOVE EXHIBITION AREA CEILING.

9 SEE SHEET P-14 FOR CONTINUATION.

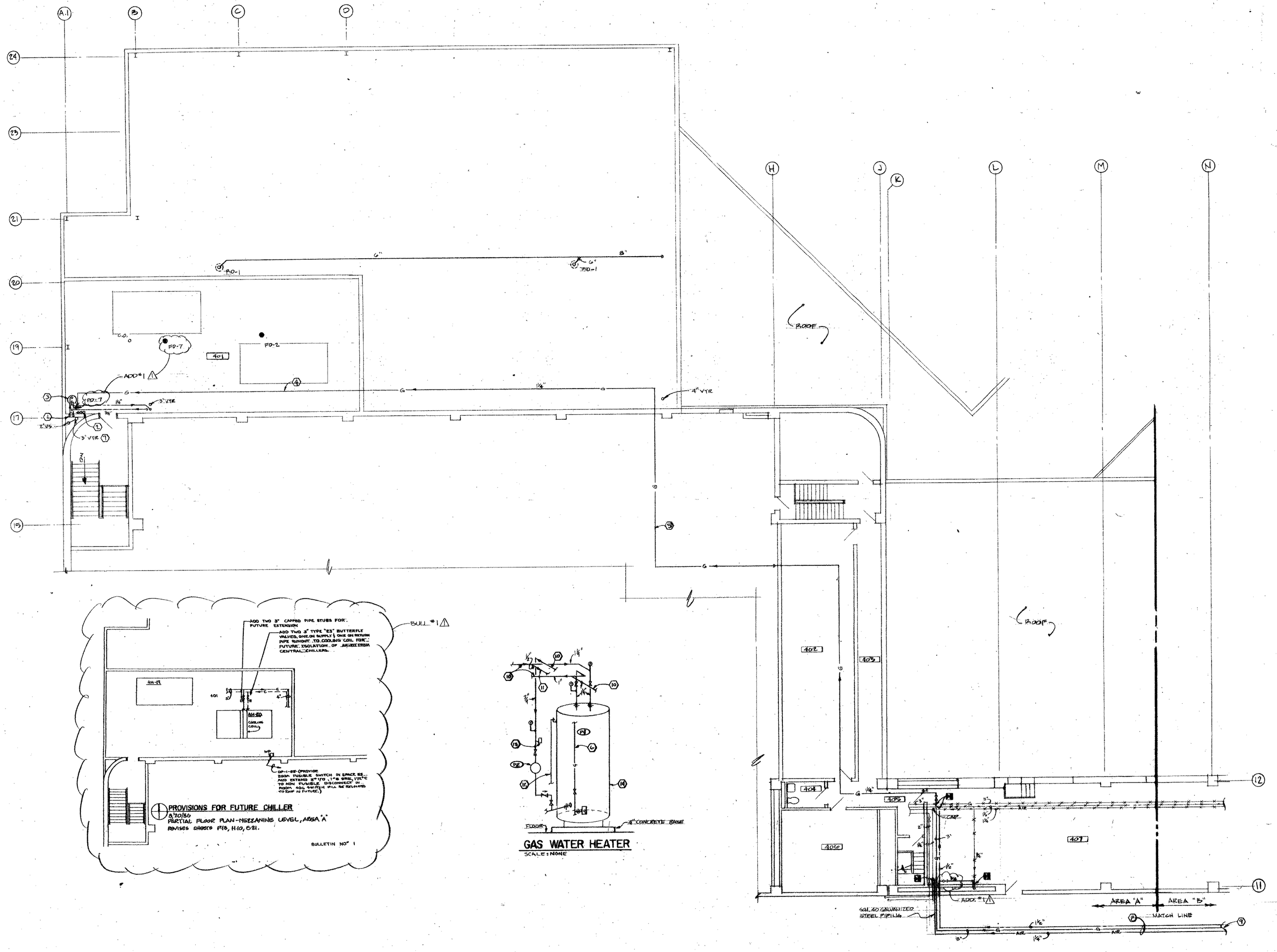
10 SEE FLOOR PLAN FOR CONTINUATION.

11 SUPPLY PIPING TO TRAP PRIMER. PROVIDE A VALVE AHEAD OF PRIMER.

12 RELIEF VALVE DRAIN PIPING. AIR GAP OVER FLOOR DRAIN.

13 SURFACE MOUNTED THERMOSTAT BY E.C. TO CONTROL RECIRCULATING PUMP.

14 STATE INDUSTRIES MODEL SBT50-65E WATER HEATER. REQUIRED FLUE PIPING BY H.C.

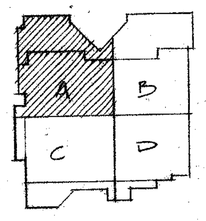


PROVISIONS FOR FUTURE CHILLER
8/20/80
PARTIAL FLOOR PLAN-MEZZANINE LEVEL, AREA 'A'
REVISES SHEETS P18, H-10, E-21.

BULLETIN NO" 1

GAS WATER HEATER
SCALE: NONE

ROOM NO.	ROOM NAME
401	MECHANICAL
402	PROJECTION BOOTH
403	HALL
404	TOILET ROOM
405	HALL
406	MECHANICAL ROOM
407	MECHANICAL EQUIPMENT



FOURTH FLOOR PLAN - AREA "A"
1/8" = 1'-0"

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
20067 T. J. FERDELMAN
T. E. NONNIG 29740
R. J. WERLING 33946
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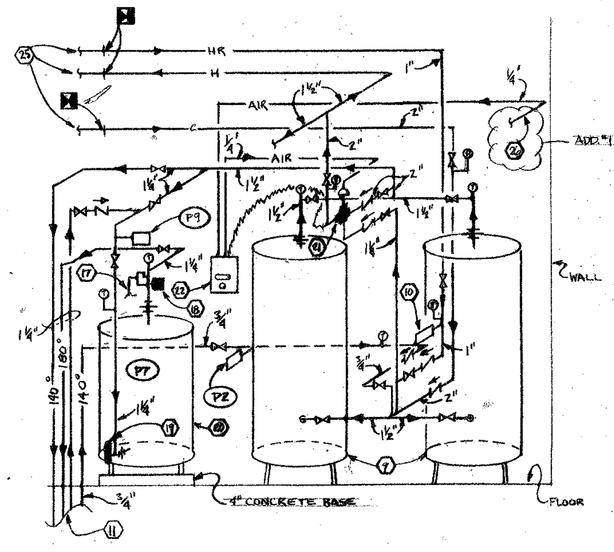
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24 North Jefferson Street
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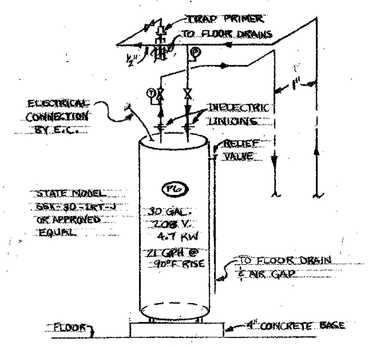
20B	20B
32A	32A
1	1
CONT.	OVER.

NOTES

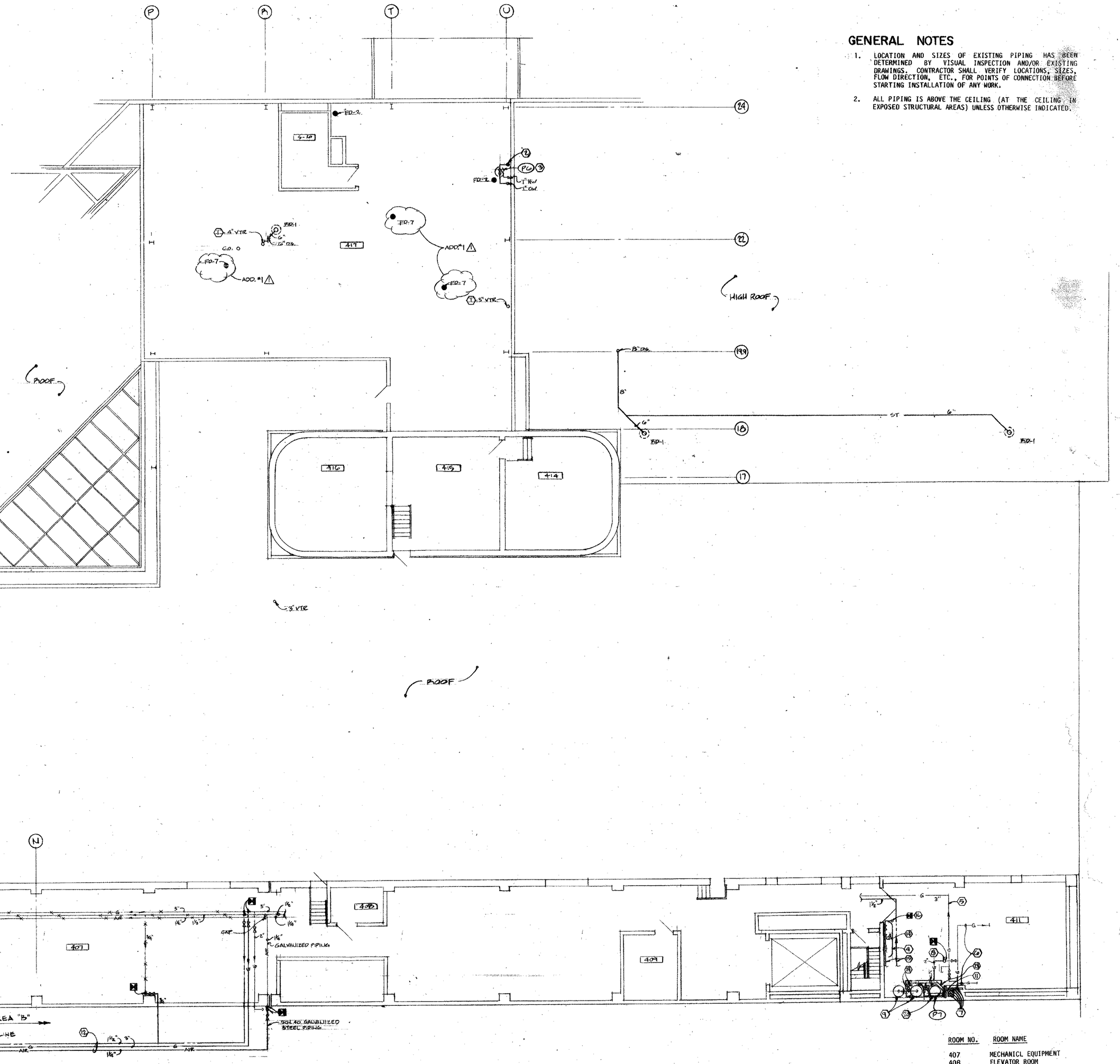
1. OFFSET PIPING, AS REQUIRED, UP THRU ROOF.
2. TRAP PRIMER AND DISTRIBUTION UNIT. INSTALL PIPING DOWN ALONG WALL THRU FLOOR. SEE SHEET P-12 FOR CONTINUATION. SEE SHEET P-1 FOR TYPICAL INSTALLATION.
3. ADD.#1 △ PROVIDE AN ELECTRIC WATER HEATER ON A 4" HIGH CONCRETE BASE. ~~SEE DETAIL THIS SHEET.~~
4. EXISTING AIR COMPRESSOR.
5. EXISTING LOW PRESSURE GAS PIPE.
6. EXISTING 1 LB. GAS TO BOILERS.
7. EXISTING STORM, WASTE, GAS AND SUPPLY PIPING IN CHASE.
8. REMOVE EXISTING GAS REGULATOR AND PROVIDE NEW REGULATOR RATED AT 1800 CFH.
9. EXISTING WATER HEATERS. MOVE HEATERS WESTWARD AS FAR AS POSSIBLE TOWARDS WEST WALL OF BOILER ROOM. MAINTAIN ACCESS FOR SERVICING AND/OR REPLACEMENT. REROUTE EXISTING AND INSTALL NEW PIPING TO RELOCATED WATER HEATERS. SET THERMOSTATS AT 140 DEGREES F. FLUE PIPING BY H.C.
10. EXISTING RECIRCULATING PUMP. INSTALL PUMP BETWEEN EXISTING WATER HEATERS WITH THE MINIMUM ACCEPTABLE CLEARANCE BETWEEN WATER HEATERS FOR SERVICING AND/OR REPLACEMENT OF PUMP.
11. SUPPLY PIPING DOWN THRU FLOOR ALONG CHASE WALL.
12. INSTALL PIPING AS HIGH AS POSSIBLE ABOVE EXHIBITION AREA CEILING.
13. SEE SHEET P-13 FOR CONTINUATION.
14. WATTS TYPE NO. C10-02-FR AIR PRESSURE REGULATOR WITH STRAINER ON INLET AND GAUGE ON OUTLET. SET AIR PRESSURE AT 20 PSI MAXIMUM.
15. SEE DIAGRAM THIS SHEET FOR CONTINUATION.
16. EXISTING 1-1/4" GALVANIZED STEEL PIPING.
17. 3/4" PRESSURE RELIEF VALVE, WATTS TYPE 174A-125 LBS. RUN DRAIN TO FLOOR DRAIN WITH AN AIR GAP.
18. SAFETY FLOW SWITCH, A.O. SMITH PACKAGE NO. 78168.
19. LINE TEMPERATURE CONTROL, A.O. SMITH PACKAGE NO. 86871.
20. A.O. SMITH MODEL HW-300 BOOSTER HEATER. REQUIRED ELECTRICAL CONNECTION AND CONTROL WIRING BY E.C. CONTROL OF HEATER SHALL BE FROM DISHWASHER'S WASH CYCLE WATER SOLENOID VALVE. REQUIRED FLUE BY H.C.
21. POWERS FLOWRITE PNEUMATIC TYPE TEMPERING VALVE MODEL 591-6640.
22. POWERS SERIES 200 PNEUMATIC TEMPERATURE CONTROLLER MODEL 163-0010. SET CONTROLLER FOR 120 DEGREES F.
23. 1-1/4" GAS PIPING DROP ALONG SIDE OF BOOSTER HEATER. PROVIDE A GAS COCK, DIRT LEG AND UNION. CONNECT TO BOOSTER HEATER.
24. 1-1/2" GAS PIPING DROP ALONG SIDE OF RELOCATED WATER HEATER. PROVIDE A GAS COCK, DIRT LEG AND UNION. CONNECT TO RELOCATE WATER HEATER.
25. EXISTING SUPPLY PIPING FROM/TO CHASE.
26. INSTALL AIR PIPING ALONG WALL TO AND CONNECT TO EXISTING AIR PIPING ABOVE EXISTING AIR COMPRESSOR. SEE FLOOR PLAN.



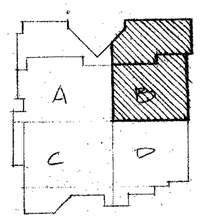
GAS WATER HEATER
SCALE: NONE



ELECTRIC WATER HEATER
SCALE: NONE



ROOM NO.	ROOM NAME
407	MECHANICL EQUIPMENT
408	ELEVATOR ROOM
409	ELEVATOR ROOM
411	MECHANICAL ROOM
414	MECHANICAL
415	RANK ROOM
416	MECHANICAL
417	MECHANICAL



GENERAL NOTES

1. LOCATION AND SIZES OF EXISTING PIPING HAS BEEN DETERMINED BY VISUAL INSPECTION AND/OR EXISTING DRAWINGS. CONTRACTOR SHALL VERIFY LOCATIONS, SIZES, FLOW DIRECTION, ETC., FOR POINTS OF CONNECTION BEFORE STARTING INSTALLATION OF ANY WORK.
2. ALL PIPING IS ABOVE THE CEILING (AT THE CEILING IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.

1/8" = 1'-0"

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
T. J. FERGUSON
T. E. MONNIG 39706
D. J. WERLING 39048
R. J. PEARSON 54485
R. R. WEBER 41705

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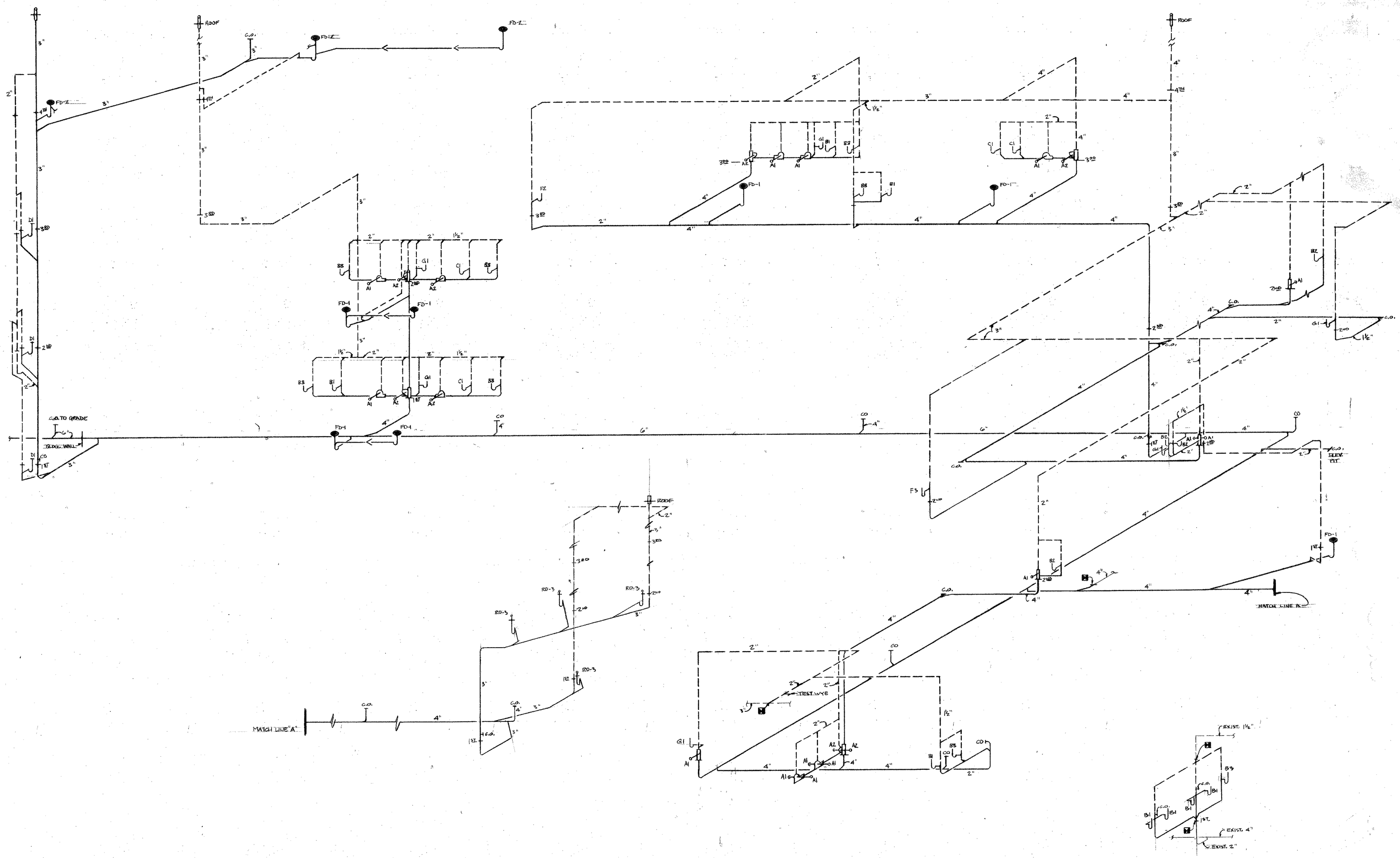
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RENOVATION AND EXPANSION OF
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DAYTON, OHIO

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513/224-1451

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PROJECT NO. 9741.00

209 | 209
328 | 328
CONF. | OVER. TO



SOIL WASTE & VENT DIAGRAM

SCALE: NONE

STATE OF OHIO
T. J. FERDELMAN
T. E. MONNIG 25704
R. J. WEHLING 33045
R. J. PEARSON 34483
R. R. WEBER 41380
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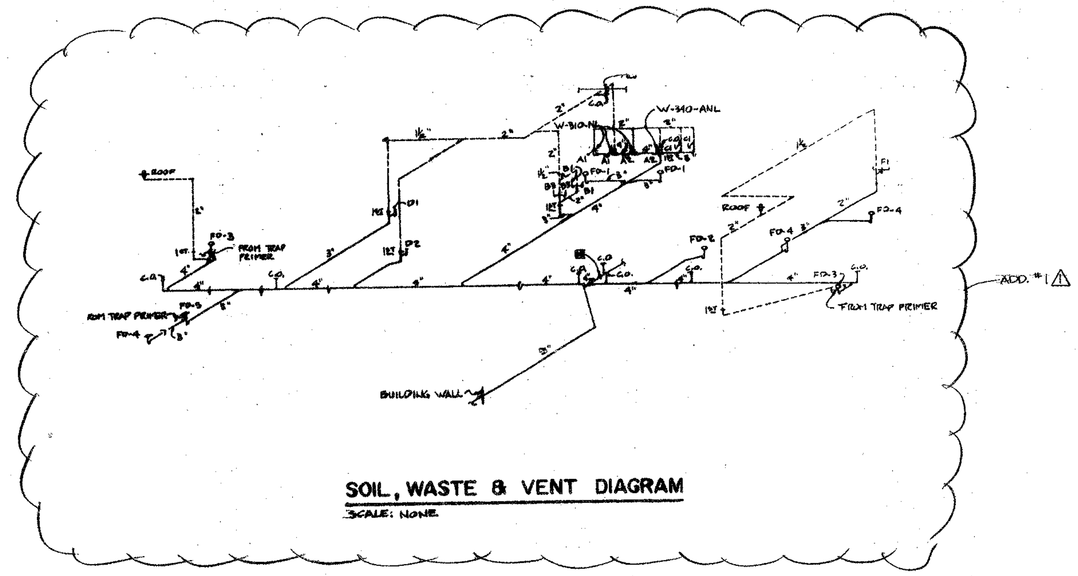
REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

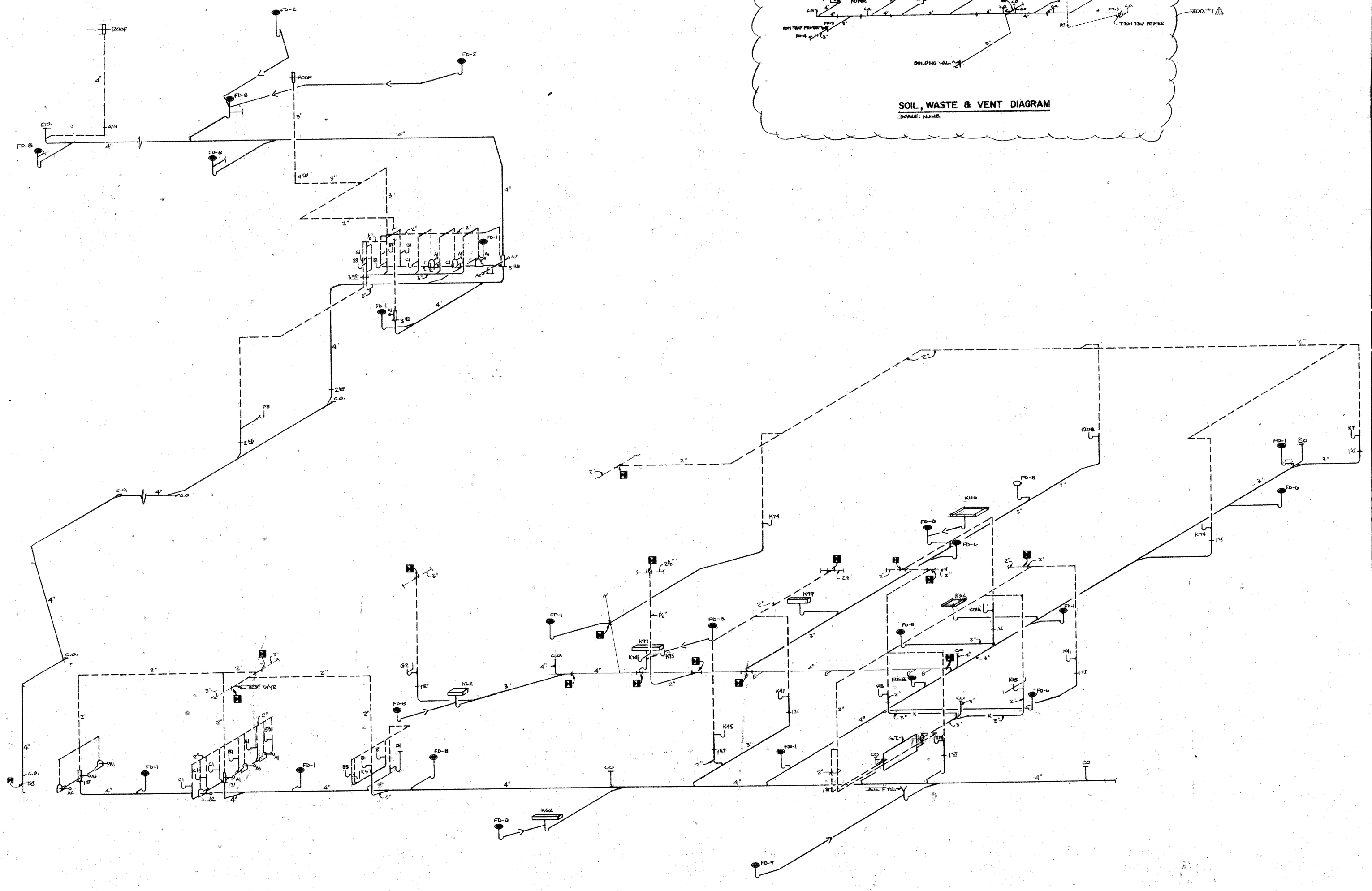
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P–15



SOIL, WASTE & VENT DIAGRAM
SCALE: NONE



SOIL, WASTE & VENT DIAGRAM
SCALE: NONE

STATE OF OHIO
20867 T. J. FENDELMAN
T. E. MONNIG 30765
B. J. WERLING 33492
R. J. PEARSON 34482
R. R. WEBER 41760
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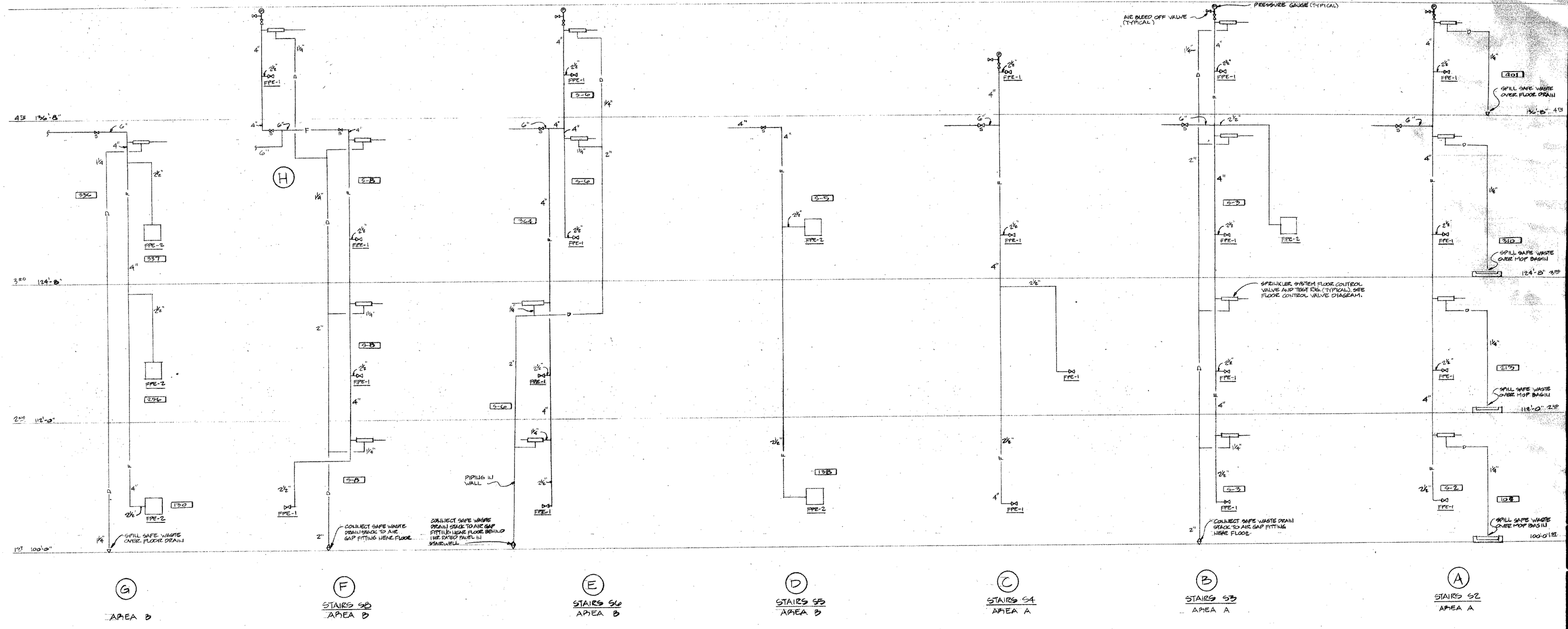
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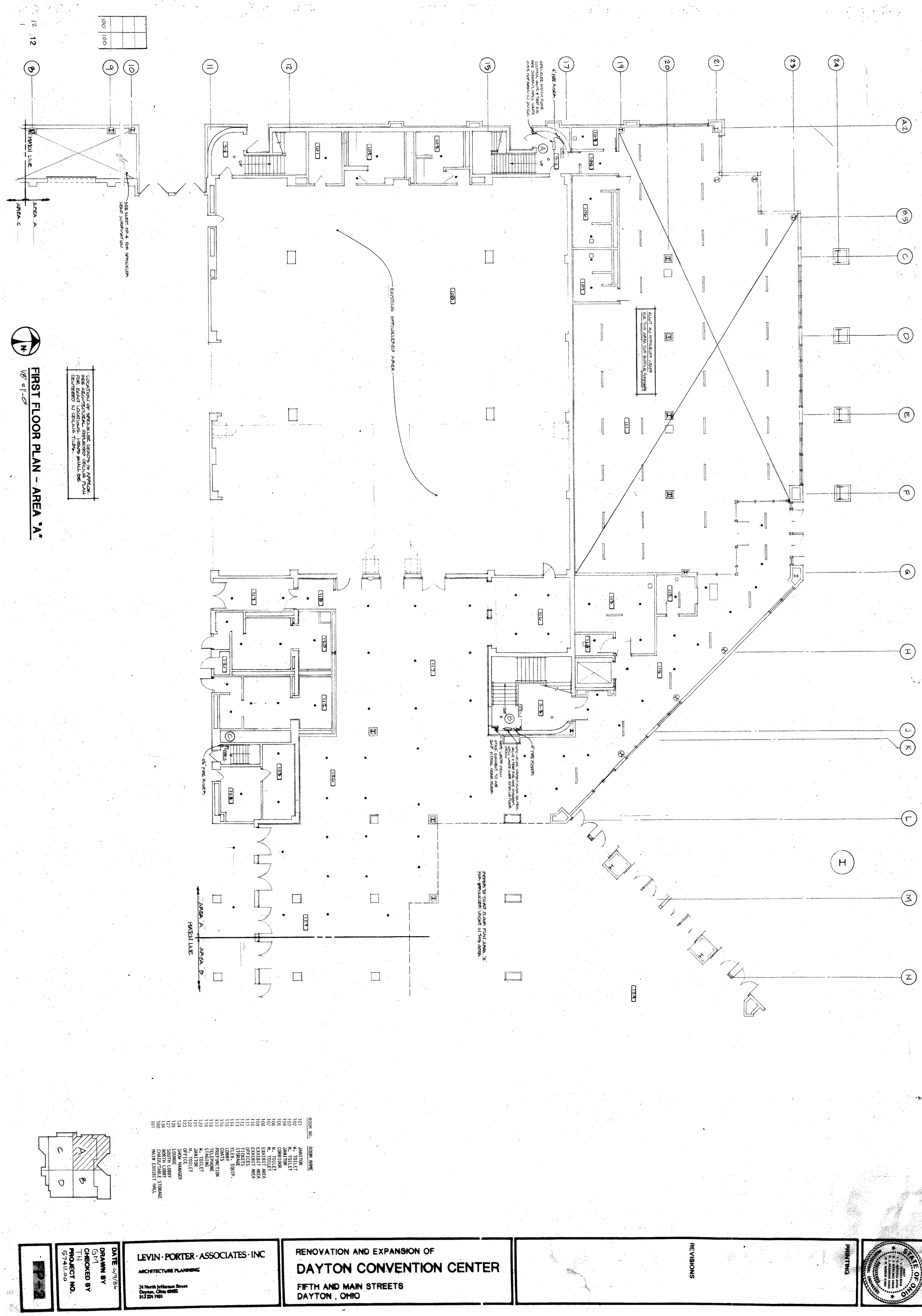
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P-16


4TH 136'-8"
3RD 124'-8"
2ND 112'-0"
1ST 100'-0"
SPILL SAFE WASTE OVER FLOOR DRAIN
COLLECT SAFE WASTE DRAIN STACK TO AIR GAP FITTING HERE FLOOR.
COLLECT SAFE WASTE DRAIN STACK TO AIR GAP FITTING HERE FLOOR BEHIND 1HR RATED PANEL IN STAIRWELL.
PIPING IN WALL
AIR BLEED OFF VALVE (TYPICAL)
PRESSURE GAUGE (TYPICAL)
SPRINKLER SYSTEM FLOOR CONTROL VALVE AND TEST ENS. (TYPICAL) SEE FLOOR CONTROL VALVE DIAGRAM.
SPILL SAFE WASTE OVER MOP BASIN
FPE-1
FPE-2
S-1
S-2
S-3
S-4
S-5
S-6
S-7
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S-9
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A.2
B.5
C
D
E
F
G
H
J
K
L
M
N
MATCH LINE
AREA A
AREA C
SEE SHEET FP-4 FOR SPRINKLER HEAD INFORMATION
4" FIRE RISER
SPRINKLER SYSTEM FLOOR CONTROL VALVE & TEST FLOW SEE DIAGRAM, SPILL WASTE OVER FLOOR DRAIN
ADD 40 SPRINKLER HEADS FOR THIS AREA FOR BIDDING PURPOSES
EXISTING SPRINKLERED AREA
SPRINKLER SYSTEM FLOOR CONTROL VALVE & TEST FLOW SEE DIAGRAM, SPILL WASTE OVER FLOOR DRAIN
SAFE WASTE DRAIN STACK CONNECT TO AIR GAP FITTING NEAR FLOOR
4" FIRE RISER
2½" FIRE RISER
REFER TO THIRD FLOOR PLAN AREA 'A' FOR SPRINKLER LAYOUT IN THIS AREA
AREA A
AREA B
MATCH LINE
UP
DN
FPE-1
FPE-2
FPE-3
101
102
103
104
105
106
107
108
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161
LOCATION OF SPRINKLER HEADS IS APPROX. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS. HEADS SHALL BE CENTERED IN CEILING TILES.
FIRST FLOOR PLAN – AREA "A"
1/8" = 1'-0"
ROOM NO. ROOM NAME
101 JANITOR
102 W. TOILET
103 M. TOILET
104 JANITOR
105 CORRIDOR
106 W. TOILET
107 M. TOILET
108 EXHIBIT AREA
109 EXHIBIT AREA
110 EXHIBIT AREA
111 OFFICES
112 TICKETS
113 STORAGE
114 ELEV. EQUIP.
115 LOBBY
116 COATS
117 PREFUNCTION
118 TELEPHONE
119 STAGING
120 W. TOILET
121 JANITOR
122 M. TOILET
123 OFFICE
124 SHOW MANAGER
125 LOUNGE
126 SOUTH LOBBY
127 NORTH LOBBY
134 CHAIR/TABLE STORAGE
160 MAIN EXHIBIT HALL
A
B
C
D
FP-2
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1. Furnish a 1-hour rated access panel for installation in Stair No. S-6 at drain connection to air gap fitting. Turn panel over to General Contractor for installation. — ADD. #1

SPRINKLER SYSTEM FLOOR CONTROL & TEST FIG, SEE DIAGRAM

SAFE WASTE DRAIN STACK CONNECT TO AIR GAP FITTING ABOVE FLOOR

4" FIRE RISER

PIPING IN THIS STAIRWELL SHALL BE CONCEALED

REFER TO THIRD FLOOR PLAN AREA "B" FOR SPRINKLER LAYOUT IN THIS AREA

REFER TO SECOND FLOOR PLAN AREA B FOR SPRINKLER HEAD LAYOUT IN THESE AREAS

LIMITS OF FLOOR ABOVE

SAFE WASTE DRAIN STACK CONNECT TO AIR GAP FITTING ABOVE FLOOR

SPRINKLER SYSTEM FLOOR CONTROL VALVE & TEST FIG. SEE DIAGRAM.

4" FIRE RISER

4" FIRE RISER

4" FIRE RISER

DOWNING FLOOR DRAIN

SAFE WASTE DRAIN STACK, GRILL OVER, EIGHT FLOOR DRAIN

AREA A — AREA B
MATCH LINE

LOCATION OF SPRINKLER HEADS IS APPROX. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS. HEADS SHALL BE CENTERED IN CEILING TILES.

FIRST FLOOR PLAN - AREA "B"

1/8" = 1'-0"

ROOM NO.	ROOM NAME
127	S. LOBBY
128	CONCESSIONS
129	STORAGE
130	LOBBY
131	WORK/STORAGE
131A	STORAGE
131B	VAULT
131C	STORAGE
132	VENDING
133	SECURITY
134	N. LOBBY
135	STORAGE
136	COATS
137	STORAGE
138	BANQUET HALL
139	ELECTRIC
140	FIRST AID
141	TOILET
142	OFFICE
143	STAGING
144	DRY FOOD STORAGE
145	SEC. STORAGE
146	KITCHEN
147	ALCOVE
148	ALCOVE
149	M. TOILET
150	W. TOILET
151	JANITOR
152	CORRIDOR
153	METER
154	TRASH
155	W. TOILET
156	M. TOILET
157	W. TOILET
158	JANITOR
159	M. TOILET
161	MAIN EXHIBIT HALL
162	BALLROOM

A | B
C | D

STATE OF OHIO
28827 T. J. FERGUSMAN
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R. A. BERLING 32982
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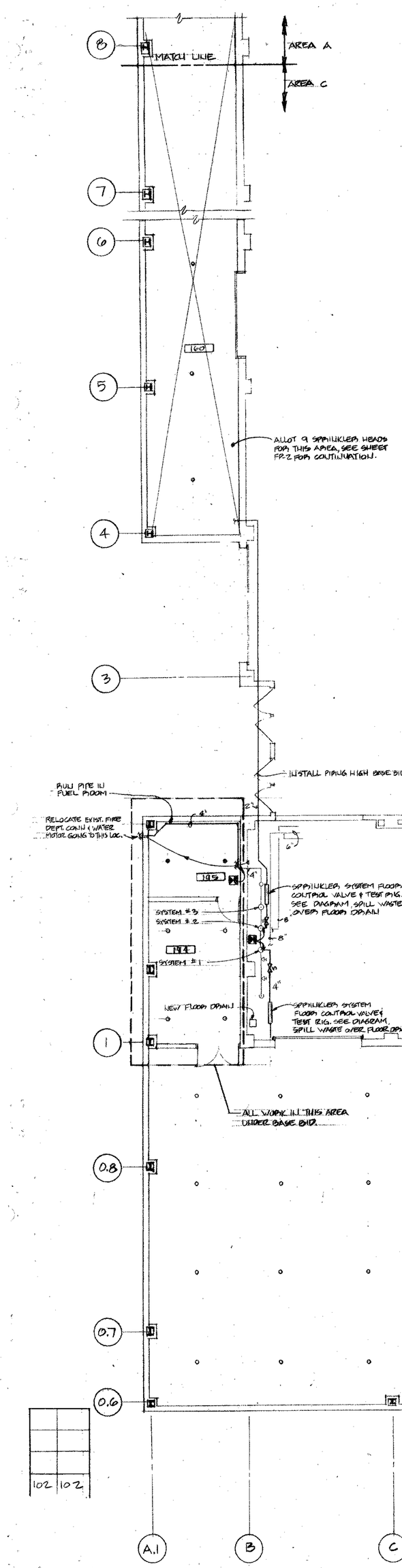
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FIFTH AND MAIN STREETS
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FP-3

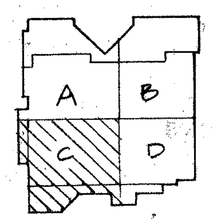
101	101
14	14
1	1
OF 19	OVER #19



ADD #1

1. All work in Room 160 is part of base bid.
2. Under base bid, drains from sprinkler test rig shall be installed thru building's south wall and spill outside.

ROOM NO.	ROOM NAME
160	CHAIR/TABLE STORAGE
161	MAIN EXHIBIT HALL
174	RECEIVING
176	VEHICLE STORAGE
178	HALLWAY
179	M. TOILET
180	W. TOILET
181	DRESSING
182	DRESSING
183	LOCKERS
184	M. TOILET
185	W. TOILET
186	LOCKERS
187	SHOP/JAN./MAINT. STG.
188	REPAIR SHOP
189	SHOW DECORATOR
190	SERVICE ALCOVER
191	RECEIVING
192	BLEACHER STORAGE
193	BLEACHER STORAGE
194	GENERATOR
195	FUEL ROOM
161	MAIN EXHIBIT HALL
163	STORAGE
164	STORAGE
165	STORAGE
166	ALCOVE
167	CONCESSION
168	OPERABLE WALL STORAGE
169	TRASH CONTATINER STG.
170	STORAGE
171	M. TOILET
172	W. TOILET
173	JANITOR
174	SERVICE CORRIDOR
175	LOUNGE
176	SERIVCE VEHICLES
177	SECURITY



FIRST FLOOR PLAN - AREA 'C'

1/8" = 1'-0"

LOCATION OF SPRINKLER HEADS IS APPROX. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS. HEADS SHALL BE CENTERED IN CEILING TILES.

ALL WORK IS UNDER ALTERNATE #1 UNLESS OTHERWISE INDICATED

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1982
T. J. FRIEDSMAN
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R. J. WIRLING 53040
J. PEARSON 34483
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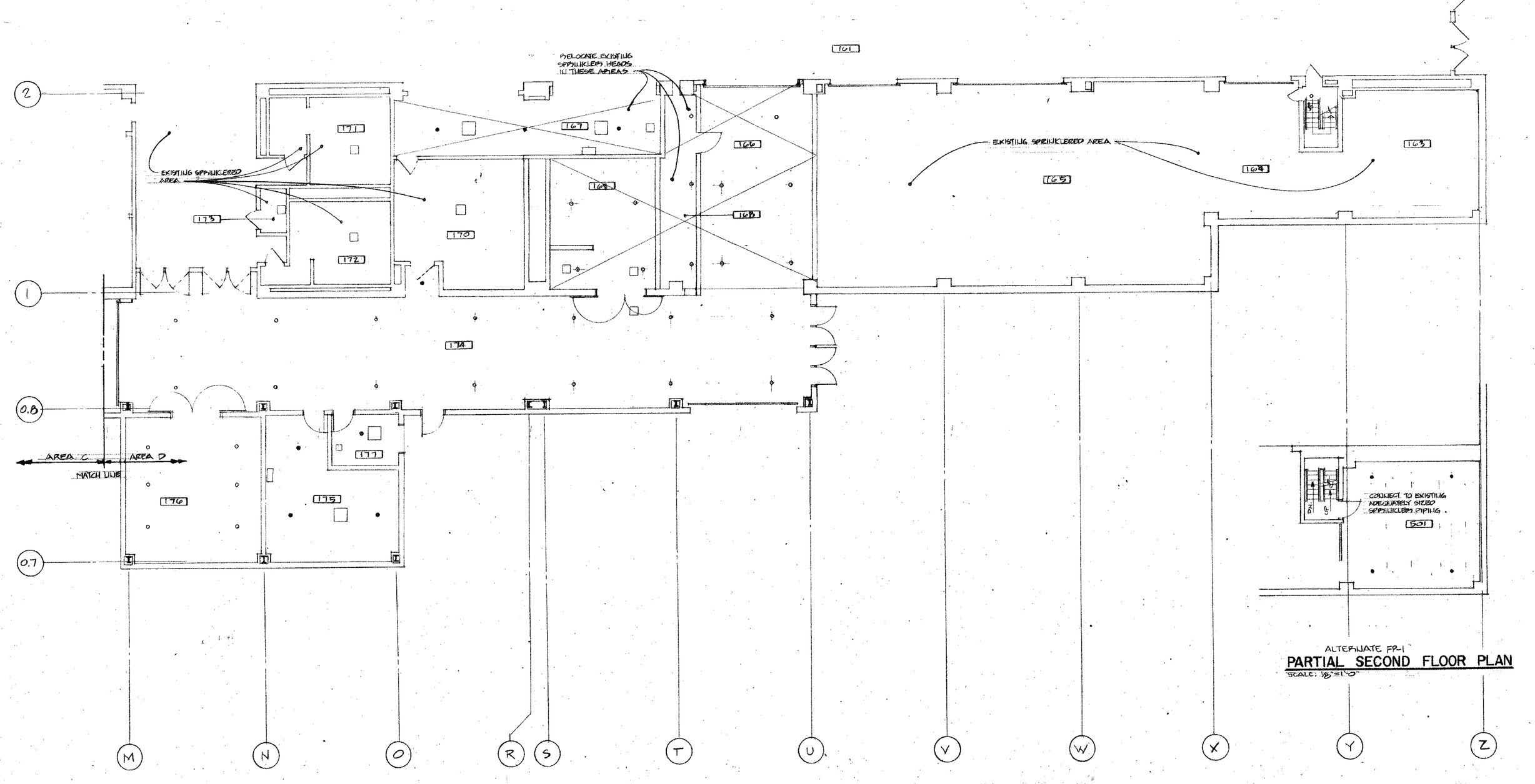
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ROOM NO.	ROOM NAME
161	MAIN EXHIBIT HALL
163	STORAGE
164	STORAGE
165	STORAGE
166	ALCOVE
167	CONCESSION
168	OPERABLE WALL STORAGE
169	TRASH CONTAINER STG.
170	STORAGE
171	M. TOILET
172	W. TOILET
173	JANITOR
174	SERVICE CORRIDOR
175	LOUNGE
176	SERVICE VEHICLES
177	SECURITY
178	HORSE STORAGE
501	STOR. MEZZ.

ALTERNATE FP-1

PARTIAL SECOND FLOOR PLAN

SCALE: 1/8"=1'-0"

103 | 103

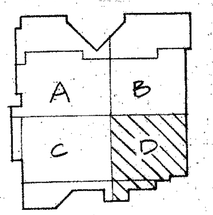
18 **18**

FIRST FLOOR PLAN - AREA "D"

1/8" = 1'-0"

LOCATION OF SPRINKLER HEADS IS APPROX. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS. HEADS SHALL BE CENTERED IN CEILING TILES.

ALL WORK IS UNDER ALTERNATE FP-1 UNLESS OTHERWISE INDICATED.



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T. C. MORRIS 29796
R. J. WERLING 59949
R. J. PEARSON 34482
T. R. WEBER 41290

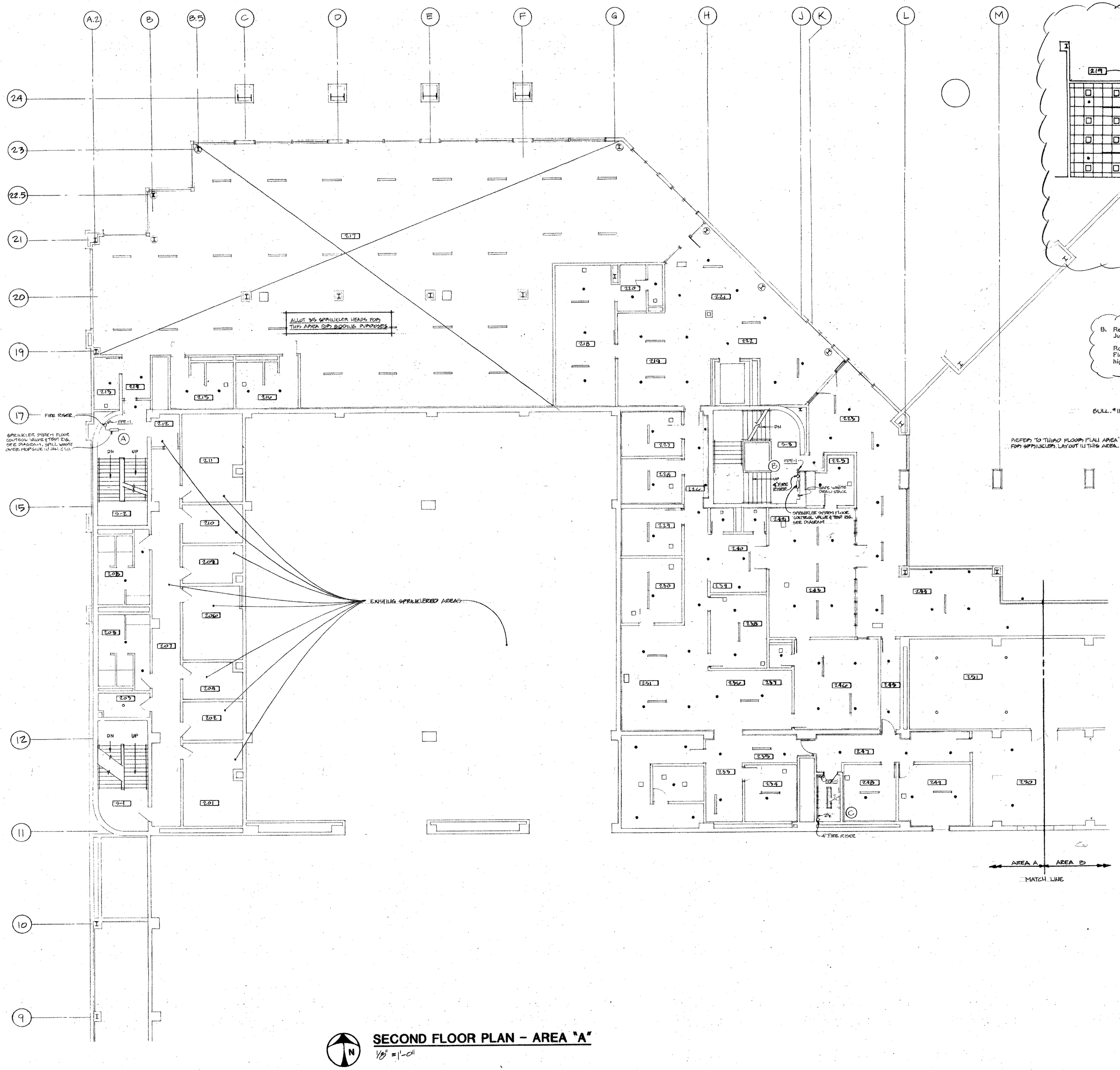
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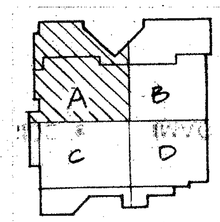
B. Reference Base Bid Second Floor Fire Protection Plan FP-6 dated June 9, 1986:

Room 227: Reroute existing 1-1/2" fire protection piping to Third Floor hose station in the Auditorium. New piping shall be installed as high as possible.

Reference Second Floor Area "A" Fire Protection Plan FP-6 and Specification Section 15553 - Halon Fire Suppression System. Specification Section 15553 is being added by this Bulletin.

Provide a complete Halon Fire Suppression System in Room 232A (Telephone Equipment Room) as described in attached Specification Section 15553 - Halon Fire Suppression System.

ROOM NO.	ROOM NAME
201	DRESSING
202	DRESSING
203	STORAGE
204	DRESSING
205	W. TOILET
206	MAKE-UP
207	CORRIDOR
208	M. TOILET
209	DRESSING
210	DRESSING
211	DRESSING
212	ALCOVE
213	JANITOR
214	CORRIDOR
215	W. TOILET
216	M. TOILET
217	OFFICES
218	OFFICE
219	RECEPTION/WAITING
220	STORAGE
221	TOILET
222	LOBBY
223	BALCONY
224	ALCOVE
225	STORAGE
226	CORRIDOR
227	STORAGE
228	OFFICE
229	OFFICE
230	LOUNGE
231	SEC./WORK AREA
232	STORAGE
232a	TELEPHONE EQUIP.
233	SECRETARY
234	OFFICE
235	CORRIDOR
236	TOILET
237	SECRETARY
238	CONFERENCE
239	COATS
240	ENTRY
241	M. TOILET
242	W. TOILET
243	CONFERENCE
244	BALCONY
245	CORRIDOR
246	DIRECTOR
247	CORRIDOR
248	OFFICE
249	OFFICE
250	SOUND/LIGHT CONTROL
251	MECHANICAL



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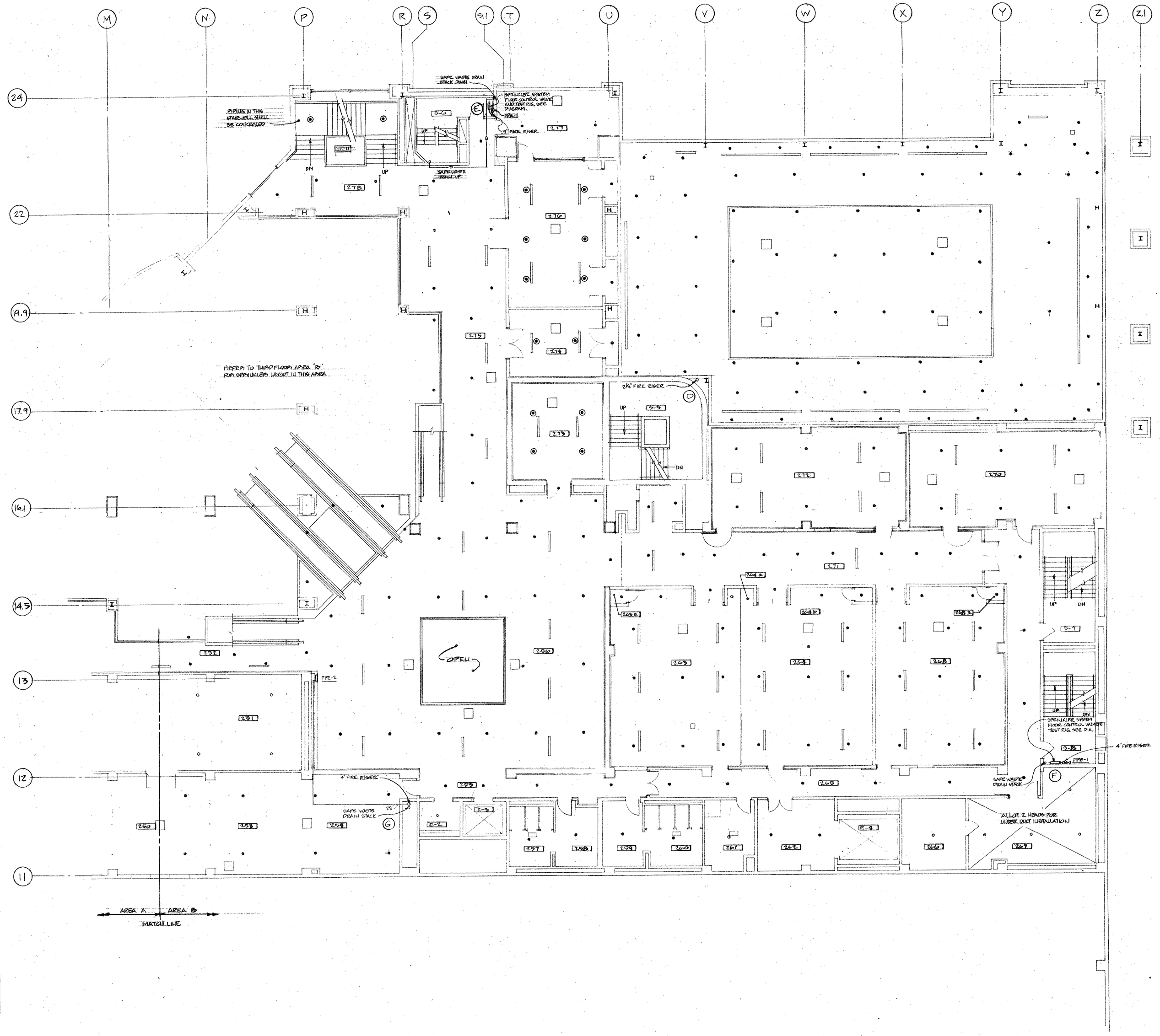
FP-6

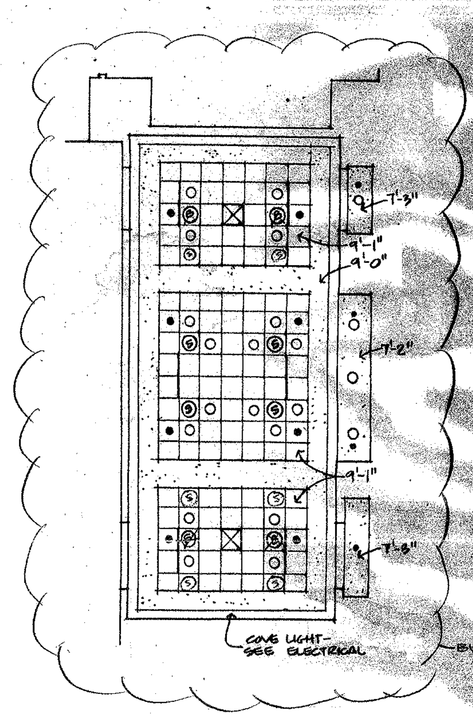
104 | 104

22 22

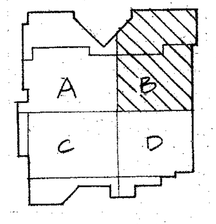
SECOND FLOOR PLAN - AREA "A"

1/8" = 1'-0"





ROOM NO.	ROOM NAME
250	SOUND/LIGHT CONTROL
251	MECHANICAL
252	CORRIDOR
253	STORAGE
254	STORAGE
255	CORRIDOR
256	LOUNGE
257	M. TOILET
258	LOUNGE
259	LOUNGE
260	W. TOILET
261	JANITOR
262	STAGING
263	MEETING ROOM
264	MEETING ROOM
265	CORRIDOR
266	MECHANICAL
267	MECHANICAL
268	MEETING ROOM
269	CORRIDOR
270	MEETING ROOM
271	CORRIDOR
272	MEETING ROOM
273	BOARD/CONFERENCE
274	BOARD/CONFERENCE
275	BALCONY
276	BOARD/CONFERENCE
277	A/V STORAGE
278	BALCONY



105 | 105

24 24
1

SECOND FLOOR PLAN - AREA "B"

1/8" = 1'-0"

LOCATION OF SPRINKLER HEADS IS APPROX. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS. HEADS SHALL BE CENTERED IN CEILING TILES.

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R. J. SPERLING 93068
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J. M. WEBER 41295

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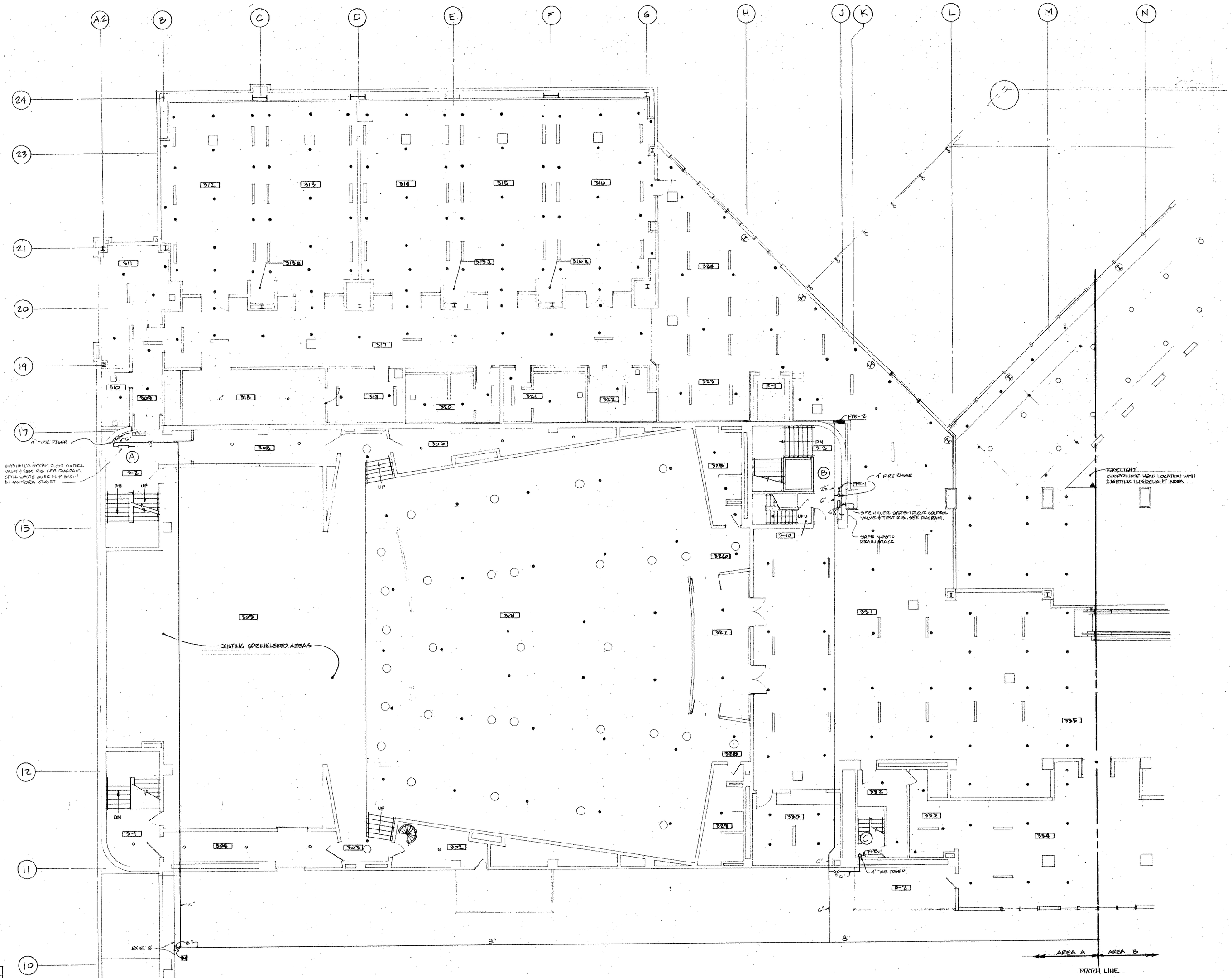
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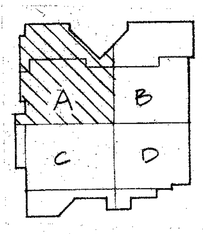
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FP-7



ROOM NO.	ROOM NAME
301	THEATER
302	PASSAGE
303	WING
304	CORRIDOR
305	STAGE
306	STORAGE
307	WING
308	CORRIDOR
309	CORRIDOR
310	JANITOR
311	STORAGE
312	MEETING ROOM
313	MEETING ROOM
314	MEETING ROOM
315	MEETING ROOM
316	MEETING ROOM
317	CORRIDOR
318	STORAGE
319	PANTRY
320	W. TOILET
321	M. TOILET
322	COATS
323	LOUNGE
324	LOUNGE
325	W. TOILET
326	ALCOVE
327	VESTIBULE
328	ALCOVE
329	M. TOILET
330	COATS
331	WEST PREFUNCTION
332	CORRIDOR
333	BAR
334	VIP LOUNGE
335	SOUTH PREFUNCTION



THIRD FLOOR PLAN - AREA "A"

1/8" = 1'-0"

LOCATION OF SPRINKLER HEADS IS APPROX. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS. HEADS SHALL BE CENTERED IN CEILING TILES.

106 | 106

26

STATE OF OHIO
T. J. KERSHAW
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FP-3

THIRD FLOOR PLAN - AREA "B"

N

LOCATION OF SPRINKLER HEADS IS APPROX. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS. HEADS SHALL BE CENTERED IN CEILING TILES.

Reference Third Floor Area "B" Fire Protection Plan FP-9 and Bulletin No. 11 Drawing R/FP-2 and R/FP-3 dated August 6, 1987. Drawings R/FP-2 and R/FP-3 are being added by this Bulletin.

A. Provide a complete dry pipe system for the skylight area as shown on Drawings R/FP-2 and R/FP-3, and as described below:

1. The dry-pipe valve assembly shall be complete with all necessary components and trimmings including differential latch-type valve, accelerator, water pressure gauge, air pressure gauge, priming cup, drip funnel, air maintenance device, shut-off valves, check valves, relief valves, line device and face piping. Pressure rating of the assembly shall be compatible with the system design pressure. Valve shall be arranged for connection to dedicated air compressor.

2. Air compressor for dry-pipe sprinkler system shall be a unit manufactured specifically for sprinkler system service. Assembly shall be complete with all necessary accessories including control components. Compressor capacity, pressure rating, motor horse-power and electrical characteristics shall be as required for the application.

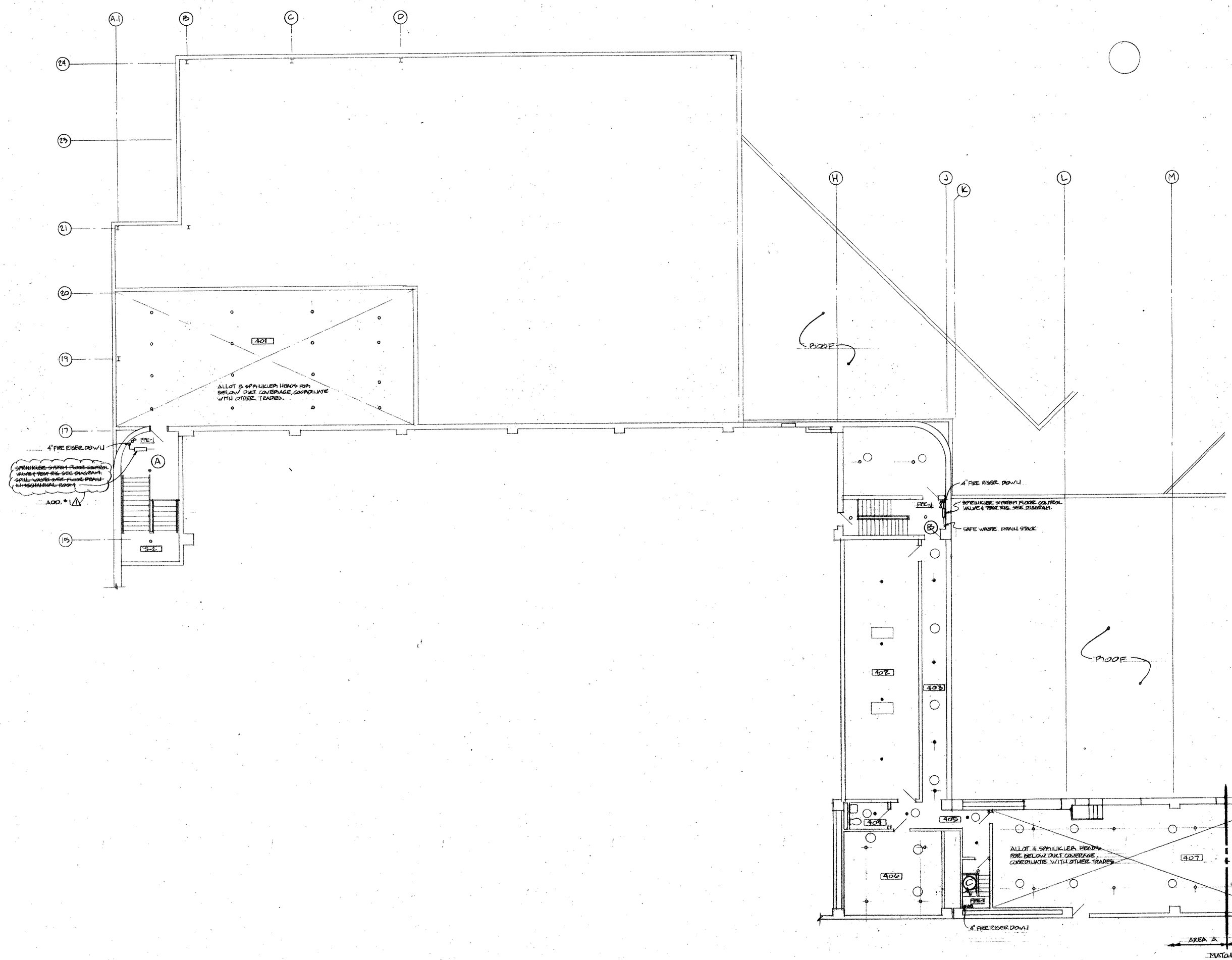
ROOM NO.	ROOM NAME
334	VIP LOUNGE
335	SOUTH PREFUNCTION
336	STORAGE
337	LOUNGE
338	CORRIDOR
339	M. TOILET
340	LOUNGE
341	LOUNGE
342	W. TOILET
343	JANITOR
344	SERVICE
345	MEETING ROOM
346	MEETING ROOM
347	MEETING ROOM
348	SERVICE CORRIDOR
349	STORAGE
350	STAGING
351	COATS
352	MEETING ROOM
353	MEETING ROOM
354	PREFUNCTION
355	CORRIDOR
356	CORRIDOR
358	PREFUNCTION
359	M. TOILET
360	W. TOILET
361	STORAGE
362	OPER. WALL STORAGE
363	SKYWALK

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

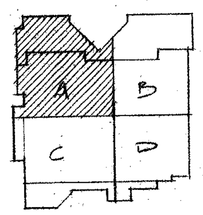
DATE 2/9/88
DRAWN BY GM
CHECKED BY TH
PROJECT NO. 5741.00

FP-8



ADD. #1 1. Stair No. S-2. Change note to read, "Sprinkler system floor control valve and test rig. See diagram. Spill waste over mop basin on third floor." See attached Sketch No. A1-FP1 on Sheet FP-1.

ROOM NO.	ROOM NAME
401	MECHANICAL
402	PROJECTION BOOTH
403	HALL
404	TOILET ROOM
405	HALL
406	MECHANICAL ROOM
407	MECHANICAL EQUIPMENT



108 | 108

32A 32A
1

FOURTH FLOOR PLAN — AREA "A"

1/8" = 1'-0"

LOCATION OF SPRINKLER HEADS IS APPROX. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS. HEADS SHALL BE CENTERED IN CEILING TILES.

HOWARD E. MORRIS
E. J. PERRY
T. E. MORRIS
R. G. WORLAND
R. E. PEARSON
R. W. MEYER
REGISTERED ARCHITECTS
PROFESSIONAL ENGINEERS
STATE OF OHIO

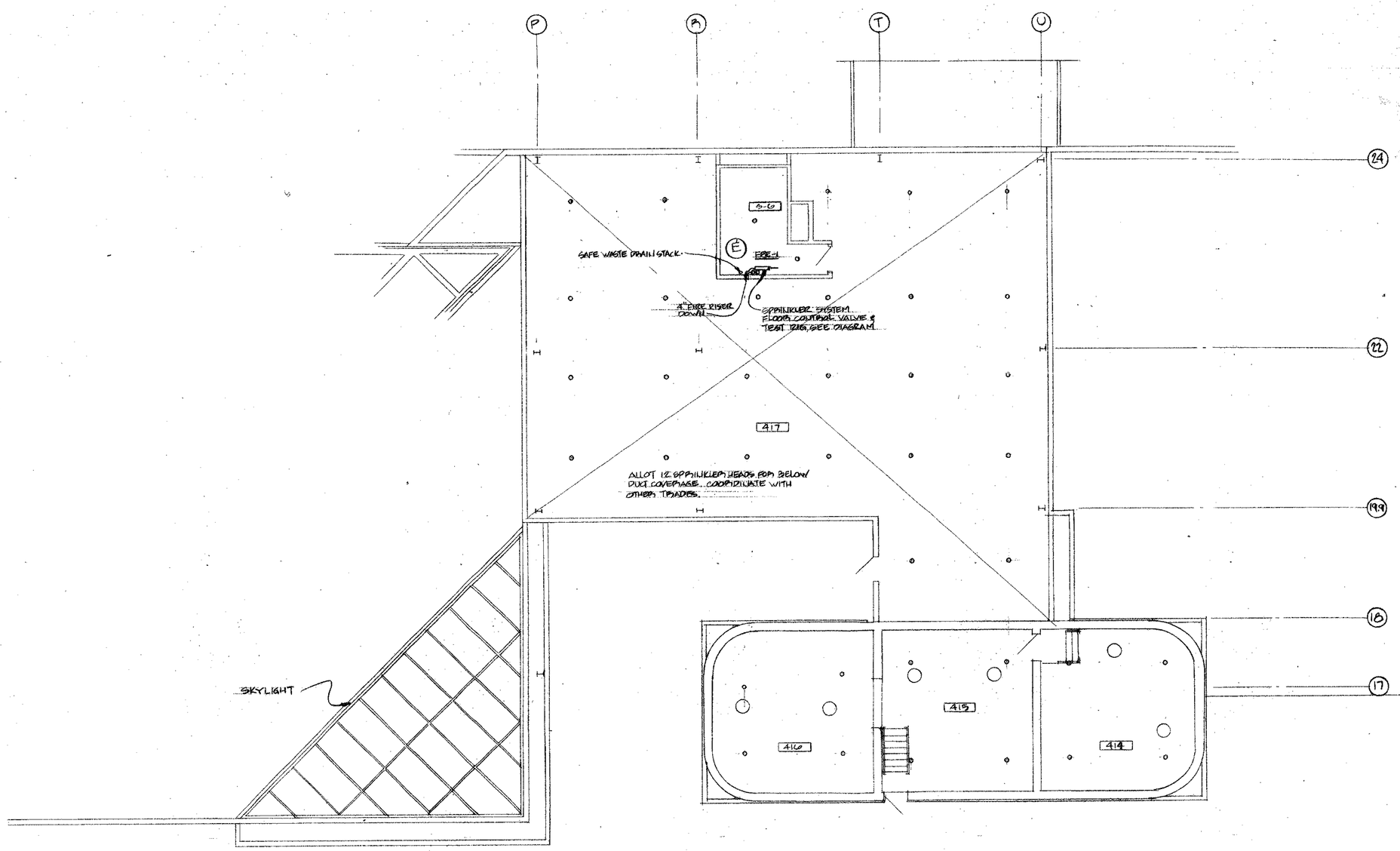
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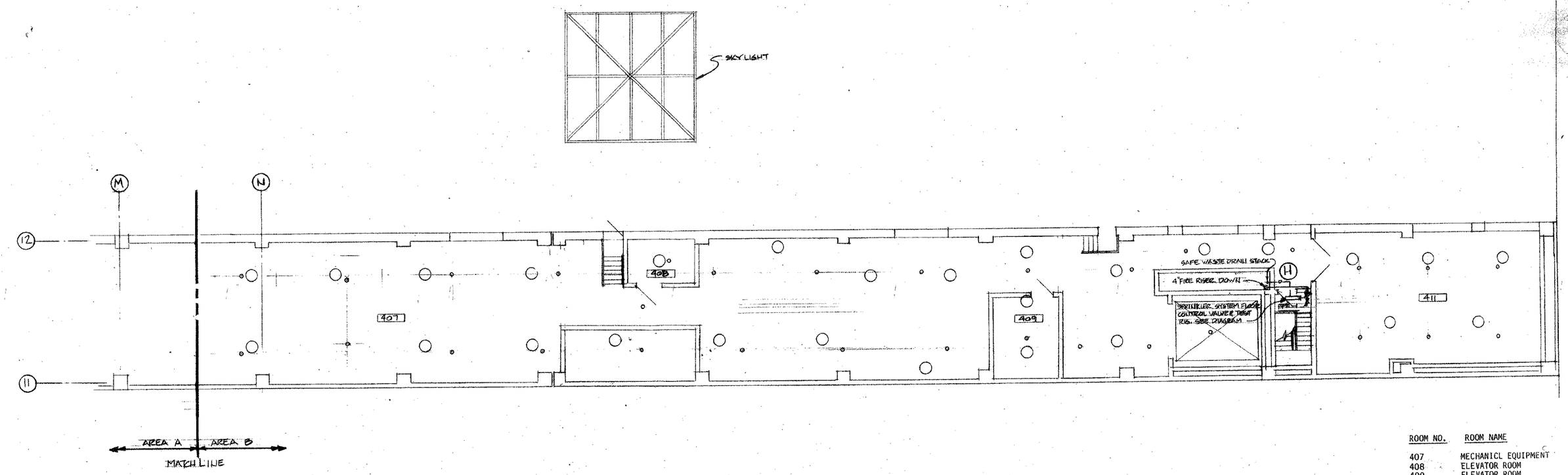
REVISIONS
12-1-85 RECORD DRAWING REVISIONS

RENOVATION AND EXPANSION OF
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FIFTH AND MAIN STREETS
DAYTON, OHIO

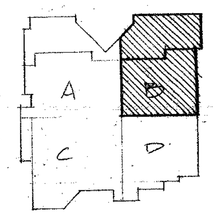
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ARCHITECTURE PLANNING
Richard Levin, AIA
Robert Porter, AIA
Jerry Hall, AIA
Dayton, Ohio

DATE 6/9/86
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ROOM NO.	ROOM NAME
407	MECHANICL EQUIPMENT
408	ELEVATOR ROOM
409	ELEVATOR ROOM
411	MECHANICAL ROOM
414	MECHANICAL
415	RANK ROOM
416	MECHANICAL
417	MECHANICAL



109 | 109

328 328
1

FOURTH FLOOR PLAN – AREA "B"

1/8" = 1'-0"

LOCATION OF SPRINKLER HEADS IS APPROX. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS. HEADS SHALL BE CENTERED IN CEILING TILES.

STATE OF OHIO
THOMAS J. FENCHAK
T. J. FENCHAK
E. J. MONTEI WITH
THOMAS J. FENCHAK
E. J. MONTEI WITH
REGISTERED

PRINTING

REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

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GRAVITY ROOF VENTILATORS

GENERAL NOTES
- NECK SIZES ARE APPROXIMATE. VERIFY SIZE & COORDINATE ROOF OPENING REQUIREMENTS WITH GEN. CONT'R.
- STEEL FRAMING AROUND ROOF OPENINGS WHERE REQUIRED FOR DECK SUPPORT TO BE PROVIDED BY GEN. CONT'R.
- COLORS AS SELECTED BY ARCHITECT

UNIT NO.	DESCRIPTION	SERVICE	CFM	MAX STATIC PRESS.	APPROX. NECK SIZE	APPROX. HEIGHT (ALL CURB)	CURB HEIGHT			REFER TO NOTE NO.
RV-1	LOW PROFILE, TYPE 2	AH-19 ROOF INTAKE	15,500	.10	42"x42"	60"	24"			
RV-2	LOW PROFILE, TYPE 2	AH-22 F.A. INTAKE	15,500	.10	42"x42"	48"	24"			
RV-3	LOW PROFILE, TYPE 2	AH-18 RELIEF & FULL RELIEF AIR	23,000	.10	84"x48"	96"	12"			
RV-4	LOW PROFILE, TYPE 2	AH-22 RELIEF AIR	11,100	.10	54"x30"	36"	18"			
RV-5	LOW PROFILE, TYPE 2	AH-22 RELIEF AIR	18,600	.10	72"x30"	36"	18"			
RV-6	LOW PROFILE, TYPE 2	EMERGENCY GEN. P.R. INTAKE	12,000	.10	60"x40"	36"	18"			
RV-7	LOW PROFILE, TYPE 2	ART. H.W. HTG. COND. AIR - FOURTH FLR.	—	.10	72"x12"	96"	24"			

DUCT CONSTRUCTION & SEALING

DUCT SYSTEM	SMACNA CLASSIFIC. S.P. CONSTRUCTION	SEAL CLASS	REMARKS
ALL DUCTWORK EXCEPT THOSE LISTED BELOW	1"	B	
SUPPLY DUCT - AH-19, 20, 21, 22, 23 & 24 TO V.A.V. TERMINALS	2"	B	
SUPPLY DUCT RT-1, RT-2 & RT-3 TO CEILING DIFFUSERS	2"	B	
RETURN AIR DUCTS	2"	B	
RETURN AIR TRANSFER DUCT	½"	NONE	
FRESH AIR DUCTS AND PLENUMS	2"	B	
KITCHEN HOOD EXHAUST DUCT	2"	WELDED	

NOTES:
1. REFER TO SPECIFICATIONS FOR SPECIAL DUCT MATERIALS, CONSTRUCTION, JOINT SEALANTS, WELDED JOINTS, ETC.
2. POSITIVE & NEGATIVE PRESSURE CONSTRUCTION ARE NOT DIFFERENTIATED ABOVE. GENERALLY SUPPLY, RETURN & FRESH AIR ON INLET SIDE OF FAN ARE NEGATIVE.

FLOW METERS

GENERAL NOTES
- PROVIDE STRAIGHT PIPE SECTION ON ENTERING & LEAVING SIDES PER MFR INSTRUCTIONS
- BALANCING VALVE TO BE INSTALLED WITH EACH METER FITTING.

UNIT NO.	TYPE	SERVICE	LOCATION	PIPE SIZE	GPM
FM-1	VENTURI	HOT WATER HEAT SUPP.	FOURTH FLR. EQUIP. ROOM	5"	275
FM-2	VENTURI	CHILLED WATER SUPPLY	FOURTH FLR. EQUIP. ROOM	6"	479
FM-3	VENTURI	CONDEN WATER SUPPLY	FOURTH FLR. EQUIP. ROOM	4"	199
FM-4	VENTURI	HOT WATER HEAT SUPP.	FOURTH FLR. EQUIP. ROOM	4"	137

SOUND ATTENUATORS

GENERAL NOTES

UNIT NO.	SERVICE	SIZE L	SIZE W	SIZE H	CFM	MAX S.P.		REFER TO NOTE NO.
SA-1	KITCHEN AIR FAN-1	60	60	24	12000	.10"		
SA-2	ROOM 315	84	48	18	6400	.10"		
SA-3	KITCHEN AIR FAN-2	60	60	24	12,000	.15"		
SA-4	ROOM 353	60	72	18	5700	.10"		
SA-5	ROOM 312	84	60	18	6500	.10"		
SA-6	ROOM 314	84	30	18	3300	.10"		
SA-7	ROOM 315	84	18	15	1700	.10"		

HEATING UNITS

GENERAL NOTES
- HEATING CAPACITY BASED ON 60° ENT. AIR & 180° ENT. WATER
- MAXIMUM WATER PRESS. DROP THRU COIL 3 FT.
- MOTORS: 115 V - 1Ø UNLESS OTHERWISE NOTED
- LINTELS FOR FULL & SEMI-RECESSED UNIT WALL OPENINGS PROVIDED BY GEN. CONTR.
- VERIFY/COORDINATE CABINET DIMENSIONS, MOUNTING & PIPING REQUIREMENTS WITH ARCHITECTURAL DWGS. PRIOR TO ORDERING.
- RECESSED UNITS TO HAVE FOUR (4) SIDE OVERLAP UNLESS OTHERWISE NOTED

UNIT NO.	DESCRIPTION	MOUNTING	CFM	CAPACITY MBH	GPM	RUNOUT SIZE	AUTO VALVE SIZE	APPROX CABINET DIMENSION LENGTH	DEPTH	HEIGHT	RECESS	UNIT FLR TO BOTTOM	WT. LBS.	REFER TO NOTE NO.
UH-1	HORIZONTAL PROPELLER UNIT HEATER	CEILING	800	25	2.9	3¼"	—	22"	22"	8"	—	12 FT.	120	
UH-2	HORIZONTAL PROPELLER UNIT HEATER	CEILING	500	10	1.0	1½"	—	18"	18"	6"	—	12 FT.	120	
UH-3	VERTICAL PROPELLER UNIT HEATER	CEILING	850	30	3.0	3¼"	—	24"	18"	18"	—	10 FT.	120	
UH-4	VERTICAL PROPELLER UNIT HEATER	CEILING @	1800	60	6.0	1"	—	32"	22"	26"	—	10 FT.	1/6	
UH-5	VERTICAL CABINET UNIT HEATER	FLOOR	400	30	3.0	3¼"	—	44"	9"	25"	—	—	1/6	
UH-6	VERTICAL CABINET UNIT HEATER	CONCEALED	800	50	3.0	3¼"	—	60"	12"	28"	—	—	1/4	

AIR SUPPLY UNITS

GENERAL NOTES
- HEATING COIL CAPACITY BASED ON 180° ENT. WATER
- COOLING COIL CAPACITY BASED ON 47° ENT. WATER
- MOTOR - 460 V - 3Ø UNLESS NOTED.
- A.H. UNIT MOTORS SHALL BE HIGH EFFICIENCY TYPE
- AH-1 THRU AH-18 ARE EXISTING.
- ENERGY CONT'R. TO PROVIDE INVERTORIZED FOR V.A.V. APPLICATIONS
- AH-24 SHALL BE EQUIPPED WITH A HOT WATER CIRCULATION PUMP H.W.P.-3

UNIT NUMBER	AH-19 (H1)	AH-20 (H2)	AH-21 (H3)	AH-22 (H4)	AH-23 (H5)	AH-24 (H6)
AREA SERVED	THIRD FLOOR MEETING ROOMS	FIRST & SECOND FLOOR OFFICES	FIRST, SECOND & THIRD FLOOR LOBBY	THIRD FLOOR SKELETAL KITCHEN	BANQUET HALL	KITCHEN
UNIT LOCATION	FOURTH FLOOR EQUIP. ROOM (WEST)	FOURTH FLOOR EQUIP. ROOM (WEST)	FOURTH FLOOR EQUIP. ROOM (EAST)	FOURTH FLOOR EQUIP. (EAST)	FOURTH FLOOR EQUIP. (EAST)	SECOND FLOOR EQUIP. (EAST)
UNIT CONFIGURATION	HORIZONTAL DRAW THRU	HORIZONTAL DRAW THRU	HORIZONTAL DRAW THRU	HORIZONTAL DRAW THRU	HORIZONTAL DRAW THRU	HORIZONTAL DRAW THRU
TYPE	VAV	VAV	VAV	VAV	VAV	CONSTANT VOL.
SUPPLY FAN — CFM (TOTAL)	13,600	13,500	25,500	13,600	11,100	12,000
SUPPLY FAN — S.P. - IN W.G.	3¾"	3¾"	3¾"	3¾"	3¾"	2½"
SUPPLY FAN — WHEEL TYPE	PC	PC	AF	PC	FC	FC
SUPPLY FAN — WHEEL DIA.	25"	25"	28"	25"	22"	25"
SUPPLY FAN — MOTOR (MIN. H.P.)	15	20	25	15	15	10
HEATING COIL — MIN FACE AREA SQ. FT.	29.0	29.0	48.0	29.0	23.0	29.0
HEATING COIL — CAPACITY MBH	460.5	368.9	611.2	477.8	395.6	1425.6
HEATING COIL — ENT. AIR °F	54.7	61	61	52	52	20
HEATING COIL — MAX. AIR P.D. IN W.G.	0.3	0.3	0.3	0.3	0.3	0.3
HEATING COIL — MAX WATER P.D. - FT.	10	10	10	10	10	10
HEATING COIL — GPM	29.4	24.6	40.7	31.8	26.4	95
HEATING COIL — AUTO VALVE SIZE & TYPE	1½" 2-WAY	1½" 2-WAY	2" 2-WAY	1½" 2-WAY	1½" 2-WAY	3" 2-WAY
HEATING COIL — RUNOUT PIPE SIZE	2"	2"	2"	2"	2"	3"
COOLING COIL — MIN FACE AREA	29.0	29.0	48.0	29.0	23.0	29.0
COOLING COIL — COOLANT	CHILLED WATER	CHILLED WATER	CHILLED WATER	CHILLED WATER	CHILLED WATER	CHILLED WATER
COOLING COIL — SENSIBLE MBH	409.9	416.6	665.9	392.3	336.9	476.4
COOLING COIL — TOTAL MBH	605.7	589.3	965.6	603.2	499.5	804.6
COOLING COIL — ENT AIR DB/WB	80.1/69.9	79.2/66.2	78.8/64.9	79.0/65.7	80.2/66.3	91/73
COOLING COIL — MIN. ROWS	12	12	12	12	12	8
COOLING COIL — MAX AIR P.D. IN W.G.	1.0	1.0	1.0	1.0	1.0	0.8
COOLING COIL — MAX WATER P.D. - FT.	19	16	19	17	20	20
COOLING COIL — GPM	101	98	160	101	84	134
COOLING COIL — AUTO VALVE SIZE & TYPE	3" 2-WAY	3" 2-WAY	4" 2-WAY	3" 2-WAY	3" 2-WAY	4" 2-WAY
COOLING COIL — RUNOUT PIPE SIZE	3"	3"	4"	3"	3"	4"
FILTER — TYPE	D1	D1	D1	D1	D1	D1
FILTER — FACE AREA (OR OPNG.)	29.0	29.0	48.0	29.0	22.9	29.0
FILTER — PRESS. DROP IN W.G. CLEAN	0.2"	0.2"	0.2"	0.2	0.2"	0.2"
FILTER — HOUSING BY A.H. MFR.	YES	YES	YES	YES	YES	YES
RA/FA DAMPERS	BY A.T.C. CONTR	BY A.T.C. CONTR	BY A.T.C. CONTR	BY A.T.C. CONTR	BY A.T.C. CONTR	BY A.T.C. CONTR
% FRESH AIR	15	10	10	20	20	73
VIBRATION ISOLATORS	TYPE A2	TYPE A2	TYPE A2	TYPE A2	TYPE A2	TYPE A2

NOTES:
1. EQUALS ARE DEVICES REQUIRE A CENTER NOTCH FOR MOUNTING IN A "TEGULAR" STYLE CEILING. CAREFULLY COORDINATE WITH THE GENERAL CONTRACTOR ON CEILING TYPE.
2. PROVIDE A RECESSED TYPE MOUNTING FRAME FOR USE IN A DETAILED CEILING.
3. DIFFUSER PLENUM SHALL BE INTERNALLY ACOUSTICALLY LINED.

AIR DISTRIBUTION DEVICES

GENERAL NOTES
- REFER TO SPECIFICATIONS FOR OTHER MANUFACTURERS
- ALL LAY-IN AIR DEVICES SHALL FIT IN 24" x 24" LAY-IN CEILING SYSTEM.
- PROVIDE AUX. FRAMES FOR AIR DEVICES IN PLASTER, GYPSUM BOARD, GLAZED TILE OR CERAMIC TILE SURFACES
- FINISH KEY: "ONE" - OFF WHITE BAKED ENAMEL, "E.C.I." - ETCHED CLEAR ANODIZED OR SPECIFIED
- SUPPLY AIR DIFFUSERS SHALL BE 4 WAY BLOW UNLESS OTHERWISE NOTED ON DWGS.

SYMBOL	DESCRIPTION	TYPE MOUNTING LAY-IN	TYPE MOUNTING SURFACE	MATERIAL STEEL	MATERIAL ALUM.	FINISH ONE	FINISH E.C.I.	CATALOG NUMBERS	ACCESSORIES	REFER TO NOTE NO.
A1	SEMI-LAY-IN SQUARE PANEL DIFFUSER	•		•		•		TITUS TMSA	OPPOSED BLADE DAMPER	
A2	SEMI-LAY-IN SQUARE DIFFUSER		•	•		•		TITUS TMSA	OPPOSED BLADE DAMPER	
I1	LINEAR SLOT DIFFUSER - 2 SLOT		•	•		•		TITUS ML-3S	TYPE 3 FRAME (NE PATTERN CONT)	2, 3
I2	LINEAR SLOT DIFFUSER - 4 SLOT		•		•	•		TITUS ML-3S	TYPE 3 FRAME (NE PATTERN CONT)	2, 3
F1	ADJUSTABLE BLADE GRILLE - FIXED BLADES		•	•			•	TITUS 272-FLS	OPPOSED BLADE DAMPER	
G1	GRILLE		•		•	•		TITUS 3-FL		
H1	FIXED BLADE REGISTER		•	•			•	TITUS 3-FLS	OPPOSED BLADE DAMPER	
J1	EGGCRATE GRILLE		•		•	•		TITUS 50-F		
J2	EGGCRATE GRILLE	•			•	•		TITUS 50-F		
K1	EGGCRATE REGISTER	•			•	•		TITUS 50-MFES	OPPOSED BLADE DAMPER	
K2	EGGCRATE REGISTER		•		•	•		TITUS 50-FS	OPPOSED BLADE DAMPER	
L1	INTAKE/EXHAUST LOUVER		•		•	SELECTED BY ARCH.		AIROLITE NAGTG	BIRD SCREEN	
S1	LINEAR SLOT DIFFUSER 1" OR 3" SLOT - 1 WAY	•			•	•		TRANE VDLC		1, 3
S2	LINEAR SLOT DIFFUSER 1" OR 3" SLOT - 2 WAY	•			•	•		TRANE VDLC		1, 3
S3	LINEAR SLOT DIFFUSER 2 FT. - 4 SLOT - 2 WAY	•			•	•		TRANE VDLC		1, 3
VAV-1	VARIABLE VOLUME DIFFUSER	•		•		•		THERMAFUSER TF-CWE		
VAV-2	VARIABLE VOLUME DIFFUSER	•		•		•		THERMAFUSER TFCW		
VAV-3	VARIABLE VOLUME DIFFUSER		•	•		•		THERMAFUSER TFCW		

NOTES:
1. EQUALS ARE DEVICES REQUIRE A CENTER NOTCH FOR MOUNTING IN A "TEGULAR" STYLE CEILING. CAREFULLY COORDINATE WITH THE GENERAL CONTRACTOR ON CEILING TYPE.
2. PROVIDE A RECESSED TYPE MOUNTING FRAME FOR USE IN A DETAILED CEILING.
3. DIFFUSER PLENUM SHALL BE INTERNALLY ACOUSTICALLY LINED.

FANS

GENERAL NOTES
- NONE VALUES BASED ON A.M.C.A. BULLETINS 300 & 301 MEASURED AT 5 FT FOR PRV'S.
- MOTOR HORSEPOWERS LISTED ARE TO BE CONSIDERED MINIMUM.
- ROOF & WALL OPENINGS ARE APPROXIMATE AND WALL LINTEL FOR WALL OPENING BY VERIFY SIZE & COORDINATE WITH GENERAL CONTRACTOR
- STEEL FRAMING AROUND ROOF OPENING WHERE REQUIRED FOR DECK SUPPORT TO BE PROVIDED BY THE GEN. CONT'R.
- PAINT ALL ROOF MOUNTED FANS AS DIRECTED BY THE ARCHITECT.

UNIT NO.	EQUIP NO.	DESCRIPTION	SERVICE	CFM	STATIC PRESS	WHEEL DIA	MAX RPM	MOTOR H.P.	MOTOR VOLTS	MOTOR PHASE	APPROX OPENING	TYPE		REFER TO NOTE NO.
EF-1	(H1)	POWER ROOF VENTILATOR	TOILET ROOMS	2220	1/2"	18	840	1/3	120	1	30X30	D1		
EF-2	(H2)	INLINE EXHAUST FAN	TOILET ROOMS	600	3/8"	10	950	1/4	120	1	14X14	C3		2
EF-3	(H3)	INLINE EXHAUST FAN	TRASH ROOM	450	3/8"	10	950	1/4	120	1	14X14	C3		2
EF-4	(H10)	INLINE EXHAUST FAN	TOILET ROOMS	975	3/8"	10	950	1/4	120	1	14X14	C3		2
EF-5	(H11)	INLINE EXHAUST FAN	CONCESSIONS	600	3/8"	10	950	1/4	120	1	14X14	C3		2
EF-6	(H12)	INLINE EXHAUST FAN	KITCHEN	1540	3/8"	14	880	1/4	120	1	16X16	C3		
EF-7	(H13)	POWER ROOF VENTILATOR	KITCHEN HOOD	8000	2½"	36	2200	1½	480	3	38X38	D2		
EF-8	(H14)	POWER ROOF VENTILATOR	DISHWASHER	2000	3/4"	21	960	3/4	480	3	20X20	D2		
EF-9	(H15)	POWER ROOF VENTILATOR	TOILET ROOMS	705	1/2"	10	865	1/4	120	1	14X14	D1		
EF-10	(H16)	POWER ROOF VENTILATOR	TOILET ROOMS	3150	5/8"	21	1070	3/4	480	3	20X20	D1		
EF-11	(H17)	POWER ROOF VENTILATOR	TOILET ROOMS	220	1/2"	8	1144	1/20	120	1	12X12	D1		
EF-12	(H18)	POWER ROOF VENTILATOR	TOILET ROOMS	1500	3/8"	14	1060	1/4	120	1	15X15 EXIST.	D1		1
RAF-1	(H19)	INLINE RETURN AIR FAN	AH-19	11,900	1.61"	30	640	5	480	3	—	C2		
RAF-2	(H20)	INLINE RETURN AIR FAN	AH-20	12,150	1½"	36	600	5	480	3	—	C2		
RAF-3	(H21)	INLINE RETURN AIR FAN	AH-23	8080	1½"	27	600	5	480	3	—	C2		

NOTE: 1. ENLARGE EXISTING ROOF OPENINGS AS REQ'D.
2. PROVIDE UNDER ALTERNATE BID H-1 ONLY.

TERMINAL AIR CONTROL UNITS

GENERAL NOTES
- TYPES VV, VARIABLE VOLUME; CV, CONSTANT VOLUME
- REHEAT COIL CAPACITY BASED ON MIN CFM, 55° ENT. AIR & 180° ENT WATER TEMPERATURE.
- T.S.P. - TOTAL STATIC PRESSURE THRU UNIT & REL AT MAX CFM
- MAX TOTAL STATIC PRESS. DROP THRU UNIT & REL AT MAX CFM

UNIT NO.	TYPE	INLET DIA.	CFM MIN.	CFM MAX.	REHEAT COIL MBH	REHEAT COIL GPM	REHEAT COIL WTR. SIZE	REHEAT COIL WTR. DROP	MAX T.S.P. DROP	NOTE NO.
S-1	VV	10-12	855	1710	51	5.1	1"	3/4"	0.4	
S-2	VV	10-12	800	1600	39	3.9	1"	3/4"		
S-3		10	150	300	10	1.0	1/2"	1 1/2"		
S-4		10-12	800	1600	39	3.9	1"	1 1/2"		
S-5		10	500	1000	39	3.9	1"	1 1/2"		
S-6		10-12	800	1600	39	3.9	1"	1/2"		
S-7		10	350	700	14	1.4	1/2"	1/2"		
S-8		10-12	850	1710	37	3.7	1"	1/2"		
S-9		10	480	960	21	2.1	3/4"	1/2"		
S-10		12	600	1200	43	4.3	1"	3/4"		
S-11		12	600	1200	43	4.3	1"	3/4"		
S-12		8	300	600	21	2.1	3/4"	1/2"		
S-13		10-12	500	1000	56	5.6	1"	3/4"		
S-14		12	800	1600	56	5.6	1"	3/4"		
S-15		10	350	700	25	2.5	3/4"	1/2"		
S-16		10-12	800	1600	56	5.6	1"	3/4"		
S-17		12	600	1200	42	4.2	1"	3/4"		
S-18		12	700	1400	35	3.5	1"	1/2"		
S-19		10	450	900	22	2.2	3/4"	1/2"		
S-20		12	630	1260	26	2.6	3/4"	1/2"		
S-21		12	745	1489	45	4.5	1"	3/4"		
S-22		12	600	1200	30	3.0	3/4"	1/2"		
S-23		12	600	1200	30	3.0	3/4"	1/2"		
S-24		12	600	1200	30	3.0	3/4"	1/2"		
S-25		12	745	1489	45	4.5	1"	3/4"		
S-26		12	745	1489	45	4.5	1"	3/4"		
S-27	VV	12	745	1489	45	4.5	1"	3/4"		
S-28	VV	10	260	505	14	1.4	1/2"	1/2"		
S-29	VV	10-12	800	1600	56	5.6	1"	3/4"	0.4	
2-46	VV	10	0	740	—	—	—	—	0.4	
2-45	VV	8	0	380	—	—	—	—		
2-44	VV	10	0	740	—	—	—	—		
E-1	VV	12	640	1880	38	3.8	1"	1/2"		
E-2	VV	12	720	1440	43	4.3	1"	3/4"		
E-3		12	640	1280	38	3.8	1"	1/2"		
2-4		12	0	1280	—	—	—	—		
2-5		10-12	0	1575	—	—	—	—		
2-6		10-12	0	1575	—	—	—	—		
2-7		10-12	0	1575	—	—	—	—		
2-8		10-12	0	1575	—	—	—	—		
2-9		12	680	1360	41	4.1	1"	3/4"		
2-10		10	0	640	—	—	—	—		
2-11		10	0	720	—	—	—	—		
2-12		10	0	640	—	—	—	—		
2-13		5	90	180	6	0.6	1/2"	1/2"		
2-14		8	225	450	15	1.5	1/2"	1/2"		
2-15		6	0	200	—	—	—	—		
2-16		6	0	220	—	—	—	—		
2-17		8	0	600	—	—	—	—		
2-18		10	0	660	—	—	—	—		
2-19		12	510	1020	37	3.7	1"	1/2"		
2-20		10	430	860	34	3.4	1"	1/2"		
2-21		10	350	700	32	3.2	1"	1/2"		
2-22		10	350	700	32	3.2	1"	1/2"		
2-23		10	350	700	32	3.2	1"	1/2"		
2-24		6	0	700	—	—	—	—		
2-25		5	0	189	—	—	—	—		
2-26		6	0	220	—	—	—	—		
2-27		6	0	225	—	—	—	—		
2-28		6	0	290	—	—	—	—		
2-29		8	0	590	—	—	—	—		
2-30		6	0	345	—	—	—	—		
2-31		6	0	300	—	—	—	—		
2-32		6	0	300	—	—	—	—		
2-33		10	0	675	—	—	—	—		
2-34		8	200	400	13	1.3	1/2"	1/2"		
2-35		6	0	300	—	—	—	—		
2-36		10	0	800	—	—	—	—		
2-37		12	0	950	—	—	—	—		
2-38		5	100	200	8	0.8	1/2"	1/2"		
2-39		5	75	150	6	0.6	1/2"	1/2"		
2-40		8	0	400	—	—	—	—		
2-41		8	0	400	—	—	—	—		
2-42		8	0	470	—	—	—	—		
2-43	VV	8	0	570	—	—	—	—	0.4	
1-1	VV	10	435	870	29	2.9	3/4"	1/2"	0.4	
1-2		10	445	885	29	2.9	3/4"	1/2"		
1-3		10	375	750	27	2.7	3/4"	1/2"		
1-4		12	465	925	30	3.0	3/4"	1/2"		
1-5		8	0	600	—	—	—	—		
1-6		10	0	800	—	—	—	—		
1-7		5	0	150	—	—	—	—		
1-8		12	700	1400	37	3.7	1"	1/2"		
1-9		20x12	800	1600	44	4.4	1"	3/4"		
1-10		8	0	480	—	—	—	—		
1-11		8	200	400	14	1.4	1/2"	1/2"		
1-12		10	400	800	26	2.6	3/4"	1/2"		
1-13		8	0	400	—	—	—	—		
1-14		10	400	800	15	1.5	1/2"	1/2"		
1-15		8	0	400	—	—	—	—		
1-16		5	0	150	—	—	—	—		
1-17		8	0	480	—	—	—	—		
1-18	VV	12	0	1200	—	—	—	—		
1-19	VV	10	0	800	—	—	—	—		
1-20	VV	6	0	250	—	—	—	—		
1-21	VV	12	0	1200	—	—	—	—		
1-22	VV	10	0	600	—	—	—	—		
1-23	VV	12	0	1200	—	—	—	—		
1-24	VV	12	0	1200	—	—	—	—		
1-25	VV	10	0	800	—	—	—	—		
1-26	VV	10	0	800	—	—	—	—		
1-27	VV	8	0	400	—	—	—	—		

LEGEND

P.C.	PLUMBING CONTRACTOR
H.C.	HVAC CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
G.C.	GENERAL CONTRACTOR
E.S.	EQUIPMENT SUPPLIER
N.I.H.C.	NOT IN HVAC CONTRACT

- (T) THERMOSTAT - MOUNTING HEIGHT 48". WHEN MOUNTED NEXT TO WALL SWITCH COORDINATE WITH ARCHITECT.
- (H1) EQUIPMENT REFERENCE SYMBOL.
- (3) NOTE SYMBOL - APPLIES ONLY TO SHEET ON WHICH NOTE SYMBOL IS SHOWN.
- "CONNECT TO EXISTING" SYMBOL - DUCTS OR PIPES.
- 456 ROOM NUMBER.
- (7'-0") APPROXIMATE ELEVATION FROM FLOOR TO BOTTOM OF DUCT, PIPE, DEVICE OR EQUIPMENT ITEM. (TO BE USED AS AN AID IN COORDINATING THE VARIOUS TRADES.)
- A (H9 | H10) SECTION "A" DESIGNATION FROM PLAN NO. SHOWN ON SHEET H10.
- A1-8"ø 300°S CEILING DIFFUSER. A1 = DESIGNATION - REFER TO AIR DEVICE SCHEDULE. 8"ø = NECK SIZE 300 = REQUIRED CFM. S = AIR DISCHARGE IF OTHER THAN 4-WAY. METHOD OF IDENTIFICATION ALSO APPLIES TO OTHER CEILING MOUNTED DEVICES.
- G1-24"x6" 200°S-7'-4" WALL MOUNTED AIR DEVICE. G1 = DESIGNATION - REFER TO AIR DEVICE SCHEDULE. 24" X 18"ø = DUCT CONNECTION SIZE. 200 = REQUIRED CFM. 9'-4" = MOUNTING HEIGHT FROM FLOOR TO BOTTOM OF DEVICE.
- S1-8"ø 300 SLOT DIFFUSER. S1 = DESIGNATION - REFER TO AIR DEVICE SCHEDULE. 8"ø = NECK SIZE. 200 = REQUIRED CFM.
- DL-2 DOOR LOUVER BY GENERAL CONTRACTOR. NUMBER INDICATES MINIMUM GROSS FACE AREA IN SQ. FT.
- UC DOOR UNDER-CUT BY GENERAL CONTRACTOR.
- 15 DUCT RISE IN DIRECTION OF AIR FLOW.
- 10 DUCT DROP IN DIRECTION OF AIR FLOW.
- DUCT WITH 1" ACOUSTICAL LINER. DUCT SIZES ARE INSIDE CLEAR DIMENSIONS.
- FLEXIBLE DUCT CONNECTION.
- AIR TURNING VANES.
- SPLITTER DAMPER WITH LOCKING DEVICE.
- 6"ø AIR VOLUME EXTRACTOR AT AIR DEVICE OR BRANCH DUCT.
- M.D. MANUAL BALANCING VOLUME DAMPER WITH LOCKING DEVICE.
- FIRE DAMPER.
- 3 TERMINAL CONTROL UNIT. 3 = UNIT NO. DESIGNATION - REFER TO TERMINAL CONTROL UNIT SCHEDULE.
- SUPPLY DUCT.
- R RETURN DUCT.
- E EXHAUST DUCT.
- DUCT WITH 1" ACOUSTIC LINER. DUCT SIZES ARE INSIDE CLEAR DIMENSIONS.
- DUCT RISE IN DIRECTION OF AIR FLOW.
- DUCT DROP IN DIRECTION OF AIR FLOW.
- M.D. MANUAL BALANCING VOLUME DAMPER WITH LOCKING DEVICE.
- P PRESSURE GAUGE.
- T THERMOMETER.
- UNION OR FLANGE.
- CLEAN OUT.
- STRAINER.
- VALVE - MANUAL SHUT-OFF.
- VALVE - BALANCING.
- CHECK VALVE.
- D DRAIN PIPE.
- DIRECTION OF FLOW.
- DIRECTION OF PITCH.
- H HOT WATER SUPPLY PIPE.
- HR HOT WATER RETURN PIPE.
- C CHILLED WATER SUPPLY PIPE.
- CR CHILLED WATER RETURN PIPE.
- CW CONDENSER WATER PIPE.
- EP EXPANSION TANK PIPE.
- WATER MAKE-UP PIPE.
- S STEAM PIPE - NUMBER INDICATES P.S.I.G.
- LPR LOW PRESSURE CONDENSATE RETURN PIPE.
- OS OIL SUPPLY PIPE.
- OR OIL RETURN PIPE.
- OV OIL TANK VENT PIPE.
- G OIL TANK LEVEL GAUGE TUBING.
- STATIC BOOT BRANCH DUCT TAKE-OFF

STATE OF OHIO — 23007 T. F. BERGELMAN; 23008 T. E. WILLIAMS; 23009 T. H. J. PEARSON; 24483 T. R. WEBER; 41985 REGISTERED PROFESSIONAL ENGINEER

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REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/221-1931

DATE 6/9/80
DRAWN BY J.T.
CHECKED BY C.L.C.
PROJECT NO. 5714.11.00

H-1

SHT.	DWGS.								
1	12							300	300
1	12								

SEE SHT. H-14, R/H-10

SEE SHT. H-15, R/H-1

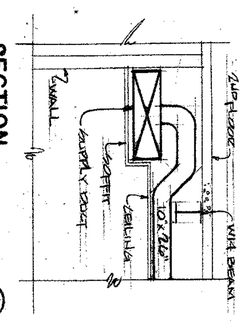
FIRST FLOOR PLAN - AREA "A"

1/8" = 1'-0"

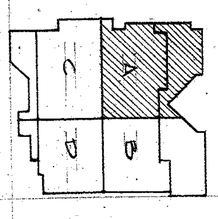
GENERAL NOTE: REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING MOUNTED AIR DEVICES

SECTION

SCALE: 1/4" = 1'-0"



ROOM NO.	ROOM NAME
101	JANITOR
102	W. TOILET
103	M. TOILET
104	JANITOR
105	CORRIDOR
106	W. TOILET
107	M. TOILET
108	EXHIBIT AREA
109	EXHIBIT AREA
110	OFFICES
111	TICKETS
112	STORAGE
113	ELEV. EQUIP.
114	LOBBY
115	COATS
116	PREFUNCTION
117	TELEPHONE
118	STAGING
119	W. TOILET
120	JANITOR
121	M. TOILET
122	OFFICE
123	SHOW MANAGER
124	LOUNGE
126	SOUTH LOBBY
127	NORTH LOBBY
134	CHAIR/TABLE STORAGE
160	MAIN EXHIBIT HALL



NOTES

1. JAY BOXES BETWEEN JOISTS.
2. DUCT OR AIR DEVICE OPEN TO RETURN AIR PLENUM ABOVE CEILING.
3. TYPE "B" FIRE DAMPER IN SECOND FLOOR - ACCESS FROM SECOND FLOOR.
4. TYPE "B" FIRE DAMPER.
5. EXISTING FAN COIL UNIT SHALL REMAIN.
6. RELOCATE EXISTING FLOOR MOUNT UNIT HEATER. REVISE PIPING AND CONTROLS AS REQUIRED.
7. EXISTING THERMOSTAT FOR UNIT HEATER.
8. BALANCE EXISTING AIR DEVICE TO INDICATED AIR QUANTITY.
9. EXISTING.
10. REMOVE EXISTING AIR DEVICE AND INSTALL NEW. CONNECT TO EXISTING EXHAUST DUCTWORK.
11. DEEP STRUCTURAL BEAM - NO CLEARANCE TO PASS DUCTWORK.
12. SUPPLY DIFFUSER MOUNTED IN FACE OF SOFFIT. HOLD FLUSH TO COLUMN FACE.
13. CUT OPENING IN EXISTING FLOOR SLAB FOR NEW DUCT.
14. REFER TO THE FIRST FLOOR "B" PLAN FOR CONTINUATION.

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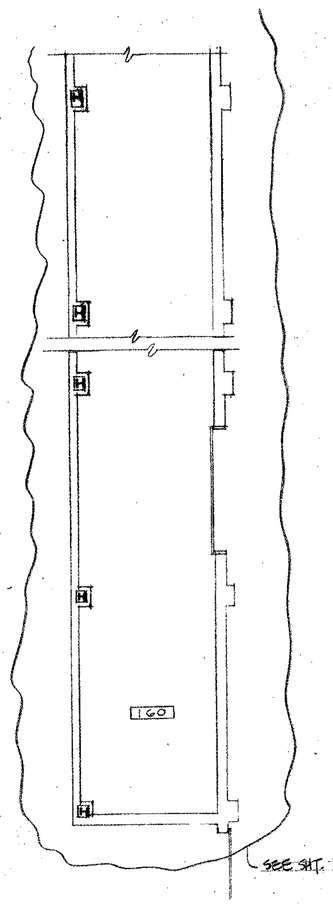
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513 224 1931

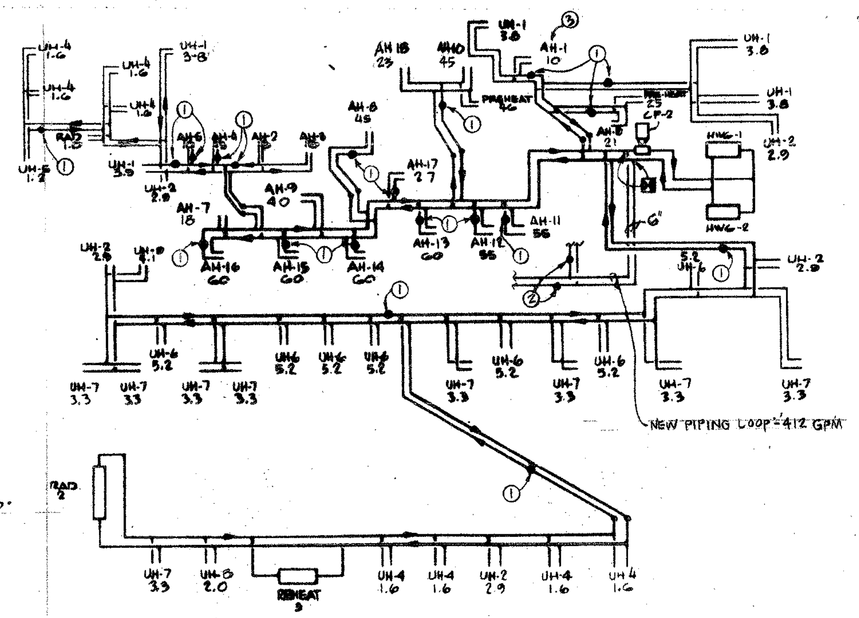
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

DATE 6/9/86
DRAWN BY M.W.H.
CHECKED BY C.L.C.
PROJECT NO. 5741.02

H-2

| | | |



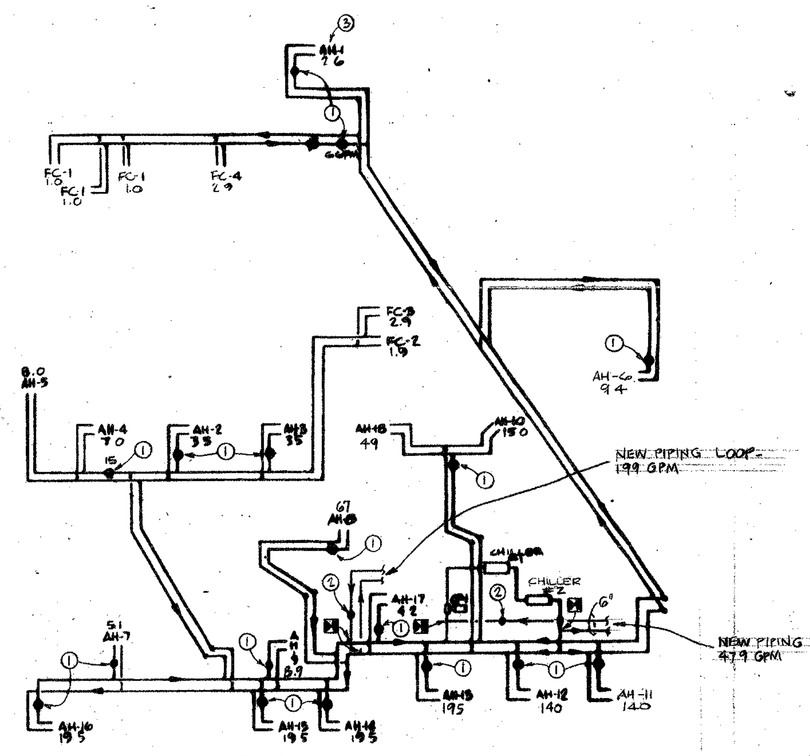


H.W. PIPING SCHEMATIC (BALANCING INFORMATION)

NO SCALE

H.W. & C.W. PIPING NOTES

1. EXISTING FLOW MEASURING DEVICE.
2. NEW FLOW MEASURING DEVICE.
3. EXISTING DEVICE BEING REMOVED.
4. BALANCE ALL NEW & EXISTING DEVICES TO GPM LISTED.
5. ALL PIPING & DEVICES SHOWN ON THESE SCHEMATICS ARE EXISTING UNLESS NOTED OTHERWISE.



C.W. PIPING SCHEMATIC (BALANCING INFORMATION)

NO SCALE

NOTES

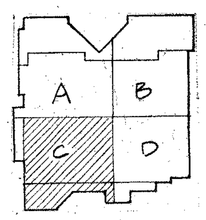
1. EXISTING HOT WATER PIPE RISERS.
2. MOUNT FAN AT ROOF STRUCTURE WITH HANGER RODS AND VIBRATION ISOLATORS - TYPE SI.
3. MOTORIZED BACKDRAFT DAMPERS.
4. TYPE "B" FIRE DAMPER.
5. REMOVE UNIT HEATER, THERMOSTAT AND PIPING BACK TO MAINS.
6. REMOVE CONVECTOR.
7. REMOVE HOT WATER SUPPLY AND RETURN PIPES.
8. REMOVE AIR CONDITIONING UNIT AND ALL DUCTWORK AND AIR DEVICES.
9. REMOVE EXHAUST FAN AND ALL EXHAUST DUCTS AND AIR DEVICES.
10. HOT WATER SUPPLY AND RETURN MAINS ON THE THIRD FLOOR.
11. AUTOMATIC AIR VENT.
12. OIL STORAGE TANK - 550 GAL. CAPACITY, 4 FT. DIA. X 6 FT. LONG. MOUNT ON 12" HIGH LEGS. PAINT WITH PRIME COAT AND FINISH COAT OF GREY PAINT.
13. OIL VENT PIPE THRU ROOF - 1-1/2" SIZE TERMINATE 3 FT.. ABOVE ROOF WITH RAIN CAP.
14. OIL FILL PIPE - 2" SIZE AND LOCKING CAP FLUSH WITH WALL.
15. GENERATOR EXHAUST PIPE THRU ROOF. COUNTERFLASH THRU ROOF.
16. OIL DAY TANK BY ELECTRICAL CONTRACTOR.
17. EXHAUST MUFFLER BY ELECTRICAL CONTRACTOR. MOUNTING AND PIPING BY HVAC CONTRACTOR.
18. AUTOMATIC DISCHARGE DAMPER.
19. AUTOMATIC BYPASS DAMPER - 34" X 36".
20. EMERGENCY GENERATOR BY ELECTRICAL CONTRACTOR.
21. ROOF VENT OPEN TO ROOM WITH 48"x48" AUTOMATIC INTAKE DAMPERS.
22. THERMOSTAT SHALL CONTROL AUTOMATIC DAMPERS.
23. OIL GAUGE - TANK MOUNTED.
24. EQUIPMENT SHALL REMAIN UNDER BASE BID.

ROOM NO.	ROOM NAME
160	CHAIR/TABLE STORAGE
161	MAIN EXHIBIT HALL
174	RECEIVING
176	VEHICLE STORAGE
178	HALLWAY
179	M. TOILET
180	W. TOILET
181	DRESSING
182	DRESSING
183	LOCKERS
184	M. TOILET
185	W. TOILET
186	LOCKERS
187	SHOP/JAN./MAINT. STG.
188	REPAIR SHOP
189	SHOW DECORATOR
190	SERVICE ABDOVER
191	RECEIVING
192	BLEACHER STORAGE
193	BLEACHER STORAGE
194	GENERATOR
195	FUEL ROOM

NOTES:
1. ALL NEW HVAC WORK RELATED TO THE SOUTH END BLOCK ADDITION (ARCHITECTURAL ALTERNATE A-1) TO BE INCLUDED UNDER ALTERNATE BID H-1 ONLY.
2. ALL WORK RELATED TO ROOFTOP UNIT RT-1 SHALL BE INCLUDED UNDER ALTERNATE BID H-4 ONLY.

FIRST FLOOR PLAN - AREA "C"

1/8"=1'-0"



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REVISIONS

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FIFTH AND MAIN STREETS
DAYTON, OHIO

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ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224-1931

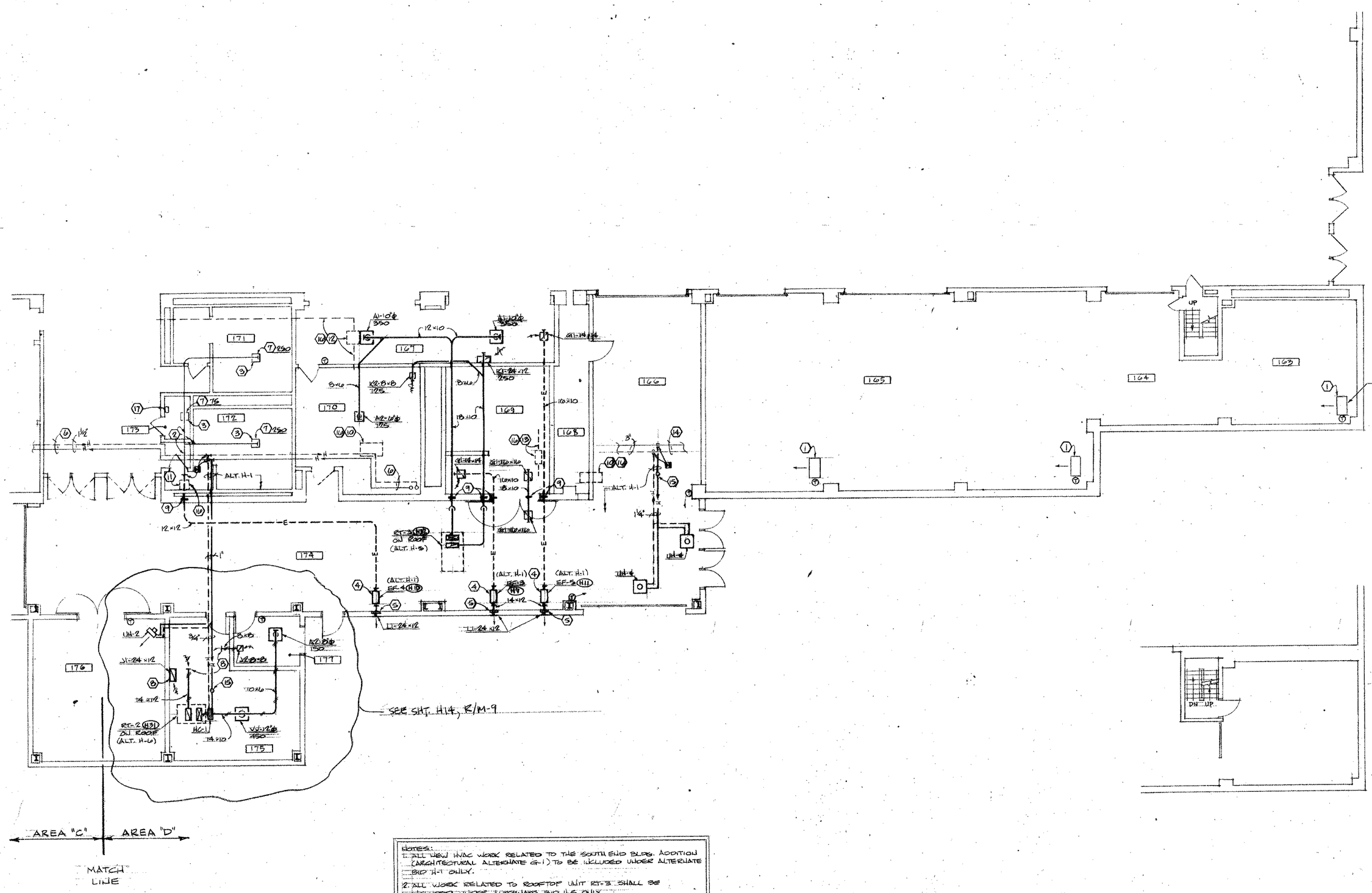
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CHECKED BY C.L.C.
PROJECT NO. 57411.00

H-4

302 302

16 16

CONT OVER #6



NOTES:

1. EXISTING UNIT HEATER.
2. EXISTING DUCTWORK.
3. EXISTING AIR DEVICES.
4. MOUNT FAN AT ROOF STRUCTURE WITH HANGER RODS AND VIBRATION ISOLATORS TYPE "SI".
5. MOTORIZED BACKDRAFT DAMPERS.
6. EXISTING HOT WATER PIPES.
7. REBALANCE TO AIR QUANTITY AS INDICATED ON FLOOR PLAN.
8. DUCT OR AIR DEVICE OPEN TO RETURN AIR PLENUM ABOVE CEILING.
9. TYPE "B" FIRE DAMPER.
10. REMOVE UNIT HEATER, THERMOSTAT AND HOT WATER PIPING BACK TO MAINS.
11. REMOVE EXHAUST FAN AND LOUVER.
12. REMOVE SUPPLY AIR DUCTS AND AIR DEVICES.
13. REMOVE EXHAUST FAN, LOUVER AND DUCTWORK.
14. EXISTING HOT WATER SUPPLY AND RETURN MAINS ON THIRD FLOOR.
15. AUTOMATIC AIR VENT.
16. EQUIPMENT SHALL REMAIN UNDER BASE BID.
17. DIGITAL TIME CLOCK BY THIS CONTRACTOR TO PROVIDE START/STOP FOR NEW EXHAUST FANS NO. 2 & 3 PER PROGRAM PER OWNER'S DIRECTION. PROVIDE UNDER ALTERNATE H-1 ONLY.

RELOCATE UNIT HEATER UNDER THIS BID H-1 ONLY. G.C. TO PROVIDE MEZZANINE LEVEL UNDER ARM'L. UNIT HEATER SHALL BE RELOCATED TO APPROX. 12 FT. ABOVE MEZZ. LEVEL. RELOCATE THERMOSTAT AS REQ'D.

NOTES:

1. ALL NEW HVAC WORK RELATED TO THE SOUTH END BLDG. ADDITION (ARCHITECTURAL ALTERNATE G-1) TO BE INCLUDED UNDER ALTERNATE BID H-1 ONLY.
2. ALL WORK RELATED TO ROOFTOP UNIT RT-3 SHALL BE INCLUDED UNDER ALTERNATE BID H-5 ONLY.
3. ALL WORK RELATED TO ROOFTOP UNIT RT-2 SHALL BE INCLUDED UNDER ALTERNATE BID H-4 ONLY.

FIRST FLOOR PLAN - AREA "D"

1/8" = 1'-0"

ROOM NO.	ROOM NAME
161	MAIN EXHIBIT HALL
163	STORAGE
164	STORAGE
165	STORAGE
166	ALCOVE
167	CONCESSION
168	OPERABLE WALL STORAGE
169	TRASH CONTAINER STG.
170	STORAGE
171	M. TOILET
172	W. TOILET
173	JANITOR
174	SERVICE CORRIDOR
175	LOUNGE
176	SERVICE VEHICLES
177	SECURITY
178	HORSE STORAGE

STATE OF OHIO

REVISIONS

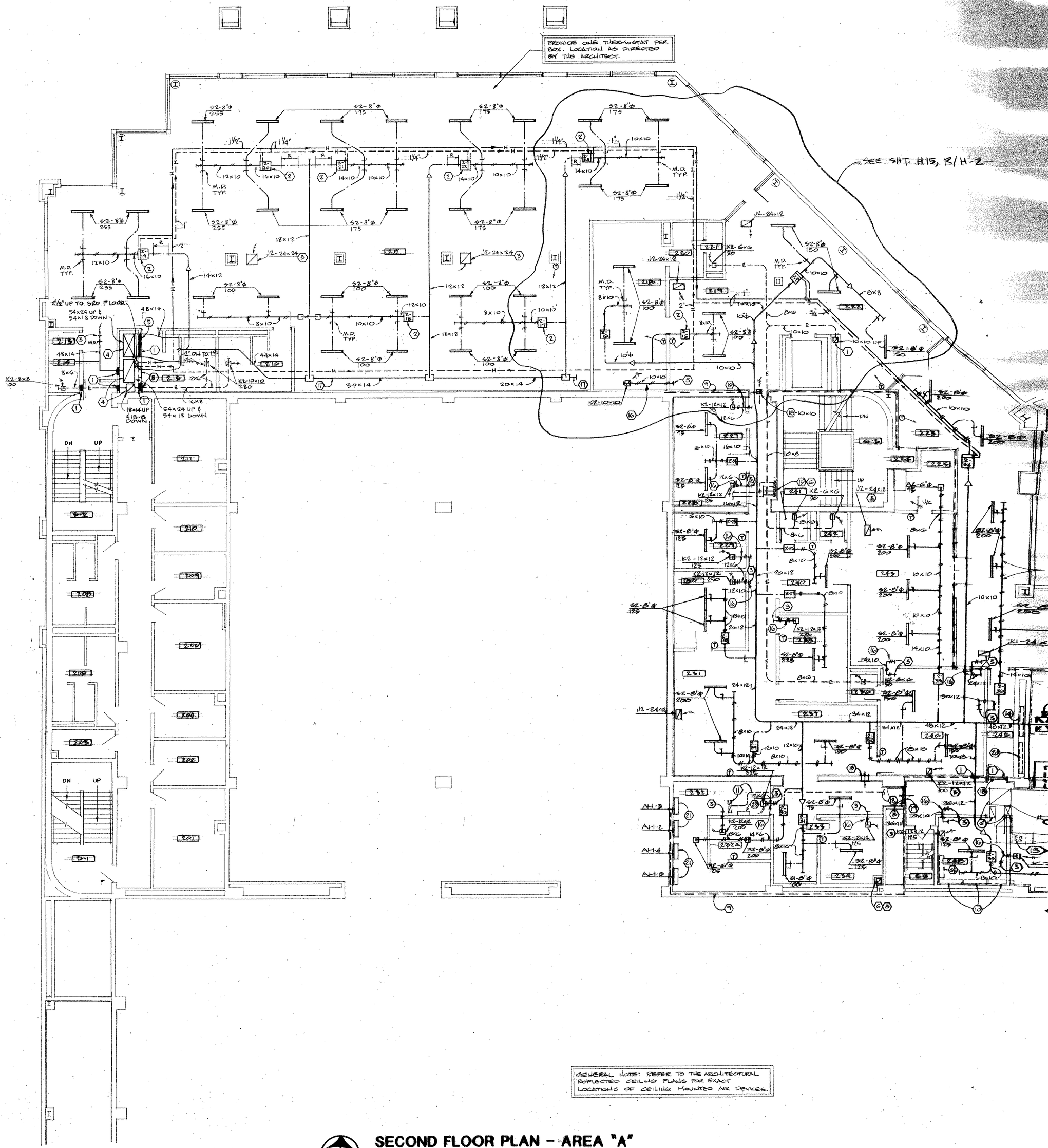
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN PORTER ASSOCIATES, INC.
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1181

DATE 6/9/86
DRAWN BY
CHECKED BY
PROJECT NO. 8744.00

H-5

303	303
18	18
1	1
LOTS	OVER 99



NOTES

1. TYPE "B" FIRE DAMPER.
2. VAV BOXES BETWEEN JOISTS.
3. DUCT OR AIR DEVICE OPEN TO RETURN AIR PLENUM ABOVE CEILING.
4. TYPE "B" FIRE DAMPER IN SECOND FLOOR - ACCESS FROM SECOND FLOOR.
5. 24" X 18" FIRE RATED ACCESS PANEL AT SECOND FLOOR FOR ACCESS TO FIRE DAMPERS.
6. EXISTING.
7. THERMOSTAT SHALL CONTROL VAV DAMPER MOTORS ON SINGLE DUCT, HOT AND COLD DECK DUCTWORK. HVAC CONTRACTOR SHALL VERIFY ALL EXISTING ZONES OF THIS A.H. UNIT PER DETAIL ON SHEET H-9 WHERE MORE THAN ONE ZONE SERVED ONE THERMOSTAT. THE DAMPERS SHALL BE CONTROLLED SIMULTANEOUSLY AND ALIKE BY ONE THERMOSTAT. REMOVE AND DISCONNECT EXISTING THERMOSTATS SERVING THIS AREA.
8. EXHAUST DUCT DOWN TO FIRST FLOOR CONCEALED IN NEW CHASE BY G.C. PROVIDE ACCESS TO EXISTING FIRE DAMPER.
9. FIRE DAMPER BY G.C.
10. REMOVE EXISTING PANELS THAT ARE PART OF THE "ENERGIST" ENERGY MANAGEMENT SYSTEM. MAINTAIN ALL EXISTING ITEMS OF CONTROL AFTER CONTROL PANELS ARE REMOVED. EXTEND EXISTING CONTROL SIGNALS TO NEW DDC SYSTEM. ALL WIRING AND CONNECTIONS SHALL BE CONCEALED. REFER TO POINTS LIST IN SPECIFICATION. COORDINATE WITH ATC CONTRACTOR.
11. REMOVE SUPPLY DUCT AND ASSOCIATED AIR DEVICES.
12. CAP RUNOUT AT MAIN AND SEAL AIR-TIGHT WITH SHEETMETAL. PATCH INSULATION.
13. EXISTING AIR DEVICE. PATCH DUCT WITH INSULATED SHEETMETAL AIR-TIGHT.
14. EXISTING 60" X 10" RETURN AIR GRILLES.
15. 3/4" CHILLED WATER PIPES WITH INSULATION DOWN TO SERVE NEW FAN COIL UNITS BELOW. NEW PIPE CHASE BY G.C.
16. AIR TRANSFER DUCT.
17. DUCTWORK CONCEALED IN SOFFIT BY G.C.
18. RETURN AIR OPENING IN WALL ABOVE CEILING. SIZE AS SHOWN ON FLOOR PLAN.
19. TYPE "A" FIRE DAMPER.
20. NOMINAL RETURN GRILLE OVER OPENING IN WALL ABOVE CEILING. MAINTAIN OPENING IN WALL.
21. EXISTING UNIT CONTROL PANELS.
22. RELOCATE EXISTING CONTROL PANEL TO STORAGE ROOM PER NOTE NO. 23. COORDINATE WITH THE AUTOMATIC TEMPERATURE CONTROLS CONTRACTOR.
23. CONTROL PANEL RELOCATED FROM ROOM 249.
24. APPROXIMATE LOCATION OF NEW TERMINAL STRIP CABINET CEILING TO BE PROVIDED BY THE ATC CONTRACTOR.
25. BALANCE EXISTING AIR HANDLING UNIT TO LISTED CFM.
26. REFER TO THE SECOND FLOOR "B" PLAN FOR CONTINUATION.
27. 42" X 14" SUPPLY DUCT DOWN THRU EXISTING FLOOR SLAB. REFER TO THE FIRST FLOOR "A" PLAN FOR CONTINUATION.
28. CLEAN EXISTING SHEAVES TO BALANCE AIR HANDLING UNIT AH-3, AH-2, AH-4, AH-5. INSPECT EXISTING FAN SHAFT AND BEARINGS. REPORT DEFICIENCIES TO THE OWNER. CLEAN EXISTING HEATING AND COOLING COILS.

ROOM NO.	ROOM NAME
201	DRESSING
202	DRESSING
203	STORAGE
204	DRESSING
205	W. TOILET
206	MAKE-UP
207	CORRIDOR
208	M. TOILET
209	DRESSING
210	DRESSING
211	DRESSING
212	DRESSING
213	JANITOR
214	CORRIDOR
215	W. TOILET
216	M. TOILET
217	OFFICES
218	OFFICE
219	RECEPTION/WAITING
220	STORAGE
221	TOILET
222	LOBBY
223	BALCONY
224	ALCOVE
225	STORAGE
226	CORRIDOR
227	STORAGE
228	OFFICE
229	OFFICE
230	LOUNGE
231	SEC./WORK AREA
232	STORAGE
233	TELEPHONE EQUIP.
234	SECRETARY
235	OPTICS
236	CORRIDOR
237	TOILET
238	SECRETARY
239	CONFERENCE
240	CORR.
241	ENTRY
242	M. TOILET
243	W. TOILET
244	CONFERENCE
245	BALCONY
246	CORRIDOR
247	DIRECTORY
248	CORRIDOR
249	OFFICE
250	LIGHT CONTROL
251	MECHANICAL

GENERAL NOTE: REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING MOUNTED AIR DEVICES.

SECOND FLOOR PLAN - AREA "A"

1/8" = 1'-0"

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REVISIONS

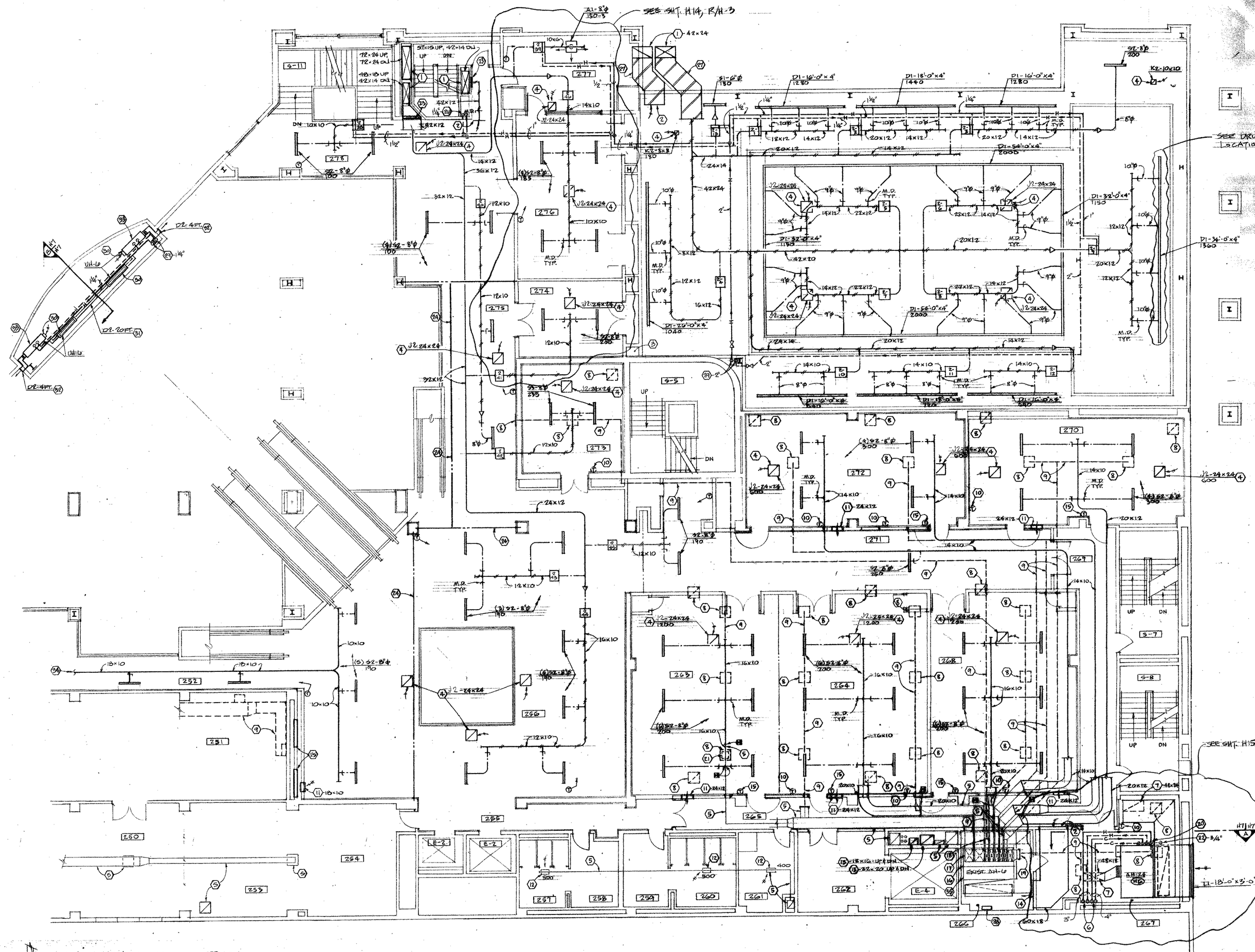
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

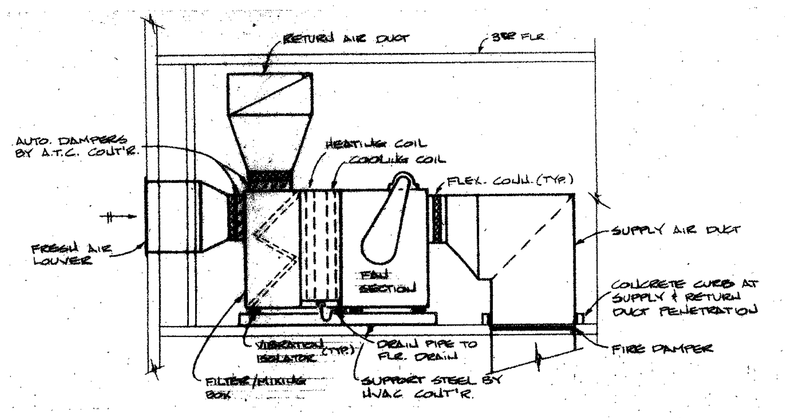
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ARCHITECTS AND PLANNERS

DATE 12/14/82
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CHECKED BY
PROJECT NO. 8111.00

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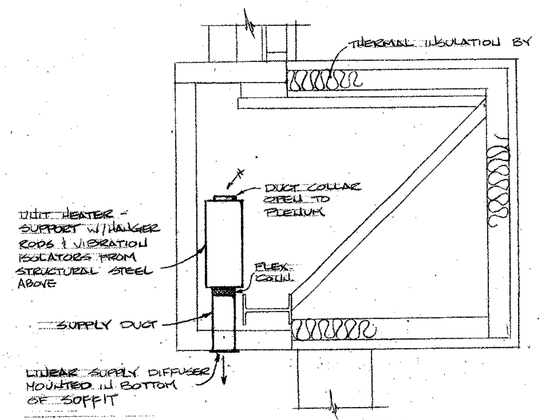
304 304
22 22
CONF 116 116





SECTION A
SCALE: ¼"=1'-0"
H7 | H7

GENERAL NOTE: REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING MOUNTED AIR DEVICES.



SECTION B
SCALE: ¾"=1'-0"
H7 | H7

SECOND FLOOR PLAN - AREA 'B'

1/8"=1'-0"

NOTES

1. DUCTS UP - REFER TO THIRD FLOOR PLAN FOR CONTINUATION.
2. RETURN DUCT OPEN TO PLENUM ABOVE CEILING.
3. RETURN AIR CHASE OPEN TO PLENUM ABOVE CEILING.
4. RETURN AIR DEVICE OPEN TO PLENUM ABOVE CEILING.
5. EXISTING DUCT OR AIR DEVICE TO REMAIN.
6. HOT AND CHILLED WATER PIPES UP TO THIRD FLOOR.
7. TYPE "B" FIRE DAMPER IN SECOND FLOOR. ACCESS TO DAMPER FROM SECOND FLOOR.
8. REMOVE AIR DEVICE.
9. REMOVE DUCTWORK.
10. REMOVE THERMOSTAT.
11. OPENING IN WALL ABOVE CEILING.
12. EXISTING AIR DEVICE, BALANCE TO AIR QUANTITY AS INDICATED.
13. REMOVE RISER AND REPLACE WITH NEW RISER - NEW SIZE AS INDICATED ON PLAN.
14. CONNECT DUCT TO EXISTING - 90" X 16" OPENING IN WALL ABOVE CEILING.
15. NEW THERMOSTAT SHALL CONTROL VAV DAMPER MOTORS ON EXISTING HOT AND COLD DECK DUCTWORK. HVAC CONTRACTOR SHALL MODIFY ALL EXISTING ZONES OF EXISTING A.H. UNIT NO. 6 PER DETAIL ON SHEET H10. WHERE MORE THAN ONE ZONE SERVES ONE AREA THE DAMPERS SHALL BE CONTROLLED SIMULTANEOUSLY AND ALIKE BY ONE THERMOSTAT. REMOVE AND DISCARD EXISTING THERMOSTAT SERVING THIS AREA. ALERT THE A.T.C. CONTRACTOR THAT EXISTING ZONES NO. 1, 2 AND 4 HAVE ALREADY BEEN MODIFIED WITH NEW DAMPERS AND THAT HE MUST PROVIDE CONTROL OF THESE DAMPERS.
16. ELECTRICAL CONTRACTOR TO PROVIDE AN ADJUSTABLE FREQUENCY DRIVE FOR FAN AIR VOLUME CONTROL. ATC CONTRACTOR SHALL PROVIDE A STATIC PRESSURE SENSOR IN THE HOT DECK AND COLD DECK DISCHARGE AND THRU A DIFFERENTIAL CONTROLLER SEND A 1 TO 11 MA SIGNAL TO THE A.F. DRIVE TO CONTROL FAN SPEED. COORDINATE WITH E.C.
17. CONVERT FIVE (5) ZONES OF EXISTING MULTIZONE A.H. UNIT TO VARIABLE AIR VOLUME PER DETAIL ON SHEET H10. EXTEND DAMPER BLADE SHAFT THRU DUCT AND MOUNT DAMPER ON EXTERIOR OF DUCTWORK. REFER TO SPECIFICATIONS FOR SEQUENCE OF OPERATION.
18. CAP OFF DUCT TO ZONE NO. 3 AND SEAL AIR-TIGHT WITH INSULATED SHEETMETAL.
19. CAP OFF DUCT TO ZONE NO. 8 AND SEAL AIR-TIGHT WITH INSULATED SHEETMETAL.
20. PROVIDE HOT WATER CIRCULATING PUMP, ITEM H-27, ON HEATING COILS. REFER TO DETAIL J/H13 FOR PIPING CONNECTIONS.
21. CAP EXISTING DUCT AND SEAL AIR-TIGHT WITH INSULATED SHEETMETAL.
22. RUN COOLING COIL CONDENSATE DRAIN PIPE TO THE FIRST FLOOR METER ROOM AND SPELL INTO EXISTING FLOOR DRAIN.
23. TYPE "B" FIRE DAMPER.
24. DEEP STRUCTURAL BEAM - NO CLEARANCE TO PASS DUCTWORK.
25. MAINTAIN EXISTING RETURN AIR OPENINGS IN WALL ABOVE CEILING.
26. HOT WATER SUPPLY AND RETURN PIPES FROM [illegible] TO SERVE THE FIRST FLOOR.
27. DUCTS CONCEALED IN SOFFIT.
28. INVERTER BY THE E.C. FOR A.H. UNIT VARIABLE AIR VOLUME. CONTROL SIGNAL BY THE A.T.C. CONTRACTOR. ASSOCIATED DEVICE TO BE CONTROLLED AS INDICATED.
29. HOT WATER SUPPLY AND RETURN PIPES FROM THE THIRD FLOOR ABOVE.
30. RETURN DUCT COLLAR OPEN TO PLENUM.
31. PORTION OF SLOT DIFFUSER BETWEEN UNIT HEATER SUPPLY DUCT CONNECTIONS SHALL BE OPEN TO PLENUM ABOVE SOFFIT TO ALLOW FOR RETURN AIR.
32. BOTTOM OF VERTICALLY MOUNTED SLOT DIFFUSER SHALL BE APPROXIMATELY 6" ABOVE BOTTOM OF SOFFIT.
33. UNIT HEATER MOUNTED 90 DEGREES FROM THAT SHOWN IN SECTION "B" THIS SHEET.
34. REFER TO THE SECOND FLOOR "A" PLAN FOR CONTINUATION.
35. INSPECT EXISTING FAN SHAFT AND BEARINGS. REPORT DEFICIENCIES TO THE OWNER. CLEAN EXISTING HEATING AND COOLING COILS.

ROOM NO.	ROOM NAME
250	SOUND/LIGHT CONTROL
251	MECHANICAL
252	CORRIDOR
253	STORAGE
254	STORAGE
255	CORRIDOR
256	LOUNGE
257	M. TOILET
258	LOUNGE
259	LOUNGE
260	W. TOILET
261	JANITOR
262	STAGING
263	MEETING ROOM
264	MEETING ROOM
265	CORRIDOR
266	MECHANICAL
267	MECHANICAL
268	MEETING ROOM
269	CORRIDOR
270	MEETING ROOM
271	CORRIDOR
272	MEETING ROOM
273	BOARD/CONFERENCE
274	BOARD/CONFERENCE
275	BALCONY
276	BOARD/CONFERENCE
277	A/V STORAGE
278	BALCONY

STATE OF OHIO
2007
T. J. FENDELMAN
F. E. MONNIG 28765
R. J. WERLING 33948
R. J. PEARSON 34482
T. R. WEBER 41086
REGISTERED PROFESSIONAL ENGINEERS

PRINTING

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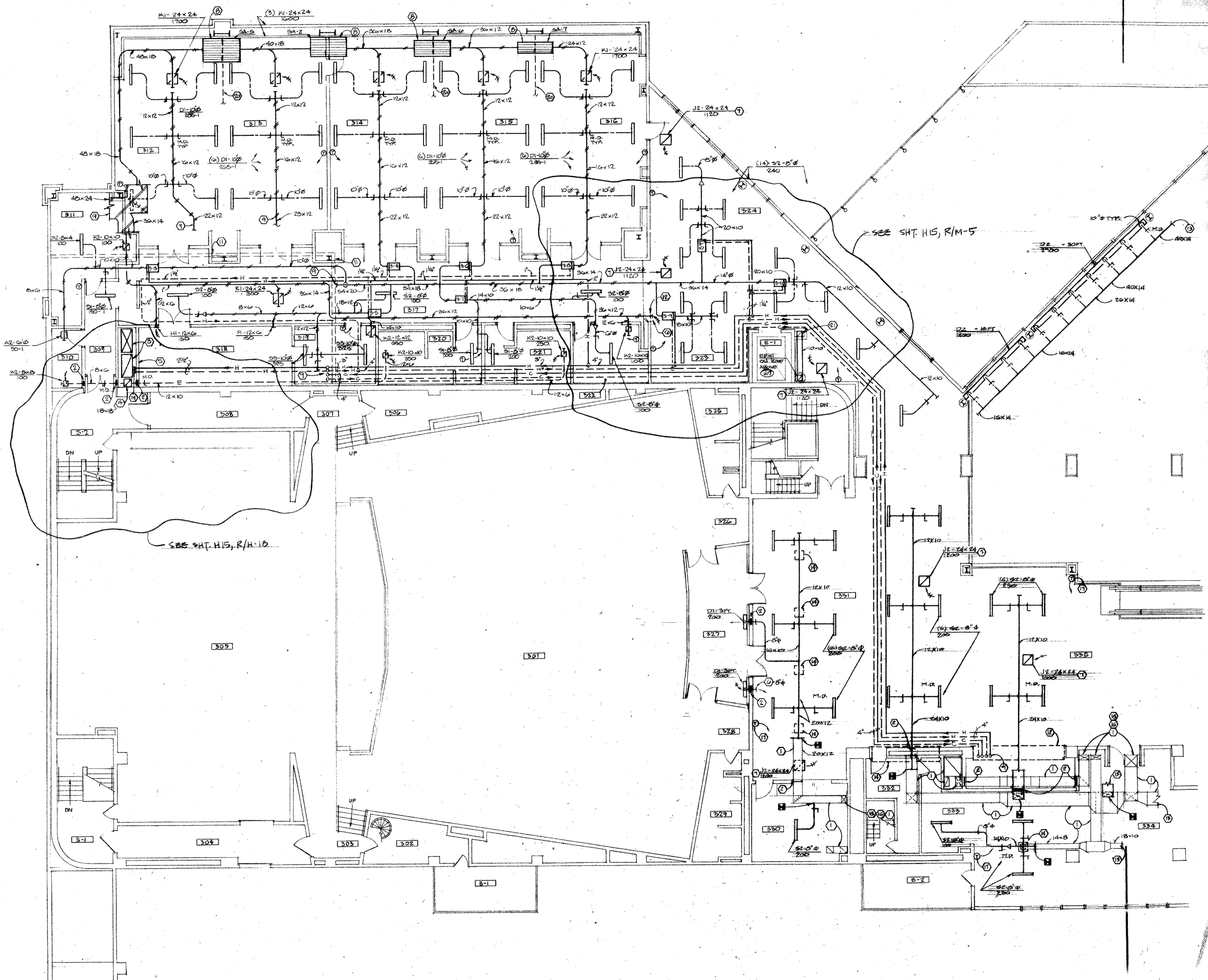
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN-PORTER ASSOCIATES, INC.
ARCHITECTURE PLANNING
[illegible]

DATE: 6/19/80
DRAWN BY: [illegible]
CHECKED BY: [illegible]
PROJECT NO.: [illegible]

H-7

305	305
24	24
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CONT	OVER 48



GENERAL NOTE: REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING MOUNTED AIR DEVICES.

THIRD FLOOR PLAN - AREA "A"

1/8"=1'-0"

NOTES

1. EXISTING.
2. TYPE "B" FIRE DAMPER.
3. SUPPLY AND RETURN DUCT DOWN TO FIRST AND SECOND FLOOR LEASE OFFICE SPACE.
4. EXHAUST DUCT FROM ABOVE 18" X 18" SIZE.
5. FIRE RATED SHAFT BY G.C.
6. RETURN AIR DUCT OPEN TO PLENUM ABOVE CEILING.
7. RETURN AIR DEVICE OPEN TO PLENUM ABOVE CEILING.
8. SEAL AND CAULK AROUND SOUND ATTENUATION PENETRATION THRU SOUND PARTITIONS. CONTRACTOR SHALL ENSURE THAT PENETRATION DOES NOT DEGRADE QUALITY OF SOUND PARTITION.
9. REFER TO FOURTH FLOOR PLAN FOR CONTINUATION.
10. AIR DEVICE SHALL HAVE A RECESSED MOUNTING FRAME SUITABLE FOR DRYWALL APPLICATIONS.
11. OUTLINE OF MECHANICAL ROOM ABOVE.
12. MANUAL DAMPER SET AT 3400 CFM.
13. REFER TO THE THIRD FLOOR AREA "B" FOR CONTINUATION.
14. REMOVE EXISTING DUCTWORK, AIR DEVICE, OR EQUIPMENT.
15. RETURN AIR OPENING IN WALL ABOVE CEILING. SIZE AS NOTED.
16. ELECTRICAL CONTRACTOR TO PROVIDE AN ADJUSTABLE FREQUENCY DRIVE FOR FAN AIR VOLUME CONTROL. A/C CONTRACTOR SHALL PROVIDE A STATIC PRESSURE SENSOR IN THE HOT DECK AND COLD DECK DISCHARGE PLENUM AND TRANSMITTER/RECEIVER CONTROLLER. SEND A 3 TO 15 PSIG SIGNAL TO THE A.F. DRIVE TO CONTROL FAN SPEED. COORDINATE WITH E.C.
17. NEW THERMOSTAT SHALL CONTROL VAV DAMPER MOTORS ON EXISTING HOT AND COLD DECK DUCTWORK. HVAC CONTRACTOR SHALL MODIFY ALL EXISTING ZONES OF EXISTING A.H. UNIT NO. 19 PER DETAIL ON SHEET M-5. WHERE MORE THAN ONE DAMPER PER ZONE, ONE AREA THE DAMPERS SHALL BE CONTROLLED FROM THERMOSTAT ALL ALIKE BY ONE THERMOSTAT. REMOVE AND DISCARD EXISTING THERMOSTATS SERVING THIS AREA. ALERT THE A.T.C. CONTRACTOR THAT EXISTING ZONE NO. 3 HAS ALREADY BEEN MODIFIED WITH NEW DAMPERS AND THAT HE MUST PROVIDE CONTROL OF THESE DAMPERS.
18. CONVERT ALL THREE (3) ZONES OF EXISTING MULTIZONE A.H. UNIT TO VARIABLE AIR VOLUME PER DETAIL ON THIS SHEET. EXTEND DAMPER BLADE SHAFT THRU DUCT AND MOUNT DAMPER ON EXTERIOR OF DUCTWORK. REFER TO SPECIFICATIONS FOR SEQUENCE OF OPERATION.
19. HOT WATER SUPPLY AND RETURN PIPES DOWN TO SERVE FIRST AND SECOND FLOORS.
20. "OPERABLE" SOUND WALL BY G.C. BELOW.
21. TOILET EXHAUST DUCT DOWN THRU FLOOR SLAB WITH PIPE OR FIRE DAMPER AT SLAB. CHASE BY G.C.

ROOM NO.	ROOM NAME
301	THEATER
302	PASSAGE
303	WING
304	CORRIDOR
305	STAGE
306	STORAGE
307	WING
308	CORRIDOR
309	CORRIDOR
310	JANITOR
311	STORAGE
312	MEETING ROOM
313	MEETING ROOM
314	MEETING ROOM
315	MEETING ROOM
316	MEETING ROOM
317	CORRIDOR
318	STORAGE
319	PANTRY
320	W. TOILET
321	M. TOILET
322	COATS
323	LOUNGE
324	LOUNGE
325	W. TOILET
326	ALCOVE
327	VESTIBULE
328	ALCOVE
329	M. TOILET
330	COATS
331	WEST PREFUNCTION
332	CORRIDOR
333	BAR
334	VIP LOUNGE
335	SOUTH PREFUNCTION

STATE OF OHIO
20857 T. J. FEDDELMAN
T. E. MONNIG 20706
R. J. WIRLING 33845
R. J. PEARSON 34448
P. K. SIBBEN 41202
REGISTERED PROFESSIONAL ENGINEERS

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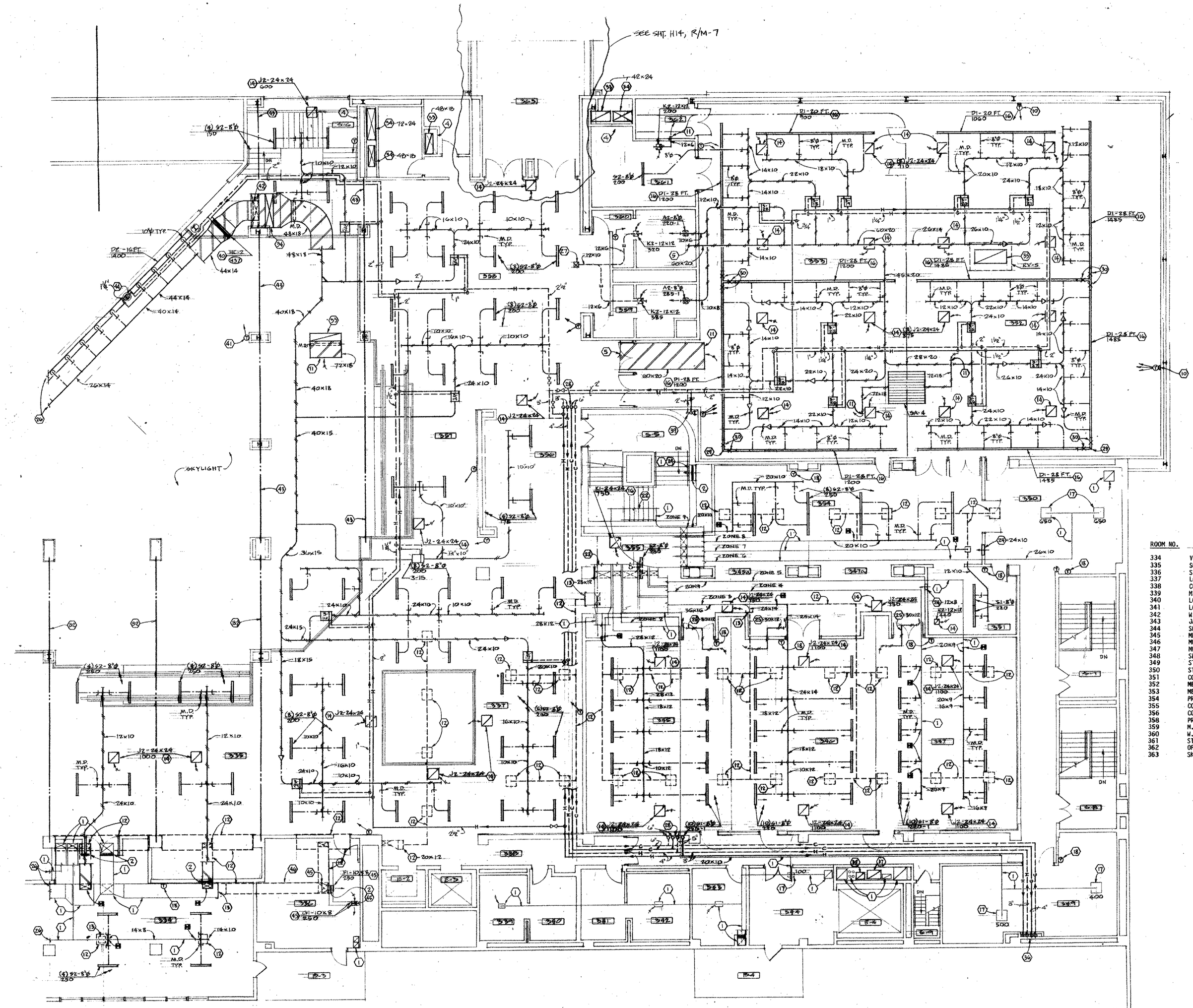
REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

MAIN: PORTER ASSOCIATES, INC
FACILITIES PLANNING
Dayton, Ohio 45402
(513) 461-5501

DATE 1/82
DRAWN BY
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PROJECT NO.
SHEET NO. M-4

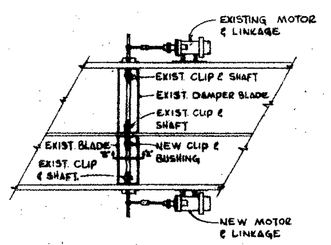
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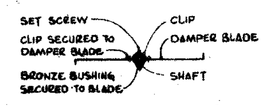
NOTES

1. EXISTING.
2. TYPE "B" FIRE DAMPER.
3. SUPPLY AND RETURN AIR DUCT DOWN TO SERVE BANQUET HALL.
4. FIRE RATED SHAFT BY G.C.
5. REFER TO FOURTH FLOOR PLAN FOR CONTINUATION.
6. MAKE-UP AIR DUCT DOWN TO SERVE FIRST FLOOR.
7. SUPPLY AIR DUCT DOWN TO SERVE FIRST AND SECOND FLOORS.
8. SUPPLY AIR DUCT FROM ABOVE.
9. RETURN AIR DUCT FROM ABOVE.
10. PROVIDE INSULATED SUB-BASE FOR THERMOSTAT.
11. RETURN AIR DUCT OPEN TO PLENUM ABOVE CEILING.
12. REMOVE EXISTING DUCTWORK, AIR DEVICE OR EQUIPMENT.
13. CAP EXISTING DUCT AND SEAL AIR-TIGHT WITH INSULATED SHEETMETAL.
14. RETURN AIR DEVICE OPEN TO PLENUM ABOVE CEILING.
15. OPENING IN WALL ABOVE CEILING FOR RETURN AIR - SIZE AS NOTED.
16. LINEAL FEET OF ACTIVE PORTION LISTED. SLOT DIFFUSER SHALL BE CONTINUOUS AS SHOWN ON THE PLANS. BLANK-OFF INACTIVE PORTIONS PER NOTE 30.
17. BALANCE EXISTING AIR DEVICE TO LISTED CFM.
18. NEW THERMOSTAT SHALL CONTROL VAV DAMPER MOTORS ON EXISTING HOT AND COLD DECK DUCTWORK. HVAC CONTRACTOR SHALL MODIFY ALL EXISTING ZONES OF EXISTING A.H. UNIT NO. 10 PER DETAIL ON THIS SHEET. WHERE MORE THAN ONE ZONE SERVES ONE AREA THE DAMPERS SHALL BE CONTROLLED SIMULTANEOUSLY AND ALIKE BY ONE THERMOSTAT. REMOVE AND DISCARD EXISTING THERMOSTATS SERVING THIS AREA. NOTIFY THE A.T.C. CONTRACTOR THAT EXISTING ZONES NO. 1, 3 AND 4 HAVE ALREADY BEEN MODIFIED WITH NEW DAMPERS AND THAT HE MUST PROVIDE CONTROL OF THESE DAMPERS.
19. ELECTRICAL CONTRACTOR TO PROVIDE AN ADJUSTABLE FREQUENCY DRIVE FOR FAN AIR VOLUME CONTROL. ATC CONTRACTOR SHALL PROVIDE A STATIC PRESSURE SENSOR IN THE HOT DECK AND COLD DECK DISCHARGE PLENUM AND THRU A RECEIVER CONTROLLER SEND A 3 TO 15 PSIG SIGNAL TO THE A.F. DRIVE TO CONTROL FAN SPEED. COORDINATE WITH E.C.
20. GENERAL CONTRACTOR TO PROVIDE NEW SUPPORT STEEL FOR A.H. UNIT. HVAC CONTRACTOR SHALL RELOCATE EXISTING A.H. UNIT APPROXIMATE 5 FT. UPWARD TO ACCOMMODATE A HIGH CEILING IN LOBBY BELOW. PROVIDE NEW 2" DEFLECTION SPRING VIBRATION ISOLATORS BELOW UNIT. MODIFY EXISTING PIPING, CONTROLS, FRESH AIR, RETURN AIR AND SUPPLY AIR DUCTWORK AS REQUIRED. ELECTRICAL CONTRACTOR TO MODIFY ELECTRICAL SERVICE. FIELD VERIFY EXISTING CONDITIONS AND COORDINATE CAREFULLY WITH THE GENERAL CONTRACTOR AND ELECTRICAL CONTRACTOR ON THE RELOCATION OF THIS UNIT.
21. CONVERT SIX (6) ZONES OF EXISTING MULTIZONE A.H. UNIT NO. 10 TO VARIABLE AIR VOLUME PER DETAIL ON THIS SHEET. EXTEND DAMPER BLADE SHAFT THRU DUCT AND MOUNT DAMPER ON EXTERIOR OF DUCTWORK. REFER TO SPECIFICATIONS FOR SEQUENCE OF OPERATION.
22. REFER TO FOURTH FLOOR EQUIPMENT ROOM PLAN THIS SHEET FOR CONTINUATION.
23. BALANCE EXISTING FAN TO A TOTAL OF 11,590 CFM. CHANGE OR ADJUST SHEAVES AS REQUIRED.
24. RETURN AIR OPENING IN WALL ABOVE CEILING. SIZE AS NOTED.
25. ACOUSTICALLY LINED "Z" DUCT THRU WALL OPEN ON EACH END TO CEILING PLENUM FOR RETURN AIR.
26. REFER TO THIRD FLOOR "A" FOR CONTINUATION.
27. TOILET EXHAUST DUCT UP THRU FOURTH FLOOR SLAB.
28. CHILLED AND HOT WATER PIPING UP THRU FOURTH FLOOR SLAB.
29. MITERED CORNER.
30. BLANK-OFF PORTION OF SLOT DIFFUSER WITH INSULATED SHEETMETAL.
31. LINEAL FEET OF ACTIVE PORTION LISTED. SLOT DIFFUSER SHALL BE CONTINUOUS AS SHOWN ON THE PLANS. BLANK-OFF INACTIVE PORTIONS PER NOTE 30.
32. DEEP STRUCTURAL BEAM - NO CLEARANCE TO PASS DUCTWORK BELOW.
33. RETURN AIR DUCT FROM ABOVE. REFER TO THE FOURTH FLOOR "B" FOR CONTINUATION.
34. SUPPLY AIR DUCT FROM ABOVE. REFER TO FOURTH FLOOR "B" FOR CONTINUATION.
35. AUTOMATIC RELIEF AIR DAMPERS FULL SIZE OF ROOF VENT THROAT BY A.T.C. CONTRACTOR.
36. CHILLED AND HOT WATER SUPPLY AND RETURN PIPING DOWN THRU THIRD FLOOR SLAB TO EQUIPMENT ROOM BELOW.
37. NEW KITCHEN HOOD EXHAUST DUCT RISER.
38. NEW DISHWASHER HOOD EXHAUST DUCT RISER.
39. HOT WATER PIPES DOWN THRU THIRD FLOOR SLAB.
40. LOCATE SHUT-OFF AND CONTROL VALVES OVER AN ACCESSIBLE CEILING.
41. LOCATE THERMOSTAT AT THE FIRST FLOOR LEVEL 48" ABOVE FLOOR. THERMOSTAT SHALL CONTROL HEATING COIL HC-2 AND AUTOMATIC DAMPER. CONTROL SEQUENCE FOR HEATING COIL AND AUTOMATIC DAMPER (NOTE 42) SHALL BE THE SAME AS A TYPICAL VARIABLE VOLUME REHEAT TERMINAL. REFER TO SECTION 15870 OF THE SPECIFICATIONS.
42. AUTOMATIC DAMPER FULL SIZE OF SUPPLY DUCT BY THE A.T.C. CONTRACTOR.
43. DEEP STRUCTURAL BEAM - LIMITED CLEARANCE TO PASS DUCTWORK.
44. HOT WATER SUPPLY AND RETURN PIPES DROP DOWN ALONG COLUMN TO SERVE UNIT HEATERS BELOW.
45. PROVIDE UNDER ALTERNATE BID H-2 ONLY.
46. EXISTING DUCT TO REMAIN UNDER ALTERNATE BID H-2 ONLY AND SERVE ELEVATOR EQUIPMENT ROOM.
47. INSPECT EXISTING FAN SHAFT AND BEARINGS. REPORT DEFICIENCIES TO THE OWNER. CLEAN EXISTING HEATING AND COOLING COILS.

ROOM NO.	ROOM NAME
334	VIP LOUNGE
335	SOUTH PREFUNCTION
336	STORAGE
337	LOUNGE
338	CORRIDOR
339	M. TOILET
340	LOUNGE
341	LOUNGE
342	W. TOILET
343	JANITOR
344	SERVICE
345	MEETING ROOM
346	MEETING ROOM
347	MEETING ROOM
348	SERVICE CORRIDOR
349	STORAGE
350	STAGING
351	COATS
352	MEETING ROOM
353	MEETING ROOM
354	PREFUNCTION
355	CORRIDOR
356	CORRIDOR
358	PREFUNCTION
359	M. TOILET
360	W. TOILET
361	STORAGE
362	OPER. WALL STORAGE
363	SKYWALK



MULTIZONE DAMPERS



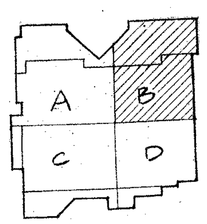
SECTION "A"-"A"

MULTIZONE DAMPER MODIFICATION
SCALE: NONE

GENERAL NOTE: REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING MOUNTED AIR DEVICES.

THIRD FLOOR PLAN - AREA "B"
1/8"=1'-0"

FOURTH FLOOR EQUIPMENT ROOM
SCALE: 1/8"=1'-0"



STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
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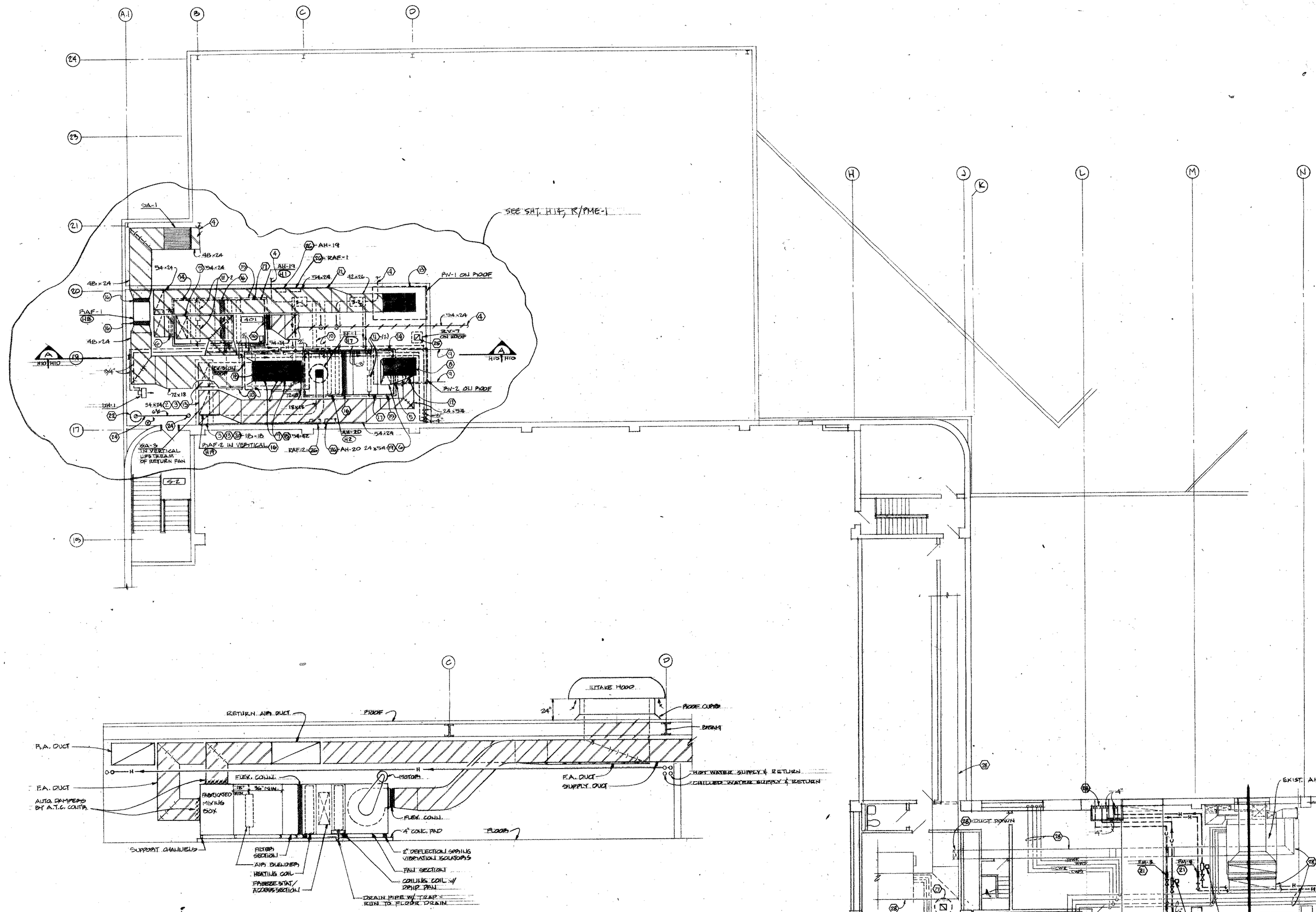
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEWIS · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402

DATE 6/1/82
DRAWN BY M.H.
CHECKED BY C.L.
PROJECT NO. 5741.00

H-8

307	307
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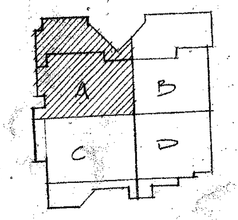
SECTION A
SCALE: 1/4"=1'-0"

NOTE: AH-20 IS SIMILAR IN CONFIGURATION.

NOTES

1. TYPE "B" FIRE DAMPER.
2. SUPPLY AND RETURN AIR DUCT DOWN THRU FLOOR SLAB TO FIRST AND SECOND FLOOR LEASE OFFICE SPACES.
3. PROVIDE TYPE "B" FIRE DAMPER AT ALL FLOOR PENETRATIONS.
4. REFER TO PLAN THIRD FLOOR AREA "A" FOR CONTINUATION.
5. TIGHT SEALING AUTOMATIC RETURN AIR DAMPER BY A.T.C. CONTRACTOR. SAME SIZE AS DUCT.
6. TIGHT SEALING AUTOMATIC FRESH AIR DAMPER BY A.T.C. CONTRACTOR. SAME SIZE AS DUCT.
7. TIGHT SEALING AUTOMATIC RELIEF AIR DAMPERS BY A.T.C. CONTRACTOR. SAME SIZE AS ROOF VENT THROAT SIZE.
8. DUCT UP TO ROOF VENT.
9. CENTERLINE OF STRUCTURAL MEMBERS.
10. COIL AND FAN SHAFT PULL AREA. DO NOT OBSTRUCT.
11. AIR BLENDER MODEL 36TC BY ROCKY MOUNTAIN PRODUCTS, DENVER, COLORADO. INSTALL WITH PROPER UPSTREAM AND DOWNSTREAM CLEARANCES PER MANUFACTURER'S RECOMMENDATIONS.
12. FRESH AIR INTAKE DUCTWORK INSULATION SHALL BE 2" THICK.
13. PROVIDE 4" CONCRETE CURB AROUND ALL FLOOR PENETRATIONS.
14. FIELD FABRICATED MIXING BOX.
15. PROVIDE 4" HIGH CONCRETE PAD BELOW EQUIPMENT.
16. FLEXIBLE CONNECTION.
17. PROVIDE 2" DEFLECTION SPRING ISOLATORS.
18. SHEETMETAL BAFFLE TO SEPARATE AH-19 AND AH-20 RELIEF AIR.
19. FRESH AIR DUCT DOWN AND CONNECT TO MIXING BOX.
20. TOILET EXHAUST DUCT DOWN.
21. FLOW METER - REFER TO SCHEDULE FOR SIZE AND GPM.
22. WATER HEATER BY P.C.
23. HOT AND CHILLED WATER SUPPLY AND RETURN WATER PIPES DOWN. REFER TO THE THIRD FLOOR AREA "A" FOR CONTINUATION. PROVIDE 4" CURB AROUND FLOOR PENETRATIONS.
24. FLUE FROM GAS FIRED DOMESTIC HOT WATER HEATER BY THE HVAC CONTRACTOR. HEATER BY P.C. EXTEND FLUE UP THRU ROOF WITH THIMBLE AND TERMINATE 3 FT. ABOVE ROOF LEVEL WITH WEATHERPROOF CAP.
25. EXTEND COMBUSTION AIR DUCT DOWN TO WITHIN 4" OF FLOOR. PROVIDE MANUAL DAMPER IN DUCT DROP. DUCT SHALL BE FULL SIZE OF ROOF VENT THROAT.
26. INVERTER BY THE E.C. FOR A.H. UNIT VARIABLE AIR VOLUME. CONTROL SIGNAL BY THE A.T.C. CONTRACTOR. ASSOCIATED DEVICE TO BE CONTROLLED AS INDICATED.
27. REMOVE EXISTING EXHAUST FAN EF-5. INSTALL NEW EXHAUST FAN AND CONNECT TO EXISTING DUCTWORK.
28. EXISTING.
29. INSPECT EXISTNG FAN SHAFT AND BEARINGS. REPORT DEFICIENCIES TO THE OWNER. CLEAN EXISTING HEATING AND COOLING COILS.

ROOM NO.	ROOM NAME
401	MECHANICAL
402	PROJECTION BOOTH
403	HALL
404	TOILET ROOM
405	HALL
406	MECHANICAL ROOM
407	MECHANICAL EQUIPMENT



FOURTH FLOOR PLAN - AREA "A"
1/8"=1'-0"

PRINTING

REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 226 1951

DATE 6/9/86
DRAWN BY
CHECKED BY C.L.C.
PROJECT NO. 5741.09

H-10

30B	30B
30A	32A
1	1
COPY	OVER #5

NOTES

1 EXISTING.

2 TYPE "B" FIRE DAMPER.

3 SUPPLY AIR DUCT DOWN THRU FLOOR SLAB TO FIRST FLOOR LOBBY. DUCT SUPPLIES MAKE-UP AIR FOR SMOKE EVACUATION FAN.

4 PROVIDE TYPE "B" FIRE DAMPER AT ALL FLOOR PENETRATIONS.

5 SUPPLY AIR DUCT DOWN THRU FLOOR SLAB.

6 RETURN AIR DUCT DOWN THRU FLOOR SLAB.

7 DUCTWORK LOCATED ABOVE THIRD FLOOR CEILING.

8 REFER TO PLAN THIRD FLOOR AREA "B" FOR CONTINUATION.

9 FRESH AIR INTAKE LOUVER. PROVIDE BIRDSCREEN BEHIND FACE OF LOUVER.

10 DUCT UP THRU ROOF TO RELIEF VENTILATOR.

11 TIGHT SEALING AUTOMATIC RETURN AIR DAMPER BY A.T.C. CONTRACTOR. SAME SIZE AS DUCT.

12 TIGHT SEALING AUTOMATIC FRESH AIR DAMPER BY A.T.C. CONTRACTOR. SAME SIZE AS DUCT.

13 FIELD FABRICATED MIXING BOX.

14 SHEETMETAL BAFFLE.

15 SUPPLY AND RETURN AIR DUCTS DOWN TO SERVE BANQUET HALL.

16 TIGHT SEALING TWO-POSITION AUTOMATIC DAMPER BY A.T.C. CONTRACTOR INTERLOCKED WITH FAN TO OPEN WHEN FAN IS ENERGIZED. DAMPER SHALL BE NORMALLY CLOSED.

17 PROVIDE SHEETMETAL RAIN SHIELD ABOVE FAN INLET. PRIME AND PAINT WITH TWO COATS OF WEATHERPROOF PAINT.

18 PROVIDE 4" HIGH CONCRETE PAD BELOW EQUIPMENT.

19 PROVIDE 4" CONCRETE CURB AROUND ALL FLOOR PENETRATIONS.

20 AIR BLENDER MODEL 36TC BY ROCKY MOUNTAIN PRODUCTS, DENVER, COLORADO. INSTALL WITH PROPER UPSTREAM AND DOWNSTREAM CLEARANCES PER MANUFACTURER'S RECOMMENDATIONS.

21 FLEX CONNECTION.

22 FILTER SECTION.

23 PROVIDE 2" DEFLECTION SPRING ISOLATORS.

24 SMOKE EVACUATION MAKE-UP AIR FAN. ATC CONTRACTOR SHALL INTERLOCK WITH SMOKE EVACUATION FAN.

25 FRESH AIR INTAKE DUCTWORK INSULATION SHALL BE 2" THICK.

26 TIGHT SEALING AUTOMATIC RELIEF AIR DAMPERS BY A.T.C. CONTRACTOR. SAME SIZE AS ROOF VENT THROAT SIZE.

27 TOILET EXHAUST DUCT FROM BELOW.

28 EQUIPMENT SUPPORT CURBS.

29 INLET BELL.

30 OUTLET CONE.

31 TIGHT SEALING AUTOMATIC RELIEF AIR DAMPERS (SERVING AH-21) BY A.T.C. CONTRACTOR. SIZE AS NOTED. DAMPERS SHALL BE FULLY CLOSED WHEN SMOKE EVACUATION FAN H-33 IS ENERGIZED.

32 PROVIDE A PERFORATED METAL LINER ON INTERIOR OF DUCT TO PREVENT EROSION OF INTERIOR ACOUSTICAL INSULATION. DUCTWORK MAY BE FLAT OVAL OF EQUIVALENT SIZE AT CONTRACTOR'S OPTION.

33 FLOW METER - REFER TO SCHEDULE FOR SIZE AND GPM.

34 NEW HOT AND CHILLED WATER SUPPLY AND RETURN PIPES DOWN THRU FLOOR SLAB. REFER TO THIRD FLOOR "B" PLAN FOR CONTINUATION.

35 NEW HOT AND CHILLED WATER SUPPLY AND RETURN PIPES FROM BELOW. REFER TO THIRD FLOOR "B" PLAN FOR CONTINUATION.

36 PROVIDE 4" CONCRETE CURB AROUND PIPE PENETRATIONS.

37 CONTRACTOR SHALL VERIFY THAT EXISTING MOTORIZED FLUE DAMPER IS FULLY OPEN WHEN BOILER IS ENERGIZED. CORRECTIVE MEASURES SHALL BE TAKEN IF REQUIRED.

38 COMBUSTION AIR LOUVERS.

39 INVERTER BY THE E.C. FOR A.H. UNIT VARIABLE AIR VOLUME. CONTROL SIGNAL BY THE A.T.C. CONTRACTOR. ASSOCIATED DEVICE TO BE CONTROLLED AS INDICATED.

40 UTILIZE EXISTING DUCT RISER.

41 NEW DISHWASHER EXHAUST DUCT FROM THE FIRST FLOOR. SIZE AS NOTED.

42 BALANCE EXISTING TOILET EXHAUST FAN TO 800 CFM AT 1/8" T.S.P. CHANGE-OUT SHEAVES AND MOTOR IF REQUIRED.

43 REMOVE EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK CONNECTIONS.

44 NEW KITCHEN HOOD EXHAUST DUCT FROM THE FIRST FLOOR. SIZE AS NOTED.

45 SHAFT BY THE G.C. IS OPEN ON TOP FOR INTAKE AIR.

46 EQUIPMENT BY THE E.C.

47 REMOVE EXISTING DUCTWORK.

48 CAP EXISTING DUCT AND SEAL AIR TIGHT.

49 SLOT IN WALL BY THE G.C. HVAC CONTRACTOR SHALL UTILIZE THIS SLOT FOR RETURN AND SMOKE EVACUATION AIR. REFER TO DETAIL 15 ON SHEET A-35 OF THE ARCHITECTURAL DRAWINGS.

50 60" X 18" SHEET METAL PLENUM BY THIS CONTRACTOR. INSIDE OF ENCLOSURE BY G.C. CONNECT TO 8" SLOT IN WALL PROVIDED BY G.C. AND SEAL AIR TIGHT. REFER TO DETAIL 15 ON SHEET A-35 OF THE ARCHITECTURAL DRAWINGS.

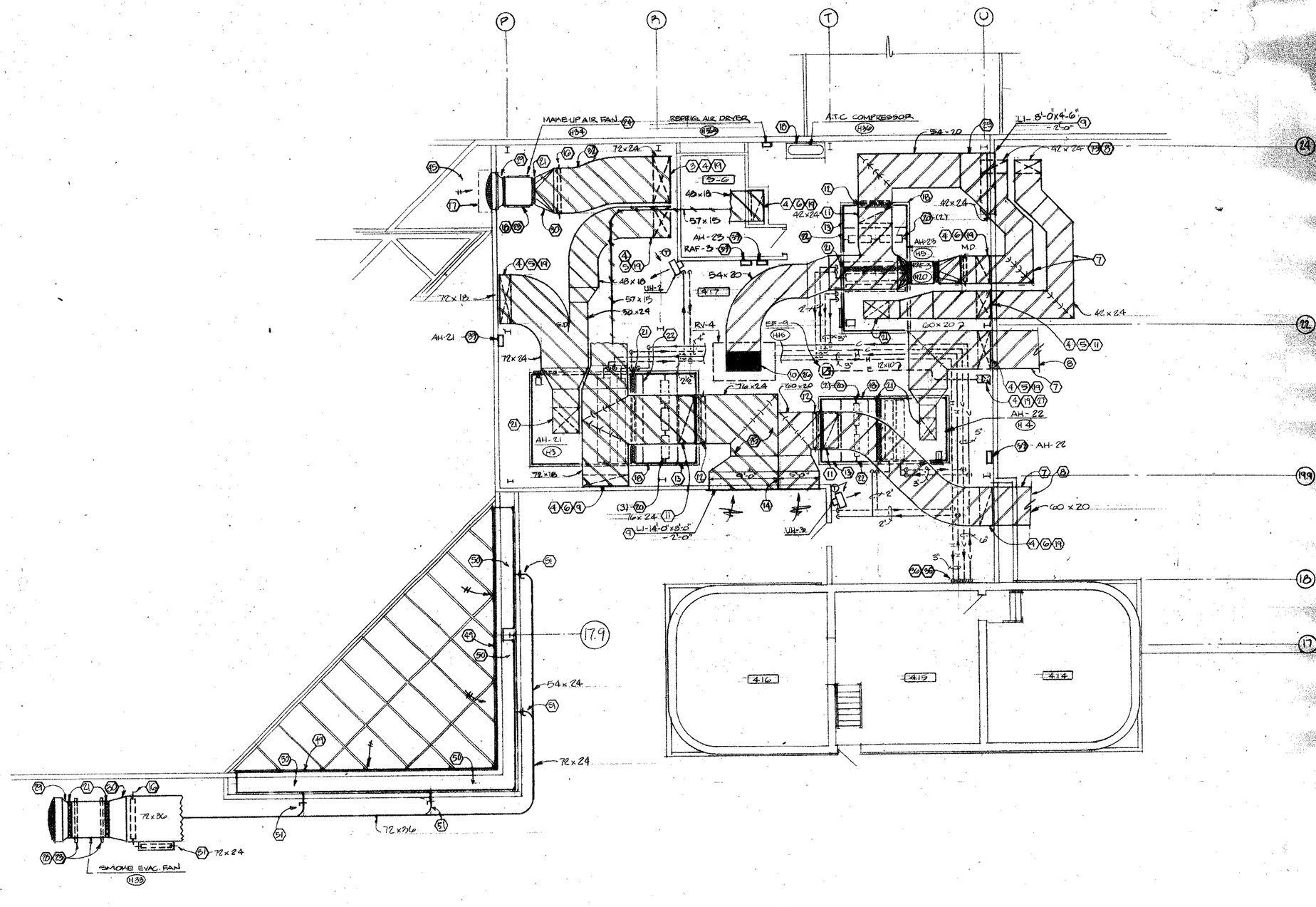
51 54" X 24" DUCT WITH MANUAL DAMPER SET AT 13,500 CFM WHEN SMOKE EVACUATION FAN IS ENERGIZED.

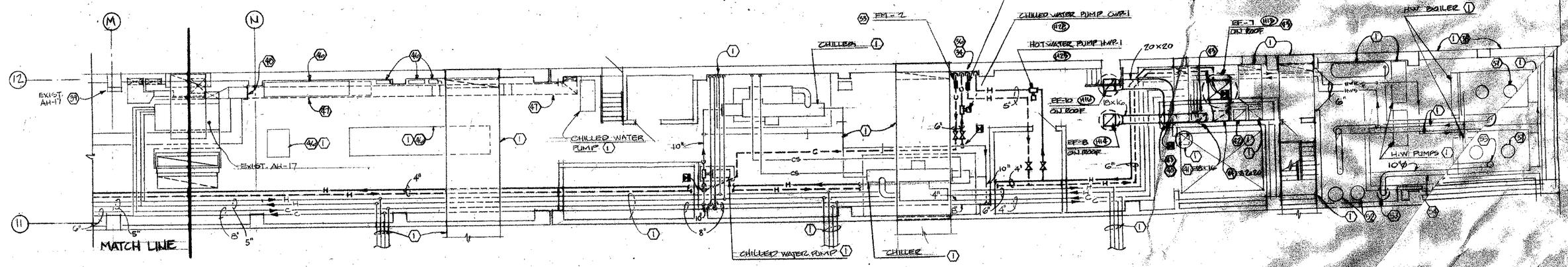
52 THE P.C. IS RELOCATING THE EXISTING GAS FIRED HOT WATER HEATERS WITH FORCED DRAFT BURNERS APPROXIMATELY 6' TO THE WEST. THE HVAC CONTRACTOR SHALL MODIFY THE EXISTING FLUES AS REQUIRED TO MATCH THE NEW LOCATION. EXISTING FLUES HAVE BRAZED JOINTS.

53 NEW ATMOSPHERIC GAS FIRED HOT WATER HEATER BY THE P.C.

54 NEW FLUE BY THE HVAC CONTRACTOR.

55 CUT OPENING IN ROOF AND PROVIDE THIMBLE AT PENETRATION FOR NEW FLUE PIPE. TERMINATE FLUE ABOVE ROOF AT HEIGHT EQUAL TO EXISTING FLUES WITH WEATHERPROOF CAP.





ROOM NO.	ROOM NAME
407	MECHANICAL EQUIPMENT
408	ELEVATOR ROOM
409	ELEVATOR ROOM
411	MECHANICAL ROOM
414	MECHANICAL
415	RANK ROOM
416	MECHANICAL
417	MECHANICAL

FOURTH FLOOR PLAN - AREA "B"

1/8" = 1'-0"

STATE OF OHIO
REGISTERED
PROFESSIONAL
ENGINEER
ROBERT E. SCHMIDT
NO. 15,
REGISTERED
PROFESSIONAL
ENGINEER
ROBERT E. SCHMIDT
NO. 15,

PRINTING

REVISIONS

PROPOSED 3RD EXPANSION OF
DAYTON CONVENTION CENTER
E. FIFTH AND MAIN STREETS
DAYTON, OHIO

CONSULTING ENGINEERS

DRAWN BY	
CHECKED BY	
JOB NO.	
DATE	

309	309
328	328
CONT.	OVER. #5

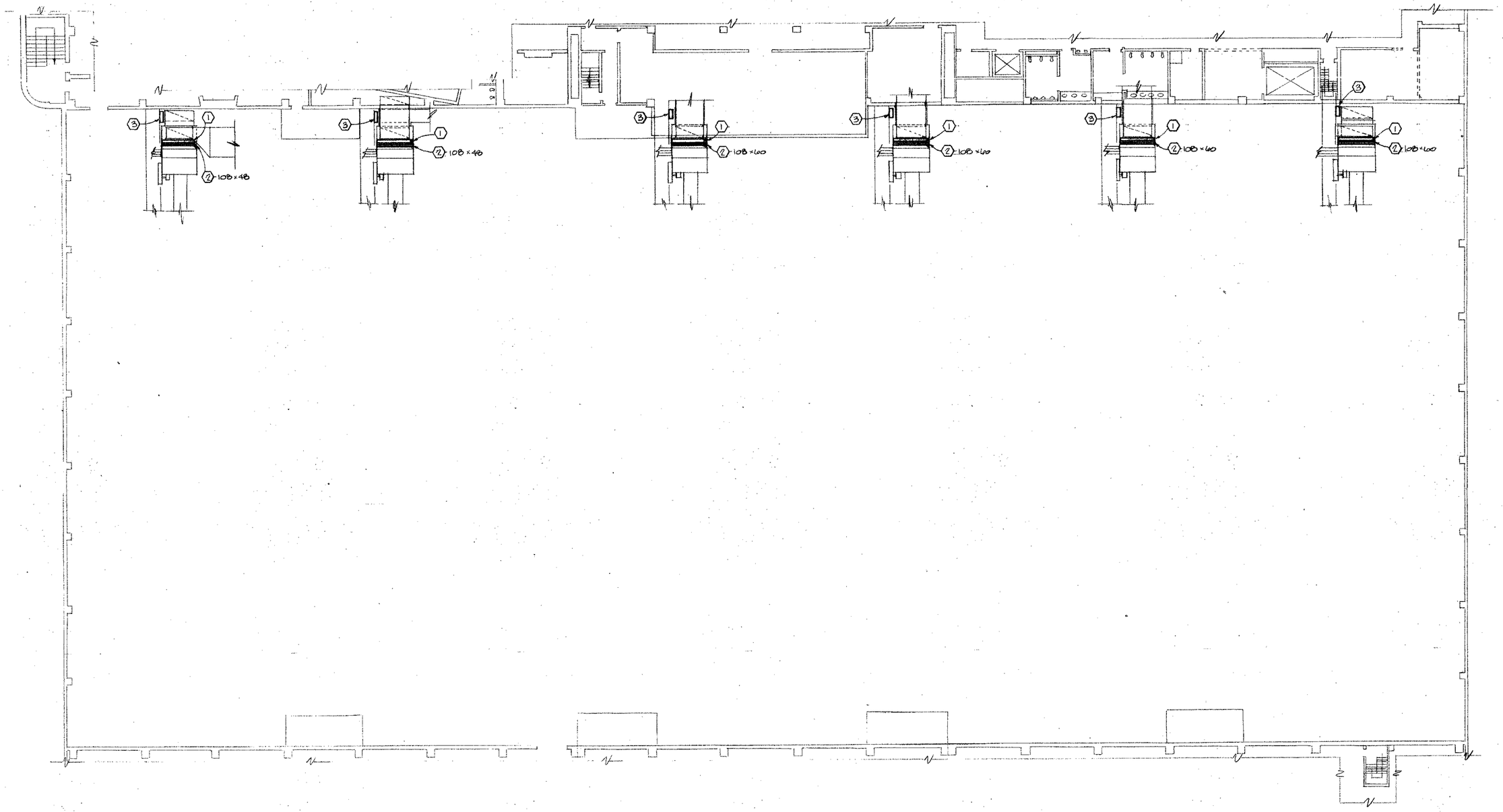


EXHIBIT HALL AND PARTIAL FOURTH FLOOR PLAN - HVAC

1/16" = 1'-0"

NOTE: ALL WORK INDICATED ON THIS SHEET SHALL BE PROVIDED UNDER ALTERNATE BID #.5 ONLY.

NOTES ⬡

1 REMOVE AIR FILTERS AND REPLACE WITH TYPE "01" FILTERS.

2 INSTALL NEW AIR PURIFICATION SYSTEM TYPE "02" IN THE EXISTING AIR HANDLING UNIT UNDER ALTERNATE BID. INSTALL IN THE EXISTING SPACE DOWNSTREAM OF THE FILTERS. PROVIDE SHEETMETAL BAFFLES AND ACCESS DOORS AS REQUIRED - MODIFY THE EXISTING HOUSING AS REQUIRED. SEAL THE AIR PURIFICATION SYSTEM TO PREVENT AIR LEAKAGE AROUND SYSTEM. PROVIDE A DOOR SAFETY SWITCH TO SHUTDOWN SYSTEM WHEN ACCESS DOOR IS OPENED. RELOCATE EXISTING AUTOMATIC TEMPERATURE CONTROL DEVICES IF REQUIRED.

3 POWER GENERATOR FOR THE AIR PURIFICATION SYSTEM. MOUNT ON UNISTRUT CHANNELS FASTENED TO FLOOR.

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
28007 T. J. KOSOLAMAK
T. C. MONNIG 05700
R. J. WERLING 23040
R. J. PEARSON 34402
R. R. WEBER 41705

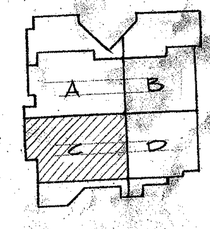
PRINTING

REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN PORTER ASSOCIATES, INC
ARCHITECTURE PLANNING

DATE 6/9/82
DRAWN BY
CHECKED BY
PROJECT NO. 7741



M-13

EQUIPMENT DATA

H25 HWP-1 - HOT WATER CIRCULATING PUMP - TYPE 1B, 1 REQUIRED. CAPACITY OF PUMP SHALL BE 275 GPM AT 50 FT. HD. MOTOR: 7-1/2 HP, 460 VOLT, 3 PHASE.

H26 HWP-2 - HOT WATER CIRCULATING PUMP - TYPE 1B, 1 REQUIRED. CAPACITY OF PUMP SHALL BE 137 GPM AT 65 FT. HD. MOTOR: 7-1/2 HP, 460 VOLT, 3 PHASE.

H27 HWP-3 - HOT WATER CIRCULATING PUMP (SERVING AH-24) - TYPE 1B, 1 REQUIRED. CAPACITY OF PUMP SHALL BE 95 GPM AT 15 FT. HD. MOTOR: 1 HP, 460 VOLT, 3 PHASE.

H28 CWP-1 - CHILLED WATER CIRCULATING PUMP - TYPE 1B, 1 REQUIRED. CAPACITY OF PUMP SHALL BE 479 GPM AT 50 FT. HD. MOTOR: 15 HP, 460 VOLT, 3 PHASE.

H29 CWP-2 - CHILLED WATER CIRCULATING PUMP - TYPE 1B, 1 REQUIRED. CAPACITY OF PUMP SHALL BE 199 GPM AT 55 FT. HD. MOTOR: 7-1/2 HP, 460 VOLT, 3 PHASE.

H30 RT-1 - ROOF-TOP PACKAGE COOLING UNIT. (PROVIDE UNDER ALTERNATE H-4 ONLY) 800 CFM AT 0.5 INCH EXTERNAL STATIC PRESSURE, 15 PERCENT FRESH AIR.
SUPPLY FAN - 1/3 HP
COOLING COIL - 18 MBH SENSIBLE AND 20 MBH TOTAL WITH 80 DEGREES DB AND 67 DEGREES WB ENTERING AIR AND 95 DEGREES DB AMBIENT AIR TEMPERATURE.
UNIT ELECTRICAL DATA: 15 FLA, 208 VOLT, 3 PHASE.

H31 RT-2 - ROOF-TOP PACKAGE COOLING UNIT. (PROVIDE UNDER ALTERNATE H-6 ONLY) 600 CFM AT 0.5 INCH EXTERNAL STATIC PRESSURE, 15 PERCENT FRESH AIR.
SUPPLY FAN - 1/3 HP
COOLING COIL - 14 MBH SENSIBLE AND 22 MBH TOTAL WITH 80 DEGREES DB AND 67 DEGREES WB ENTERING AIR AND 95 DEGREES DB AMBIENT AIR TEMPERATURE.
UNIT ELECTRICAL DATA: 15 FLA, 208 VOLT, 3 PHASE.

H32 RT-3 - ROOF-TOP PACKAGE COOLING UNIT. (PROVIDE UNDER ALTERNATE H-5 ONLY) 825 CFM AT 0.5 INCH EXTERNAL STATIC PRESSURE, 15 PERCENT FRESH AIR.
SUPPLY FAN - 1/3 HP
COOLING COIL - 21 MBH SENSIBLE AND 26 MBH TOTAL WITH 80 DEGREES DB AND 67 DEGREES WB ENTERING AIR AND 95 DEGREES DB AMBIENT AIR TEMPERATURE.
UNIT ELECTRICAL DATA: 20 FLA, 208 VOLT, 3 PHASE.

H33 SMOKE EVACUATION FAN - TYPE C1, 54,000 CFM AT 1.75" TOTAL STATIC PRESSURE (1" SYSTEM STATIC PRESSURE), 25 H.P., 460 VOLT, 3 PHASE MOTOR. PROVIDE SUPPORT LEGS, INLET CONE, OUTLET CONE AND SPRING VIBRATION ISOLATORS. FAN SHALL BE WEATHERPROOF FOR OUTDOOR USE.

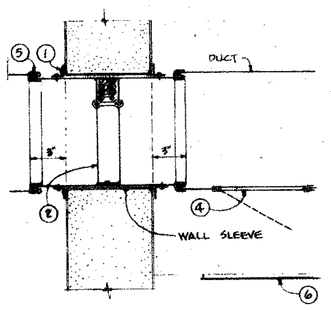
H34 MAKE-UP AIR FAN - TYPE C1 FOR SMOKE EVACUATION SYSTEM, 32,000 AT 1.00" TOTAL STATIC (.75" SYSTEM STATIC PRESSURE), 7-1/2 H.P., 460 VOLT, 3 PHASE MOTOR. PROVIDE SUPPORT LEGS, INLET CONE, OUTLET CONE AND SPRING VIBRATION ISOLATORS.

H35 HC-1 - DUCT HEATING COIL - HOT WATER TYPE - 1.5 SQ. FT. FACE AREA. 600 CFM AT 55 DEGREE ENTERING AIR. 24,000 BTU/HR WITH 180 DEGREES ENTERING WATER, 2.4 GPM, MAXIMUM AIR PRESSURE DROP 0.15 INCHES OF WATER COLUMN. MAXIMUM 5 FT. WATER PRESSURE DROP.

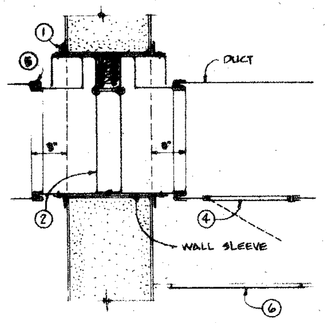
H36 AUTOMATIC TEMPERATURE CONTROLS COMPRESSOR - BY THE A.T.C. CONTRATOR. MOTOR: 3 H.P., 460 VOLT, 3 PHASE.

H36a REFRIGERANT AIR DRYER - BY A.T.C. CONTRACTOR. MOTOR: 1/6 H.P., 120 VOLT, 1 PHASE.

H37 HC-2 - DUCT HEATING COIL - HOT WATER TYPE - 8 SQ. FT. FACE AREA. 5500 CFM AT 55 DEGREE ENTERING AIR. 250,000 BTU/HR WITH 180 DEGREES ENTERING WATER, 13 GPM, MAXIMUM AIR PRESSURE DROP 0.15 INCHES OF WATER COLUMN. MAXIMUM 5 FT. WATER PRESSURE DROP. APPROXIMATE DIMENSION 48" WIDE X 24" HIGH.



FIRE DAMPER TYPE "A" (P, H-15)
SCALE: NONE

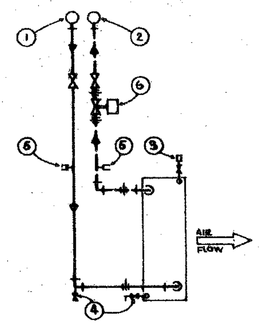


FIRE DAMPER TYPE "B" (Q, H-15)
SCALE: NONE

FIRE DAMPER NOTES

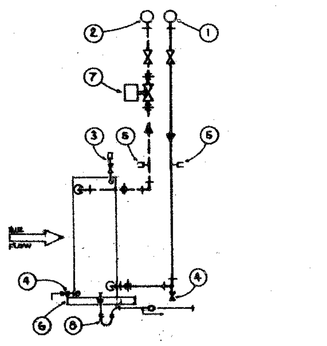
1. MOUNTING OF FIRE DAMPER TO CONFORM TO NFPA 90A, SMACNA & FIRE DAMPER MANUFACTURERS RECOMMENDATIONS.
2. INSTALLATION OF FIRE DAMPERS IN WALL SHOWN. DAMPERS IN FLOOR SIMILAR.
3. FIRE DAMPERS TO HAVE UL LABEL.

(1) 22 GA. (0.86) REINFORCING ANGLE ON ALL FOUR SIDES OF WALL FINISH ANGLE TO FIRE DAMPER ON 6" CENTERS. TIE ONE FINISH ANGLE TO WALL.
(2) FIRE DAMPER WITH 24 GA. WALL SLEEVE INTEGRAL WITH DAMPER OR FURNISHED SEPARATELY. DAMPER SHALL BE FASTENED TO SLEEVE.
(3) 20 GA. (0.9) WIDE REINFORCING CLIP (SPACER FASTENED TO WALL ON 6' CENTERS. DO NOT FASTEN CLIP TO FIRE DAMPER.
(4) ACCESS DOOR IN DUCT - SEE SPECS.
(5) "SLIP DRIVE" CONNECTION. DO NOT USE "S" DRIVES, SCREWS OR RIVETS.
(6) ACCESS TO FIRE DAMPER GENERALLY THRU ACCESSIBLE TYPE CEILING. PROVIDE ACCESS PANEL IN NON-ACCESSIBLE WALLS OR CEILINGS



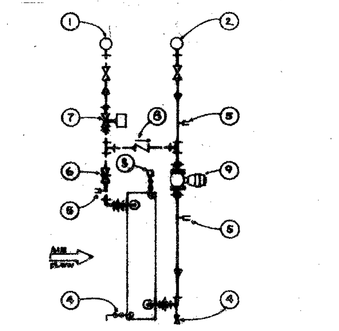
1. SUPPLY MAIN.
2. RETURN MAIN.
3. AUTOMATIC AIR VENT WITH COCK.
4. ¾" DRAIN VALVE.
5. TEMPERATURE/PRESSURE INSERT PLUG.
6. AUTOMATIC TWO PORT CONTROL VALVE.

A.H. UNIT-WATER TYPE HEATING COIL (G, H-15)
SCALE: NONE



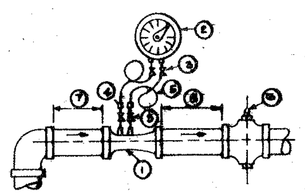
1. SUPPLY MAIN.
2. RETURN MAIN.
3. AUTOMATIC AIR VENT WITH COCK.
4. ¾" DRAIN VALVE.
5. TEMPERATURE/PRESSURE INSERT PLUG.
6. DRAIN PAN.
7. AUTOMATIC TWO PORT CONTROL VALVE. NORMALLY CLOSED THRU COIL.
8. DEEP SEAL TRAP ON DRAIN PIPING. REFER TO DETAIL /

A.H. UNIT-WATER TYPE COOLING COIL (H, H-15)
SCALE: NONE



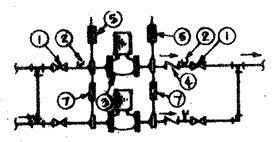
1. SUPPLY MAIN.
2. RETURN MAIN.
3. AUTOMATIC AIR VENT WITH COCK.
4. ¾" DRAIN VALVE.
5. TEMPERATURE/PRESSURE INSERT PLUG.
6. BALANCING VALVE.
7. AUTOMATIC TWO PORT CONTROL VALVE.
8. CHECK VALVE IN FULL SIZE BY-PASS.
9. LOCAL RECIRCULATING PUMP.

A.H. UNIT-WATER TYPE PREHEAT COIL (J, H-15)
SCALE: NONE



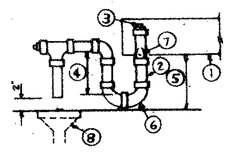
1. VENTURI OR FLOW FITTING.
2. PORTABLE METER.
3. CROSS.
4. QUICK COUPLING.
5. FLEXIBLE TUBING.
6. BALANCING COCK.
7. MANUFACTURER'S MINIMUM STRAIGHT PIPE LENGTH UPSTREAM.
8. MANUFACTURER'S MINIMUM STRAIGHT PIPE LENGTH DOWNSTREAM.

FLOW MEASURING STATION (R, H-15)
SCALE: NONE



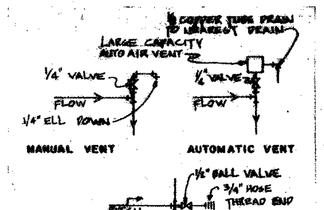
1. SHUT OFF VALVE.
2. PRESSURE PLUG.
3. PUMP WITH FLANGED CONNECTIONS.
4. CHECK VALVE - OMIT ON SINGLE PUMP INSTALLATIONS.
5. SPRING HANGER.
6. PARALLEL PUMP WHEN SPECIFIED.
7. TURNBUCKLE ADJUSTMENT.

PIPE MOUNTED PUMP TYPE IC (K, H-15)
SCALE: NONE

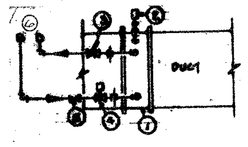


1. COPPER DRAIN TUBING 1¼" TO 20,000 CFM; 1½" SIZE FOR GREATER CFM.
2. CLEANOUT.
3. DEPTH OF SEAL = SPECIFIED FAN SP + 1½" (MINIMUM 3")
4. MIN. HGT. OF FAN ABOVE FLOOR = DEPTH OF TRAP SEAL + 3" (6" MIN.)
5. TRAP, PARALLEL TO SIDE OF UNIT.
6. FAN OUTLET STUB. (SHORT AS POSSIBLE)
7. RECESSED FLOOR DRAIN BY P.C.

A.H. UNIT COND. DRAIN (L, H-15)
SCALE: NONE

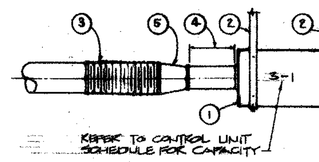


WATER SYSTEM SPECIALTIES (M, H-15)
SCALE: NONE



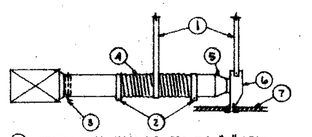
1. REHEAT COIL.
2. AUTOMATIC AIR VENT WITH COCK.
3. UNIONS: BALL & SHUT-OFF VALVE.
4. AUTOMATIC CONTROL VALVE.
5. SHUT-OFF VALVE.
6. HOT WATER SUPPLY & RET. MAINS ABOVE COIL TAPPINGS.

REHEAT COIL CONN. (N, H-15)
SCALE: NONE



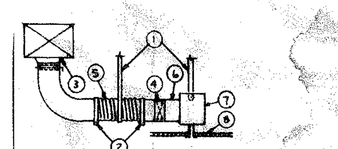
1. TERMINAL BOX.
2. HANGER STRAPS OR HANGER RODS & RODS.
3. FLEXIBLE CONNECTOR - INLET SIDE MAX. LENGTH 4 FT., CLAMP & SEAL EACH CONN.
4. STRAIGHT LENGTH OF SHEETMETAL DUCT MIN. 4 DIA. LONG, IF PRESS. EQUALIZATION OR STRAIGHTENING DEVICE (RELATIVE TO VELOCITY CONTROLLER) IS NOT INTEGRAL WITH BOX.
5. INLET DUCT TRANSITIONS TO FULL SIZE OF BOX INLET, IF REQ'D.
6. TRANSITION FROM FULL SIZE OF BOX DISCHARGE TO SIZE INDICATED ON PLANS.
7. CERTAIN BOXES HAVE HOT WATER REHEAT COILS. REFER TO DETAIL H/H2 FOR PIPING CONNECTIONS.

AIR CONTROL TERMINAL (A, H-15)
SCALE: NONE



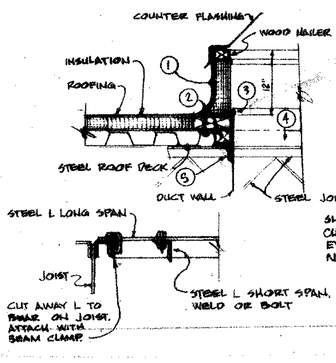
1. SHEETMETAL HANGER STRAPS - "U" BEND FOR FLEX.
2. DRAWBAND.
3. SPIN-IN DUCT TAP W/INTEGRAL BUTTERFLY DAMPER.
4. FLEXIBLE DUCT - TYPE "L6".
5. ROUND TO OVAL TRANSITION - WHERE REQUIRED
6. SLOT DIFFUSER W/ACOUSTIC INSULATION, PATTERN CONTROLLER AND DAMPER.
7. CEILING

SLOT DIFFUSER (B, H-15)
SCALE: NONE



1. SHEETMETAL HANGER STRAPS - "U" BEND FOR FLEX.
2. DRAWBAND
3. SPIN-IN DUCT TAP W/INTEGRAL BUTTERFLY DAMPER.
4. RADIAL OPP. BLADE DAMPER W/LOCKING HANDLE.
5. FLEXIBLE DUCT - TYPE "L6"
6. ROUND TO OVAL TRANSITION - WHERE REQUIRED
7. TEE BAR DIFFUSER W/ACOUSTIC LINING AND DISTRIBUTION BAFFLE.
8. CEILING

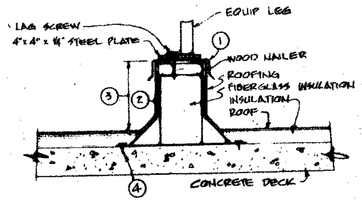
TEE BAR DIFFUSER (C, H-15)
SCALE: NONE



1. 18" HIGH INSULATED STEEL CURB.
2. PRESSURE TREATED PINE WOOD BLOCK FRAME BY HVAC - SAME THICKNESS AS ROOF INSULATION - BOLT OR SCREW TO DECK FOUR SIDES.
3. SHEET METAL SCREW.
4. CUT-IN DECK OPENING BY HVAC.
5. STEEL L FRAME FOUR SIDES TO SPAN BETWEEN JOISTS, 2½"x 2½" UP TO 4 FT.; 2½"x 2½" x ¼" UP TO 8 FT.

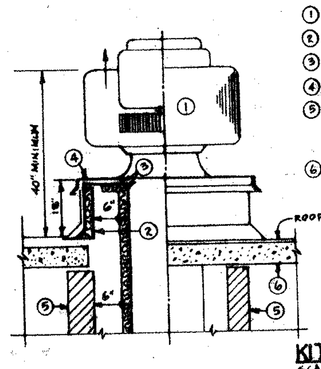
SHOWN FOR ROOF MOUNTED FANS OR VENTILATORS. CURBS FOR ROOF TOP AIR SUPPLY UNITS SIMILAR EXCEPT CURB FURNISHED BY UNIT MANUFACTURER. NOT APPLICABLE TO KITCHEN HOOD EXHAUST.

FAN MOUNTING CURB (D, H-15)
SCALE: NONE



1. COUNTER FLASHING BY HVAC
2. HEAVY GAUGE CONTINUOUS SUPPORT EXTENDS 6" BEYOND LAST EQUIP. LEG. SCREW ATTACHMENT TO DECK
3. 7/8" MIN. - 4" MAX. HEIGHT
4. EXPANSION LEGS TO DECK

EQUIPMENT SUPPORT (E, H-15)
CONCRETE DECK CONST.
SCALE: NONE



1. RANGE HOOD EXHAUST FAN - UPBLAST.
2. 18" HIGH INSULATED STEEL CURB BY H.C.
3. 16 GA. WELDED STEEL EXHAUST DUCT INSULATED.
4. OVERLAP FLASHING - FOR RANGE.
5. NON-COMBUSTIBLE ENCLOSURE 18" G.C. REQUIRED FOR ALL INTERMEDIATE FLOORS BETWEEN ROOF AND THE FLOOR ON WHICH HOOD IS LOCATED.
6. NON-COMBUSTIBLE ROOF DECK.

KITCHEN EXHAUST FAN (F, H-15)
SCALE: NONE

STATE OF OHIO
20067
T. J. FENDELMAN
T. E. MORRIS 30795
B. J. WERLING 33545
R. J. PEARSON 34483
R. R. WEBER 41395
REGISTERED PROFESSIONAL ENGINEERS

PRINTING

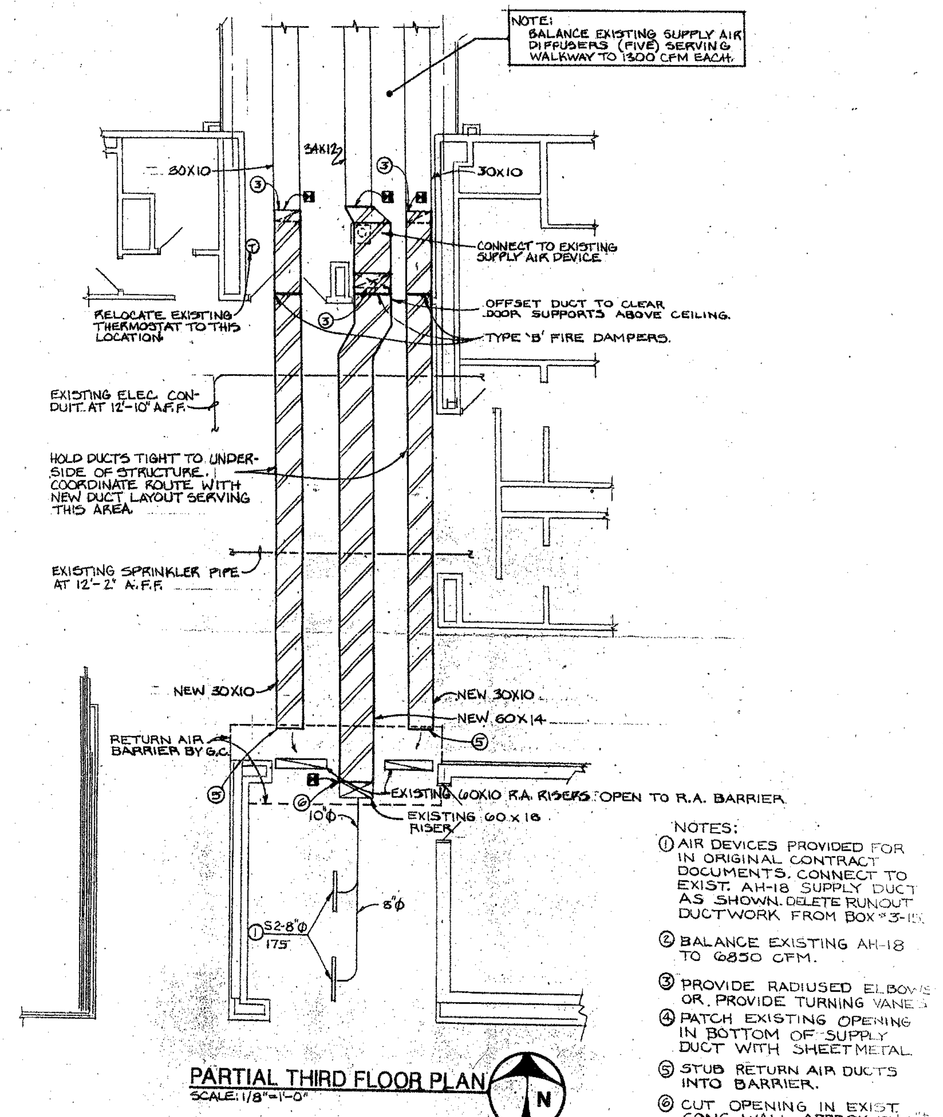
REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45459

DATE 6/9/82
DRAWN BY G.M.
CHECKED BY C.L.C.
PROJECT NO. 5741.00

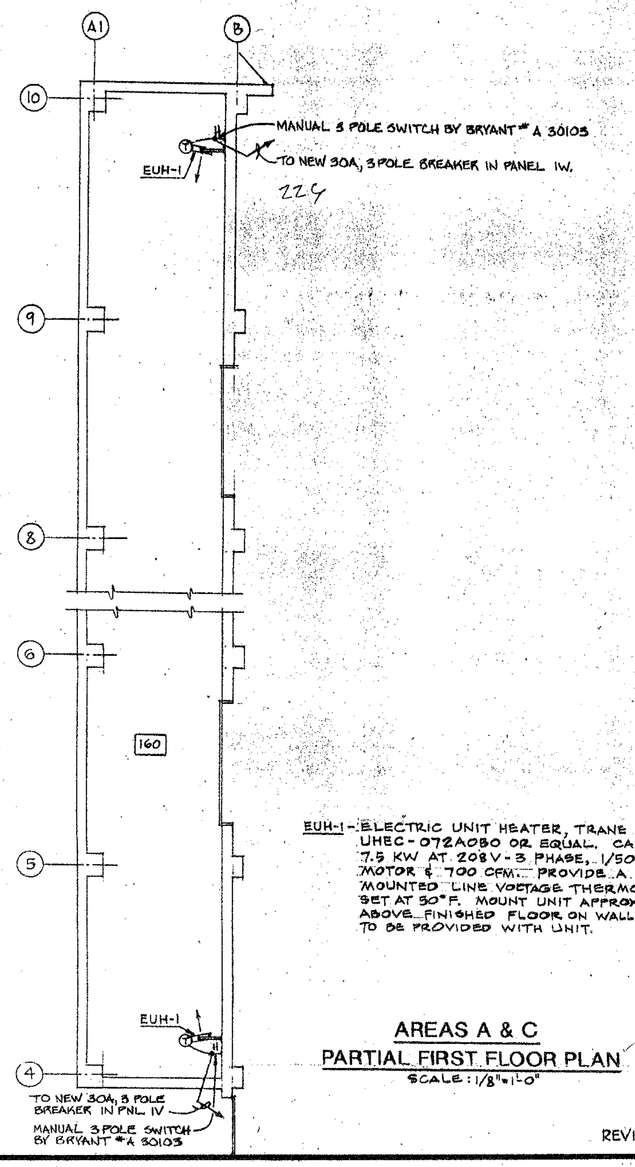
H-13



PARTIAL THIRD FLOOR PLAN
SCALE: 1/8"=1'-0"

NO. R/M-7 (Bulletin No 13)
DATE : 8/19/87
LEVIN·PORTER·ASSOCIATES·INC

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH



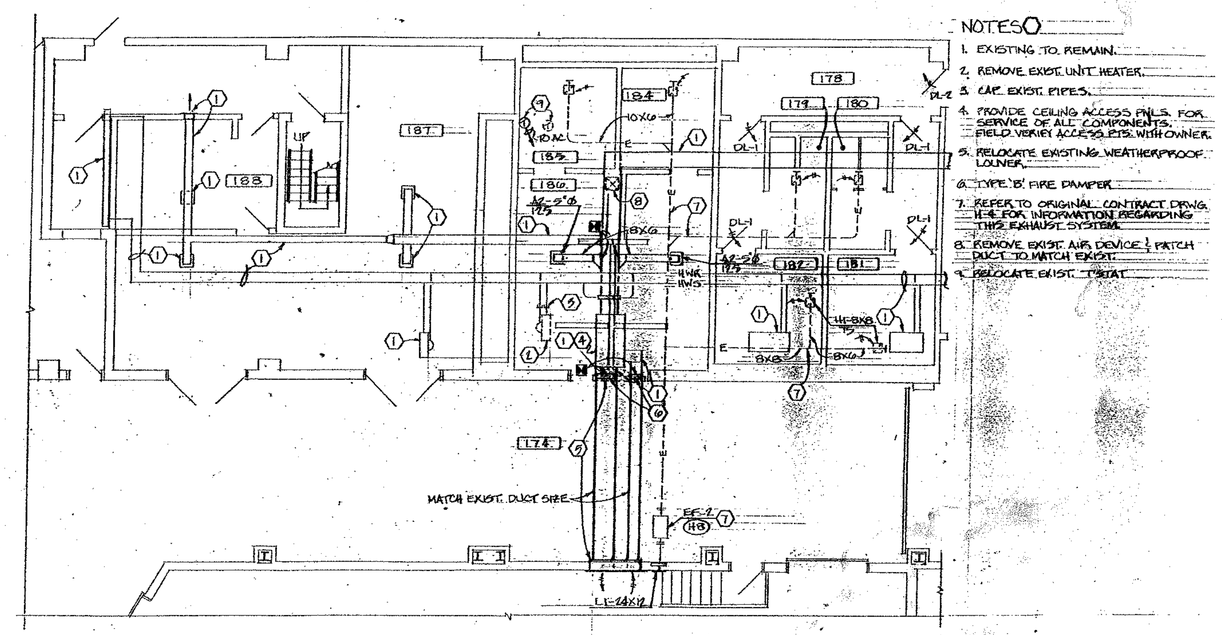
EUH-1 - ELECTRIC UNIT HEATER, TRANE MODEL UHEC-072A080 OR EQUAL. CAPACITY: 7.5 KW AT 208 V-3 PHASE, 1/50 HP FAN MOTOR & 700 CFM. PROVIDE A UNIT MOUNTED LINE VOLTAGE THERMOSTAT SET AT 50°F. MOUNT UNIT APPROX. 12 FT. ABOVE FINISHED FLOOR ON WALL BRACKET TO BE PROVIDED WITH UNIT.

AREAS A & C
PARTIAL FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

REVISES SHEETS H-2 & H-4

NO. R/M- 10 (Bulletin No. 15)
DATE : 9/23/87
LEVIN·PORTER·ASSOCIATES·INC

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

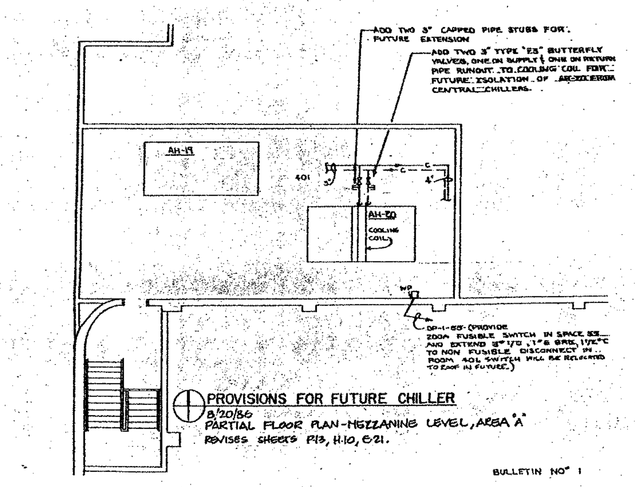


PARTIAL FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

REVISES SHEET H-4

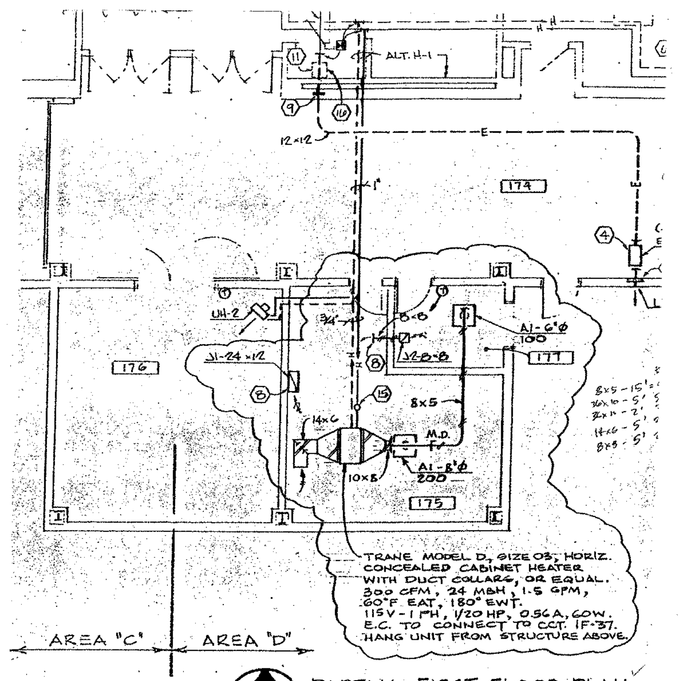
NO. R/H-20
DATE : 1-15-88
LEVIN·PORTER·ASSOCIATES·INC

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH



PROVISIONS FOR FUTURE CHILLER
8/20/86
PARTIAL FLOOR PLAN-MEZZANINE LEVEL, AREA 'A'
REVISES SHEETS P18, H-10, E21.

BULLETIN NO° 1



PARTIAL FIRST FLOOR PLAN
AREA "D"
SCALE: 1/8"=1'-0"

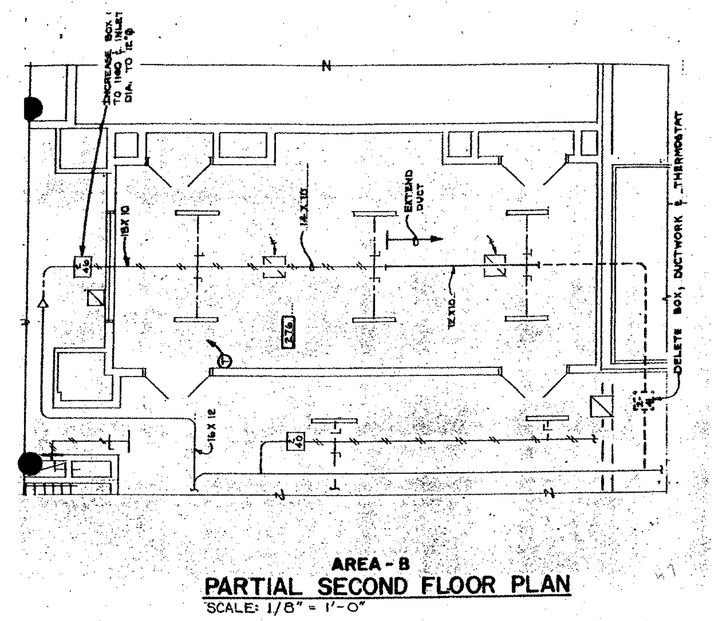
REVISES SHEETS H-5 & E-9

NO. R/PME-1
DATE : 8/28/86
LEVIN·PORTER·ASSOCIATES·INC

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,O

NO. R/M-9 (Bulletin No. 15)
DATE : 9/23/87
LEVIN·PORTER·ASSOCIATES·INC

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH



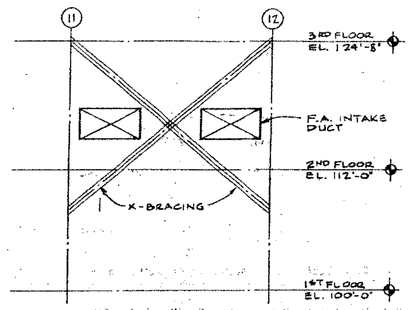
AREA - B
PARTIAL SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

REVISES SHEET H-7

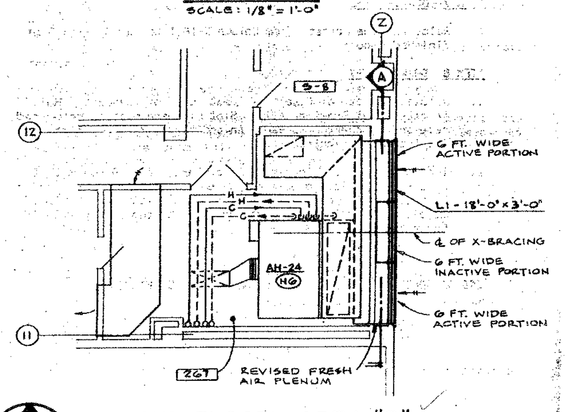
NO. R/H-3
DATE : [illegible]
LEVIN PORTER ASSOCIATES INC.

EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON,OH

RECORD DRAWING-REVISION DETAILS



SECTION "A"
SCALE: 1/8" = 1'-0"



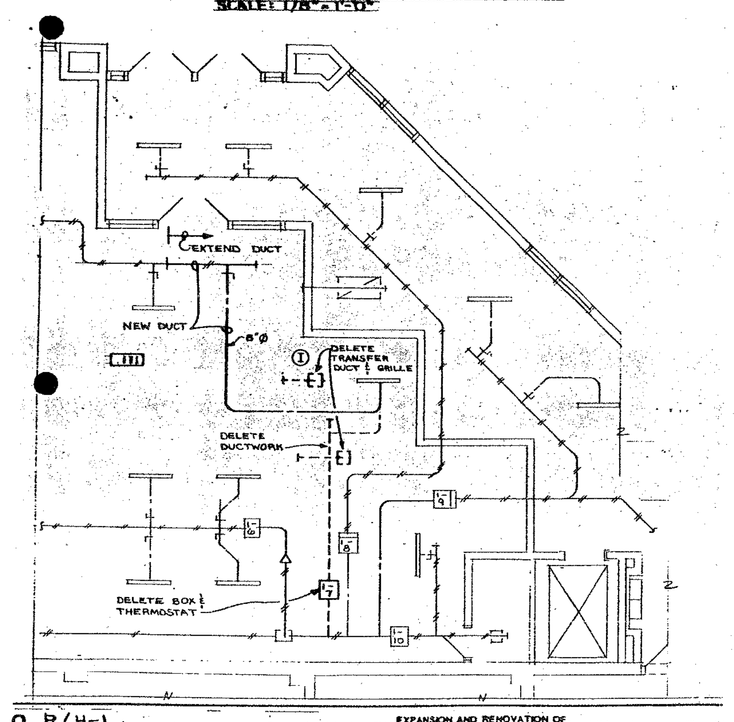
SECOND FLOOR - AREA "B"
MECHANICAL RM. 267
SCALE: 1/8" = 1'-0"

DAYTON CONV. CTR.
ADDENDUM NO. 1
JUNE 26, 1986
SKETCH NO. A1-H1

PAGE 26

REVISES SHEET H-2

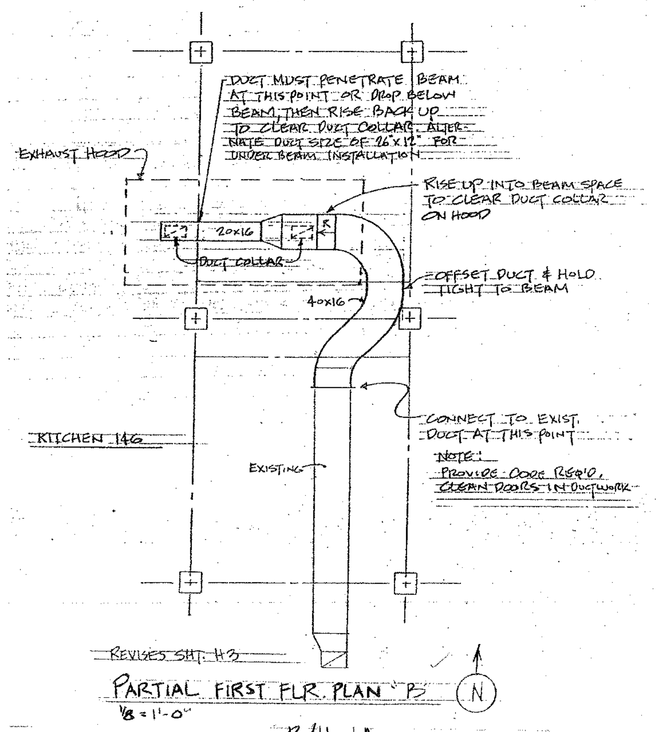
AREA - A
PARTIAL FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



O. R/H-1
A[illegible]: [illegible]

LEVIN PORTER ASSOCIATES INC.

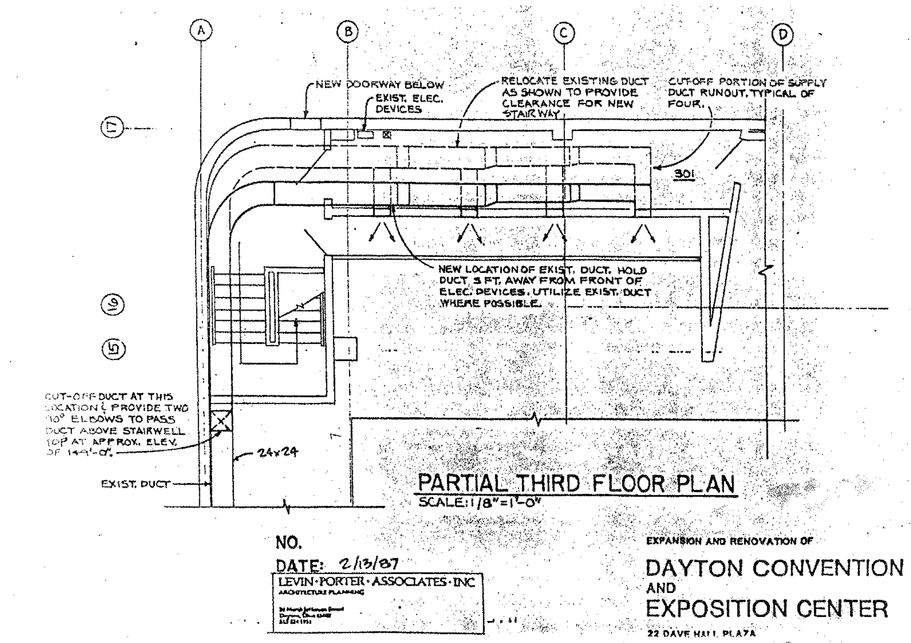
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH



REVISES SHT. H-2

PARTIAL FIRST FLR. PLAN "B"
1/8" = 1'-0"

R/H-1A



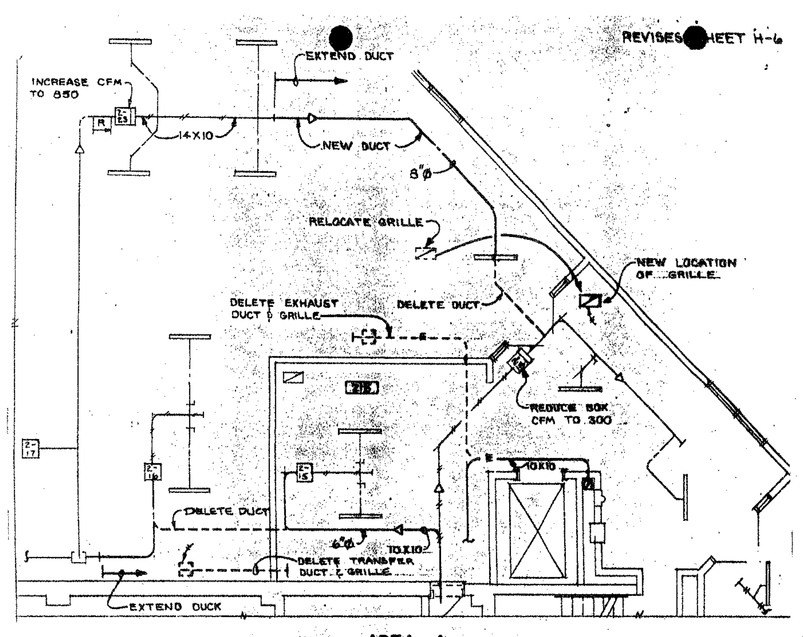
PARTIAL THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

NO.
DATE: 2/13/87
LEVIN-PORTER-ASSOCIATES-INC
ARCHITECTURE/PLANNING

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA

R/H-1B

REVISES SHEET H-6

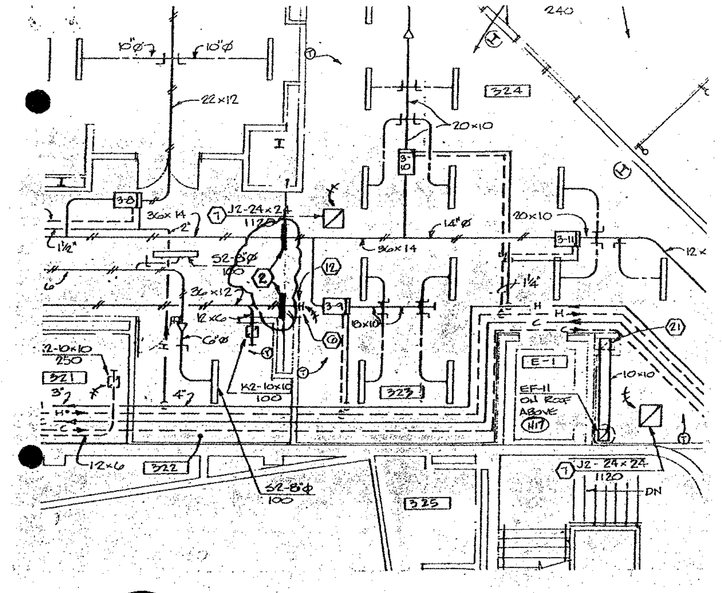


AREA - A
PARTIAL SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

NO. R/H-2
DATE: [illegible]

LEVIN PORTER ASSOCIATES INC.

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA



ADD FIRE DAMPERS
PARTIAL THIRD FLOOR PLAN "A"
SCALE: 1/8" = 1'-0"

ITEM # 3, BULLETIN # 11

REVISES SHT. H-8

NO. R/M-5
DATE: 8-6-87
LEVIN-PORTER-ASSOCIATES-INC
ARCHITECTURE/PLANNING

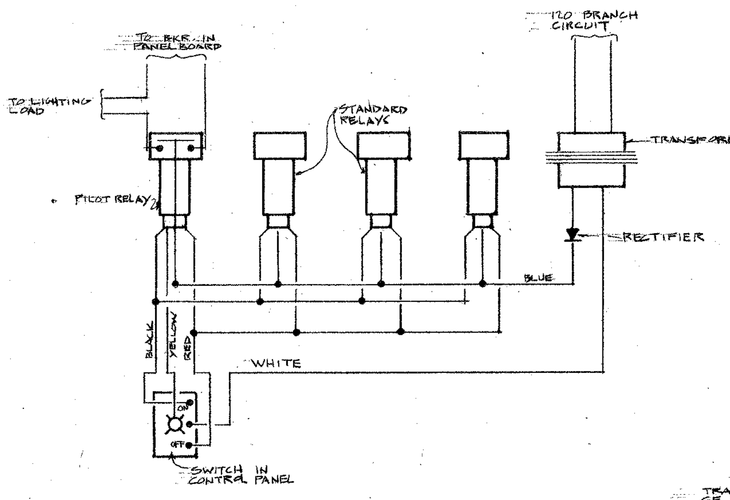
EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

RECORD DRAWING-REVISION DETIALS

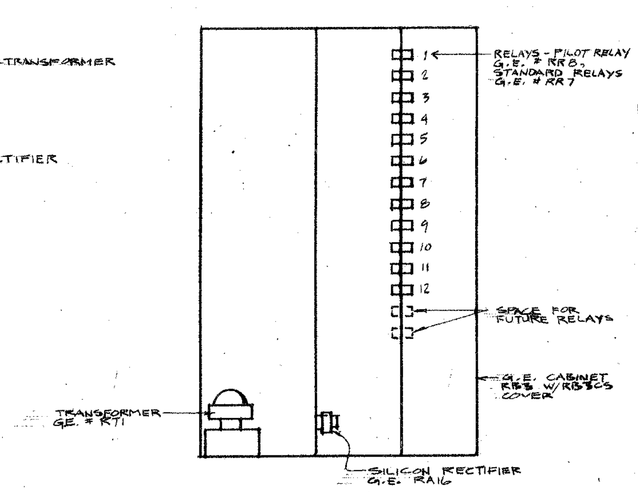
LIGHTING FIXTURE SCHEDULE

FIXTURE SYMBOL	LAMPS QUANTITY TUCK	LAMPS QUANTITY NEAN.	LAMPS QUANTITY H.I.D.	LAMPS WATTS/LAMP	LAMPS G.E. LAMP CAT. NO.	VOLTAGE	MANUFACTURER & CATALOG NO.	OTHER ACCEPTABLE MANUFACTURER'S	DIFFUSING MEDIA	TRIM COLOR WHITE	TRIM COLOR BLACK	TRIM COLOR ALUMINUM	TRIM COLOR STAINLESS	MOUNTING D-SURFACE R-RECESSED	SIZE DIAMETER OR WIDTH	SIZE LENGTH	SIZE DEPTH	SEE N.T.E.
B1	3			13	PLA 13T/WW	277	ZUMTOBEL #RIK 3/13		SEMI SPECULAR PARABOLIC LOUVER ACRYLIC PRISMATIC LENS			●		R	12	12	5	2 SEE NOTE 1
B2	2			40	F40 RS/WW	277	KEYSTONE #ZSG240-EXA	GLOBE, MILLER				●		R	24	48	4 7/8	
B3	3			40	F40 RS/WW	277	KEYSTONE #ZSG340-EXA	GLOBE, MILLER				●		R	24	48	4 7/8	
B4	1			40	F40 RS/WW	277	KEYSTONE #2SG440-EXA	GLOBE, MILLER				●		R	24	48	4 7/8	
B5	2			40	F40 RS/WW	277	KEYSTONE #USG 240-EXA	GLOBE, MILLER				●		R	24	24	4 7/8	
C1	2			40	F40RS/WW	277	KEYSTONE #CS240	LUMAX, FEMCO	BARE LAMP			●		◇	4 1/2	48	2	
C2	4			40	F40RS/WW	277	KEYSTONE #CS240-B	LUMAX, FEMCO	BARE LAMP			●		◇	4 1/2	96	2	
C3	2			40	F40RS/WW	277	KEYSTONE #CS190-B	LUMAX, FEMCO	BARE LAMP			●		◇	4 1/2	96	2	
C4	1			20	F20T12/WW	277	KEYSTONE #CS120	LUMAX, FEMCO	BARE LAMP			●		◇	4 1/2	24	2	
C6	2			40	F40RS/WW	277	KEYSTONE #LUTAO-WL	LUMAX, FEMCO	WRAP AROUND LENS			●			7 1/2	50	5 1/2	
D7	2			40	F40RS/WW	277	ALKCO #1146	LUMAX, FEMCO	WRAPAROUND LENS			●			6 3/4	48	3	
C5	2			40	F40RS/WW	277	KEYSTONE #CR240-A	LUMAX, FEMCO	INDUSTRIAL REFLECTOR 10% HP LIGHT			●		SM	9 5/8	48	5 3/4	
D1	1			40	F40RS/WW	277	LITECONTROL #85H-1RS-R-P85S-G	ALKCO	PARABOLIC BAFFLE		●			R	9	PER PLAN	10 1/2	
D2	1			40	F40RS/WW	277	LITECONTROL #85N-1RS-R-P85S-DP	ALKCO	PARABOLIC BAFFLE		●			R	9	PER PLAN	10 1/2	
D3	2			40	F40RS/WW	277	LITECONTROL #85N-2XRS-R-P85S-G	ALKCO	PARABOLIC BAFFLE		●			R	9	PER PLAN	10 1/2	
D4	2			40	F40RS/WW	277	LITECONTROL #8SN-2XRS-R-P8SS-DP	ALKCO	PARABOLIC BAFFLE		●			R	9	PER PLAN	10 1/2	
D5	2			40	F40RS/WW	277	PEERLESS #34-L-ST 51	LINEAR #C41352-XX-GSLD	ASYMMETRIC REFLECTOR				●	WM	15	PER PLAN	4 3/8	1.2
D6	2			40	F40RS/WW	277	GUTH # AP2 G2681		PRISMATIC LENS			●			5 3/4	48	5 3/4	
E1			2	12	WITH UNIT	277	CHLORIDE #CNM25-TT-I-WACH-ML	DUAL-LITE, DYNARAY										
F1	1			75	R-30 FL	120	PRESCOLITE #79-832	KURT VERSEN, MARCO	CLEAR ALZAK REFLECTOR			●		R	6	DIA	9 1/2	
F2	1			150	R-40FL	120	PRESCOLITE #1220-472	KURT VERSEN, MARCO				●		R	6	DIA	11 1/2	
F3	1			150	PAR38SP	120	PRESCOLITE #1218-4SILK-859	MARCO	CLEAR ALZAK CONE		●			R	9 3/8	DIA	11 7/8	
F4	1			90	PAR38SP	120	N.L. #RS490	MARCO	ADJUSTABLE FRAME			●		R	11 3/8	11 3/8	12	2
F5	1			100	100A	120	PRESCOLITE #90HF-71	MARCO	FRESNEL LENS			●		R	10 1/4	DIA	4 3/8	4
H1			1	100	I-M100 BU/BD	277	PRESCOLITE 10KIM9-100MH	KURT VERSEN, MARCO	TEMPERED GLASS		●			R	9 7/8	DIA	16	2
H2			1	175	MVR175/U	277	PRESCOLITE #3057MH-175MH-MB	MARCO	TEMPERED PRISMATIC			●		R	12	DIA	14 1/2	4
H3			1	400	MIR400/U	277	ABOLITE #AM-277-MMBAU-18NS	MILLER	ALUMINUM ADEMI REFLECTOR W/LENS			●		S	18	DIA	27 5/8	
K1			1	175	MVR175/U	277	PRESCOLITE #1013W96	MARCO, KURT VERSEN	TEMPERED CONVEX LENS			●		WM	13	DIA	21	
K2		1		150	150PAR/FL	120	KELLEY #L-1024	PHOENIX, FOSTORIA	BARE LAMP			●		WM	6 3/8	24	8 3/4	
K3		1		150	150A	120	APPLETON #JBW100	KILLARK, LUMARK	GLASS GLOBE			●		WM	5 3/8	DIA	13	
L1		1		100	A-19	120	ARROW HART #111	G.E	BARE LAMP			●		WM				
S1		1		70	MH-T4-70W/BDL	120	ELLIPTIPAR MH4-T		PRISMATIC GLASS LENS	●				R	6 1/8	12	6 1/8	2
S2		3		250	PAR38 FL	120	N.L. #CHZ1S-XX-GSLD/TLG		BARE LAMP				●	S	9 1/2	32	8 1/2	1.2
T1	1			72		277	LINEAR #DI2G2-XX-GSLD/TLG		PRISMATIC LENS				●	S	3 1/2	PER PLAN	DIA	1.2
T2		24" OC.		15		120	MODULIGHTOR MINI LUX W/16GX/L GSLD/TLG		BARE LAMP					S	1	PER PLAN	1	2
W1		1		120	PAR30 NSP	120/277	PRESCOLITE #5132FG	IMPERIAL BRONZELITE	CONVEX TEMPERED GLASS			●		IN SLAB	15 3/4	DIA	14	2
W3		2		60	A-19	120	VISA # 08441	TREND	SEMI-SPHERE		●			WM	14	DIA	17	
X4	2			6	WITH FIXT.	120	CHLORIDE # 8K-F-1GW-C	DYNARAY	GREEN LETTERS ON WHITE		●			WM	9	12	1 3/4	
X1	2			6	WITH FIXT.	277	CHLORIDE # 8K-F-1GW-B	DYNARAY	GREEN LETTERS ON WHITE		●			WM	9	12	1 3/4	
X2	2			6	WITH FIXT.	277	CHLORIDE # 8K-F-1GW-B	DYNARAY	GREEN LETTERS ON WHITE		●			CEILING MTD.	9	12	1 3/4	
X3	2			6	WITH FIXT.	277	CHLORIDE #8K-F-2GW-S END PLATE	DYNARAY	ARROWS GREEN LETTERS ON WHITE		●			CEILING MTD.	9	12	1 3/4	

NOTE:
FIXTURE 'B1' SHALL BE MOUNTED IN LAY-IN CEILINGS EXCEPT FOR 1ST AND 2ND FLOOR OF STAIRWELL 5H1 AND AREA 3S6, SHEET E-20, WHERE FIXTURES SHALL BE MOUNTED IN DRYWALL CEILING.



TYPICAL RELAY CIRCUITRY
SCALE: NONE



(QTY OF RELAYS PER INDIVIDUAL SCHEDULES)

TYPICAL RELAY CABINET
SCALE: NONE

LEGEND

NOTE: NOT ALL ITEMS SHOWN ARE NECESSARILY APPLICABLE TO THIS PROJECT.

E.C. ELECTRICAL CONTRACTOR
H.C. HVAC CONTRACTOR
P.C. PLUMBING CONTRACTOR
F.P.C. FIRE PROTECTION CONTRACTOR
EL.C. ELEVATOR CONTRACTOR
G.C. GENERAL CONTRACTOR
E.S. EQUIPMENT SUPPLIER
WP WEATHERPROOF
EM EMERGENCY
S SURFACE MOUNTED
E EXISTING
M.H. MOUNTING HEIGHT
A.F.F. ABOVE FINISHED FLOOR

NOTE SYMBOL - APPLIES ONLY TO SHEET ON WHICH NOTE SYMBOL IS SHOWN.

ELECTRICAL CONNECTION REQUIRED.

EQUIPMENT REFERENCE SYMBOL, REFER TO SCHEDULE.

ROOM NUMBER.

EXIT LIGHTING FIXTURE. ARROWS AS NOTED.

LIGHTING FIXTURE; CAPITAL LETTER DENOTES FIXTURE TYPE, LOWER CASE LETTER DENOTES SWITCHING ARRANGEMENT.

LIGHTING FIXTURE ON NIGHT LIGHT OR EMERGENCY CIRCUIT.

—EM— CONDUIT FOR EMERGENCY CIRCUITRY.

—E— EXISTING CONDUIT.

EACH ARROWHEAD REPRESENTS ONE COMPLETE CIRCUIT; CAPITAL LETTER DENOTES PANEL; NUMBER DENOTES CIRCUIT.

CONDUIT IN WALL OR ABOVE CEILING.

CONDUIT IN OR BELOW FLOOR SLAB.

JUNCTION BOX.

DASHED SYMBOL INDICATES THAT PARTICULAR OUTLET OR DEVICE IS TO BE REMOVED AND CIRCUITRY MADE CONTINUOUS.

EXISTING OUTLET OR DEVICE TO REMAIN, MAINTAIN EXISTING CIRCUITRY.

GFCI GROUND FAULT CIRCUIT INTERRUPTER (1'-6" M.H.) HUBBELL GF 5362-I.

60A-600V-3PH-5W SINGLE HUBBELLOCK RECEPTACLE (1'-6" M.H. OR LOCATED ABOVE CEILING) HUBBELL 26521.

M MULTIPLE 20A, 120V, 1 PH DUPLEX RECEPTACLES CONSISTING OF 3-DUPLEX RECEPTACLES MOUNTED UNDER COMMON COVERPLATE.

3M WHEN 3M DESIGNATION USED, PROVIDE THREE SETS OF 3-DUPLEX RECEPTACLES, ONE CIRCUIT PER SET, SETS STACKED VERTICALLY.

T 20A-125V-3W SINGLE TWIST LOCK RECEPTACLE HUBBELL 7310.

WP 20A-120V-1PH WEATHERPROOF DUPLEX RECEPTACLE (HORIZONTAL 1'-6" M.H.) HUBBELL 5362-1-5205.

20A-120V-1PH DUPLEX RECEPTACLE (4'-0" M.H.) HUBBELL 5362-I.

20A-120V-1PH DUPLEX RECEPTACLE (1'-6" M.H.) HUBBELL 5362-I.

IG 20A-120V-1PH ORANGE NYLON DUPLEX RECEPTACLE WITH ISOLATED GROUND (1'6" M.H.) HUBBELL IG-5362.

20A-120V-1PH DUPLEX RECEPTACLE IN HUBBELL BA-2527 FLUSH FLOOR BOX WITH ROUND SA-3925 COVERPLATE. VERIFY SLAB DEPTH. PROVIDE CARPET FLANGE WHERE REQUIRED.

EXISTING PLUG-IN STRIP (DASHED INDICATES TO BE REMOVED).

SINGLE POLE SWITCH (4'-0" M.H.) HUBBELL 1221-I.

2 TWO POLE WALL SWITCH (4'-0" M.H.) HUBBELL 1222-I.

3 THREE-WAY WALL SWITCH (4'-0" M.H.) HUBBELL 1223-I.

4 FOUR-WAY WALL SWITCH (4'-0" M.H.) HUBBELL 1224-I.

K KEY OPERATED WALL SWITCH (4'-0" M.H.) HUBBELL 1220 SERIES.

H HP RATED WALL SWITCH (4'-0" M.H.) HUBBELL 3031-I OR 3032-I.

DISCONNECT SWITCH.

MOTOR STARTER.

COMBINATION MOTOR STARTER AND DISCONNECT SWITCH.

ELECTRIC MOTOR.

UNIT HEATER.

INDICATES SINGLE-GANG OUTLET MOUNTED AT 18" WITH STAINLESS STEEL COVERPLATE, GROMMETED HOLE FOR DATA CABLE. EXTEND 3/4" CONDUIT BACK TO NEAREST TELEPHONE BACKBOARD.

M FLUSH FRACTIONAL HORSEPOWER MOTOR STARTER WITH NEON PILOT LIGHT. ONE-GANG ASSEMBLY (4'-0" M.H.) ALLEN-BRADLEY SERIES 600.

LEGEND CONT'D

FLUSH MOUNTED CEILING SPEAKER.

SPEAKER VOLUME CONTROLLER TO BE REMOVED)

M MICROPHONE OUTLET TO BE REMOVED.

MICROPHONE OUTLET (1'-6" M.H.)

PAY TELEPHONE OUTLET (4'-0" M.H.)

TELEPHONE OUTLET (1'-6" M.H.)
TELEPHONE FLOOR OUTLET, HUBBELL BA-2527 FLOOR OUTLET BOX AND SA-2725 COVERPLATE. VERIFY SLAB DEPTH. PROVIDE CARPET FLANGE WHERE REQUIRED.

FIRE ALARM HORN AND SIGNAL LIGHT (7'-6" M.H.) ('L' WHEN SHOWN INDICATES COMBINATION HORN AND SIGNAL LIGHT.)

FIRE ALARM SENDING STATION (4'-0" M.H.) 3/2 READS SECOND ZONE DEDICATED TO THE THIRD FLOOR LEVEL.

CEILING MOUNTED SMOKE DETECTOR.

DUCT MOUNTED SMOKE DETECTOR (S/SUPPLY DUCT, R/RETURN DUCT).

WATER FLOW SWITCH.

VALVE SUPERVISORY SWITCH.

DOOR MONITORED BY SECURITY SYSTEM.

MATV OUTLET TO BE REMOVED.

CCTV CAMERA - NUMBER REFERS TO CAMERA IDENTIFICATION IN SPECIFICATIONS.

HOLD-OPEN DEVICE PROVIDED BY E.S. REFER TO WIRING DIAGRAM, SHEET E-27.

RECESSED WALL SPEAKER - 12-5" M.H.
ADDENDUM NO. 1

GENERAL NOTES

A. WHERE TWO ORANGE NYLON 20A-120V DUPLEX RECEPTACLES WITH ISOLATED GROUND ARE INDICATED ON PLANS - MOUNT DEVICES IN DOUBLE GANG BOX UNDER COMMON COVERPLATE.

B. NEW SOUND SYSTEM COMPONENTS ARE SHOWN ON LIGHTING PLANS. OLD SOUND SYSTEM REMOVALS ARE SHOWN ON POWER PLANS.

C. EXIT LIGHTS SHALL BE ON A SEPARATE EMERGENCY CIRCUIT, BUT CONDUCTORS MAY RUN IN SAME CONDUIT SERVING EMERGENCY LIGHTING FIXTURES. CIRCUIT AS INDICATED BY HOME RUNS AND PANEL SCHEDULES.

D. RECESSED WALL OUTLETS SHALL NOT BE MOUNTED BACK-TO-BACK ON OPPOSITE SIDES OF WALLS. WALLS ARE SOUND RATED, AND RATING MUST BE MAINTAINED.

E. ALL DEVICES SHALL BE RECESSED IN NEW OR EXISTING WALLS UNLESS INDICATED TO BE SURFACE MOUNTED. CONDUIT SHALL BE RUN IN WALLS, OR RUN THROUGH WALL FROM BEHIND TO SERVE OUTLETS IN FINISHED AREAS ON EXISTING WALLS. WHERE CONDUIT MUST BE RUN ON WALL SURFACE, LOCATE IN UNFINISHED AREAS AND POKE THROUGH WALLS TO DEVICES.

F. POSITIONING OF LIGHTING FIXTURES, SMOKE DETECTORS, SPEAKERS, ETC., ARE APPROXIMATE - REFER TO REFLECTED CEILING PLANS FOR EXACT LOCATIONS.

G. DOOR HOLDERS INDICATED ON DRAWINGS PROVIDED AND INSTALLED BY E.S. EXTEND 120 VOLT RECEPTACLE CIRCUIT TO AUXILIARY CONTACTS IN SMOKE DETECTOR(S) BY DOOR(S) AND TO DOOR HOLDERS AS DETAILED ON SHEET E-27.

H. DOOR MONITORS (HINGE SWITCHES), INDICATED ON DRAWINGS PROVIDED AND INSTALLED BY E.S. REFER TO WIRING DIAGRAM, SHEET E-26 FOR WIRING OF HINGES TO SECURITY PANEL.

I. FURRED-OUT WALLS VARY IN DEPTH OF NEW WALL SURFACE MATERIALS. SOME AREAS MAY REQUIRE SHALLOW DEVICE BOXES. REFER TO ARCHITECTURALS FOR COORDINATION.

J. BULLETIN No. 12
Electrically operated 208 volt, 3 phase overhead doors shall be provided a manual three pole switch mounted near the motor by Bryan A #30103 for disconnect means.

NOTES - ○

1. LUMINAIRE HOUSING SHALL BE PAINTED TO MATCH SAMPLE PROVIDED BY ARCHITECT.
2. SPECIAL LIGHTING FIXTURE - REFER TO DESCRIPTION AND SPECIAL REQUIREMENTS ON SHEET E-8.
3. FIXTURE SHALL BE MOUNTED IN A VARIETY OF WAYS. WHEN MOUNTED IN MECHANICAL, STORAGE, WORK ROOMS, ETC., STEM MOUNT FROM STRUCTURE 8'-0" A.F.F. WHEN LAY-IN CEILING PROVIDED IN THESE AREAS, SURFACE MOUNT. OTHER APPLICATIONS INCLUDE MOUNTING FIXTURE IN COVES BY G.C.
4. FIXTURE SHALL BE U.L. LABELED "APPROVED" FOR MOUNTING IN DAMP LOCATION".
5. EXISTING RELAY CABINET SHALL BE RELOCATED AS INDICATED ON PLANS - REWORK AS INDICATED.
6. EXISTING RELAY MADE SPARE BY REMOVAL OF CIRCUITRY, SHALL BE REUSED AS INDICATED.
7. EXISTING RELAY AND CONTROL WIRING SHALL BE MAINTAINED. EXTEND NEW CONTROL WIRING FROM RELAY TO SWITCH IN NEW CONTROL PANEL AS INDICATED.
8. EXISTING RELAY CABINET - REWORK AS INDICATED.
9. NEW RELAY CABINET - REFER TO CABINET DETAIL.
10. CIRCUIT SERVING "F1" FIXTURES IN CORRIDOR 255.
11. CIRCUIT SERVING "F1" FIXTURES IN CORRIDOR 338.
12. PROVIDE G.E. RELAY NO. RR7 AND MOUNT IN EXISTING RELAY CABINET.
13. REMOVE EXISTING RELAY CABINET - RELOCATE EXISTING RELAYS TO NEW CABINET AND PROVIDE ADDITIONAL RELAYS AS REQUIRED. REFER TO CABINET DETAIL.

RELAY CABINET SCHEDULES (ALTERNATE E-15)
(SEE NOTE BELOW)

A (6)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
(5) 1	●		1	1E-30	ATRIUM
2		●	1	1E-32	ATRIUM
3	●		2	1E-26	1ST FLR. CORRIDOR
4		●	2	1E-34	
5		●	2	1E-36	
6		●	2	1E-38	
7		●	2	1E-40	
8		●	2	1E-42	
9	●				
10	●				
11		●			
12		●			
(6) 13		●			SPARE
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

I (4)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
1	●		3	1Q-1	1ST FLR. CORRIDOR
2		●	3	1Q-3	
3	●		3	1Q-7	
4		●	3	1Q-9	1ST FLR. CORRIDOR
5	●		3	1Q-2	KITCHEN
6		●	3	1Q-4	KITCHEN
7	●		3	1Q-6	KITCHEN
8		●	3	1Q-11	BANQUET HALL
9	●		3	1Q-13	BANQUET HALL
10		●	3	1Q-15	BANQUET HALL
11	●		3	1Q-5	OUTDOOR
12		●	3	1Q-8	OUTDOOR
13	●		3	1Q-12	OUTDOOR
14		●	3	1Q-14	OUTDOOR
15	●		10	1S-29	SPACE FOR FUTURE
16		●	10	1S-31	
17		●	10	1S-33	
18		●	10	1S-35	
19		●	10	1S-37	
20		●	10	1S-39	
21	●		11	1S-30	HEMA BATTERIES
22		●	11	1S-32	
23		●	11	1S-34	
24		●	11	1S-36	

J (3)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
1	●		+	1S-19	1ST FLR. CORRIDOR
2		●	4	1S-21	1ST FLR. CORRIDOR
3		●	7	1S-1	
4		●	7	1S-3	1ST FLR. CORRIDOR
5		●	7	1S-5	
6		●	7	1S-7	
7		●	7	1S-9	
8		●	8	1S-11	BANQUET HALL
9		●	8	1S-13	
10		●	8	1S-15	
11		●	8	1S-17	BANQUET HALL
12		●	8	1S-23	
13		●	8	1S-25	
14		●	8	1S-27	
15	●		10	1S-29	SPACE FOR FUTURE
16		●	10	1S-31	
17		●	10	1S-33	
18		●	10	1S-35	
19		●	10	1S-37	
20		●	10	1S-39	
21	●		11	1S-30	HEMA BATTERIES
22		●	11	1S-32	
23		●	11	1S-34	
24		●	11	1S-36	

C (1)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
(7) 1	●				1ST FLR. CORRIDOR
(8) 2		●			1ST FLR. CORRIDOR
(9) 3		●			1ST FLR. CORRIDOR
(10) 4		●			1ST FLR. OFFICES
(11) 5		●			1ST FLR. OFFICES
(12) 6		●			1ST FLR. OFFICES
(13) 7		●			1ST FLR. OFFICES
(14) 8		●			1ST FLR. OFFICES
(15) 9		●			1ST FLR. OFFICES
(16) 10		●			1ST FLR. OFFICES
(17) 11		●			1ST FLR. OFFICES
(18) 12		●			1ST FLR. OFFICES
(19) 13		●			1ST FLR. OFFICES
(20) 14		●			SPARE
(21) 15		●			SPARE
(22) 16		●			SPARE
(23) 17		●			SPARE
(24) 18		●			SPARE

D (2)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
1	●		13	2B-14	
2		●	13	2B-16	
3		●	13	2B-18	
4		●	13	2B-20	
5		●	13	2B-22	
6		●	13	2B-24	
7	●		15	2B-26	
8		●	15	2B-28	
9		●	15	2B-30	
10		●	15	2B-32	
11		●	15	2B-34	
12	●		16	2B-36	
13		●	16	2B-38	
14	●		25	2B-40	
15		●	25	2B-42	
16		●	25	2B-44	
17		●	25	2B-46	
18		●	25	2B-48	
19		●	25	2B-50	
20		●	25	2B-52	
21		●	25	2B-54	
22		●	26	2B-56	
23		●	26	2B-58	
24		●	26	2B-60	

B (5)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
(1) 1	●		18	3A-1	
(2) 2	●		18	3A-3	
3		●	18	3A-5	
4		●	18	3A-7	
5		●	18	3A-9	
6		●	18	3A-11	
7		●	19	3B-6	
8		●	19	3B-8	
9		●	19	3B-10	
10		●	19	3B-12	
11		●	19	3B-14	
12		●	19	3B-16	
13		●	19	3B-18	
14		●	19	3B-20	
15		●	19	3B-22	
16		●	19	3B-24	
17		●	20	3E-2	
18		●	20	3E-4	
19		●	20	3G-11	
20		●	20	3G-13	
21		●	20	3E-12	
22		●	20	3E-14	
23		●	20	3E-16	
24		●	20	3E-18	

F (6)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
(7) 1	●		21	EXIST.	
(8) 2		●	21	3B-37	
3		●	21	3B-39	
4		●	21	3C-(7)	
5		●	21	3B-34	
(9) 6	●		23	3B-30	
(10) 7		●	23	3B-40	
(11) 8		●	23	3B-42	
(12) 9	●		23	3B-41	ATRIUM
(13) 10	●		26	3B-31	
(14) 11		●	26	3B-33	
12		●	26	3B-35	
13		●	26	3B-36	
14		●	26	3B-38	
15		●	26	3B-40	
(15) 16		●	26	3B-32	
(16) 17	●				
(17) 18	●				
(18) 19	●				

K (7)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
1	●		27	3H-4	
2		●	27	3H-6	
3		●	27	3H-8	
4		●	27	3H-10	
5		●	27	3H-12	
6	●		30	3H-16	
7		●	30	3H-20	
8		●	30	3H-22	
9		●	30	3H-24	
10		●	30	3H-26	
11		●	24	3H-14	
12		●	24	3H-16	

L (7)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
1	●		22	3K-2	
2		●	28	3K-4	
3		●	28	3K-6	
4	●		29	3K-8	
5		●	29	3K-10	
6		●	29	3K-12	
7		●	29	3K-14	
8		●	29	3K-16	
9		●	29	3K-18	

B (8)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
(7) 1	●		31	EXIST.	
2		●	31		
3		●	31		
4		●	31		
5		●	32		
6	●		33		
7		●	34		
8	●		34		
(7) 9		●	34		

G (8)

RELAY NO.	RELAYS PILOT	RELAYS STANDARD	CONTROL CONTROL SWITCH NO.	CONTROL CIRCUIT NO.	CONTROL AREA SERVED
(7) 1	●		35	EXIST.	THEATER
2		●	35		
3		●	35		
4		●	35		
5		●	35		
6	●		35		
7		●	35		
8	●		36		
9		●	36		
10	●		37		
(7) 11		●	38		

NOTE:
1. LIGHTING MANAGEMENT SYSTEM INCLUDES RELAY CABINET AND CONTROL PANEL AS DETAILED ON DRAWINGS. SYSTEM AND ALL ASSOCIATED WIRING AND CONDUIT, INTERCEPTION OF CIRCUITS, ETC. IS WORK INCLUDED UNDER ALTERNATE E-15. UNDER BASE BID1, THE EXISTING CONTROL PANEL SHALL BE REMOVED AND ALL CONTROL WIRING BACK TO RELAY PANELS SHALL BE REMOVED.
2. RELAY PANEL "A" SHALL BE REMOVED
3. OTHER EXISTING RELAY PANELS B-G SHALL BE ABANDONED. EXISTING CIRCUITS TO REMAIN WHICH ARE INTERCEPTED BY THESE ABANDONED PANELS SHALL BE DISCONNECTED FROM RELAYS AND MADE CONTINUOUS.

ELECTRICAL LEGEND & SCHEDULES

SCALE: NONE

E-1	E-1
1	1
COPY	OVER #6

STATE OF OHIO
26807 T. J. FERDELMAN
T. E. MORNING 25790
R. J. WERLING 33540
R. J. PEARSON 34453
R. R. WEBER 41055
REGISTERED PROFESSIONAL ENGINEERS

PRINTING

REVISIONS
1 12-1-86 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
21 North Jefferson Street
Dayton, Ohio 45402
513/241-1931

DATE 6-9-86
DRAWN BY MTB
CHECKED BY MBY
PROJECT NO. 5741.00

E-1

NOTES

1. REMOVE RECEPTACLE, SWITCH AND LIGHT UNDER ACCESS PANEL SERVING ESCALATOR.
2. RELOCATE F.A. PULLSTATION TO NEW LOCATION - EXTEND CIRCUITRY AND ZONE AS INDICATED.
3. COORDINATE EXACT POSITIONING OF RECEPTACLE (FOR CORD AND PLUG) OR JUNCTION BOX (FOR DIRECT WIRING) WITH INSTALLATION OF WATER COOLER FOR WHICH IT SERVES.
4. REMOVE MATV OUTLET AND WIRING BACK TO POINT OF SOURCE. PROVIDE BLANK STAINLESS STEEL COVERPLATE TO BLANK-OFF EXISTING DOUBLE GANG BOX.
5. REMOVE JUNCTION BOX LOCATED ON GROUNDS; REMOVE CIRCUITRY BACK TO POINT OF SOURCE.
6. PROVIDE EXTENSION OF EXISTING CIRCUITRY TO NEW RECEPTACLE.
7. PROVIDE 120V, 1P, 20A CIRCUIT TO ELEVATOR CONTROL PANEL.
8. PROVIDE 2-2" CONDUIT SLEEVES STUBBED DOWN INTO FIRST FLOOR CLOSET AND UP TO SECOND FLOOR CLOSET 213 FOR FUTURE TELEPHONE AND DATA CABLE.
9. LOCATE FUSIBLE DISCONNECT SWITCH ABOVE CEILING AND PROVIDE CIRCUIT TO MOTORIZED ROLLING OVERHEAD GRILLE. COORDINATE FUSE AND CONTROL REQUIREMENTS WITH EQUIPMENT SUPPLIER.
10. EXISTING UNIT HEATER SHALL BE RELOCATED. PROVIDE EXTENSION OF EXISTING CIRCUITRY TO NEW LOCATION.
11. 208 VOLT, 3P, 3/4 H.P. MOTORIZED DOOR IS TO BE OPERATED BY A KEY SWITCH ON THE PUBLIC SIDE AND A PUSHBUTTON TYPE SWITCH ON THE ROOM SIDE. SWITCHES SHALL BE SUPPLIED BY THE DOOR SUPPLIER, INSTALLED BY THE E.C.

MESSAGE BOARD SHALL BE REMOVED. REMOVE ALL ASSOCIATED CONTROL AND POWER WIRING AND CONDUIT BACK TO POINT OF SOURCE.

NOTE: REFER TO SPECIFICATION SECTION 01025. TENANT ALLOWANCES AND FINISHES FOR ELECTRICAL ITEMS TO BE FURNISHED AND INSTALLED UNDER BASE BID FOR TENANT SPACES.

SEE R/E-1 SHEET E-29

TEL.E. BKBD.

PWL IN

PWL UP

TO "P1" FIXTURE SEE SHEET E3

TO "P1" FIXTURE SEE SHEET E3

EXIST.

EXIST. UP

EXIST.

EXIST.

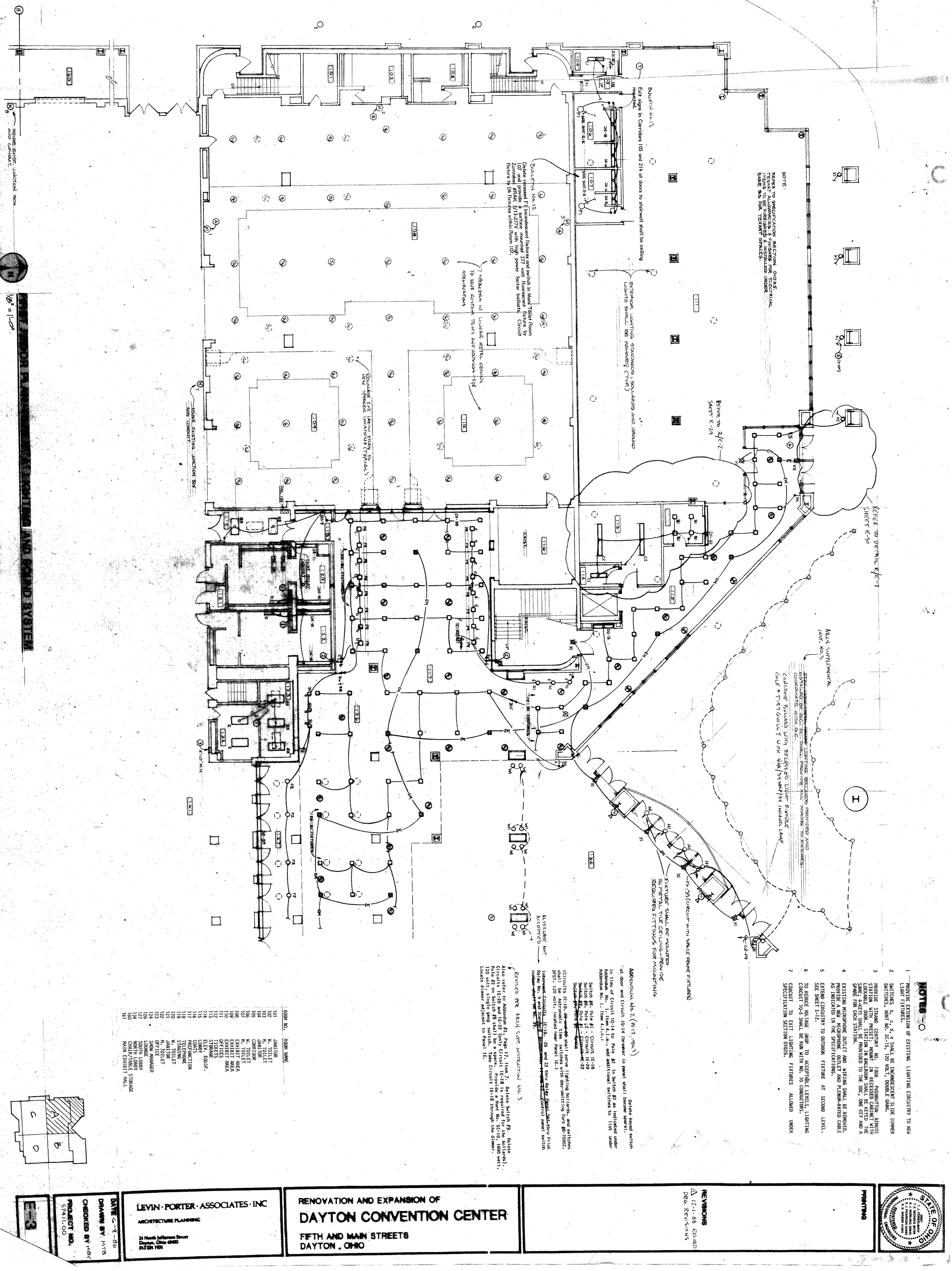
EXIST.

1-A LIGHTING

		400-2	400-2
		400-3	400-3

12

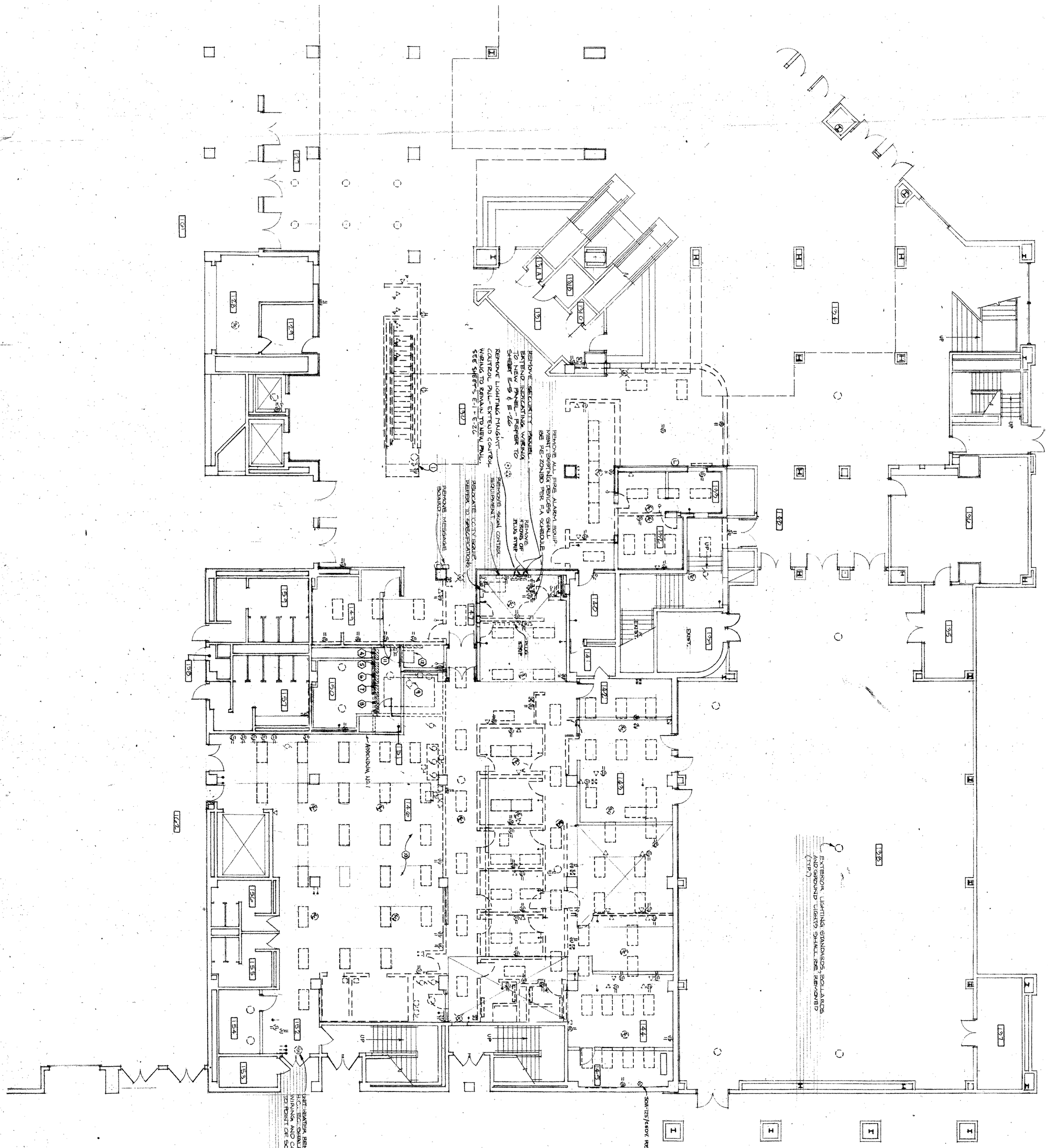
12


REUSE EXIST. JUNCTION BOX AND CONDUIT.
REUSE EXISTING JUNCTION BOX AND CONDUIT.
Bulletin No. 12
Delete recessed Fl incandescent fixtures and switch in Meat Toilet Room 107 and provide a surface mounted 277 volt fluorescent fixture by Zumbotel #RAK 3/13-277V with high power factor ballasts. Circuit fixture to D4 fixtures within Room 107.
Bulletin No. 12
Exit signs in Corridors 105 and 214 at doors to stairwell shall be ceiling mounted.
7 SPEAKERS IN LINEAR METAL CEILING TO HAVE CUSTOM TRIMS AND HOUSINGS - SEE SPECIFICATIONS
RELOCATE 2x2 LAY-IN TILES TO NEW SPEAKER LOCATIONS (TYPICAL)
EXTERIOR LIGHTING STANDARDS, BOLLARDS AND GROUND LIGHTS SHALL BE REMOVED (TYP.)
REFER TO R/E-2 SHEET E-29
REFER TO DETAIL R/E-1 SHEET E-30
FIXTURE SHALL BE MOUNTED IN METAL TILE CEILING-PROVIDE REQUIRED FITTINGS FOR MOUNTING
15-35 (CIRCUIT WITH SPACE FRAME FIXTURES)
ARCH. SUPPLEMENTAL INST. NO. 3
CONCRETE BOLLARD WITH RECESSED LIGHT FIXTURE
COLE #TI57GW11.5 WITH 40A/34 WMP/99 INCAND. LAMP
ALTERNATE NOT ACCEPTED
Relocate dimmer adjacent to Panel 1E.
Also refer to Addendum #2, Page 17, Item 7. Delete Switch #9. Delete Circuits 1E-20 and 1E-22 (only Circuit 1E-18 is required for the bollards). Pole #2 on Switch #8 shall be a spare. Provide a Hunt No. SC-10, 1000 watt, 120 volt, single gang switch. Take Circuit 1E-18 through the dimmer.
Intersect circuits 1E-18, 20 and 22 thru Relay Panel 1E thru Pilot Relay No. 9 and Standard Lighting Contactor 4 pole 12 - 20 amp control panel switch number shall be No. 39.
(Circuits 1E-18, 20 and 22 shall serve lighting bollards, and switches shall be Astronomic time switches with day-omitting Tork #8-7000Z. DPST, 120 volt, located near Panel 1E.)
Switch #8. Pole #1 - Circuit 1E-18
Switch #8. Pole #2 - Circuit 1E-20
Switch #8. Pole #3 - Circuit 1E-22
Switch #9. Pole #1 - Spare
In lieu of Circuit 1Q-14 to Pole #2 in Switch #2 as indicated under Addendum No. 1, Item 4.1.c., add additional switches to list under Addendum No. 1, Item 4.1.c.:
Delete keyed switch at door and Circuit 1Q-14 (breaker in panel shall become spare).
ADDENDUM No. 2 (9/17/86)
ADDENDUM No. 2
Delete Switch #9. Delete Circuits 1E-20 and 1E-22 (only Circuit 1E-18 is required for the bollards). Pole #2 on Switch #8 shall be a spare. Provide a Hunt No. SC-10, 1000 watt, 120 volt, single gang switch. Take Circuit 1E-18 through the dimmer. Locate dimmer adjacent to Panel 1E.
REVISED PER ARCH. SUPP. INSTRUCTION NO. 3
Add Fixtures (Circuit 1Q-5)
Add Switch #2
Add Circuit 1Q-14
Add Switch #2
Add Circuit 1Q-14
Add Switch #2
Add Circuit 1Q-14

401-4 401-4

FIRST FLOOR PLAN - AREA "B" REMOVAL

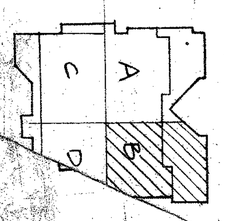
1/8" = 1'-0"



NOTES - ◇

1. REMOVE RECEPTACLE, LIGHT AND SWITCH UNDER ACCESS PANEL SERVING ESCALATOR.
2. ~~208Y/120V, 3 PHASE, 4 WIRE, 225A BRANCH CIRCUITRY PANEL "1K" SHALL BE REMOVED. PROVIDE EXTENSION OF EXISTING FEEDER TO NEW PANEL "1X". REFER TO SHEET E-26.~~ Note Deleted Addendum No. 1
3. ~~208Y/120V, 3 PHASE, 4 WIRE, 225A BRANCH CIRCUITRY PANEL "1J" SHALL BE REMOVED. PROVIDE EXTENSION OF EXISTING FEEDER TO NEW PANEL "1Y". REFER TO SHEET E-26.~~ Note Deleted Addendum No. 1
4. 460Y/277V, 3 PHASE, 4 WIRE, 225A LIGHTING PANEL "1G" SHALL BE REMOVED. PROVIDE EXTENSION OF EXISTING FEEDER TO NEW PANEL "1Q". REFER TO SHEET E-26. EXISTING CIRCUITS SERVED BY PANEL "1G" WHICH ARE TO REMAIN (UP TO 5-20A, 277V, 1 POLE) SHALL BE EXTENDED TO SPARE BREAKERS IN PANEL "1Q".
5. 208Y/120V, 3 PHASE, 4 WIRE, 225A BRANCH CIRCUITRY PANEL "1H" SHALL BE REMOVED. PROVIDE EXTENSION OF EXISTING FEEDER TO NEW PANEL "1Z". REFER TO SHEET E-26. EXISTING CIRCUITS SERVED BY PANEL "1H" WHICH ARE TO REMAIN (UP TO 15-20A, 120V) SHALL BE EXTENDED TO SPARE BREAKERS IN PANEL "1Z".
6. 208Y/120V, 3 PHASE, 4 WIRE, 225A BRANCH CIRCUITRY PANEL "1M" SHALL BE RELOCATED. REFER TO SHEET E-5, NOTE 12.
7. RELAY PANEL "A" SHALL BE RELOCATED. REFER TO SHEET E-6.
8. REMOVE LIGHTING TIMERS AND WIREWAY.
9. A.H. UNIT SHALL BE REMOVED BY H.C. E.C. SHALL REMOVE ALL ASSOCIATED FEEDERS AND CONDUIT BACK TO POINT OF SOURCE.
10. EXCEPT FOR DEVICES SHOWN TO REMAIN ON SHEET E-5, ALL ELECTRICAL DEVICES, LIGHTING FIXTURES, KITCHEN APPLIANCE ELECTRICAL SERVICES, WIRING AND CONDUIT SHALL BE REMOVED BACK TO POINT OF SOURCE. ENTIRE KITCHEN SHALL BE GUTTED; ALL REMOVALS HAVE NOT NECESSARILY BEEN INDICATED.
11. REMOVE TELEPHONE BACKBOARD AND ALL ASSOCIATED WIRING.
12. TELEPHONE CABINET SHALL BE REMOVED BY PHONE COMPANY.

ROOM NO.	ROOM NAME
127	S. LOBBY
128	CONCESSIONS
129	STORAGE
130	LOBBY
131	WORK/STORAGE
131A	STORAGE
131B	VAULT
131C	STORAGE
132	VENDING
133	SECURITY
134	N. LOBBY
135	STORAGE
136	COATS
137	STORAGE
138	BANQUET HALL
139	ELECTRIC
140	FIRST AID
141	TOILET
142	OFFICE
143	STAGING
144	DRY FOOD STORAGE
145	SEC. STORAGE
146	KITCHEN
147	ALCOVE
148	ALCOVE
149	M. TOILET
150	W. TOILET
151	JANITOR
152	CORRIDOR
153	METER
154	TRASH
155	M. TOILET
156	W. TOILET
157	JANITOR
158	M. TOILET
159	MAIN EXHIBIT HALL
161	BALLROOM



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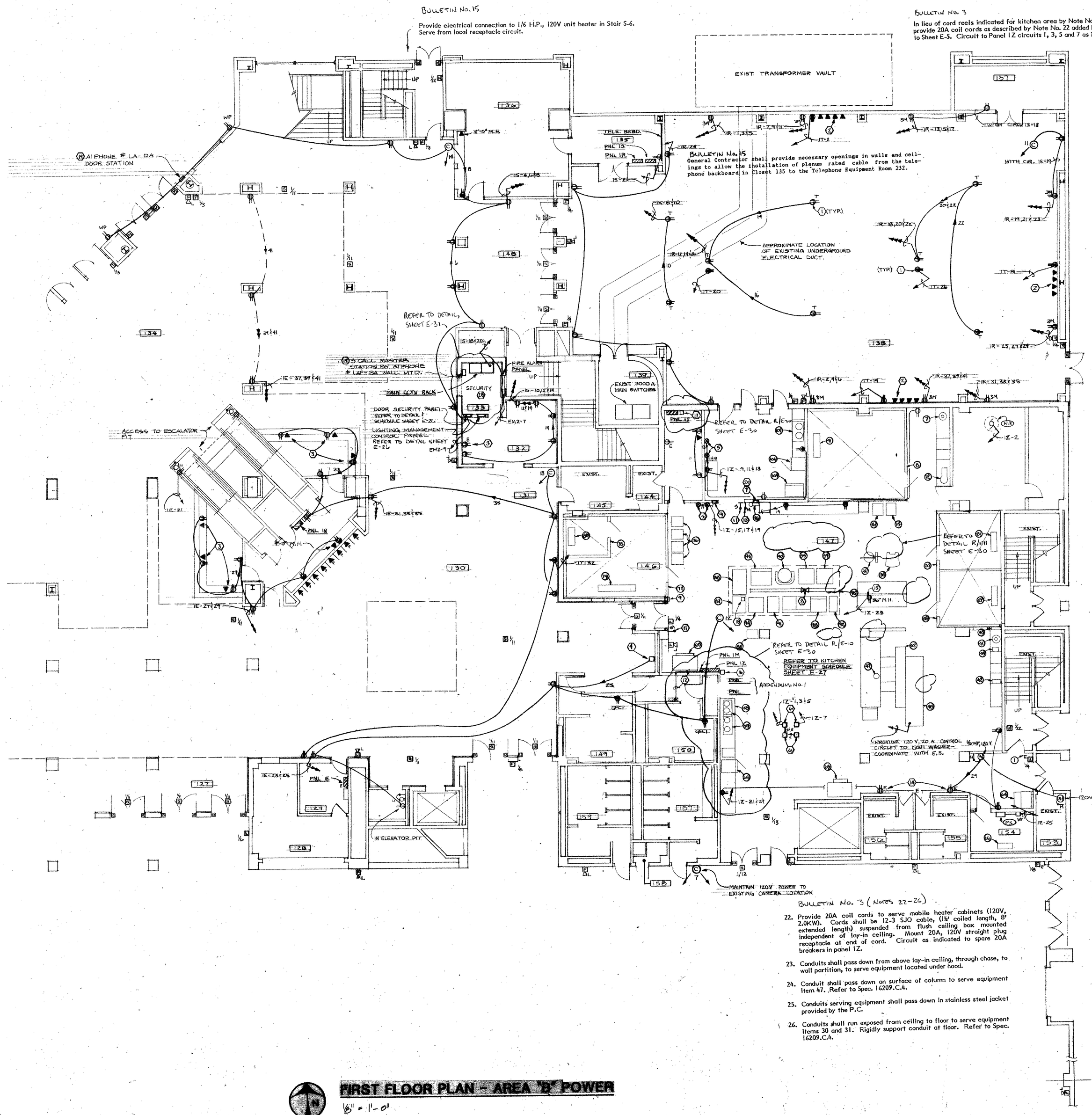
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D. J. WERLING 33966
R. J. PEARSON 34463
R. N. WEBER 41295



NOTES

1. MOUNT DEVICE FLUSH WITH DRYWALL CEILING SURFACE. DEVICE BOX SHALL BE MOUNTED INDEPENDENT OF DRYWALL CEILING, AND RIGIDLY SUPPORTED TO SUSTAIN WEIGHT OF FLOOR TO CEILING CORD LENGTH.
2. MOUNT 4 TELEPHONE OUTLETS UNDER ONE COMMON COVERPLATE.
3. COORDINATE EXACT MOUNTING POSITION OF RECEPTACLE AND TELEPHONE OUTLETS IN CABINET WITH ARCHITECT.
4. COORDINATE EXACT MOUNTING OF RECEPTACLE (FOR CORD AND PLUG) OR JUNCTION BOX (FOR DIRECT WIRING) WITH WATER COOLER INSTALLATION FOR WHICH IT SERVES.
5. PROVIDE 20A, 120V RECEPTACLE FOR 2 KW HEATER LOAD. COORDINATE RECEPTACLE TYPE WITH EQUIPMENT SUPPLIER.
6. PROVIDE CORD REEL BY APPLETON NO. RF-1632G WITH 12 FT. - 12-3 SJO CORD. ATTACH TWISTLOC RECEPTACLE AT CORD END - COORDINATE RECEPTACLE TYPE WITH EQUIPMENT SUPPLIER. SUPPORT CORD REEL FROM STRUCTURE INDEPENDENT OF LAY-IN CEILING.
7. JUNCTION BOX IN WALL FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM CONTROL PANEL. (PANEL PROVIDED BY OTHERS.) INTERCONNECT WITH HOOD AND EQUIPMENT BENEATH HOOD TO SHUT-OFF POWER UPON SYSTEM ACTIVATION. REFER TO EQUIPMENT SCHEDULE AND DETAILS, SHEET E-27.
8. GAS SOLENOID SHUT-OFF VALVE - INTERCONNECT WITH HOOD FIRE SUPPRESSION SYSTEM TO SHUT GAS OFF UPON ACTIVATION OF THE SYSTEM. REFER TO DETAIL, SHEET E-27.
9. FLUSH MOUNTED OCTAGONAL JUNCTION BOX 48" A.F.F. WITH 1/2" EMT TO 6" ABOVE CEILING FOR REMOTE CABLE PULL.
10. PROVIDE APPROPRIATE SIZE WIRING AND CONDUIT BETWEEN SWITCH AND EXHAUST FAN STARTER ON ROOF. INTERCONNECTION OF EXHAUST FAN AND SUPPLY FAN BY H.C.
11. PROVIDE WIRING AND CONDUIT BETWEEN SWITCH AND JUNCTION BOX ON TOP OF HOOD TO OPERATE HOOD LIGHTS.
12. RELOCATE PANEL "1M" AND PROVIDE EXTENSION OF EXISTING FEEDER. EXTEND ALL EXISTING CIRCUITS WHICH ARE TO REMAIN TO NEW PANEL LOCATION.
13. EXTEND ONE 2" CONDUIT FROM BACKBOARD TO SECOND FLOOR EQUIPMENT ROOM 232.
14. RECIRCUIT EXISTING DEVICES AS INDICATED.
15. COORDINATE MOUNTING OF DEVICE WITH EQUIPMENT SUPPLIER.
16. PROVIDE MECHANICALLY-HELD, 8 POLE, 20 AMP, N/C REMOTE CONTROL LIGHTING CONTACTOR (30A GENERAL PURPOSE) BY ASCO NO. 917 WITH ENCLOSURE. INTERCEPT CIRCUITS 1Y-20, 22, 24, 26, 28, 32, 34. REFER TO WIRING DIAGRAM, SHEET E-27.
17. PROVIDE 60 AMP, N/C REMOTE CONTROL SWITCH BY ASCO NO. 920 WITH ENCLOSURE. INTERCEPT CIRCUIT 1T-25. REFER TO WIRING DIAGRAM, SHEET E-27.
18. PROVIDE 100 AMP, N/C REMOTE CONTROL SWITCH BY ASCO NO. 920 WITH ENCLOSURE. INTERCEPT CIRCUIT DP-1-29. REFER TO WIRING DIAGRAM, SHEET E-27.

ADDENDUM NO. 1

19. 3-call master station by Alphone #LAF-3A wall mounted indicated in Security Room 133. Alphone #LA-DA door station indicated at front entrance. Electrical Contractor shall provide the above in addition to Alphone #PS-12C power supply, and shall install system such that two-way communication exists between Security Room 133 and station at front entrance. In addition, Electrical Contractor shall provide 3-call master station #LAF-3A inside kitchen just outside Office 142 entrance, mounted on wall. (Verify location with D.C.C.), and a #LA-DA door station at exterior side of double exit doors on Kitchen west wall (Corridor 152). The two master stations shall be independent systems with the exception that they shall be powered from the same power supply. (Provide power to power supply, 20 amp breaker in panel.)

ADDENDUM NO. 1

20. Kitchen hood fire suppression panel - provide control wiring in conduit between reset relay in panel and automan release. (Coordinate with Food Services Contractor.)
21. Refer to Sheets A17 and A23 for location of motorized projection screens in Rooms 138 and 352 (total of two screens). Connect 1.13 amp, 120 volt motor (3 wire quick reversal type) to local receptacle circuit. Install 3-position control switch (provided by equipment supplier) and wire to screen. Mount switch below screen on wall (4'-0" M.H.).

BULLETIN No. 1

27. ADD ELECTRIC METERS AND REVISE WIRING & CIRCUITRY AS SHOWN ON SHEET E-30, DETAIL R/E-10.

BULLETIN NO. 15

28. Mount four horizontal sections of plugmold by Wiremold #GB series with four receptacles per section (6" O.C.) on north wall directly above counter. Mount lowest section just above countertop, second section 10" above countertop, third section at 20" A.C.T., fourth section at 30" A.C.T.

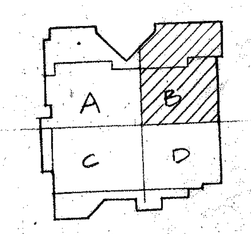
Sheet E-5 indicates Circuits 1S-18 and 20 to main CCTV rack. Pull an additional 20 amp, 120 volt circuit from 20 amp breaker in Panel 1S thru this conduit. Provide only one circuit to CCTV rack; provide one circuit to plugmold mounted on counter; provide one circuit to four horizontal sections of plugmold.

Provide a telephone outlet at the west wall of Room 133.

ROOM NO.	ROOM NAME
127	S. LOBBY
128	CONCESSIONS
129	STORAGE
130	LOBBY
131	WORK/STORAGE
131A	STORAGE
131B	VAULT
131C	STORAGE
132	VENDING
133	SECURITY
134	N. LOBBY
135	STORAGE
136	COATS
137	STORAGE
138	BANQUET HALL
139	ELECTRIC
140	FIRST AID
141	TOILET
142	OFFICE
143	STAGING
144	DRY FOOD STORAGE
145	SEC. STORAGE
146	KITCHEN
147	ALCOVE
148	ALCOVE
149	M. TOILET
150	W. TOILET
151	JANITOR
152	CORRIDOR
153	METER
154	TRASH
155	W. TOILET
156	M. TOILET
157	W. TOILET
158	JANITOR
159	M. TOILET
161	MAIN EXHIBIT HALL
162	BALLROOM

BULLETIN No. 3 (NOTES 22-26)

22. Provide 20A coil cords to serve mobile heater cabinets (120V, 2.0KW). Cords shall be 12-3 SJO cable, (1ft coiled length, 8' extended length) suspended from flush ceiling box mounted independent of lay-in ceiling. Mount 20A, 120V straight plug receptacle at end of cord. Circuit as indicated to spare 20A breakers in panel 1Z.
23. Conduits shall pass down from above lay-in ceiling, through chase, to wall partition, to serve equipment located under hood.
24. Conduit shall pass down on surface of column to serve equipment Item 47. Refer to Spec. 16209.C.4.
25. Conduits serving equipment shall pass down in stainless steel jacket provided by the P.C.
26. Conduits shall run exposed from ceiling to floor to serve equipment Items 30 and 31. Rigidly support conduit at floor. Refer to Spec. 16209.C.4.



FIRST FLOOR PLAN - AREA "B" POWER

1/8" = 1'-0"

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R. J. WERLING 33045
R. J. PEARSON 34483
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RENOVATION AND EXPANSION OF
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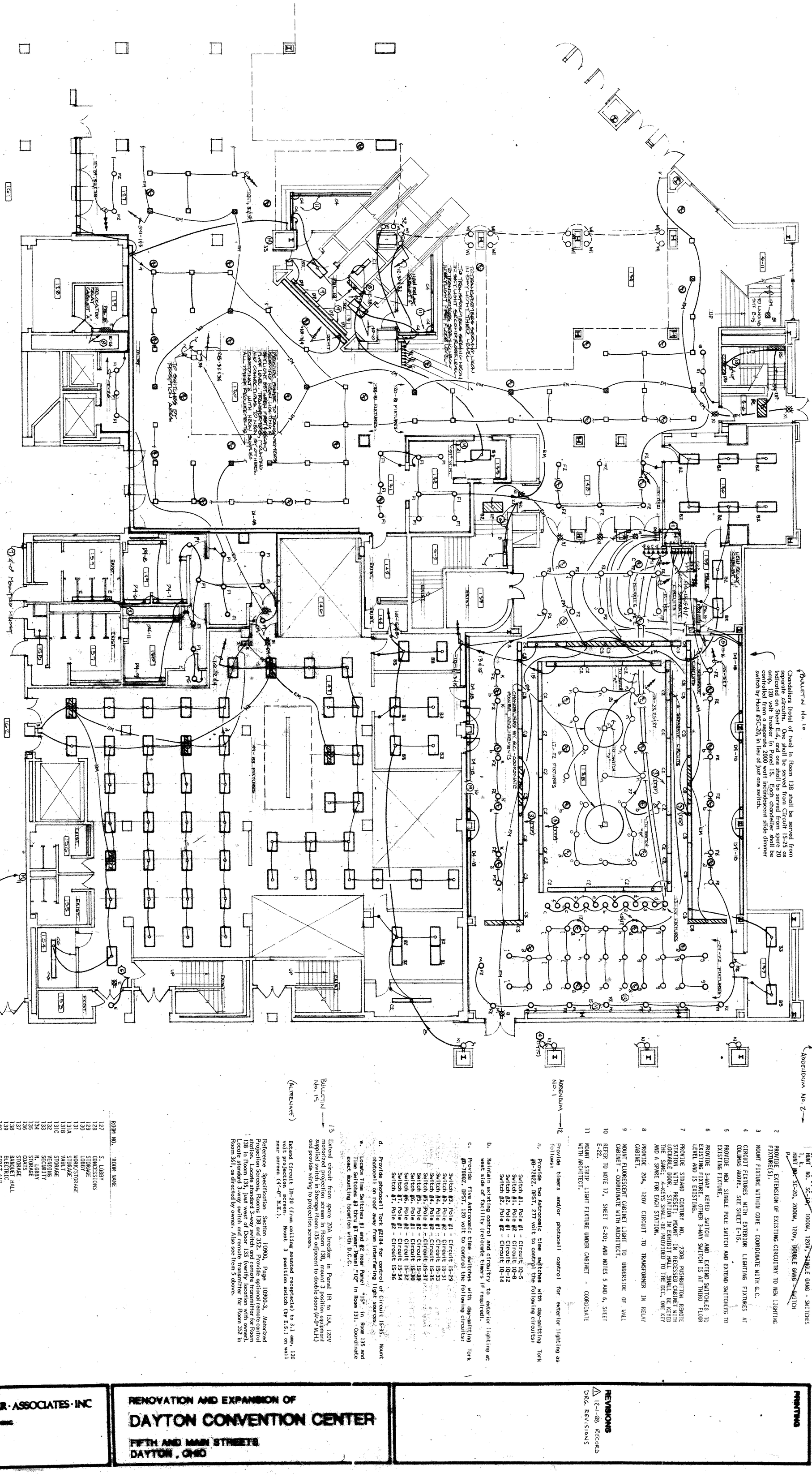
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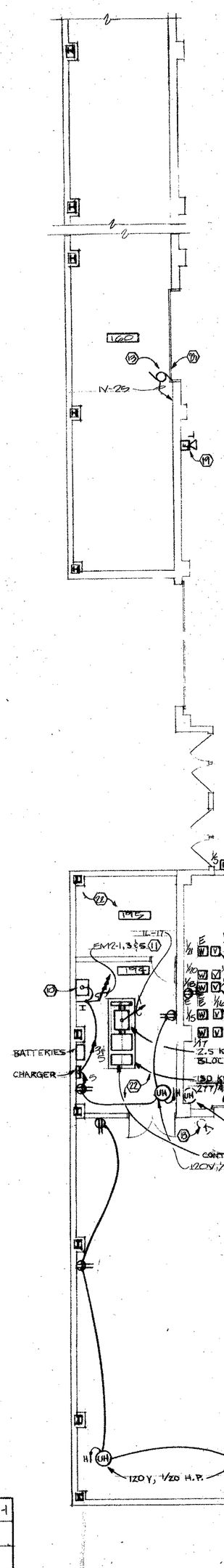
E-5

1-B LIGHTING

		401-3	401-2
		401-3	401-2

14 14


EXIST.
EXIST.
EXIST.



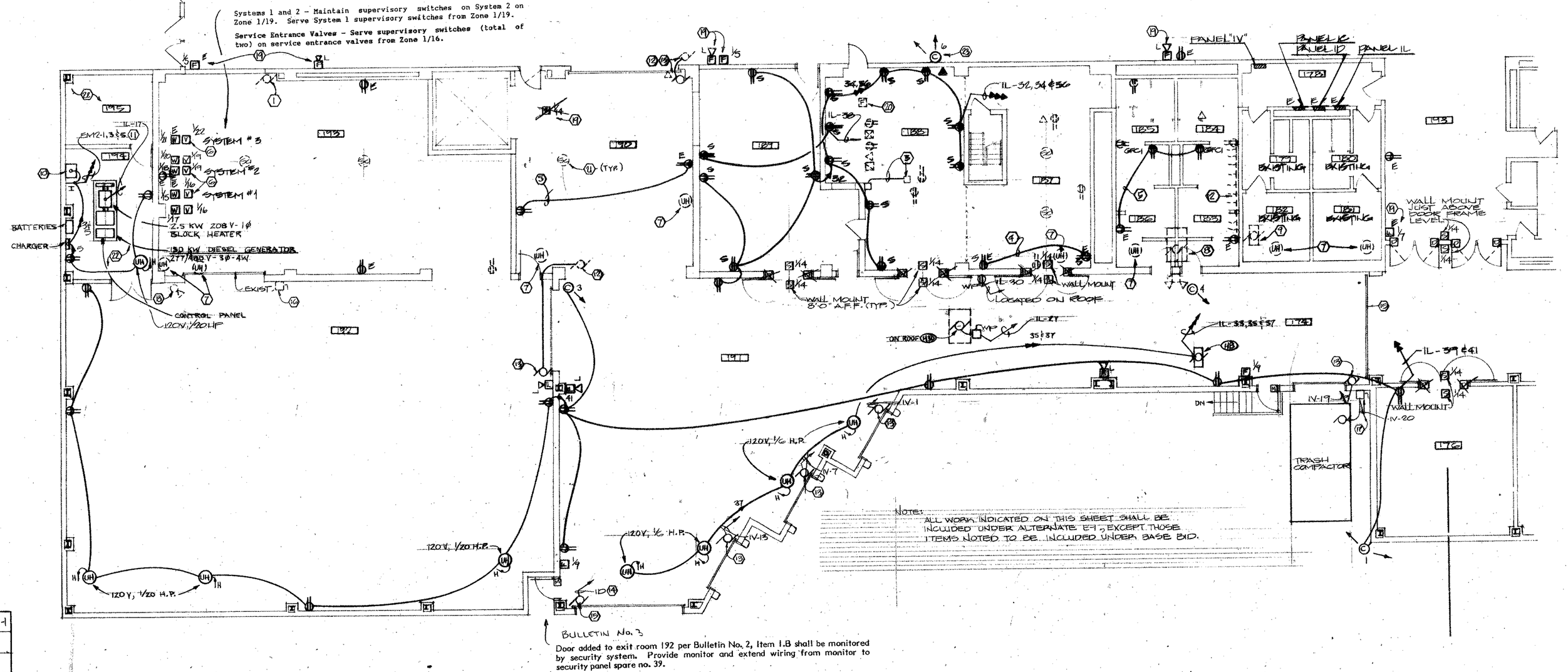
BULLETIN NO. 18

Area 193, Sheet E-7, supervisory switches on Sprinkler Systems 1, 2 and 3. Service entrance valves shall also be supervised. Distribute zones as follows:

System 3 - Maintain supervisory switches on Zone 1/22.

Systems 1 and 2 - Maintain supervisory switches on System 2 on Zone 1/19. Serve System 1 supervisory switches from Zone 1/19.

Service Entrance Valves - Serve supervisory switches (total of two) on service entrance valves from Zone 1/16.



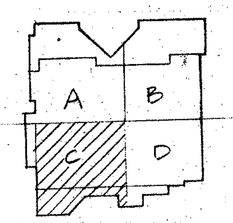
BULLETIN No. 3

Door added to exit room 192 per Bulletin No. 2, Item 1.B shall be monitored by security system. Provide monitor and extend wiring from monitor to security panel spare no. 39.

NOTES -

1. OVERHEAD DOOR SHALL BE REMOVED - REMOVE MOTOR AND ALL ASSOCIATED WIRING AND CONDUIT BACK TO THE POINT OF SOURCE.
2. REMOVE PLUG STRIP AND ASSOCIATED CIRCUITRY AND CONDUIT BACK TO POINT OF SOURCE.
3. RELOCATE LIGHTING TIMER TO POSITION INDICATED (4'-0" M.H.) - PROVIDE EXTENSION OF EXISTING CIRCUITRY.
4. REROUTE EXISTING SURFACE MOUNTED CONDUIT AND PROVIDE REQUIRED EXTENSION TO AVOID NEW DOOR OPENING.
5. PROVIDE EXTENSION OF EXISTING CIRCUITRY AND CONDUIT TO NEW DEVICE(S).
6. PROVIDE VALVE SUPERVISORY SWITCH ON EXISTING VALVE - ZONE AS INDICATED.
7. UNIT HEATER REMOVED BY H.C. E.C. SHALL REMOVE ALL ASSOCIATED WIRING AND CONDUIT BACK TO LAST ACTIVE DEVICE OR POINT OF SOURCE.
8. AIR CONDITIONING UNIT REMOVED BY H.C. E.C. SHALL REMOVE ALL ASSOCIATED WIRING AND CONDUIT BACK TO POINT OF SOURCE.
9. EXHAUST FAN REMOVED BY H.C. E.C. SHALL REMOVE ALL ASSOCIATED WIRING AND CONDUIT BACK TO LAST ACTIVE DEVICE OR POINT OF SOURCE.
10. DAY TANK MOUNTED ON STEEL ANGLE BASE AT ELEVATION SUFFICIENT TO ALLOW GRAVITY OVERFLOW BACK TO MAIN TANK - COORDINATE WITH H.C.
11. TO REDUCE VOLTAGE DROP TO ACCEPTABLE LEVEL, CIRCUITS EM1-1, 3 AND 5 SHALL BE RUN WITH NO. 8 CONDUCTORS.
12. EXISTING OVERHEAD DOOR AND MOTOR SHALL BE REMOVED. PROVIDE EXTENSION OF EXISTING CIRCUITRY TO NEW MOTORIZED DOOR.
13. 208 VOLT, 3 PHASE, 3/4 H.P. MOTORIZED DOOR IS TO BE OPERATED BY A KEY SWITCH ON THE PUBLIC/EXTERIOR SIDE AND A PUSHBUTTON TYPE SWITCH ON THE ROOM/CORRIDOR SIDE. SWITCHES SHALL BE SUPPLIED BY THE DOOR SUPPLIER, INSTALLED BY THE E.C.
14. EXTEND CIRCUIT FROM EXISTING SPARE 20A/3P BREAKER IN PANEL 1D TO MOTOR.
15. OVERHEAD DOOR SHALL BE INTERCONNECTED WITH FIRE ALARM SYSTEM SUCH THAT DOOR IS CLOSED UPON BUILDING ALARM. COORDINATE POWER REQUIREMENTS TO FUSIBLE LINK WITH DOOR SUPPLIER.
16. REMOVE 30A DISCONNECT SWITCH SERVING TRASH COMPACTOR AND ASSOCIATED CIRCUITRY AND CONDUIT BACK TO POINT OF SOURCE.
17. PROVIDE 30A FUSIBLE DISCONNECT SWITCH AND 30A SERVICE TO TRASH COMPACTOR. COORDINATE FUSING/CONTROL REQUIREMENTS WITH SUPPLIER.
18. REMOVE CCTV CAMERA. REFER TO SPECIFICATIONS FOR RELOCATIONS OF EXISTING CAMERAS.
19. PROVIDE FIRE ALARM DEVICE/REZONE EXISTING DEVICE - WORK INCLUDED UNDER BASE BID.
20. UNDER BASE BID, REZONE EXISTING PULLSTATION, CIRCUIT TO ZONE 1/9. UNDER ALTERNATE E-1, REMOVE PULLSTATION.
21. CEILING SPEAKERS SHALL BE REMOVED UNDER BASE BID.
22. ALL WORK WITHIN TANK AND GENERATOR ROOM SHALL BE INCLUDED UNDER BASE BID.
23. WORK INCLUDED UNDER BASE BID.

ROOM NO.	ROOM NAME
160	CHAIR/TABLE STORAGE
161	MAIN EXHIBIT HALL
174	RECEIVING
176	VEHICLE STORAGE
178	HALLWAY
179	M. TOILET
180	W. TOILET
181	DRESSING
182	DRESSING
183	LOCKERS
184	M. TOILET
185	W. TOILET
186	LOCKERS
187	SHOP/JAN./MAINT. STG.
188	REPAIR SHOP
189	SHOW DECORATOR
190	SERVICE ALCOVER
191	RECEIVING
192	BLEACHER STORAGE
193	BLEACHER STORAGE
194	GENERATOR
195	FUEL ROOM
161	MAIN EXHIBIT HALL
163	STORAGE
164	STORAGE
165	STORAGE
166	ALCOVE
167	CONCESSION
168	OPERABLE WALL STORAGE
169	TRASH CONTATINER STG.
170	STORAGE
171	M. TOILET
172	W. TOILET
173	JANITOR
174	SERVICE CORRIDOR
175	LOUNGE
176	SERIVCE VEHICLES
177	SECURITY



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RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

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ARCHITECTURE PLANNING
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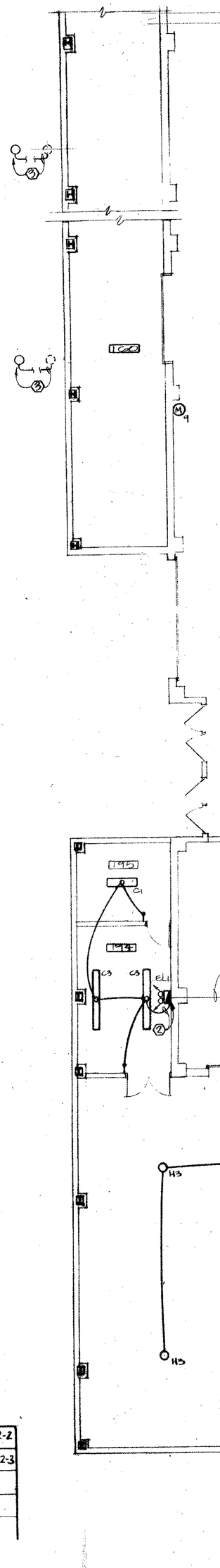
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16
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FIRST FLOOR PLAN - AREA "C" POWER

1/8" = 1'-0"



"D1" Recessed fluorescent 1x1, 3 lamp, 9 cell parabolic luminaire shall be nominally 5" in height and shall be suitable for island mounting in NEMA Type G ceiling. Parabolic louver shall be finished in specular aluminum.

Luminaire shall use 3-FLA13TT lamps by General Electric.

Zumtobel RIK 3/13

"D5" Surface mounted indirect fluorescent luminaire shall be nominally 8" wide by 4-3/4" high by lengths as shown. Luminaire shall have an asymmetric photometric distribution to throw light away from the wall and onto the ceiling.

Luminaire shall use 2-F40T12, F30T12 or F20T12 lamps by G.E. in cross-section to provide continuously luminous appearance.

Luminaire housing shall be formed of 1/8" thick extruded aluminum finished to match color sample provided by Levin-Porter Assoc. Luminaire shall exhibit no sagging, snaking or other unevenness over entire length.

Luminaire shall be wall mounted at maximum distance from ceiling with bottom of luminaire flush with bottom of soffit.

Linear C4352-XX-GSLD
Peerless 3d-LST31

"F4" Recessed incandescent pull-down accent luminaire shall be nominally 11-3/8" square by 12" in height. Luminaire shall be suitable for mounting in NEMA Type G (lay-in) ceilings. Luminaire shall have lamp housing that can be fully recessed into ceiling or pulled down on pressure slides. Lamp housing shall be fully adjustable vertically and rotate through 359 degrees on the horizontal.

Luminaire shall use 1-090W/PAR38 SP lamp by General Electric.

NL RS990

"H1" Recessed high intensity discharge downlight shall be nominally 9-7/8" in diameter by 16" in height, suitable for mounting in NEMA Type F ceilings. Reflector cone shall be finished in clear semi-specular aluminum.

Luminaire shall use 1-M100/BU/BD Metalarc lamp by Sylvania.

Prescolite 1061M9-100MH-836

"S1" Semi-recessed high intensity discharge wall wash luminaire shall be nominally 6-1/4" height and width by 12" in length. Luminaire shall use extruded ellipsoidal specular aluminum reflector/housing. Housing, bracket, canopy and all exposed metal surfaces shall be finished in baked, high-temperature eggshell white enamel. All luminaires shall be placed 3'-0" ± 3" from wall on 4'-0" ± 3" centers.

Luminaire shall use 1-HDI-TS-70W/WDL (3000K) lamp by Osram.

Elliptipar 1645-T

"S2" Recessed incandescent wedge luminaire shall be triangular in shape, with both legs approximately 8-1/2" in length. Luminaire shall be fitted with three adjustable lamp holders on approximately 1'-0" centers. Total luminaire length shall be 2'-8".

Luminaire shall use three GE Q250W/PAR38 FL lamps.

Luminaire shall be mounted so that face holding lamps is vertical and flush against wall. Luminaire housing shall be painted to match sample provided by Levin-Porter

NL CH215-XX-GSLD/TLG

"T1" Tubular indirect fluorescent luminaire shall be nominally 4" in diameter by lengths as shown. Luminaire shall be formed from repeated use of 8'-0" module. Each module shall use 1-F72T12/WW/HO lamp by G.E., lamp shall be centered in module. All ballasts shall be placed in dead space between lamps. Luminaire shall be furnished with linear prismatic lens. Luminaire housing shall be finished to match color sample provided by Levin-Porter.

Final luminaire shop drawings shall be approved by GSLD/Levin-Porter before manufacturing.

Luminaire shall be surface mounted to space frame as indicated (see detail). Straps or clamps to be designed by engineer with final detail approval by GSLD.

Linear D1266-XX-GSLD/TLG

"T2" Surface mounted incandescent strip shall be nominally 1" in width by 1" in height by lengths as shown. Luminaire shall be mounted on the bottom surface of space frame members so that lamps are vertical. Luminaire shall not exhibit sagging, snaking or other unevenness over entire length. Luminaire shall be rated for damp location.

Luminaire shall use 1-15W/G-16-1/2 lamp rated for 4000 hour service by G.E. in cross-section, lamps shall be spaced on 6" centers.

Modulighter Mini Lux w/15GC/L GSLD/TLG

"W1" Recessed low voltage incandescent well light shall be nominally 15-1/4" in diameter by 14" in height. Luminaire shall be suitable for mounting in First Zone Atrium floor and shall be placed so that center line of luminaire is 12" ± 3" from the face of the column. Luminaire shall be installed so that cast aluminum flush guard is flush with finished floor. Lamp shall be adjustable through 30 degrees each side of vertical and 360 degrees horizontally.

Luminaire shall use 1-120W/PAR56 VNSP operating at 12 volts.

Prescolite 5112FG

NOTES

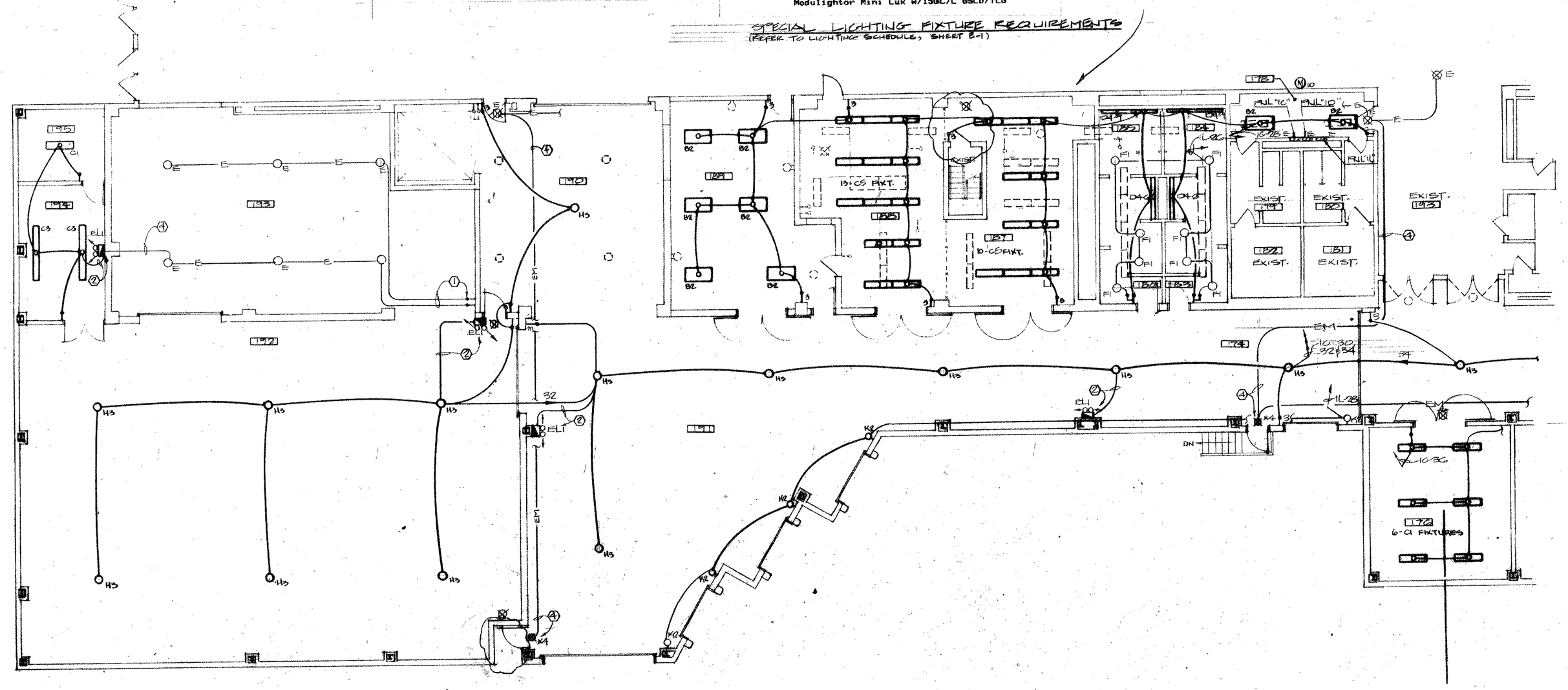
1. PROVIDE NEW SWITCH AND SWITCHGEG TO EXISTING R.T.U. LIGHTING FIXTURES. MAINTAIN EXISTING CIRCUITRY TO FIXTURES.
2. BATTERY POWERED EMERGENCY LIGHT SHALL BE SERVED BY AREA LIGHTING CIRCUIT - WIRE AHEAD OF SWITCH.
3. RELOCATE EXISTING EXTERIOR POLE LIGHT - PROVIDE EXTENSION OF EXISTING FEEDER TO NEW LOCATIONS. REFER TO SITE/ROOF PLAN, SHEET A1 FOR NEW LOCATION.
4. PROVIDE EXTENSION OF EXISTING CIRCUITRY TO NEW LIGHTING FIXTURE(S).

BULLETIN NO. 3

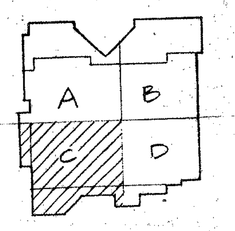
Walls added per Bulletin No. 2, Item 1.C necessitate the following changes in lighting:

1. Eliminate one "C5" lighting fixture shown northeast of stairwell to clear space for wall (see Sheet E-8).
2. Eliminate 3-way switch located outside stairwell on stairwell wall in Room 187. Switch shown at double door entrance to Room 187 shall be a single pole switch and shall control the nine "C5" lighting fixtures in Room 187.
3. Remove existing 3-way switch at ground level in stairwell and provide extension of existing switch leg to new 3-way switch located west of relocated door on south side of wall. Provide "D6" lighting fixture mounted at 8' A.F.F. on east wall inside new enclosure. Provide extension of stairwell lighting circuitry to "D6" fixture.

SPECIAL LIGHTING FIXTURE REQUIREMENTS
(REFER TO LIGHTING SCHEDULE, SHEET E-1)



ROOM NO.	ROOM NAME
160	CHAIR/TABLE STORAGE
161	MAIN EXHIBIT HALL
174	RECEIVING
176	VEHICLE STORAGE
178	HALLWAY
179	M. TOILET
180	W. TOILET
181	DRESSING
182	DRESSING
183	LOCKERS
184	M. TOILET
185	W. TOILET
186	LOCKERS
187	SHOP/JAN./MAINT. STG.
188	REPAIR SHOP
189	SHOW DECORATOR
190	SERVICE ALCOVER
191	RECEIVING
192	BLEACHER STORAGE
193	BLEACHER STORAGE
194	GENERATOR
195	FUEL ROOM
161	MAIN EXHIBIT HALL
163	STORAGE
164	STORAGE
165	STORAGE
166	ALCOVE
167	CONCESSION
168	OPERABLE WALL STORAGE
169	TRASH CONTAINER STG.
170	STORAGE
171	M. TOILET
172	W. TOILET
173	JANITOR
174	SERVICE CORRIDOR
175	LOUNGE
176	SERVICE VEHICLES
177	SECURITY



FIRST FLOOR PLAN - AREA "C" LIGHTING AND SOUND SYSTEM

402-2	402-2
402-3	402-3

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
T. J. FRYDELMAN 23801
T. E. HOWING 29746
D. J. WERLING 33046
R. J. PEARSON 34483
R. R. WEBER 41295

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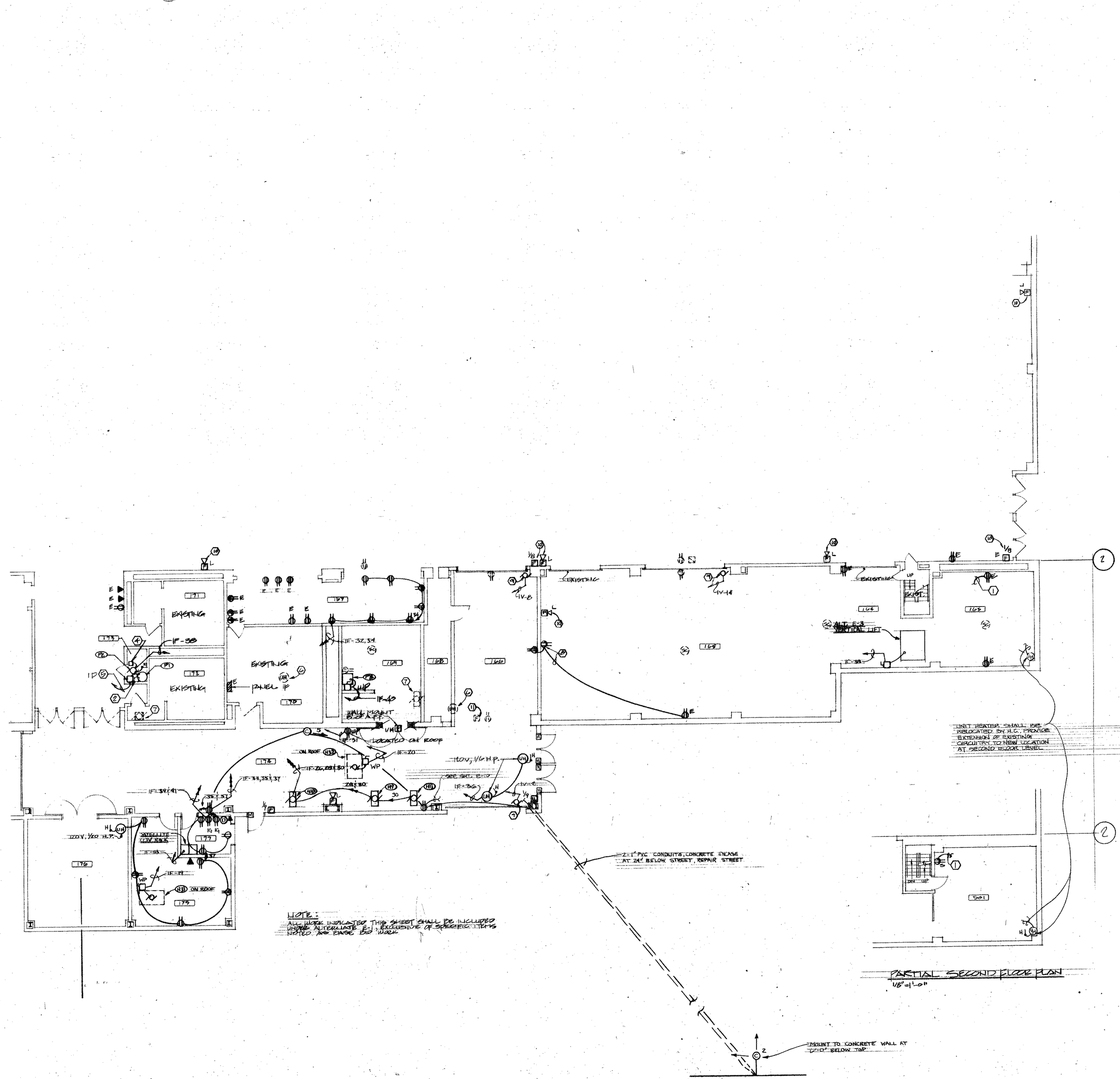
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN-PORTER ASSOCIATES, INC
ARCHITECTS PLANNERS

DATE 6-9-88
DRAWN BY CLD
CHECKED BY MBY
PROJECT NO. 87411.00

NOTES

1. PROVIDE EXTENSION OF EXISTING CIRCUITRY TO NEW DEVICE LOCATED AT MEZZANINE.
2. REMOVE EXISTING 30A DISCONNECT SWITCH AND FEEDER BACK TO POINT OF SOURCE SERVING 6 KW, 208 VOLT, 3 PHASE WATER HEATER TO BE REMOVED.
3. MOUNT TWO ORANGE DUPLEX RECEPTACLES WITH ISOLATED GROUND IN A DOUBLE GANG BOX UNDER A COMMON COVERPLATE.
4. E.C. SHALL FURNISH A STRAP ON SURFACE CONTACT SWITCH FOR HOT WATER RECIRCULATING PUMP. THERMOSTAT SHALL BE PENN NO. A19DAC-1, OR APPROVED EQUAL BY HONEYWELL OR POWERS.
5. REFER TO MOTOR STARTER SCHEDULE FOR WIRING REQUIREMENTS. EXTEND CIRCUIT TO PANEL 1D, REMOVE EXISTING 30A, 3 POLE BREAKER SERVING REMOVED WATER HEATER, AND INSTALL A 40A, 3 POLE BREAKER TO SERVE NEW WATER HEATER.
6. UNIT HEATER REMOVED BY H.C. E.C. TO REMOVE ASSOCIATED WIRING AND CONDUIT BACK TO LAST ACTIVE DEVICE OR POINT OF SOURCE.
7. EXHAUST FAN REMOVED BY H.C. E.C. TO REMOVE ASSOCIATED WIRING AND CONDUIT BACK TO LAST ACTIVE DEVICE OR POINT OF SOURCE.
8. PROVIDE EXTENSION OF EXISTING CIRCUITRY TO NEW DEVICES.
9. 208 VOLT, 3 PHASE, 3/4 H.P. MOTORIZED OVERHEAD DOOR IS TO BE OPERATED BY A KEY SWITCH ON THE PUBLIC/EXTERIOR SIDE AND A PUSHBUTTON TYPE SWITCH ON THE ROOM/CORRIDOR SIDE. SWITCHES SHALL BE SUPPLIED BY THE DOOR SUPPLIER, INSTALLED BY THE E.C.
10. PROVIDE FIRE ALARM HORN/ZONE EXISTING OR NEW DEVICE AS INDICATED - WORK INCLUDED UNDER BASE BID.
11. UNDER ALTERNATE E-1, DEVICE SHALL BE REMOVED. UNDER BASE BID, DEVICE SHALL BE ON ZONE 1/9.



ROOM NO.	ROOM NAME
161	MAIN EXHIBIT HALL
163	STORAGE
164	STORAGE
165	STORAGE
166	ALCOVE
167	CONCESSION
168	OPERABLE WALL STORAGE
169	TRASH CONTATINER STG.
170	STORAGE
171	M. TOILET
172	W. TOILET
173	JANITOR
174	SERVICE CORRIDOR
175	LOUNGE
176	SERIVCE VEHICLES
177	SECURITY

PARTIAL SECOND FLOOR PLAN
1/8"=1'-0"

FIRST FLOOR PLAN - AREA 'D' POWER
1/8" = 1'-0"

403-1 | 403-1

STATE OF OHIO
20267 T. J. PENDELMAN
T. E. MONNIG 20706
D. J. WERLING 33046
R. J. PEARSON 34683
R. R. WEBER 41295
REGISTERED PROFESSIONAL ENGINEERS

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RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN-PORTER ASSOCIATES, INC
ARCHITECTURE PLANNING

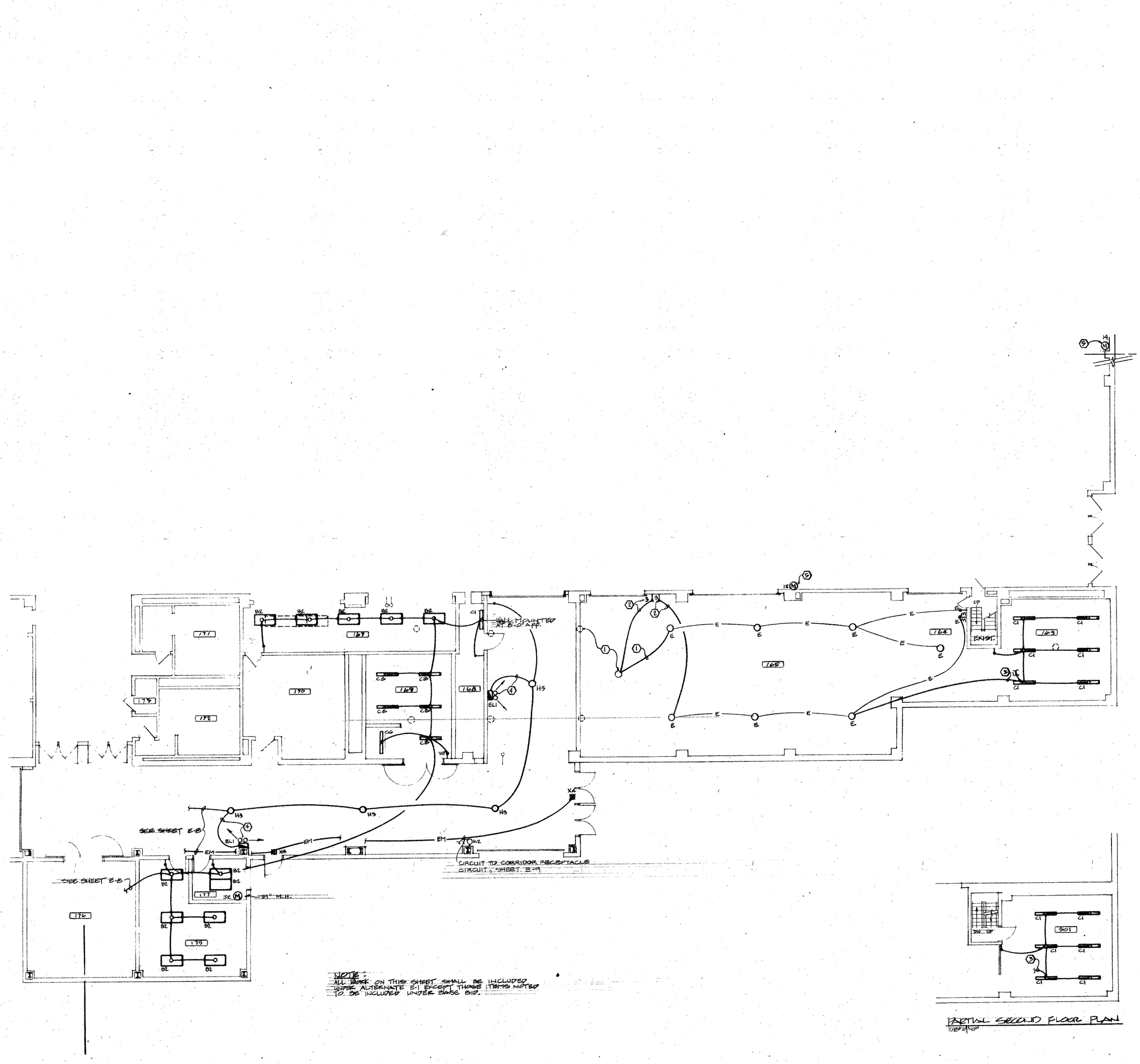
DATE 6-9-86
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PROJECT NO. 5741.00

E-9

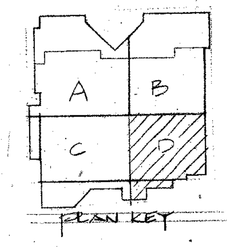
A B C D

NOTES -○

1. RELOCATE EXISTING H.I.D. FIXTURE TO LOCATION INDICATED. PROVIDE EXTENSION OF EXISTING CIRCUITRY TO RELOCATED FIXTURE.
2. PROVIDE 3-WAY SWITCH AND EXTEND SWITCHLEG TO EXISTING H.I.D. FIXTURES. OTHER 3-WAY SWITCHES ARE EXISTING.
3. PROVIDE EXTENSION OF EXISTING CIRCUITRY TO FLUORESCENT FIXTURES ON FIRST AND SECOND FLOOR LEVELS.
4. BATTERY POWERED EMERGENCY LIGHT SHALL BE SERVED BY AREA LIGHTING CIRCUIT - WIRE AHEAD OF SWITCH.
5. WORK SHALL BE INCLUDED UNDER BASE BID.



ROOM NO.	ROOM NAME
161	MAIN EXHIBIT HALL
163	STORAGE
164	STORAGE
165	STORAGE
166	ALCOVE
167	CONCESSION
168	OPERABLE WALL STORAGE
169	TRASH CONTATINER STG.
170	STORAGE
171	M. TOILET
172	W. TOILET
173	JANITOR
174	SERVICE CORRIDOR
175	LOUNGE
176	SERIVCE VEHICLES
177	SECURITY



FIRST FLOOR PLAN - AREA "D" LIGHTING AND SOUND SYSTEM

1/8" = 1'-0"

403-2	403-2
403-3	403-3

I-D LIGHTING

18 18

STATE OF OHIO
28987
T. J. FERDELMAN
T. E. MONNIG 30705
R. J. WERLING 33098
R. J. PEARSON 34487
R. R. WEBER 41859
REGISTERED PROFESSIONAL ENGINEERS

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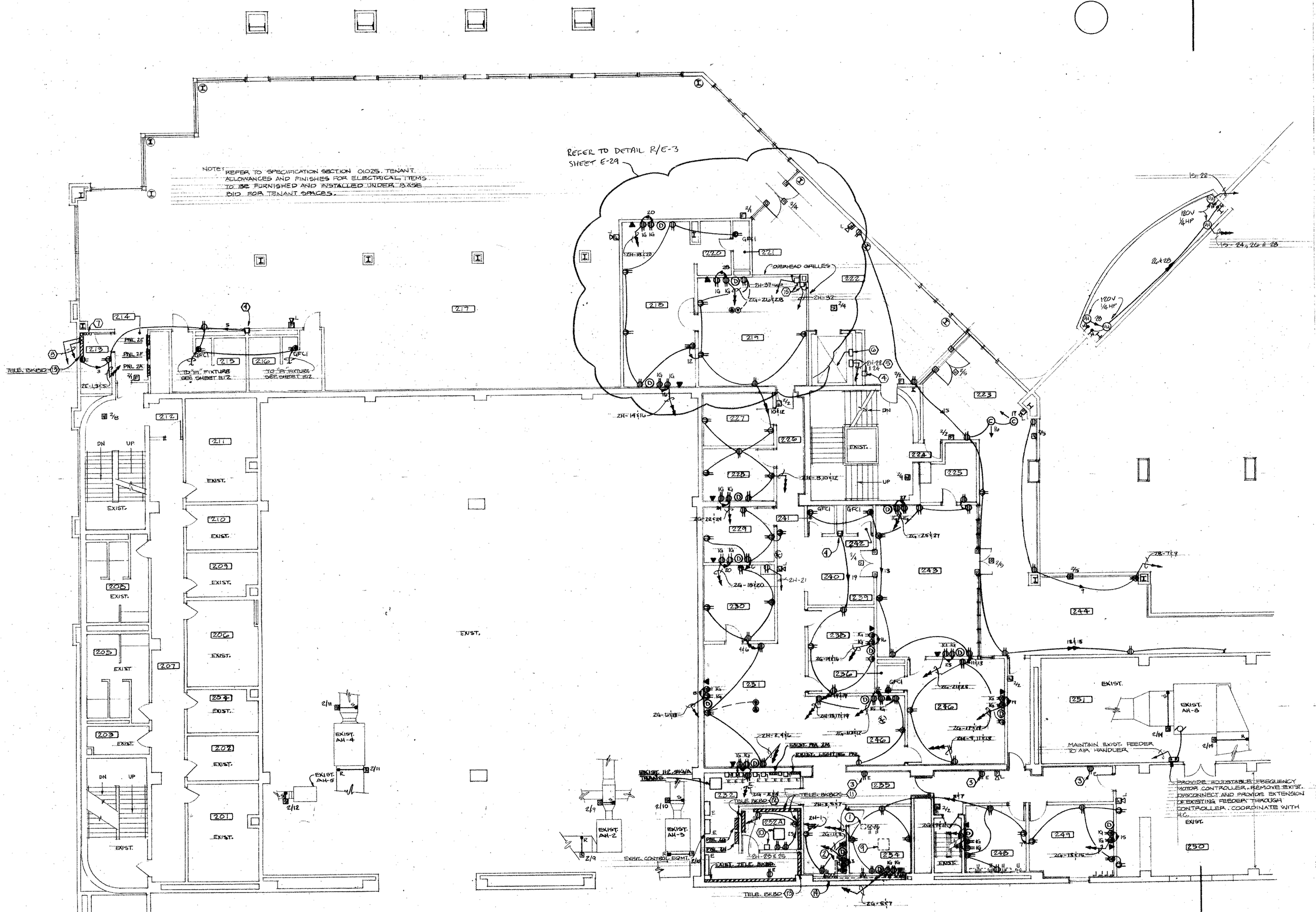
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FIFTH AND MAIN STREETS
DAYTON, OHIO

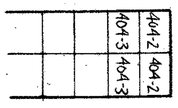
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E-10

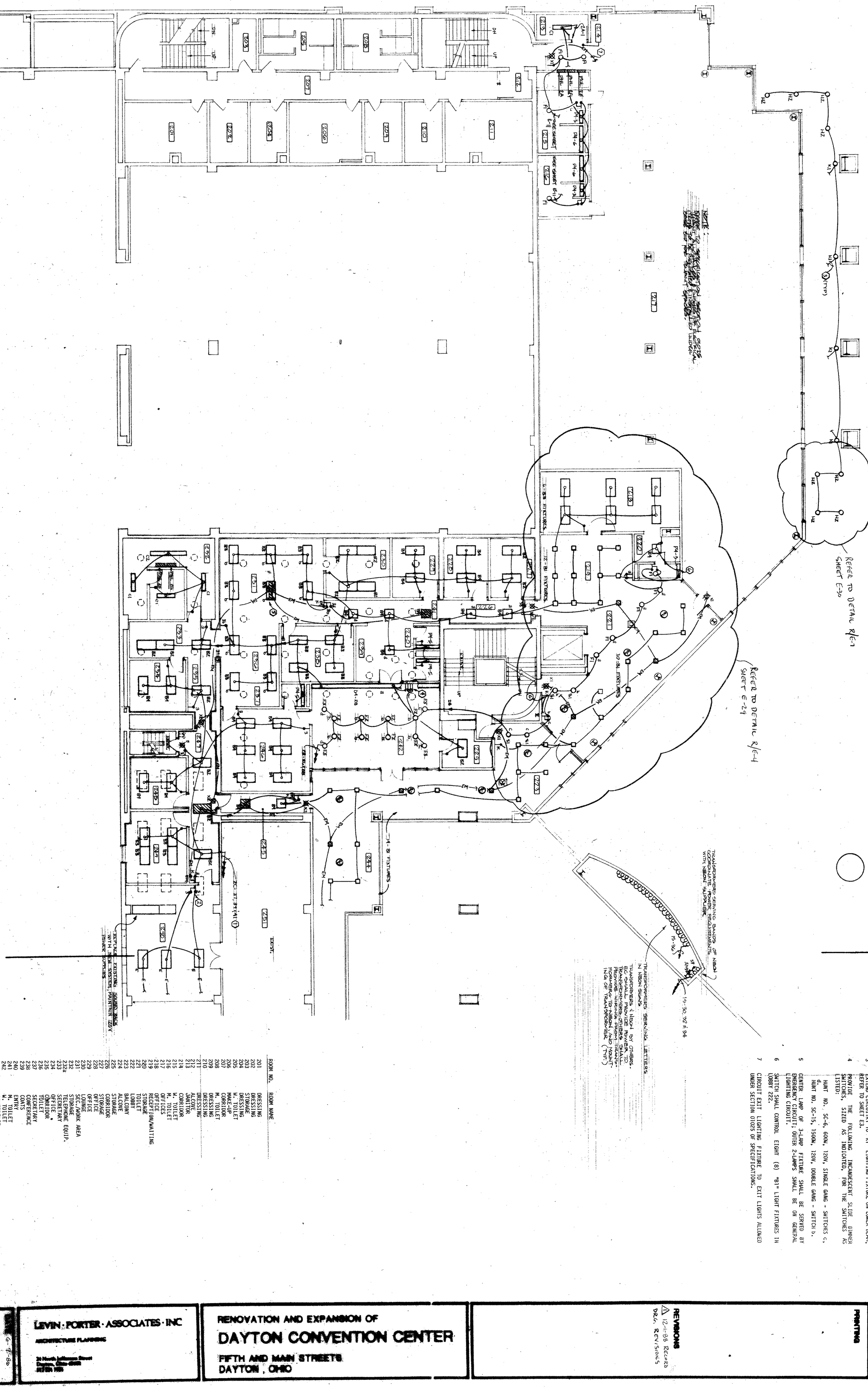

NOTE: REFER TO SPECIFICATION SECTION 01025 TENANT ALLOWANCES AND FINISHES FOR ELECTRICAL ITEMS TO BE FURNISHED AND INSTALLED UNDER BASE BID FOR TENANT SPACES.
REFER TO DETAIL R/E-3 SHEET E-29
TELE. BKBD
TO "B" FIXTURE SEE SHEET E-2
TO "B" FIXTURE SEE SHEET E-2
PNL 2E
PNL 2F
PNL 2K
2E-13+35
GFCI
EXIST.
EXIST. AH-4
EXIST. AH-5
EXIST. AH-2
EXIST. AH-3
EXIST. 112.5KVA TRANS.
EXIST. CONTROL EQMT.
EXIST. TELE. BKBD.
EXIST. PNL 2M
EXIST. PNL 2N
EXIST. LIGHTING PNL
OVERHEAD GRILLES
MAINTAIN EXIST. FEEDER TO AIR HANDLER
PROVIDE ADJUSTABLE FREQUENCY MOTOR CONTROLLER. REMOVE EXIST. DISCONNECT AND PROVIDE EXTENSION OF EXISTING FEEDER THROUGH CONTROLLER. COORDINATE WITH M.C.
120V 1/4HP
2L+2B
15-22
15-24,26 & 28
2H-18,20
2H-21
2H-32
2H-14,16
2H-7,11
2H-1,3,5,9
2H-25
2H-27
2G-22+24
2G-26+28
2G-18+20
2G-14+16
2G-10+12
2G-6+8
2G-2+4
2G-21+23
2G-25+27
2G-17+19
2G-13+15
2G-9+11
2G-5+7
2E-BC.8,10+12
2E-1,3,5,7
2E-9,11,13
2E-15,17,19
2E-21,23,25
2E-27,29,31
2E-33,35,37
2E-39,41,43
2E-45,47,49
2E-51,53,55
2E-57,59,61
2E-63,65,67
2E-69,71,73
2E-75,77,79
2E-81,83,85
2E-87,89,91
2E-93,95,97
2E-99,101,103
2E-105,107,109
2E-111,113,115
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2E-165,167,169
2E-171,173,175
2E-177,179,181
2E-183,185,187
2E-189,191,193
2E-195,197,199
2E-201,203,205
2E-207,209,211
2E-213,215,217
2E-219,221,223
2E-225,227,229
2E-231,233,235
2E-237,239,241
2E-243,245,247

2-A 22



SECOND FLOOR PLAN - AREA 'A' LIGHTING AND SOUND SYSTEM

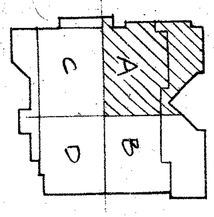
1/8" = 1'-0"



NOTES - C

1. TO REDUCE VOLTAGE DROP TO ACCEPTABLE LEVELS, LIGHTING CIRCUITS 2C-37, 39, 41 SHALL BE RUN WITH NO. 10 CONDUCTORS.
2. PROVIDE 3-WAY SWITCHES TO MAINTAIN SWITCHING ARRANGEMENT OF EXISTING LIGHTING FIXTURES.
3. EXTEND CIRCUITRY TO "K1" LIGHTING FIXTURE ON LOWER BEAM, REFER TO SHEET E3.
4. PROVIDE THE FOLLOWING INCANDESCENT SLIDE DIMMER SWITCHES, SIZED AS INDICATED, FOR THE SWITCHES AS LISTED:
   d. HUNT NO. SC-6, 600W, 120V, SINGLE GANG - SWITCHES c, HUNT NO. SC-15, 1500W, 120V, DOUBLE GANG - SWITCH b.
5. CENTER LAMP OF 3-LAMP FIXTURE SHALL BE SERVED BY EMERGENCY CIRCUIT; OUTER 2-LAMPS SHALL BE ON GENERAL LIGHTING CIRCUIT.
6. SWITCH SHALL CONTROL EIGHT (8) "B1" LIGHT FIXTURES IN LOBBY 222.
7. CIRCUIT EXIT LIGHTING FIXTURE TO EXIT LIGHTS ALLOWED UNDER SECTION 01025 OF SPECIFICATIONS.

ROOM NO.	ROOM NAME
201	DRESSING
202	DRESSING
203	STORAGE
204	DRESSING
205	W. TOILET
206	MAKE-UP
207	CORRIDOR
208	M. TOILET
209	DRESSING
210	DRESSING
211	DRESSING
212	ALCOVE
213	JANITOR
214	CORRIDOR
215	W. TOILET
216	M. TOILET
217	OFFICES
218	OFFICE
219	RECEPTION/WAITING
220	STORAGE
221	TOILET
222	LOBBY
223	BALCONY
224	ALCOVE
225	STORAGE
226	CORRIDOR
227	STORAGE
228	OFFICE
229	OFFICE
230	LOUNGE
231	SEC./WORK AREA
232	STORAGE
232a	TELEPHONE EQUIP.
233	SECRETARY
234	OFFICE
235	CORRIDOR
236	TOILET
237	SECRETARY
238	CONFERENCE
239	COATS
240	ENTRY
241	M. TOILET
242	W. TOILET
243	CONFERENCE
244	BALCONY
245	CORRIDOR
246	DIRECTOR
247	CORRIDOR
248	OFFICE
249	OFFICE
250	SOUND/LIGHT CONTROL
251	MECHANICAL



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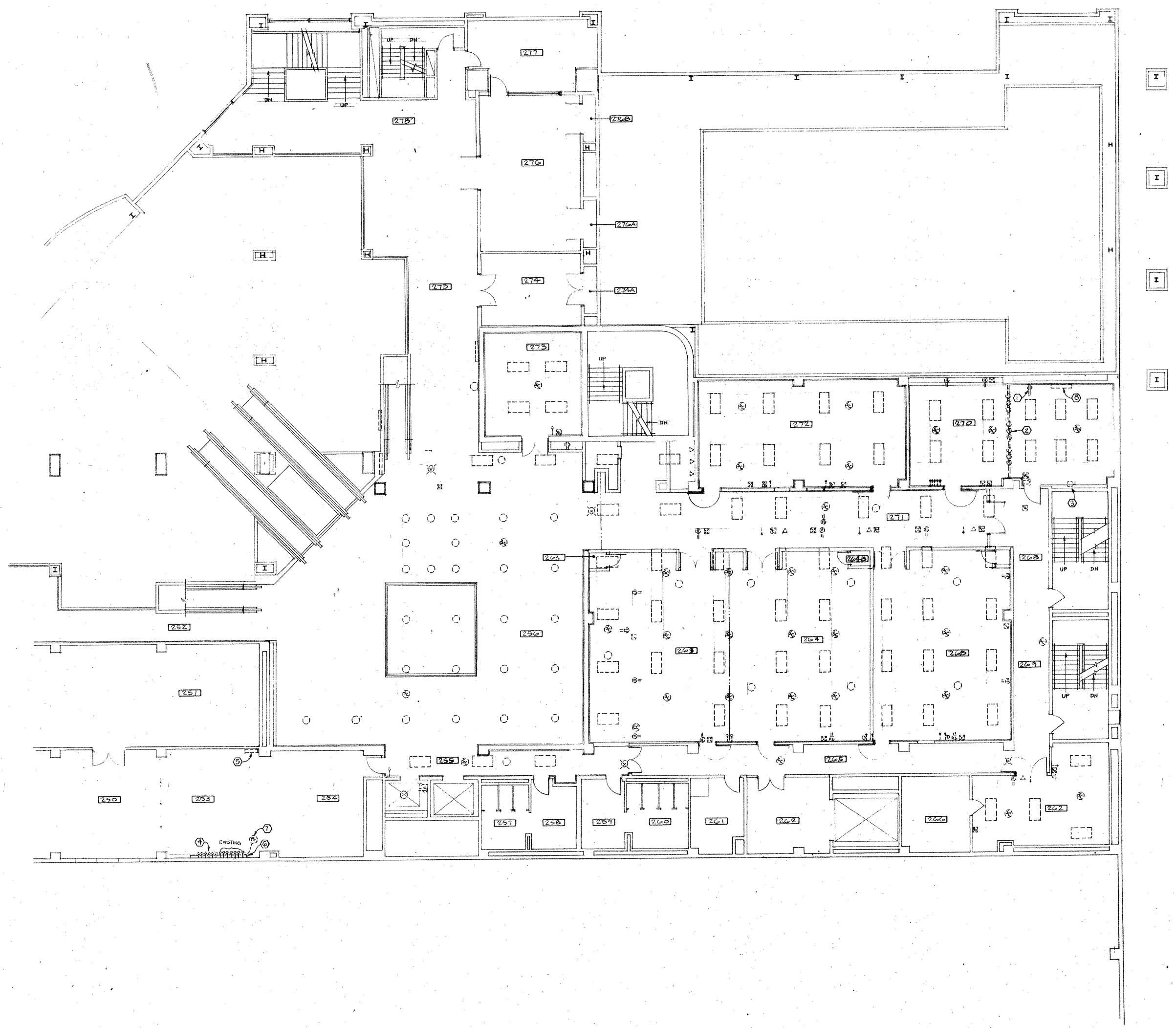
STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
T.J. FERDELMAN 28867
T.E. MONNIG 25786
R.J. PEARSON 34463
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LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
(513) 461-1555

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

DATE 6-9-88
DRAWN BY MTB
CHECKED BY MBY
PROJECT NO. 5411.00

E-12



NOTES - ⬡

1. REMOVE DEVICE BUT PROVIDE EXTENSION OF EXISTING CIRCUITRY TO NEW DEVICE AS INDICATED ON SHEET E14.
2. REMOVE BATTEN STRIP AND TWIST-LOCK RECEPTACLES AND ASSOCIATED CIRCUITRY AND CONDUIT BACK TO POINT OF SOURCE.
3. REMOVE 100A DISCONNECT SWITCH - REMOVE FEEDER AND CONDUIT BACK TO POINT OF SOURCE.
4. REMOVE SIX (6) LIGHTING CONTACTOR SWITCHES AND ASSOCIATED RELAYS SERVING INCANDESCENT LIGHTING FIXTURES IN BALLROOM AND EXHIBIT HALL.
5. RELAY CABINET "E" SHALL BE REMOVED AND RELOCATED TO THIRD FLOOR, ROOM 318.
6. EXISTING CONTACTORS SERVING MERCURY VAPOR FIXTURES IN EXHIBIT HALL AND BALLROOM SHALL REMAIN. REMOVE ASSOCIATED RELAYS IN DIMMER WIREWAY "H" AND USE WIREWAY AS SPLICE BOX.
7. REMOVE PHOTOCELL LOCATED ON ROOF SERVING REMOVED EXTERIOR LIGHTS.
8. REMOVE TELEPHONE CABINET AND WIRING BACK TO TELEPHONE BACKBOARD.

ROOM NO.	ROOM NAME
250	SOUND/LIGHT CONTROL
251	MECHANICAL
252	CORRIDOR
253	STORAGE
254	STORAGE
255	CORRIDOR
256	LOUNGE
257	M. TOILET
258	LOUNGE
259	LOUNGE
260	W. TOILET
261	JANITOR
262	STAGING
263	MEETING ROOM
264	MEETING ROOM
265	CORRIDOR
266	MECHANICAL
267	MECHANICAL
268	MEETING ROOM
269	CORRIDOR
270	MEETING ROOM
271	CORRIDOR
272	MEETING ROOM
273	BOARD/CONFERENCE
274	BOARD/CONFERENCE
275	BALCONY
276	BOARD/CONFERENCE
277	A/V STORAGE
278	BALCONY

105-4 105-4

24 24

SECOND FLOOR PLAN - AREA "B" REMOVALS

1/8" = 1'-0"

A B C D

STATE OF OHIO
29857 T. J. FERDELMAN
T. E. MONNIG 20705
R. J. WOHLING 33046
R. J. PEARSON 34483
R. H. WIBKER 41304
REGISTERED PROFESSIONAL ENGINEERS

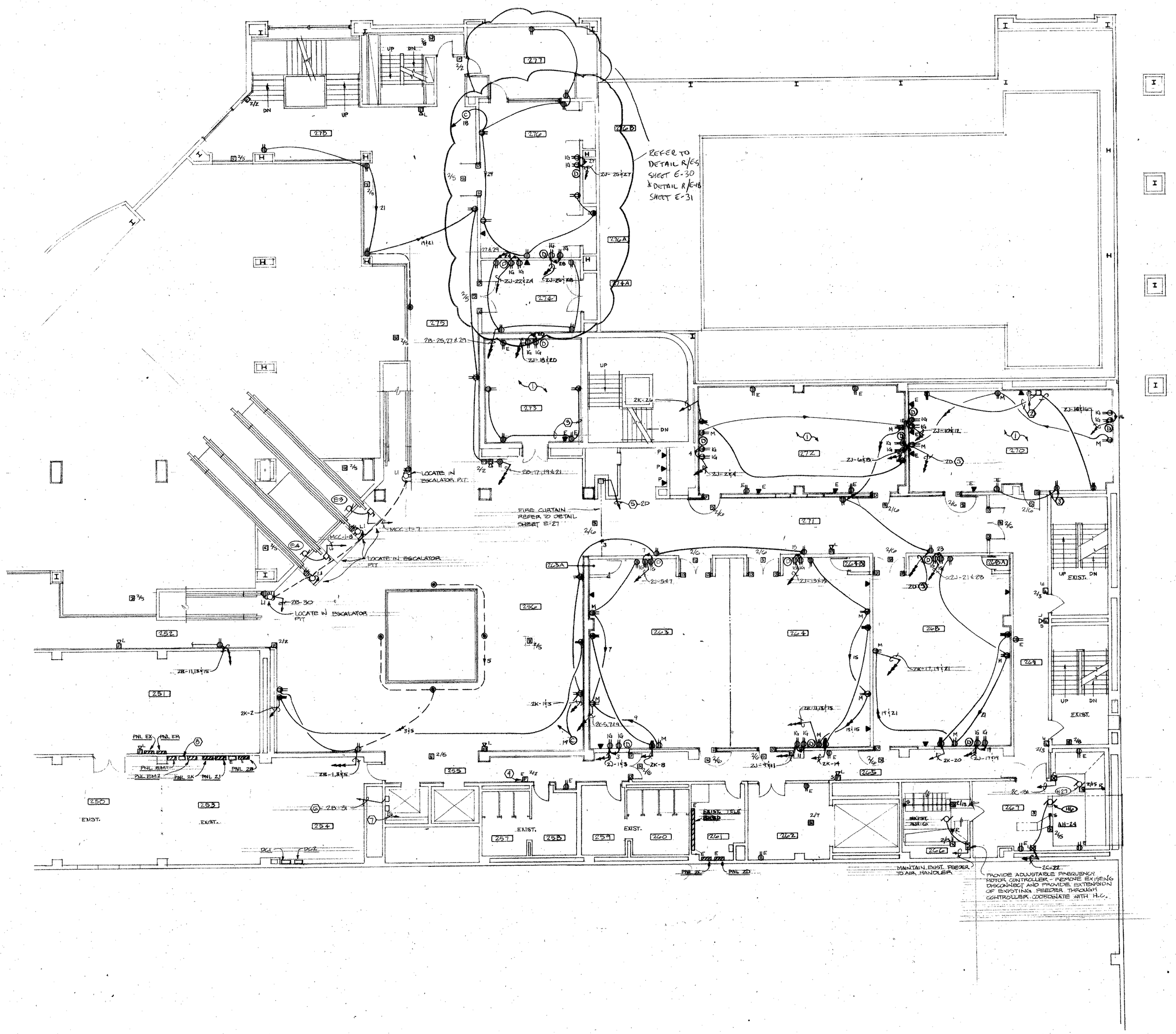
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REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING

DATE 6-9-86
DRAWN BY MTB
CHECKED BY MBY
PROJECT NO. 5741.00



NOTES

1. PROVIDE EXTENSION FITTINGS ON ALL EXISTING DEVICES SHOWN TO REMAIN WITHIN THIS ROOM/ON THIS WALL, SUCH THAT DEVICE IS FLUSH WITH NEW SURFACE OF FURRED-OUT WALL.
2. PROVIDE EXTENSION OF EXISTING 60A FEEDER FROM DEVICE (TO BE REMOVED) TO 60 RECEPTACLES; LOCATE JUNCTION BOX ABOVE THE LAY-IN CEILING.
3. PROVIDE EXTENSION OF EXISTING 20A CIRCUIT FROM EXISTING DEVICE TO NEW DEVICE AS INDICATED.
4. REMOUNT EXISTING SURFACE MOUNTED PULL STATION ON NEW FURRED-OUT WALL SURFACE - ZONE AS INDICATED.
5. SERVE CIRCUIT(S) FROM SPARE 20A/1P, 120V BREAKER(S) IN EXISTING 225A, 208Y/120V BRANCH CIRCUITRY PANEL 2D.
6. PROVIDE 120 VOLT, 1P 20A OUTLET AT MID-POINT IN ELEVATOR SHAFT TO SERVE LIGHTS ON THE ELEVATOR. COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER.
7. PROVIDE TELEPHONE CONDUIT FROM ROOM 261 TO MID-POINT OF ELEVATOR SHAFT. COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER.
8. 15 KVA, 480V-208Y/120V, 3 PHASE, 4 WIRE TRANSFORMER. REFER TO SINGLE LINE DIAGRAM, SHEET E-26.

ROOM NO.	ROOM NAME
250	SOUND/LIGHT CONTROL
251	MECHANICAL
252	CORRIDOR
253	STORAGE
254	STORAGE
255	CORRIDOR
256	LOUNGE
257	M. TOILET
258	LOUNGE
259	LOUNGE
260	W. TOILET
261	JANITOR
262	STAGING
263	MEETING ROOM
264	MEETING ROOM
265	CORRIDOR
266	MECHANICAL
267	MECHANICAL
268	MEETING ROOM
269	CORRIDOR
270	MEETING ROOM
271	CORRIDOR
272	MEETING ROOM
273	BOARD/CONFERENCE
274	BOARD/CONFERENCE
275	BALCONY
276	BOARD/CONFERENCE
277	A/V STORAGE
278	BALCONY

SECOND FLOOR PLAN - AREA "B" POWER

1/8" = 1'-0"

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
T. J. FENDELMAN
T. E. WOMMACK 35710
R. J. WEHLING 33949
R. J. PEARSON 34481
R. R. WEBER 41260

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1 12-1-88 RECORD DRG. REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
(513) 223-1181

DATE 6-7-86
DRAWN BY MTB
CHECKED BY MBY
PROJECT NO. 5741I.00

E-14

405-1 | 405-1

1. Note No. 1 - add Switch "h" to list of 600 watt dimmers.
2. Note No. 2 - Switches "c" and "d" shall be Hunt No. SC-15, 1500 watt, 120 volt, double gang. (Rest of note as is.)
3. Note No. 5 - Switch "c" shall be Hunt No. SC-10, 1000 watt, 120 volt, single gang. (Rest of note as is.)

Provide 8 HZ exterior H.I.D. lighting fixtures over transformer vault, two fixtures centered 8 ft. apart in each of four canopy areas between walls/columns (reference Sheet A21), approximately 4 ft. from face of building. Serve fixtures from 20 amp, 277 volt spare breaker in Panel 1Q. Control of fixtures shall be thru astronomic time switch #2, Pole #2 (reference Addendum No. 1, Item 4a, and Addendum No. 2, Item 7.2).

BULLETIN No. 11

REFER TO DETAIL R/E-6, SHEET E-30 AND R/E-19, SHEET E-31

PROVIDE POWER TO TRANSFORMERS SERVICING NEON LTG. IN SKYLIGHT BETWEEN 2ND & 3RD FLOOR LEVELS. TRANSFORMERS, MOUNTING, AND CONNECTIONS TO NEON BY OTHERS. COORDINATE WITH NEON SUPPLIER, INC. POWER REQUIREMENTS.

ZB - 2c & 9b

TO SWITCHES BY 1ST FLOOR RECEPTION AREA

ADDENDUM NO. 2

TO FIXTURES BELOW (TYP.)

NOTES - ○

1 PROVIDE THE FOLLOWING INCANDESCENT SLIDE DIMMER SWITCHES, SIZED AS INDICATED, FOR THE SWITCHES AS LISTED:
HUNT NO. SC-6, 600W, 120V, SINGLE GANG - SWITCHES b, e, k, l.
HUNT NO. SC-15, 1500W, 120V, DOUBLE GANG - SWITCHES c, d, i, j.

2 PROVIDE THE FOLLOWING INCANDESCENT SLIDE DIMMER SWITCHES, SIZED AS INDICATED, FOR THE SWITCHES AS LISTED:
HUNT NO. SC-6, 600W, 120V, SINGLE GANG - SWITCHES b, e.
HUNT NO. SC-10, 1000W, 120V, SINGLE GANG - SWITCHES c, d.

3 SWITCH b SHALL BE INCANDESCENT SLIDE DIMMER SWITCH - HUNT NO. SC-15, 1500W, 120V, DOUBLE GANG.

4 SWITCH c SHALL BE INCANDESCENT SLIDE DIMMER SWITCH - HUNT NO. SC-6, 600W, 120V, SINGLE GANG.

5 SWITCHES b, c, d SHALL BE INCANDESCENT SLIDE DIMMER SWITCHES - HUNT NO. SC-6, 600W, 120V, SINGLE GANG.

6 PROVIDE EXTENSION OF EXISTING CIRCUITRY TO NEW CORRIDOR LIGHTING FIXTURES. NEW FIXTURES SHALL BE SWITCHED SEPARATELY.

7 PROVIDE 3-WAY KEYED SWITCH AND EXTEND SWITCHLEG TO EXISTING CORRIDOR FIXTURES.

8 CORRIDOR LIGHTING FIXTURES SHALL BE SWITCHED FROM TWO POINTS AS SHOWN - PROVIDE EXTENSION OF EXISTING CIRCUITRY.

9 COORDINATE POSITIONING OF SPEAKERS IN CEILING TILE WITH SPRINKLER HEADS.

10 PROGRAMMABLE MASTER STATION FOR DIMMING SYSTEM OF INCANDESCENT LIGHTING FIXTURES IN EXHIBIT HALL AND BALLROOM BY STRAND CENTURY NO. 7400. SURFACE MOUNT AT 4'-0" A.F.F.

11 SWITCHES SHALL CONTROL CORRIDOR 271 LIGHTING FIXTURES.

12 SERVE CIRCUIT FROM SPARE 20A, 1P, 120V BREAKER IN EXISTING 225A, 208Y/120V BRANCH CIRCUITRY PANEL "2D".

13 REFER TO NOTE 17, SHEET E-20; AND TO NOTES 5 AND 6, SHEET E-22.

ROOM NO.	ROOM NAME
250	SOUND/LIGHT CONTROL
251	MECHANICAL
252	CORRIDOR
253	STORAGE
254	STORAGE
255	CORRIDOR
256	LOUNGE
257	M. TOILET
258	LOUNGE
259	LOUNGE
260	W. TOILET
261	JANITOR
262	STAGING
263	MEETING ROOM
264	MEETING ROOM
265	CORRIDOR
266	MECHANICAL
267	MECHANICAL
268	MEETING ROOM
269	CORRIDOR
270	MEETING ROOM
271	CORRIDOR
272	MEETING ROOM
273	BOARD/CONFERENCE
274	BOARD/CONFERENCE
275	BALCONY
276	BOARD/CONFERENCE
277	A/V STORAGE
278	BALCONY

SECOND FLOOR PLAN - AREA "B" LIGHTING AND SOUND SYSTEM

1/8" = 1'-0"

405-2 | 405-2
405-3 | 405-3

24 24
1

STATE OF OHIO
20867 T. J. FRIDELMAN
T. E. MONNIG 26790
D. J. WERLING 32845
R. J. PEARSON 34483
R. R. WIBKER 41585
REGISTERED PROFESSIONAL ENGINEER

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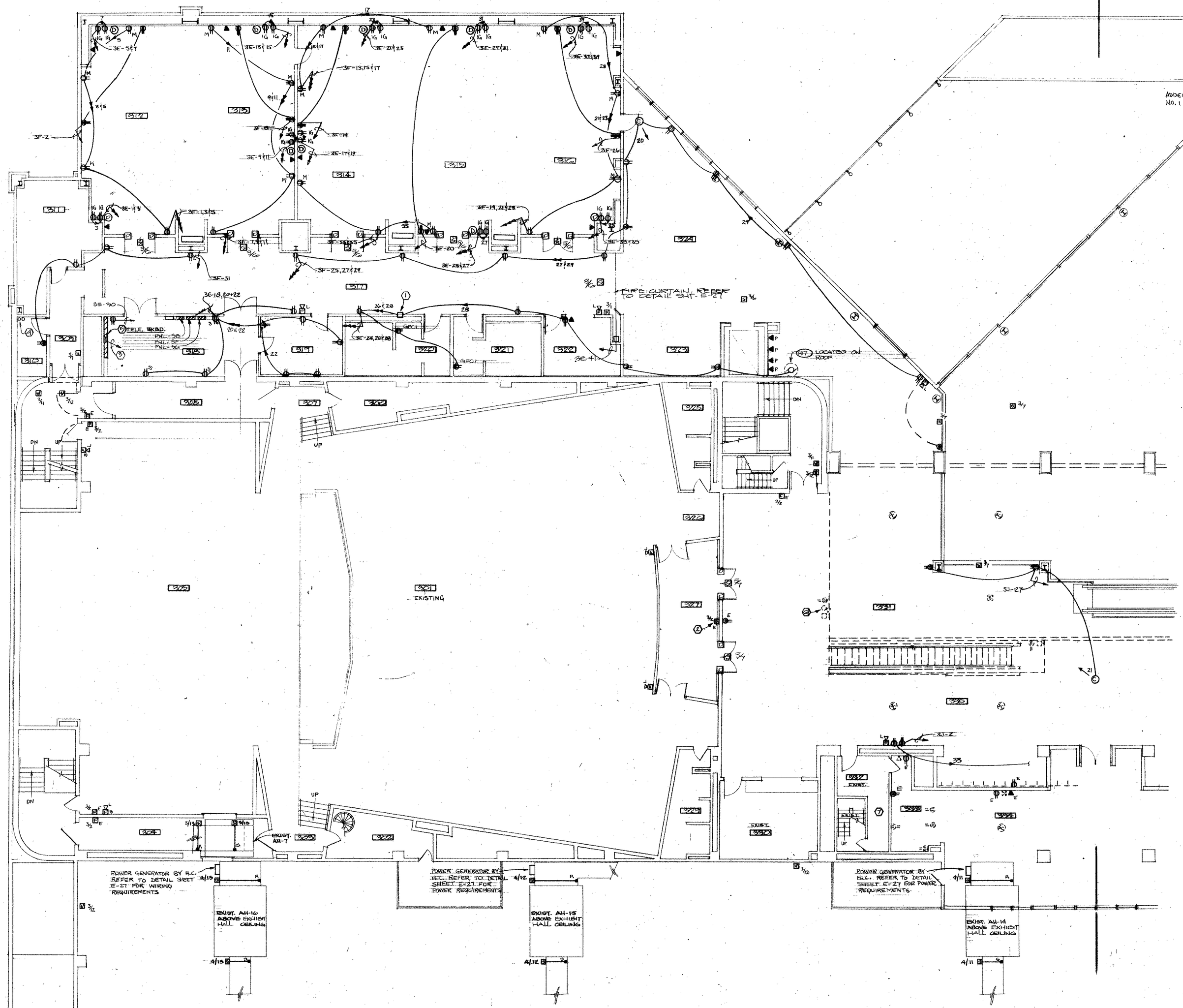
RENOVATION AND EXPANSION OF
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SHEET 16

A B C D



NOTES

1. COORDINATE EXACT POSITIONING OF RECEPTACLE (FOR CORD AND PLUG) OR JUNCTION BOX (FOR DIRECT WIRING) WITH INSTALLATION OF WATER COOLER FOR WHICH IT SERVES.
2. REMOUNT EXISTING SURFACE MOUNTED PULL STATION ON NEW FURRED-OUT WALL SURFACE - REZONE AS INDICATED.
3. EXTEND ONE 2" CONDUIT FOR FUTURE DATA CABLE FROM BACKBOARD TO SECOND FLOOR EQUIPMENT ROOM 232.
4. 2-2" CONDUIT SLEEVES STUBBED UP FROM FLOOR BELOW. SEE SHEET E11, NOTE 7.
5. MOUNT 4 FT. X 8 FT. TELEPHONE BACKBOARD HORIZONTALLY 24" A.F.F.
6. REMOVE SECURITY CAMERA - REFER TO SPECIFICATIONS FOR RELOCATION.

ADDENDUM No. 1 — 7. Refer to Sketch A1-E1 for power requirements in V.I.P. bar, Room 333. This work shall be provided in addition to that shown on Sheet E-16. SKETCH ON SHEET E-29.

ROOM NO.	ROOM NAME
301	THEATER
302	PASSAGE
303	WING
304	CORRIDOR
305	STAGE
306	STORAGE
307	WING
308	CORRIDOR
309	CORRIDOR
310	JANITOR
311	STORAGE
312	MEETING ROOM
313	MEETING ROOM
314	MEETING ROOM
315	MEETING ROOM
316	MEETING ROOM
317	CORRIDOR
318	STORAGE
319	PANTRY
320	W. TOILET
321	M. TOILET
322	COATS
323	LOUNGE
324	LOUNGE
325	W. TOILET
326	ALCOVE
327	VESTIBULE
328	ALCOVE
329	M. TOILET
330	COATS
331	WEST PREFUNCTION
332	CORRIDOR
333	BAR
334	VIP LOUNGE
335	SOUTH PREFUNCTION

THIRD FLOOR PLAN - AREA "A" POWER

1/8" = 1'-0"

STATE OF OHIO
28867 T. J. FERDELMAN
T. E. MONNIG 28704
R. J. WERLING 33665
R. J. PEARSON 34465
R. R. WIRICH 41380
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Dayton, Ohio
45402

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E-16

406-1 | 406-1

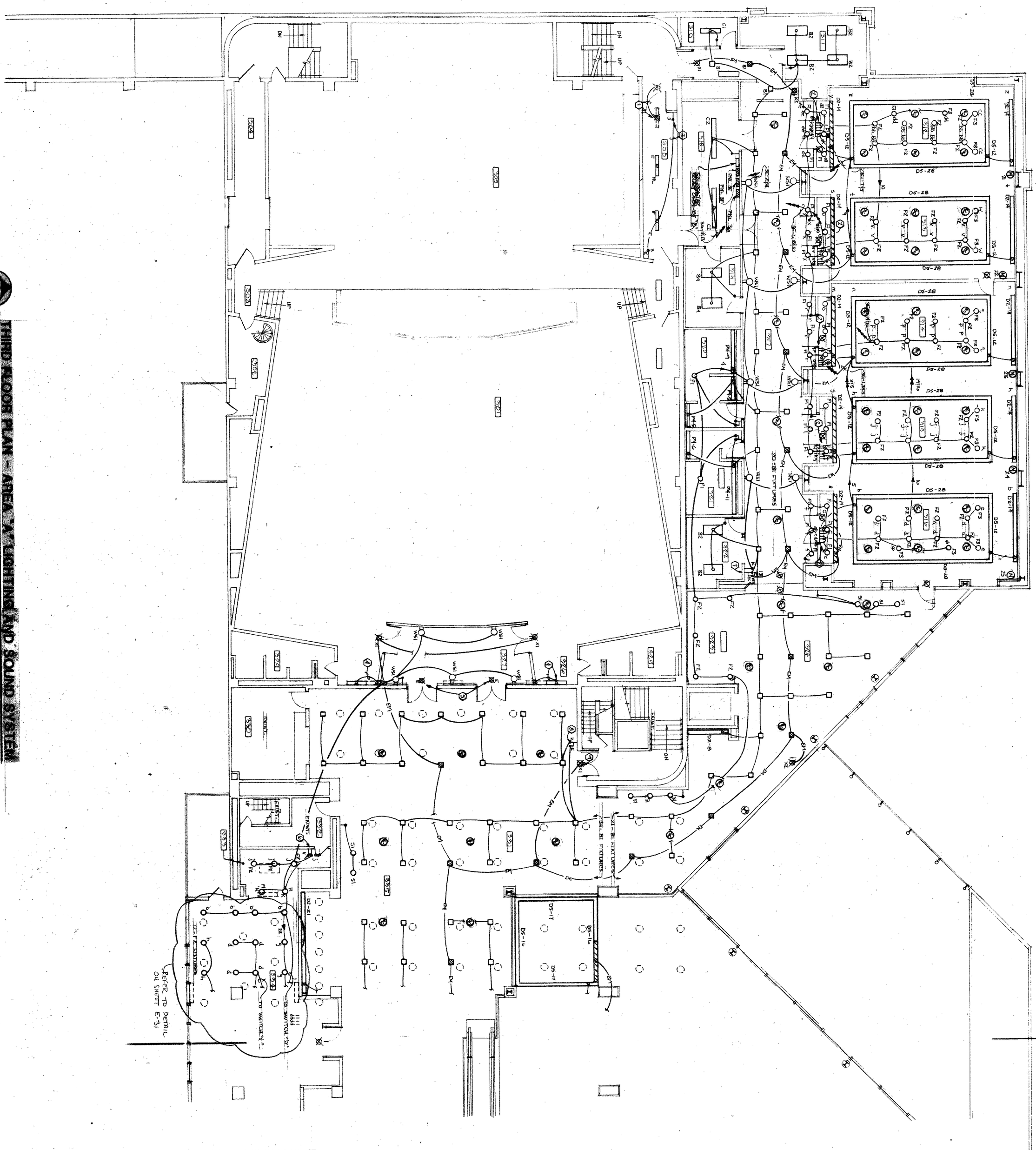
3-A-5/16
3-26
26

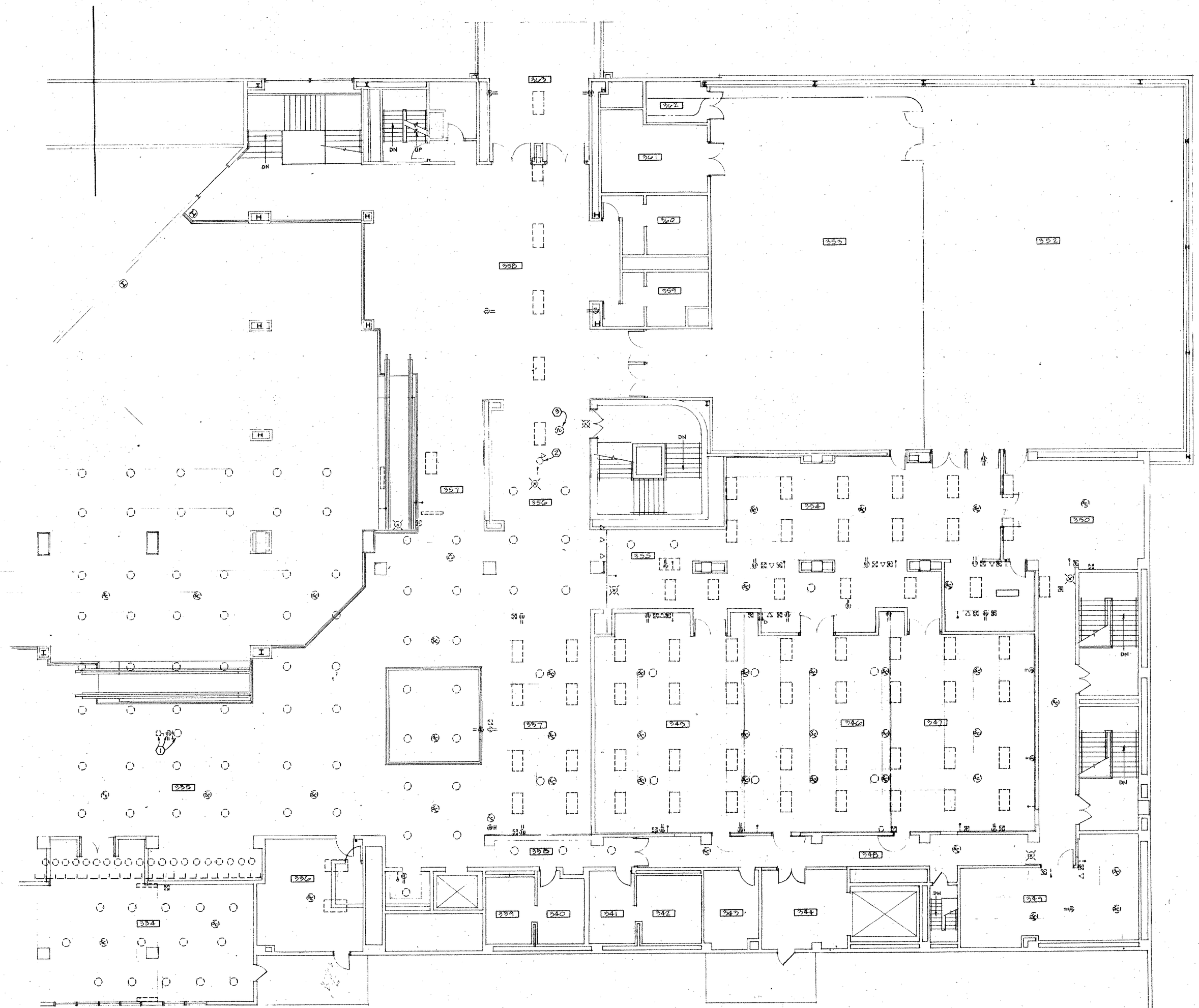
33A LIGHTING
1 26 **26**

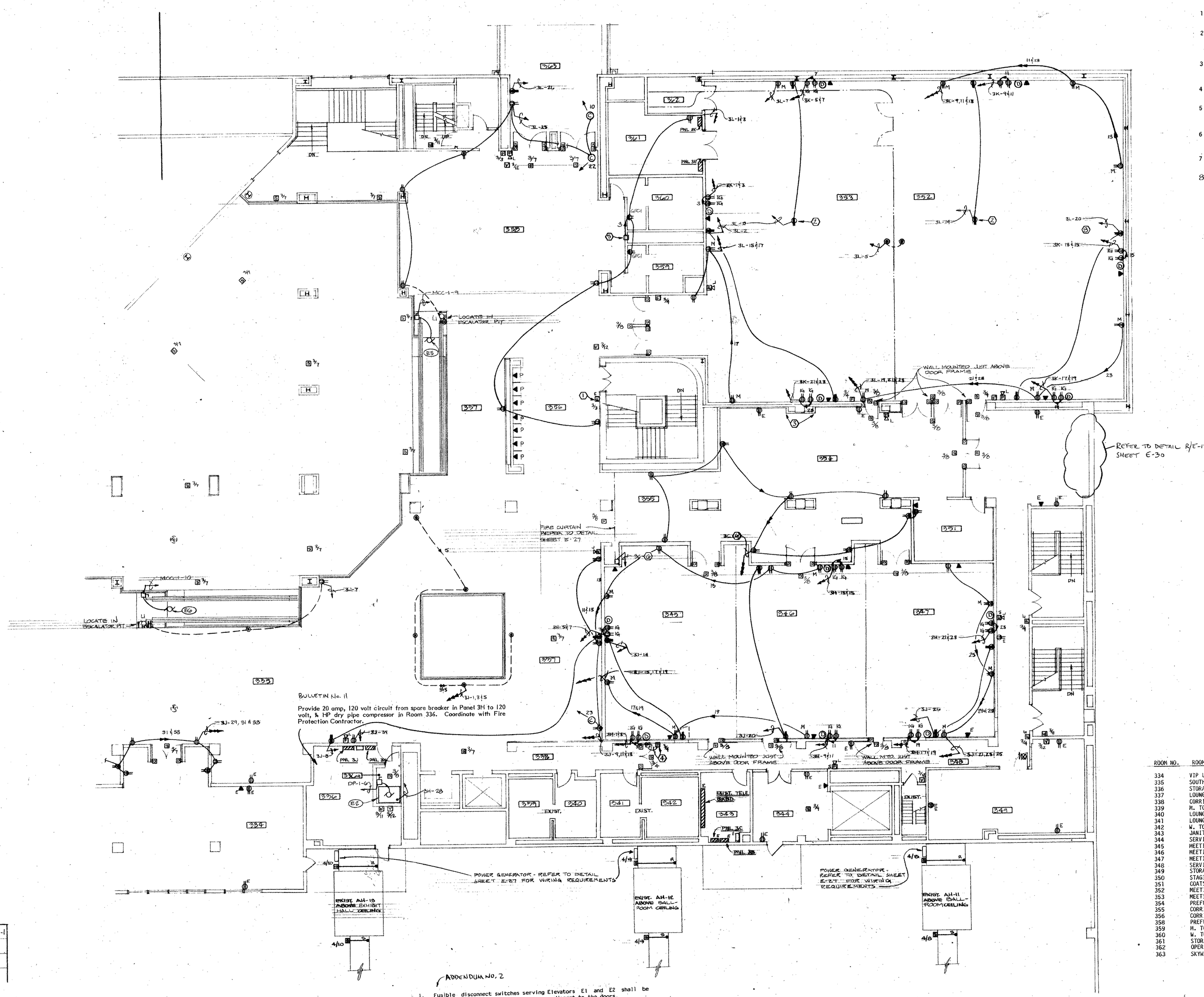
		406-3	406-2
		406-3	406-2

THIRD FLOOR PLAN - AREA 'A' LIGHTING AND SOUND SYSTEM

1/8" = 1'-0"




DN
UP
DN
DN
DN



NOTES - ○

1. REMOUNT EXISTING SURFACE MOUNTED PULL STATION ON NEW FURRED-OUT WALL SURFACE - ZONE AS INDICATED.
2. MOUNT DEVICE IN DRYWALL CEILING, FLUSH WITH SURFACE. DEVICE BOX SHALL BE MOUNTED INDEPENDENT OF DRYWALL CEILING, AND RIGIDLY SUPPORTED TO SUSTAIN WEIGHT OF FLOOR TO CEILING CORD LENGTH.
3. PROVIDE EXTENSION FITTINGS ON ALL EXISTING DEVICES REMAINING ON THIS WALL SUCH THAT DEVICE IS MADE FLUSH WITH NEW FURRED-OUT WALL SURFACE.
4. RELOCATE F.A. PULL STATION TO CLEAR DOOR SWING - ZONE AS INDICATED.
5. COORDINATE MOUNTING OF RECEPTACLE (FOR CORD AND PLUG) OR JUNCTION BOX (FOR DIRECT WIRING) WITH INSTALLATION OF WATER COOLER FOR WHICH IT SERVES.
6. SERVE CORRIDOR CIRCUITS FROM SPARE 20A, 1P, 120V BREAKERS IN EXISTING 225A, 208Y/120V BRANCH CIRCUITRY PANEL 3C.
7. PROVIDE 120V, 1P, 20A CIRCUIT TO ELEVATOR CONTROL PANEL.
8. BULLETIN No. 15
   Extend circuit from spare 20A breaker in Panel 3K to 15A, 120V motorized projection screen in Room 352, mount 3 position equipment supplied switch in Storage Room 361 adjacent to double doors (4'-0" M.H.) and provide wiring to projection screen.
   (ALTERNATE)
   Extend Circuit 3L-13 (from wall mounted receptacles) to 3.1 amp, 120 volt projection screen. Mount 3 position switch (by E.S.) on wall near screen (4'-0" M.H.).

ROOM NO.	ROOM NAME
334	VIP LOUNGE
335	SOUTH PREFUNCTION
336	STORAGE
337	LOUNGE
338	CORRIDOR
339	M. TOILET
340	LOUNGE
341	LOUNGE
342	W. TOILET
343	JANITOR
344	SERVICE
345	MEETING ROOM
346	MEETING ROOM
347	MEETING ROOM
348	SERVICE CORRIDOR
349	STORAGE
350	STAGING
351	COATS
352	MEETING ROOM
353	MEETING ROOM
354	PREFUNCTION
355	CORRIDOR
356	CORRIDOR
358	PREFUNCTION
359	M. TOILET
360	W. TOILET
361	STORAGE
362	OPER. WALL STORAGE
363	SKYWALK

THIRD FLOOR PLAN - AREA "B" POWER

1/8" = 1'-0"

STATE OF OHIO
28857 T. J. PRINDLEMAN
T. E. MONNIG 26764
R. J. WERLING 32964
R. J. PEARSON 54487
R. R. WEBER 41585
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E-19

3388 WRIGHT KING

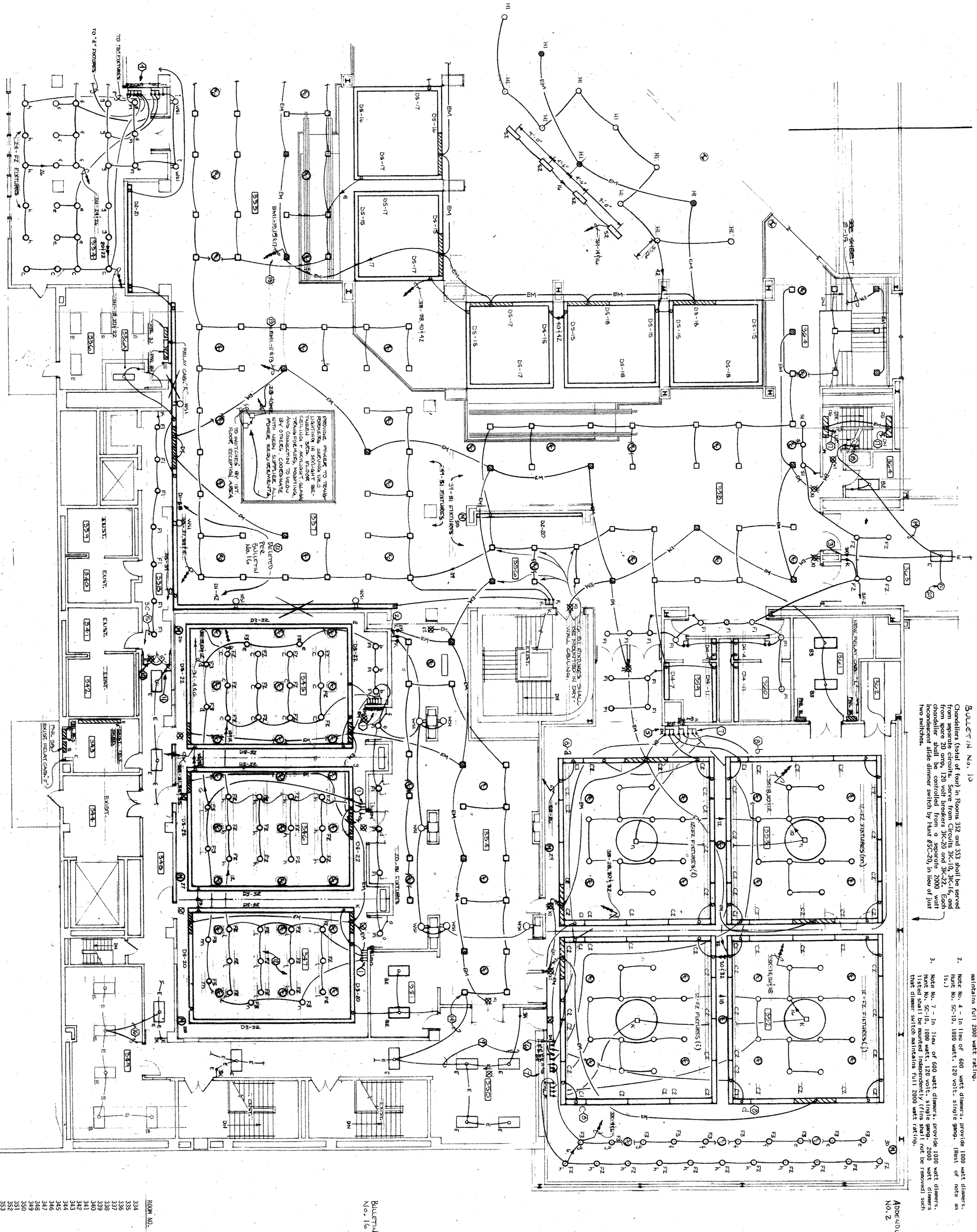
			407-2
			407-3

407-2 401-2
407-3 401-3

28

THIRD FLOOR PLAN - AREA 'B' LIGHTING AND SOUND SYSTEM

1/8" = 1'-0"



BULLETIN No. 15

Chandeliers (total of four) in Rooms 352 and 353 shall be served from separate circuits. Serve from Circuits 3K-10, 3K-16, and 3K-20 and 3K-22. Each chandelier shall be controlled from a separate 2000 watt incandescent slide dimmer switch by Hunt #SC-20, in lieu of just two switches.

1. Switches c, h, and l indicated in Note 1 shall be mounted independently (fins shall not be removed) such that dimmer switch maintains full 2000 watt rating.
2. Note No. 4 - In lieu of 600 watt dimmers, provide 1000 watt dimmers. Hunt No. SC-10, 1000 watt, 120 volt, single gang. (Rest of note as is.)
3. Note No. 7 - In lieu of 600 watt dimmers, provide 1000 watt dimmers. Hunt No. SC-10, 1000 watt, 120 volt, single gang. 2000 watt dimmers listed shall be mounted independently (fins shall not be removed) such that dimmer switch maintains full 2000 watt rating.

ADDENDUM No. 2

BULLETIN No. 16

ROOM NO.	ROOM NAME
334	VIP LOUNGE
335	SOUTH PREFUNCTION
336	STORAGE
337	LOUNGE
338	CORRIDOR
339	M. TOILET
340	LOUNGE
341	LOUNGE
342	W. TOILET
343	JANITOR
344	SERVICE
345	MEETING ROOM
346	MEETING ROOM
347	MEETING ROOM
348	SERVICE CORRIDOR
349	STORAGE
350	STAGING
351	COATS
352	MEETING ROOM
353	MEETING ROOM
354	PREFUNCTION
355	CORRIDOR
356	CORRIDOR
358	PREFUNCTION
359	M. TOILET
360	W. TOILET
361	STORAGE
362	OPER. WALL STORAGE
363	SKYWALK

NOTES - ⬡

1. PROVIDE THE FOLLOWING INCANDESCENT SLIDE DIMMER SWITCHES, SIZED AS INDICATED, FOR THE SWITCHES AS LISTED:
   HUNT NO. SC-6, 600W, 120V, SINGLE GANG - SWITCHES b, d, e, i, m, n.
   HUNT NO. SC-20, 2000W, 120V, DOUBLE GANG - SWITCHES c, h, l.
2. KEYED SWITCHES TO CONTROL LIGHTING FIXTURES IN AREAS 355, 354, 345, 347a.
3. PROVIDE 3-WAY KEYED SWITCH TO CONTROL EXISTING SKYWAY LIGHTING FIXTURES - EXTEND SWITCHLEG TO EXISTING CIRCUITRY.
4. PROVIDE THE FOLLOWING INCANDESCENT SLIDE DIMMER SWITCHES, SIZED AS INDICATED, FOR THE SWITCHES AS LISTED:
   HUNT NO. SC-6, 600W, 120V, SINGLE GANG - SWITCHES a, b, c, d, e.
   HUNT NO. SC-15, 1500W, 120V, DOUBLE GANG - SWITCHES f, g, h.
5. SWITCH SHALL OPERATE LIGHTING FIXTURES ON EMERGENCY CIRCUIT IN ROOM 353 ONLY.
6. SWITCH SHALL OPERATE LIGHTING FIXTURES ON EMERGENCY CIRCUIT IN ROOM 352 ONLY.
7. PROVIDE THE FOLLOWING INCANDESCENT SLIDE DIMMER SWITCHES, SIZED AS INDICATED, FOR THE SWITCHES AS LISTED:
   HUNT NO. SC-6, 600W, 120V, SINGLE GANG - SWITCHES e, f, g.
   HUNT NO. SC-20, 2000W, 120V, DOUBLE GANG - SWITCHES h, i, j, k, l, m, n.
8. COORDINATE MOUNTING OF FIXTURE WITH CONSTRUCTION OF COVE BY G.C.
9. PROVIDE 3-WAY KEYED SWITCH AND EXTEND SWITCHLEG TO EXISTING FIXTURES. RECIRCUIT FIXTURES TO EXISTING CORRIDOR LIGHTING CIRCUIT SUCH THAT FIXTURES ARE SWITCHED WITH CORRIDOR FIXTURES.
10. RELOCATE EXISTING EXIT LIGHT AS REQUIRED - PROVIDE EXTENSION OF EXISTING CIRCUITRY.
11. PROVIDE 3-WAY KEYED SWITCH AND EXTEND SWITCHLEG TO EXISTING FIXTURES.
12. COORDINATE LOCATION OF A SPEAKER IN CEILING PAD WITH SPRINKLER HEAD INSTALLATION.
13. EXIT LIGHTS ON THIRD FLOOR SHALL BE SERVED BY ONE CIRCUIT, EM1-13.
14. PROVIDE EXTENSION OF EXISTING CIRCUITRY TO NEW CORRIDOR LIGHTING FIXTURES. NEW FIXTURES SHALL BE SWITCHED SEPARATELY.
15. SERVE CORRIDOR LIGHTING CIRCUIT FROM SPARE 20A, 1P, 120V BREAKER IN EXISTING 225A, 208Y/120V BRANCH CIRCUITRY PANEL 3C.
16. PROVIDE NEW SWITCH TO CONTROL ALL EXISTING LIGHTING FIXTURES IN THIS ROOM - PROVIDE EXTENSION OF CORRIDOR LIGHTING CIRCUIT, AND RECIRCUIT FIXTURES AS INDICATED.
17. SEVEN OF THE TEN D6 LIGHTING FIXTURES IN THIS STAIRWELL SHALL BE ON ONE EMERGENCY CIRCUIT.
18. TO FIXTURES ABOVE - REFER TO SHEET E-22, NOTE 6. CIRCUIT TO THIRD FLOOR LIGHTING FIXTURES AS INDICATED.
19. PROVIDE EXTENSION OF EXISTING CIRCUITRY TO NEW FIXTURES - WIRE AHEAD OF PHOTOCELL SERVING SKYWALK FIXTURES.
20. PHOTOCELL TO CONTROL SKYWALK LIGHTING FIXTURES, TORK NO. 2104. LOCATE ON ROOF AWAY FROM INTERFERING LIGHT SOURCES.
21. **WSI fixtures shall be circuited to F1 fixtures in Corridor 338 in lieu of D1 circuit. Maintain wall switch in Area 356 to control WSI fixtures. F1 fixtures shall be switched separately from switch in 338 as shown on E20.**
22. The following revisions are for Rooms 345, 346 and 347. Increase width of gypsum soffit area along south wall and eliminate south row of acoustical ceiling as shown on attached Sketch R/AE-36. Add three (3) Prescolite CFR8-472 compact fluorescent recessed down lights with 2-PL9 compact fluorescent lamps, in each room. These lights shall be on the same circuit and switching as the D3 fixture.

Prescolite CFR8-472 fixtures shall have 277 volt HPF ballasts.

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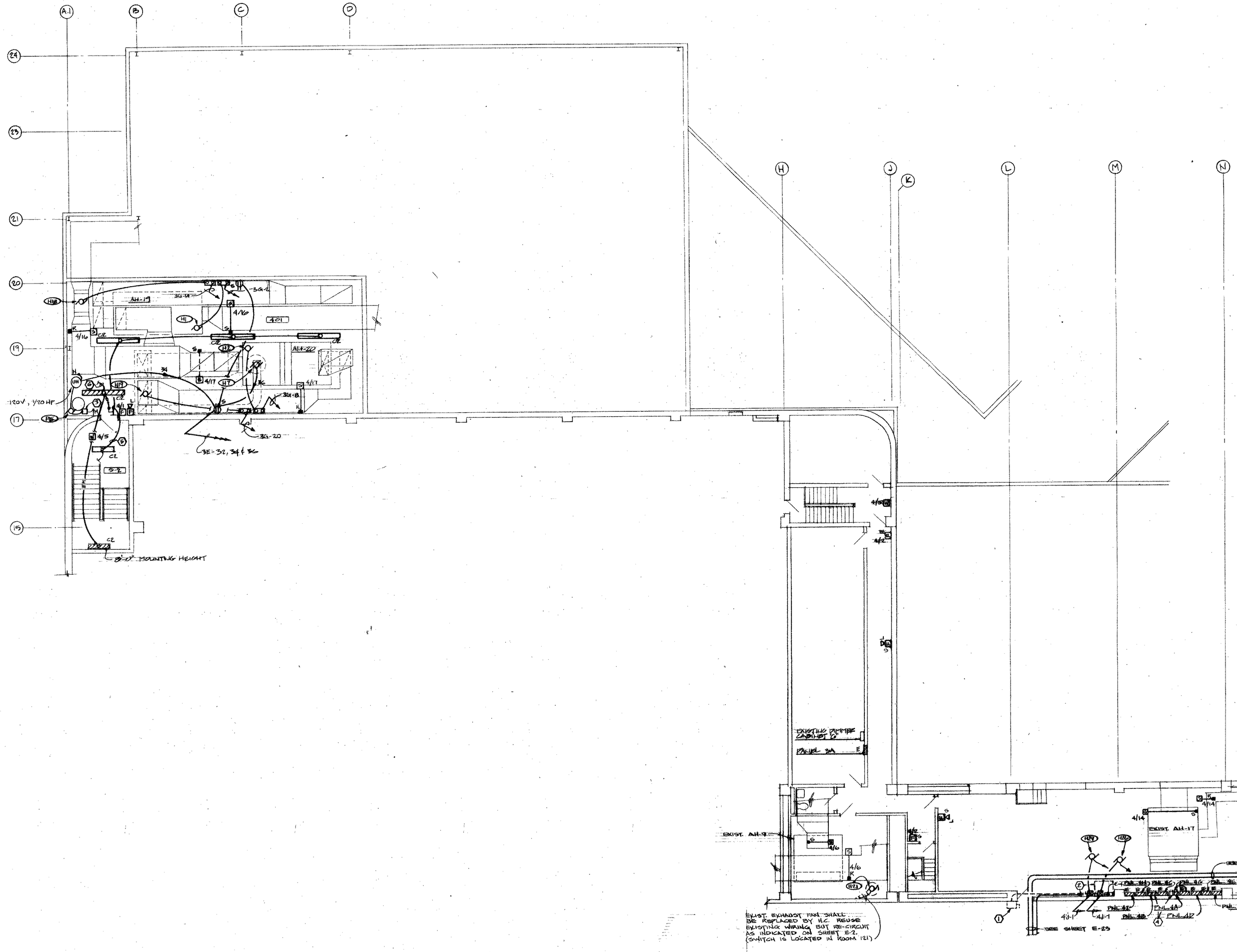
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⚠ 12-1-80 RECORD DRG. REVISIONS

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEERS
T. J. FERDELMAN 28867
J. E. MOENING 29766
R. J. PEARSON 34463
R. R. WEBER 41285

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RENOVATION AND EXPANSION OF
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DAYTON, OHIO

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PROJECT NO. 5741.00
E-20



ROOM NO.	ROOM NAME
401	MECHANICAL

NOTES -

1. REMOVE EXISTING 800A DISCONNECT SWITCH, FEEDER AND CONDUIT BACK TO THE 300 KVA TRANSFORMER - SEE NOTE 2.
2. 300 KVA 480-208Y/120V 3PH TRANSFORMER SHALL BE RELOCATED. REFER TO SHEET E-23, NOTE 4.
3. E.C. SHALL FURNISH A STRAP ON SURFACE CONTACT SWITCH FOR HOT WATER RECIRCULATING PUMP. THERMOSTAT SHALL BE PENN NO. A19D AC-1 OR APPROVED EQUAL BY HONEYWELL OR POWERS.
4. REMOVE EXISTING CONTACTORS SERVING INCANDESCENT LIGHTING CIRCUITS IN THE EXHIBIT HALL AND BALLROOM AND USE EXISTING BOXES AS SPLICE BOXES. CIRCUITS AS INDICATED ON SHEET E-23 SHALL BE DISCONNECTED FROM PANEL 4A AND 4B, AND EXTENSIONS SHALL BE PROVIDED FROM SPLICE BOXES TO PANELS DC1 AND DC2. SUGGESTED PATH OF CONDUITS - OVER TO EAST OF COLUMN LINE P AND DOWN THROUGH STORAGE ROOM 336 TO ROOM 254 TO PANELS DC1 AND DC2.
5. PROVIDE EXTENSION OF EXISTING STAIRWELL LIGHTING CIRCUIT SERVED BY PANEL 1A, AND TAKE TO NEW FIXTURES.
6. PROVIDE EXTENSION OF THIRD FLOOR EMERGENCY LIGHTING CIRCUIT EM1-13 TO LIGHTING FIXTURE.

FOURTH FLOOR PLAN – AREA "A" LIGHTING AND POWER

1/8" = 1'-0"

STATE OF OHIO
20057
T. J. FERDELMAN
D. E. MONNIG 25750
D. J. WERLING 35940
R. J. PEARSON 34487
R. R. WEBER 41395
REGISTERED PROFESSIONAL ENGINEERS

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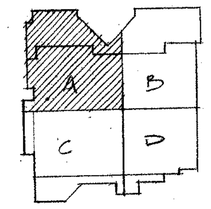
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DAYTON, OHIO

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24 North Jefferson Street
Dayton, Ohio
45402

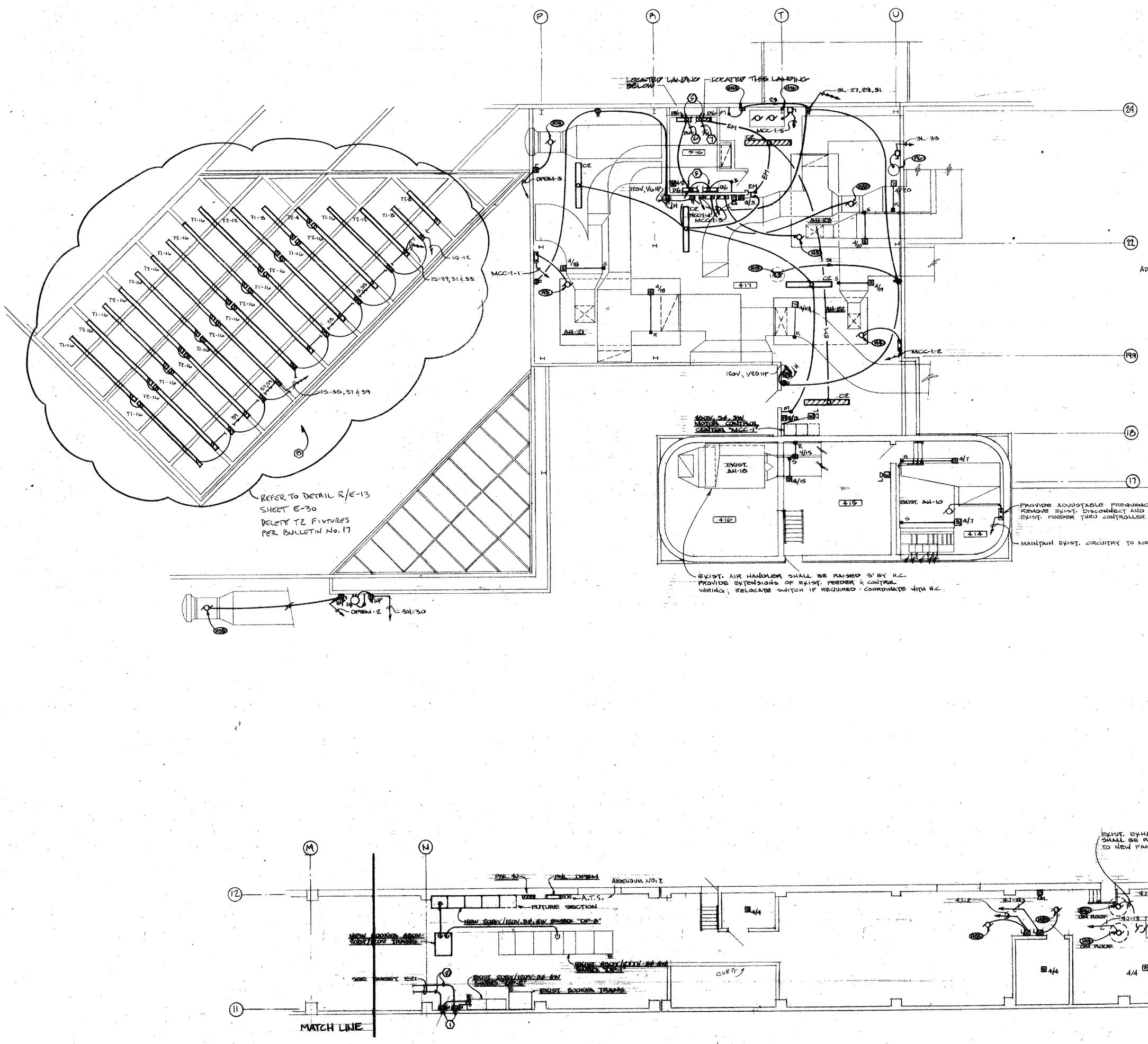
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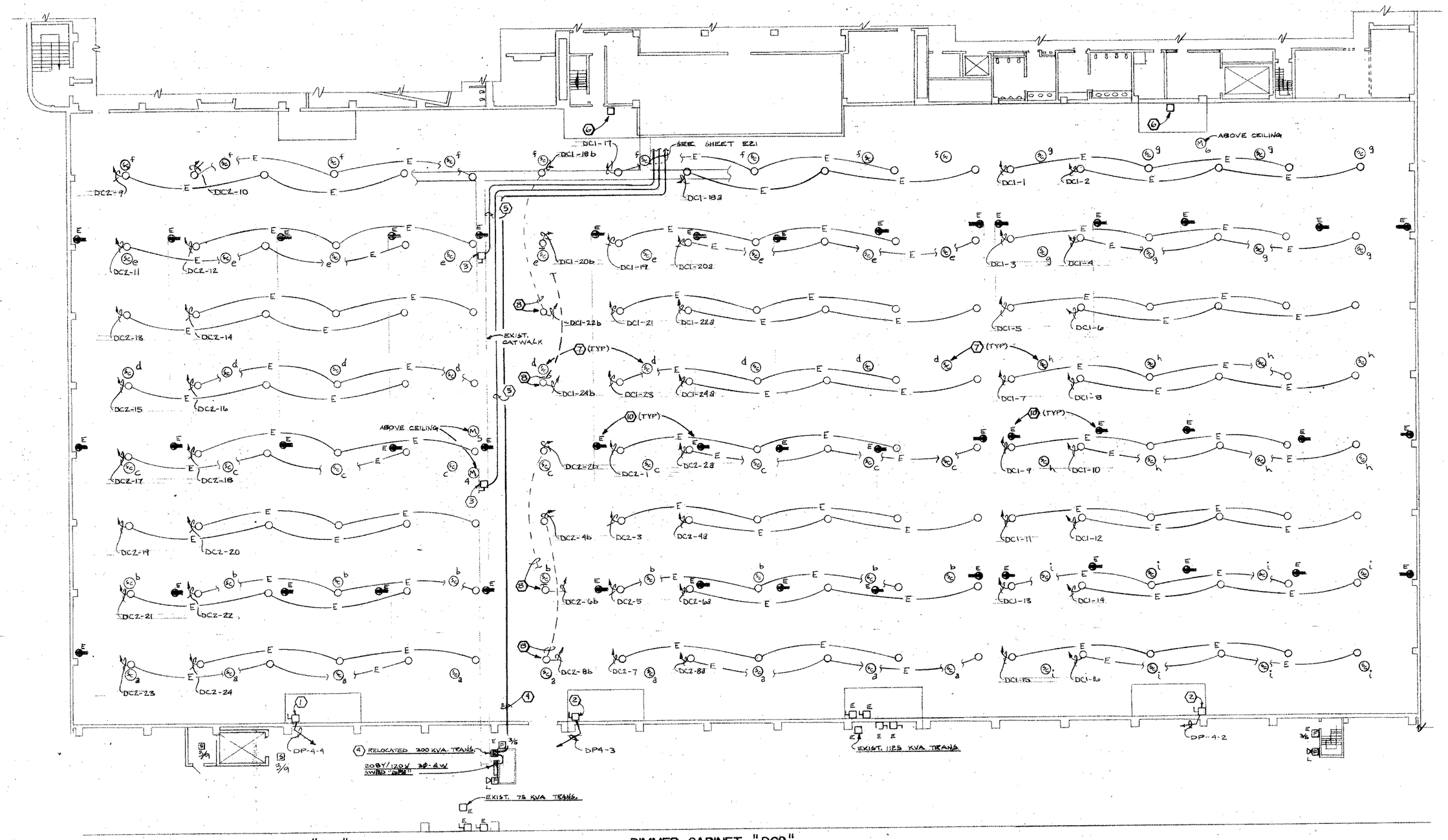
E-21





32A 32A
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LOCATED LAST ABOVE
LOCATED THIS LANDING
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3L-33
MCC-1-5
MCC-1-1
MCC-1-2
MCC-1-3
MCC-1-4
OPEM-5
OPEM-2
3H-30
AH-21
AH-22
AH-10
EXIST. AH-10
4/5
4/6
4/7
4/8
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4/54



DIMMER CABINET "DC1"

Position	Dimmer: Strand Century Catalog Number	Dimmer: Phase	Dimmer: Number	Dimmer: KW	20 amp GP Branch Breaker #7921	Load Circuits: Function	Load Circuits: Fixture Quantity (500 W EACH)	Circuit watts	Ckt No.
1	7512	A	1	2.4	DOES NOT APPLY	BALLROOM 162	3	1500	1
			2						2
2		B	3						3
			4						4
3		C	5						5
			6						6
4		A	7						7
			8						8
5		B	9						9
			10						10
6		C	11						11
			12						12
7		A	13						13
			14						14
8		B	15						15
			16						16
9	7515	C	17	1		EXHIBIT HALL 161			17
			18	1			1	500	18a
10		A	19	1			3	1500	18b
			20	1			3	1500	20a
11		B	21	1			1	500	20b
			22	1			3	1500	21
12		C	23	1			3	1500	22a
			24	1			1	500	22b
			25	1			3	1600	23
				1			3	1500	24a
				1			1	500	24b

DIMMER CABINET "DC2"

Position	Dimmer: Strand Century Catalog Number	Dimmer: Phase	Dimmer: Number	Dimmer: KW	20 amp GP Branch Breaker #7921	Load Circuits: Function	Load Circuits: Fixture Quantity (500 W EACH)	Circuit watts	Ckt No.
1	7518	A	1	2.4	1	EXHIBIT HALL 161	3	1500	1
			2		1		3	1500	2a
2		B	3		1		1	500	2b
			4		1		3	1500	3
3		C	5		1		3	1500	4a
			6		1		1	500	4b
4		A	7		1		3	1500	5
			8		1		3	1500	6a
5	7512	B	9		DOES NOT APPLY		1	500	6b
			10				3	1500	7
6		C	11				3	1500	8a
			12				1	500	8b
7		A	15				3	1500	9
			14						10
8		B	15						11
			16						12
9		C	17						13
			18						14
10		A	19						15
			20						16
11		B	21						17
			22						18
12		C	23						19
			24						20
									21
									22
									23
									24

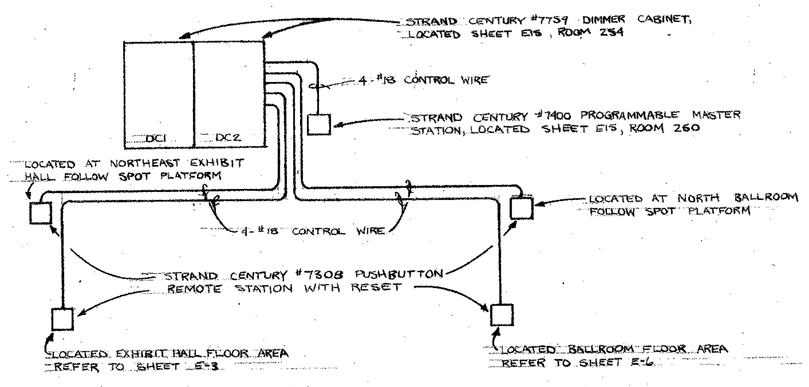


EXHIBIT HALL & BALLROOM DIMMING SYSTEM
SCALE: NONE

NOTES-O

1 PROVIDE 200A, 240V, 3P NON-FUSIBLE DISCONNECT SWITCH; MOUNT AT PLATFORM (4'-0" M.H.) ON BLOCK WALL (CUT ACOUSTIC WALL COVERING AS REQUIRED). REFER TO SCHEDULE FOR FEEDER SIZE.

2 PROVIDE 400A, 240V, 3P NON-FUSIBLE DISCONNECT SWITCH; MOUNT AT PLATFORM (4'-0" M.H.) ON BLOCK WALL (CUT ACOUSTIC WALL COVERING AS REQUIRED). REFER TO SCHEDULE FOR FEEDER SIZE.

3 PROVIDE 400A, 240V, 3P NON-FUSIBLE DISCONNECT SWITCH; MOUNT AT CATWALK (4'-0" M.H.) - PROVIDE UNISTRUT FOR MOUNTING TO EXISTING STRUCTURE.

4 RELOCATE 300 KVA 480-208Y/120V, 3PH TRANSFORMER FROM FOURTH FLOOR (NORTH) MECHANICAL/ELECTRICAL ROOM (SEE SHEET E-21) TO THIRD FLOOR (SOUTH) AS INDICATED. PROVIDE EXTENSION OF EXISTING FEEDER AND CONDUIT TO TRANSFORMER.

5 REFER TO SHEET E22, NOTE 2.

6 PROVIDE STRAND CENTURY NO. 7308 PUSHBUTTON REMOTE STATION WITH PRESET, MOUNT IN 2-GANG WALL BOX.

7 ALL EXISTING SPEAKERS AND WIRING SHALL BE REMOVED. NEW SPEAKERS SHALL BE INSTALLED IN SAME LOCATIONS AS REMOVED SPEAKERS. A TOTAL OF 78 SPEAKERS SHALL BE REMOVED, AND 78 NEW SPEAKERS INSTALLED.

8 LIGHTING FIXTURE SHALL BE DISCONNECTED FROM EXISTING CIRCUIT. PROVIDE EXTENSION OF NEW 20A, 120V CIRCUIT TO DIMMER CONTROL PANELS. RUN A SEPARATE NEUTRAL FOR EACH FIXTURE TO ELIMINATE INTERACTION BETWEEN DIMMERS.

9 EXISTING LIGHTING CIRCUITS EXTEND TO PANELS 4A AND 4B. CIRCUITS SHALL BE DISCONNECTED FROM THESE PANELS AND EXTENSIONS SHALL BE PROVIDED TO DIMMING CABINETS DC1 AND DC2. MAINTAIN SEPARATE NEUTRAL FOR EACH CIRCUIT. REFER TO SHEETS E21 AND E15.

10 ALTERNATE E-4 - EXISTING 60A ELECTRICAL GRID SYSTEM IN EXHIBIT HALL AND BALLROOM CONSISTS OF FORTY-FIVE (45) 60A, 3P, 208V OUTLETS MOUNTED ABOVE CEILING. OUTLETS ARE FACING AND MOUNTED CLOSE TO CEILING SUCH THAT CORD AND PLUG CONNECTION INTERFERES WITH CEILING METAL TILE SYSTEM NECESSITATING REMOVAL OF METAL TILE WHEN OUTLET IS IN USE. THIS CONTRACTOR SHALL REMEDY THIS SITUATION BY RELOCATING EXISTING DEVICES. BLANK-OFF EXISTING BOX AND PROVIDE NEW BOX AND REMOUNT EXISTING DEVICE SUCH THAT CORD WILL NOT INTERFERE WITH METAL TILE. COORDINATE WITH D.C.C. BOX SHALL BE RIGIDLY MOUNTED TO SUSTAIN WEIGHT OF 50 FT. CABLE.

EXHIBIT HALL - SPECIAL SYSTEMS
SCALE: NONE

E-23 E-23

NO. CKT. 41 | 1 OVER. #5

STATE OF OHIO
28907 T. J. PENDELMAN
T. E. MONNIG 35765
R. J. WERLING 32998
R. J. PEARSON 34483
R. R. WEBER 41295
REGISTERED PROFESSIONAL ENGINEER

PRINTING

REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN-PORTER-ASSOCIATES-INC
ARCHITECTURE PLANNING
21 North Jefferson Street
Dayton, Ohio 45402
513 224 1931

DATE 6-9-80
DRAWN BY ALM
CHECKED BY MBY
PROJECT NO. 57411.00

E-23

PANEL: 1C MOUNTING: EXIST.
CONNECTED LOAD: DEMAND LOAD:
MAINS: 480Y/277 V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	EXIST.	20-1	1 2	20-1	EXIST.	
			3 4			
			5 6			
			7 8			
			9 10			
		30-3	11 12	20-3		
			13 14			
			15 16			
		20-1	17 18	20-1		
			19 20			SPACE
SPACE			21 22			
			23 24			
			25 26	60-1	3.7-L	(7)(8)
			27 28		2.4-L	
			29 30		2.8-L	
			31 32		2.0-L	
			33 34	20-3	2.3-L	
			35 36		8.7-M	MONITOR LIGHTS
			37 38			(7)
			39 40			
			41 42			

PANEL: 1E (ROOM 128) MOUNTING: EXIST.
CONNECTED LOAD: DEMAND LOAD:
MAINS: 208Y/120 V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	EXIST.	20-1	1 2	20-1	EXIST.	
			3 4			
		30-3	5 6			
			7 8			
			9 10	30-3		
SPACE			11 12			
			13 14			
			15 16	20-1		
			17 18			SPACE
(6)	.6-R/L	20-1	21 22			
	.5-M		23 24	20-1	.5-C	(6)
	.15-R		25 26		1.0-L	
	.8-R		27 28		.5-C	
	.6-R		29 30		1.6-L	
	.6-R		31 32		1.6-L	
	.6-R		33 34		1.4-L	
	.4-R		35 36		1.2-L	
	.2-R		37 38		1.2-L	
	.2-R		39 40		1.2-L	
	.2-R		41 42		1.8-L	

PANEL: 1F (ROOM 128) MOUNTING: EXIST.
CONNECTED LOAD: DEMAND LOAD:
MAINS: 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	EXIST.	30-2	1 2	30-2	EXIST.	
			3 4			
		15-2	5 6	20-1		
			7 8			
		15-1	9 10			
		20-1	11 12			
		15-1	13 14			
		20-1	15 16			SPACE
		20-1	17 18	20-1	1.0 CCTV	
(4)(5)	4.9-M	30-3	19 20	30-3	6.5-M	(4)(5)
			21 22			
			23 24			
			25 26	20-1	.7-M	(10)
			27 28		.7-M	(9)
			29 30		.7-M	(11)
(A)(C)	.2-R	20-1	31 32		.6-R	
	.8-R/L		33 34		.8-R	
	.4-R		35 36		1.1-M	
	.10-R		37 38		.8-R	
	.2-R		39 40	30-2	3.1-M	(12)
	.2-R		41 42			(13)

PANEL: 1L MOUNTING: EXIST.
CONNECTED LOAD: DEMAND LOAD:
MAINS: 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	EXIST.	20-1	1 2	20-1	EXIST.	
			3 4			
		20-2	5 6	20-2		
			7 8			
		20-2	9 10	20-1		
		30-2	11 12			
			13 14			SPACE
SPACE HEATER (4)(5)	2.5-M	20-2	15 16			SPACE
			17 18			
			19 20			
			21 22			
			23 24			
			25 26	20-1	.6-L	
(HS)(5)	4.9-M	30-3	27 28		.8-L	
			29 30		.2-R	
			31 32		.8-R	
(HS)	.7-M		33 34		.8-R	
	1.0-M		35 36		1.2-R	
	1.0-M		37 38	60-3	5.5	
	.6-R		39 40			
	1.2-R		41 42			

PANEL: 1N MOUNTING: RECESSED
CONNECTED LOAD: DEMAND LOAD:
MAINS: 225A D.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	1.0-R/L	20-1	1 2	20-1		SPARE
	.2-R		3 4			
SPARE	1.0-M		5 6			
			7 8			
			9 10			
			11 12			
			13 14			
			15 16			
			17 18			
			19 20			
			21 22			
			23 24			
			25 26			
			27 28			
SPACE			29 30			SPACE
			31 32			
			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 1P MOUNTING: RECESSED
CONNECTED LOAD: DEMAND LOAD:
MAINS: 225A M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
SPARE		20-1	1 2	20-1		SPACE
			3 4			
			5 6			
			7 8			
			9 10			
			11 12			
			13 14			
			15 16			SPARE
			17 18			
			19 20			
			21 22			
			23 24			
			25 26			SPACE
			27 28			
SPACE			29 30			
			31 32			SPACE
			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 1Q MOUNTING: SURFACE
CONNECTED LOAD: 28.7 KW DEMAND LOAD: 26 KW (35A)
MAINS: 225 M.L.O. 480Y/277V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	8.3-L	20-1	1 2	20-1	3.6-L	
	3.0-L		3 4		3.9-L	
	2.9-L		5 6		2.6-L	
	3.4-L		7 8		1.4-L	
	2.1-L		9 10		1.3-L	
	5.3-L		11 12		2.6-L	
	2.6-L		13 14		2.6-L	
	3.4-L		15 16			SPARE
SPACE			17 18			
			19 20			
			21 22			
			23 24			
			25 26			SPACE
			27 28			
			29 30			
			31 32			
			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 1R MOUNTING: SURFACE
CONNECTED LOAD: 17 KW DEMAND LOAD: 8.5 KW (24A)
MAINS: 225A D.L.O. 208Y/120Y 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	.6-R	20-1	1 2	20-1	.6-R	
	.6-R		3 4		.6-R	
	.6-R		5 6		.6-R	
	.6-R		7 8		.2-R	
	.6-R		9 10		.2-R	
	.6-R		11 12		.2-R	
	.6-R		13 14		.2-R	
	.6-R		15 16		.2-R	
	.6-R		17 18		.2-R	
	.6-R		19 20		.2-R	
	.6-R		21 22		.2-R	
	.6-R		23 24		1.0-R	
	.6-R		25 26			SPARE
	.6-R		27 28			
	.6-R		29 30			
	.6-R		31 32			
	.6-R		33 34			SPACE
	.6-R		35 36			
	.6-R		37 38			
	.6-R		39 40			
	.6-R		41 42			

PANEL: 1S MOUNTING: SURFACE
CONNECTED LOAD: 18.2 KW DEMAND LOAD: 15 KW (46A)
MAINS: 225A M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	1.5-L	20-1	1 2	20-1	.2-R	
	.9-L		3 4		.6-R	
	.9-L		5 6		.6-R	
	1.5-L		7 8		.6-R	
	.9-L		9 10		1.0-R	
	1.1-L		11 12		1.0-R	
	1.5-L		13 14		1.0-R	
	1.4-L		15 16		.9-C	
	1.9-L		17 18		1.0-CCTV	
	1.4-L		19 20		1.0-CCTV	
	.7-L		21 22		.7-M	
	1.9-L		23 24		.7-M	
	1.6-L		25 26		.7-M	
	1.1-L		27 28		.7-M	
	.9-L		29 30		1.0-L	
	.9-L		31 32		1.0-L	
	1.0-L		33 34		1.0-L	
	1.7-L		35 36		1.0-L	
	1.0-L		37 38			SPARE
	1.0-L		39 40			
SPARE			41 42			

PANEL: 1T MOUNTING: SURFACE
CONNECTED LOAD: 19.2 KW DEMAND LOAD: 9.4 KW (27.0 A)
MAINS: 400A M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
(3)	5.8-M	30-3	1 2	60-3	15.5	
			3 4			
			5 6			
(4)	9.0-M	40-3	7 8	60-3	15.5	
			9 10			
			11 12			
(17)	5.8-M	30-3	13 14	60-3	15.5	
			15 16			
			17 18			
(16)	13.6-M	40-3	19 20	60-3	15.5	
			21 22			
			23 24			
(15)	9.8-M	40-3	25 26	60-3	15.5	
			27 28			
(20)	15.0-M	60-3	29 30			
			31 32	60-3	15.5	
SPACE			33 34			SPACE
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 1W MOUNTING: SURFACE
CONNECTED LOAD: 20.1 KW DEMAND LOAD: 10 KW (31A)
MAINS: 225A M.L.O. 208Y/120Y 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	.4-R	20-1	1 2	20-1	.2-R	
	.4-R		3 4		.2-R	
	.4-R		5 6		.2-R	
	.6-R		7 8		.2-R	
	.6-R		9 10		.15-M	
	1.0-R		11 12		.4-R	
	.2-R		13 14		1.0-C	
	.2-R		15 16		.7-M	(14)(15)
	.2-R		17 18		SPARE	
	15.5	40-3	19 20			
			21 22			
			23 24			SPACE
	.8-M	20-3	25 26			
			27 28			
	1.1-M	20-3	29 30			
			31 32			
SPACE			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 1X (1) MOUNTING: SURFACE
CONNECTED LOAD: 55.6 KW DEMAND LOAD: 45 KW (139A)
MAINS: 225A M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
(7)	3.4-M	20-3	1 2	20-3	2.5-M	(16)
			3 4		.25-M	(17)
			5 6		1.1-M	(18)
(19)	3.4-M	20-3	7 8	20-2	1.8-M	(12)
			9 10		.4-M	(19)
			11 12	30-2	3.4-M	(20)
(21)	1.8-M	20-3	13 14		.8-M	(21)
			15 16	30-2	4.5-M	(22)
(23)	3.4-M	20-3	17 18		.35-M	(23)
			19 20	30-2	4.5-M	(24)
			21 22		.9-M	(25)
(9)	1.9-M	20-3	23 24	20-2		
			25 26		2.3-M	(26)
(27)	3.4-M	20-3	27 28	20-2	2.5-M	(27)
			29 30			
(28)	3.4-M	20-2	31 32	20-2	4.2-H	(28)
			33 34			
			35 36	30-2	8.2-M	(29)
(29)	3.4-M	20-2	37 38			
			39 40	30-2	8.2-M	(30)
			41 42			

PANEL: 1Y (2) MOUNTING: SURFACE
CONNECTED LOAD: 32.8 KW DEMAND LOAD: 42 KW (130A)
MAINS: 225A M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
(5)	1.1-M	20-1	1 2	20-1	.9-N	(1)
(6)	1.0-M		3 4		.25-M	(2)
(7)	1.1-M		5 6		1.1-M	(3)
(8)	.7-M		7 8		.4-M	(4)
(9)	.9-M		9 10		1.0-M	(5)
(10)	.16-M		11 12		1.4-M	(6)
(11)	1.0-M		13 14		.8-M	(7)
(12)	.35-M		15 16		.35-M	(8)
(13)	.3-M		17 18		1.8-M	(9)
(14)	.8-M		19 20		1.1-H	(10)
(15)	1.1-M		21 22		1.1-H	(11)
(16)	1.6-M		23 24		1.1-H	(12)
(17)	1.6-M		25 26		1.1-H	(13)
(18)	8.2-M	50-2	27 28		1.0-H	(14)(15)(16)
			29 30		1.2-H	(17)
SPACE			31 32		1.0-H	(18)
			33 34	30-2	4.2-H	(19)
			35 36			
			37 38	20-1	2.0-H	
			39 40			SPACE
			41 42			

PANEL: 2A MOUNTING: RECESSED
CONNECTED LOAD: DEMAND LOAD:
MAINS: 100A M.L.O. 480Y/277V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	.6-L	20-1	1 2	20-1		SPARE
SPARE	.6-L		3 4			
			5 6			
			7 8			
SPACE			9 10			SPACE
			11 12			
			13 14			
			15 16			
			17 18			
			19 20			
			21 22			
			23 24			
			25 26			
			27 28			
			29 30			
			31 32			
			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 2B MOUNTING: EXIST.
CONNECTED LOAD: 34.2 KW DEMAND LOAD: 28KW (86A)
MAINS: 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	.4-R	20-1	1 2	20-1		SPARE
	.4-R		3 4		1.5-L	
	.6-R		5 6		1.5-L	
	.9-R		7 8		1.5-L	
	.4-R		9 10		1.8-L	
	.4-R		11 12		1.2-L	
	.6-R		13 14		1.2-L	
	.4-R		15 16		1.9-L	
	.6-R		17 18		1.9-L	
	.9-R		19 20		1.4-L	
	.9-R		21 22		1.7-L	
EXIST. SPARE			23 24		1.9-L	
	1.0-R		25 26		1.8-L	
	.8-R		27 28		.9-L	
	.8-R		29 30		1.2-R/L	
	.2-R		31 32		1.0-L	
EXIST. SPARE			33 34		1.0-L	
			35 36		1.0-L	
			37 38		1.0-L	
			39 40		1.0-L	
			41 42		1.0-L	

PANEL: 2C MOUNTING: EXIST.
CONNECTED LOAD: DEMAND LOAD:
MAINS: 480Y/277V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	EXIST.	20-1	1 2	20-1	EXIST.	
			3 4			
			5 6			
			7 8	30-3		
SPACE			9 10			
			11 12			
			13 14			SPACE
			15 16			
			17 18			
			19 20			
			21 22	50-3	10.6M	(HL)(7)
			23 24			
			25 26	20-1	2.4-L	
			27 28		2.4-L	
(HL)(7)	1.3-M	20-3	29 30		9.1-L	
			31 32		3.6-L	
			33 34		3.1-L	
(7)	3.8-L	20-1	35 36		2.1-L	
	3.7-L		37 38		2.1-L	
	3.8-L		39 40		2.1-L	
			41 42			

PANEL: 2E MOUNTING: RECESSED
CONNECTED LOAD: DEMAND LOAD:
MAINS: 225A D.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	1.0 R/L	20-1	1 2	20-1		SPARE
	.2-R		3 4			
	.5-M		5 6			
SPARE			7 8			
			9 10			
			11 12			
			13 14			
			15 16			
			17 18			
			19 20			
			21 22			
			23 24			
			25 26			
			27 28			
SPACE			29 30			SPACE
			31 32			
			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 2F MOUNTING: RECESSED
CONNECTED LOAD: DEMAND LOAD:
MAINS: 225A M.L.O. 208Y/120 V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
SPARE		20-1	1 2	20-1		SPARE
			3 4			
			5 6			
			7 8			
			9 10			
			11 12			
			13 14			
			15 16			
			17 18			
			19 20			
			21 22			
			23 24			
			25 26			
			27 28			
SPACE			29 30			SPACE
			31 32			
			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 2G MOUNTING: SURFACE
CONNECTED LOAD: 5.4 KW DEMAND LOAD: 5.4 KW (17A)
MAINS: M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
COMPUTER ELECTRICIAN	.2	20-1	1 2	20-1	.2	COMPUTER ELECTRICIAN
	.2		3 4		.2	
	.2		5 6		.2	
	.2		7 8		.2	
	.2		9 10		.2	
	.2		11 12		.2	
	.2		13 14		.2	
	.2		15 16		.2	
	.2		17 18		.2	
	.2		19 20		.2	
	.2		21 22		.2	
	.2		23 24		.2	
	.2		25 26		.2	
SPARE			27 28			SPARE
			29 30			
			31 32			
			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 2H MOUNTING: SURFACE
CONNECTED LOAD: 20.1 KW DEMAND LOAD: 10 KW (31A)
MAINS: 225A D.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	.4-R	20-1	1 2	20-1	.8-R	
	.8-R		3 4		.6-R	
	.6-R		5 6		1.0-R	
	1.0-R		7 8		1.2-R	
	.15-R		9 10		.6-R	
	.6-R		11 12		.2-R	
	1.2-R		13 14		.2-R	
	.8-R		15 16		.2-R	
	.8-R		17 18		.2-R	
	.5-M		19 20		.2-R	
	.6-M		21 22		.2-R	
	.4-R		23 24		.5-M	
	.4-R		25 26	30-3		SPARE
SPARE			27 28			
			29 30			
			31 32	20-3	1.6-M	
			33 34			
	1.6-M	20-3	35 36	60-3	5.6	PNL 2G
			37 38			
			39 40			
			41 42			

PANEL: 2J MOUNTING: SURFACE
CONNECTED LOAD: 5.6 KW DEMAND LOAD: 5.6 KW (17A)
MAINS: M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
COMPUTER ELECTRICIAN	.2	20-1	1 2	20-1	.2	COMPUTER ELECTRICIAN
	.2		3 4		.2	
	.2		5 6		.2	
	.2		7 8		.2	
	.2		9 10		.2	
	.2		11 12		.2	
	.2		13 14		.2	
	.2		15 16		.2	
	.2		17 18		.2	
	.2		19 20		.2	
	.2		21 22		.2	
	.2		23 24		.2	
	.2		25 26		.2	
SPARE			27 28			SPARE
			29 30			
			31 32			
			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 2K MOUNTING: SURFACE
CONNECTED LOAD: 187.3 KW DEMAND LOAD: 45 KW (130A)
MAINS: 400 A M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	.2-R	20-1	1 2	50-3	16.5	
	.4-R		3 4			
	.6-R		5 6			
	.10-R		7 8	50-3	15.5	
	.6-R		9 10			
	.6-R		11 12			
	.6-R		13 14	50-3	15.5	
	.8-R		15 16			
	.8-R		17 18			
	.6-R		19 20	50-3	15.5	
	.10-R		21 22			
SPARE			23 24			
			25 26	50-3	15.5	SPACE
			27 28			
			29 30			
SPACE			31 32	50-3	5.6	PNL 2J
			33 34			
			35 36			SPACE
			37 38			
			39 40			
			41 42			

PANEL: 2L MOUNTING: SURFACE
CONNECTED LOAD: 45 KW (130A)
MAINS: 400A M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	.2-R	20-1	1 2	50-3	16.5	
	.4-R		3 4			
	.6-R		5 6			
	.10-R		7 8	50-3	15.5	
	.6-R		9 10			
	.6-R		11 12			
	.6-R		13 14	50-3	15.5	
	.8-R		15 16			
	.8-R		17 18			
	.6-R		19 20	50-3	15.5	
	.10-R		21 22			
SPARE			23 24			
			25 26	50-3	15.5	SPACE
			27 28			
			29 30			
SPACE			31 32	50-3	5.6	PNL 2J
			33 34			
			35 36			SPACE
			37 38			
			39 40			
			41 42			

PANEL: 2M MOUNTING: SURFACE
CONNECTED LOAD: 22 KW DEMAND LOAD: 18KW (55A)
MAINS: 225A M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	2.0-H	20-1	1 2	20-1	.1-M	(11)
	2.0-H		3 4			SPARE
	2.0-H		5 6			
	2.0-H		7 8			
	.6-E		9 10			
	2.0-H		11 12			
	2.0-H		13 14			
	2.0-H		15 16			
	2.0-H		17 18			
	.4-R		19 20			
	1.0-R		21 22			
	.2-E		23 24			
(28)	3.1-M	30-2	25 26			SPACE
			27 28			
	.6-M		29 30			
			31 32			
SPACE			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

PANEL: 1V MOUNTING: SURFACE
CONNECTED LOAD: 14.6 KW DEMAND LOAD: 12 KW (37A)
MAINS: 225A M.L.O. 208Y/120V 3Φ-4W

REMARKS	KW	BKR.	CCT. NO.	BKR.	KW	REMARKS
	1.1-M	20-3	1 2	20-3	1.1-M	
			3 4			
			5 6			
	1.1-M	20-3	7 8	20-3	1.1-M	
			9 10			
			11 12			
	1.1-M	20-3	13 14	20-3	1.1-M	
			15 16			
			17 18			
	1.1-M	20-3	19 20	30-3	5.8-M	
			21 22			
			23 24			
	1.1-M	20-3	25 26			SPACE
			27 28			
			29 30			
SPACE			31 32			
			33 34			
			35 36			
			37 38			
			39 40			
			41 42			

REFER TO DETAIL R/E-8 SHEET E-30

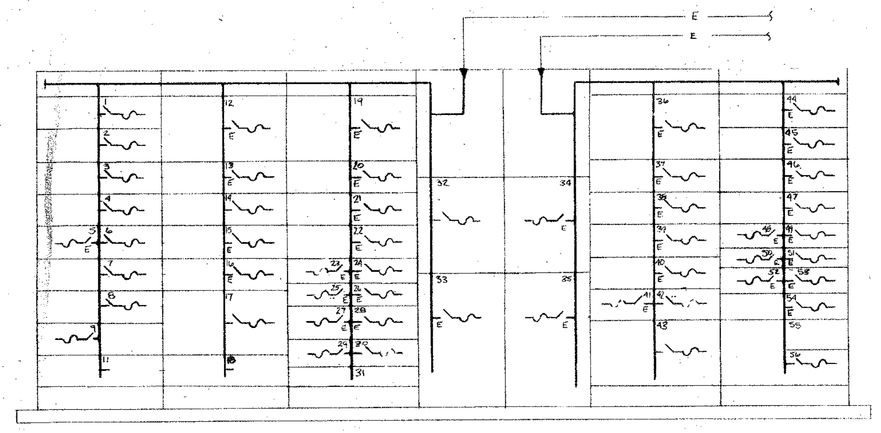
SUFFIXING OF KW LOADS: L-LIGHTS, R-RECEPTACLES, M-MOTOR, H-HEATER, C-CONTROLS
D.L.O. - DOUBLE MAIN LUGS, M.L.O. - MAIN LUGS ONLY

FIRE ALARM PANEL

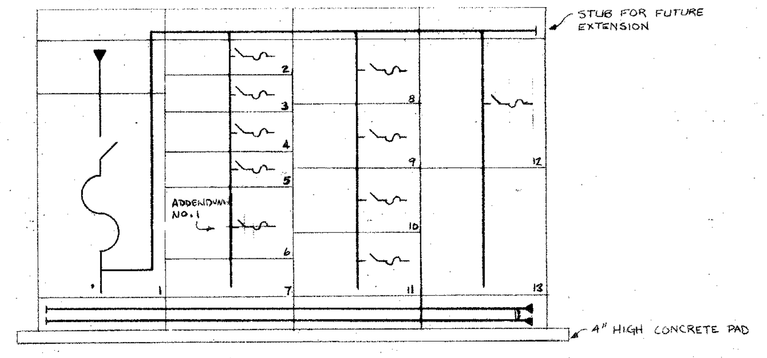
FLOOR NO.	DEVICES: INITIATING	DEVICES: SIGNALING	DEVICES: CONTROL	DEVICES: MONITOR	DESCRIPTION OF ZONE OR CONTROL SEQUENCE	ZONE NO.	CONTROLLED BY ZONE NO.	SEE NOTE
1	●				PULLSTATIONS - NORTHWEST	1/1		
1	●				- NORTHWEST EXHIBIT HALL	1/2		
1	●				- NORTHCENTER	1/3		
1	●				- NORTHEAST	1/4		
1	●				- WEST END EXHIBIT HALL	1/5		
1	●				- NORTHCENTER EXHIBIT HALL	1/6		
1	●				- SOUTHCENTER EXHIBIT HALL	1/7		
1	●				- BALLROOM	1/8		
1	●				- SOUTH END	1/9		
1	●				SMOKE DETECTORS - NORTHWEST	1/10		
1	●				- ATRIUM	1/11		
1	●				- EXHIBIT HALL & BALL ROOM	1/12		
1	●				- FREIGHT ELEVATOR E-4	1/13		
1	●				- SOUTHEND	1/14		
1			●		OVERHEAD DOOR 1746 - SOUTH END		ALL ZONES	
SEE NOTE	●				WATERFLOW SWITCH - SYSTEM #1 SOUTH	1/15		1
1				●	VALVE SUPERVISORY SWITCH - SYSTEM #1 SOUTH	1/16		
1	●				WATERFLOW SWITCH - SYSTEM #1 TAP SOUTH	1/17		2
1	●				WATERFLOW SWITCH - SYSTEM #2	1/18		3
1				●	VALVE SUPERVISORY SWITCH - SYSTEM #2	1/19		
SEE NOTE	●				WATERFLOW SWITCH - SYSTEM #2 TAP	1/20		4
1	●				WATERFLOW SWITCH - SYSTEM #3	1/21		
1				●	VALVE SUPERVISORY SWITCH - SYSTEM #3	1/22		5
1	●				WATERFLOW SWITCH - NORTH OF COL. LINE 11	1/23		
1	●				HOOD FIRE SUPPRESSION SYSTEM	1/24		
2	●				PULLSTATIONS - NORTHWEST	2/1		
2	●				- NORTH CENTER	2/2		
2	●				- NORTHEAST	2/3		
2	●				SMOKE DETECTORS - NORTHWEST	2/4		
2	●				- ATRIUM	2/5		
2	●				- NORTHEAST	2/6		
2	●				- FREIGHT ELEV. E-4	2/7		
2	●				WATERFLOW SWITCH NORTH	2/8		

FIRE ALARM PANEL CONT'D.

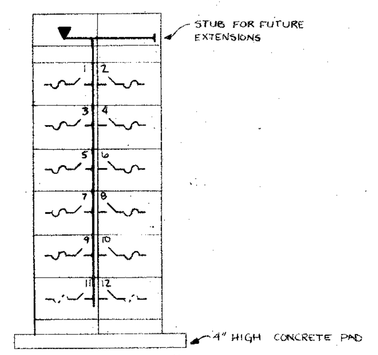
FLOOR NO.	DEVICES: INITIATING	DEVICES: SIGNALING	DEVICES: CONTROL	DEVICES: MONITOR	DESCRIPTION OF ZONE OR CONTROL SEQUENCE	ZONE NO.	CONTROLLED BY ZONE NO.	SEE NOTE
2	●				DUCT MOUNTED SMOKE DETECTOR-A.H. UNIT #2	2/9		SEE BELOW
2	●				-A.H. UNIT #3	2/10		
2



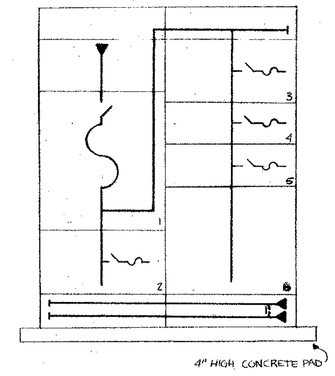
EXIST. 480Y/277V SWITCHBOARD "DP-1" (ELEVATION)
SCALE: NONE



208Y/120V SWITCHBOARD DP-3 (ELEVATION)
SCALE: NONE



480V MOTOR CONTROL CENTER "MCC-1" (ELEVATION)
SCALE: NONE



208Y/120V SWBD "DP-4" (ELEVATION)
SCALE: NONE

NOTES-○

1 PROVIDE NEW BREAKERS AS INDICATED IN EXISTING WESTINGHOUSE TYPE "WEHB" PANEL.

ADDENDUM NO. 2

1. Refer to Sketch A2-E1 for revised Switchboard "DP-3" schedule, THIS SHEET.
2. Motor Control Center "MCC-1" schedule:
   a. Demand load - 130 HP (175 amps).
   b. Bussing - 400 amps.
   c. ATC compressor shall be served by "DPEM", Circuit No. 5 shall become a space (delete switch).
3. Existing Switchboard "DP-1" schedule - 500 KVA transformer served from Switch No. 32 shall be served by three sets of 3-#300 MCM, #1/0 ground, 2-1/2" conduit.
4. Switchboard "DP-4" schedule - Feeder shall be three sets of 4-#500 MCM. #3/0 ground, in 3-1/2" conduit.
5. Fusible Distribution Panel "DPEM" schedule - Switch No. 5 shall serve ATC compressor H36, fuse at 10 amps, LPS-RK; feeder shall be 3-#12, #12 ground, in 3/4" conduit. Provide additional 30 amp, 3 pole switch in "DPEM" as a spare.
6. Panel Schedule "3F" - demand load is 62 KW (191 amp).

EXIST. SWITCHBOARD "DP-1"

FEEDER: EXIST. BUSSING: EXIST. TYPE: FREE STANDING 480Y/277 VOLT 3 ϕ 4 W. W/ GRD BAR

SWITCH OR UNIT NO.	SERVICE	OVERCURRENT PROTECTION: SWITCH SIZE	POLES	FUSE SIZE	FUSE TYPE	FEEDER: NO. OF CONDUCTORS	SIZE	EQUIP GRD.	CONDUIT
1-4	EXIST.	200	3						
5	EXIST.	60	3						
6	ELEVATOR (E2) EXIST. SPARE	60	3	35	LPS-RK	3	6	10	1
7	PANEL 3G	200	3	200	LPS-RK	4	4/0	6	2½
8	(48) DISHMACHINE	200	3	150	LPS-RK	3	1/0	6	1½
9	PANEL 2A	100	3	100	LPS-RK	4	2	8	1½
10	SPACE								
11	SPACE								
12	EXIST.	400	3						
13	EXIST.	200	3						
14	PANEL 1Q (EXIST. SPARE)	200	3	200	LPS-RK	EXTENSION OF EXIST			
15,16	EXIST.	200	3						
17	PANEL DPEM	400	3	250	LPS-RK	4	350 MCM	2	3
18	SPACE								
19	EXIST.	600	3						
20-22	EXIST.	200	3						
23	EXIST. SPARE	60	3						
24-27	EXIST.	60	3						
28	EXIST.	100	3						
29	(50) ROLL-IN OVEN	100	3	90	LPS-RK	3	3	8	1¼
30	SPARE	100	3						
31	SPACE								
32	500 KVA TRANSFORMER	800	3	800	KRP-C	3 SETS OF 3	300 MCM	1/0 X	2½
33-35	EXIST.	800	3						
36	EXIST.	400	3						
37-40	EXIST.	200	3						
41-42	EXIST. SPARE	60	3						
43	MOTOR CONTROL CENTER "MCC-1"	400	3	400	LPS-RK	3	500 MCM	2	3
44-47	EXIST.	200	3						
48-51	EXIST.	60	3						
52,53	EXIST.	30	3						
54	EXIST.	200	3						
55	SPARE								
56	PANEL 4T (EXIST. SPARE)	200	3	200	LPS-RK	4	4/0	6	2½

SWITCHBOARD "DP-3"

FEEDER: 4 SETS (4-#500 MCM, #2 GRD IN 3"/C) TYPE: FRONT ACCESSIBLE
BUSSING: 1000 A 208Y/120 VOLT 3 ϕ 4 W. W/ GRD BAR

SWITCH OR UNIT NO.	SERVICE	OVERCURRENT PROTECTION: SWITCH SIZE	POLES	FUSE SIZE	FUSE TYPE	FEEDER: NO. OF CONDUCTORS	SIZE	EQUIP GRD.	CONDUIT
1	MAIN SWITCH	1600	3	1600	KRP-C				
2	PANEL 1N	200	3	200	LPN-RK	4	4/0	6	2½
3	PANEL 1R	200	3	200	LPN-RK	4	4/0	6	2½
4	PANEL 2E	200	3	200	LPN-RK	4	4/0	6	2½
5	PANEL 2H	200	3	200	LPN-RK	4	4/0	6	2½
6	PANEL 1T	400	3	400	LPN-RK	4	500 MCM	2	3½
7	SPACE								
8	PANEL 2K	400	3	400	LPN-RK	4	500 MCM	2	3½
9	PANEL 3F	400	3	400	LPN-RK	4	500 MCM	2	3½
10	PANEL 3J	400	3	400	LPN-RK	4	500 MCM	2	3½
11	PANEL 3L	400	3	400	LPN-RK	4	500 MCM	2	3½
12	MESSAGE BOARD SIGN	600	3	600	LPN-RK	3 SETS OF 4	500 MCM	2	3
13	SPACE								

MOTOR CONTROL CENTER "MCC-1"

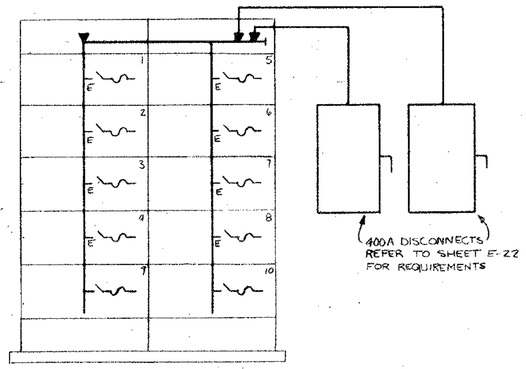
TYPE: CONNECTED LOAD 480 VOLT - 3ϕ - 3W-W/GRD
MOUNTING: FRONT ACCESSIBLE DEMAND LOAD: BUSSING:

CIRCUIT NO	SERVICE	Up	STARTER: NEMA SIZE	MAGNETIC	REDUCED VOLTAGE	MULTI SPEED	OVER CURRENT PROTECTION: SWITCH SIZE	POLES	FUSE SIZE	FUSE TYPE	WIRE SIZE
1	AIR HANDLER-21 (H3)	25					60	3	50	LPS-RK	10
2	AIR HANDLER-22 (H4)	15					30	3	30	LPS-RK	10
3	AIR HANDLER-23 (H5)	15					30	3	30	LPS-RK	10
4	RETURN AIR FAN-3 (H36)	5					30	3	30	LPS-RK	10
5	AFC ~~SPARE~~ COMPRESSOR (H36)	3HP					30	3	30	LPS-RK	10
6	ELEVATOR (E1)	50					60	3	60	LPS-RK	6
7	ESCALATOR (E3)	10					30	3	30	LPS-RK	10
8	ESCALATOR (E4)	10					30	3	30	LPS-RK	10
9	ESCALATOR (E5)	10					30	3	30	LPS-RK	10
10	ESCALATOR (E6)	10					30	3	30	LPS-RK	10
11	SPARE						60	3			
12	SPARE						30	3			

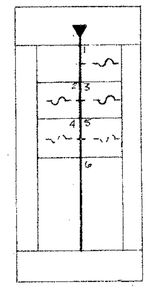
SWITCHBOARD "DP-4"

FEEDER: 3 SETS (4-#500 MCM, #3/0 GRD IN 3½"C) TYPE: FRONT ACCESSIBLE
BUSSING: 1000 A 208Y/120 VOLT 3 ϕ 4 W. W/ GRD BAR

SWITCH OR UNIT NO.	SERVICE	OVERCURRENT PROTECTION: SWITCH SIZE	POLES	FUSE SIZE	FUSE TYPE	FEEDER: NO. OF CONDUCTORS	SIZE	EQUIP GRD.	CONDUIT
1	MAIN SWITCH	1000	3	1000	KRP-C				
2	400A DISCONNECT	400	3	400	LPN-RK	4	500 MCM	2	3½
3	400A DISCONNECT	400	3	400	LPN-RK	4	500 MCM	2	3½
4	200A DISCONNECT	200	3	200	LPN-RK	4	4/0	6	2½
5	PANEL 1V	200	3	200	LPN-RK	4	4/0	6	2½
6	SPACE								



EXIST. 208Y/120V SWITCHBOARD "DP-2" ELEVATION
SCALE: NONE



480Y/277V FUSIBLE PANELBOARD "DPEM" (ELEVATION)
SCALE: NONE

EXIST. SWITCHBOARD "DP-2"

FEEDER: EXIST. BUSSING: 2000 A TYPE: FRONT ACCESSIBLE 208Y/120V VOLT 3 ϕ 4 W. W/ GRD BAR

SWITCH OR UNIT NO.	SERVICE	OVERCURRENT PROTECTION: SWITCH SIZE	POLES	FUSE SIZE	FUSE TYPE	FEEDER: NO. OF CONDUCTORS	SIZE	EQUIP GRD.	CONDUIT
1	EXIST. PANEL 4D	400	3						
2	4E	400	3						
3	4A	200	3						
4	4B	200	3						
5	4F	400	3						
6	4G	400	3						
7	4C	200	3						
8	PANEL FOR SIGN KA	200	3	200	LPN-RK	4	4/0	6	2½
9	DIMMER CABINET	200	3	200	LPN-RK	4	4/0	6	2½
10	DIMMER CABINET	200	3	200	LPN-RK	4	4/0	6	2½

FUSIBLE DISTRIBUTION PANEL "DPEM"

FEEDER: 1-#350 MCM, 1-#2 GRD, 3"C TYPE: SPEC SECTION 16464-8-4
BUSSING: 400A 480Y/277 VOLT 3 ϕ 4 W. W/ GRD BAR

SWITCH OR UNIT NO.	SERVICE	OVERCURRENT PROTECTION: SWITCH SIZE	POLES	FUSE SIZE	FUSE TYPE	FEEDER: NO. OF CONDUCTORS	SIZE	EQUIP GRD.	CONDUIT
1	PANEL "EM1"	200	3	200	LPS-RK	4	4/0	6	2½
2	SMOKE EVAC. FAN (H3)	60	3	50	LPS-RK	3	6	10	1
3	MAKE-UP AIR FAN (H34)	30	3	15	LPS-RK	3	12	12	¾
4	SPARE	60	3						
5	SPARE SEE ADDENDUM No.2	30	3						
6	SPACE								

SWITCH BOARD "DP-3"

FEEDER: 4 SETS (4-#500 MCM, #3/0 GRD IN 3½"C) TYPE: FRONT ACCESSIBLE
BUSSING: 1600A 208Y/120 VOLT 3 ϕ 4 W. W/ GRD BAR

SWITCH OR UNIT NO.	SERVICE	OVERCURRENT PROTECTION: SWITCH SIZE	POLES	FUSE SIZE	FUSE TYPE	FEEDER: NO. OF CONDUCTORS	SIZE	EQUIP GRD.	CONDUIT
1	MAIN SWITCH	1600	3	1500	KRP-C				
2	PANELS 1N + 1P	200	3	200	LPN-RK	4	4/0	6	2½
3	PANELS 1R + 1S	200	3	200	LPN-RK	4	4/0	6	2½
4	PANELS 2E + 2F	200	3	200	LPN-RK	4	4/0	6	2½
5	PANELS 2H + 2G + 1W	200	3	200	LPN-RK	4	4/0	6	2½
6	PANEL 1T	400	3	400	LPN-RK	4	500 MCM	2	3½
7	SPACE								
8	PANELS 2K + 2J	400	3	400	LPN-RK	4	500 MCM	2	3½
9	PANELS 3F + 3E	400	3	400	LPN-RK	4	500 MCM	2	3½
10	PANELS 3J + 3H	400	3	400	LPN-RK	4	500 MCM	2	3½
11	PANELS 3L + 3K	400	3	400	LPN-RK	4	500 MCM	2	3½
12	MESSAGE BOARD SIGN	600	3	600	LPN-RK	3 SETS OF 4	500 MCM	2	3
13	SPACE								

PANEL: 3B MOUNTING: EXIST. CONNECTED LOAD: DEMAND LOAD: MAINS: 480Y/277 V 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
EXIST.	20-1	1	2	20-1	EXIST.	
		3	4			
		5	6			
	30-1	7	8			
	20-3	9	10			
		11	12			
		13	14			
	20-1	15	16			
	20-1	17	18	30-3		
		19	20			
	20-1	21	22			
SPACE		23	24			SPACE
		25	26	20-1	3.0-L	(1)
		27	28		3.0-L	
		29	30		3.0-L	
(1)	2.6-L	31	32		3.0-L	
	2.6-L	33	34		2.0-R	
	3.5-L	35	36			SPARE
	3.3-L	37	38		3.3-L	
	3.7-L	39	40		3.3-L	
	3.3-L	41	42		2.1-L	

PANEL: 3E MOUNTING: SURFACE CONNECTED LOAD: 23.9 KW DEMAND LOAD: 18 KW (50A) MAINS: M.L.O. 208Y/120 V 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
COMPUTER RECEPTACLES	.2	20-1	1	20-1	1.7-L	
	.2		3		1.8-L	
	.2		5		1.8-L	
	.2		7		1.5-L	
	.2		9		1.8-L	
	.2		11		1.5-L	
	.2		13		1.5-L	
	.2		15		1.8-L	
	.2		17		.8-R	
	.2		19		.6-R	
	.2		21		.9-R	
	.2		23		.6-R	
	.2		25		.8-M	
	.2		27		.8-R	
	.2		29		.2-R	
	.2		31		.4-R	
	.2		33		.6-M	(P2)
	.2		35		.8-M	(H7)
	.2		37			SPARE
	.2		39			
	.2		41			
	.38-M		43			

PANEL: 3F MOUNTING: SURFACE (FIA) CONNECTED LOAD: 112.3 KW DEMAND LOAD: 62 KW (174A) MAINS: 400A M.L.O. 208Y/120Y 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
	.8-R	20-1	1	60-3	15.2-M	(H5)
	.6-R		3			
	.6-R		5			
	.8-R		7	60-3	19.8-M	(H4)
	.6-R		9			
	.6-R		11			
	.6-R		13	60-3	5.7-M	(H36)
	.6-R		15			
	.6-R		17			
	.8-R		19	60-3	5.7-M	(H2)
	.6-R		21			
	.6-R		23			
	.6-R		25	60-3	15.8	
	.6-R		27			
	.6-R		29			SPACE
	.8-R		31			
	.6-R		33			
SPACE			35	100-3	28.9	PNL 3E
			37			
			39			
			41			

PANEL: 3G MOUNTING: SURFACE CONNECTED LOAD: 60.1 KW DEMAND LOAD: 50 KW (67A) MAINS: 225 A M.L.O. 480Y/277 V 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
	2.5-L	20-1	1	40-3	15.2-M	(H1)
	2.5-L		3			
	2.5-L		5			
	2.5-L		7	60-3	19.8-M	(H2)
	2.5-L		9			
	3.0-L		11			
	3.9-L		13	20-3	5.7-M	(H3)
SPARE			15			
			17			
			19	20-3	5.7-M	(H7)
SPACE			21			
			23			SPACE
			25			
			27			
			29			
			31			
			33			
			35			
			37			
			39			
			41			

PANEL: 3H MOUNTING: SURFACE CONNECTED LOAD: 17.4 KW DEMAND LOAD: 18 KW (54A) MAINS: M.L.O. 208Y/120 V 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
COMPUTER RECEPTACLES	.2	20-1	1	20-1		SPARE
	.2		3		1.2-L	
	.2		5		.9-L	
	.2		7		1.8-L	
	.2		9		1.8-L	
	.2		11		1.8-L	
	.2		13		1.5-L	
	.2		15		1.5-L	
	.2		17		1.2-L	
	.2		19		1.5-L	
	.2		21		1.7-L	
	.2		23		1.5-L	
SPARE			25		1.1-L	
			27		.2-R	
			29		.4-R	
			31			
			33			
			35			
			37			
			39			
			41			

PANEL: 3J MOUNTING: SURFACE CONNECTED LOAD: 104.3 KW DEMAND LOAD: 60 KW (185A) MAINS: 400A M.L.O. 208Y/120 V 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
	.4-R	20-1	1	60-3	15.5	
	.4-R		3		1.5-L	
	.2-R		5		1.7-L	
	.8-R/L		7	60-3	15.5	
	.6-R		9		1.8-L	
	.8-R		11		1.8-L	
	.8-R		13	60-3	15.5	
	.6-R		15		1.8-L	
	.6-R		17		1.8-L	
	.6-R		19	60-3	15.5	
	.6-R		21			
	.6-R		23			
	.8-R		25	60-3	15.5	
	.1-R		27			
	.6-R		29			SPACE
	.6-R		31			
	.6-R		33			
SPACE			35	100-3	19.4	PNL 3H
			37			
			39			
			41			

PANEL: 3K MOUNTING: SURFACE CONNECTED LOAD: 17.8 KW DEMAND LOAD: 15 KW (43A) MAINS: M.L.O. 208Y/120 V 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
COMPUTER RECEPTACLES	.2	20-1	1	20-1	1.8-L	
	.2		3		1.5-L	
	.2		5		1.7-L	
	.2		7	60-3	15.5	
	.2		9		1.8-L	
	.2		11		1.8-L	
	.2		13	60-3	15.5	
	.2		15		1.8-L	
	.2		17		1.8-L	
	.2		19	60-3	15.5	
	.2		21			SPARE
	.2		23			
SPACE			25			SPACE
			27			
			29			
			31			
			33			
			35			
			37			
			39			
			41			

PANEL: 3L MOUNTING: SURFACE CONNECTED LOAD: 99.1 KW DEMAND LOAD: 54 KW (167A) MAINS: 400A M.L.O. 208Y/120 V 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
	1.2-R	20-1	1	60-3	15.5	
	.9-M		3			
	.9-R		5			
	.6-R		7	60-3	15.5	
	.6-R		9			
	.6-R		11			
	.8-R		13	60-3	15.5	
	.6-R		15			
	.6-R		17			
	.6-R		19	60-3	15.5	
	.6-R		21			
	.6-R		23			
	.6-R		25	60-3	15.5	
	1.4-R/M		27			
(H6)	.5-M		29			
(H12)	.7-M		31			SPACE
(P2)	5.5-M	40-2	33			
			35			TRANSF.
SPACE			37	100-3	6.8	PNL 3K
			39			
			41			

PANEL: EM1 MOUNTING: SURFACE CONNECTED LOAD: DEMAND LOAD: MAINS: 225 A M.L.O. 480Y/277 V 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
EXIT SIGNS	.6-L	20-1	1			SPARE
LTS 1ST FL	2.5-L		3			
EXITS 2ND FL	.8-L		5			
LTS 2ND FL	1.9-L		7			SPACE
STAIR 2	1.7-L		9			
LTS 3RD FL	2.0-L		11			
EXITS 3RD FL	.8-L		13			
LTS 3RD FL	1.9-L		15			
LTS ATRIUM	1.5-L		17			
			19			
			21			
			23			
			25			
			27			
			29			
			31			
			33			
			35			
			37			
			39			
			41			

PANEL: EM2 MOUNTING: SURFACE CONNECTED LOAD: 3.5 KW DEMAND LOAD: 3.5 KW (11A) MAINS: 50A MAIN C.B. 208Y/120V 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
DAYTANK	1.1-M	20-1	1	20-1		SPARE
CHARGER	1.0-C		3			
	.4-R		5			
FIRE ALARM PANEL	1.0-C		7			SPACE
	1.0-C	20-1	9			
SPACE			11			
			13			
			15			
			17			
			19			
			21			
			23			
			25			
			27			
			29			
			31			
			33			
			35			
			37			
			39			
			41			

PANEL: 4J MOUNTING: SURFACE CONNECTED LOAD: 37.2 KW DEMAND LOAD: 30 KW (90A) MAINS: 225 A M.L.O. 480Y/277 V 3ϕ-4W

REMARKS	KW	BKR.	CKT NO.	BKR.	KW	REMARKS
(H28)	8.4-M	20-3	1	40-3	15.2-M	(H28)
			3			
			5			
(H26)	8.4-M	20-3	7	20-3	8.4-M	(H25)
			9			
			11			
(H14)	1.1-M	20-3	13	20-3	8.4-M	(H13)
			15			
			17			
(H10)	1.1-M	20-3	19			SPACE
			21			
SPACE			23			
			25			
			27			
			29			
			31			
			33			
			35			
			37			
			39			
			41			

SUFFIX OF KW LOADS: L-LIGHTS, R-RECEPTACLES, M-MOTORS, H-HEATER, C-CONTROLS
D.L.O - DOUBLE MAIN LUGS, M.L.O. - MAIN LUGS ONLY.

SWITCHBOARD ELEVATIONS / SCHEDULES

SCALE: NONE

E-25 E-25

COMP | OVER TIE

STATE OF OHIO
28857 T. A. FENDELMAN
T. E. MONRO 25700
R. J. WERLING 25942
R. J. PEARSON 24482
R. R. WEBER 41285
REGISTERED PROFESSIONAL ENGINEERS

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REVISIONS
⚠ 12-1-88 RECORD DRG. REVISIONS

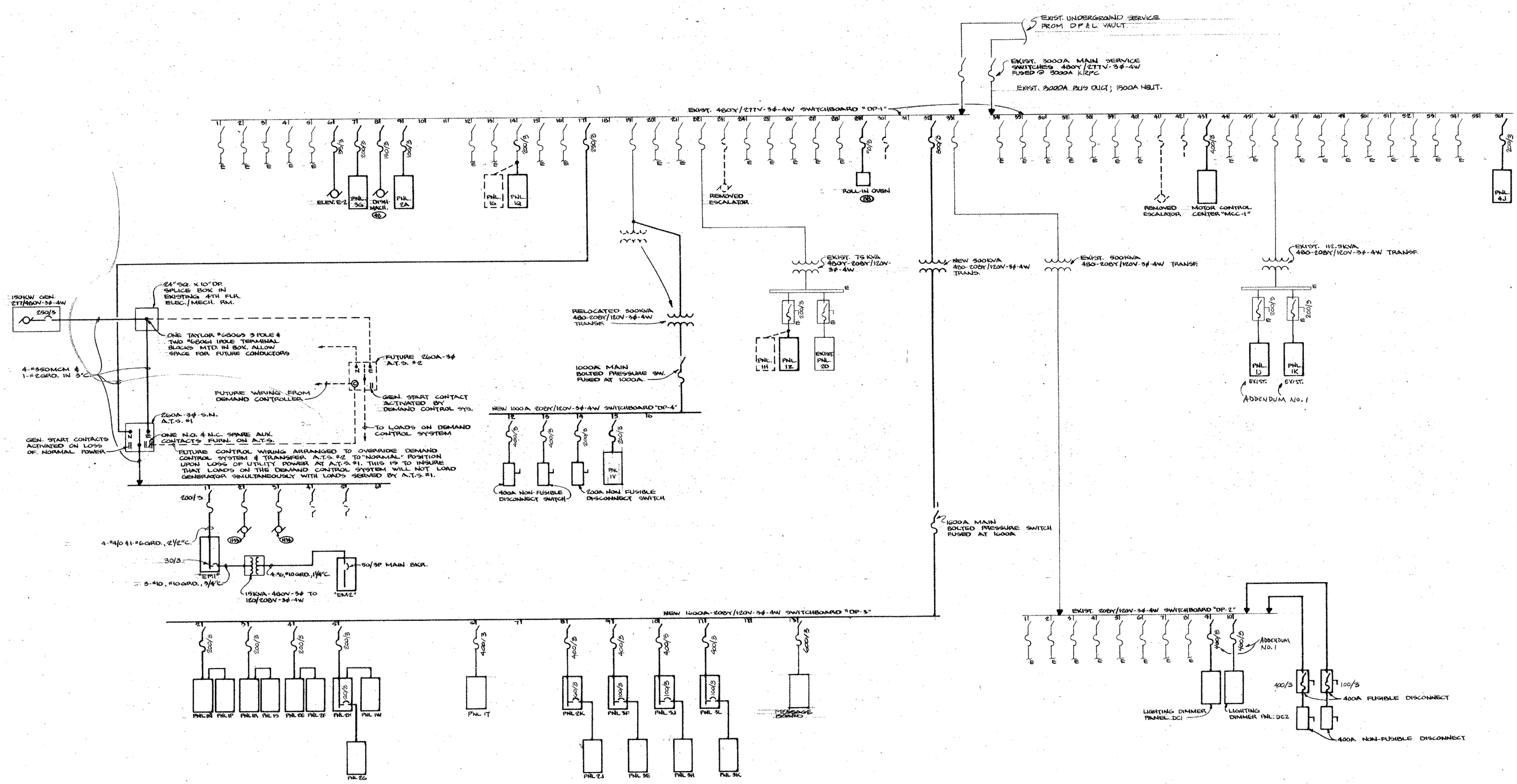
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

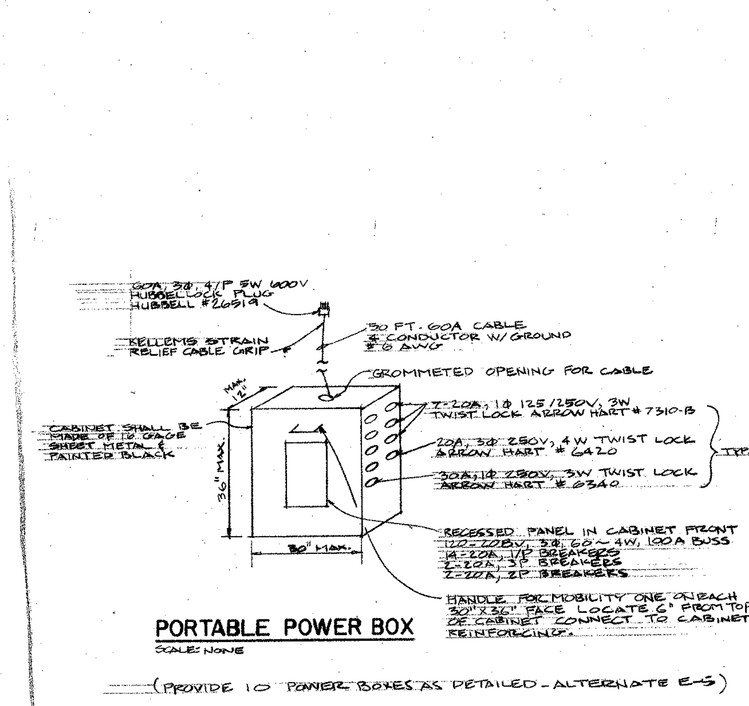
LEVIN · PORTER · ASSOCIATES, INC
ARCHITECTURE PLANNING
21 North Jefferson Street
Dayton, Ohio 45402
513 224 1931

DATE 6-9-88
DRAWN BY MTB
CHECKED BY MBY
PROJECT NO. 5741.00

DAYTON CONV. CTR.
ADDENDUM NO. 2
JULY 9, 1988
SKETCH NO. A2-E1

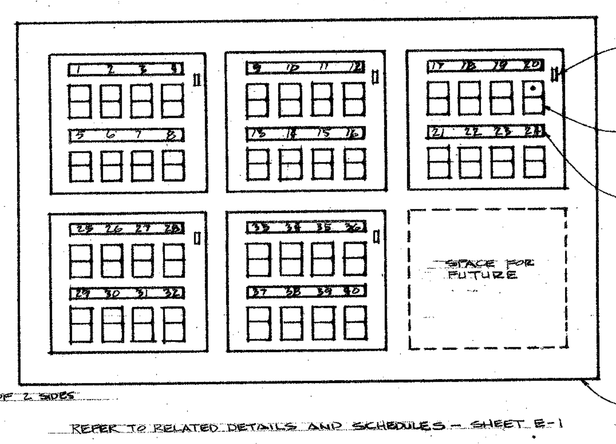
E-25





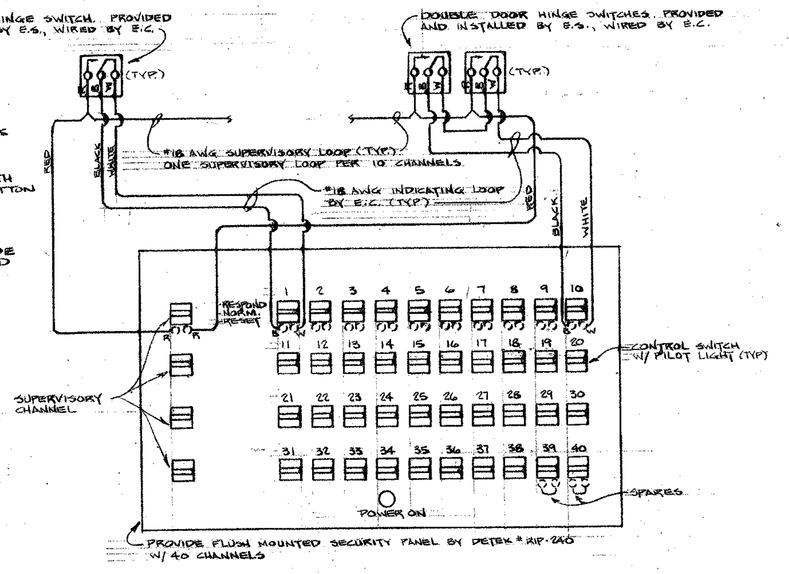
PORTABLE POWER BOX
SCALE: NONE

(PROVIDE 10 POWER BOXES AS DETAILED - ALTERNATE E-5)



REFER TO RELATED DETAILS AND SCHEDULES - SHEET E-1

LIGHTING MANAGEMENT CONTROL PANEL - ALTERNATE E-15
SCALE: NONE



SECURITY PANEL / DOOR MONITORS WIRING DIAGRAM
SCALE: NONE

DOOR SECURITY PANEL SCHEDULE			
CONTROL SWITCH NO.	DOOR LOCATION	CONTROL SWITCH NO.	DOOR LOCATION
1	EXIST.	21	LEASED OFFICE AREA 115 1ST. FLOOR
2		22	FRONT ENTRANCE DOORS AREA 134 - 1ST FLOOR
3		23	
4		24	
5		25	
6		26	
7		27	
8		28	
9		29	
10		30	STAIRWELL S-6 1ST. FLOOR
11		31	ROOM 138 BANQUET HALL 1ST. FLOOR
12		32	SKYWAY - 3RD FLOOR
13		33	
14		34	SOUTH END DOOR 191-D
15		35	SOUTH END DOOR 174
16		36	SOUTH END DOOR 174 C
17		37	SOUTH END DOOR 174 E
18		38	SOUTH END DOOR 174 F
19		39	SPARE
20		40	SPARE

NOTE: EXIST. INDICATING LOOP WIRING FROM REMOVED SECURITY PANEL SHALL BE EXTENDED TO NEW PANEL CONTROL SWITCHES 1-20. MAINTAIN EXIST. ORDER OF WIRING TO SWITCHES THAT IS, EXTEND WIRING FROM SWITCH NO. 1 IN OLD PANEL TO SWITCH NO. 1 IN NEW PANEL, FROM OLD SWITCH NO. 2 TO NEW SWITCH NO. 2 ETC.

ELECTRICAL SINGLE LINE DIAGRAM, DETAILS
SCALE: NONE

STATE OF OHIO
20867 T. J. FERGELMAN
T. E. MONNIG 25706
R. J. WERLING 33985
R. J. PEARSON 34483
R. R. WEBER 41290
REGISTERED PROFESSIONAL ENGINEER

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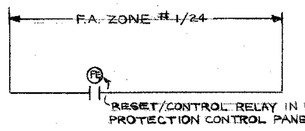
REVISIONS
1 12-1-88 RECORD DRG. REVISIONS

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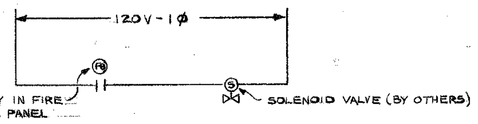
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E-26



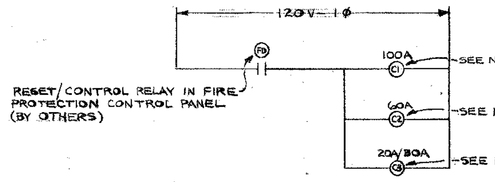
KITCHEN HOOD INTERCONNECTION WITH F.A. SYSTEM

SCALE: NONE



GAS SOLENOID SHUT-OFF VALVE CONTROL DIAGRAM

SCALE: NONE



EQUIPMENT SHUTDOWN CONTROL DIAGRAM

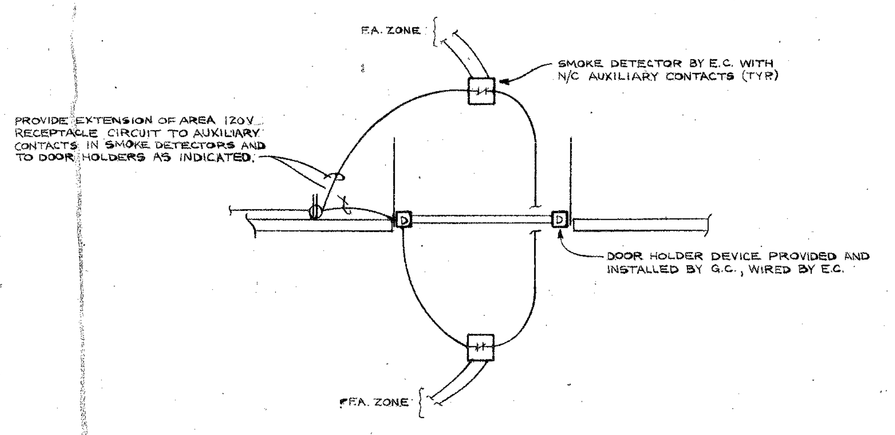
SCALE: NONE

ADDENDUM NO. 2

Fire curtain wiring diagram - Provide 120 volt, 20 amp emergency circuit to motor drive unit, serve from Panel EM2 from additional single pole, 20 amp breakers (maintain four spare breakers indicated).

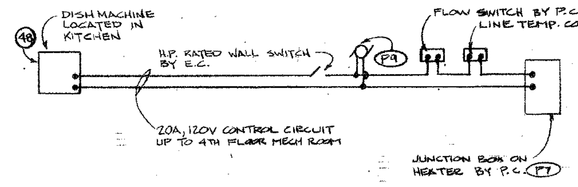
FIRE CURTAIN WIRING DIAGRAM (TYP)

SCALE: NONE



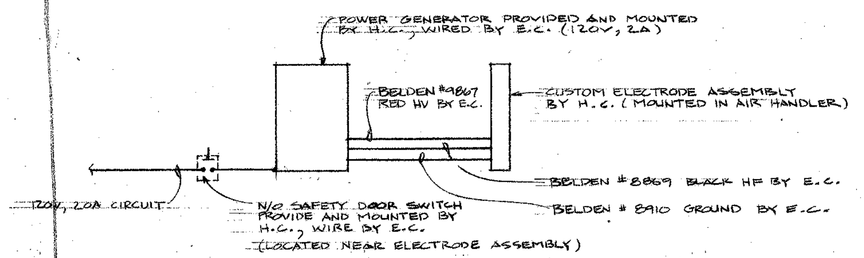
DOOR HOLDER WIRING DIAGRAM (TYP.)

SCALE: NONE



BOOSTER HEATER WIRING DIAGRAM

SCALE: NONE



POWER GENERATOR AIR PURIFICATION WIRING DIAGRAM

SCALE: NONE

MOTORS, STARTERS, DISCONNECTS & CONTROLS

MOTOR NUMBER	PANEL & CKT NO.	SERVICE	MOTOR CHARACTERISTICS: HP OR KW	120V-1Ø	208V-3Ø	208V-1Ø	277V-1Ø	480V-3Ø	LOCATION	STARTER: TYPE: NEMA SIZE	STARTER: TYPE: MAN.	STARTER: TYPE: MAG.	STARTER: TYPE: COMBO	STARTER: LOCATION: SEE REMARKS	DISCONNECT MEANS: TYPE: DISC. SW.	DISCONNECT MEANS: TYPE: CONTACTOR	DISCONNECT MEANS: TYPE: SEE REMARKS	DISCONNECT MEANS: LOCATION: FURNISHED BY	DISCONNECT MEANS: LOCATION: SEE REMARKS	CONTROL: FURNISHED BY	CONTROL: WITH STARTER OR SEPARATE	CONTROL: BY E.C.	CONTROL: BY M.C.	FEEDER: BY E.C. OR BY ELECTRICIAN	FEEDER: WIRE SIZE	FEEDER: COND. SIZE	FEEDER: CONDUIT STYLE	SEE NOTE	REMARKS
H1	39-2	AIR HANDLER-19 (AH-19)	15					●	RM 401	1		●					●						●	3	8	10	¾		
H2	39-8	AH-20 ⑦	15					●	RM 401	1		●					●						●	3	8	10	¾		
H3	MCC-1 -5	AH-21	25					●	RM 417	1		●					●						●	3	6	10	1		
H4	MCC-1 -5	AH-22	15					●	RM 417	1		●					●						●	3	8	10	¾		
H5	MCC-1 -5	AH-23	15					●	RM 417	1		●					●						●	3	8	10	¾		
H6	EC-22	AH-24	10					●	RM 267	1		●				EC	●			EC			●	3	10	10	¾		
H7	39-12	EXHAUST FAN-1 (EF-1)	⅓	●					RM 401	00		●				EC	●			ES	H2			2	12	12	¾		
H8	E-33	EF-5	¼	●					CORRIDOR 174	00		●				EC	●			ES			●	2	12	12	¾		TIME CLOCKS PROVIDED & WIRED BY H.C. (ALT E-1)
H9	F-28	EF-5	¼	●					CORRIDOR 174	00		●				EC	●			ES			●	2	12	12	¾		
H10	F-26	EF-4	¼	●					CORRIDOR 174	00		●				EC	●			ES			●	2	12	12	¾		
H11	E-30	EF-5	¼	●					CORRIDOR 174	00		●				EC	●			ES			●	2	12	12	¾		
H12	12-2	EF-6	¼	●					RM 147	00		●				EC	●			ES	HG		●	2	12	12	¾		
H13	43-16	EF-7	7½					●	NORTH END ROOF	1	●			●		EC	●			ES		●		3	12	12	¾		MANUAL STARTER LOCATED IN KITCHEN
H14	43-13	EF-8	¾					●	NORTH END ROOF	00		●				EC	●			ES	HG		●	3	12	12	¾		
H15	32-31	EF-9	¼	●					RM 417 ROOF	00		●				EC	●			ES	H4			2	12	12	¾		
H16	EXIST.	EF-10	¾					●	NORTH END ROOF		EXIST.					EC	●			ES	EXIST.			3	12	12	¾		EXTEND EXIST. CONTROLS & POWER TO NEW FAN INTERLOCK WITH EXIST UNIT AH-3 - SHEET E-11
H17	35-05	EF-11	1/20	●					NORTH END ROOF			●				EC	●			ES	AH-3		●	2	12	12	¾		
H18	24-14	RETURN AIR FAN-1 (RAF-1)	5					●	RM 401	-		●				EC	●				H1		●	3	12	12	¾		PROVIDE ADJ. FREQ. MOTOR CONT. SPEC. SECTION 16486
H19	36-20	RAF-2	5					●	RM 401	-		●				EC	●				H2		●	3	12	12	¾		
H20	MCC-1 -4	RAF-3	5					●	RM 417	-		●				EC	●				H3		●	3	12	12	¾		
H21	IN-16	EF-12	¼	●					NORTH END ROOF		EXIST.			●		EC	●			ES	EXIST.			2	12	12	¾		EXTEND EXIST. CONTROLS TO NEW FAN
H25	43-8	H.W. CIR. PUMP-1 (HWP-1)	7½					●	BASE 4TH FLR. MECH	0		●				EC	●				EC		●	3	12	12	¾		
H26	43-7	HWP-2	7½					●	4TH FL. ELEC. RM	0		●				EC	●				EC		●	3	12	12	¾		
H27	20-31	HWP-3	1					●	RM. 267	0		●				EC	●				EC		●	3	12	12	¾		
H28	51-2	C.W. CIR. PUMP-1	15					●	BASE 4TH FLR. MECH	0		●				EC	●				EC		●	3	8	10	¾		
H29	40-1	C.W. CIR. PUMP-2	7½					●	4TH FLR. ELEC. RM	0		●				EC	●				EC		●	3	12	12	¾		
H30	11-27	ROOF TOP COOLING UNIT-1 (RTU-1)	15FLA	●					SOUTH END ROOF	-		●				EC	●			ES			●	3	10	10	¾		INCLUDE UNDER ALTERNATE E-1
H31	15-19	RT-2	15FLA	●					SOUTH END ROOF	-		●				EC	●			ES			●	3	10	10	¾		
H32	15-20	RT-3	20FLA	●					SOUTH END ROOF	-		●				EC	●			ES			●	3	10	10	¾		
H33	EM#2	SMOKE EVAC. FAN	25					●	NORTH END ROOF	2		●				EC	●				EC		●	3	4	10	1		
H34	MAU-3	MAKE-UP AIR FAN	7½					●	RM. 417	1		●				EC	●				EC		●	3	12	12	¾		
H36	MCC-1 -5	A.T.C. COMPRESSOR	3.3					●	RM. 417	-		●				EC	●			ES			●	3	12	12	¾		
H38	51-29	REFRIG. AIR DRYER	½	●					RM. 417	00		●				EC	●				EC		●	2	12	12	¾		
EXIST.		AH-6	7½					●	RM. 266	-			●				●				EXIST.			EXIST.					INCLUDE ADJ. FREQ. MOTOR CONT. SPEC. SECTION 16486
EXIST.		AH-8	10					●	RM. 251	-			●				●				EXIST.			EXIST.					
EXIST.		AH-10	15					●	RM. 414	-			●				●				EXIST.			EXIST.					
EXIST.		AH-17	10					●	BASE 4TH FLR. MECH	-			●				●				EXIST.			EXIST.					
P1	12-19 thru 12-24	WATER HEATER	9KW	●					RM 173	-					●					EC			●	3	8	10	¾		INCLUDE UNDER ALTERNATE E-1
P2	12-26	RECIRC. PUMP	½	●					RM 173	-					●					EC	SEE REMARKS			2	12	12	¾		REFER TO SHEET E-9 NOTE 4
P3	12-20 12-25	H.P. WASHER	3.1KW			●			RM 169, 194	-					●					EC	SEE REMARKS			2	10	10	¾		UNIT IN RM. 169 - ALT E-1, UNIT IN RM. 194 - SEE NO.
P5	38-34	PUMP	½	●					RM 401	-		●				EC	●			EC	SEE REMARKS		●	2	12	12	¾		REFER TO NOTE 3, SHT E-27
P6	31-33	WATER HEATER	4.1KW			●			RM 417	-					●					EC				2	8	8	¾		
P7	SEE DETAIL	BOOSTER WATER HEATER							BASE 4TH FLOOR MECH.						●									2	12	12	¾		SEE DETAIL THIS SHEET
E1	MCC-1-9	ELEVATOR E-1	30					●	RM. 114	-			●				●			EC			●	3	8	8	1		
E2	DP1-6	ELEVATOR E-2	20					●	RM 936A	-			●				●			EC			●	3	8	10	¾		ALTERNATE E-2
E3	MCC-17	ESCALATOR ES-1	10					●	2ND FLR. PIT	-			●				●			EC			●	3	12	12	¾		
E4	MCC-18	ESCALATOR ES-2	10					●	2ND FLR. PIT	-			●				●			EC			●	3	12	12	¾		
E5	MCC-19	ESCALATOR	10					●	3RD FLR. PIT	-			●				●			EC			●	3	12	12	¾		
E6	MCC-110	ESCALATOR	10					●	3RD FLR. PIT	-			●				●			EC			●	3	12	12	¾		
P8	32	RECIRCULATING PUMP	1/12						EXISTING 4TH FLOOR MECH. ROOM	-										EC	SEE REMARKS			2	12	12	¾		PROVIDE 15 AMP RATED SWITCH
P9	SEE DETAIL	RECIRCULATING PUMP	1/6						EXISTING 4TH FLOOR MECH. ROOM	-										EC	SEE REMARKS			2	12	12	¾		PROVIDE 15 AMP RATED SWITCH

BULLETIN No. 15

Reference Sheet E27. Revise motor starter schedule as follows: Provide NEMA 1 starters for H25, H16, H12 & NEMA 2 starter for H28.

ADDENDUM NO. 1 — H2, H13, H27, H28, H30, H36, H38, P3

ADDENDUM NO. 2 — H13

NOTES

1. CIRCUIT SHALL BE WIRED THROUGH 8 POLE REMOTE CONTROL SWITCH - REFER TO SHEET E5, NOTE 16.
2. PROVIDE RECEPTACLE FOR CORD AND PLUG CONNECTION TO EQUIPMENT - COORDINATE EXACT TYPE AND MOUNTING WITH EQUIPMENT SUPPLIER.
3. PROVIDE REQUIRED WIRING BETWEEN CONTROL PANEL AND DISPOSER - COORDINATE WITH EQUIPMENT SUPPLIER.
4. CIRCUIT SHALL BE WIRED THROUGH REMOTE CONTROL SWITCH - REFER TO SHEET E-5, NOTE 17.
5. CIRCUIT SHALL BE WIRED THROUGH REMOTE CONTROL SWITCH - REFER TO SHEET E-5, NOTE 18.
6. Kitchen equipment schedule - circuits indicated to be served by Panel 1X shall be served by Panel 1J; circuits indicated to be served by 1Y shall be served by 1K.

ADDENDUM NO. 1

7. Provide 40 amp breaker in lieu of 50 amp breaker in Panel 3G, Circuit No. 8. This is due to a 15 HP motor in lieu of a 20 HP motor being provided for A/H-20.

BULLETIN No. 3

8. No. 90, 60 Gallon Tilting Kettle - 14.8KW, 208V, 3 Phase: Provide disconnect and connection to equipment, 3 - #6, 1 - #10 grade, 1" conduit. Wire as indicated per Note No. 4, Sheet E-27. Serve from 60A, 3 pole breaker in Panel 1T, space 25, in lieu of 40A breaker indicated.
9. No. 109, Ice Machine - 16.7A, 208V, 1 Phase: Provide direct connection to equipment 2 - #10, 1 - #10 grade, 3/4" conduit. Provide 30A, 2 pole breaker in Panel 1S in lieu of 20A breaker indicated to serve this circuit.

KITCHEN EQUIPMENT SCHEDULE

EQUIPMENT NUMBER	CIRCUIT NUMBER	DESCRIPTION	CHARACTERISTICS: HP OR KW	120V-1Ø	208V-1Ø	208V-3Ø	277V-1Ø	480V-3Ø	DISCONNECT MEANS: FURNISHED BY	DISCONNECT MEANS: SEE REMARKS	FEEDER: TYPE OF ELEC. CONNECTION	FEEDER: CONDUIT MOUNTING	FEEDER: CONDUIT HEIGHT ABOVE FLOOR	FEEDER: WIRE SIZE	FEEDER: GROUND WIRE SIZE	FEEDER: CONDUIT SIZE	SEE NOTE	REMARKS
1	1Y-2	BUG ELECTROCUTOR	.02KW	●						●	P&C	72"		●	2	12	12	¾	2	
7	1X-1	DISPOSER	3 HP		●					●	DIRECT	24"			3	12	12	¾		
8	1Y-1	VEG. WALK-IN REFRIG.	1.1KW	●						●	DIRECT	84"-60"			2	12	12	¾		
9a	1Y-3	VEG. REFRIG. EVAPOR.	1.01KW	●						●	DIRECT	84"-60"			2	12	12	¾		
9b	1X-7	VEG. REFRIG. COND. UNIT	3 HP		●		●				DIRECT	24"			3	12	12	¾		INTERLOCKED LIQUID LINE SOLENOID VALVE W/TIME CLOCK
12	1X-8	FOOD CUTTER	1 HP		●			●			P&C	48"		●	2	12	12	¾	2	
15	1Y-5	20 QT. MIXER	½ HP	●						●	P&C	48"		●	2	12	12	¾	2	
16	1Y-7	SLICER	¼ HP	●						●	P&C	48"		●	2	12	12	¾	2	
20	1Y-9	MEAT WALK-IN REFRIG.	.9 KW	●						●	DIRECT	84"-60"			2	12	12	¾		
21a	1Y-11	MEAT REFRIG. EVAPOR.	.76KW	●						●	DIRECT	84"-60"			2	12	12	¾		
21b	1X-13	MEAT REFRIG. COND. UNIT	1½ HP		●		●				DIRECT	60"			3	12	12	¾		SAME REMARK AS 9b
26	1Y-13	WALK-IN FREEZER	1.4 KW	●						●	DIRECT	84"-60"			2	12	12	¾		
27a	1X-12	FREEZER EVAPOR.	3.4 KW	●						●	DIRECT	84"-60"			2	10	10	¾		
27b	1X-19	FREEZER COND. UNIT	3 HP		●		●				DIRECT	24"			3	12	12	¾		SAME REMARK AS 9b
27c	1Y-15	DEFROST SYSTEM	1 KW				●			●	P&C	84"-0"		●	2	12	12	¾	2	
30	1X-25	80 QT. MIXER	1½ HP		●			●		●	DIRECT	40"			3	12	12	¾		
31	1T-1	VERT. CUTTER/MIXER	5 HP		●			●		●	P&C	48"		●	3	10	10	¾	2	
39	1Y-17	WATER AGITATOR	⅓ HP	●						●	P&C	24"		●	2	12	12	¾	2	
40	1Y-19	POT SCRUBBER	⅓ HP	●						●	P&C	52"		●	2	12	12	¾	2	
41	1X-31	DISPOSER	5 HP		●			●		●	DIRECT	24"			3	12	12	¾	3	
42	1T-7	SINK SANITIZER	9 KW		●		●				DIRECT	18"			3	8	10	¾		
47	1T-3	DISHWASHER	5 HP		●			●		●	DIRECT	24"			3	10	10	¾	3	
48a	DP1-8	DISH MACHINE	50 KW 208V 3Ø 57.7KW					●		●	DIRECT	72"			3	½	6	1½		
48b	DP1-8	BOOSTER HEATER	54KW					●		●	DIRECT	72"			3	3	8	1¼		
52	1Y-21	DISH CONVEYOR	½ HP					●		●	P&C	12'		●	2	12	12	¾	2	
58	1Y-38	COFFEE URN	3.6 KW 3 KW	●						●	P&C DIRECT	42"		●	2	12	12	¾	2	
59	1Y-23 1Y-25	COFFEE HOLDING URN	1.5A	●						●	P&C	42"		●	2	12	12	¾	2	
62a 62b	1X-16 1X-20	ICE MACHINE	22.8A	●						●	DIRECT	78"			2	10	10	¾		
64	1Y-2	COMPACTOR	8.4 A	●						●	P&C	50"		●	2	12	12	¾	2	
66a	1Y-4	TRASH RM. EVAPOR.	.23KW	●						●	DIRECT	84"-60"			2	12	12	¾		
66b	1Y-6	TRASH RM. COND. UNIT	½ HP	●							DIRECT	60"			2	12	12	¾		SAME REMARK AS 9b
68	1Y-8	REFRIGERATOR	.56KW	●						●	P&C	90"		●	2	12	12	¾	2	
70	1X-26 1Y-22	MOBILE OVEN (4 REQ'D)	8.2 KW	●						●	P&C	78"		●	2	8	10	¾	2	
77	1Y-10	PREPARED PRODUCT WALK-IN REFRIG.	1.0 KW	●						●	DIRECT	84"-60"			2	12	12	¾		
78	1Y-16	PREPARED PRODUCT WALK-IN FREEZER	1.4 KW	●						●	DIRECT	84"-60"			2	12	12	¾		
79a	1X-24	REF. EVAPOR.	.92 KW	●						●	DIRECT	84"-60"			2	12	12	¾		
79b	1X-37	PREPARED PRODUCT REF. CONDENS. UNIT	3 HP		●		●				DIRECT	24"			3	12	12	¾		SAME REMARK AS 9b
80a	1X-28	PREPARED PRODUCT FREEZER EVAPOR.	2.3 KW	●						●	DIRECT	84"-60"			2	12	12	¾		
80b	1X-27	PREPARED PRODUCT FREEZER CONDENS. UNIT	2 HP		●		●				DIRECT	60"			3	12	12	¾		SAME REMARK AS 9b
84	1Y-14	SLICER	⅓ HP	●						●	P&C	48"		●	2	12	12	¾	2	
87	1Y-34	HEATED HOLDING CABINET	4.2 KW					●		●	P&C	48"		●	2	10	10	¾	1,2	
88	DP1-29	ROLL-IN-OVEN	5 KW			●		●			DIRECT	14"			3	3	8	1¼	5	
89a 89b	1Y-30,32 1X-30	DOUBLE DECK CONVECTION OVEN	20 KW 30 KW					●		●	P&C DIRECT	48"		●	2	12	12	¾	1,2	
90	1Y-35	60 GAL. TILTING KETTLE	14.8 KW			●					DIRECT	24"			3	8	10	1¼	4	
91	1X-23	5 COMPARTMENT CONVECTION STEAMER	3 KW	●						●	DIRECT	20"			2	12	12	¾	1	
92	1Y-28	DEEP FAT FRYER	12 KW	●						●	P&C	12'		●	2	12	12	¾	1,2	
93	1Y-26	TILTING BRAISING PAN	3 KW	●						●	DIRECT	16"			2	12	12	¾	1	
94	1Y-29	PRESSURE STEAMER	3 KW	●						●	DIRECT	18"			2	12	12	¾	1	
95	1Y-30	VENTILATOR (HOOD LIGHTS)	1.2 KW	●						●	DIRECT	10'-0"			2	12	12	¾		
98	1Y-32	BROILER	1 KW	●						●	P&C	48"		●	2	12	12	¾	1,2	
106	1Y-18	REFRIGERATOR	.88 KW	●						●	P&C	90"		●	2	12	12	¾	2	
107	1Y-18 1Y-31	COFFEE URN	1.8 KW 1.5 KW	●						●	P&C DIRECT	48" 42"		●	2 3	12 6	12 10	¾ 1	2	
109	~~1Y-36~~	ICE MACHINE	2.5 KW	●						●	DIRECT	66"			2	12	12	¾		

STATE OF OHIO — REGISTERED PROFESSIONAL ENGINEER — 28807 T. J. PERGELAKIS, T. E. MONNIG 20705, B. J. WERLING 22868, H. J. PEARSON 24483, R. R. WEBER 41295

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REVISIONS
⚠ 12-1-85 RECORD DRG. REVISIONS

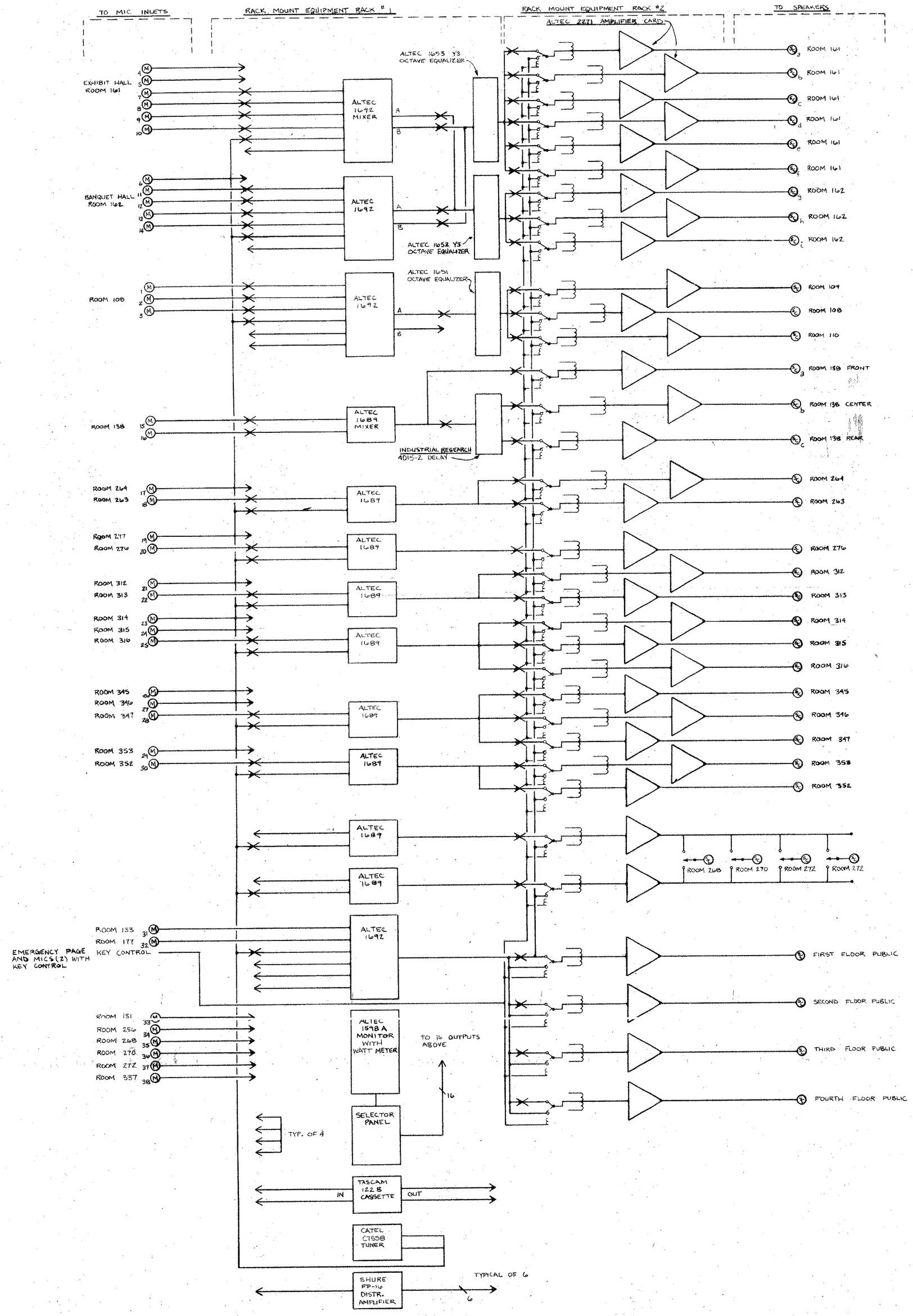
RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513 224 1931

DATE 6-9-86
DRAWN BY ALM
CHECKED BY MBY
PROJECT NO. 5711.00

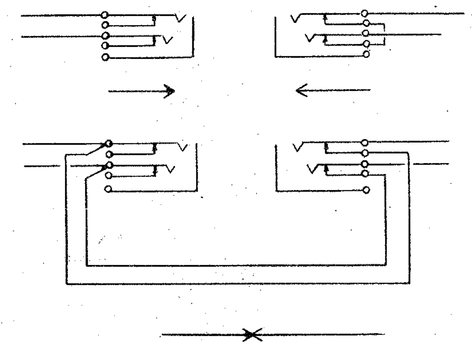
E-27

KITCHEN EQUIP. & MOTOR SCHEDULES & DETAILS
SCALE: NONE



SOUND SYSTEM SINGLE LINE DIAGRAM

SCALE: NONE



PATCH BAY WIRING

SCALE: NONE

STATE OF OHIO
20857
T. J. FENDELMAN
T. E. MONNIG 20762
R. J. WERLING 53048
R. J. PEARSON 24552
R. R. WEBER 41385
REGISTERED PROFESSIONAL ENGINEER

PRINTING

REVISIONS

RENOVATION AND EXPANSION OF
DAYTON CONVENTION CENTER
FIFTH AND MAIN STREETS
DAYTON, OHIO

LEVIN · PORTER · ASSOCIATES · INC
ARCHITECTURE PLANNING
24 North Jefferson Street
Dayton, Ohio 45402
513/224-1931

DATE 6-9-86
DRAWN BY MTB
CHECKED BY RRW
PROJECT NO. 5741.00

E-28

NOTES

1 LIGHT POLE FOUNDATION, 36" DIAMETER, 9'-6" DEPTH, ITEM 625. CONTRACTOR IS TO PROVIDE AND INSTALL 1-3/4" DIA. X 90" ANCHOR BOLTS. CONTRACTOR IS TO ENLARGE HOLES IN EXISTING COVERPLATE TO ACCOMMODATE THE ANCHOR BOLTS.

2 3" PVC, CONCRETE ENCASED, ITEM 625.

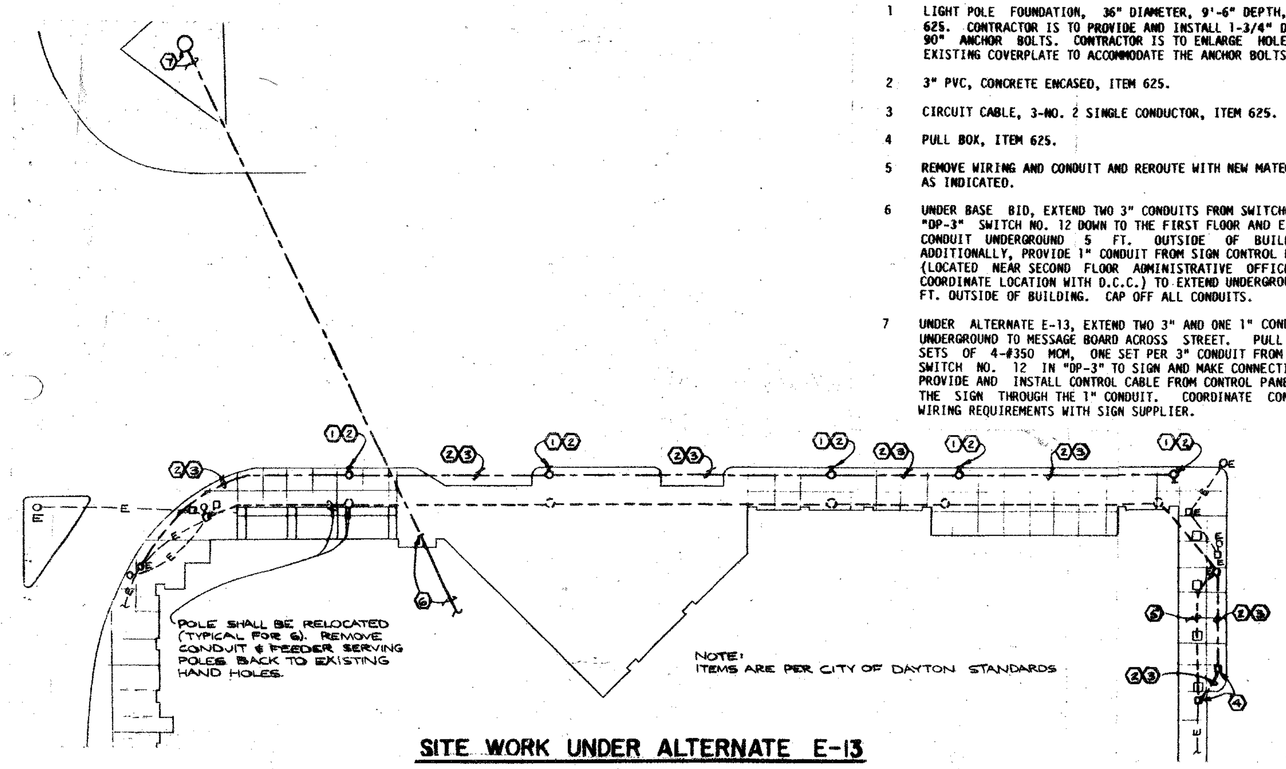
3 CIRCUIT CABLE, 3-NO. 2 SINGLE CONDUCTOR, ITEM 625.

4 PULL BOX, ITEM 625.

5 REMOVE WIRING AND CONDUIT AND REROUTE WITH NEW MATERIALS AS INDICATED.

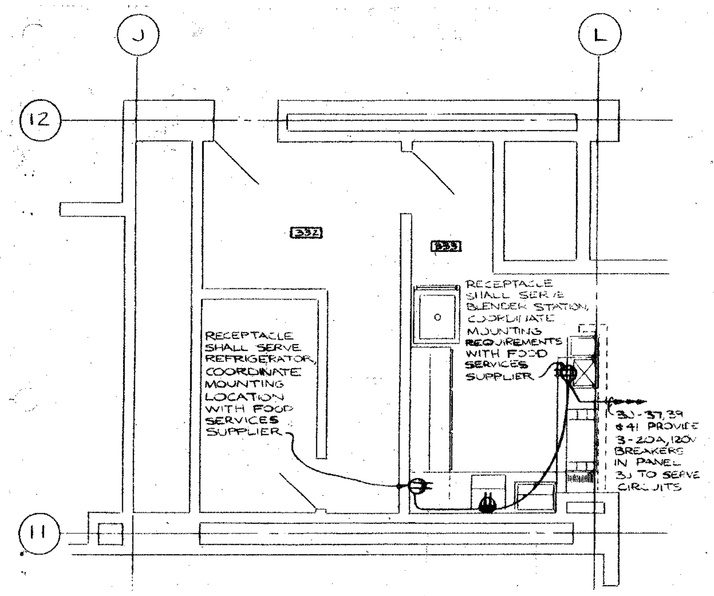
6 UNDER BASE BID, EXTEND TWO 3" CONDUITS FROM SWITCHBOARD "DP-3" SWITCH NO. 12 DOWN TO THE FIRST FLOOR AND EXTEND CONDUIT UNDERGROUND 5 FT. OUTSIDE OF BUILDING. ADDITIONALLY, PROVIDE 1" CONDUIT FROM SIGN CONTROL PANEL (LOCATED NEAR SECOND FLOOR ADMINISTRATIVE OFFICES - COORDINATE LOCATION WITH O.C.C.) TO EXTEND UNDERGROUND 5 FT. OUTSIDE OF BUILDING. CAP OFF ALL CONDUITS.

7 UNDER ALTERNATE E-13, EXTEND TWO 3" AND ONE 1" CONDUIT, UNDERGROUND TO MESSAGE BOARD ACROSS STREET. PULL TWO SETS OF 4-#350 MCM, ONE SET PER 3" CONDUIT FROM 600A SWITCH NO. 12 IN "DP-3" TO SIGN AND MAKE CONNECTIONS. PROVIDE AND INSTALL CONTROL CABLE FROM CONTROL PANEL TO THE SIGN THROUGH THE 1" CONDUIT. COORDINATE CONTROL WIRING REQUIREMENTS WITH SIGN SUPPLIER.



SITE WORK UNDER ALTERNATE E-13

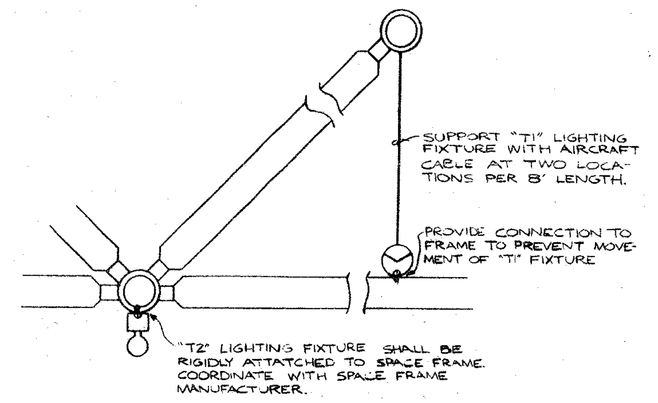
DAYTON CONV. CTR.
ADDENDUM NO. 1
JUNE 26, 1986
SKETCH NO. A1-E4



V.I.P BAR

SCALE: 1/4"=1'0"

DAYTON CONV. CTR.
ADDENDUM NO. 1
JUNE 26, 1986
SKETCH NO. A1-E1

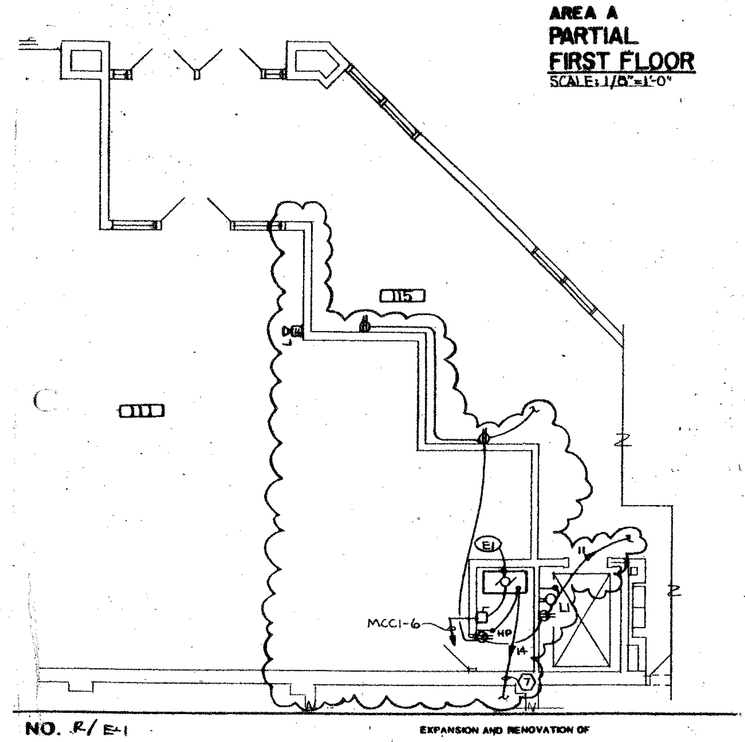


SPACE FRAME FIXTURE MOUNTING DETAIL

SCALE: NONE

DAYTON CONV. CTR.
ADDENDUM NO. 1
JUNE 26, 1986
SKETCH NO. A1-E3

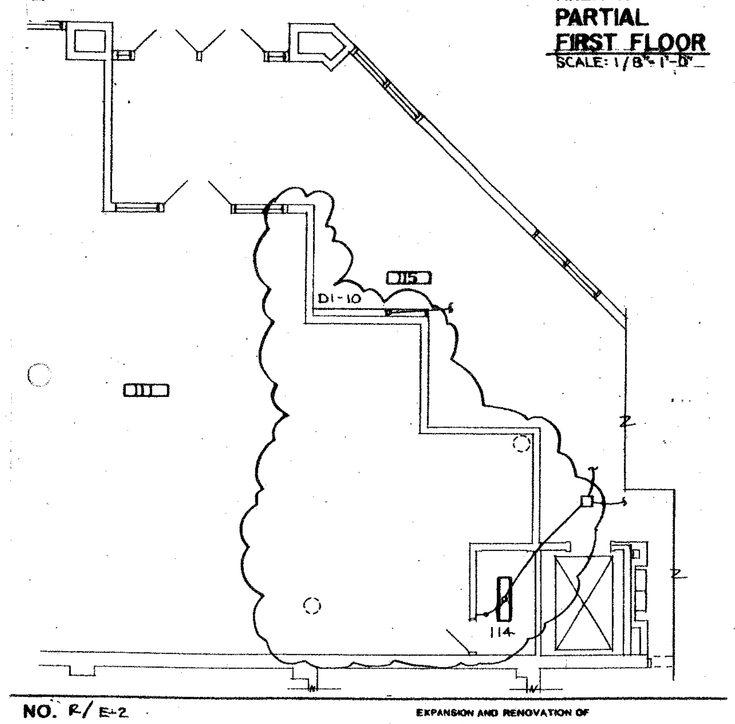
AREA A
PARTIAL
FIRST FLOOR
SCALE: 1/8"=1'-0"



NO. R/E-1
DATE: 7/13/86
LEVIN PORTER ASSOCIATES INC.

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

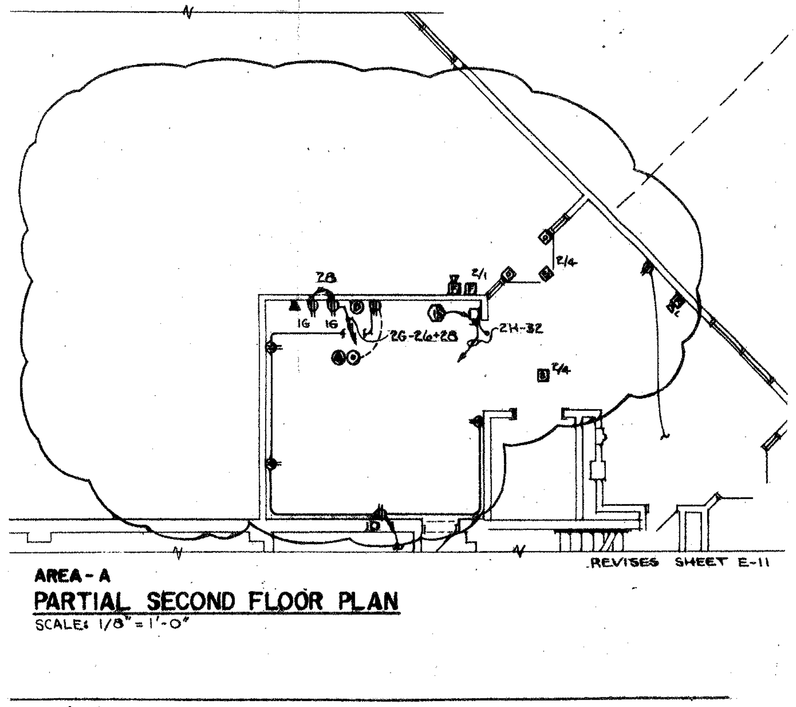
AREA A
PARTIAL
FIRST FLOOR
SCALE: 1/8"=1'-0"



NO. R/E-2
DATE: 7/13/86
LEVIN PORTER ASSOCIATES INC.

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

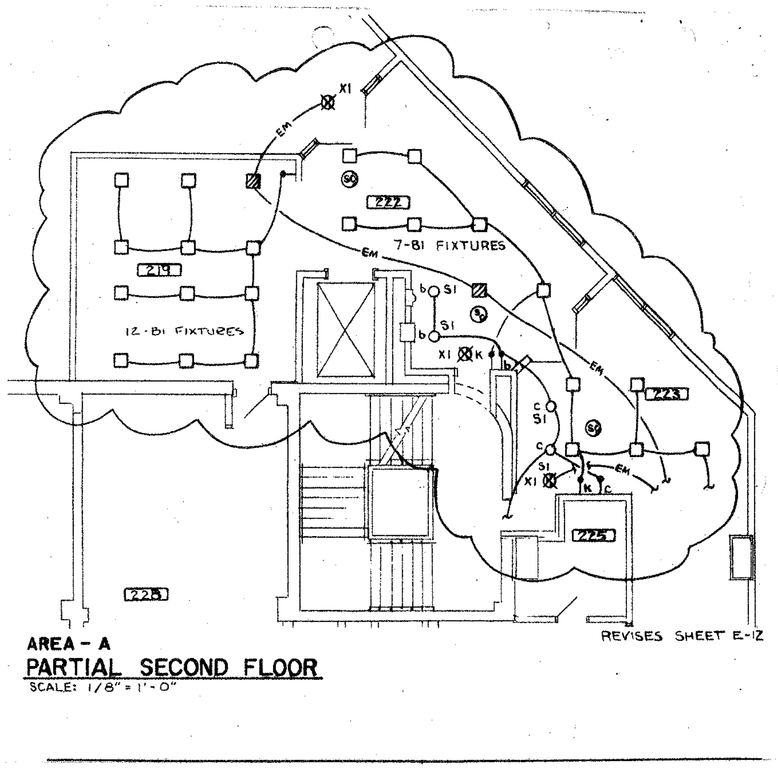
AREA A
PARTIAL
FIRST FLOOR
SCALE: 1/8"=1'-0"



AREA - A
PARTIAL SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

NO. R/E-3
DATE: 7/13/86
LEVIN PORTER ASSOCIATES INC.

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

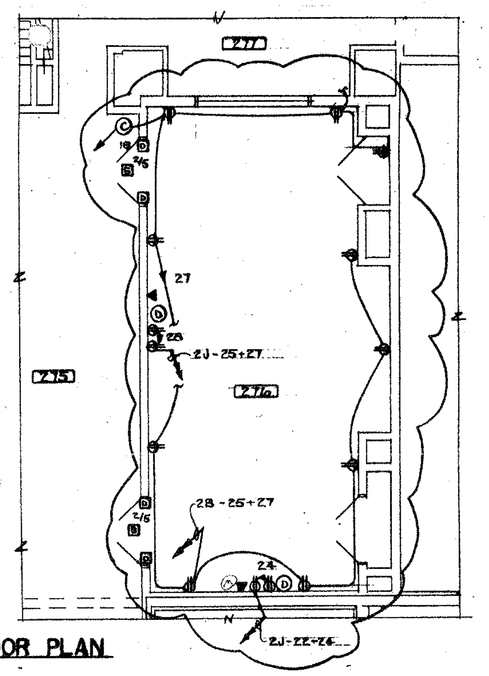


AREA - A
PARTIAL SECOND FLOOR
SCALE: 1/8" = 1'-0"

NO. R/E-4
DATE: 7/13/86
LEVIN PORTER ASSOCIATES INC.

EXPANSION AND RENOVATION OF
DAYTON CONVENTION
AND
EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

RECORD DRAWING - REVISION DETAILS



AREA-B

PARTIAL SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0"

NO. R/E-5

DATE: AUG 26 1986

LEVIN PORTER ASSOCIATES INC.

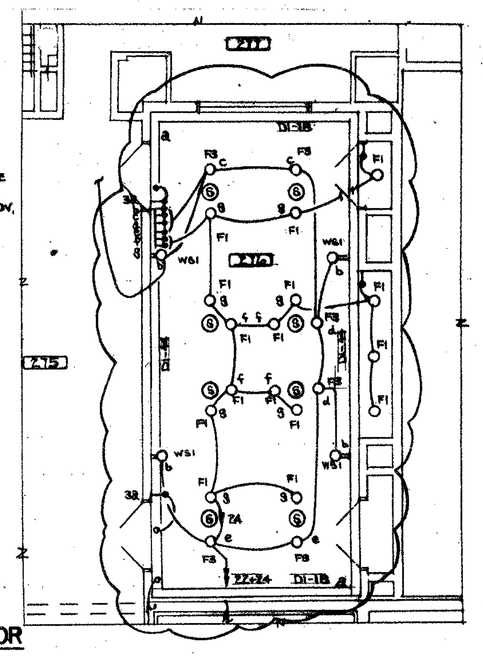
EXPANSION AND RENOVATION OF

DAYTON CONVENTION AND EXPOSITION CENTER

22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

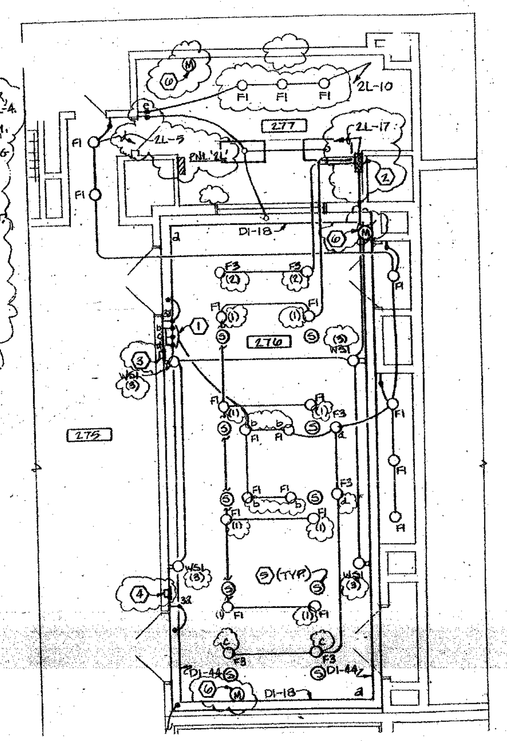
NOTE:

SWITCHES b,C,d,e,f SHALL BE INCANDESCENT SLIDE DIMMER SWITCHES - HUNT NO. SC-6, 600W, 120V, SINGLE GANG. SWITCH g SHALL BE HUNT NO. SC-10, 1000W, 120V, SINGLE GANG.



NOTES ○

1. SWITCHES: ○, ○ SHALL BE INCANDESCENT SLIDE DIMMER SWITCHES - HUNT-MID SC-10, 1000W, 120V SINGLE GANG.
2. LIGHTING DIMMING PNL. PROVIDED BY AUDIO-VISUAL CONTRACTOR INSTALLED & WIRED BY E.C. 3 ZONE PANEL BY CRESTRON® CLE-3
3. MASTER CONTROL PNL. AND WIRE TO DIMMER PNL. IN RM. 277 TO BE PROVIDED BY A/V CONTR. (DIMMER PNL: CRESTRON® CLD-4) E.C. TO PROVIDE FLUSH MOUNT 2-GANG AND CONDUIT TO DIMMER PNL. IN ROOM 277.
4. SLAVE CONTROL PNL AND WIRE BY A/V CONTR. PNL TO BE WIRED IN PARALLEL WITH MASTER CONTROL PANEL. SLAVE CONTROL PNL TO BE CRESTRON® CLP-4 (4-BUTTON) E.C. TO PROVIDE FLUSH MOUNT 1-GANG BOX AND CONDUIT.
5. PROVIDE TOTAL OF 10 CEILING SPEAKERS, EXTEND WIRING TO SOUND EQUIPMENT IN RM. 277. SPEAKERS SHALL NOT BE CONNECTED TO BLDG. SOUND RACK AMP & MIXER IN BLDG. SOUND RACK SHALL BECOME SPARE.
6. A/V CONTR TO PROVIDE MICROPHONE OUTLET & WIRING FROM OUTLET TO SOUND EQUIPMENT IN ROOM 277. E.C. TO PROVIDE RECESSED 1-GANG BOX FOR OUTLETS & CONDUIT FROM BOX TO SOUND EQUIP. IN ROOM 277.



AREA-B
PARTIAL SECOND FLOOR
SCALE: 1/8"=1'-0"

REVISES BULLETIN NO.1, SHEET E/E-6

NO. R/E-19 (Bulletin No. 20)
DATE : 12/23/87

LEVIN-PORTER-ASSOCIATES-INC
ARCHITECTURE PLANNING

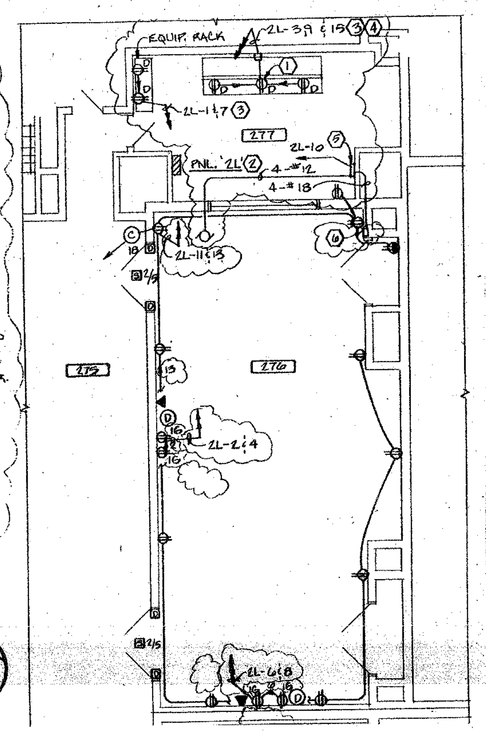
EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, OH

PANEL:			MOUNTING: SURFACE				
CONNECTED LOAD:	10.9 KW		DEMAND LOAD:	6.9 KW (20A)			
MAINS: 60A M.L.O.			208Y/120V, 3Ø-4W				
REMARKS	KW	BKR	CKT NO.		BKR	KW	REMARKS
	1.0-R	20-1	1	2	20-1	.2-R	
	1.0-K	15-1	3	4		.2-R	
	1.4-L	20-1	5	6		.2-R	
	1.0-R	20-1	7	8		.2-R	
	1.0-K	15-1	9	10		.9-M	SCREEN
	1.2 M/M	20-1	11	12			SPARE
	1.2-R	20-1	13	14			SPACE
	1.0-R	15-1	15	16			
	1.3-L	20-1	17	18			

ABBREVIATIONS: M.L.O. - MAIN LUGS ONLY, R-RECEPTACLE, M-MOTOR, L-LIGHTING

NOTES ○

1. PROVIDE JUNCTION BOX IN WALL, EXTEND CONDUIT UNDER PLATFORM TO PROJECTOR, RACK MOUNT DOUBLE DUPLEX RECEPTACLES IN RACK, EXACT LOCATION PER AUDIO-VISUAL CONTRACTOR.
2. 208Y/120, 4W-3W PNL. 2L, SERVE FROM NEW 100A, 3 POLE BKR. IN PNL. 1A, (4-#8 G, 1-#10 GRD, 1 1/4" C)
3. CIRCUITS SHALL BE SERVED FROM SAME PHASE LEG. PROVIDE SEPARATE NEUTRALS.
4. PROVIDE #10 CONDUCTORS.
5. PROJECTION SCREEN PNL. FURNISHED BY A/V CONTRACTOR, INSTALLED & WIRED BY E.C.
6. LOW VOLTAGE PROJECTION SCREEN CONTROL STATION FURNISHED AND INSTALLED BY A/V CONTR. TO PROJECTION SCREEN PNL. (IN RM. 277.) E.C. TO PROVIDE EBERSOLD 1-GANG BOX & INTERCONNECTING CONDUIT.
7. 20A-120V-1PH. DOUBLE DUPLEX RECEPTACLE (1'-6" M.H.) HUBBELL 5362-I.



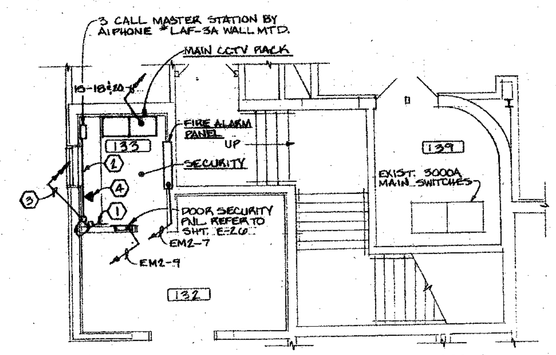
AREA-B
PARTIAL SECOND FLOOR
SCALE: 1/8"=1'-0"

REVISES BULLETIN NO.1,

NO. R/E-18 (Bulletin No. 20)
DATE : 12/23/87

LEVIN-PORTER-ASSOCIATES-INC
ARCHITECTURE PLANNING

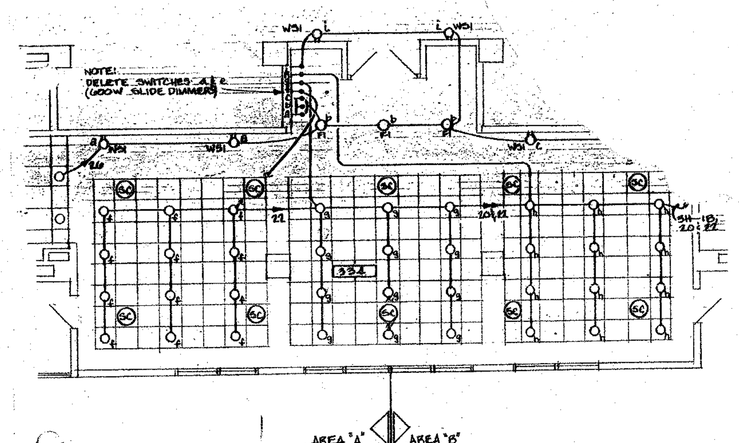
EXPANSION AND RENOVATION OF
DAYTON CONVENTION AND EXPOSITION CENTER
22 DAVE HALL PLAZA
FIFTH AND MAIN STREETS, DAYTON, O



PARTIAL FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

NOTES ○

1. FOUR HORIZONTAL 4' SECTIONS OF PLUGMOLD BY WIREMOLD® 6B SERIES WITH 6 RECEPTACLES PER SECTION (6" O.C.) SPACE VERTICALLY ABOVE COUNTER TO ACCOMODATE PLUG IN BATTERY PHONES.
2. 8' SECTION OF PLUGMOLD BY WIREMOLD® 6BA SERIES WITH RECEPTACLES (1' O.C.) MOUNT ON WALL MIDPOINT BETWEEN COUNTER TOP BACK-SPLASH OF COUNTER. PAINT TO MATCH PLASTIC LAMINATE.
3. SERVE FROM 3-PHASE 20A, 120V BREAKERS IN PANEL 1A.
4. MOUNT PHONE OUTLET JUST ABOVE COUNTER TOP.


NOTE:
DELETE SWITCHES ○ & ○ (600W SLIDE DIMMER)
WH
WH
WH