

BALZHISER, HUBBARD ASSOCIATES
MECHANICAL & ELECTRICAL ENGINEERS
880 MARSHLEY STREET, TIGER, OREGON 97141

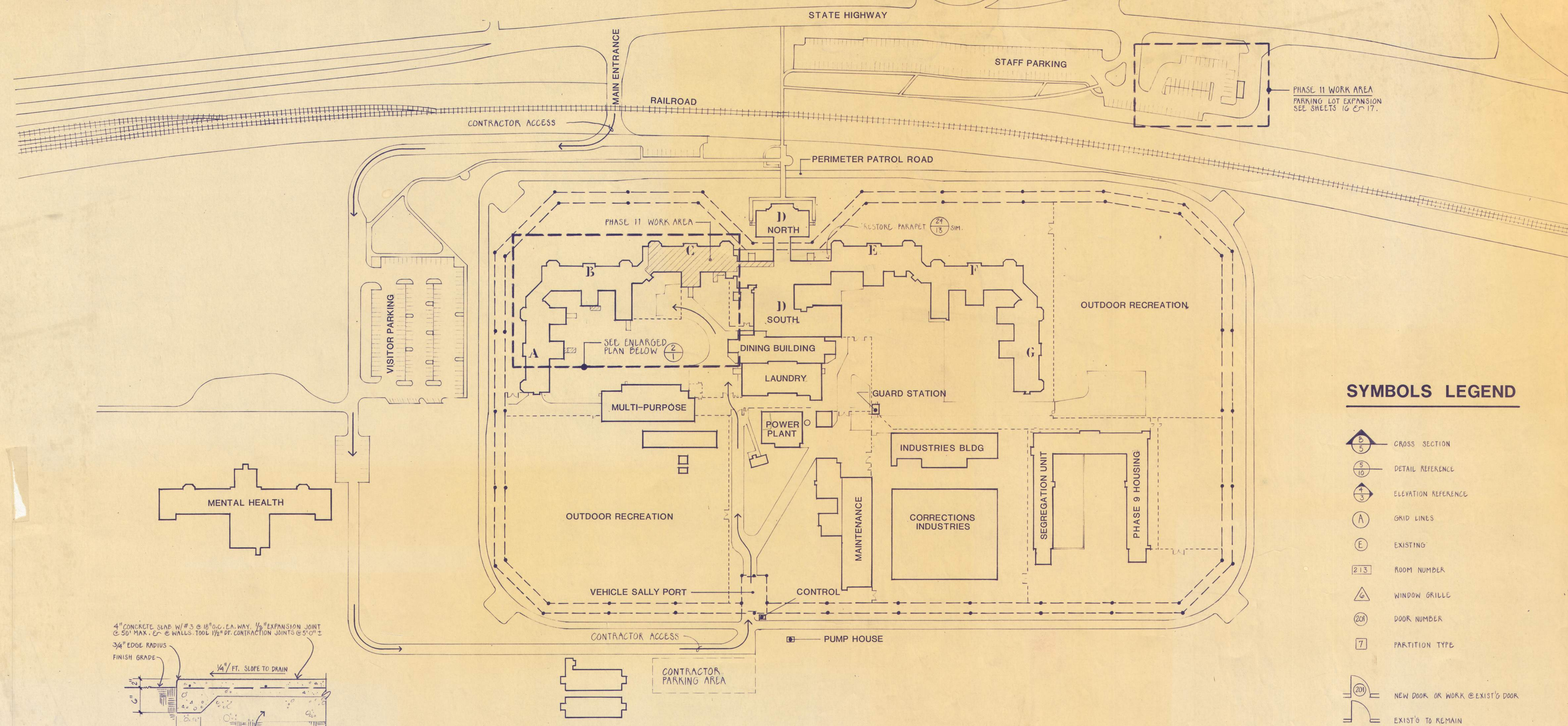
LLOYD BOND & ASSOCIATES
LANDSCAPE ARCHITECT
1837 OAK STREET, TIGER, OREGON 97141

FRANK HONEY
STRUCTURAL ENGINEER
1838 E. W. LAUREL LEAF LANE, PORTLAND, OREGON 97215

EASTERN OREGON CORRECTIONAL INSTITUTION - PHASE 11
PENDLETON, OREGON

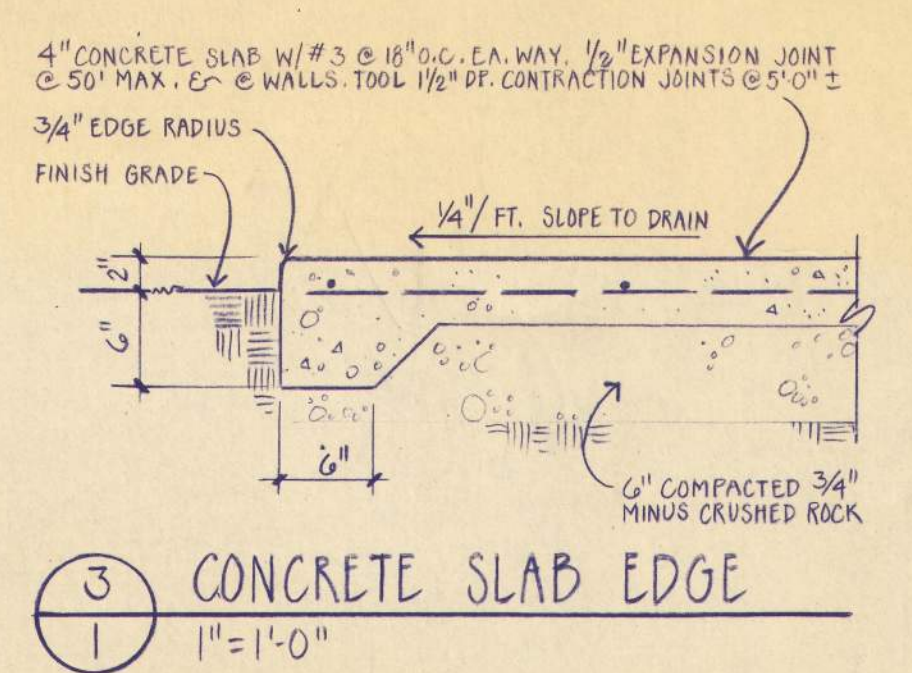
WEGROUP pc/ ARCHITECTS & PLANNERS
OREGON STATE CORRECTIONS DIVISION

122 S. W. THIRD AVENUE, PORTLAND, OREGON 97204 (503) 223-1181
863 THIRTEENTH AVENUE EAST, EUGENE, OREGON 97401 (503) 344-3849



SYMBOLS LEGEND

- CROSS SECTION
- DETAIL REFERENCE
- ELEVATION REFERENCE
- GRID LINES
- EXISTING
- ROOM NUMBER
- WINDOW GRILLE
- DOOR NUMBER
- PARTITION TYPE
- NEW DOOR OR WORK @ EXIST'G DOOR
- EXIST'G TO REMAIN
- REMOVE EXIST'G



SITE PLAN
1" = 100'-0"

INDEX OF DRAWINGS

ARCHITECTURAL

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MECHANICAL

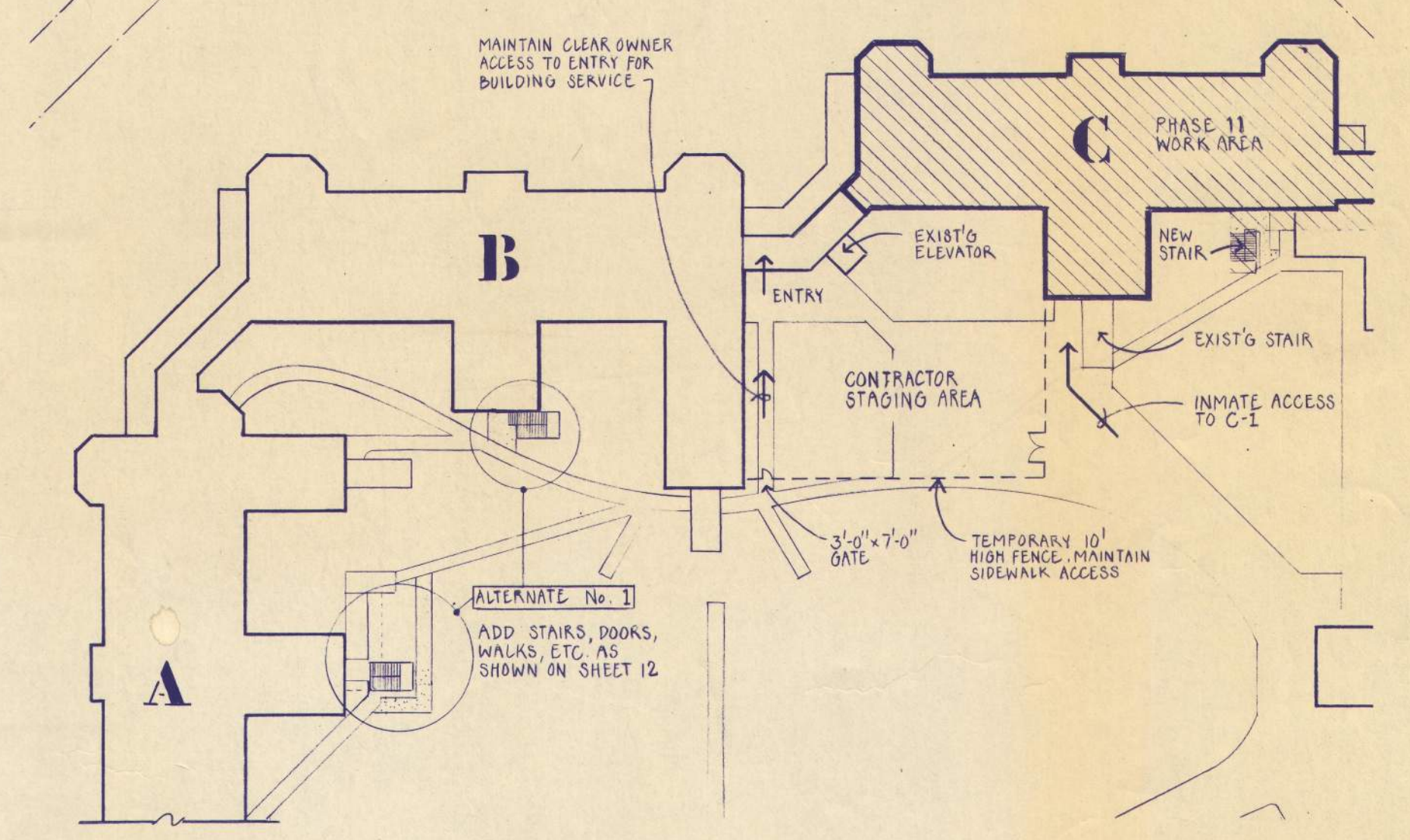
- | | |
|-----|----------------------------------|
| M-1 | C-2 FLOOR PLAN - HVAC |
| M-2 | C-3 FLOOR PLAN - HVAC |
| M-3 | C-4 FLOOR PLAN - HVAC |
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| M-8 | C-4 FLOOR PLAN - PLUMBING |

ELECTRICAL

- | | |
|------|---|
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| E-2 | C-2 FLOOR PLAN - LIGHTING |
| E-3 | C-3 FLOOR PLAN - LIGHTING |
| E-4 | C-4 FLOOR PLAN - LIGHTING |
| E-5 | C-2 FLOOR PLAN - POWER AND SIGNAL |
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LANDSCAPE

16. PARKING LOT EXPANSION PLAN
17. PARKING LOT PLANTING PLAN



NOTED

AUG 27 1990
G.H. BALDWIN, JR.
SUPERINTENDENT
EOCI

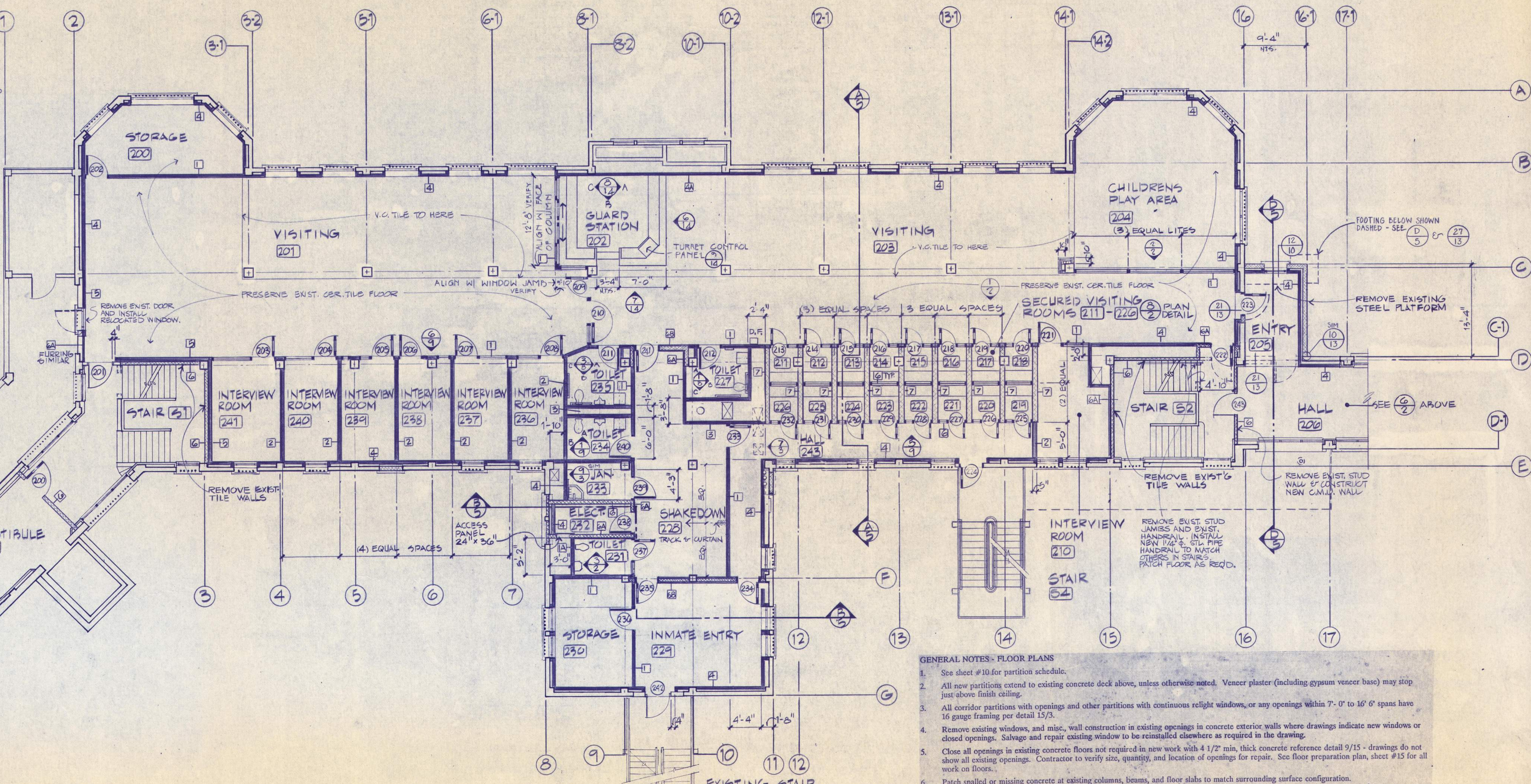
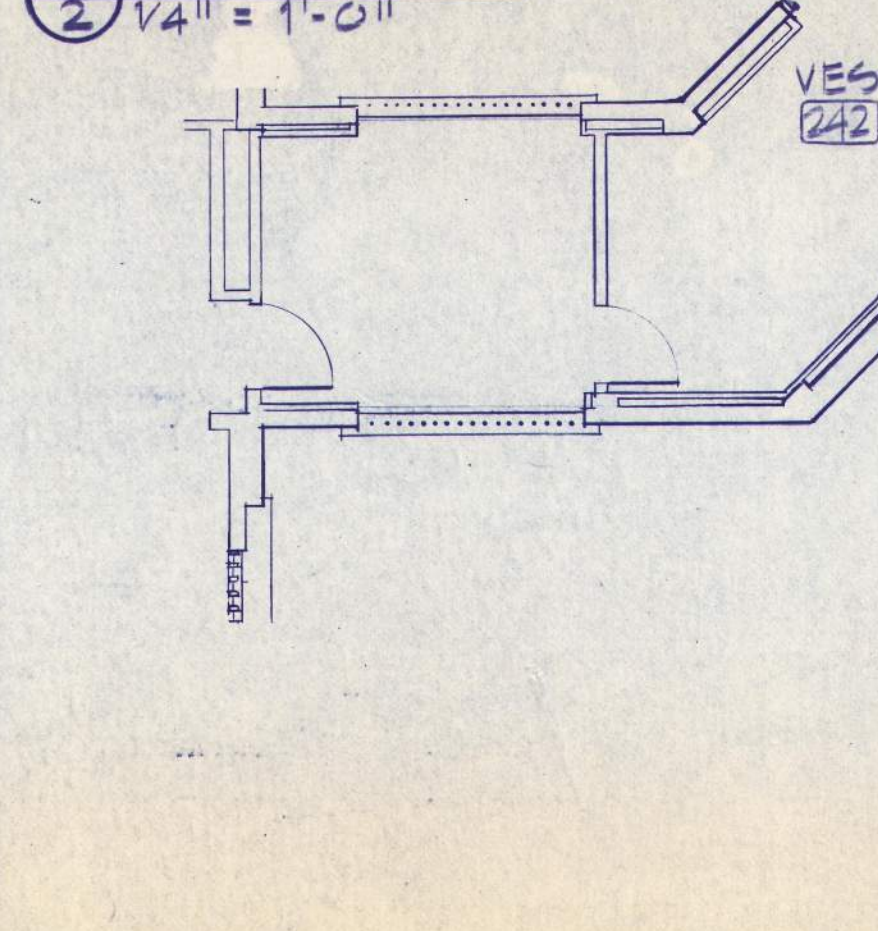
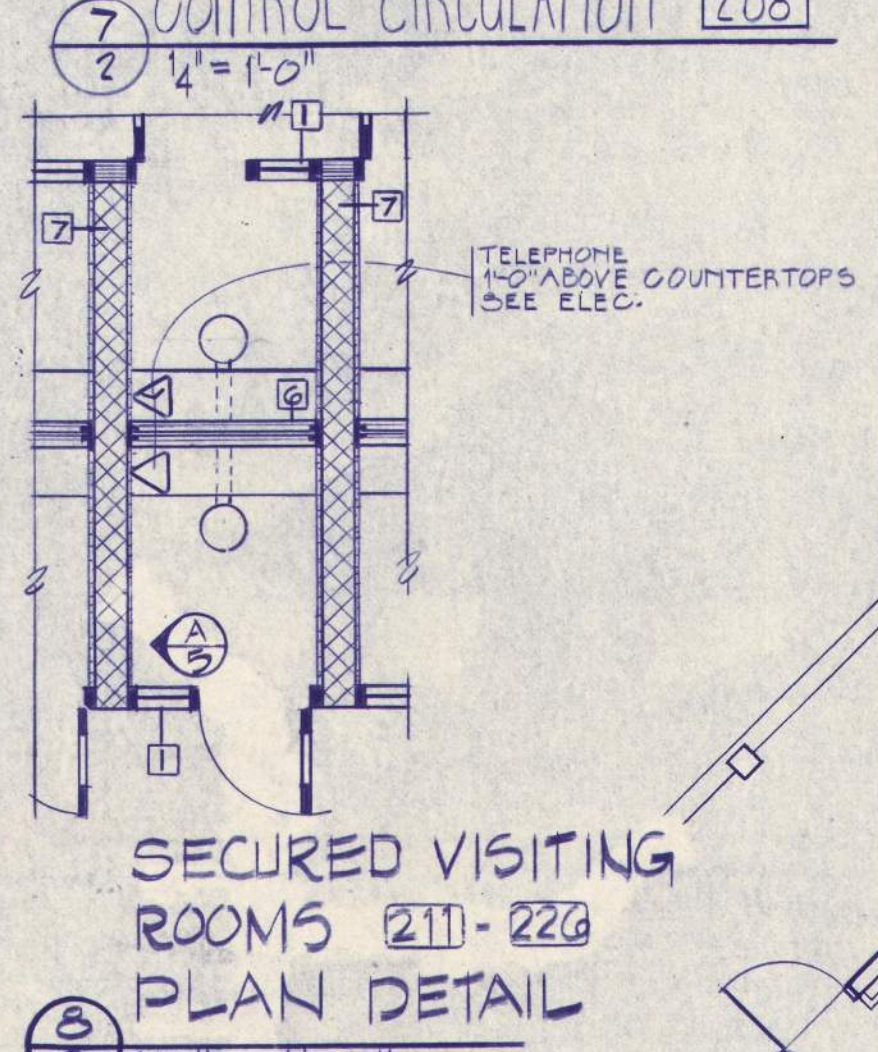
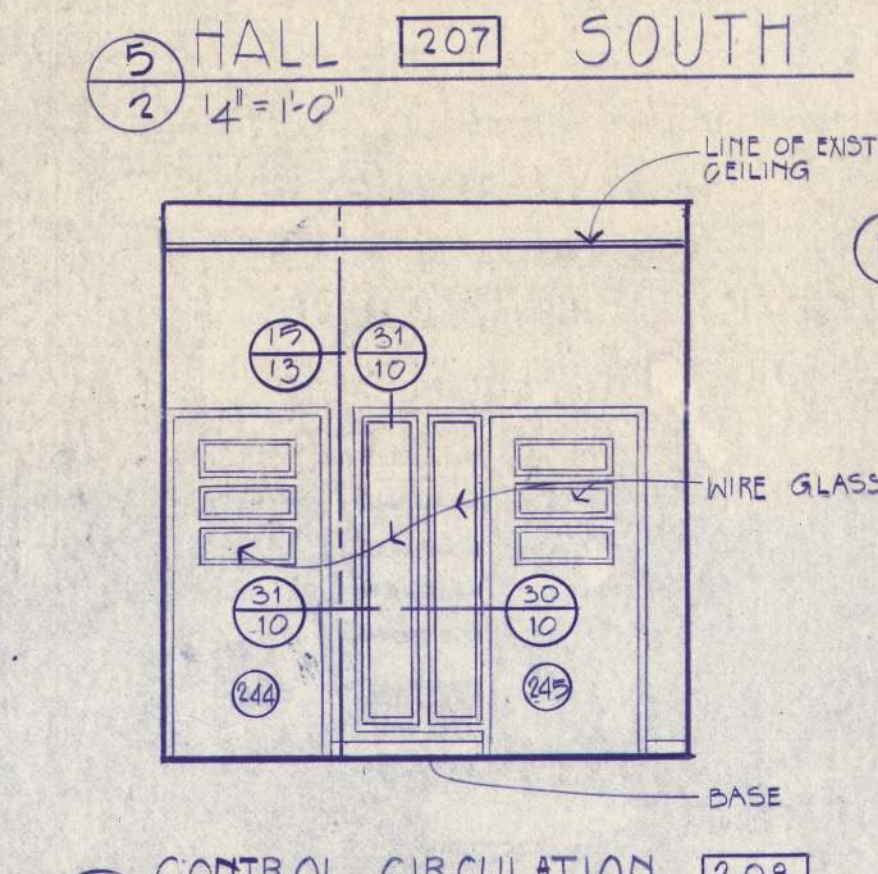
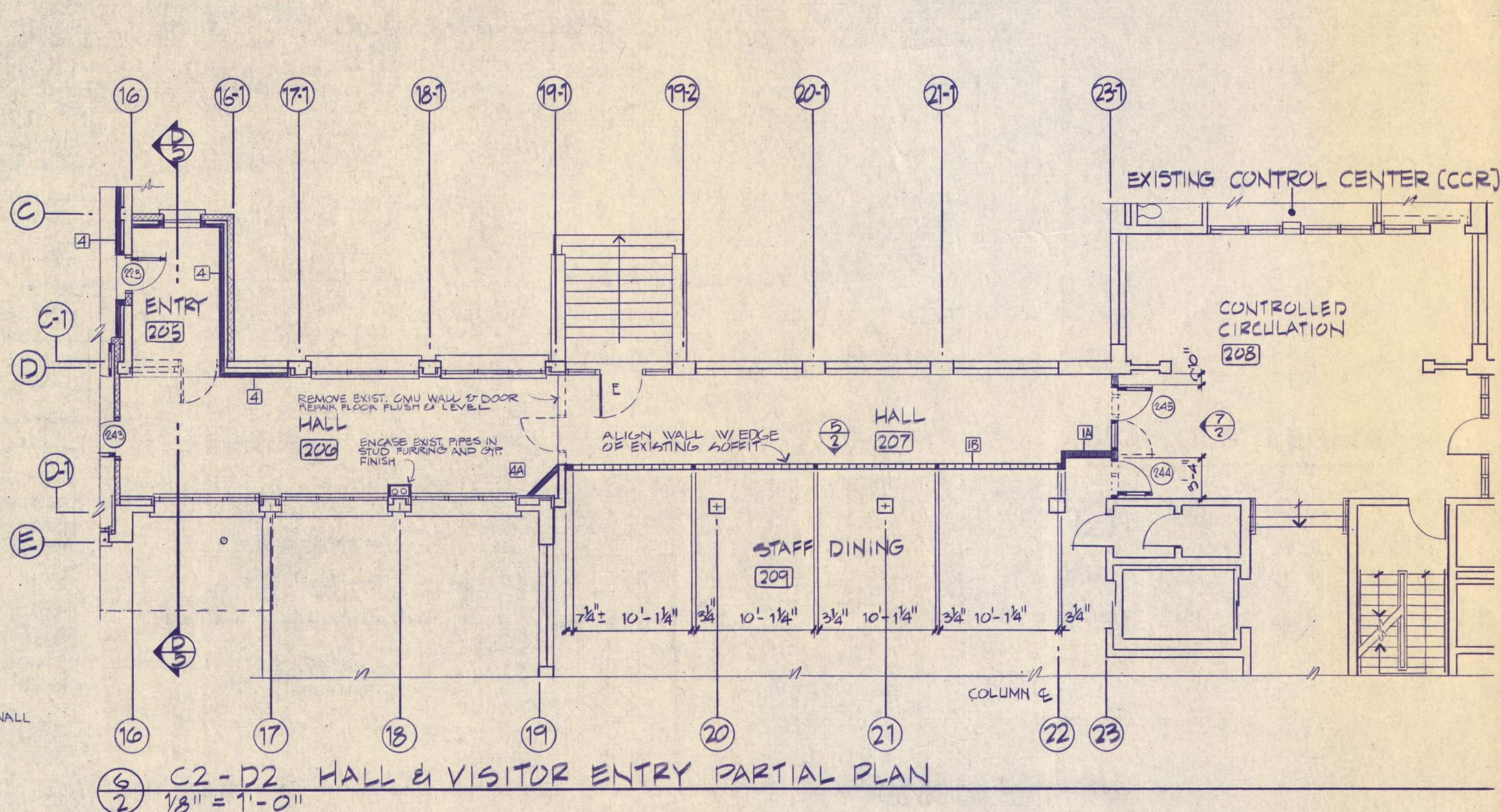
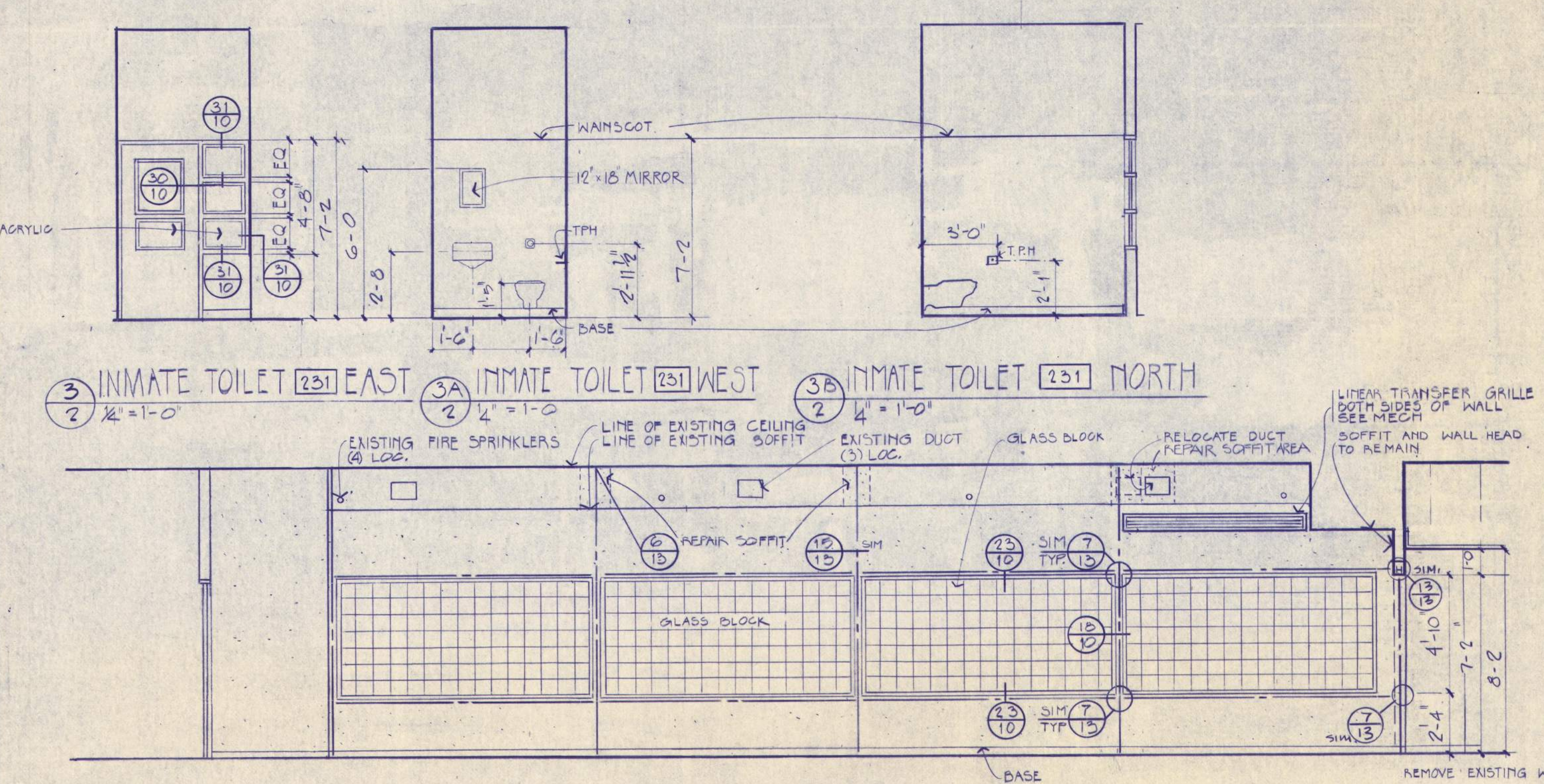
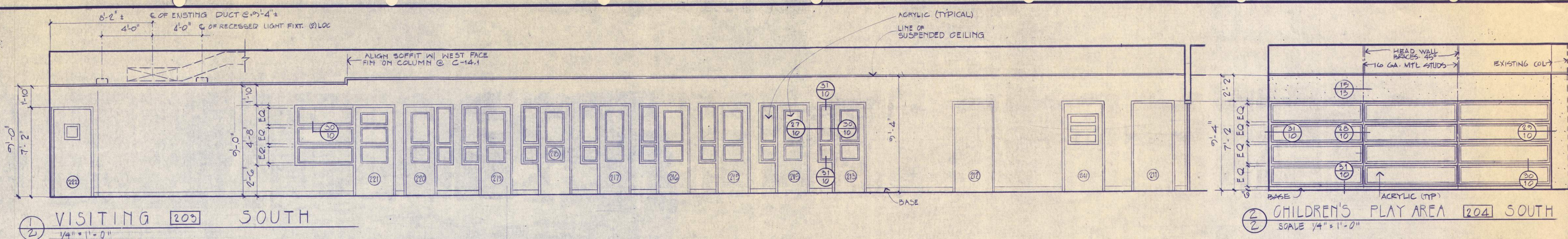
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DRAWN WJH
DATE 21 AUG 1990
JOB 601.11

Ref. #24
Phase 11
8/21/1990

C2D3
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6

1
SITE PLAN



- GENERAL NOTES - FLOOR PLANS**
- See sheet #10 for partition schedule.
 - All new partitions extend to existing concrete deck above, unless otherwise noted. Veneer plaster (including gypsum veneer base) may stop just above finish ceiling.
 - All corridor partitions with openings and other partitions with continuous reight windows, or any openings within 7'-0" to 10'-6" spans have 16 gauge framing per detail 15/3.
 - Remove existing windows, and misc. wall construction in existing openings in concrete exterior walls where drawings indicate new windows or closed openings. Salvage and repair existing window to be reinstalled elsewhere as required in the drawing.
 - Close all openings in existing concrete floors not required in new work with 4 1/2" min. thick concrete reference detail 9/15 - drawings do not show all existing openings. Contractor to verify size, quantity, and location of openings for repair. See floor preparation plan, sheet #15 for all work on floors.
 - Patch spalled or missing concrete at existing columns, beams, and floor slabs to match surrounding surface configuration.
 - New openings in existing concrete slabs, not shown herein, shall be requested by Contractor and approved by the Architect. Structural requirements for closures shall be at Contractor's expense. Cuts in floor slabs (except at beams) may be made up to 12" x 12" or 12" φ at 5'-0" o.c. or 10" x 10" or 10" φ at 4'-0" o.c. Absolutely no overcutting or removal of material beyond these dimensions is permitted unless shown or detailed in the drawings. No cutting within 12" of beam is allowed.
 - Drawings note only major repairs to existing substrates and surfaces. Contractor is to note all preconstruction conditions on site and make all repairs necessary to blend new construction with existing in finished spaces.

9 C2 FLOOR PLAN
1/8" = 1'-0"

REGISTERED ARCHITECT
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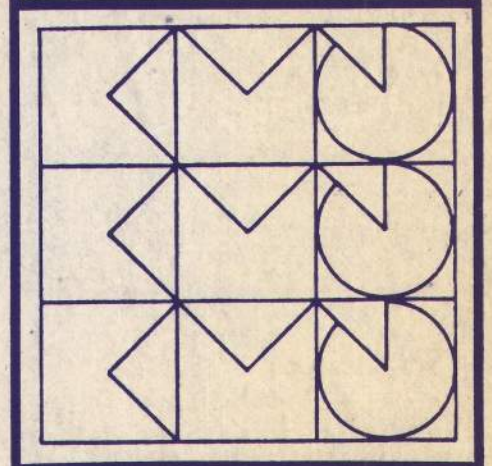
LANDSCAPE ARCHITECT
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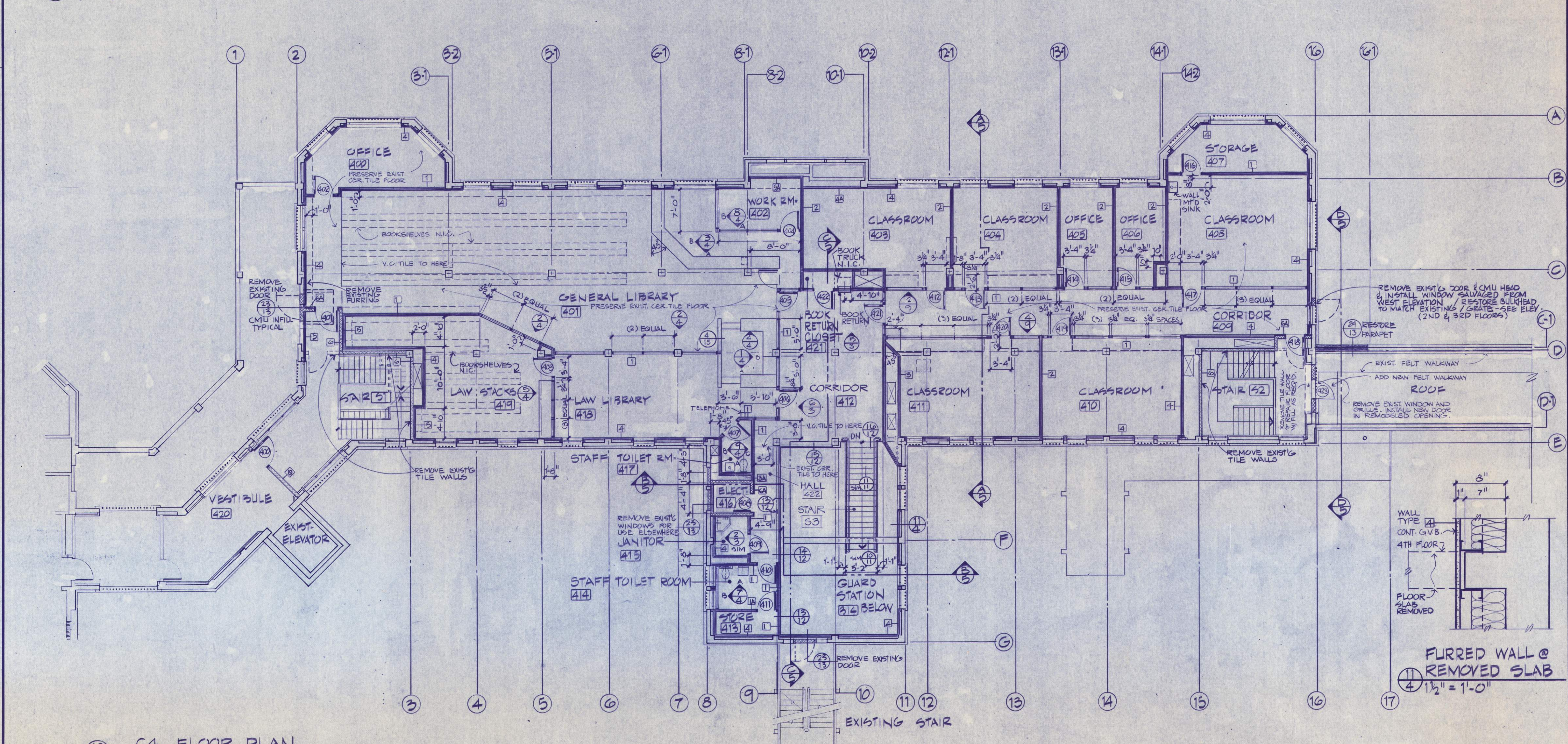
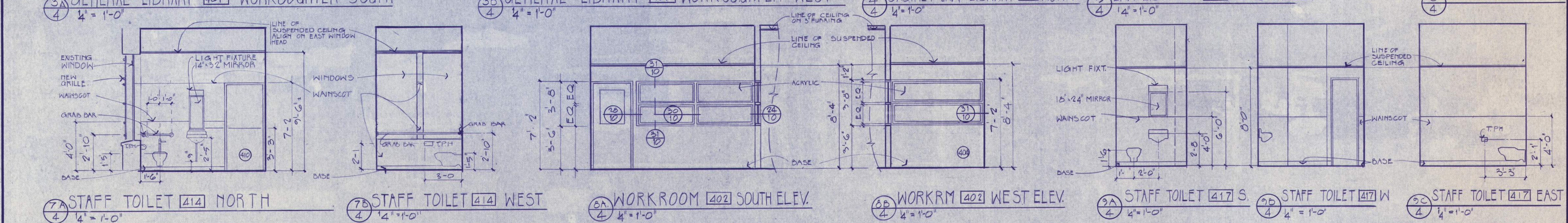
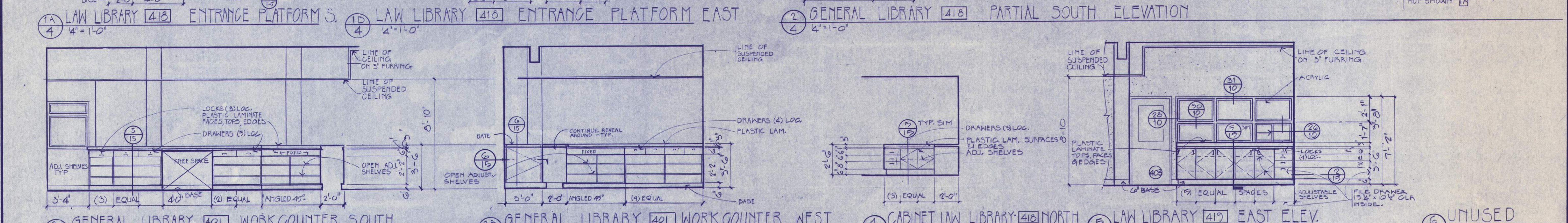
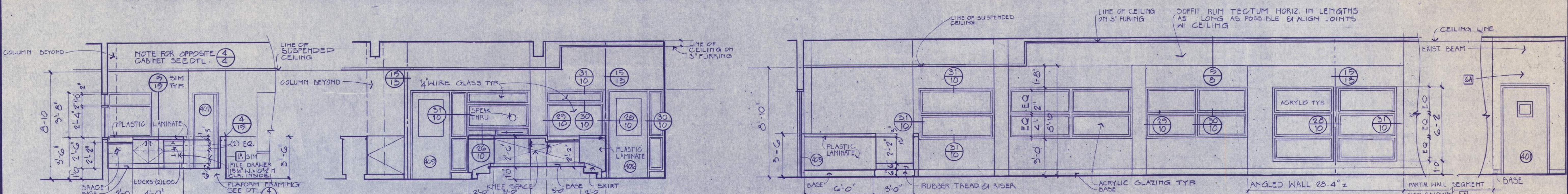
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DRAWN: 21 AUG 90
DATE: 8/11/90
JOB: 80111

2
C2 FLOOR PLAN



10 C4 FLOOR PLAN 1/8" = 1'-0"

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 PENLETON, OREGON

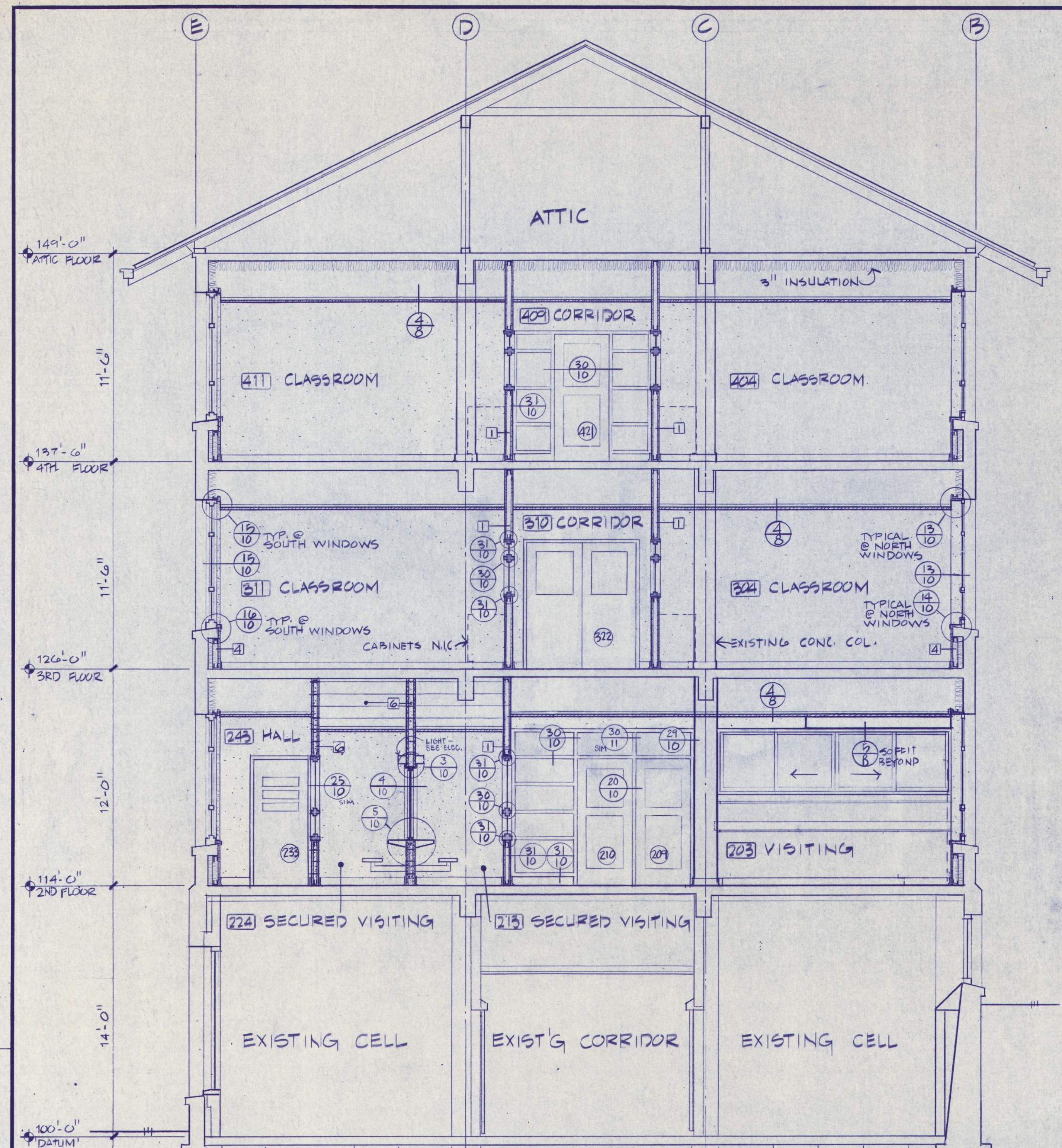
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APPROVED: [Signature]
 DRAWN: CR/LW
 DATE: 21 AUG 70
 JOB: 201.11

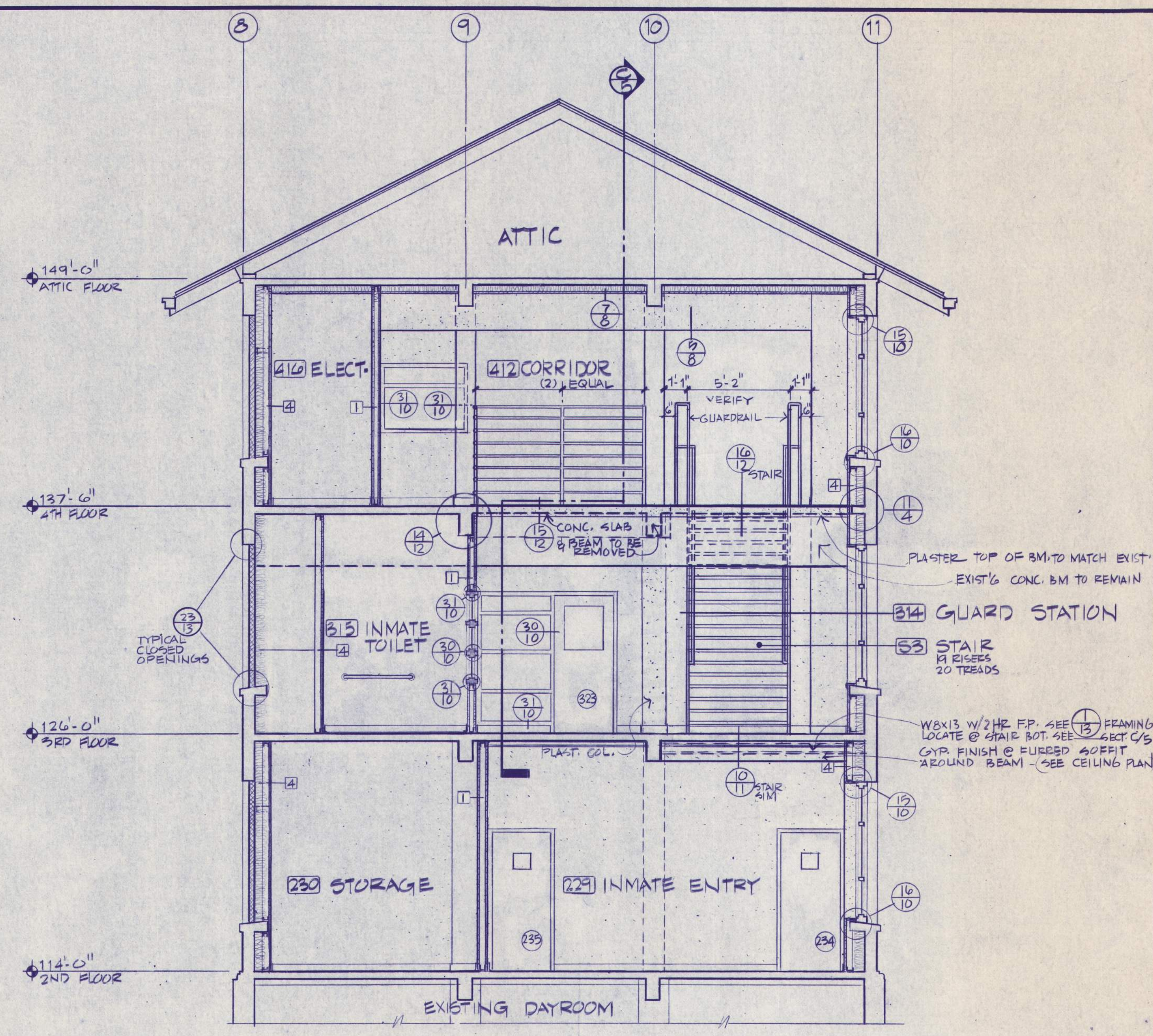
WALL TYPE [Symbol]
 CONT. G.V.B. →
 4TH FLOOR →
 FLOOR SLAB REMOVED

FURRED WALL @
 11 REMOVED SLAB
 1 1/2" = 1'-0"

4 C4 FLOOR PLAN

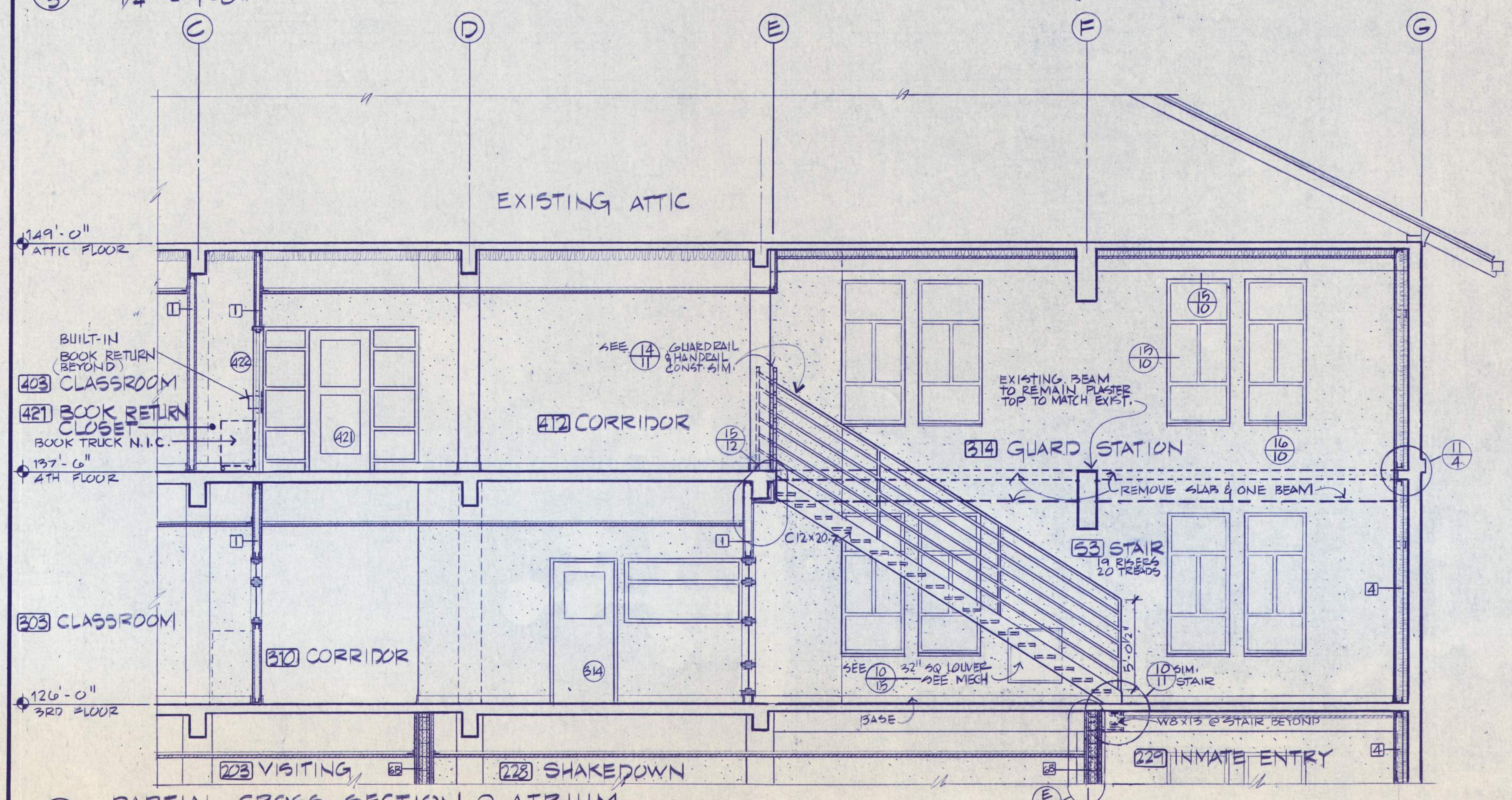


CROSS SECTION
1/4" = 1'-0"

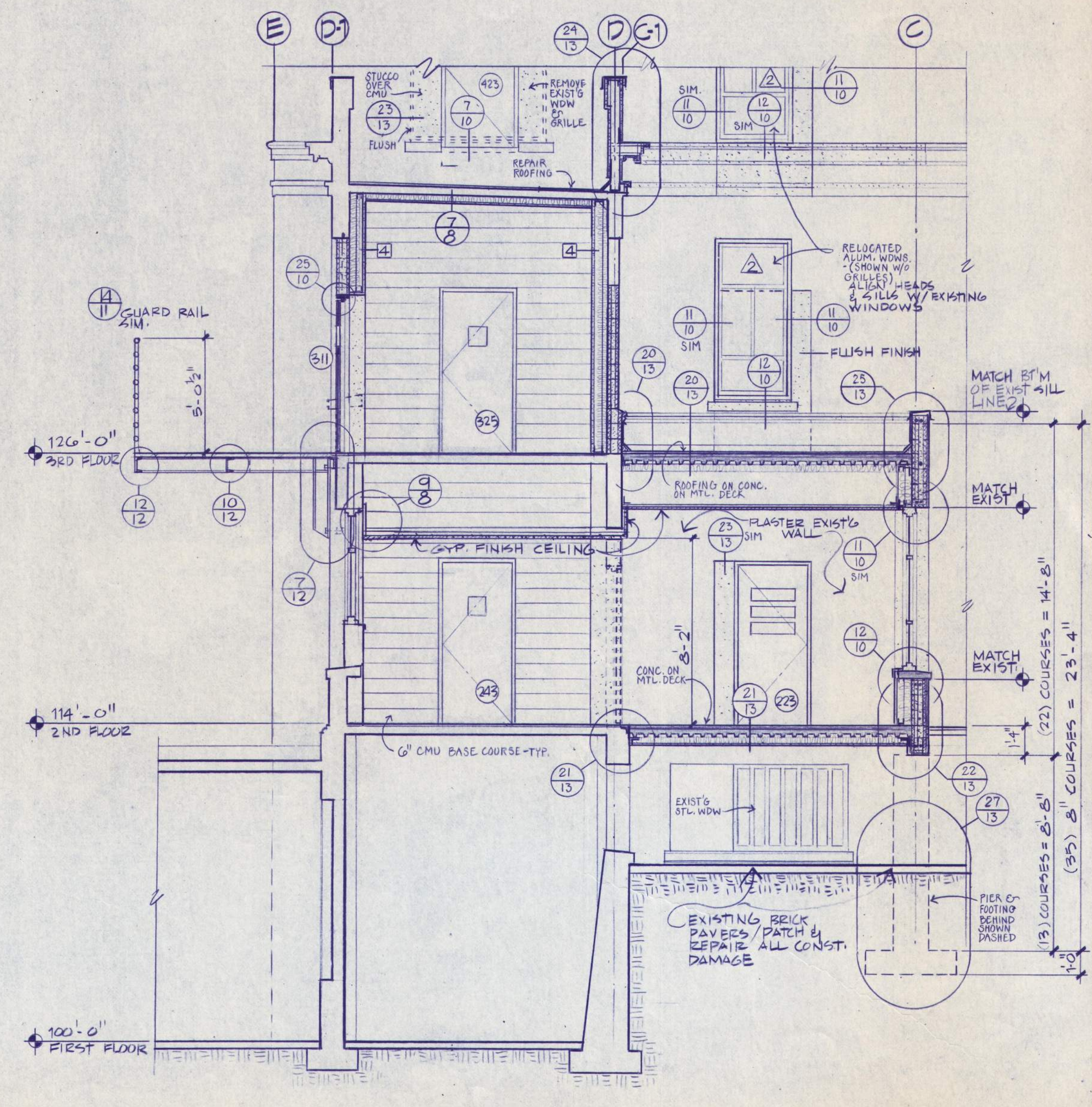


PARTIAL CROSS SECTION @ ATRIUM
1/4" = 1'-0"

NOTE: GRILLES NOT SHOWN AT WINDOWS. SEE SHEET 14 FOR GRILLE LOCATIONS



PARTIAL CROSS SECTION @ ATRIUM
1/4" = 1'-0"



PARTIAL CROSS SECTION
1/4" = 1'-0"

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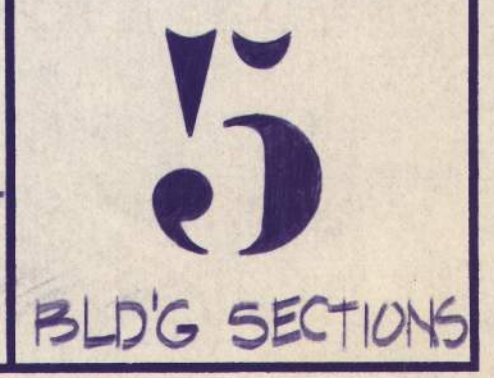
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STRUCTURAL ENGINEER
889 S. W. LAUREL LANE PORTLAND, OREGON 97225

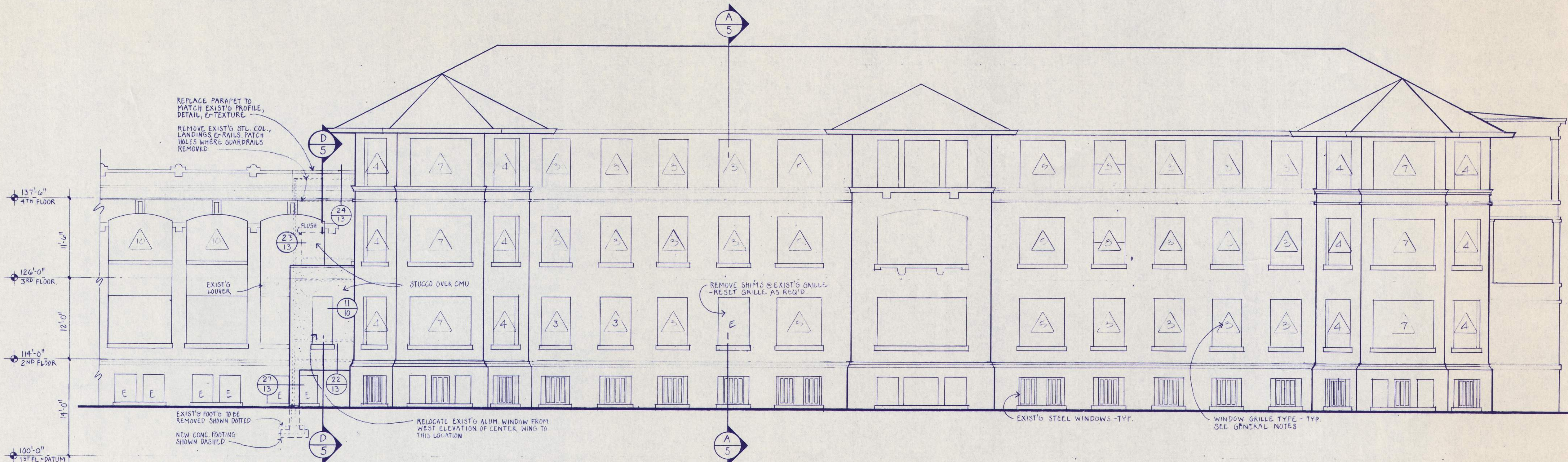
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DRAWN LWN
DATE 21 AUG 90
JOB 801.11



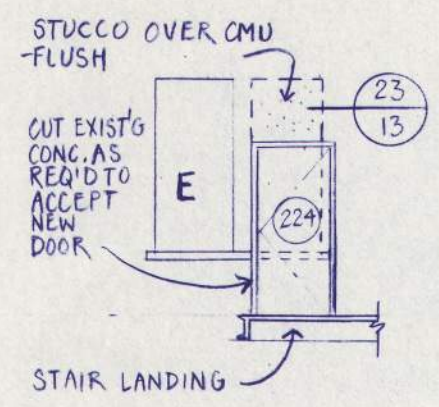


① UNIT C: NORTH ELEVATION
 1/8" = 1'-0"
 -SEE ALT. N. 4 FOR (6) TYPE △, (4) TYPE △, & (2) TYPE △

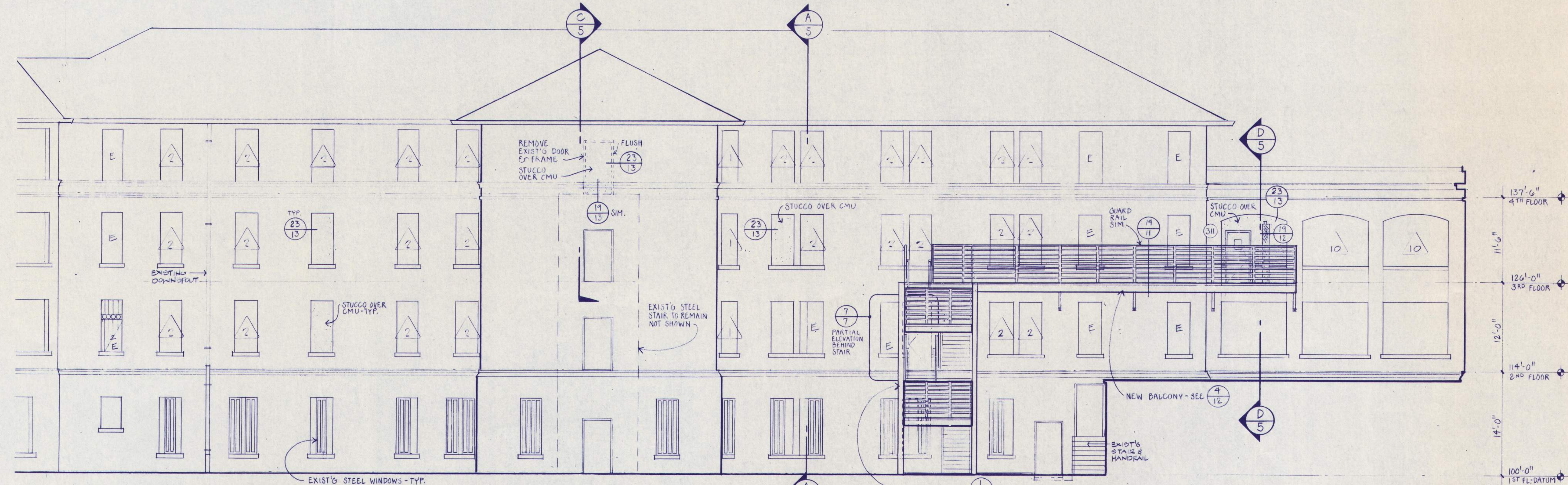
SEE GENERAL ELEVATION NOTES

GENERAL ELEVATION NOTES

1. SEE SHEET 14 FOR ELEVATIONS, DETAILS, & NOTES FOR WINDOW GRILLE TYPES NOTED BY A.
2. EXIST'G WINDOWS TO REMAIN U.N.O.
3. EXIST'G GRILLES TO REMAIN NOTED BY E.
4. REPLACE BROKEN GLASS IN EXIST'G ALUM. FRAMES WHERE IT OCCURS.
5. REMOVE EXIST'G WINDOWS FROM OPENINGS TO BE CLOSED, CAREFULLY SALVAGE WINDOWS TO BE RELOCATED, DISPOSE OF OTHERS.
6. REPLACE STOPS AND OTHER PARTS MISSING FROM EXIST'G WINDOWS, SALVAGE PARTS FROM WINDOWS TO BE REMOVED - OTHER PARTS ARE AVAILABLE FROM EDCI MAINTENANCE OFFICE.
7. REPLACE ALL BROKEN, LOSE GLASS, OR DISFIGURED GLASS.

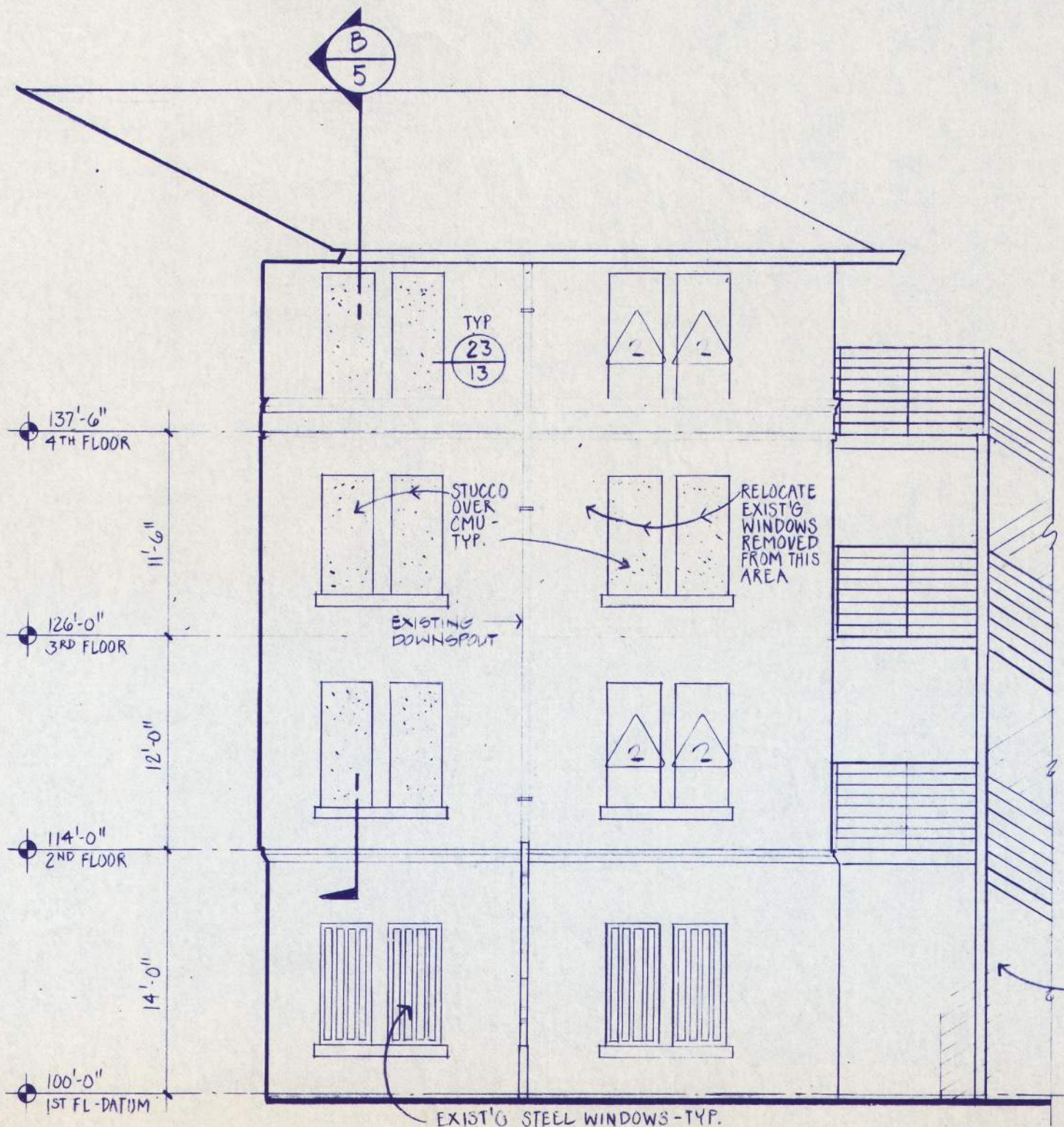


⑦ PARTIAL ELEVATION
 1/8" = 1'-0"

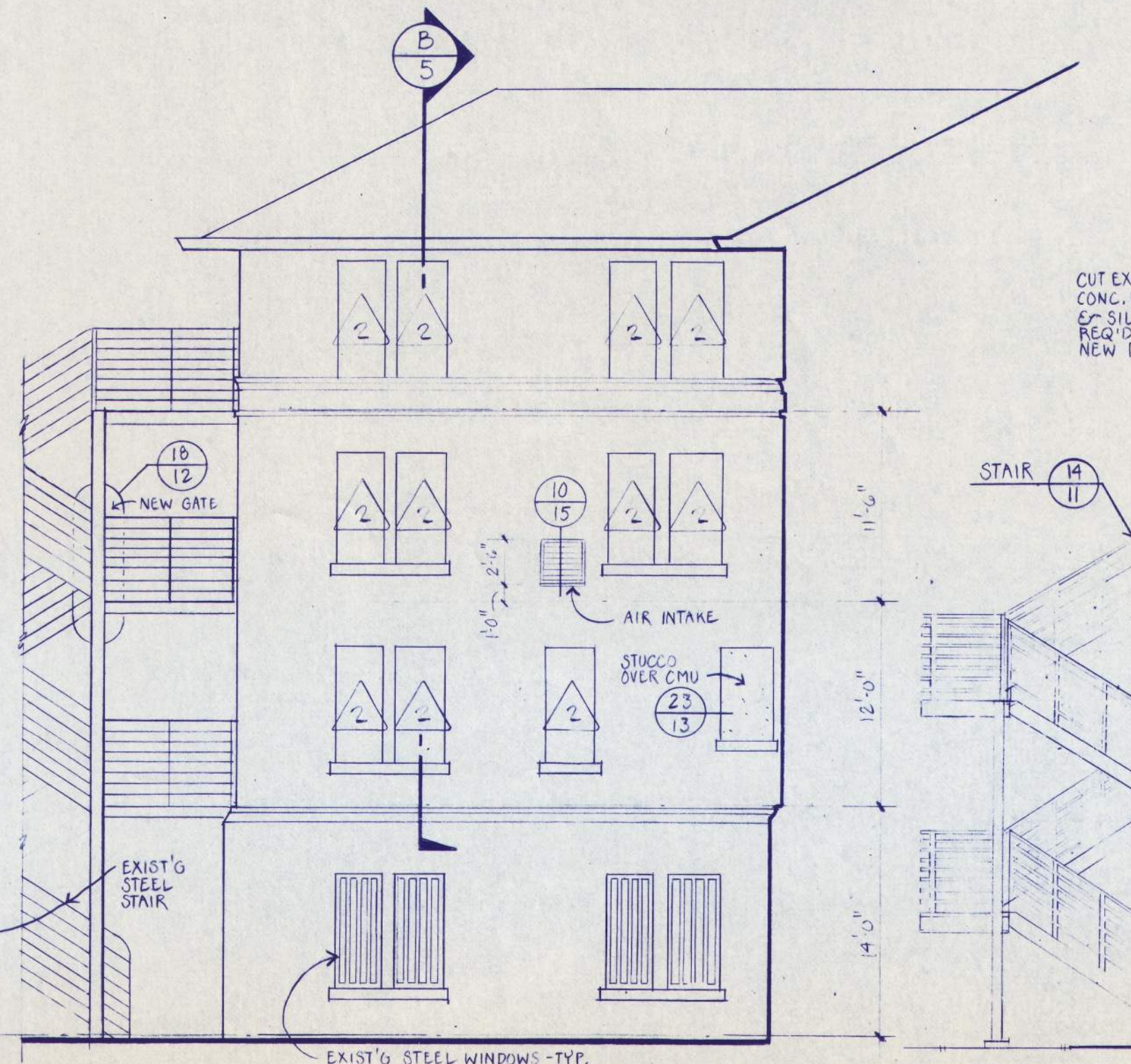


② UNIT C: SOUTH ELEVATION
 1/8" = 1'-0"
 -SEE ALT. N. 5 FOR (2) TYPE △ GRILLES

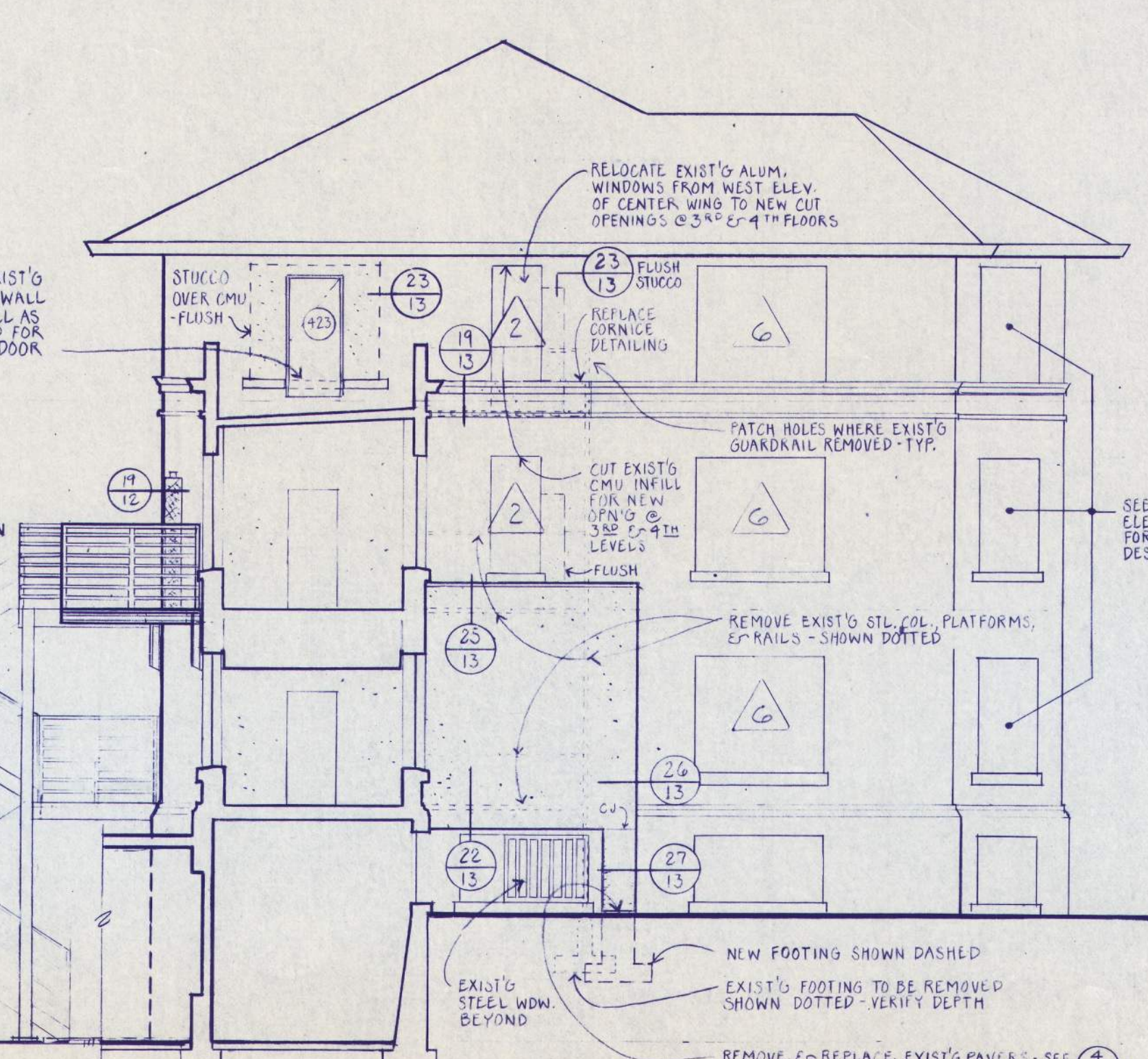
SEE GENERAL ELEVATION NOTES



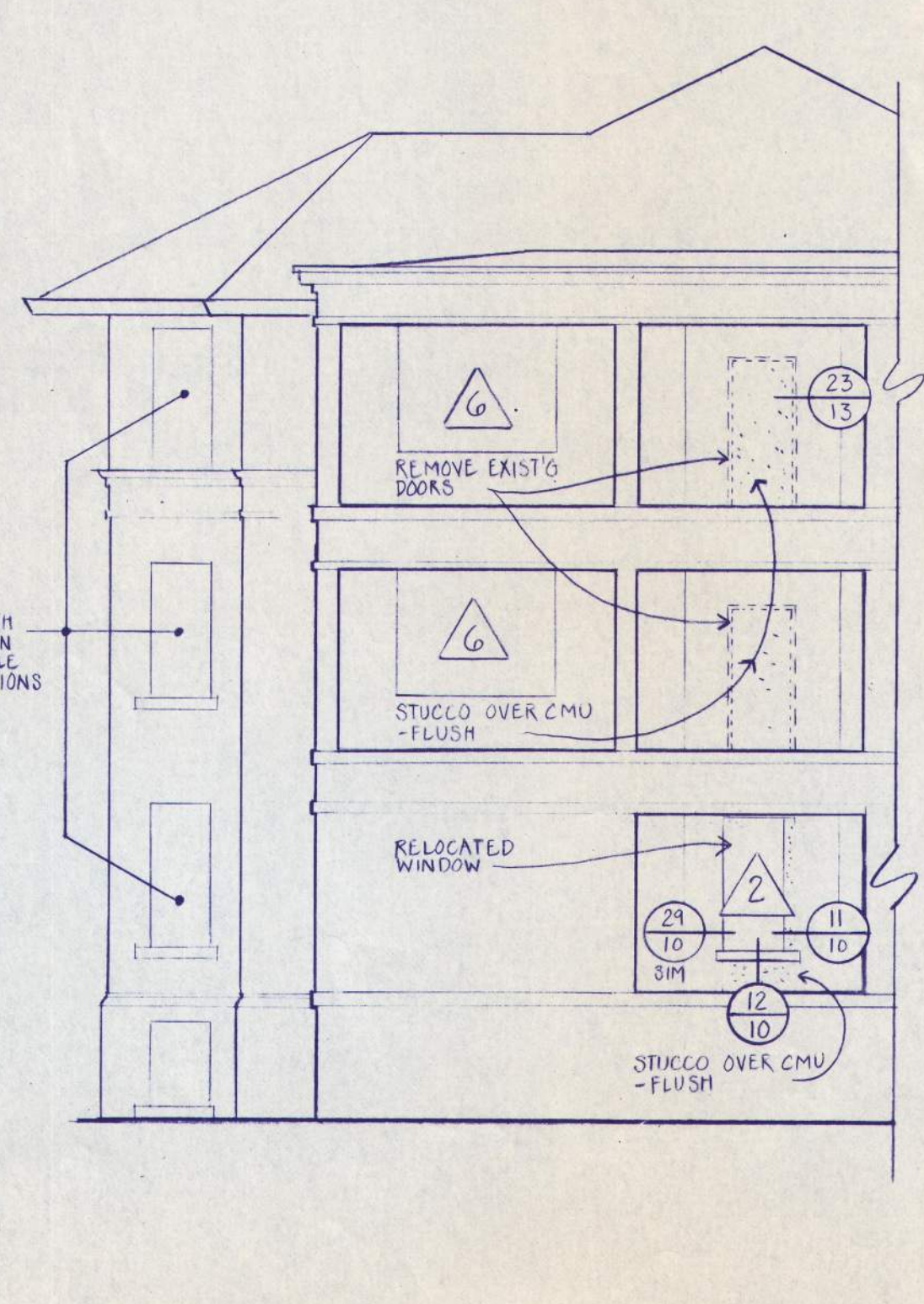
⑤ UNIT C: WEST ELEV. of CENTER WING
 1/8" = 1'-0"
 SEE GENERAL ELEVATION NOTES



④ UNIT C: EAST ELEV. of CENTER WING
 1/8" = 1'-0"
 SEE GENERAL ELEVATION NOTES



③ UNIT C: EAST ELEVATION
 1/8" = 1'-0"
 -SEE ALT. N. 4 FOR (3) TYPE △ GRILLES
 -SEE GENERAL ELEVATION NOTES



⑥ UNIT C: PARTIAL WEST ELEV.
 1/8" = 1'-0"
 -SEE ALT. N. 4 FOR (2) TYPE △ GRILLES
 -SEE GENERAL ELEVATION NOTES

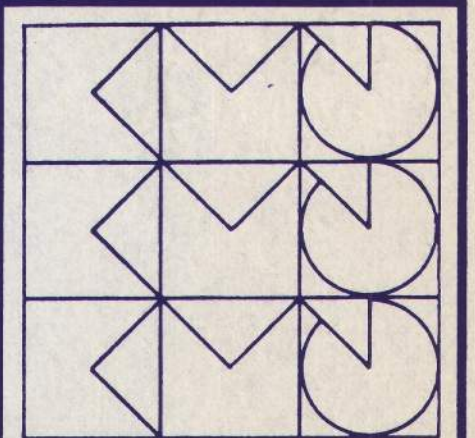
BALZISER, HUBBARD ASSOCIATES
 ARCHITECTS
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 LLOYD BOND & ASSOCIATES
 LANDSCAPE ARCHITECT
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PHASE 11

EASTERN OREGON CORRECTIONAL INSTITUTION • PHASE 11
 PENDLETON, OREGON

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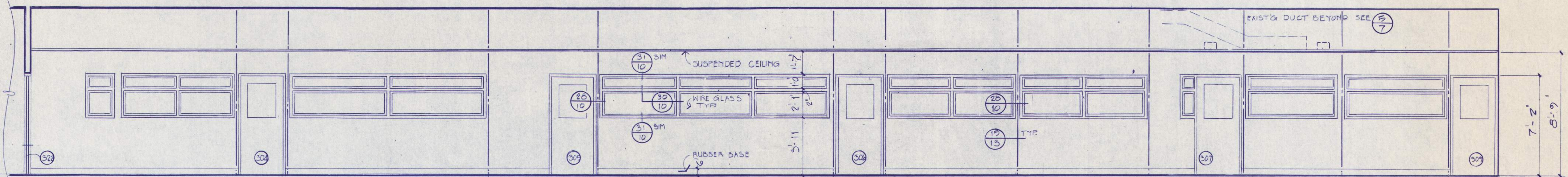
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 883 THIRTEENTH AVENUE EAST / EUGENE, OREGON 97401 / (503) 344-3249



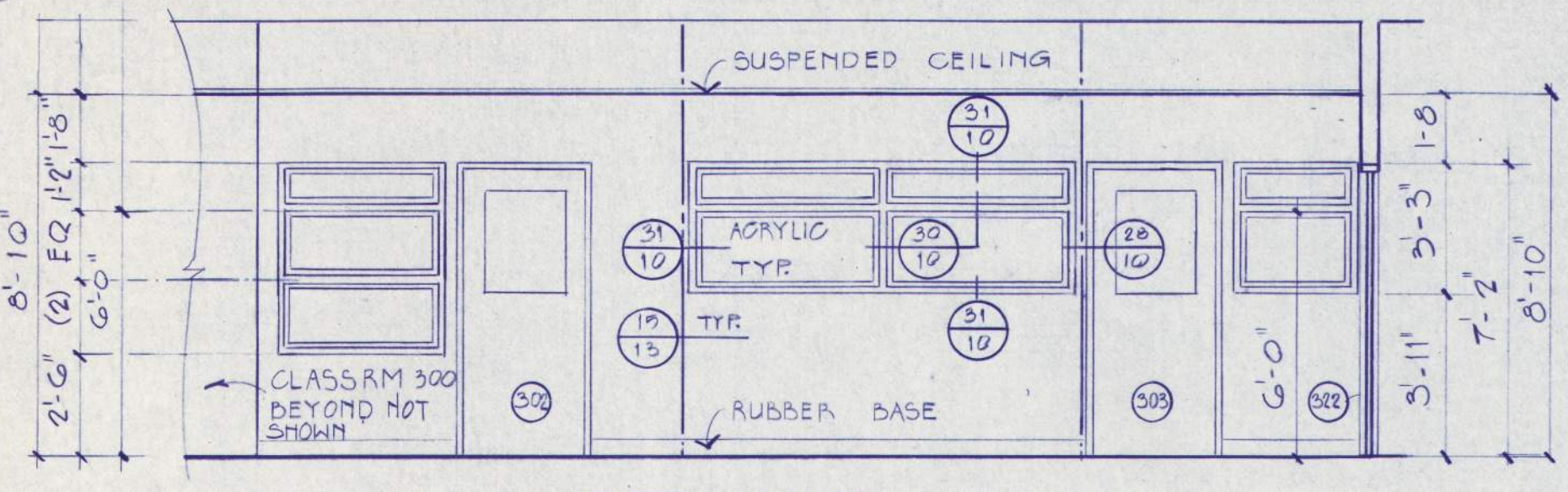
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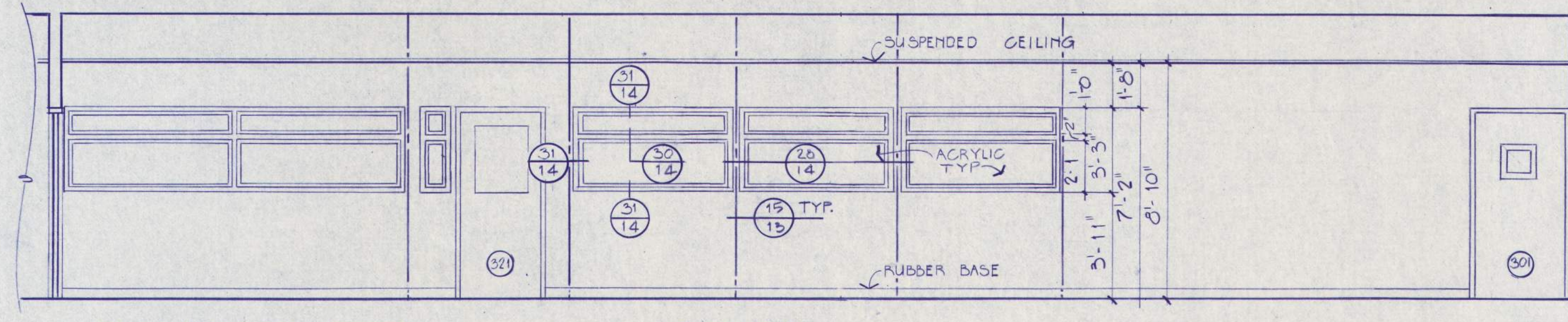
ELEVATIONS



1 CORRIDOR 310 NORTH
7 1/2'-1'-0"

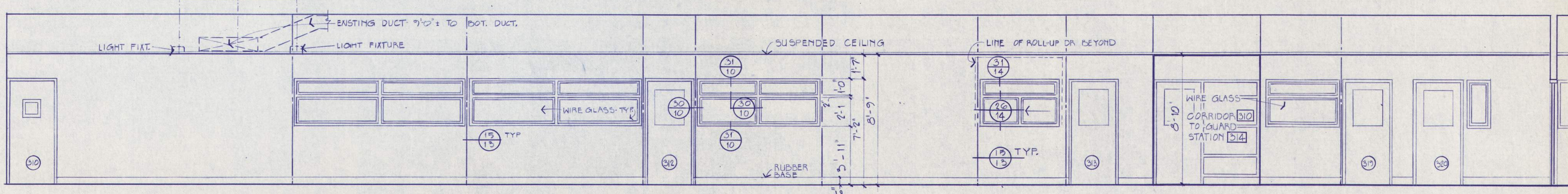


2 CLASSRM 300 PARTIAL NORTH
7 1/4'-1'-0"

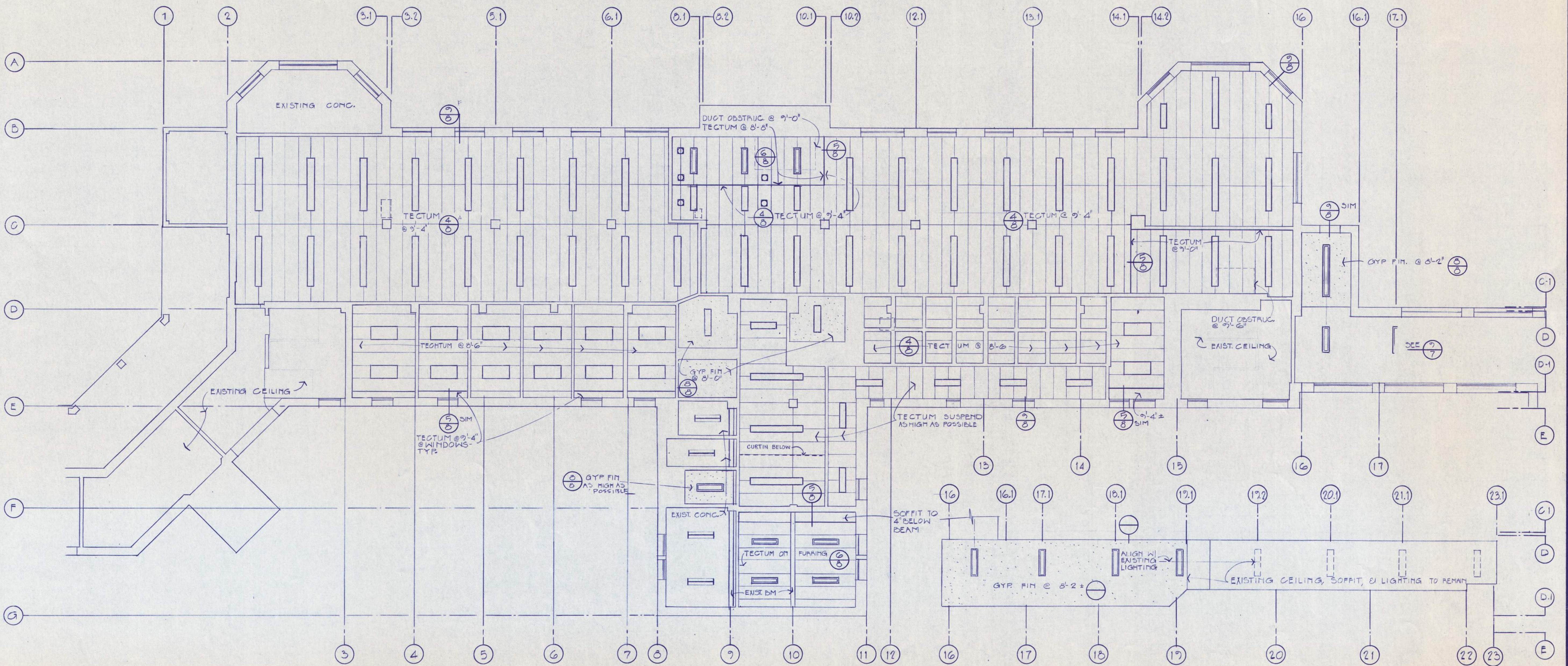


3 CLASSROOM 300 SOUTH
7 1/4'-1'-0"

4 UNUSED
7



5 CORRIDOR 300 SOUTH
7 1/4'-1'-0"



6 C-2 REFLECTED CEILING
7 1/8'-1'-0"

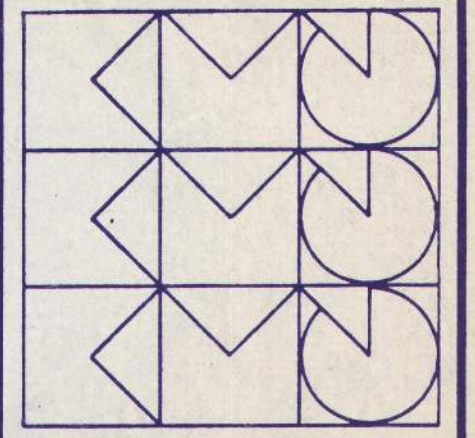
ALL PLATS: SEE MECHANICAL FOR ALL CEILING ACCESS PANELS
ALL PLATS: GYP. FIN. = VENEER PLASTER ON GYPSUM VENEER BASE
□ = RECESSED FIXTURE SEE ELEC.
○ = SURFACE MOUNT FIXT.

9 C-2-D-2 HALL
7 1/8'-1'-0"

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C2 REFLECTED CEILING



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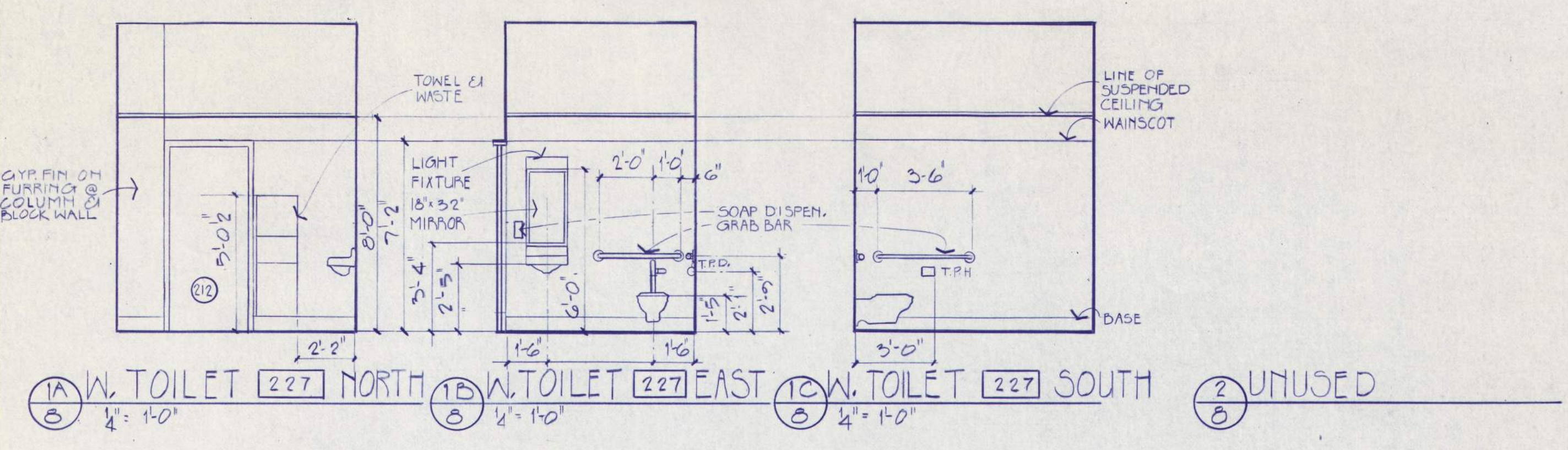
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849 S.W. LAUREL LEAF LANE PORTLAND, OREGON 97225

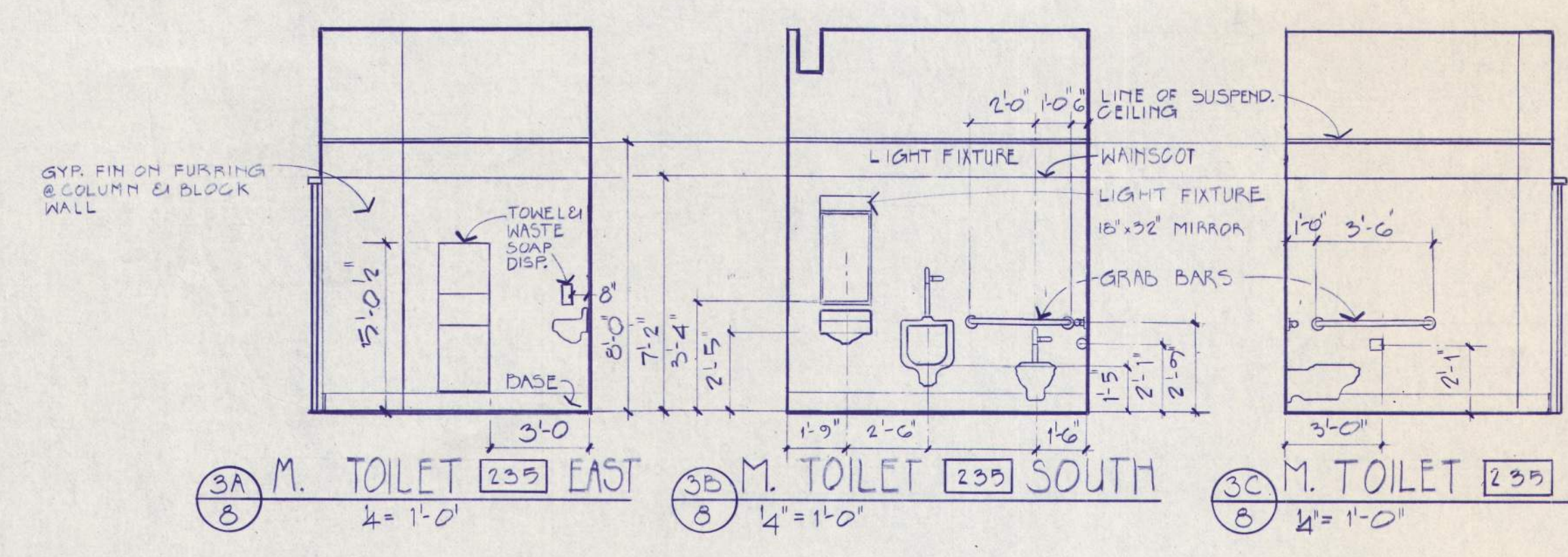
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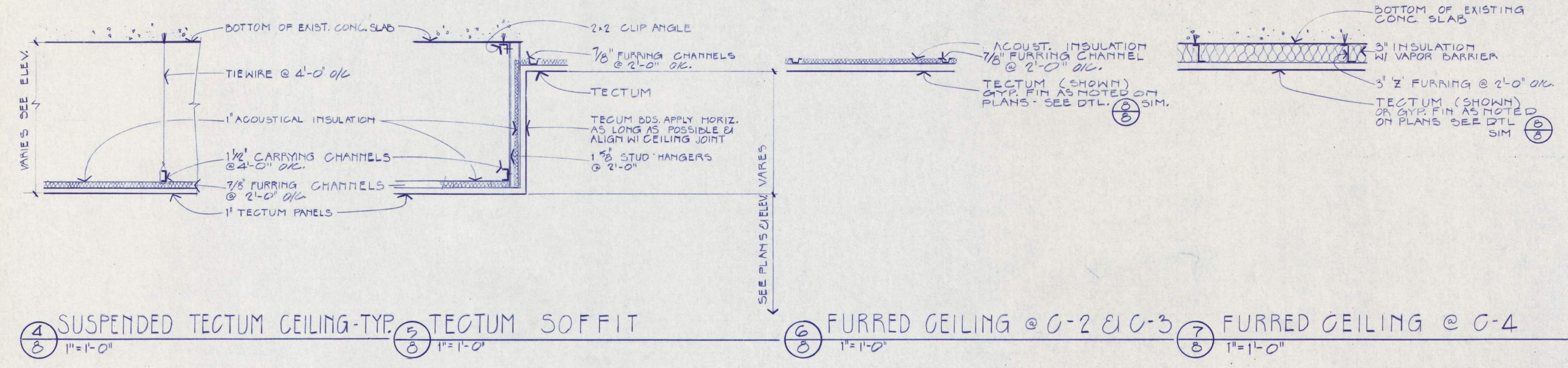
122 S.W. THIRD AVENUE PORTLAND, OREGON 97204 (503) 223-1181
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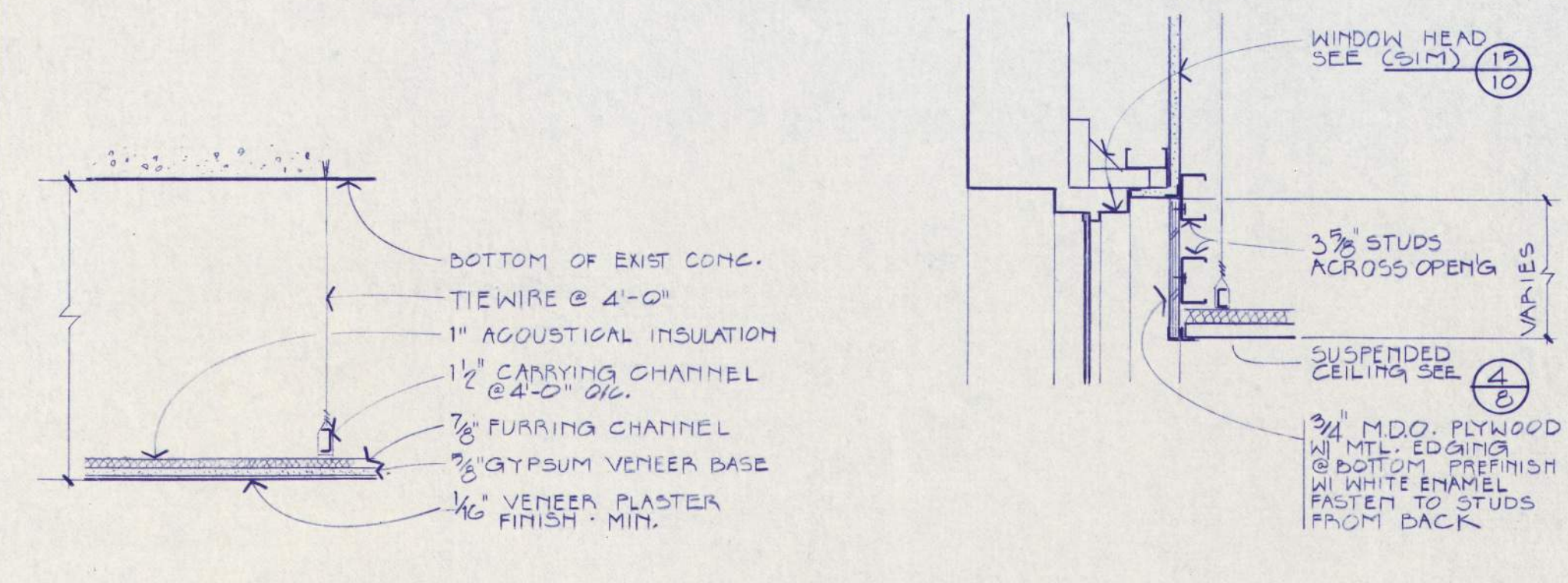
1A W. TOILET 227 NORTH 4'-10"
1B W. TOILET 227 EAST 4'-10"
1C W. TOILET 227 SOUTH 4'-10"
2 UNUSED



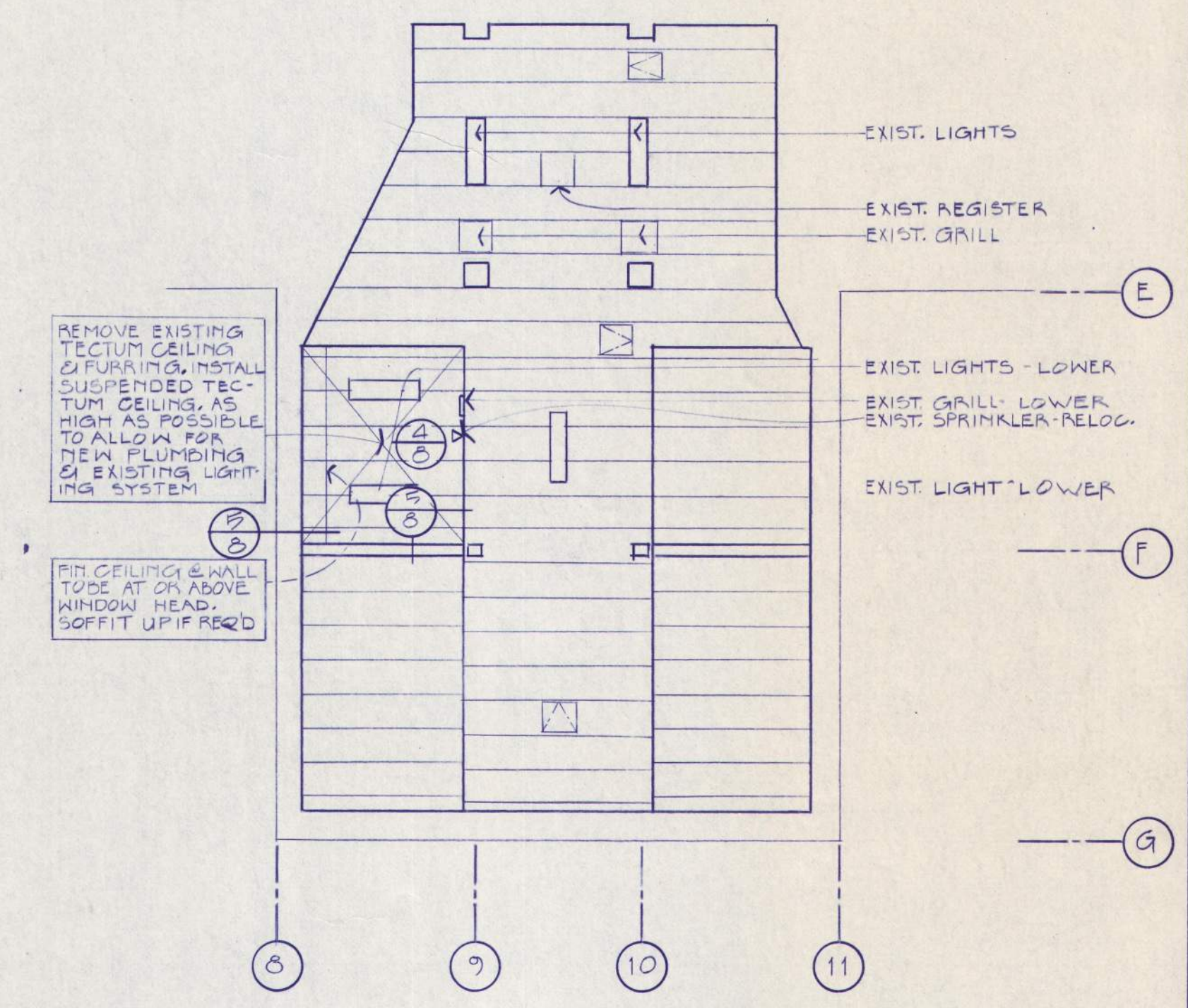
3A M. TOILET 233 EAST 4'-10"
3B M. TOILET 233 SOUTH 4'-10"
3C M. TOILET 233 WEST 4'-10"



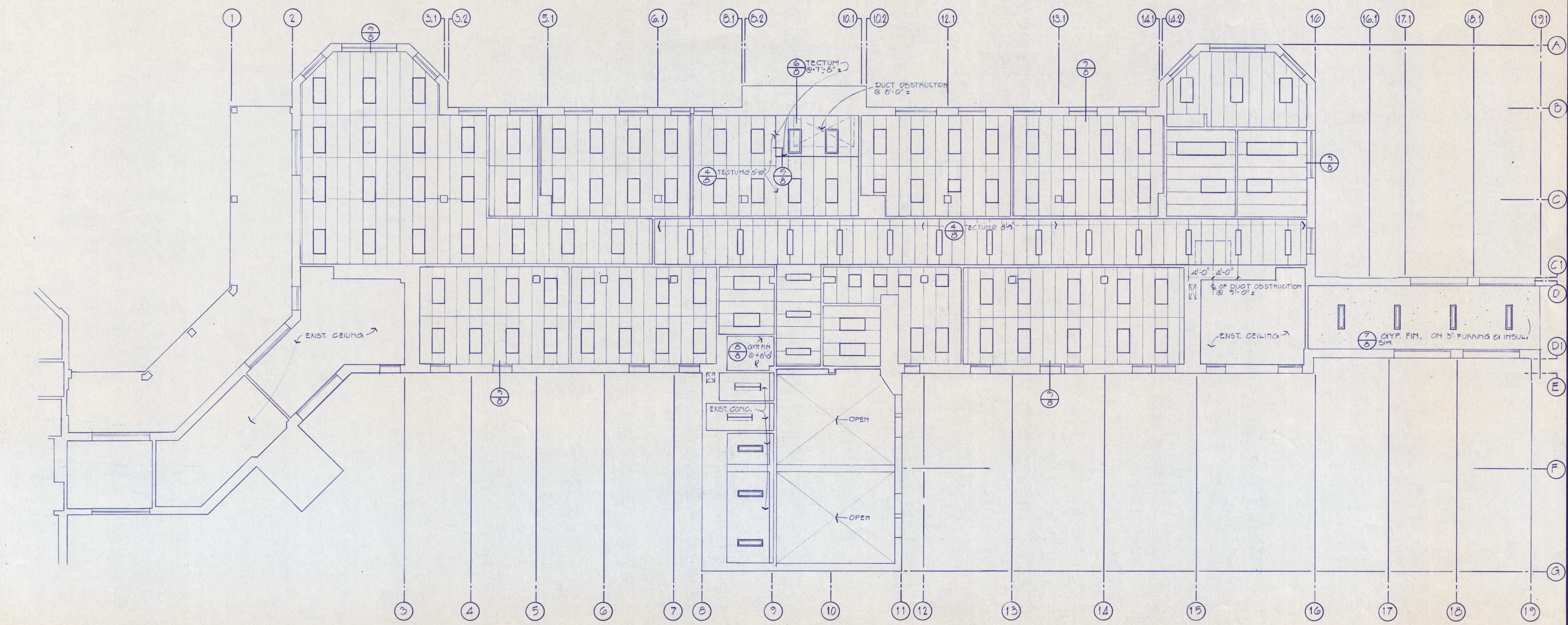
4 SUSPENDED TECTUM CEILING-TYP. 1'-10"
5 TECTUM SOFFIT 1'-2 1/2"
6 FURRED CEILING @ C-2 & C-3 1'-10"
7 FURRED CEILING @ C-4 1'-10"



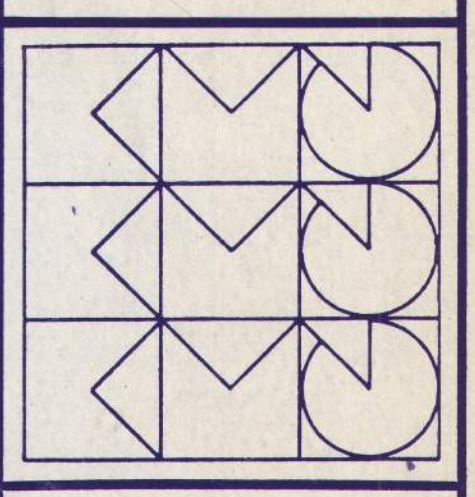
8 SUSPENDED GYP. FIN. CEILING 1'-10"
9 CEILING EDGE @ HIGH WINDOW 1'-10"
10 UNUSED



11 C-1 PARTIAL REFLECTED CEILING PLAN 1/8" = 1'-0"

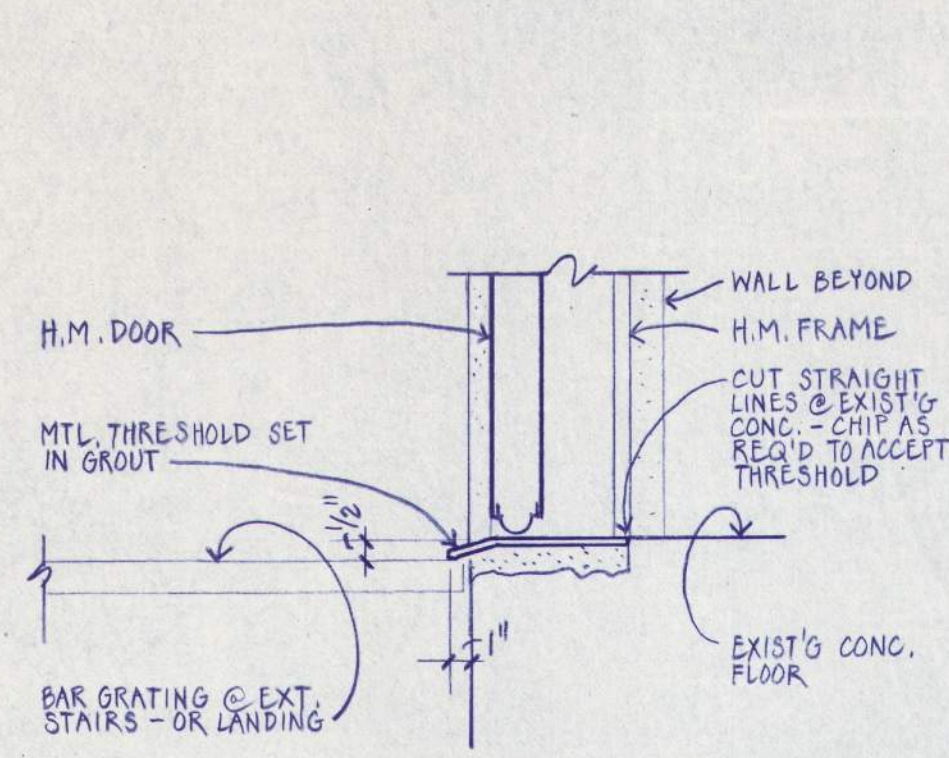


12 C3 REFLECTED CEILING 1/8" = 1'-0"
NOTE: ALL CEILINGS TECTUM; SUSPEND @ 8'-10" TYP UNLESS NOTED OTHERWISE

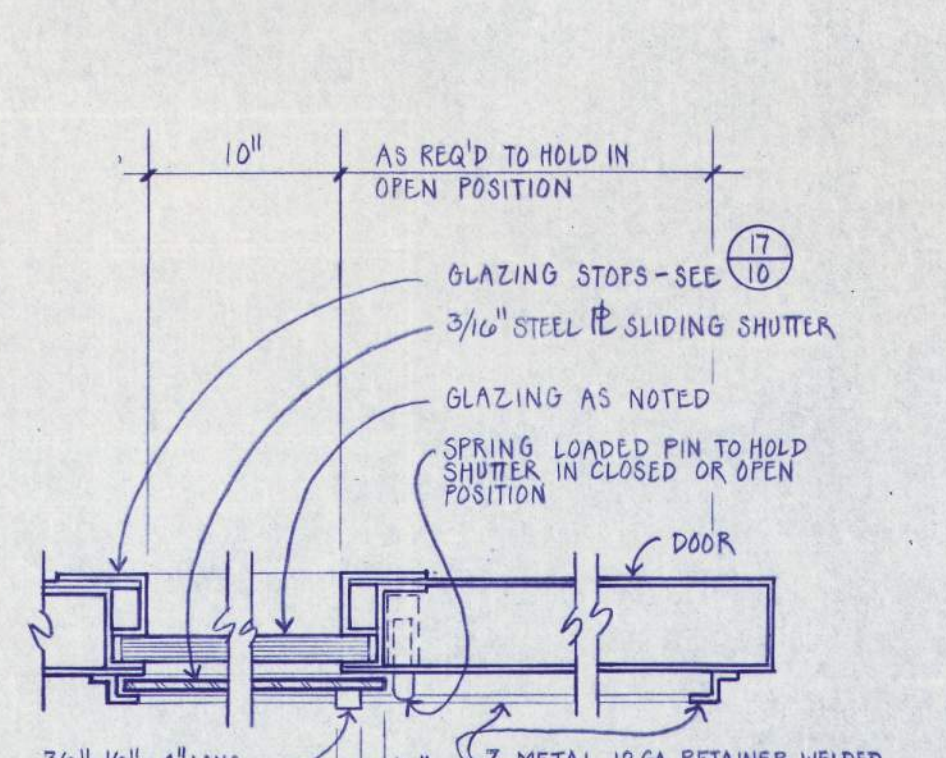


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DRAWN BY
DATE 21 AUG 90
JOB 801.11

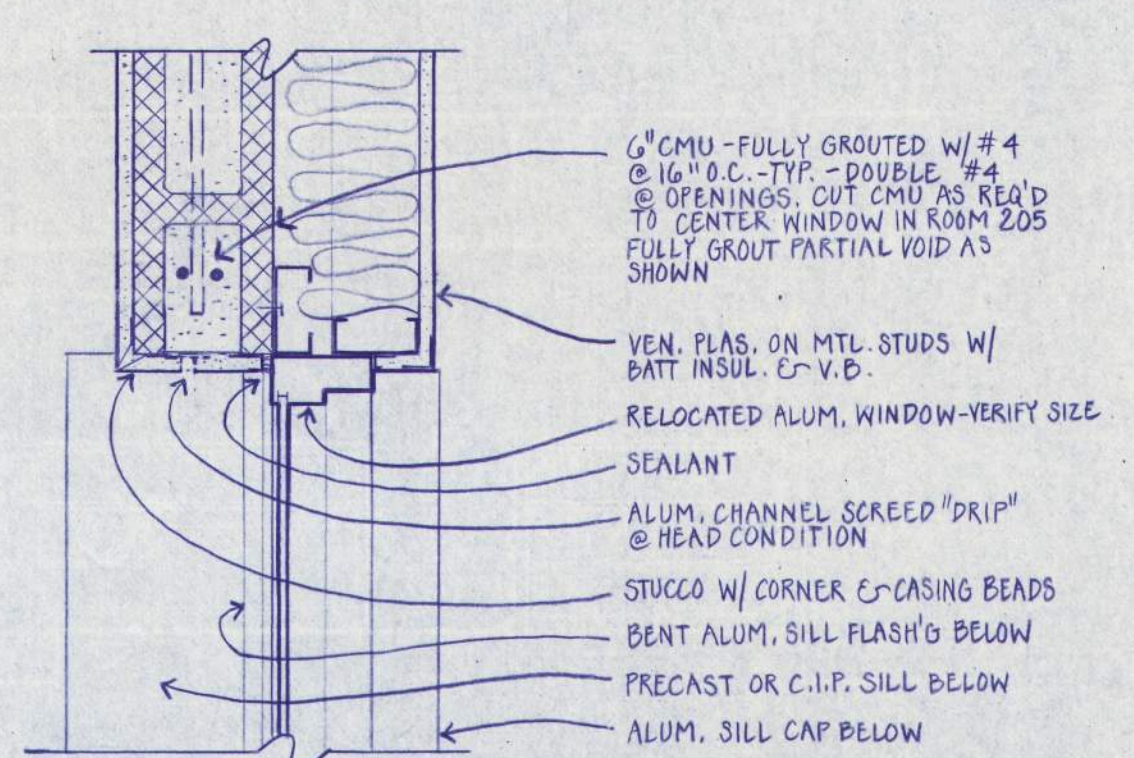
8
C3 REFLECTED CEILING



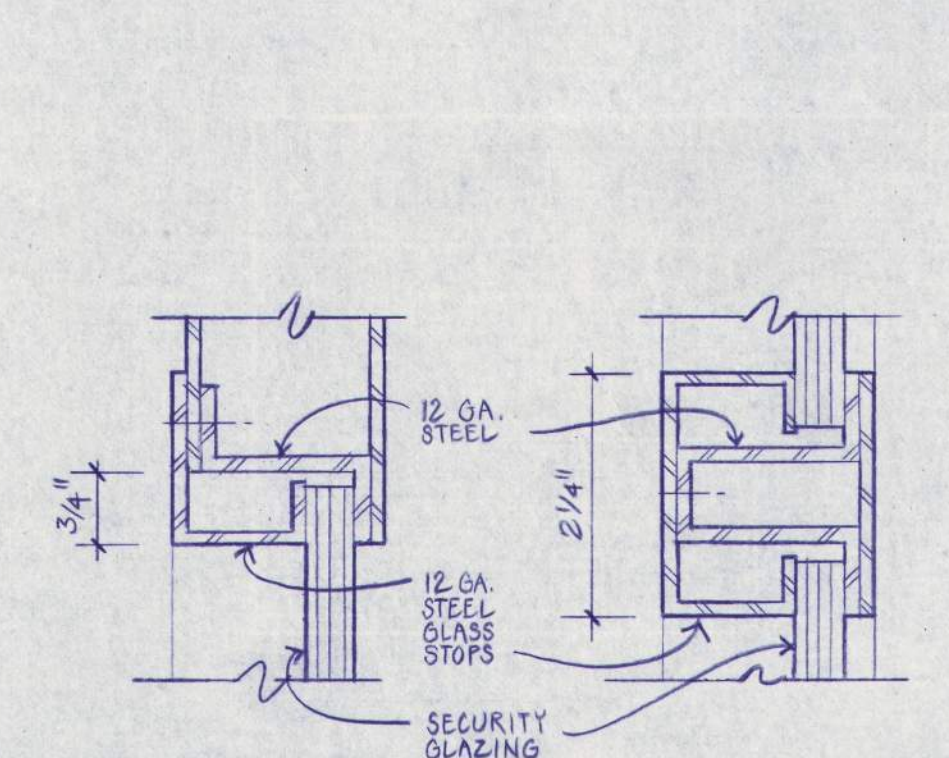
1 THRESHOLD
10 1/2" = 1'-0"



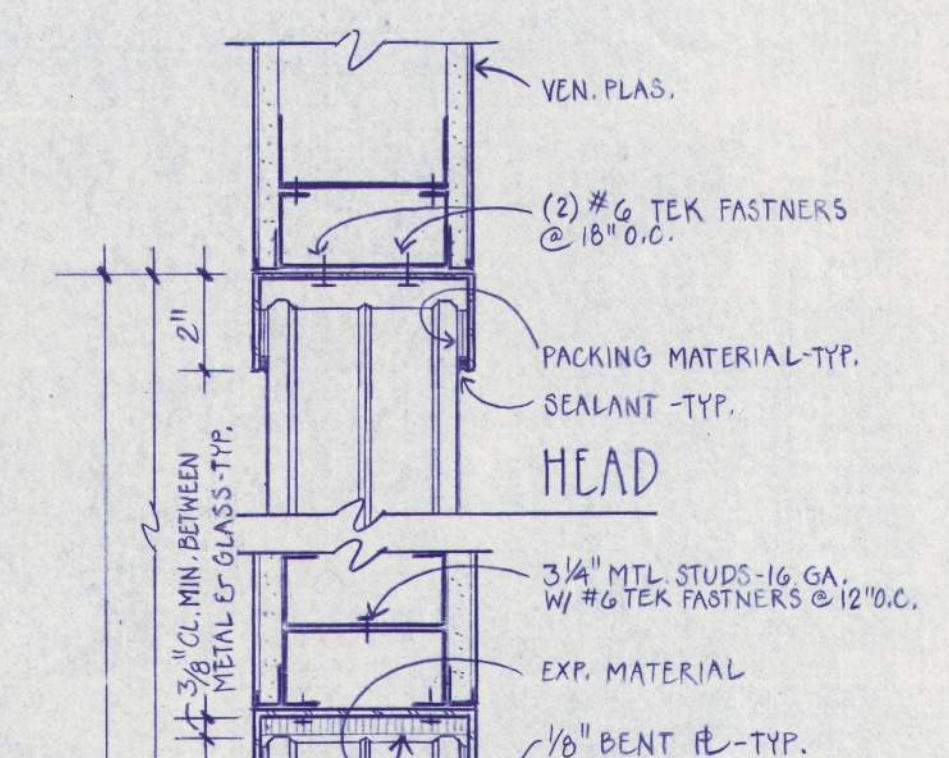
6 SHUTTER
10 3\"/>



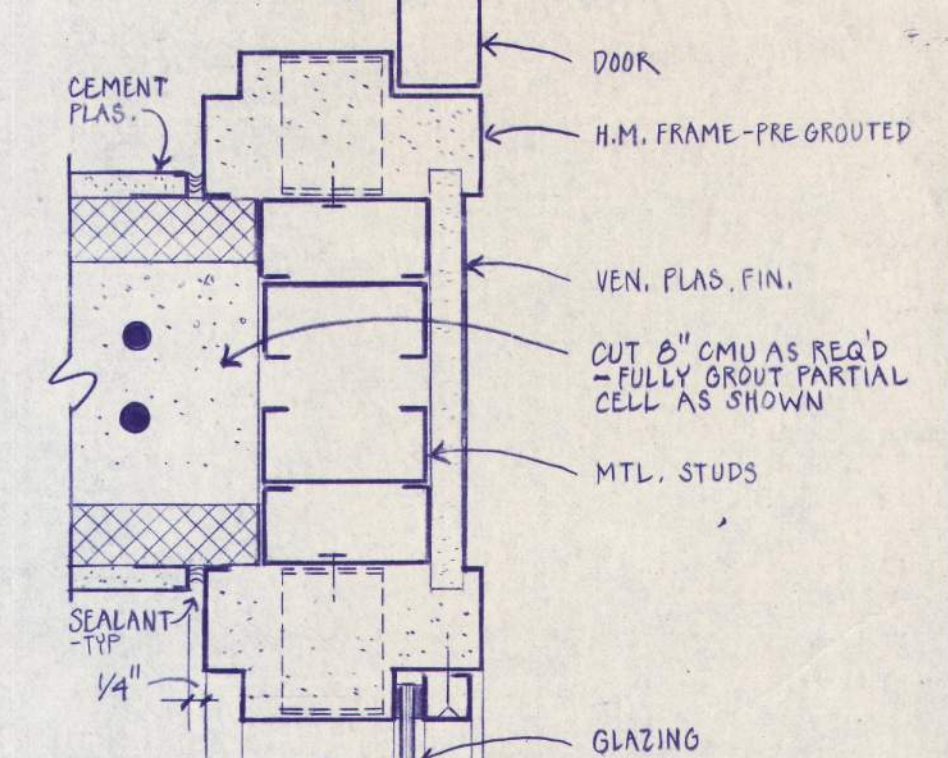
11 JAMB @ RELOCATED WINDOW HEAD SIM.
10 1/2" = 1'-0"



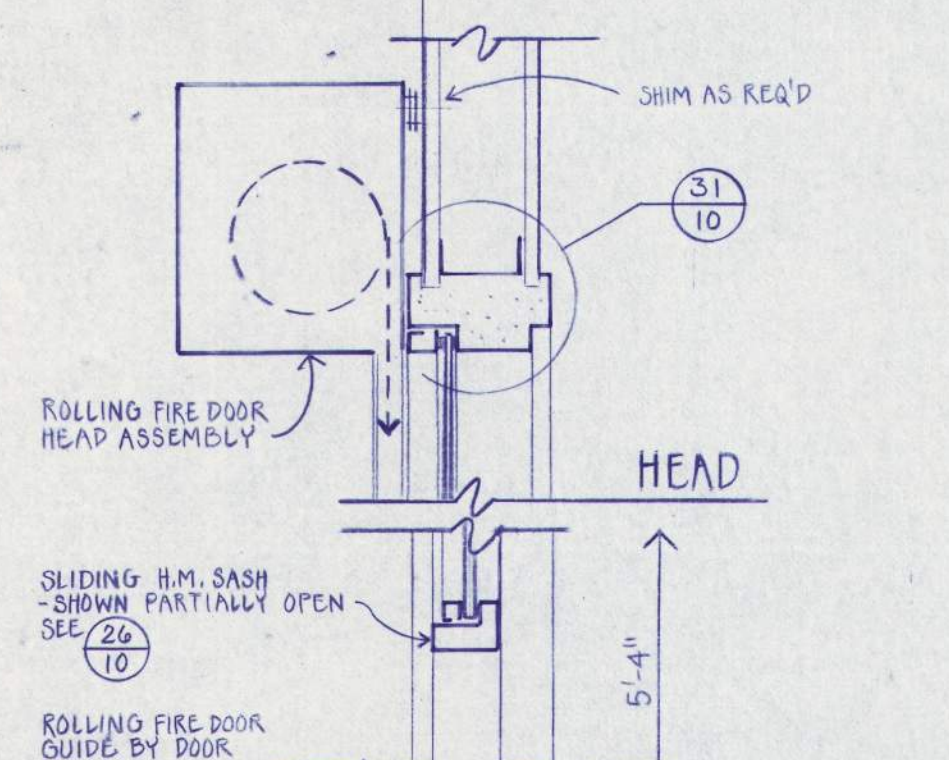
17 DETAILS:
10 HALF SCALE



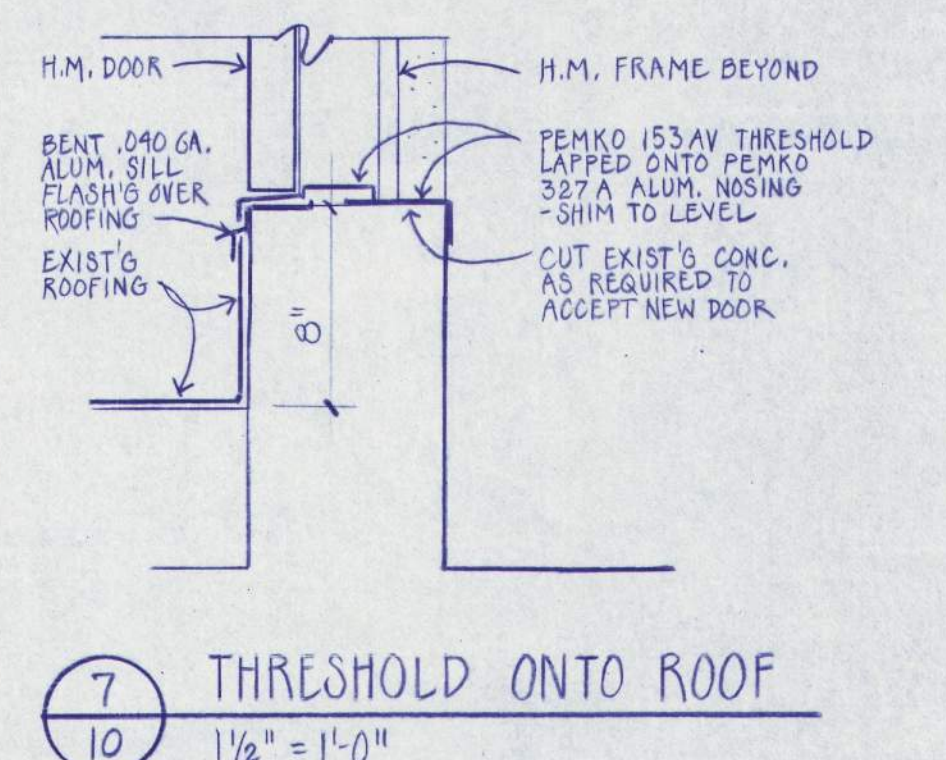
23 GLASS BLOCK
10 3\"/>



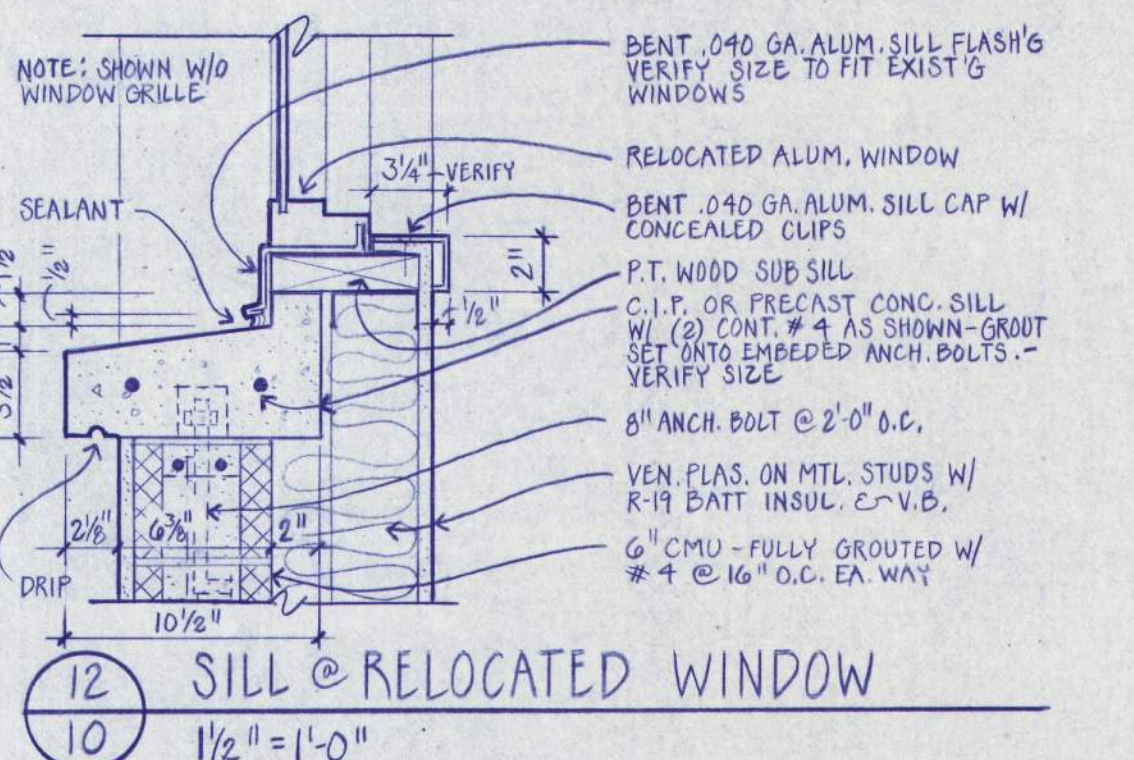
27 DETAIL @ VISITING
10 3\"/>



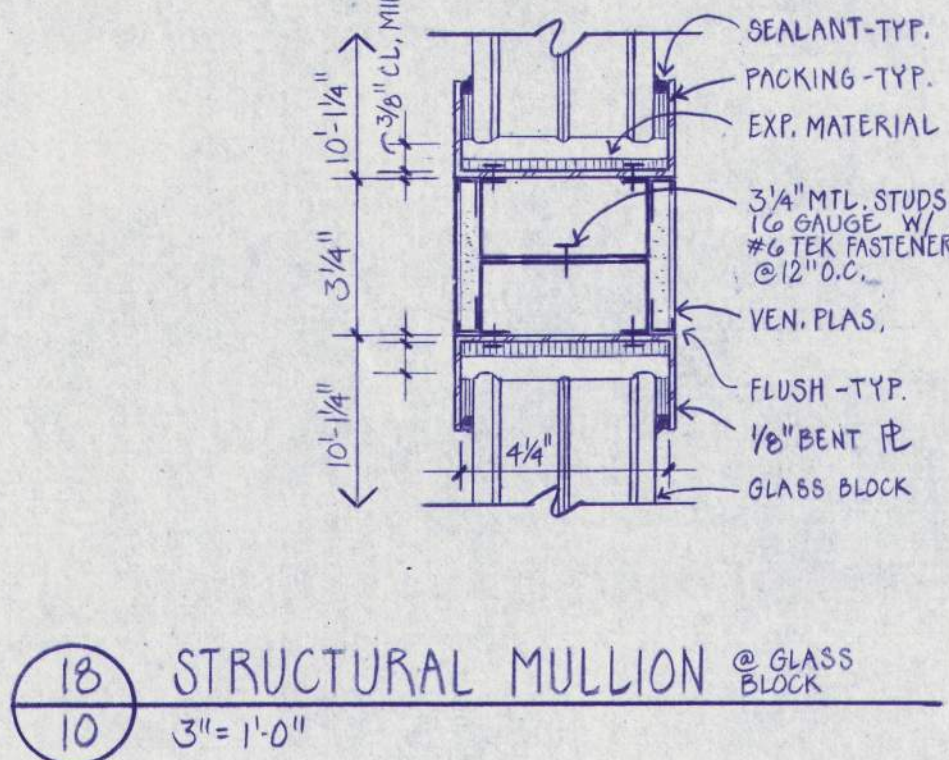
2 ROLLING FIRE DOOR @ BOOK REPOSITORY
10 1/2" = 1'-0"



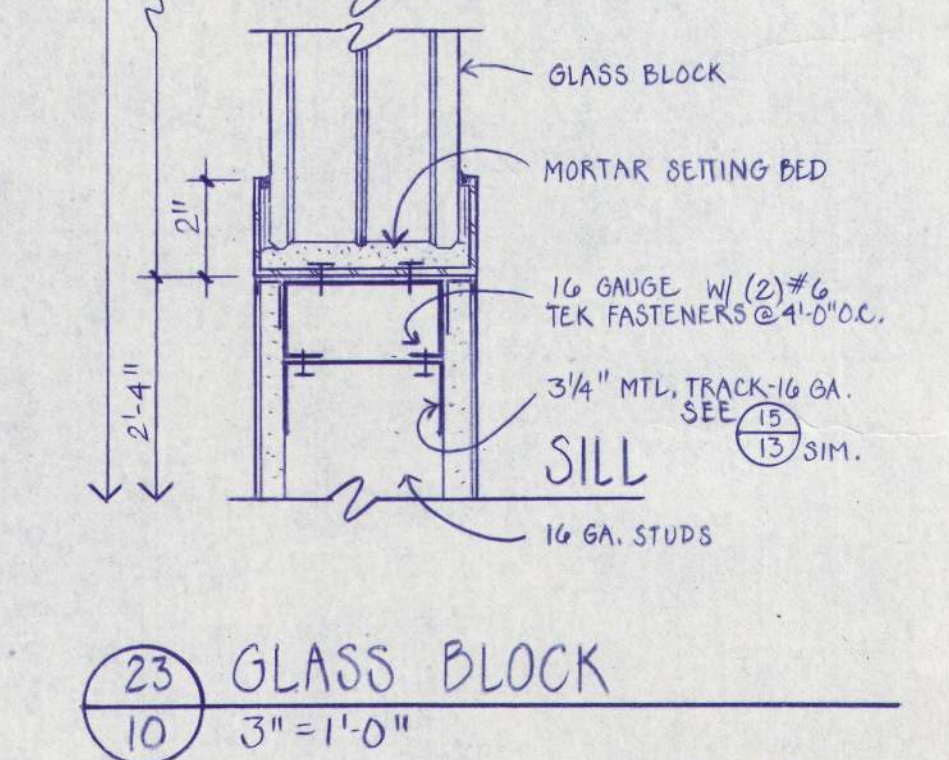
7 THRESHOLD ONTO ROOF
10 1/2" = 1'-0"



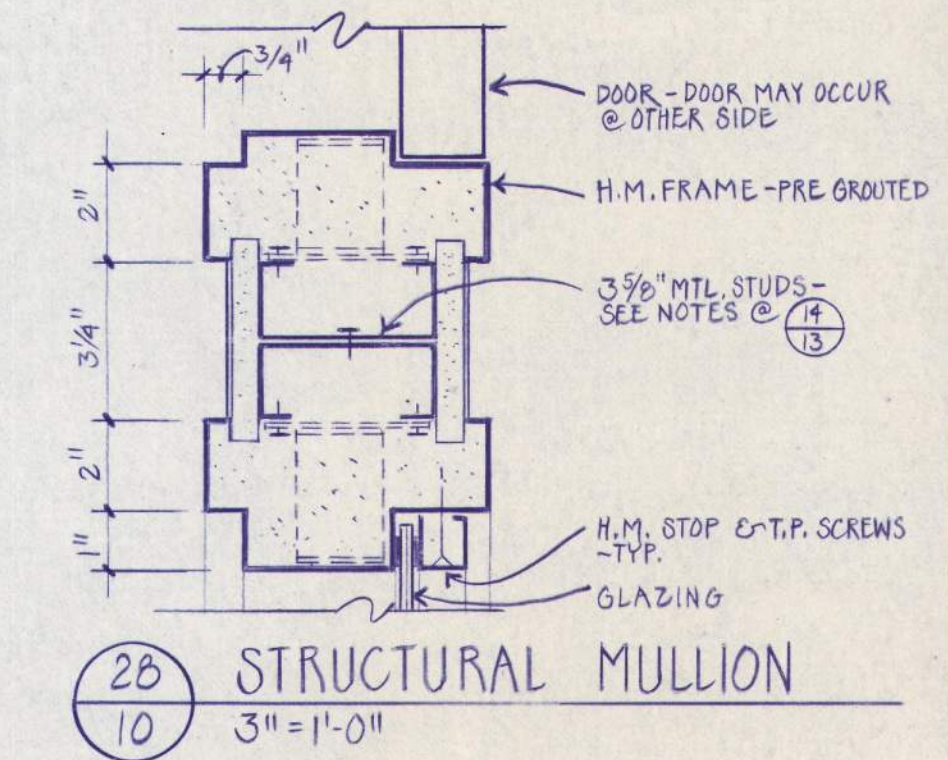
12 SILL @ RELOCATED WINDOW
10 1/2" = 1'-0"



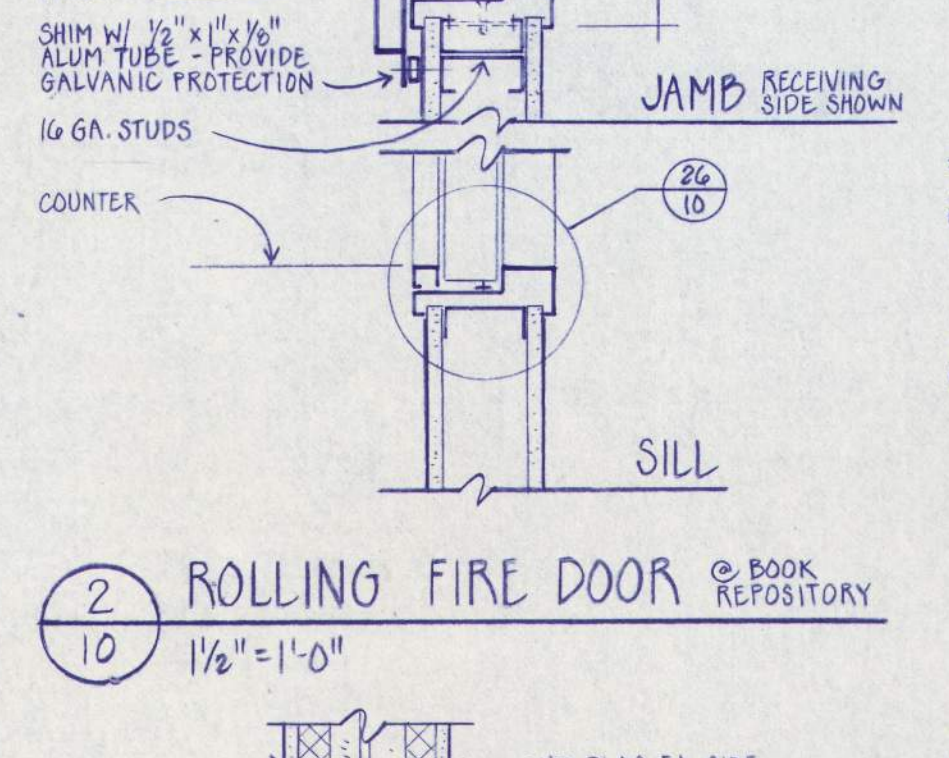
18 STRUCTURAL MULLION @ GLASS BLOCK
10 3\"/>



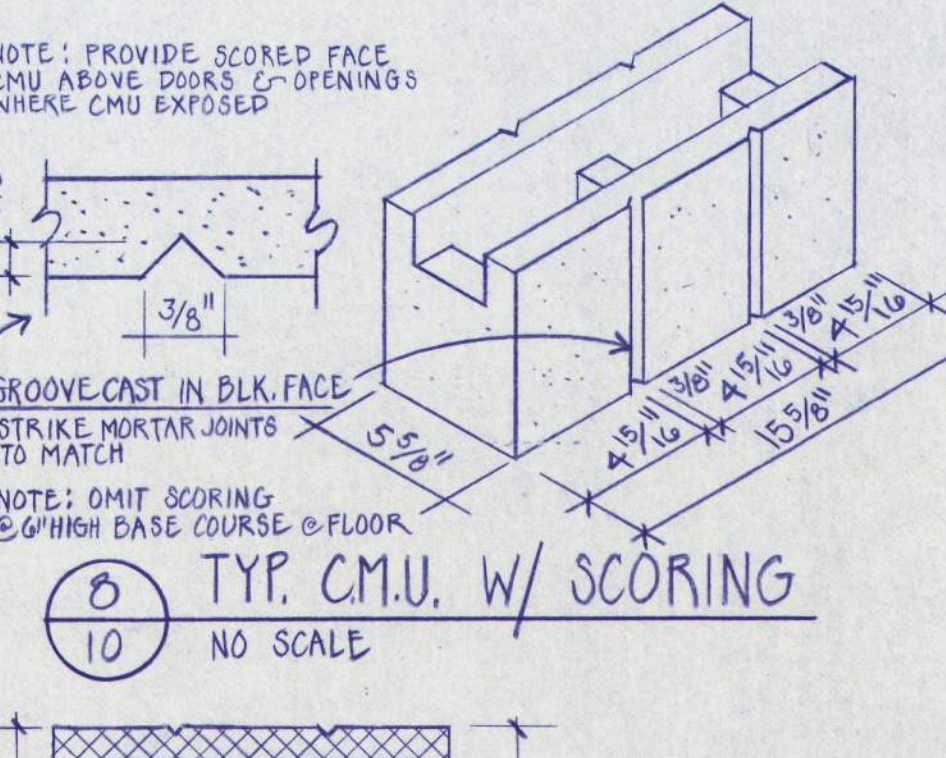
25 GLASS BLOCK
10 3\"/>



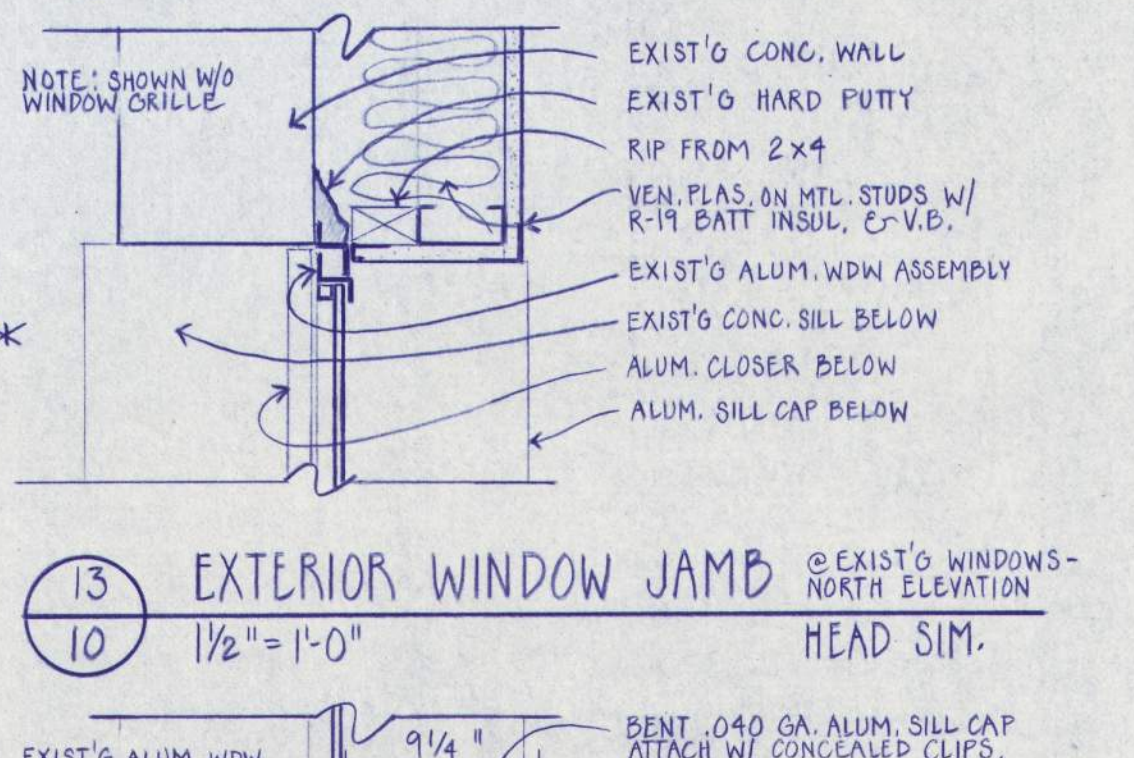
28 STRUCTURAL MULLION
10 3\"/>



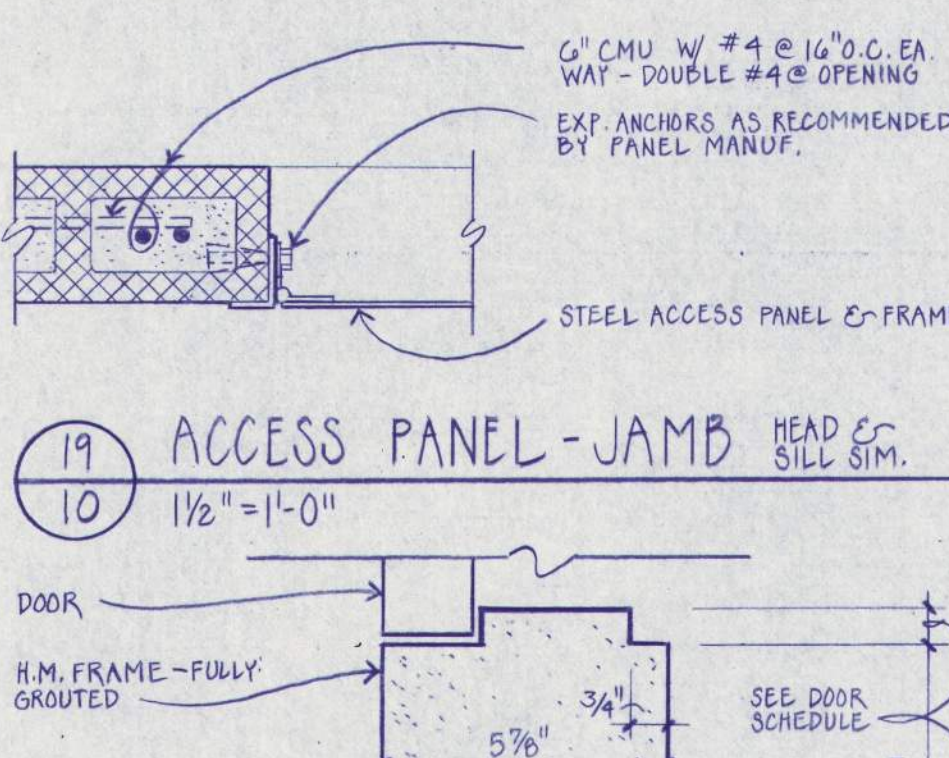
3 HEAD @ SECURED VISITING
10 1/2" = 1'-0"



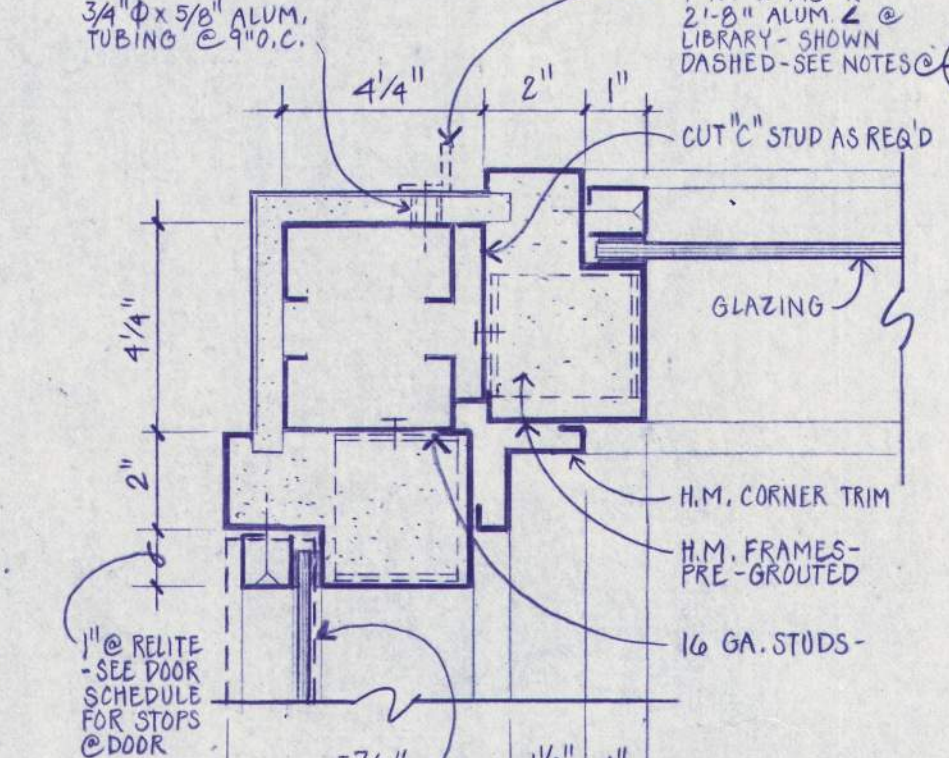
8 TYP. CMU W/ SCORING
10 NO SCALE



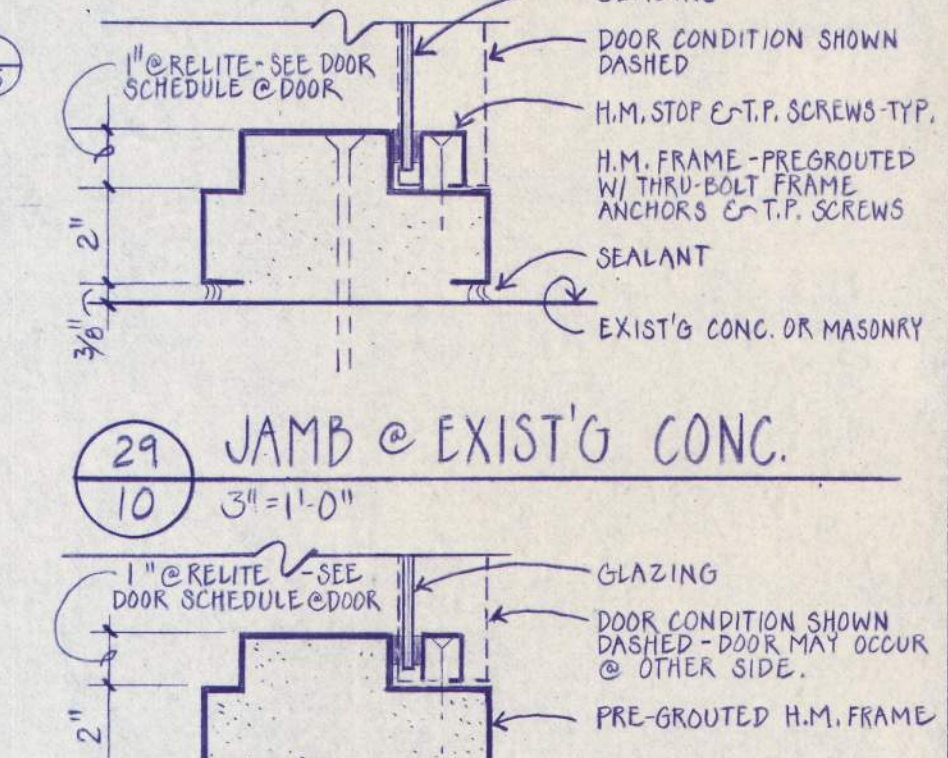
13 EXTERIOR WINDOW JAMB @ EXIST'G WINDOWS-NORTH ELEVATION
10 1/2" = 1'-0"



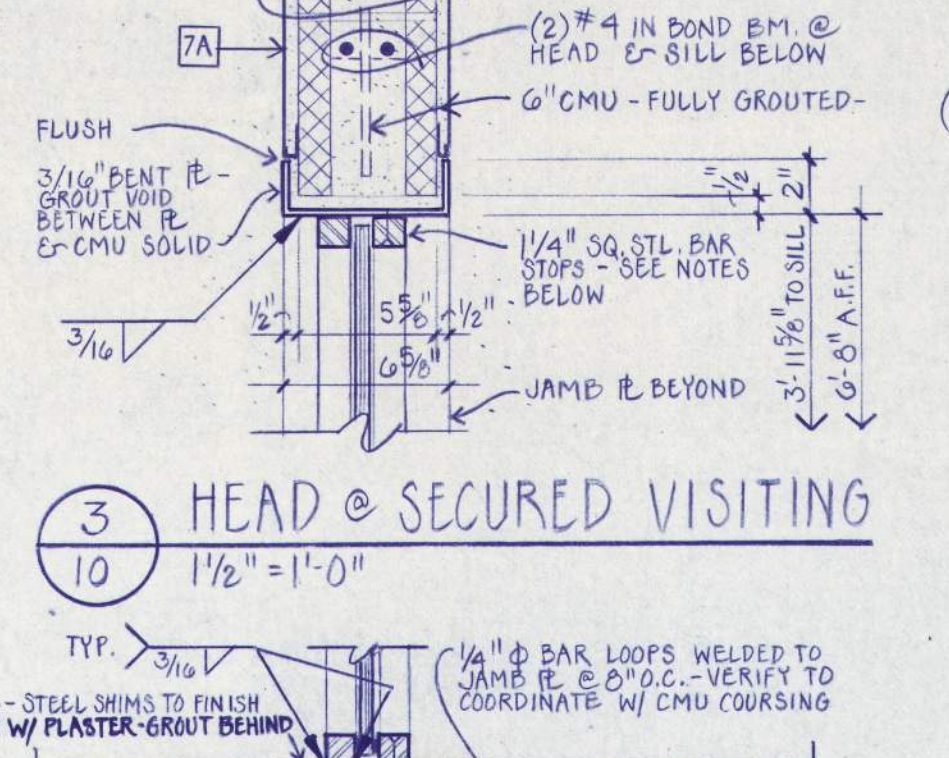
19 ACCESS PANEL - JAMB HEAD @ SILL SIM.
10 1/2" = 1'-0"



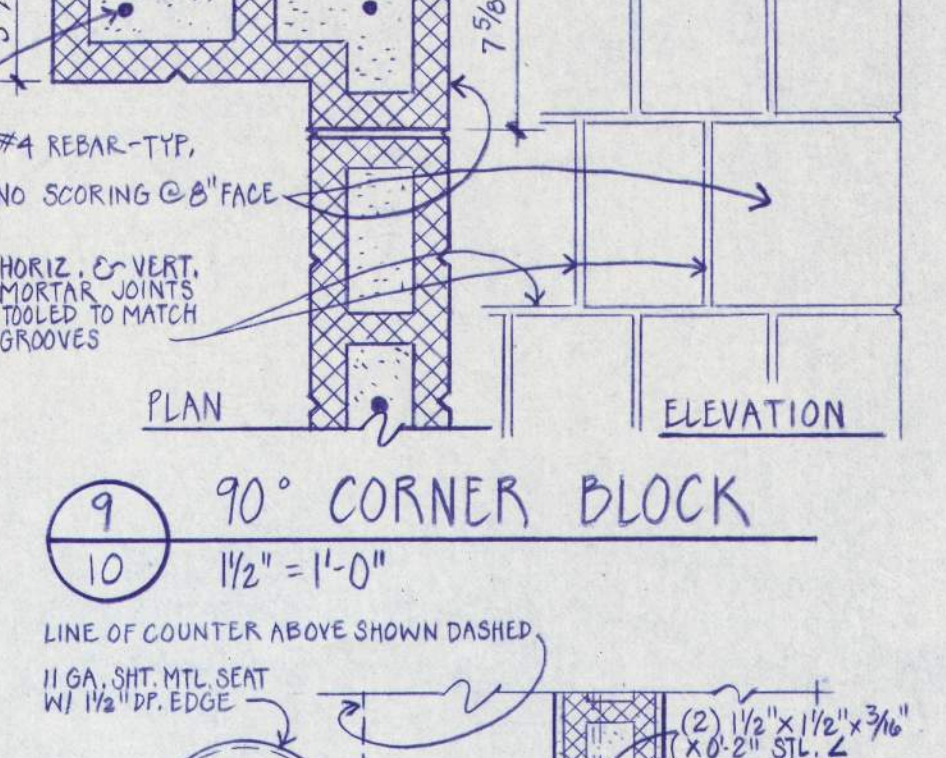
24 CORNER MULLION
10 3\"/>



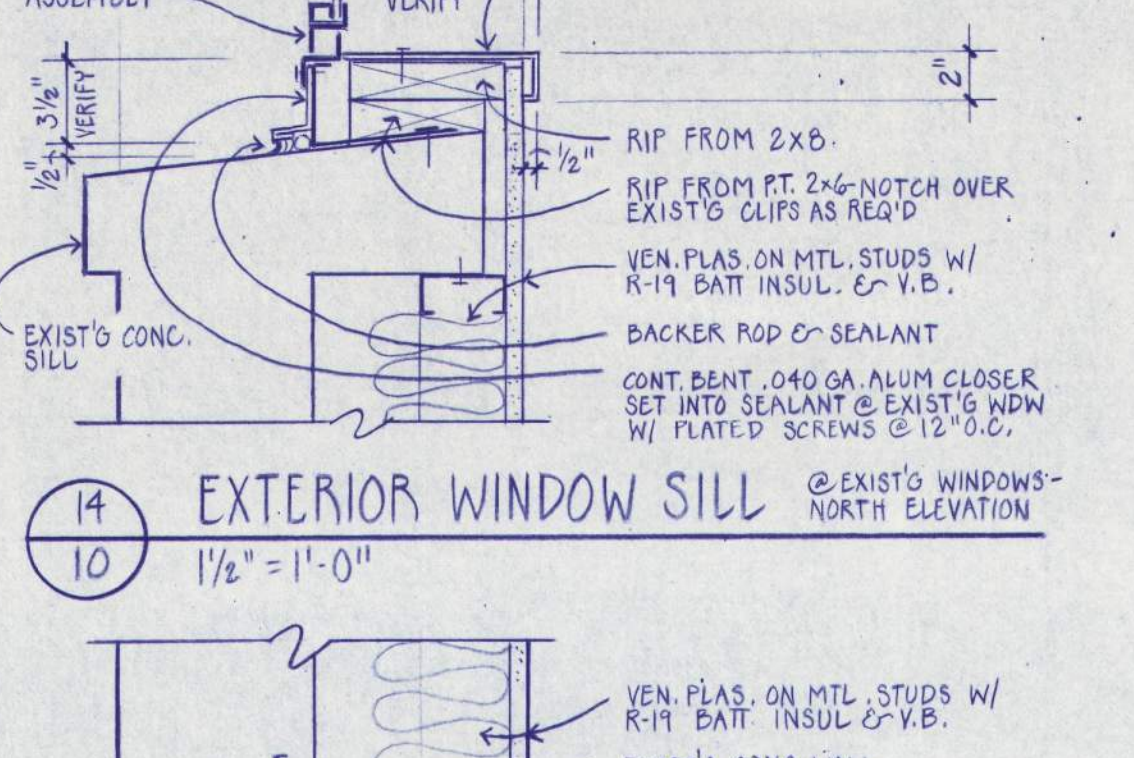
29 JAMB @ EXIST'G CONC.
10 3\"/>



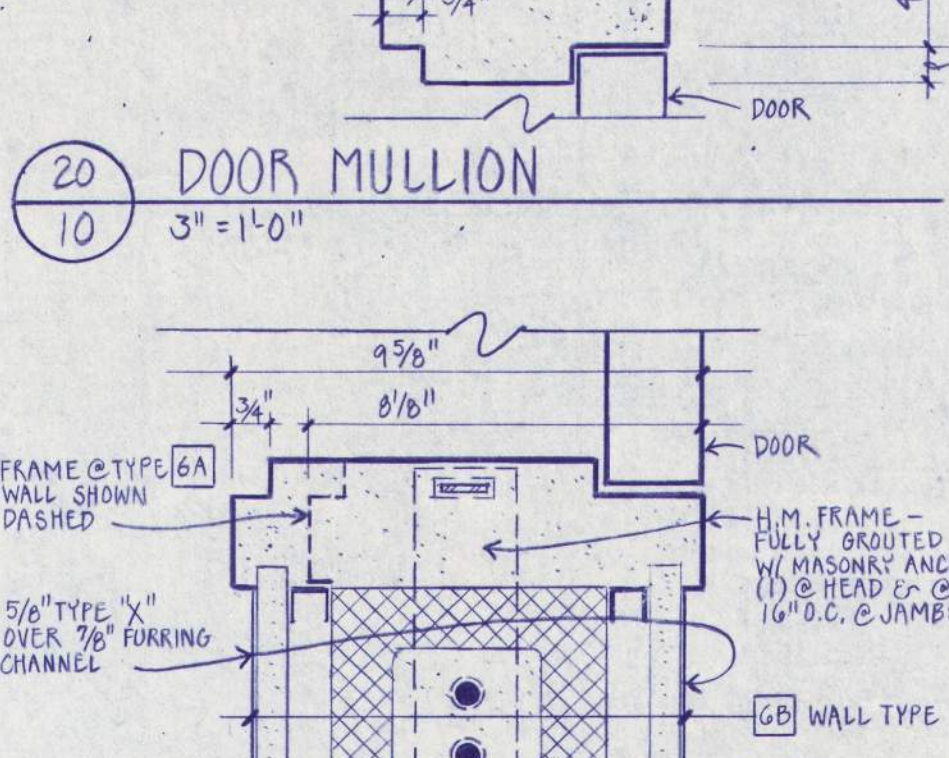
4 JAMBS @ SECURED VISITING
10 1/2" = 1'-0"



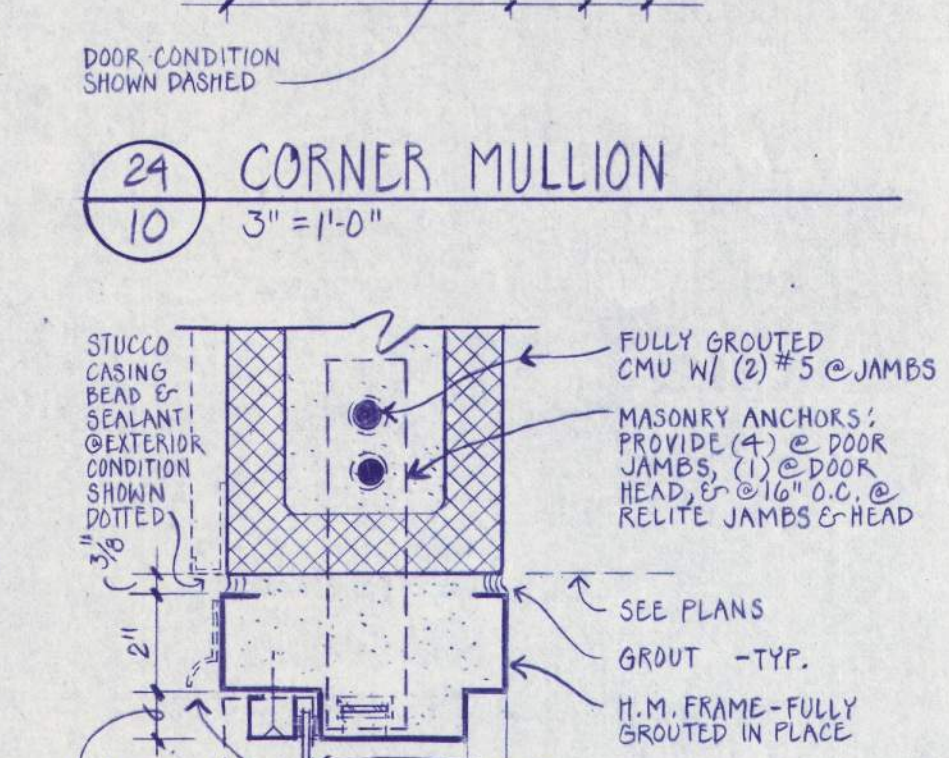
9 90° CORNER BLOCK
10 1/2" = 1'-0"



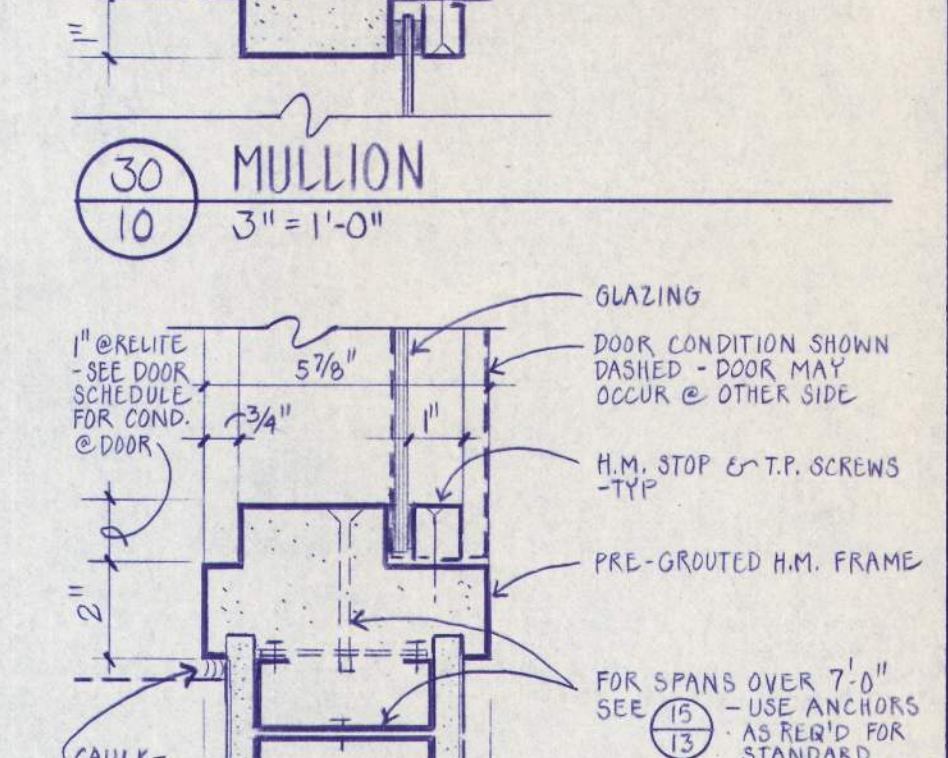
14 EXTERIOR WINDOW SILL @ EXIST'G WINDOWS-NORTH ELEVATION
10 1/2" = 1'-0"



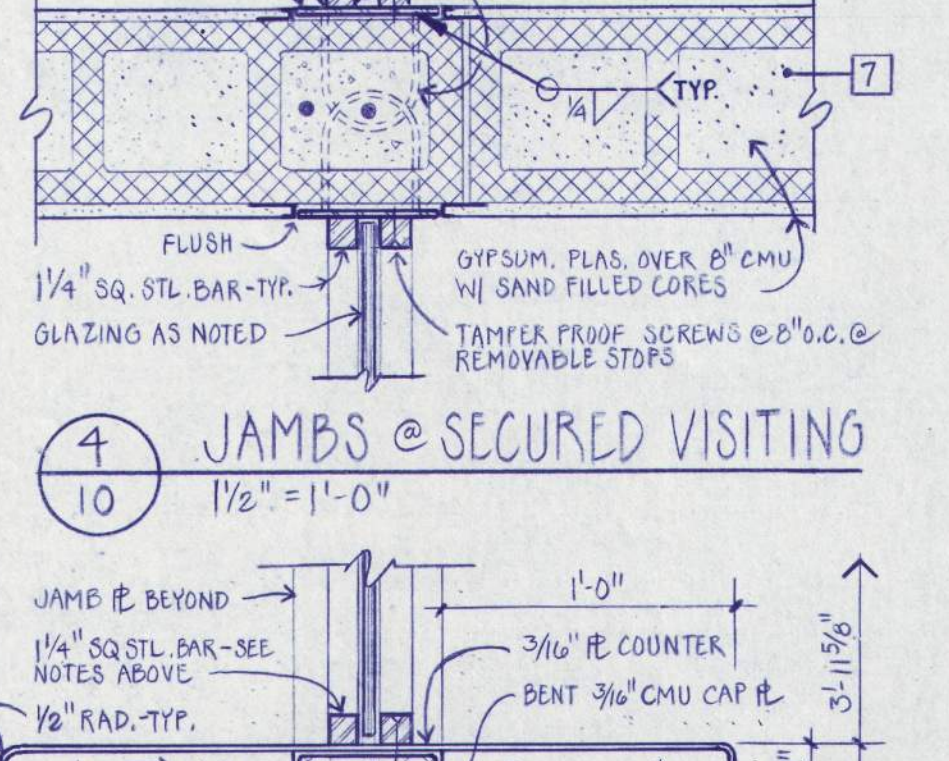
20 DOOR MULLION
10 3\"/>



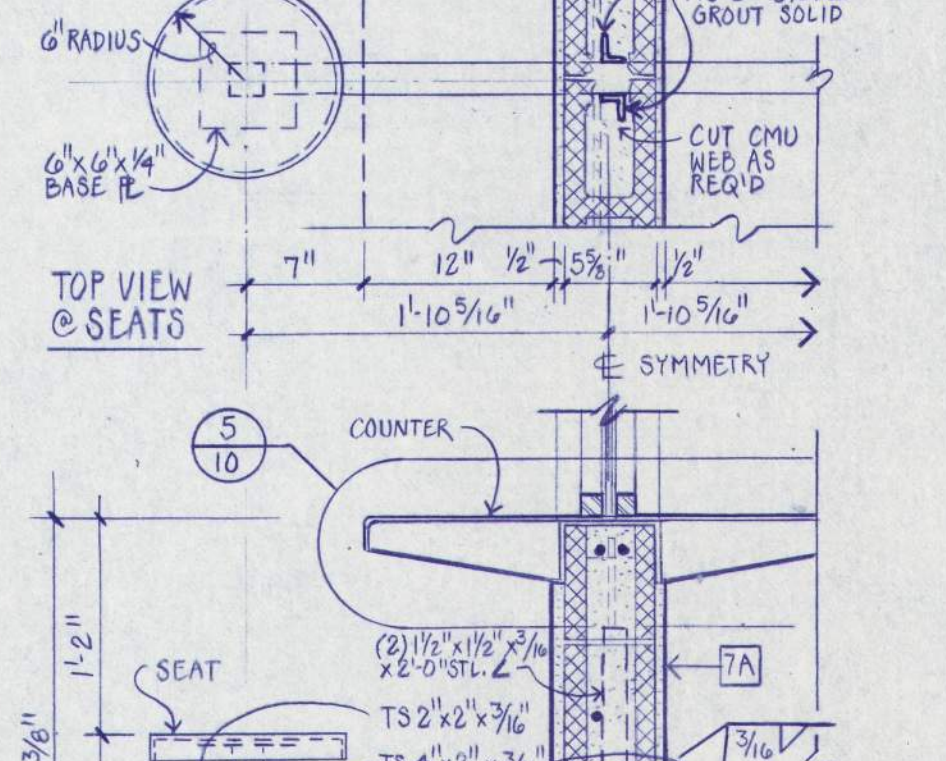
21 DOOR HEAD/ JAMB @ FURRED CMU
10 3\"/>



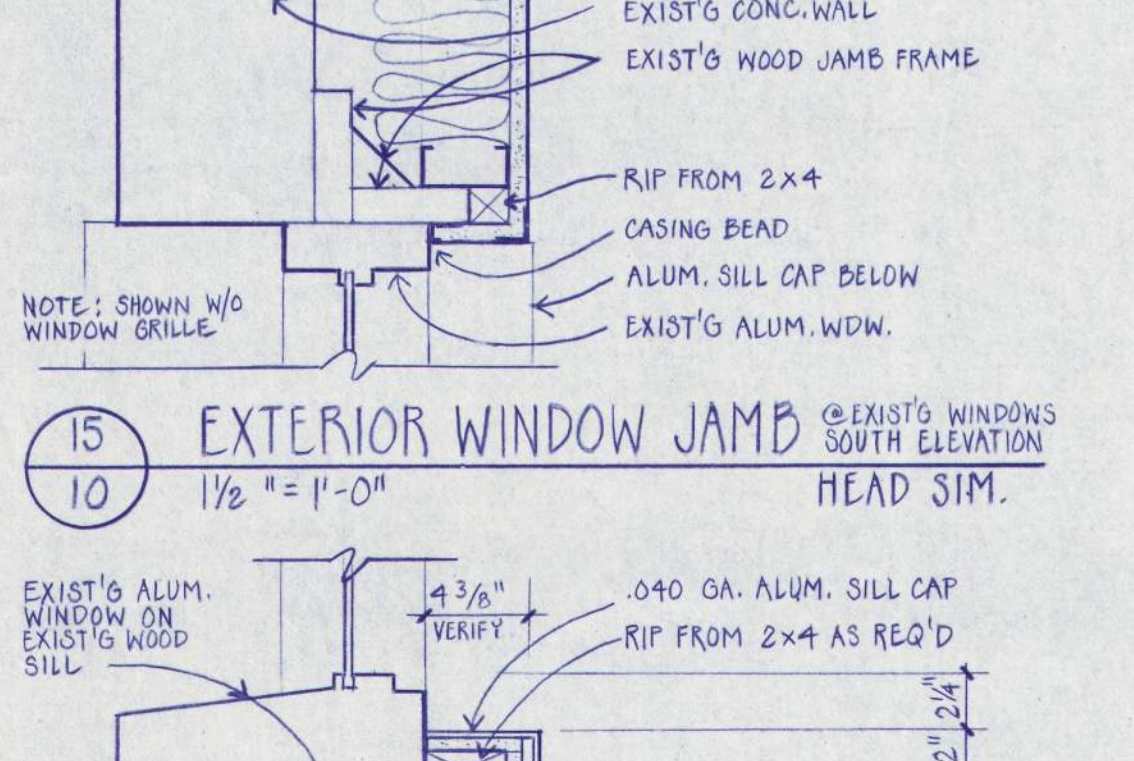
30 MULLION
10 3\"/>



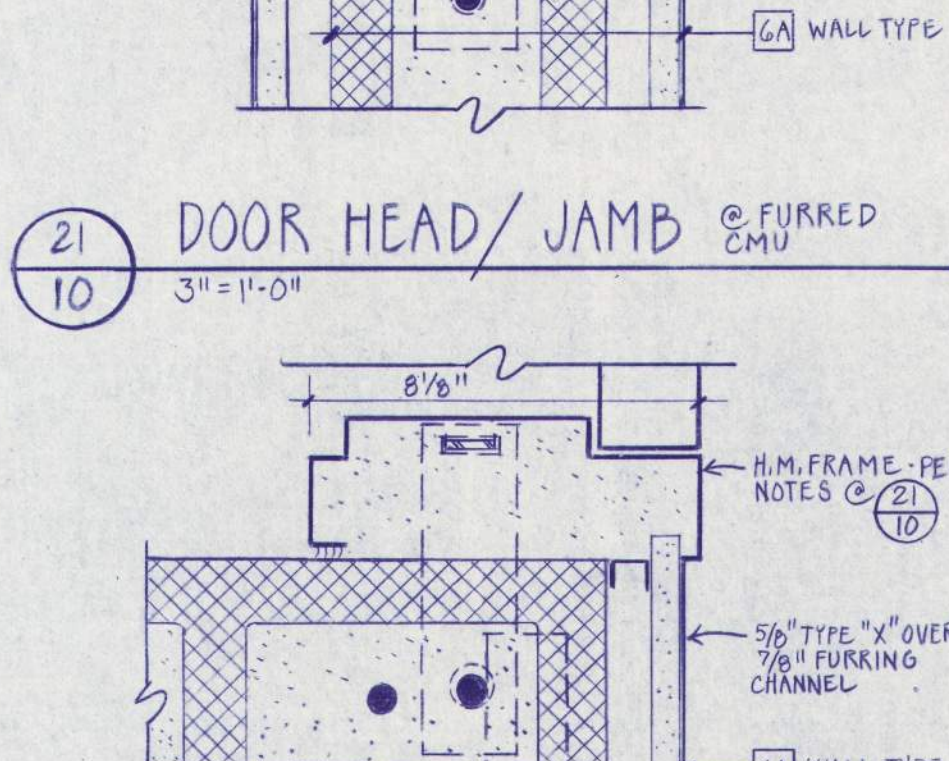
5 COUNTER
10 1/2" = 1'-0"



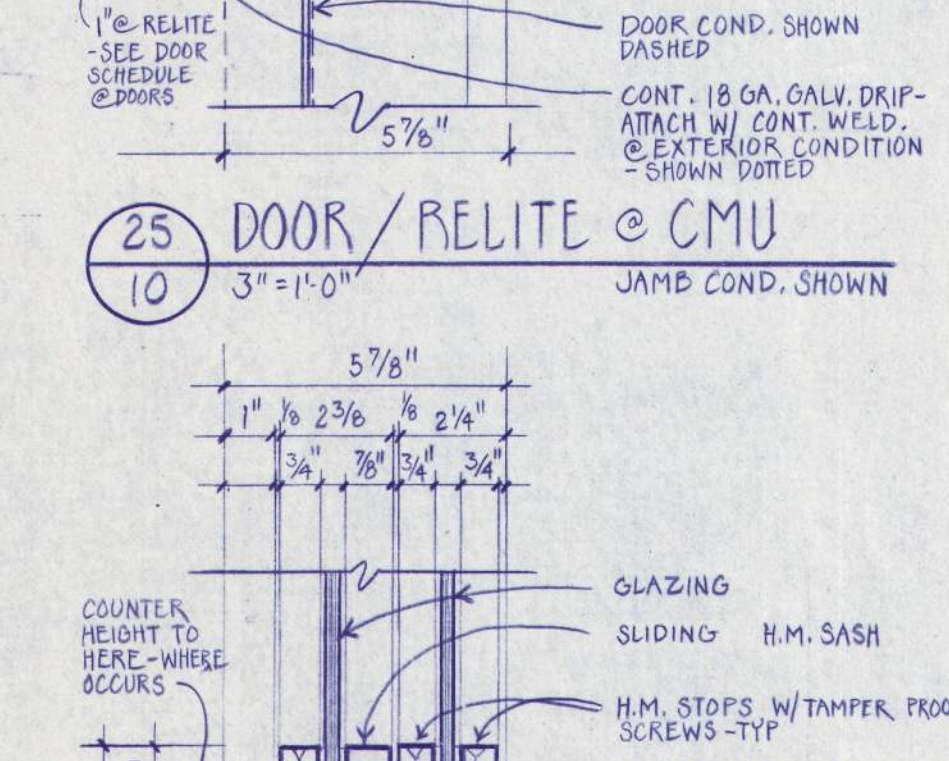
10 SEATS @ SECURED VISITING
10 1" = 1'-0"



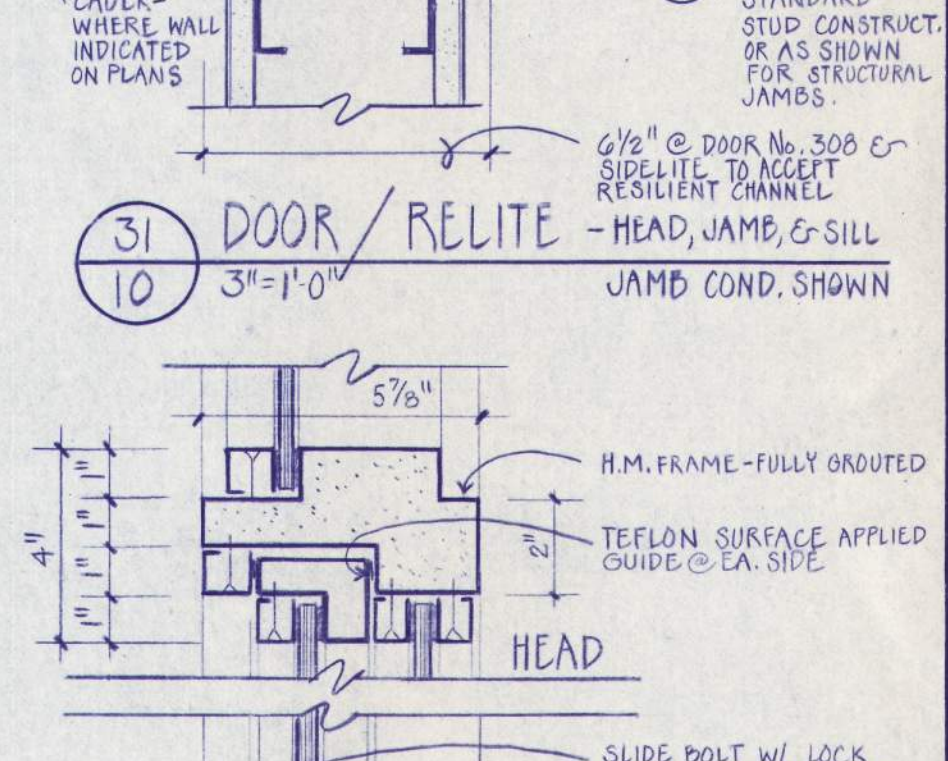
15 EXTERIOR WINDOW JAMB @ EXIST'G WINDOWS-SOUTH ELEVATION
10 1/2" = 1'-0"



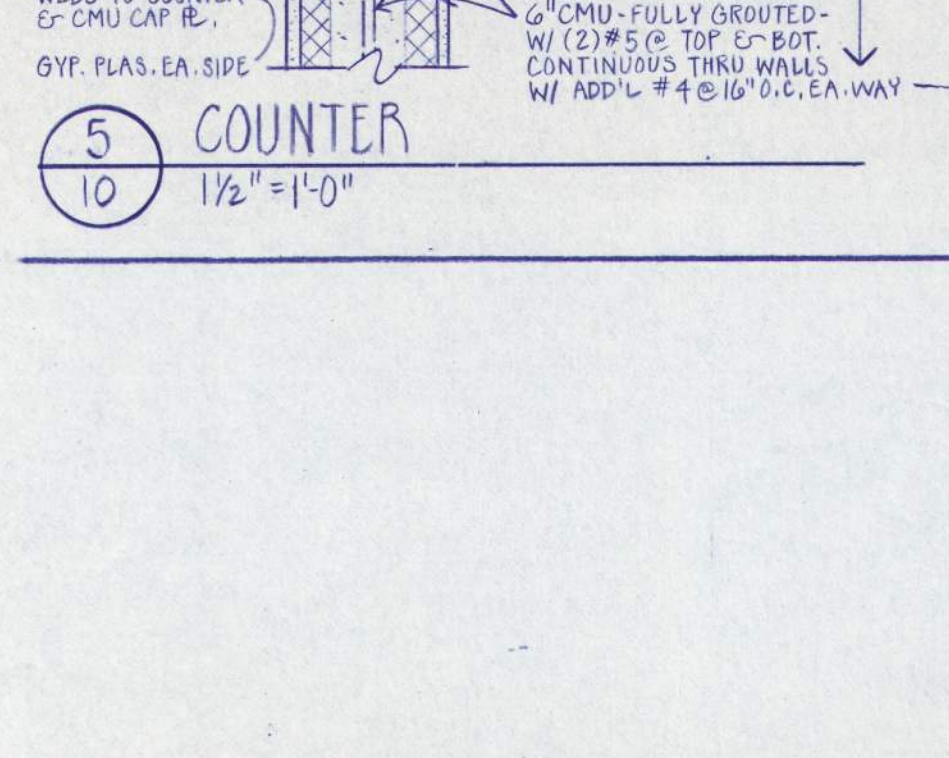
22 JAMBS @ FURRED CMU WALL
10 3\"/>



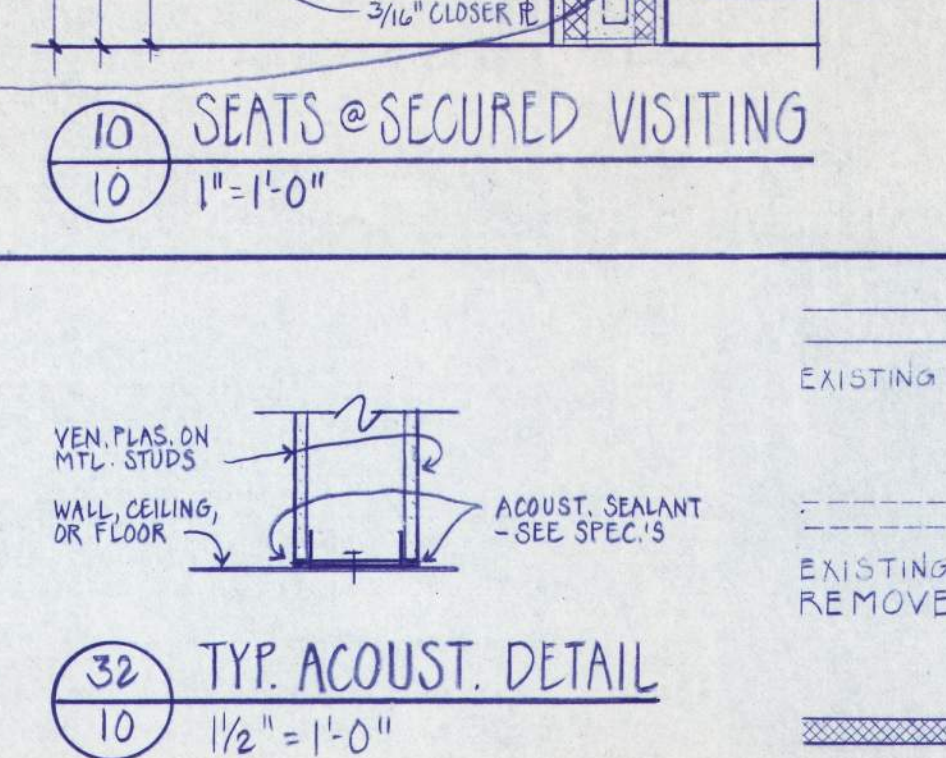
26 H.M. SLIDING WINDOW DETAILS
10 3\"/>



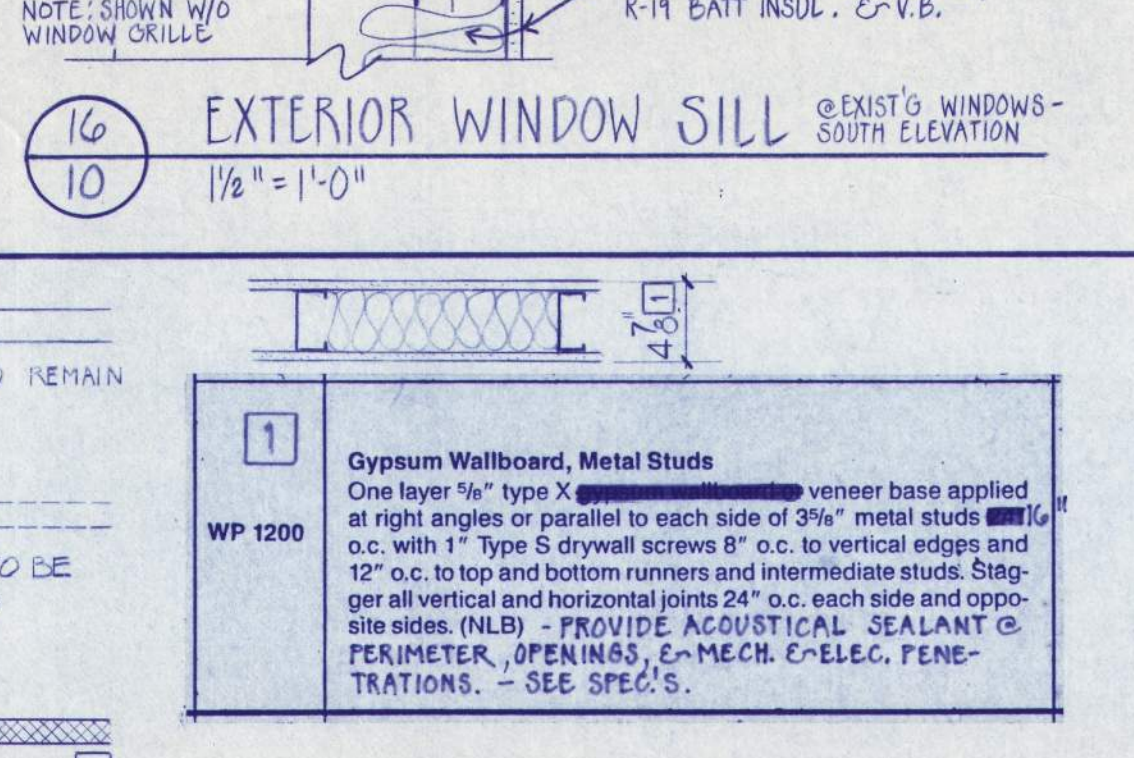
31 DOOR/ RELITE @ CMU
10 3\"/>



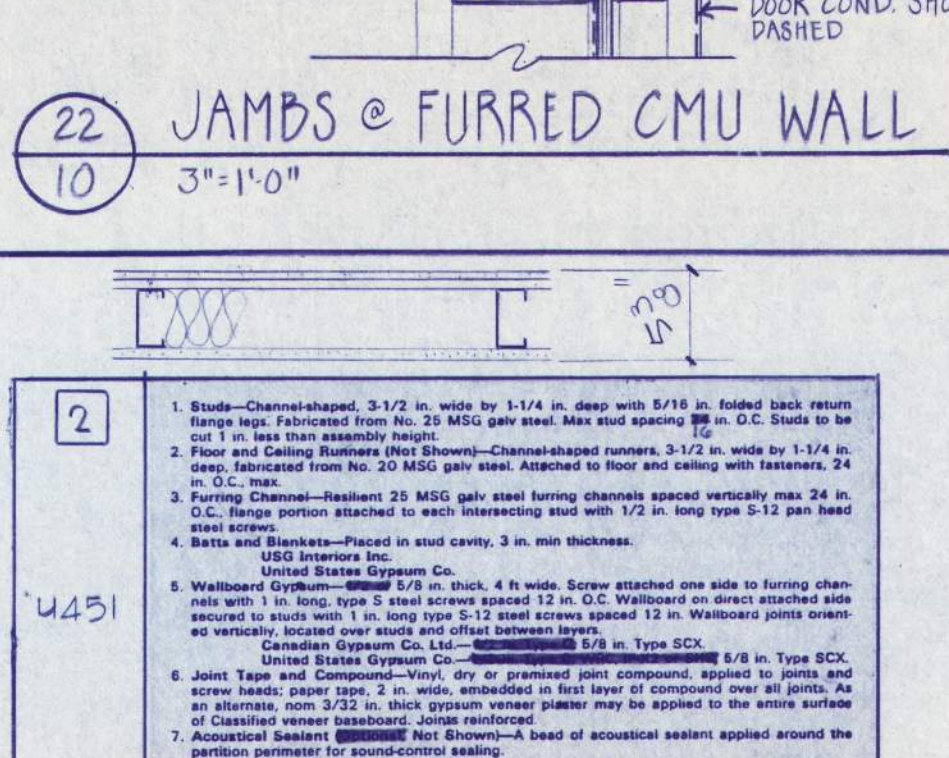
3 HEAD @ SECURED VISITING
10 1/2" = 1'-0"



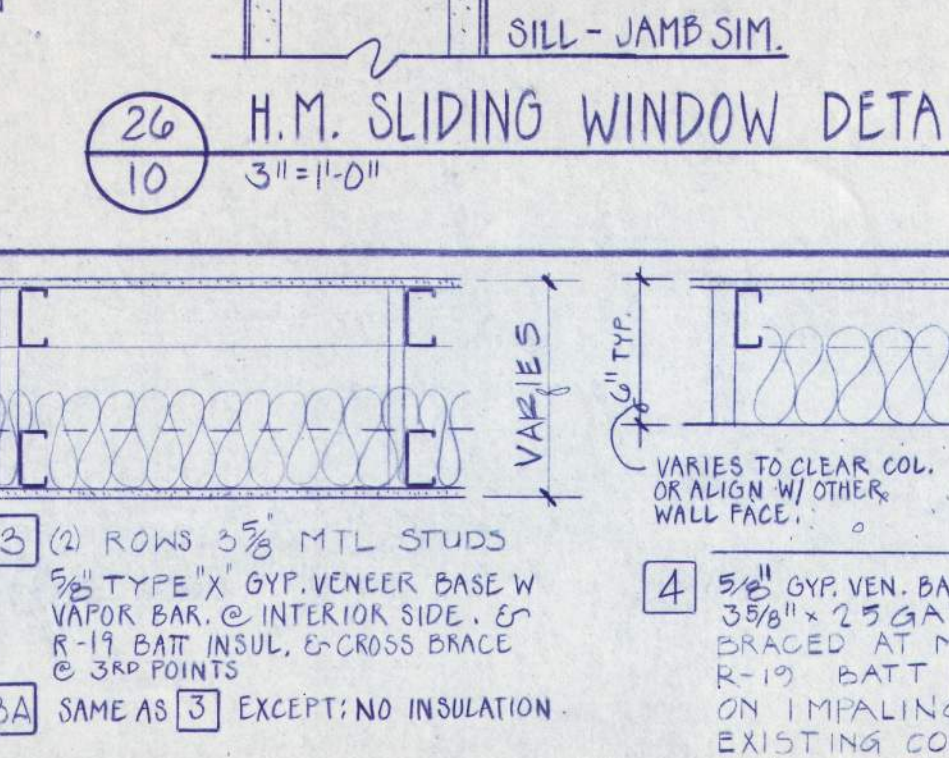
8 TYP. CMU W/ SCORING
10 NO SCALE



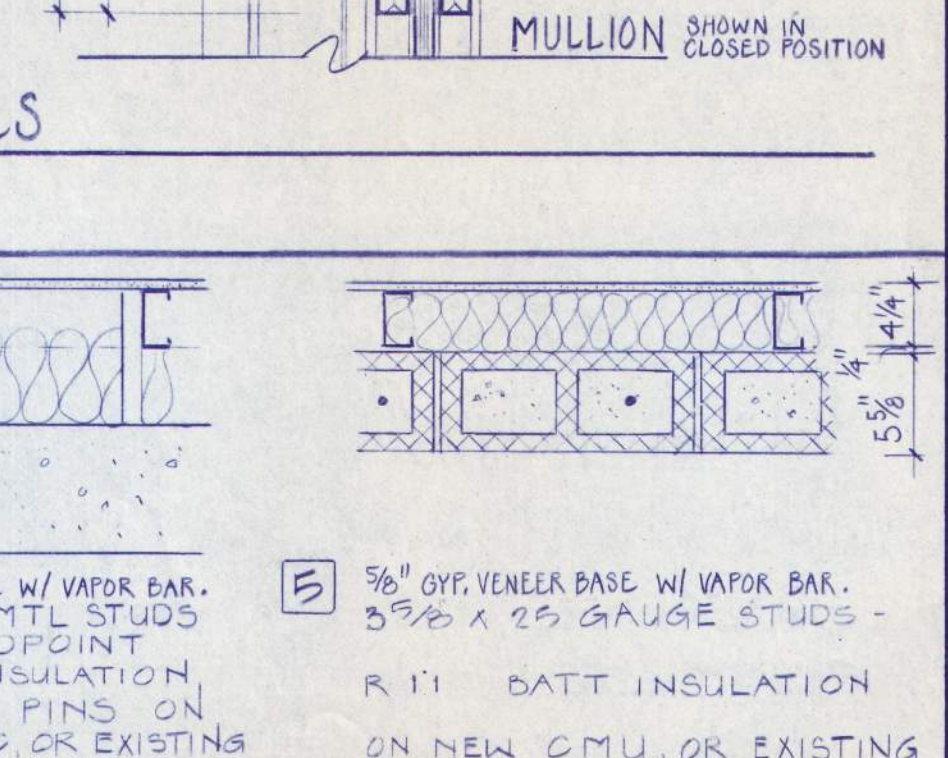
13 EXTERIOR WINDOW JAMB @ EXIST'G WINDOWS-NORTH ELEVATION
10 1/2" = 1'-0"



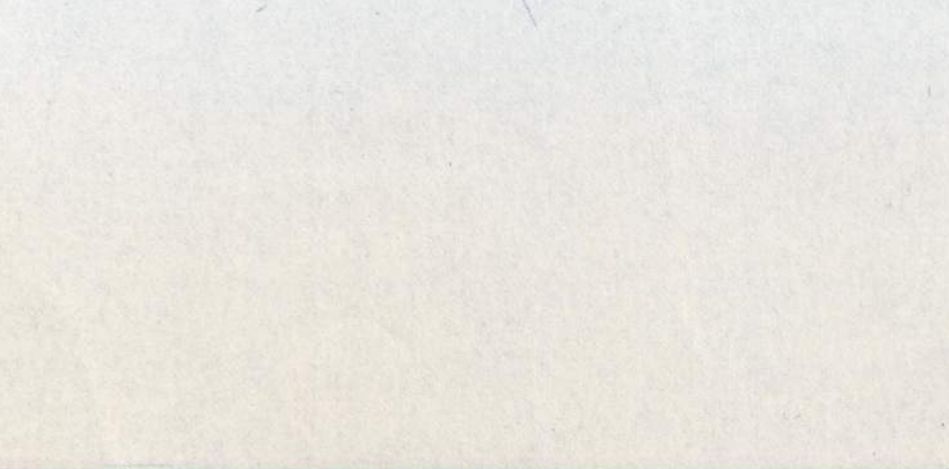
19 ACCESS PANEL - JAMB HEAD @ SILL SIM.
10 1/2" = 1'-0"



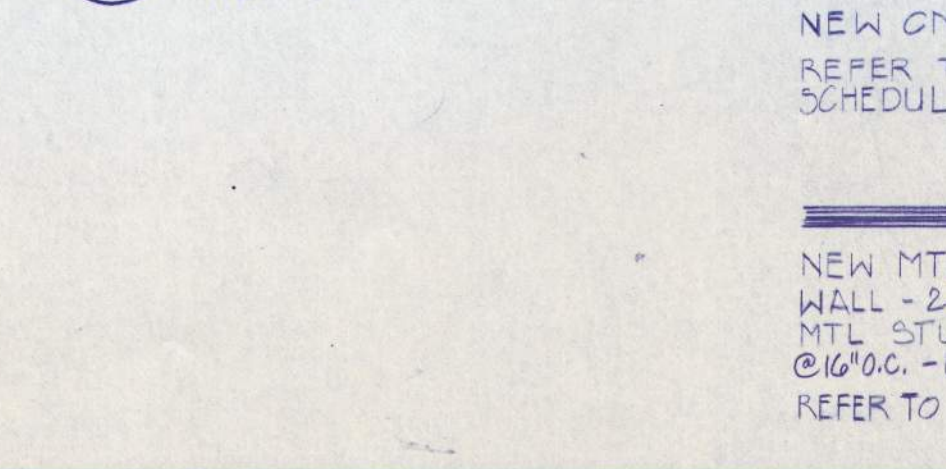
24 CORNER MULLION
10 3\"/>



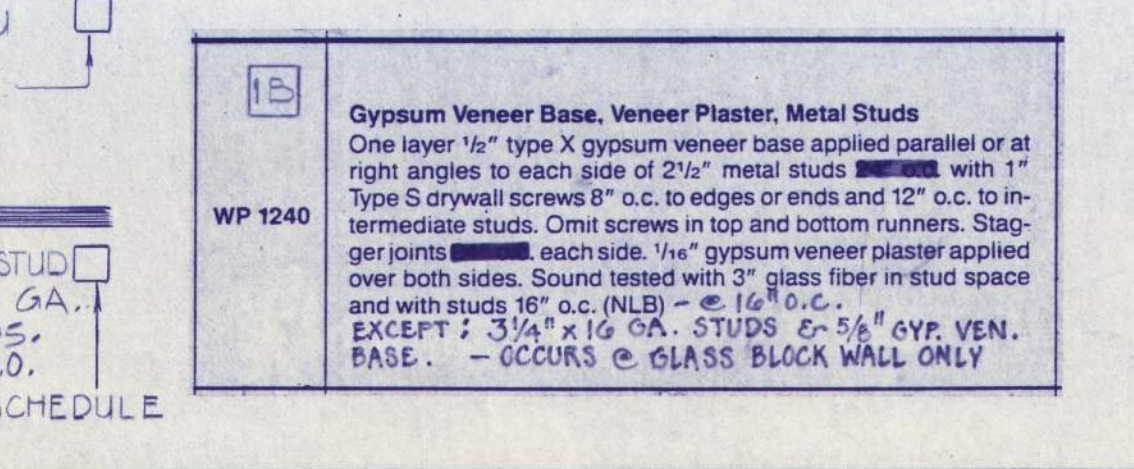
29 JAMB @ EXIST'G CONC.
10 3\"/>



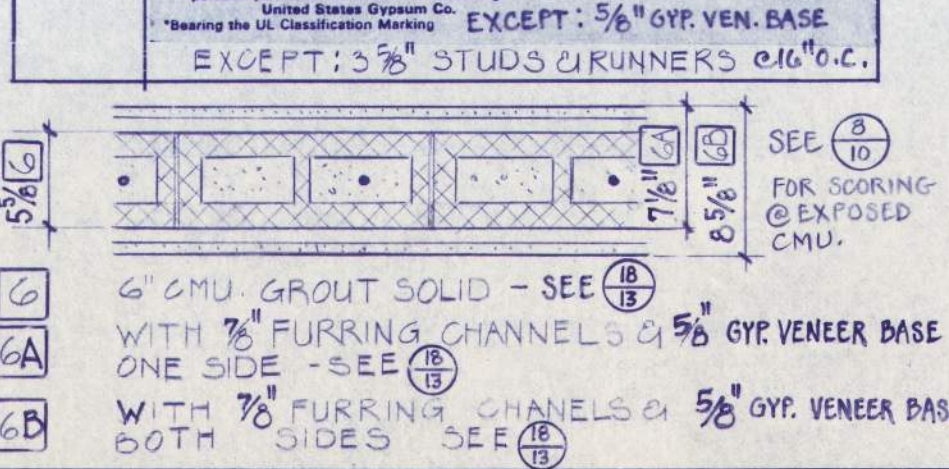
4 JAMBS @ SECURED VISITING
10 1/2" = 1'-0"



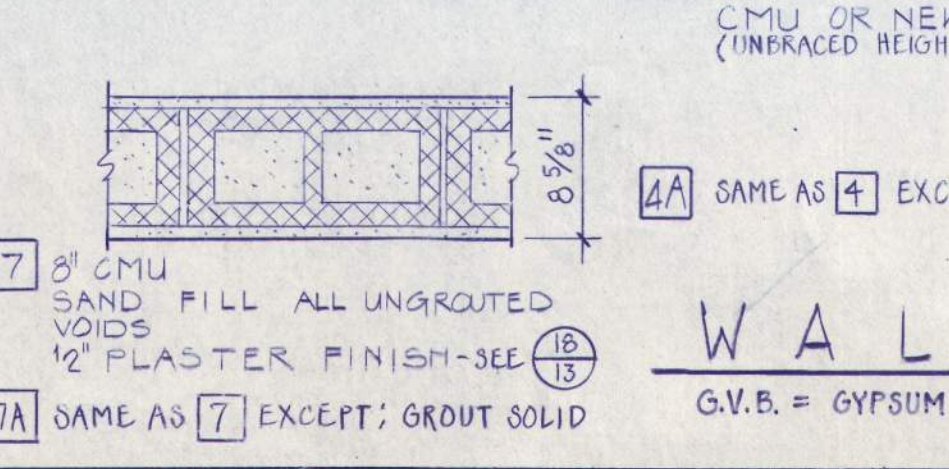
9 90° CORNER BLOCK
10 1/2" = 1'-0"



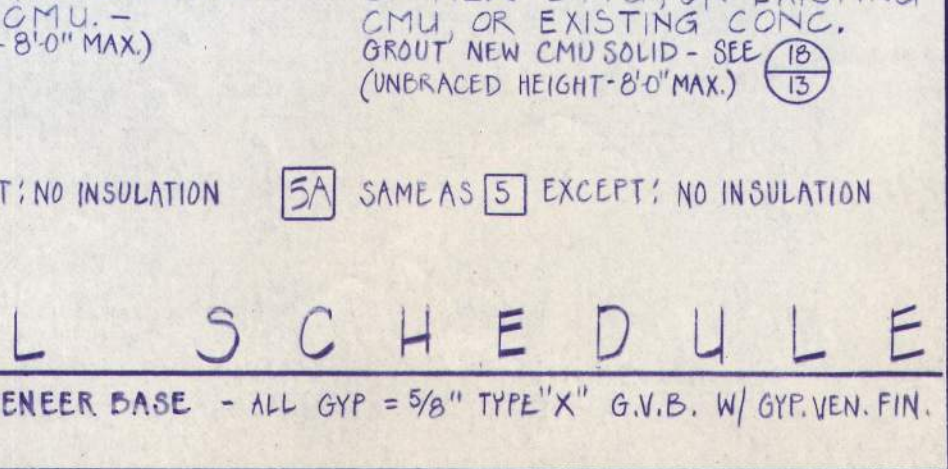
14 EXTERIOR WINDOW SILL @ EXIST'G WINDOWS-NORTH ELEVATION
10 1/2" = 1'-0"



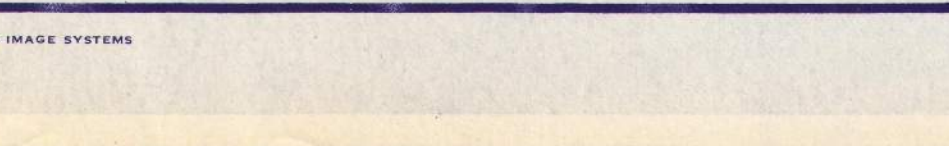
20 DOOR MULLION
10 3\"/>



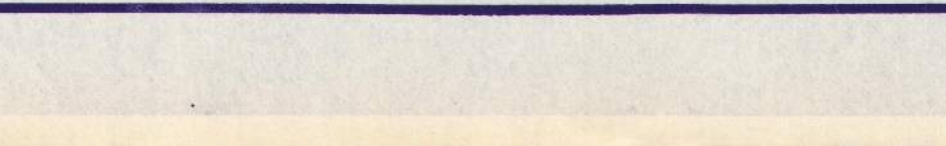
21 DOOR HEAD/ JAMB @ FURRED CMU
10 3\"/>



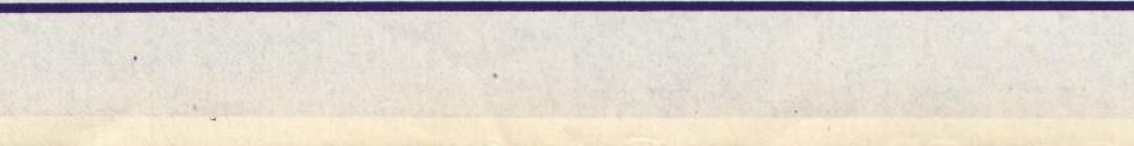
30 MULLION
10 3\"/>



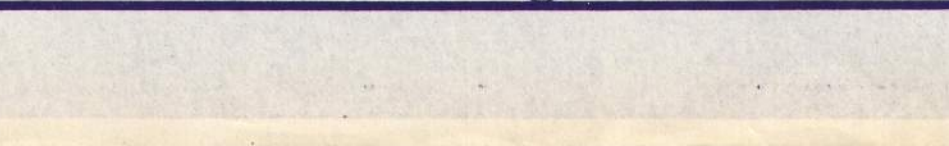
5 COUNTER
10 1/2" = 1'-0"



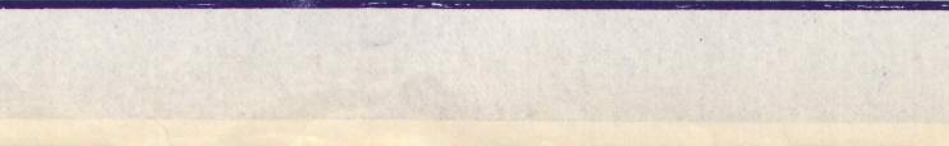
10 SEATS @ SECURED VISITING
10 1" = 1'-0"



15 EXTERIOR WINDOW JAMB @ EXIST'G WINDOWS-SOUTH ELEVATION
10 1/2" = 1'-0"



22 JAMBS @ FURRED CMU WALL
10 3\"/>



26 H.M. SLIDING WINDOW DETAILS
10 3\"/>



31 DOOR/ RELITE @ CMU
10 3\"/>

NO.	DESCRIPTION
1	Gypsum Wallboard, Metal Studs One layer 5/8" Type X gypsum wallboard applied parallel or at right angles to each side of 3" metal studs @ 16" o.c. with 1" Type S drywall screws @ 8" o.c. to vertical edges and 12" o.c. to top and bottom runners and intermediate studs. Stagger all vertical and horizontal joints 24" o.c. each side and opposite sides. (N.B.) - PROVIDE ACOUSTICAL SEALANT @ PERIMETER, OPENINGS, @ MECH. @ Elec. PENETRATIONS. - SEE SPEC'S.
2	Gypsum Veneer Base, Veneer Plaster, Metal Studs One layer 1/2" Type X gypsum veneer base applied parallel or at right angles to each side of 2 1/2" metal studs @ 16" o.c. with 1" Type S drywall screws @ 8" o.c. to edges or ends and 12" o.c. to intermediate studs. Omit screws in top and bottom runners. Stagger joints @ 24" o.c. each side. 1/2" gypsum veneer plaster applied over both sides. Sound tested with 5" glass fiber in stud space and with studs 16" o.c. (N.B.) - @ 16" o.c. EXCEPT: 3 1/4" x 16" GA. STUDS @ 5 1/2" GYP. VEN. BASE. - @ CLORS @ GLASS BLOCK WALL ONLY
3	VEN. PLAS. ON MTL. STUDS WALL, CEILING, OR FLOOR
4	5/8" GYP. VEN. BASE W/ VAPOR BAR. 3/8" x 2 1/2" GA. MTL. STUDS BRACED AT MIDPOINT R-11 BATT INSULATION ON EXISTING CONC. OR EXISTING CMU OR NEW CMU. - (UNBRACED HEIGHT - 8'-0" MAX.)
5	5/8" GYP. VEN. BASE W/ VAPOR BAR. 3/8" x 2 1/2" GA. MTL. STUDS BRACED AT MIDPOINT R-11 BATT INSULATION ON EXISTING CONC. OR EXISTING CMU OR NEW CMU. - (UNBRACED HEIGHT - 8'-0" MAX.)
6	6" CMU GROUT SOLID - SEE 10
7	6" CMU GROUT SOLID - SEE 10
8	6" CMU GROUT SOLID - SEE 10
9	6" CMU GROUT SOLID - SEE 10
10	6" CMU GROUT SOLID - SEE 10
11	6" CMU GROUT SOLID - SEE 10
12	6" CMU GROUT SOLID - SEE 10
13	6" CMU GROUT SOLID - SEE 10
14	6" CMU GROUT SOLID - SEE 10
15	6" CMU GROUT SOLID - SEE 10
16	6" CMU GROUT SOLID - SEE 10
17	6" CMU GROUT SOLID - SEE 10
18	6" CMU GROUT SOLID - SEE 10
19	6" CMU GROUT SOLID - SEE 10
20	6" CMU GROUT SOLID - SEE 10
21	6" CMU GROUT SOLID - SEE 10
22	6" CMU GROUT SOLID - SEE 10
23	6" CMU GROUT SOLID - SEE 10
24	6" CMU GROUT SOLID - SEE 10
25	6" CMU GROUT SOLID - SEE 10
26	6" CMU GROUT SOLID - SEE 10
27	6" CMU GROUT SOLID - SEE 10
28	6" CMU GROUT SOLID - SEE 10
29	6" CMU GROUT SOLID - SEE 10
30	6" CMU GROUT SOLID - SEE 10
31	6" CMU GROUT SOLID - SEE 10
32	6" CMU GROUT SOLID - SEE 10

NO.	DESCRIPTION
1	EXISTING TO REMAIN
2	EXISTING TO BE REMOVED
3	NEW CMU REFER TO SCHEDULE
4	NEW MTL. STUD REFER TO SCHEDULE

NO.	DESCRIPTION
1	EXISTING TO REMAIN
2	EXISTING TO BE REMOVED
3	NEW CMU REFER TO SCHEDULE
4	NEW MTL. STUD REFER TO SCHEDULE

NO.	DESCRIPTION
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1	EXISTING TO REMAIN
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1	EXISTING TO REMAIN
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NO.	DESCRIPTION
1	EXISTING TO REMAIN
2	EXISTING TO BE REMOVED
3	NEW CMU REFER TO SCHEDULE
4	NEW MTL. STUD REFER TO SCHEDULE

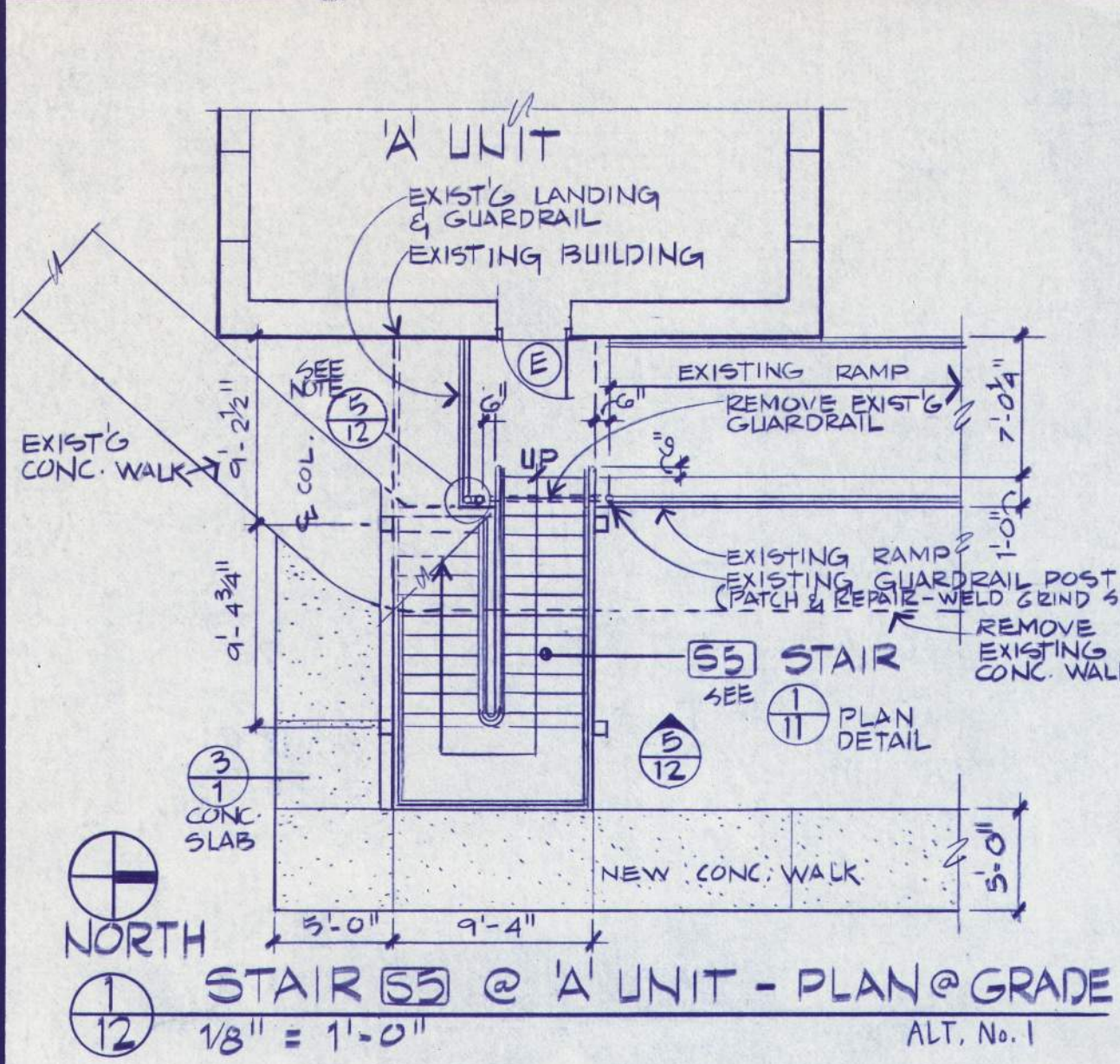
NO.	DESCRIPTION
1	EXISTING TO REMAIN
2	EXISTING TO BE REMOVED
3	NEW CMU REFER TO SCHEDULE
4	NEW MTL. STUD REFER TO SCHEDULE

NO.	DESCRIPTION
1	EXISTING TO REMAIN
2	EXISTING TO BE REMOVED
3	NEW CMU REFER TO SCHEDULE
4	NEW MTL. STUD REFER TO SCHEDULE

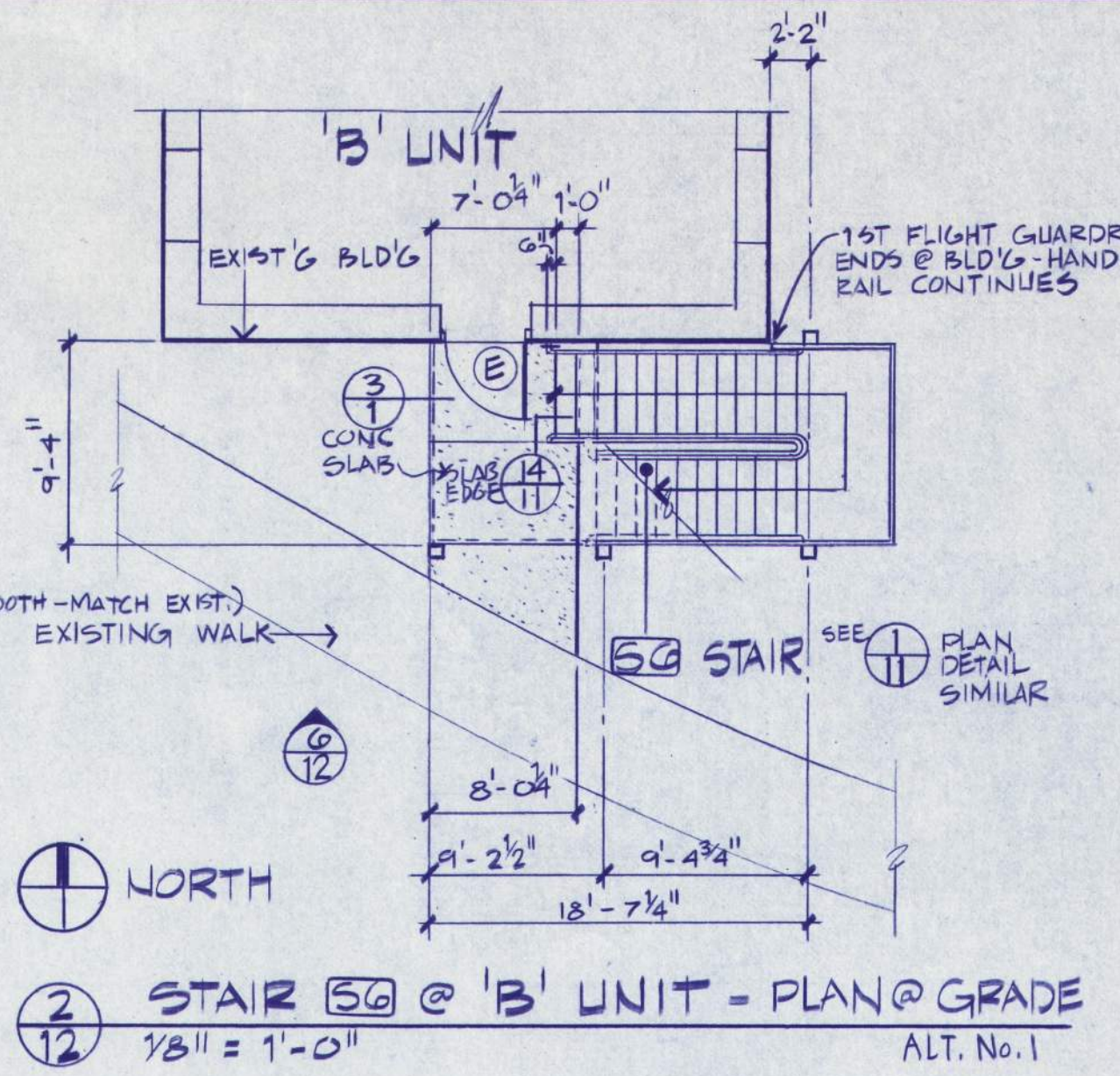
NO.	DESCRIPTION
1	EXISTING TO REMAIN
2	EXISTING TO BE REMOVED
3	NEW CMU REFER TO SCHEDULE
4	NEW MTL. STUD REFER TO SCHEDULE

NO.	DESCRIPTION
1	EXISTING TO REMAIN
2	EXISTING TO BE REMOVED
3	NEW CMU REFER TO SCHEDULE
4	NEW MTL. STUD REFER TO SCHEDULE

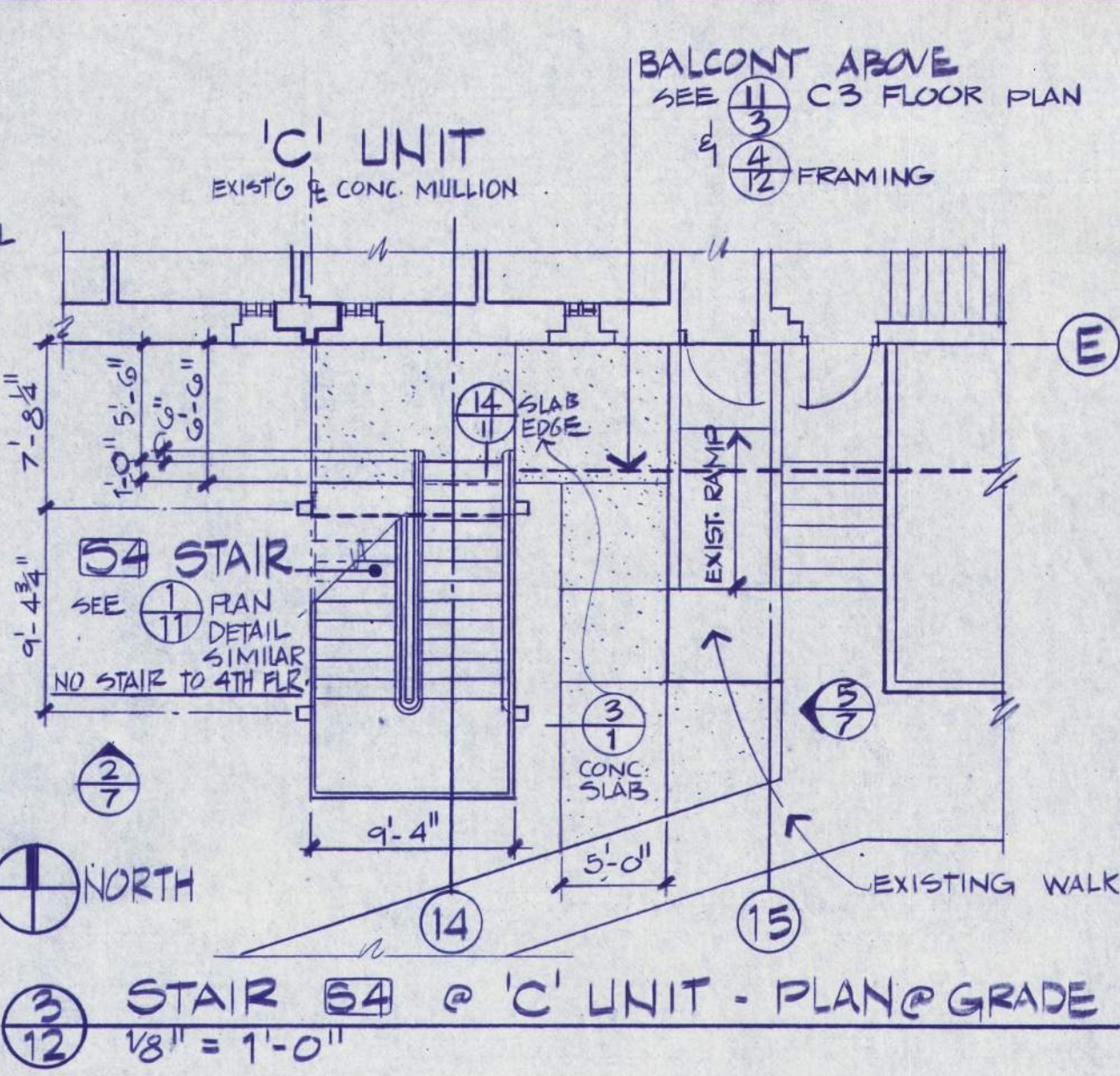
NO.	DESCRIPTION
1	EXISTING TO REMAIN
2	EXISTING TO BE REMOVED
3	NEW CMU REFER TO SCHEDULE
4	NEW MTL. STUD REFER TO SCHEDULE



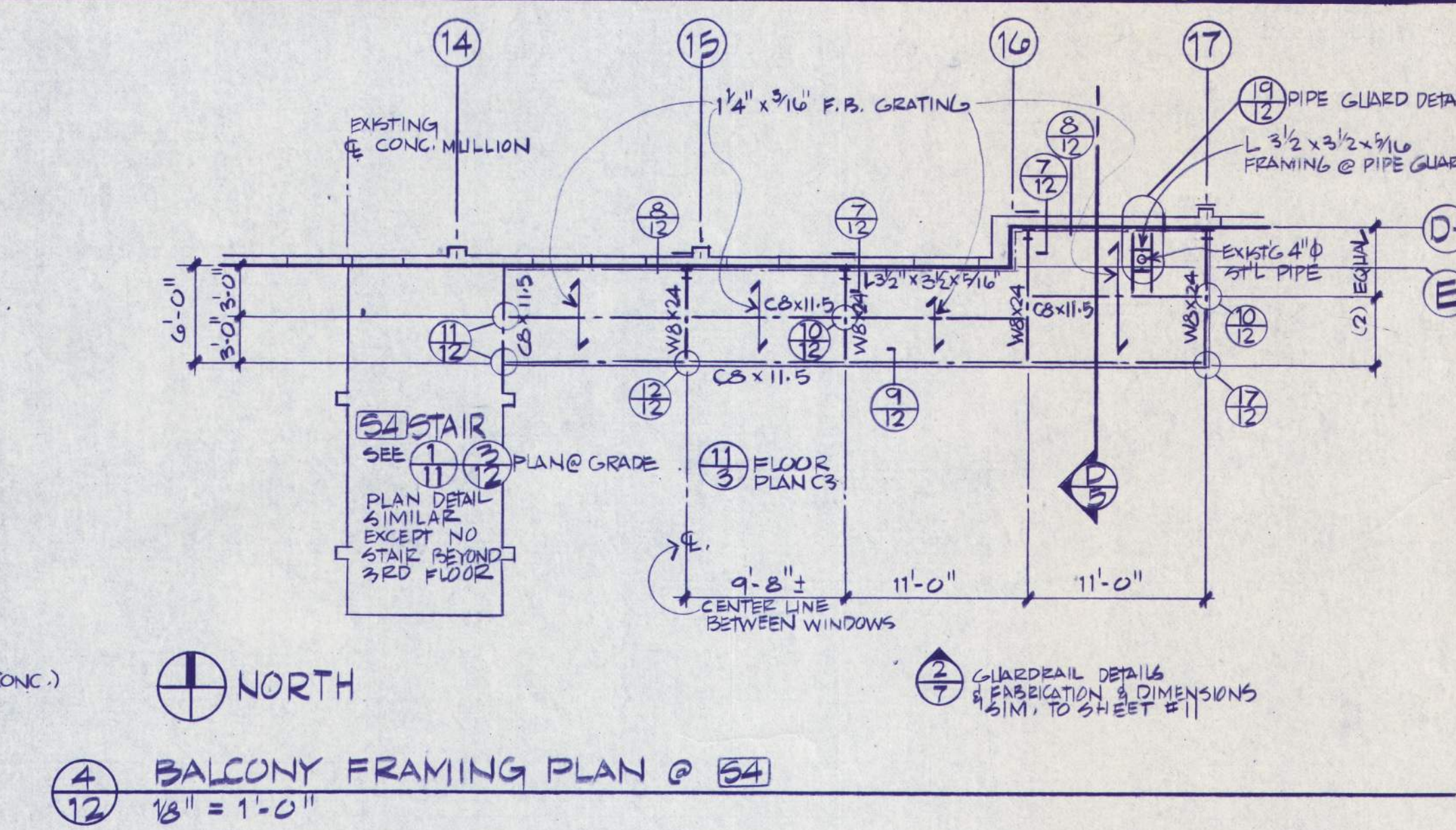
12 STAIR 55 @ 'A' UNIT - PLAN @ GRADE
1/8" = 1'-0" ALT. No. 1



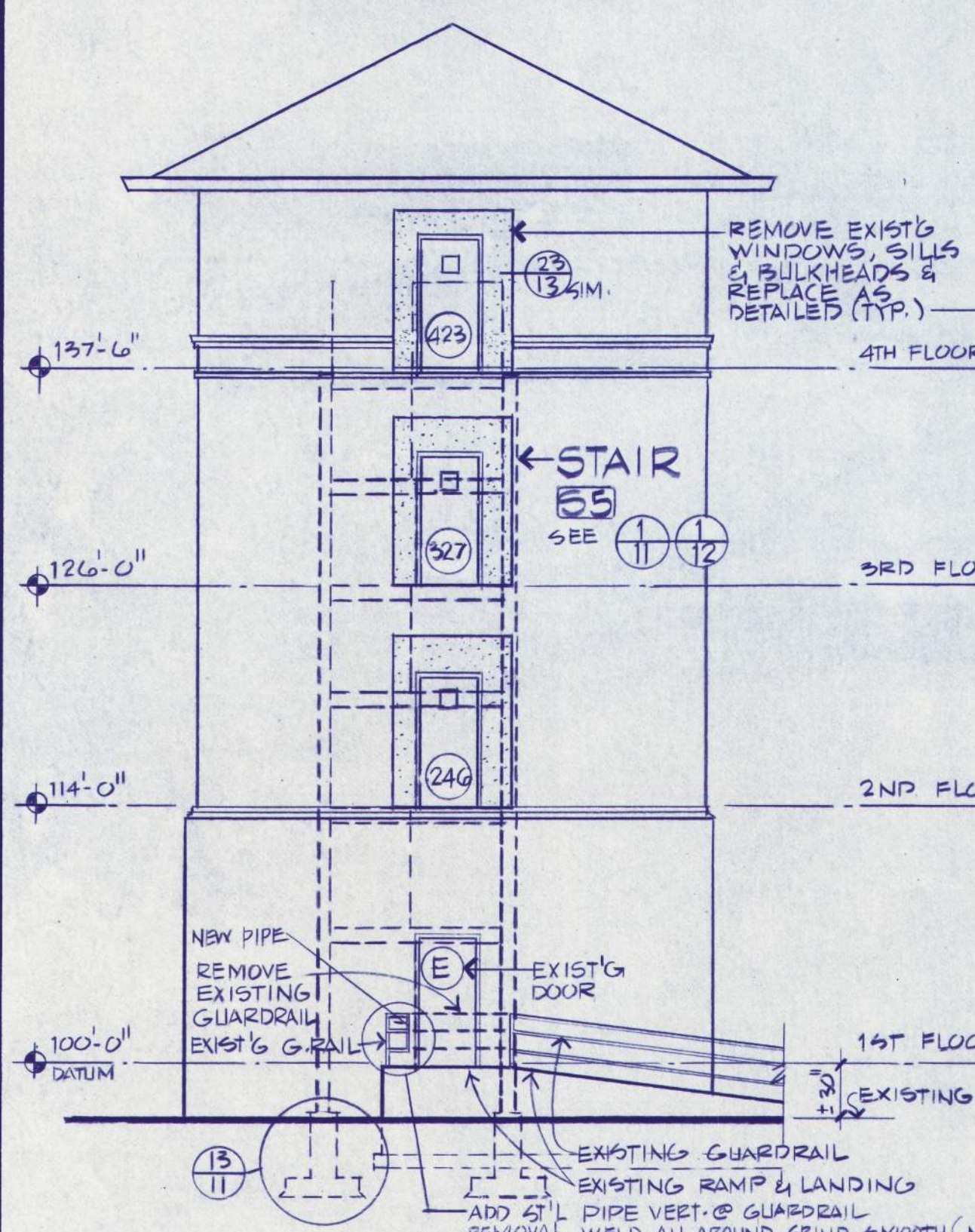
12 STAIR 56 @ 'B' UNIT - PLAN @ GRADE
1/8" = 1'-0" ALT. No. 1



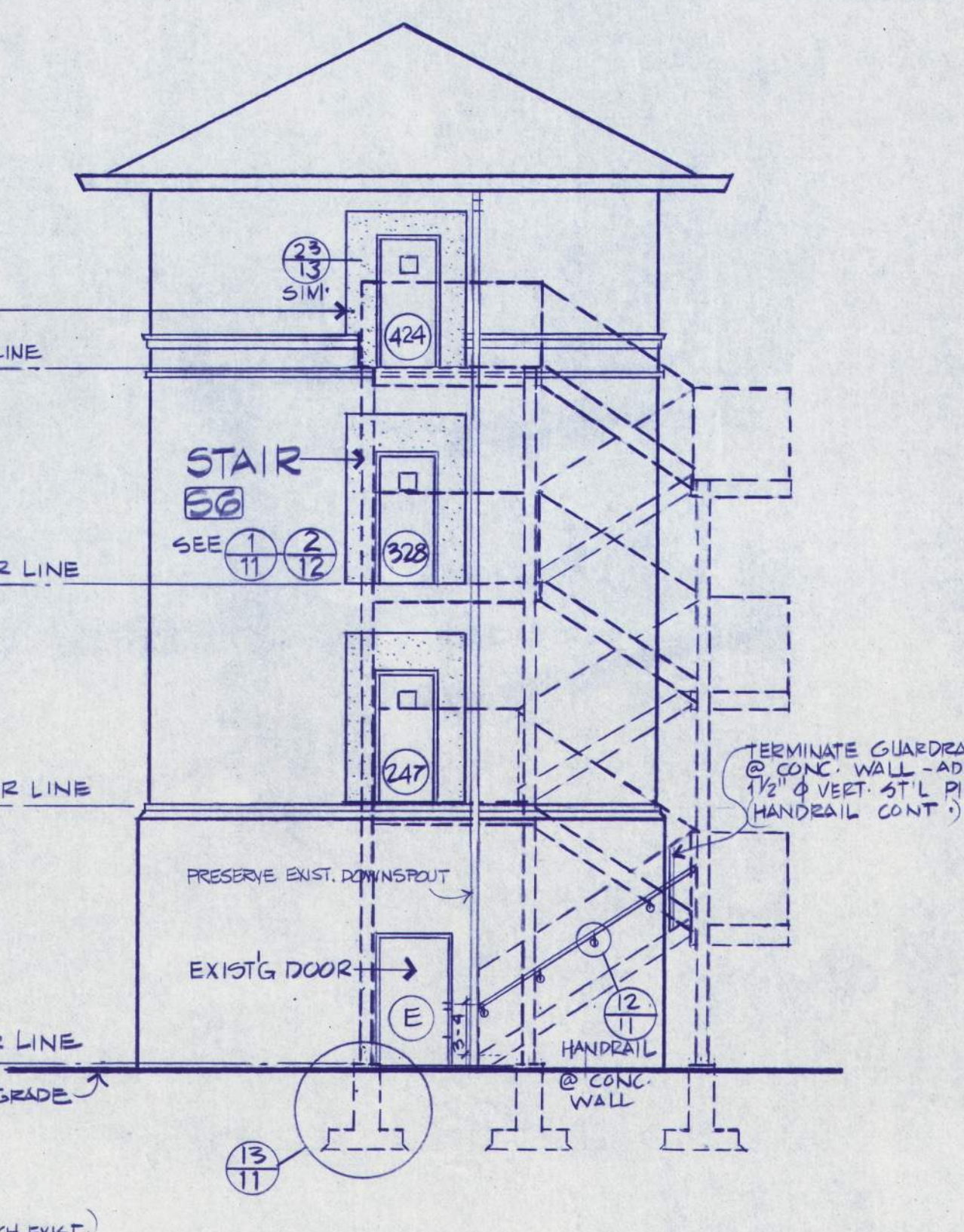
12 STAIR 54 @ 'C' UNIT - PLAN @ GRADE
1/8" = 1'-0"



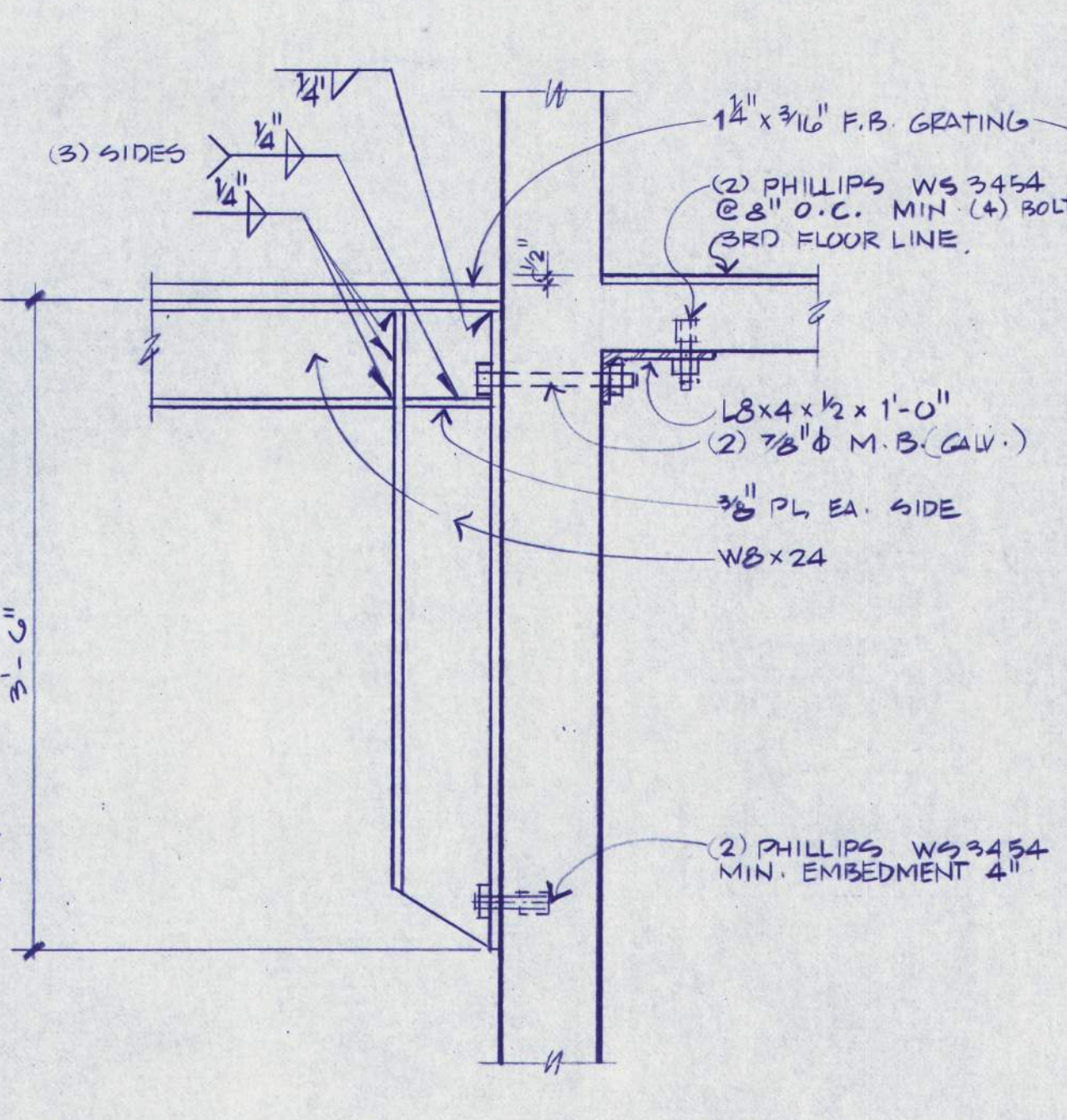
12 BALCONY FRAMING PLAN @ 54
1/8" = 1'-0"



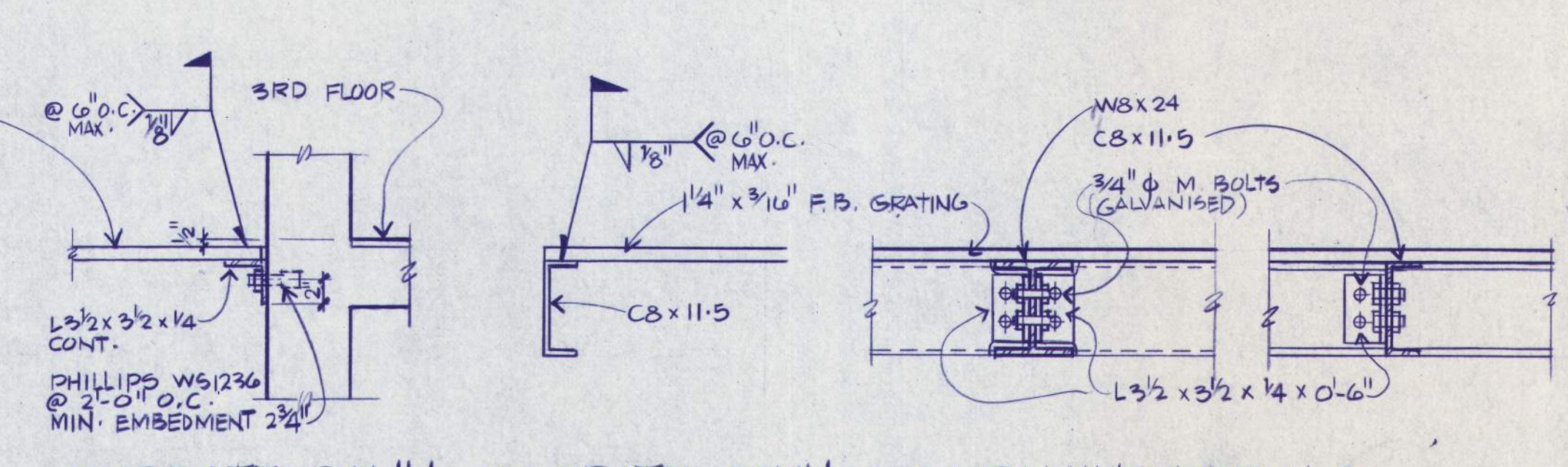
12 PARTIAL ELEVATION 'A' UNIT - EAST
1/8" = 1'-0" ALT. No. 1



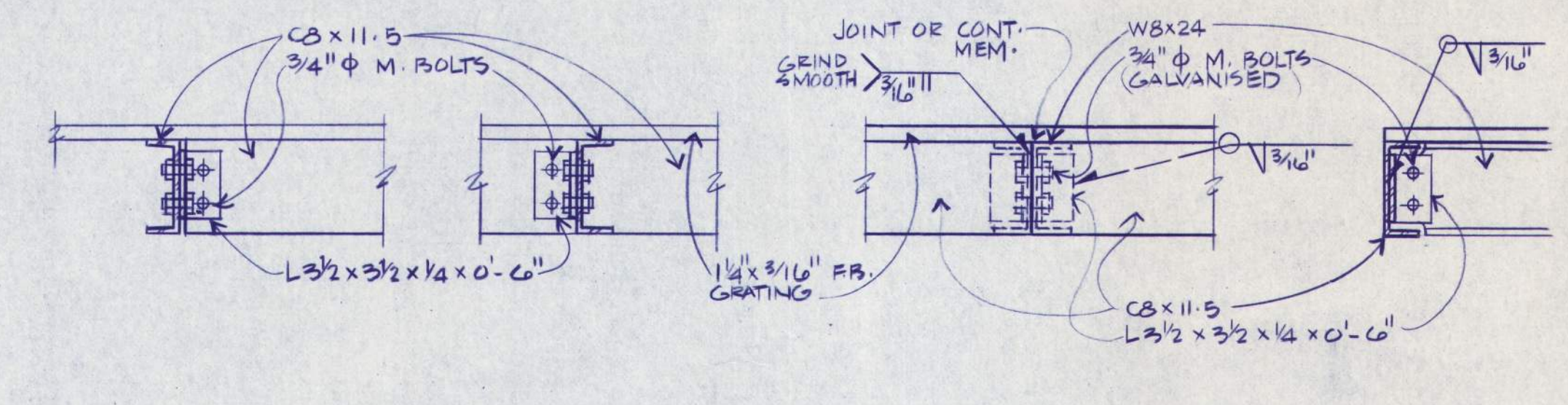
12 PARTIAL ELEVATION 'B' UNIT - SOUTH
1/8" = 1'-0" ALT. No. 1



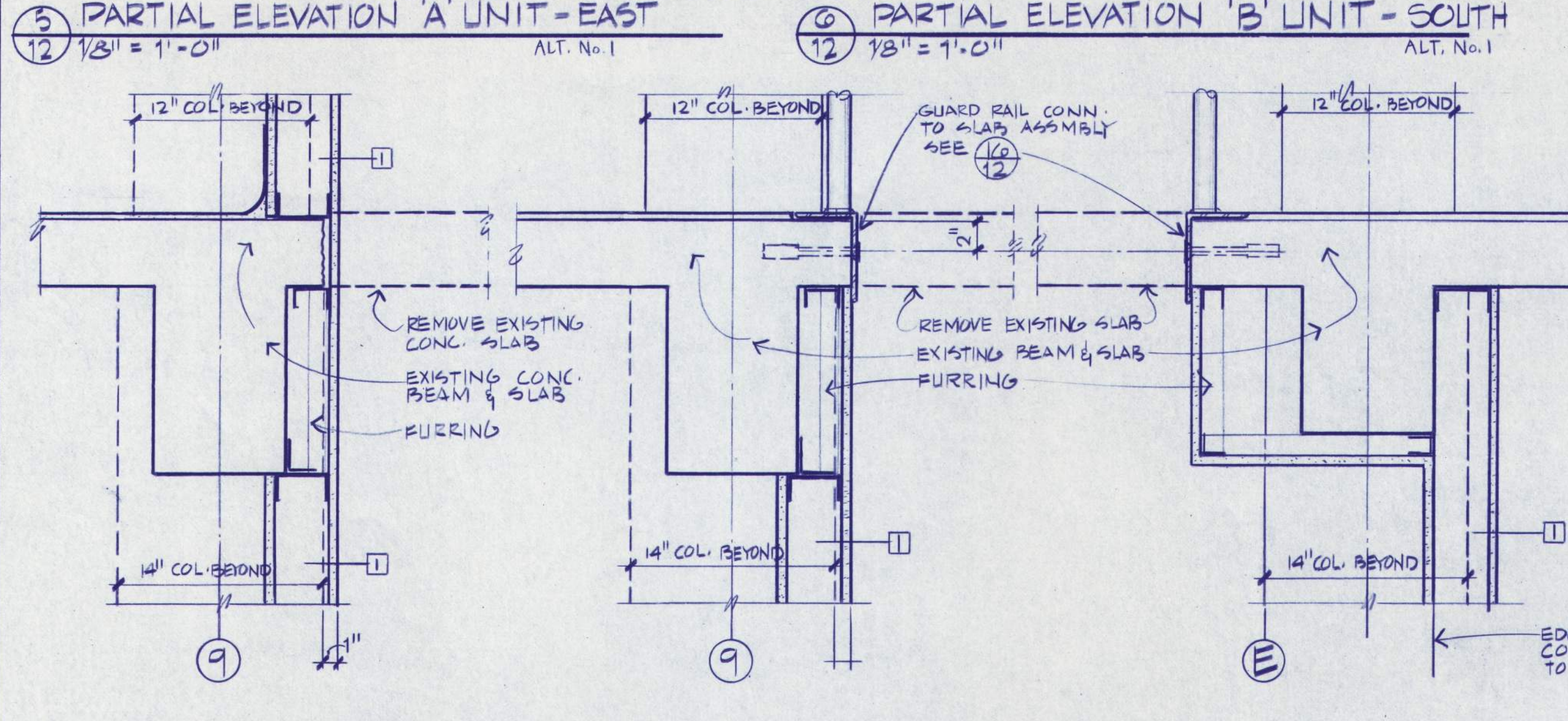
12 CANTILEVER BEAM-BRACKET
1" = 1'-0"



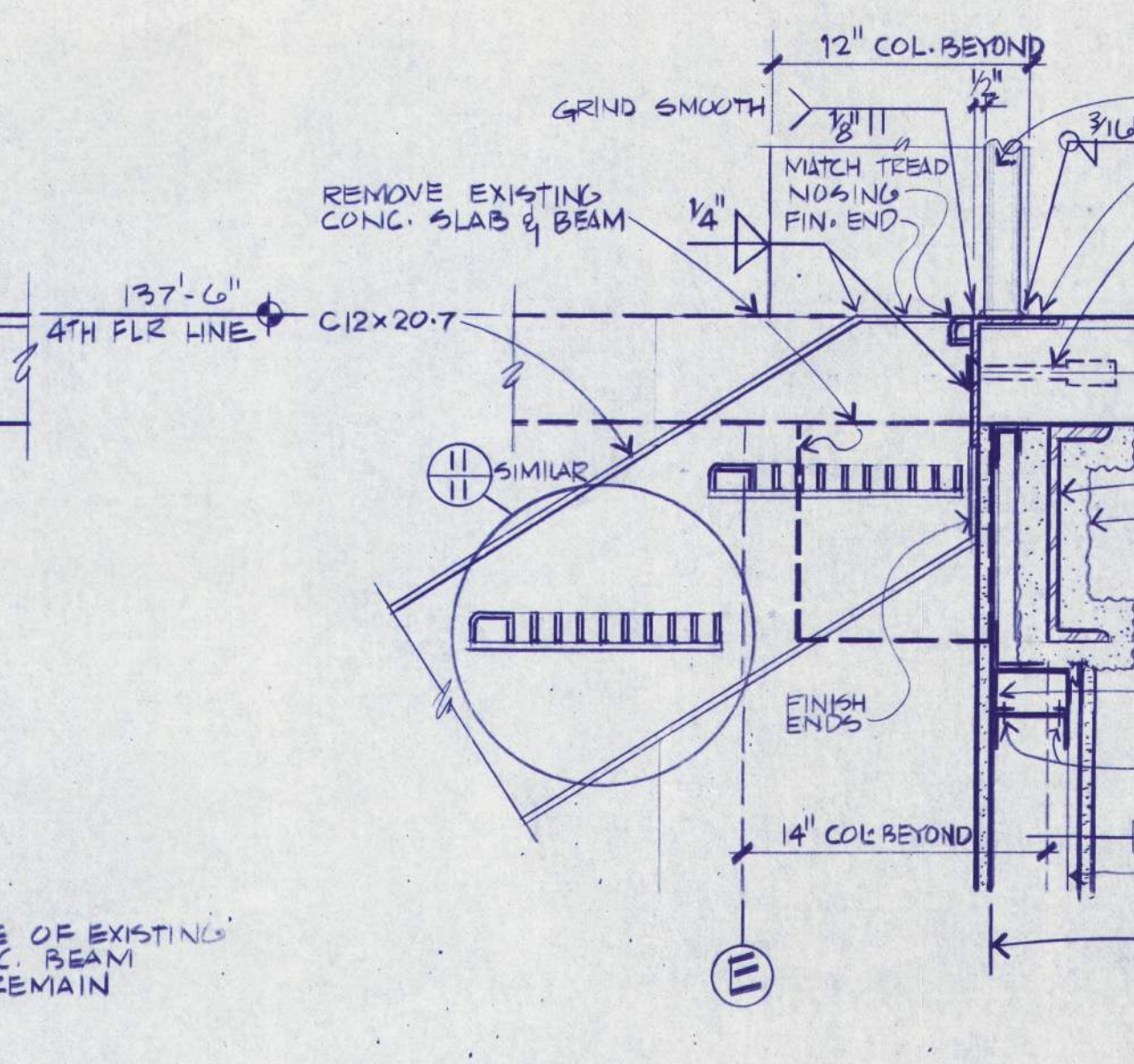
12 GRATE CONN. 1" = 1'-0"



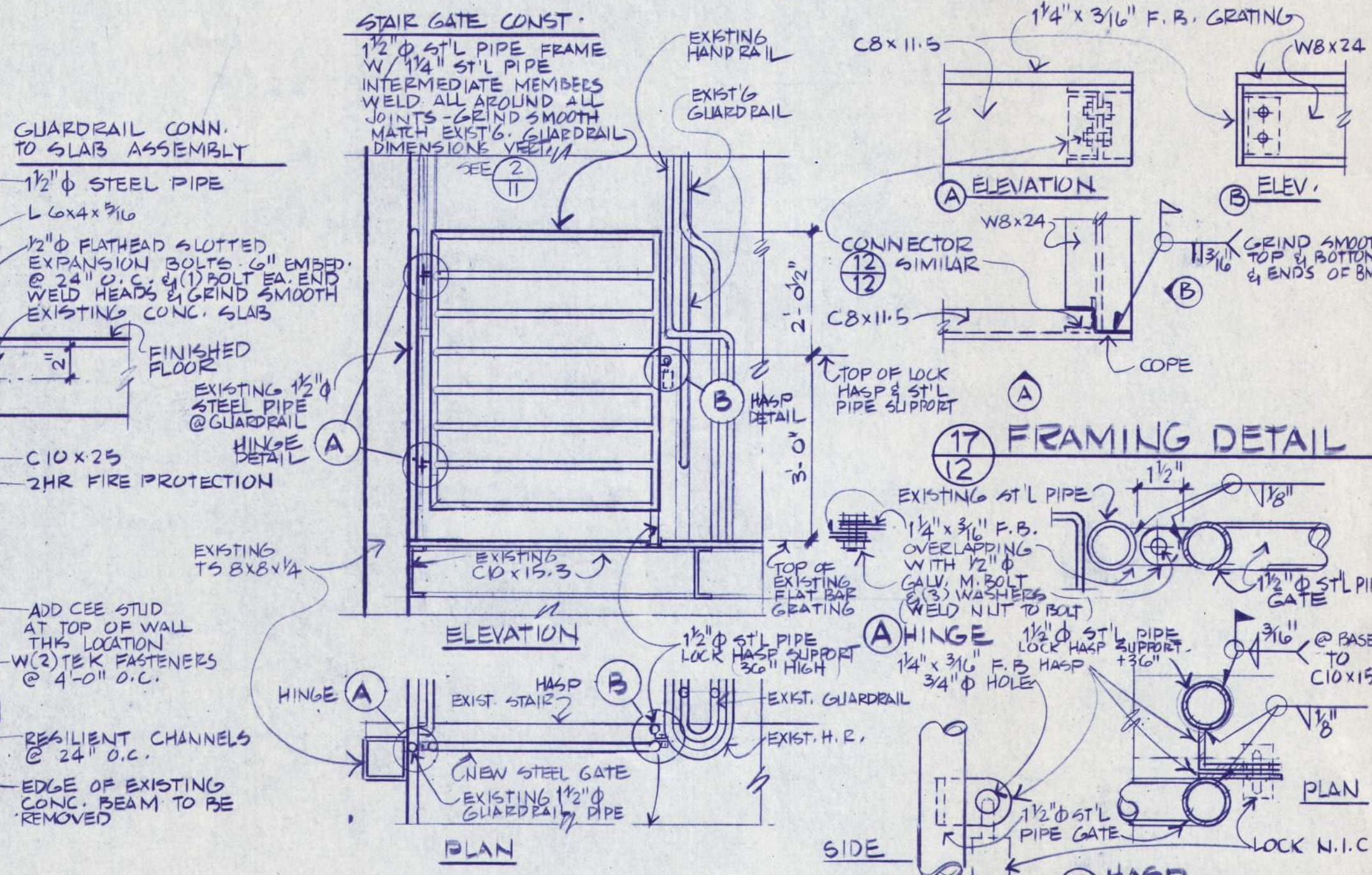
12 FRAMING DETAILS 1" = 1'-0"



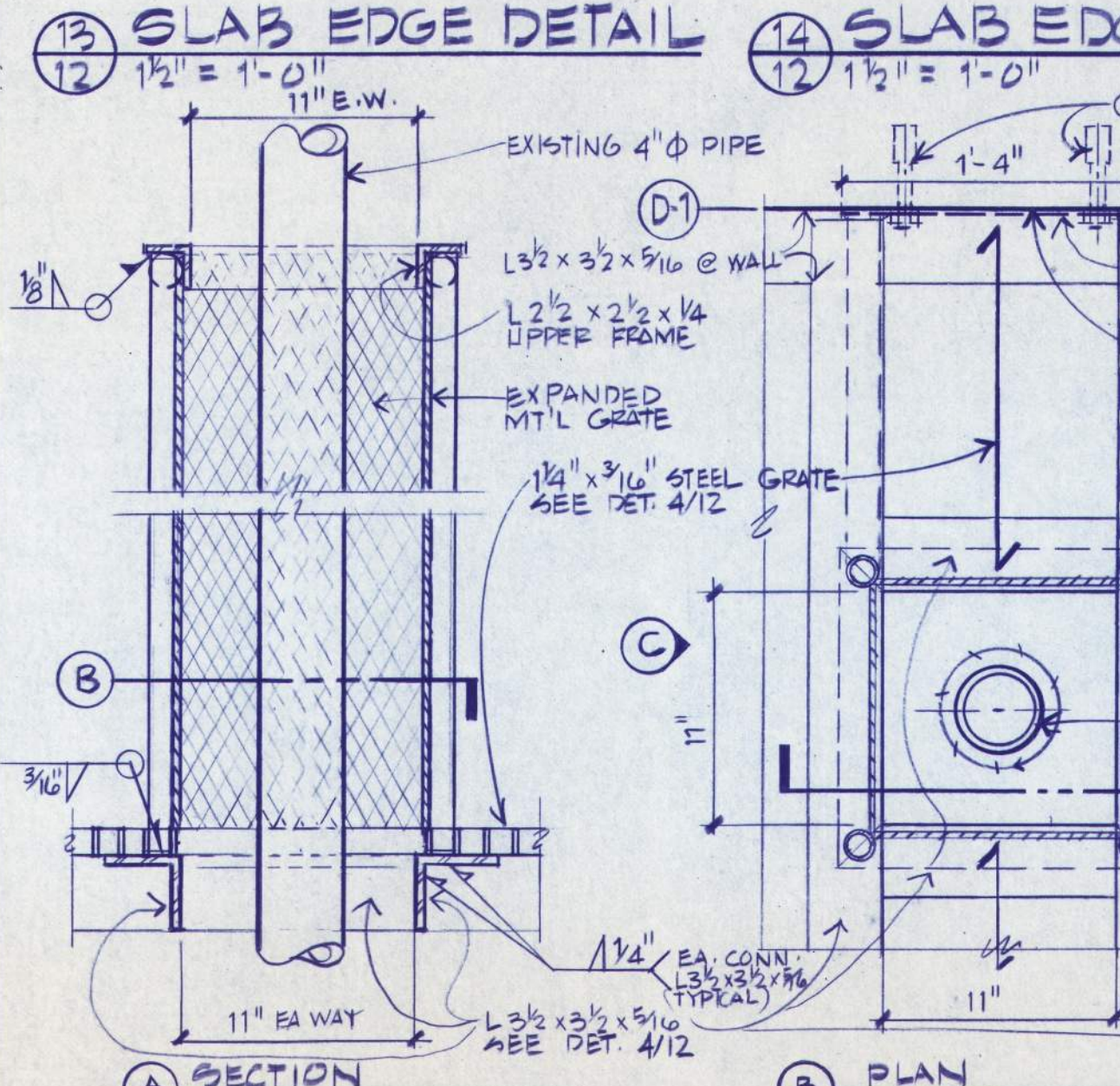
13 SLAB EDGE DETAIL 1 1/2" = 1'-0"



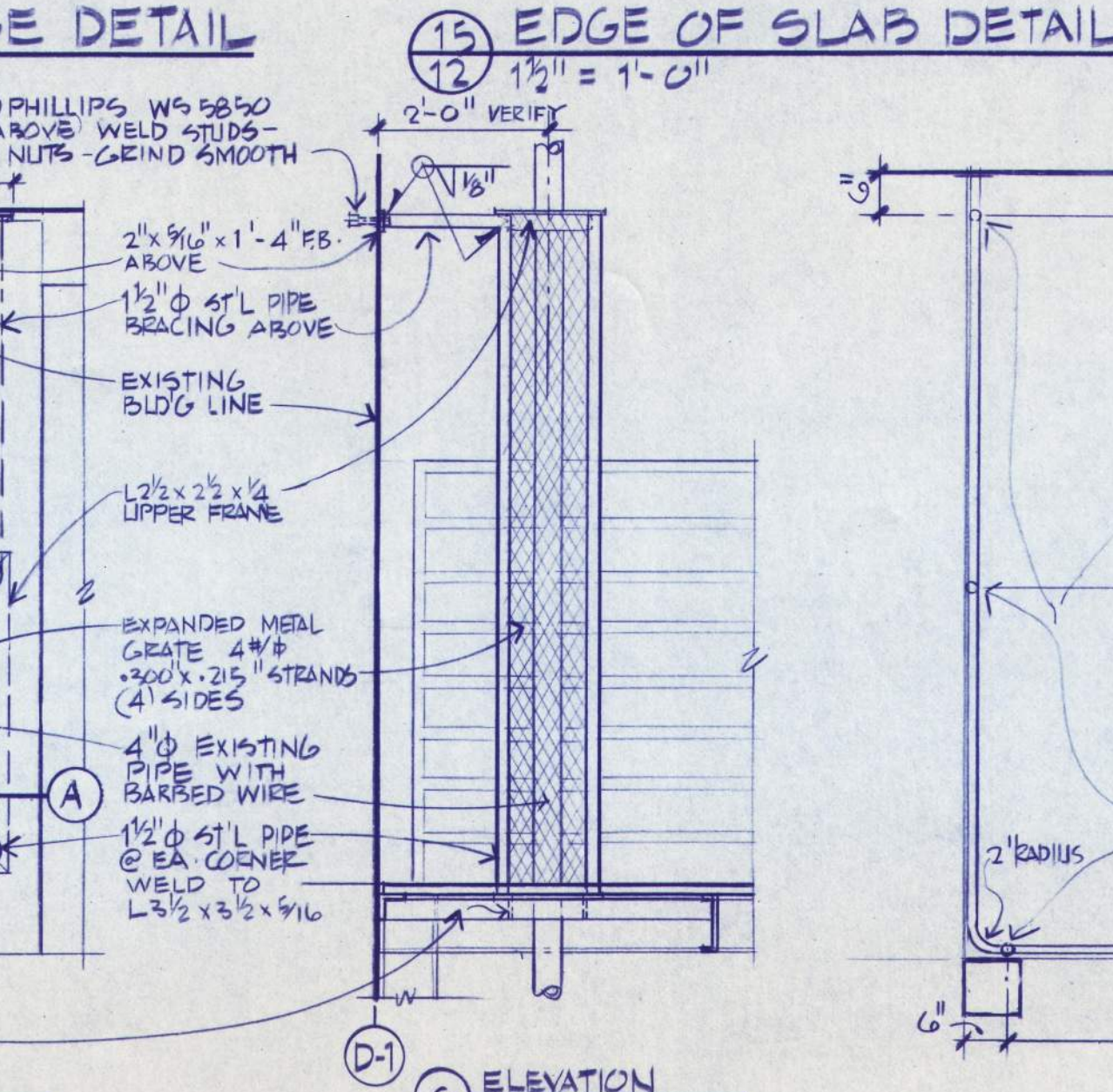
16 TOP OF STAIR DETAIL
1 1/2" = 1'-0"



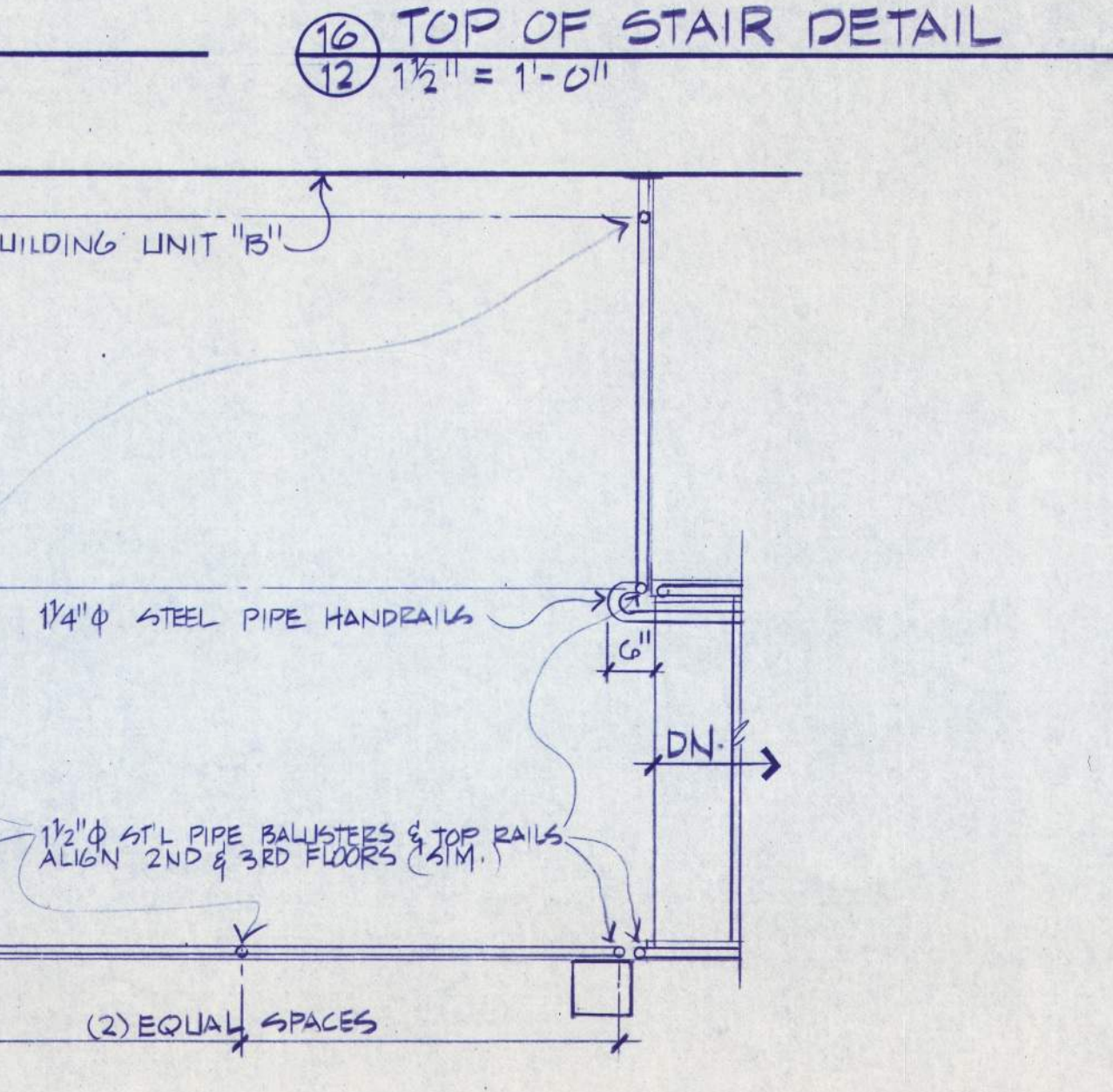
18 STAIR GATE
1 1/2" = 1'-0"



19 PIPE GUARD DETAIL
1 1/2" = 1'-0"



15 EDGE OF SLAB DETAIL
1 1/2" = 1'-0"



20 RAIL PLAN @ 'B' UNIT 4TH FLOOR LAND'G
1/2" = 1'-0"

ARCHITECT
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LANDSCAPE ARCHITECT
FRANK HONEY
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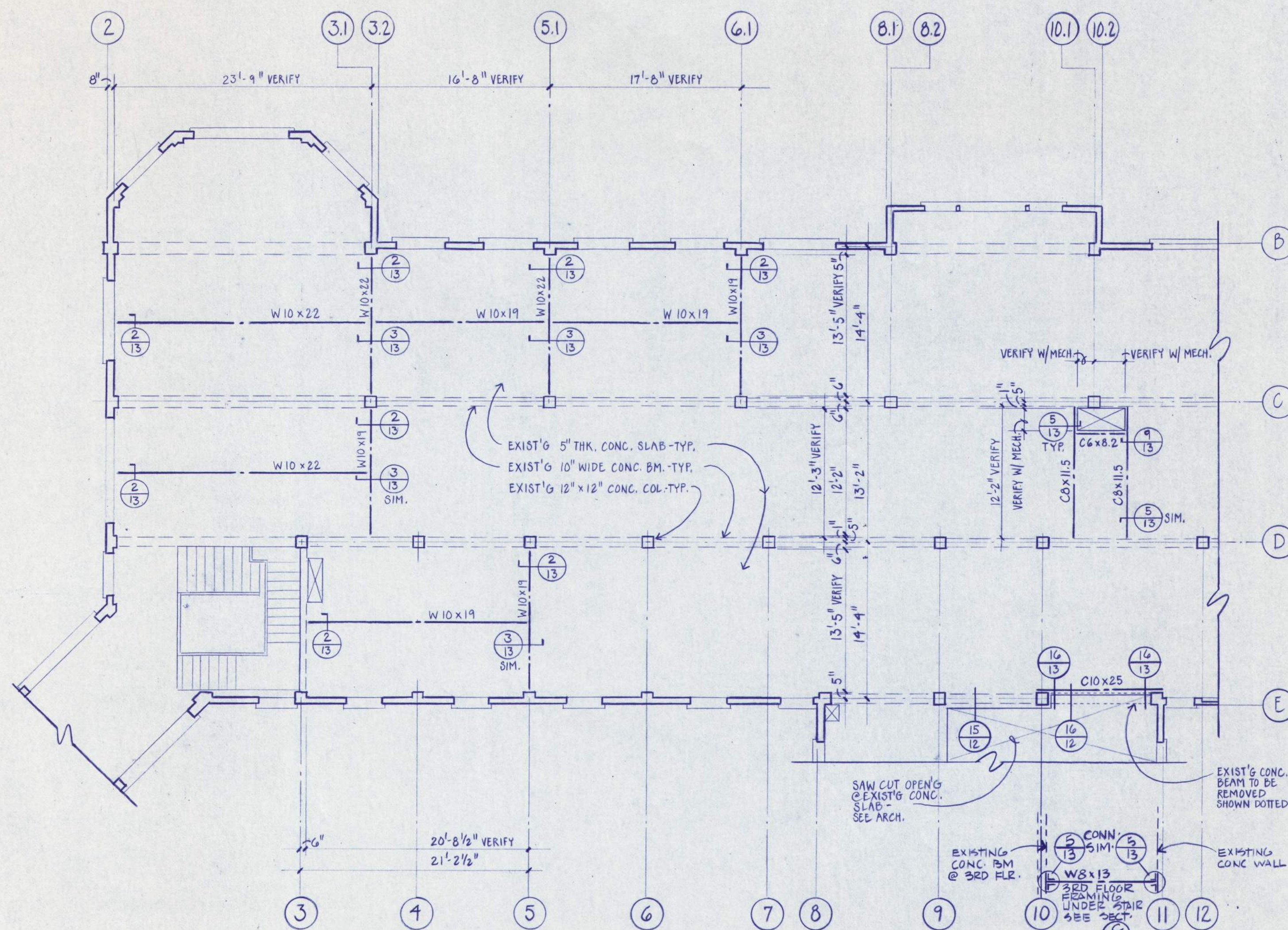
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PENDLETON, OREGON

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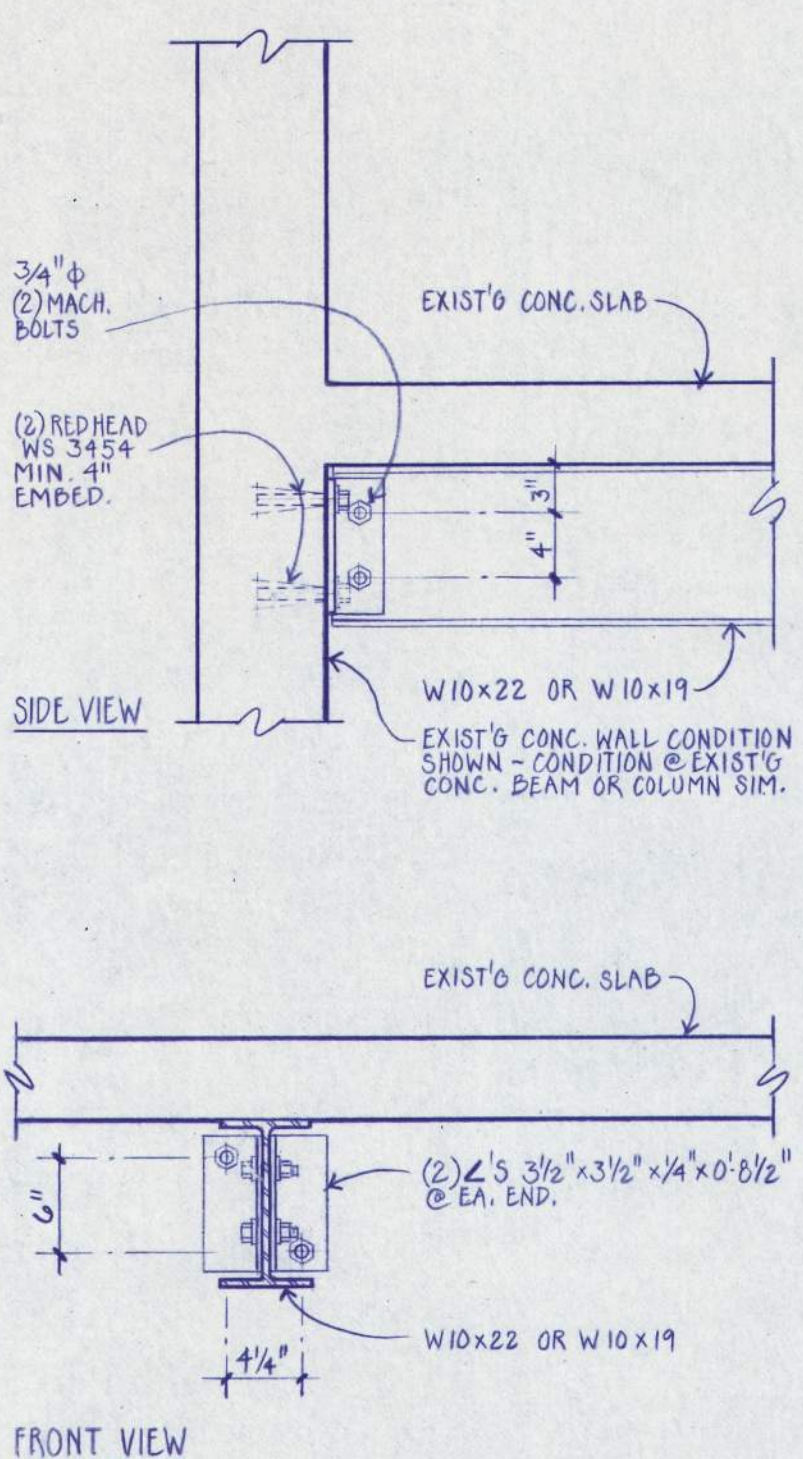
APPROVED	RSW
DRAWN	LW
DATE	21 AUG 90
JOB	801.11

19
STAIR ALT., DETAILS

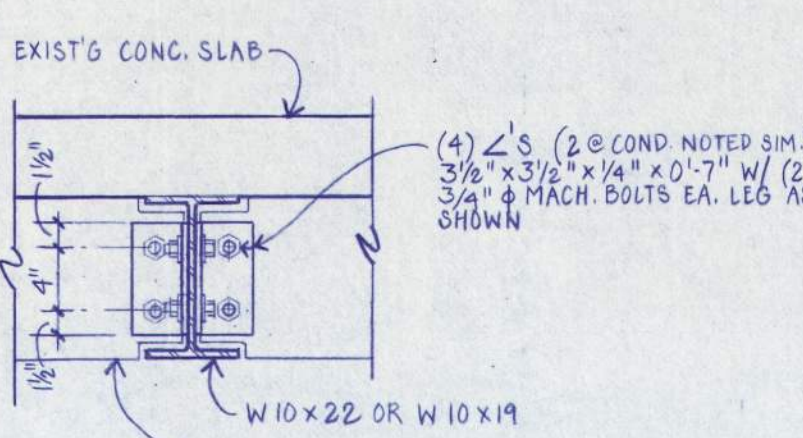


1 PARTIAL FLOOR FRAMING PLAN
1/8" = 1'-0"

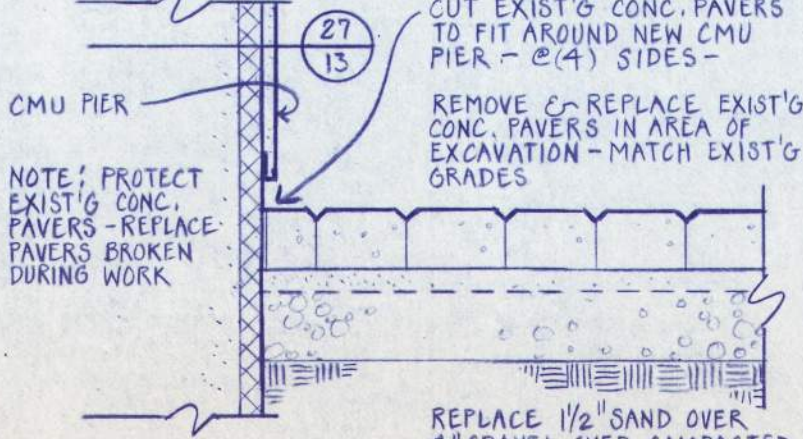
GENERAL NOTES
1. SEE SPEC'S FOR FIREPROOFING OF ALL NEW STRUCTURAL STEEL.
2. AT ANY GAPS BETWEEN NEW BEAMS AND EXIST'G CONC. FLOOR, FILL SOLID W/ NON SHRINK GROUT.



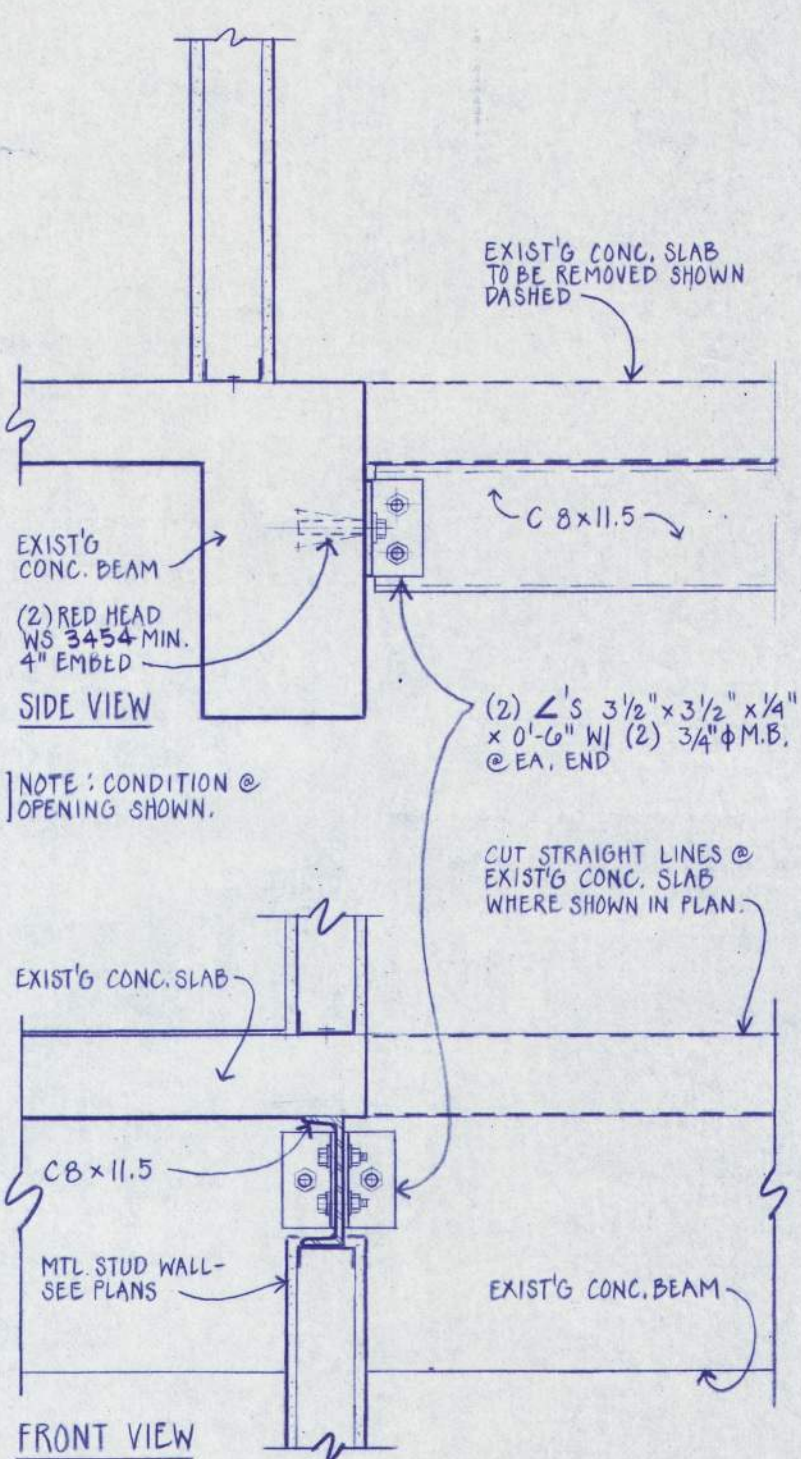
2 FRAMING CONN @ CONC.
1/8" = 1'-0"



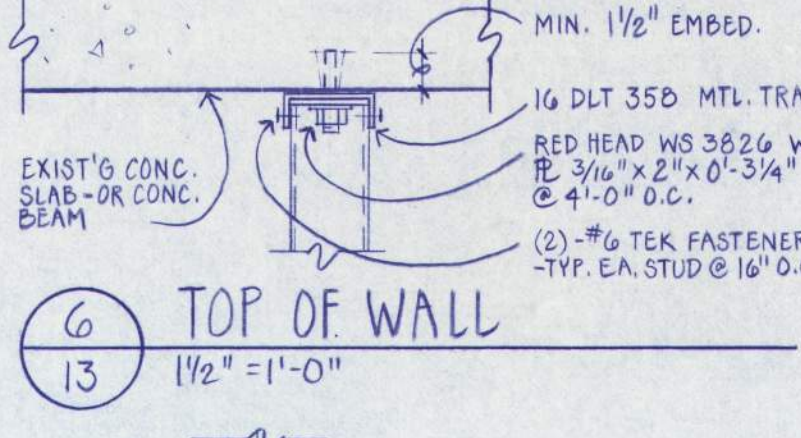
3 BEAM TO BEAM CONN.
1/8" = 1'-0"



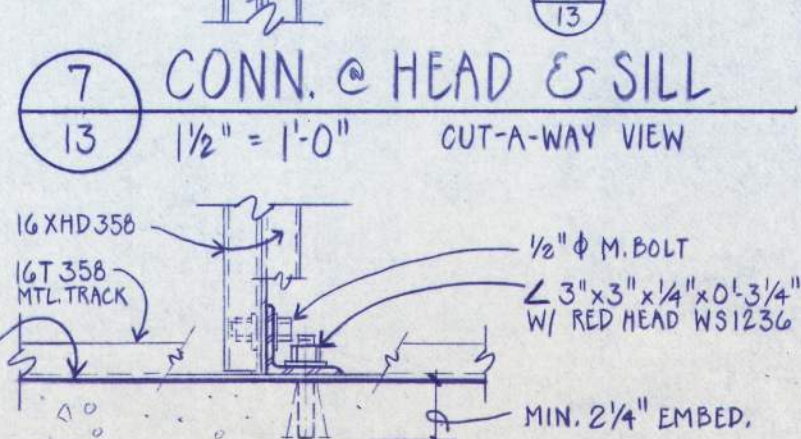
4 EXIST'G PAVERS @ CMU PIER
1/8" = 1'-0"



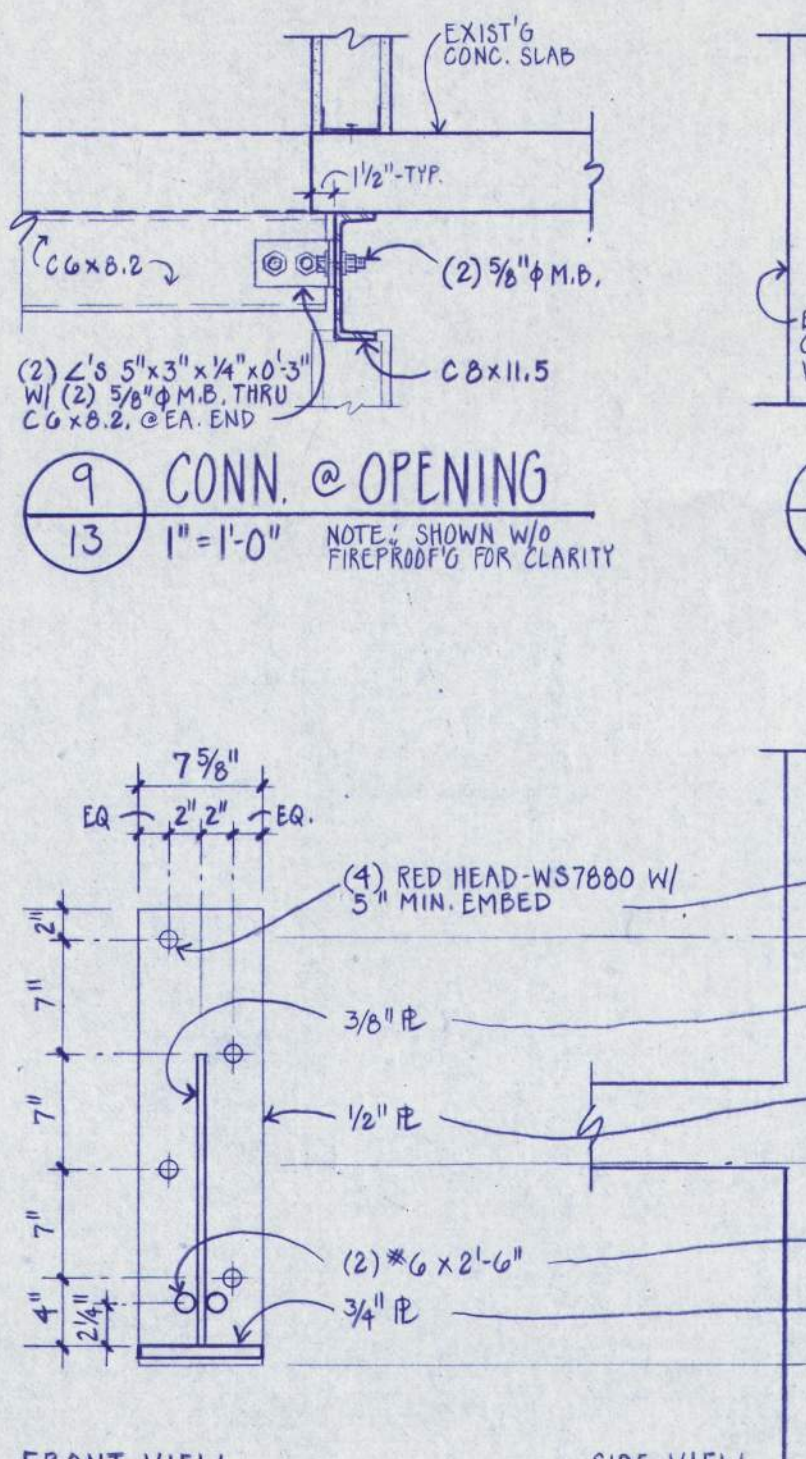
5 CONN. @ CUT OPENINGS
1/8" = 1'-0"



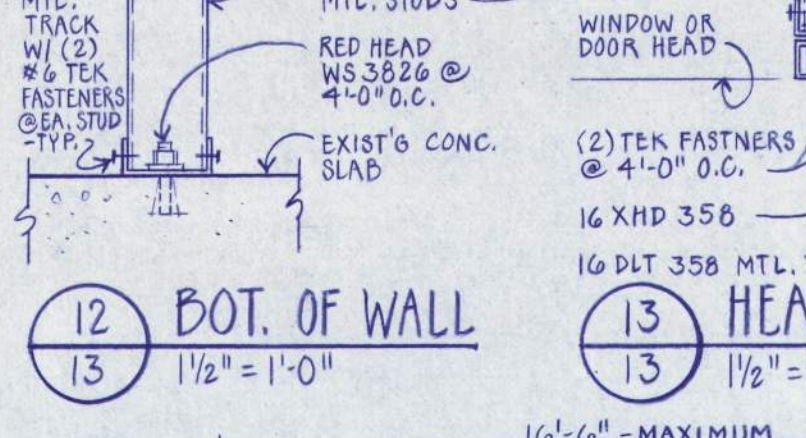
6 TOP OF WALL
1/2" = 1'-0"



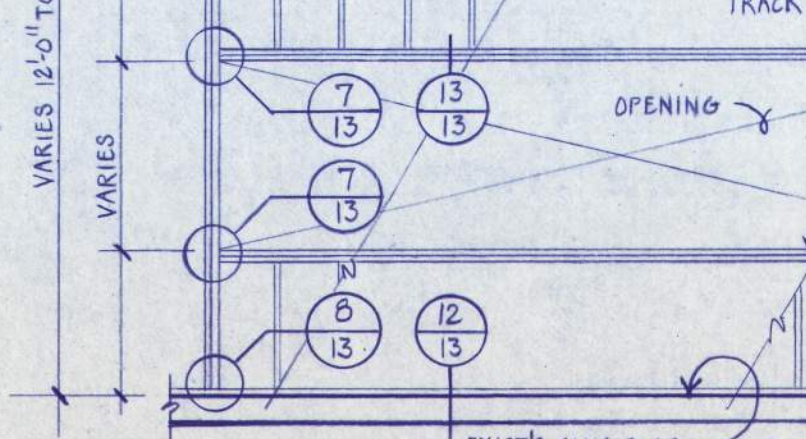
7 CONN. @ HEAD & SILL
1/2" = 1'-0"



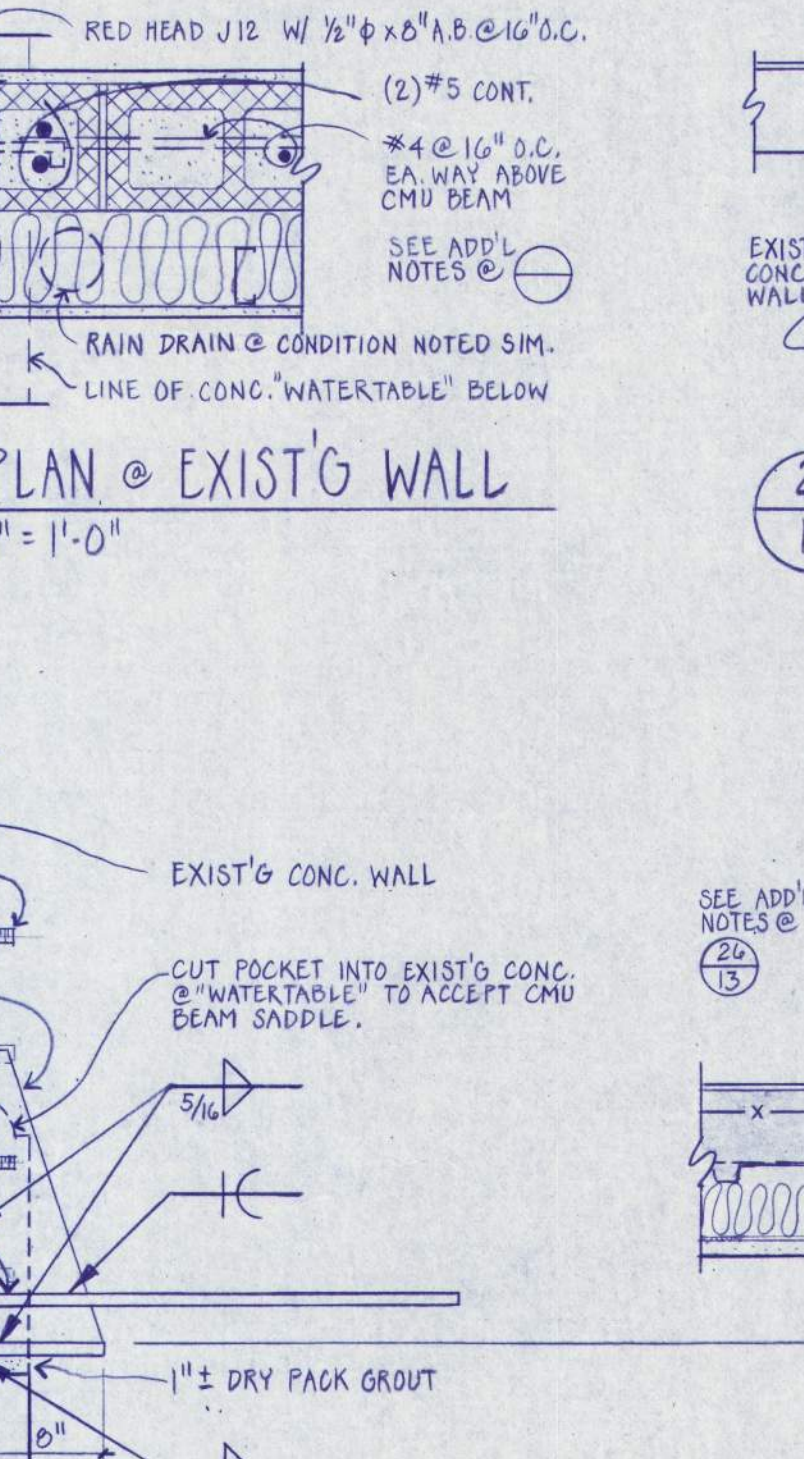
9 CONN. @ OPENING
1/8" = 1'-0"



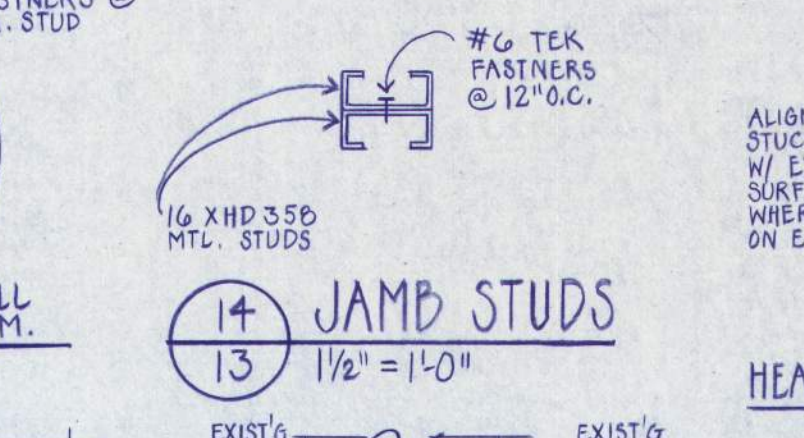
11 CMU BEAM SADDLE
1/8" = 1'-0"



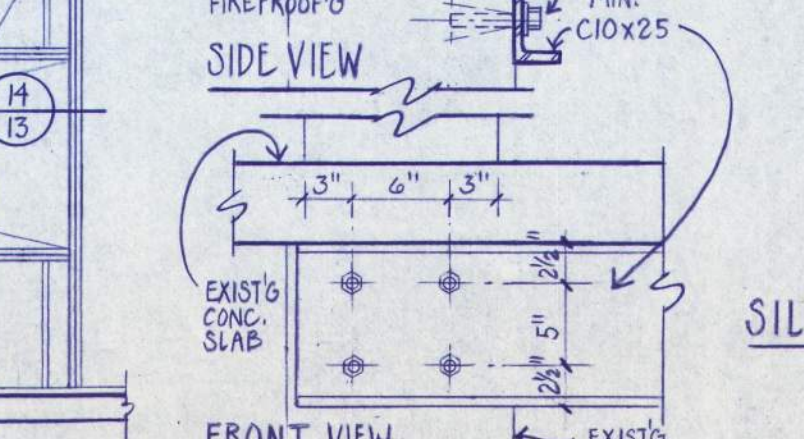
12 BOT. OF WALL
1/2" = 1'-0"



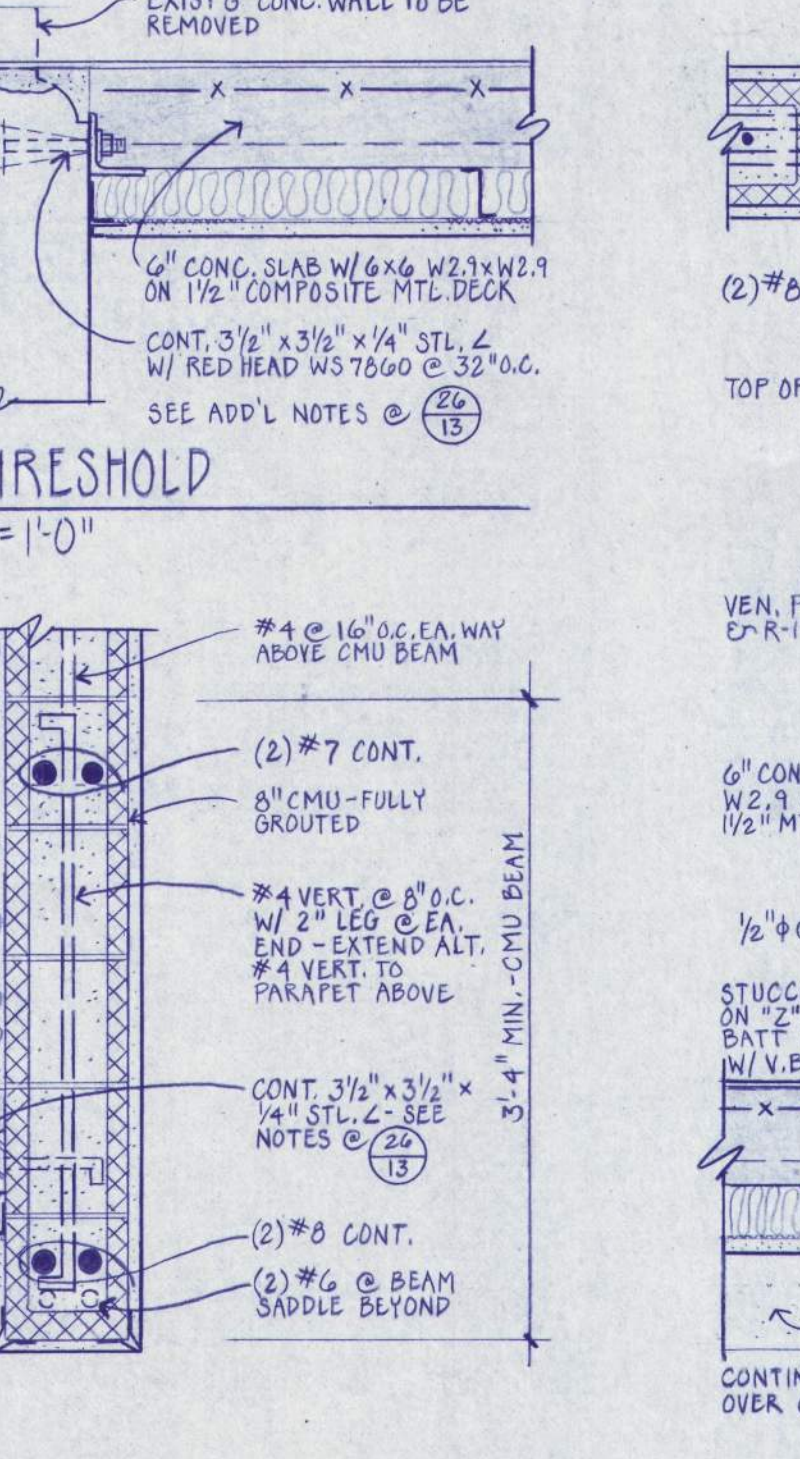
10 PLAN @ EXIST'G WALL
1/8" = 1'-0"



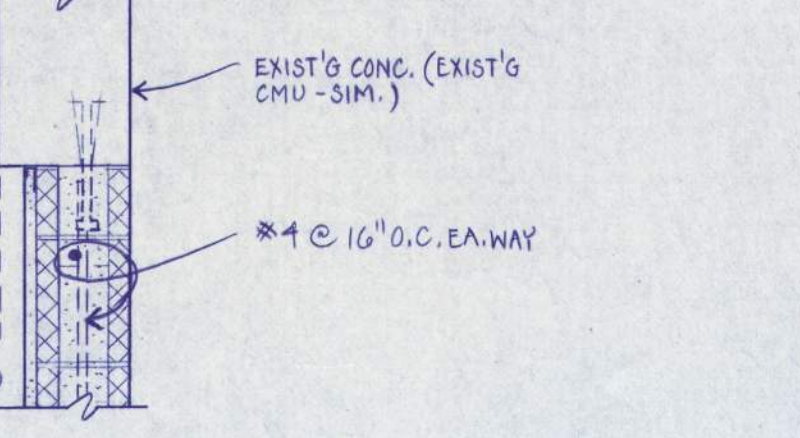
13 HEAD - SILL
1/2" = 1'-0"



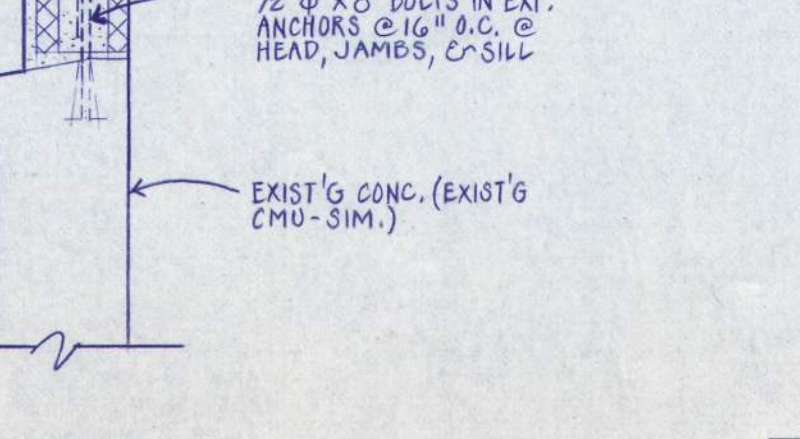
14 JAMB STUDS
1/2" = 1'-0"



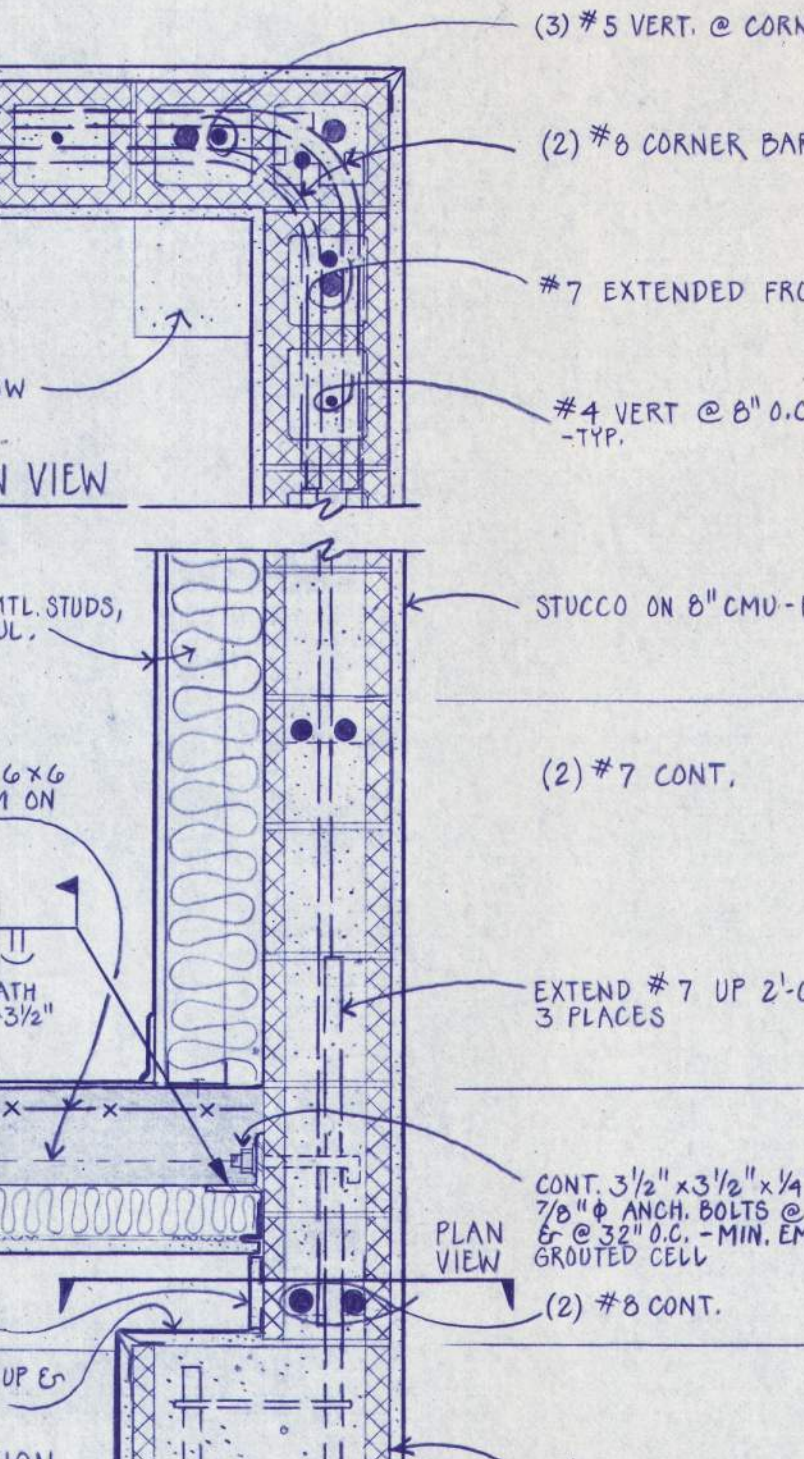
16 CMU WALL INTERIOR
1/8" = 1'-0"



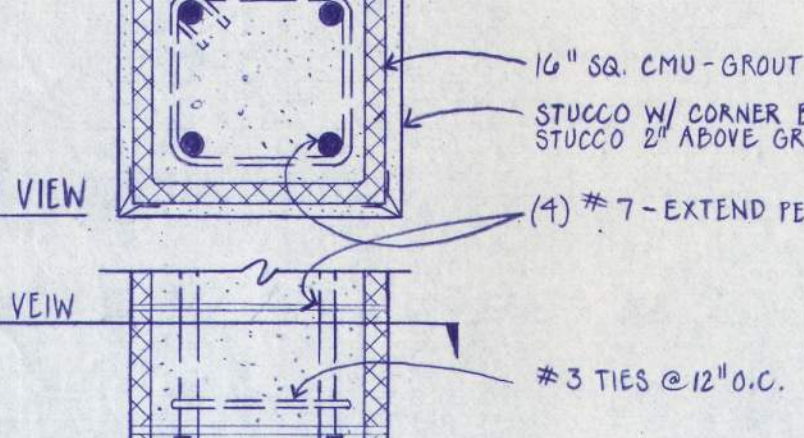
17 PARTIAL FRAMING PLAN
1/8" = 1'-0"



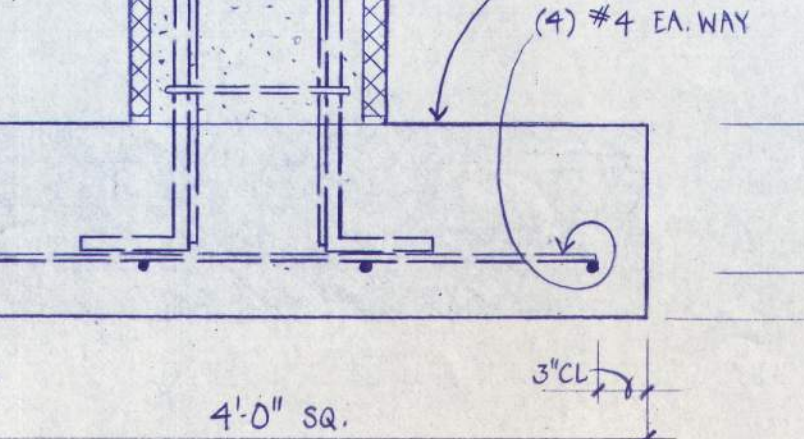
19 WALL MOLDING INFILL
1" = 1'-0"



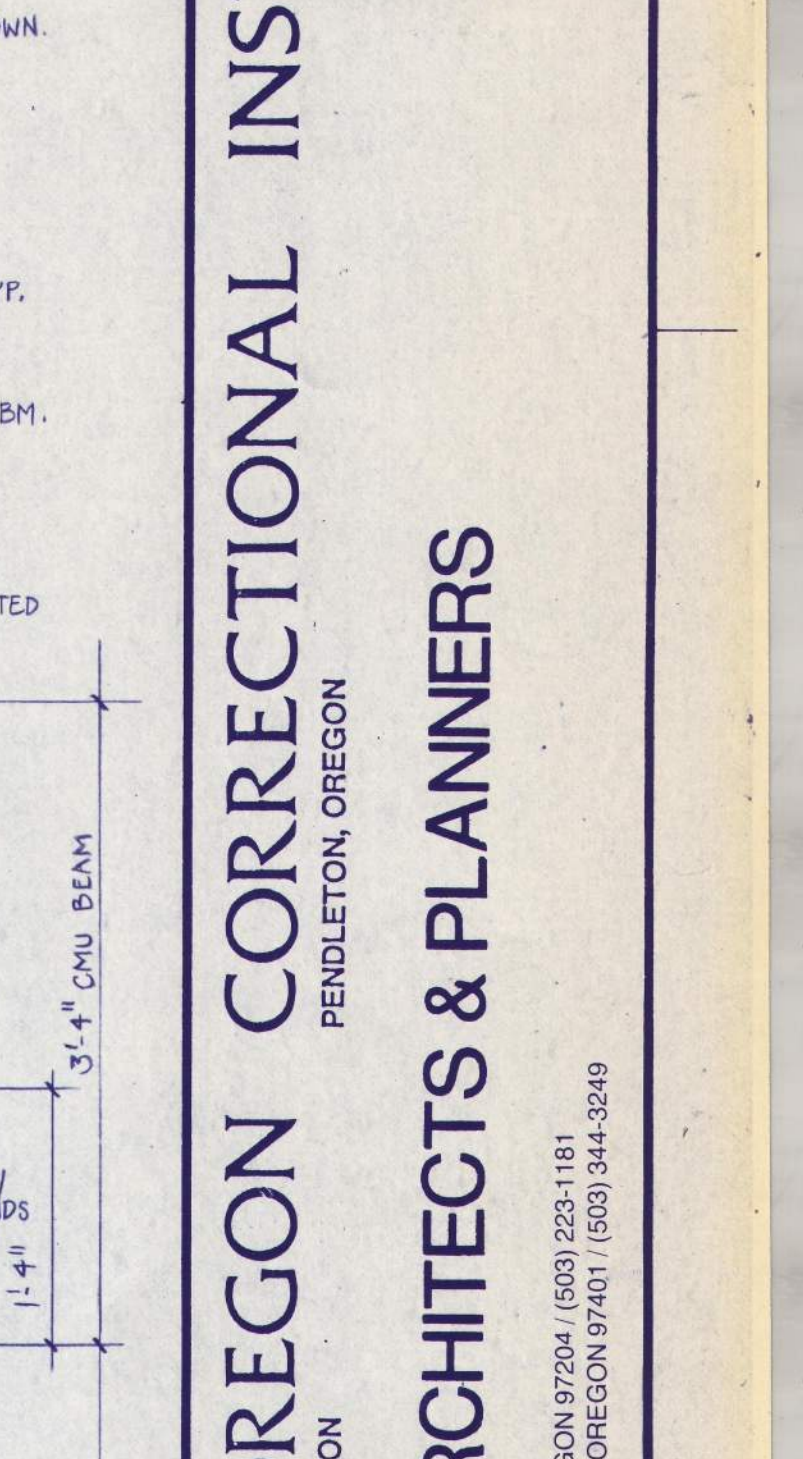
20 ROOF @ EXIST'G WALL
1" = 1'-0"



21 THRESHOLD
1" = 1'-0"



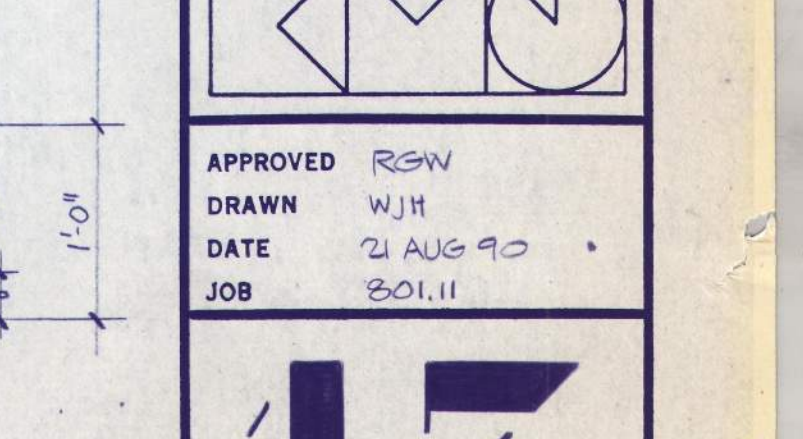
22 CMU BEAM
1/8" = 1'-0"



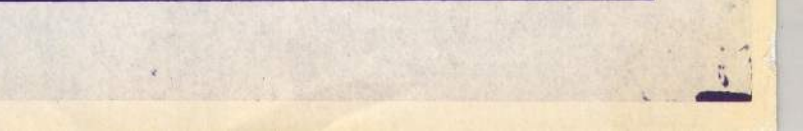
23 CMU INFILL
1" = 1'-0"



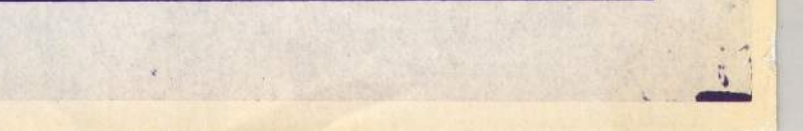
24 PARAPET INFILL (2 LOCATIONS; BUILDINGS C AND E)
1" = 1'-0"



25 PARAPET
1" = 1'-0"



26 PIER TOP & CORNER WALL
1" = 1'-0"



27 PIER & FOOTING
1" = 1'-0"

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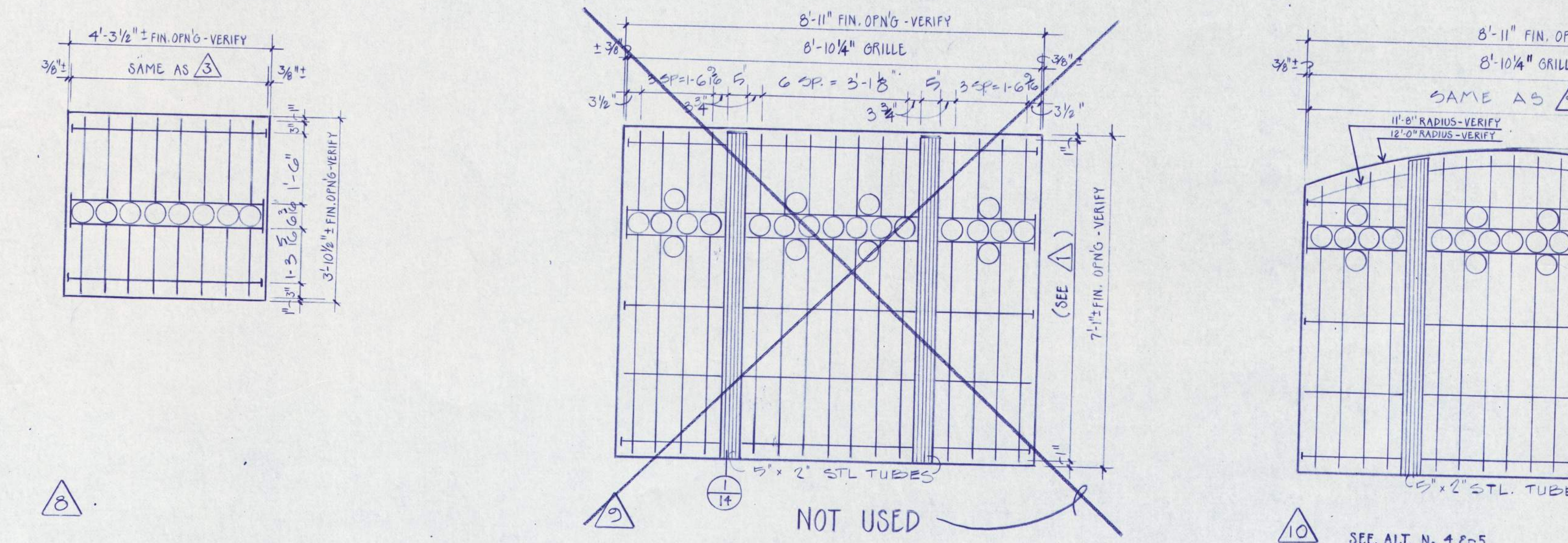
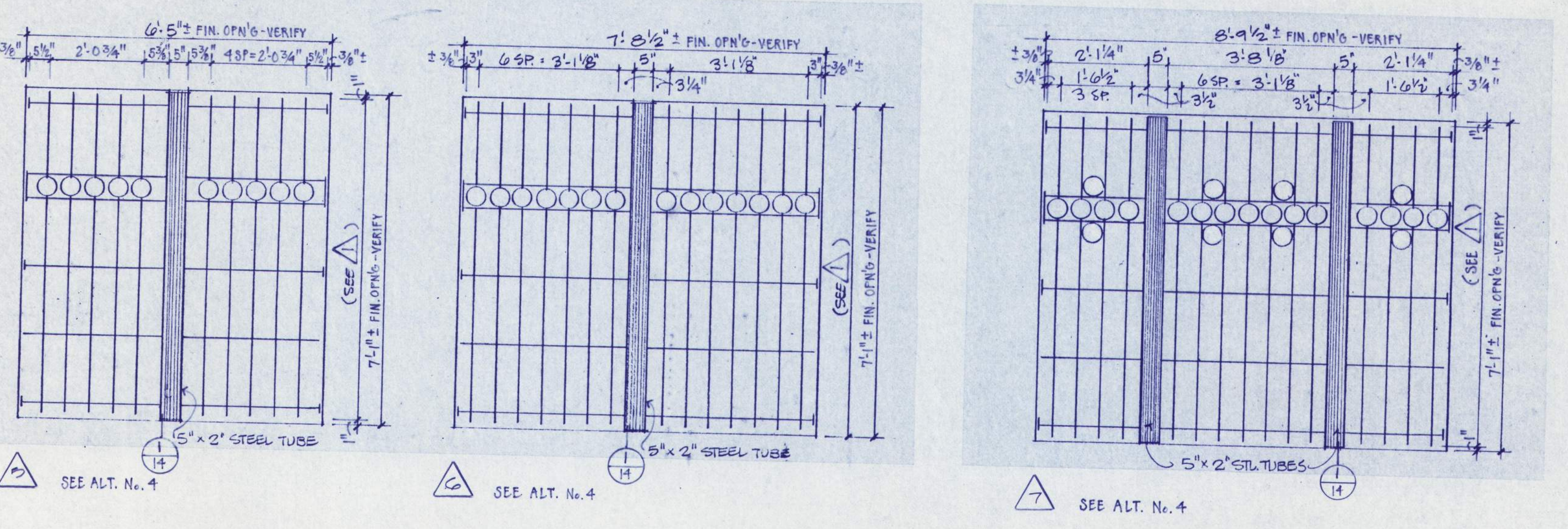
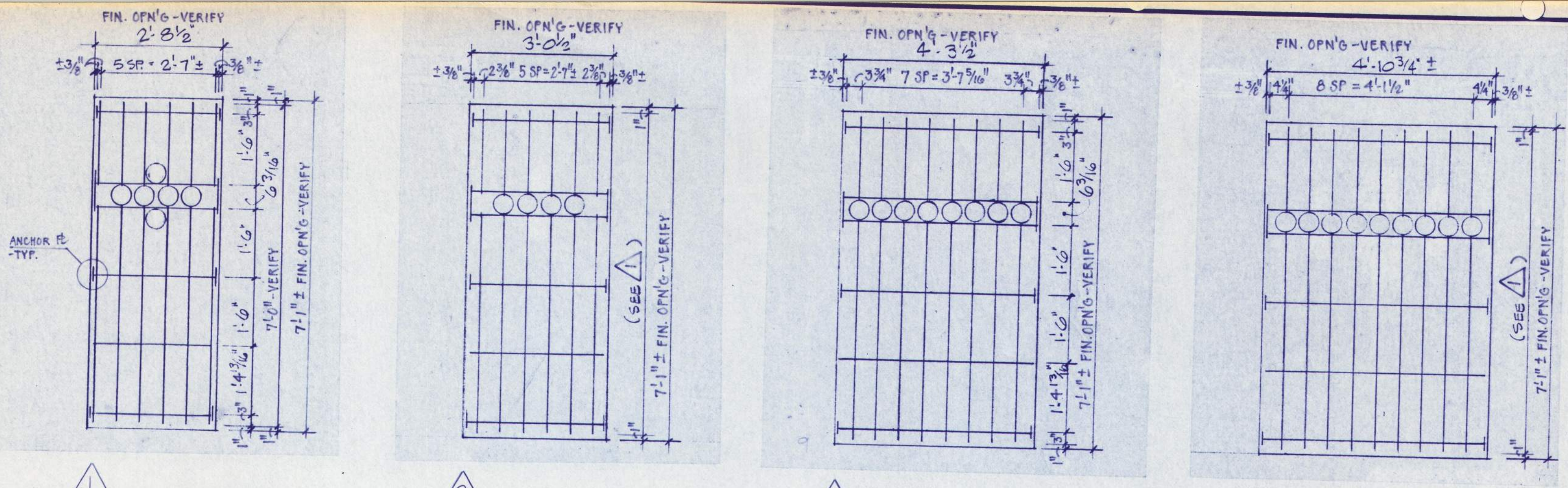
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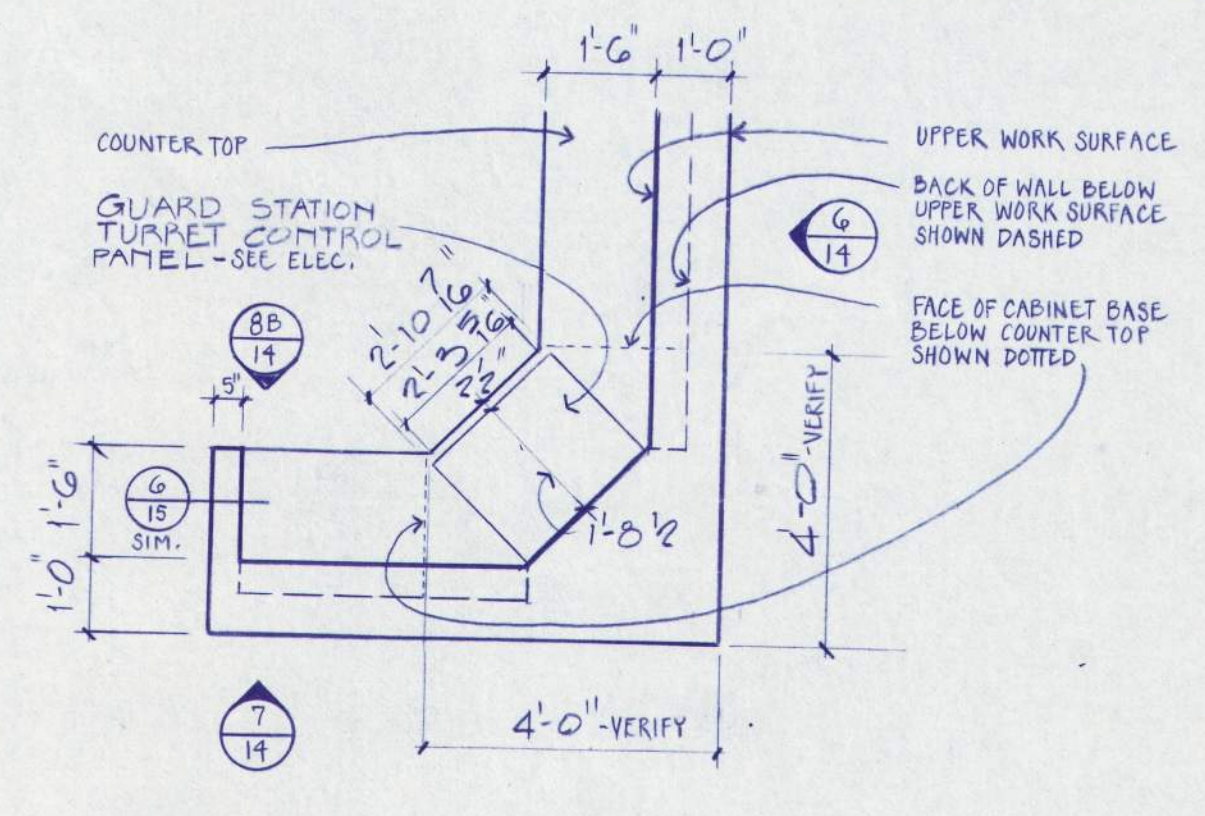
APPROVED RSW
DRAWN WJH
DATE 21 AUG 90
JOB 201.11

13
FRAMING-CMU DTL.



WINDOW GRILLE SCHEDULE

TURRET CONTROL PANEL PLAN



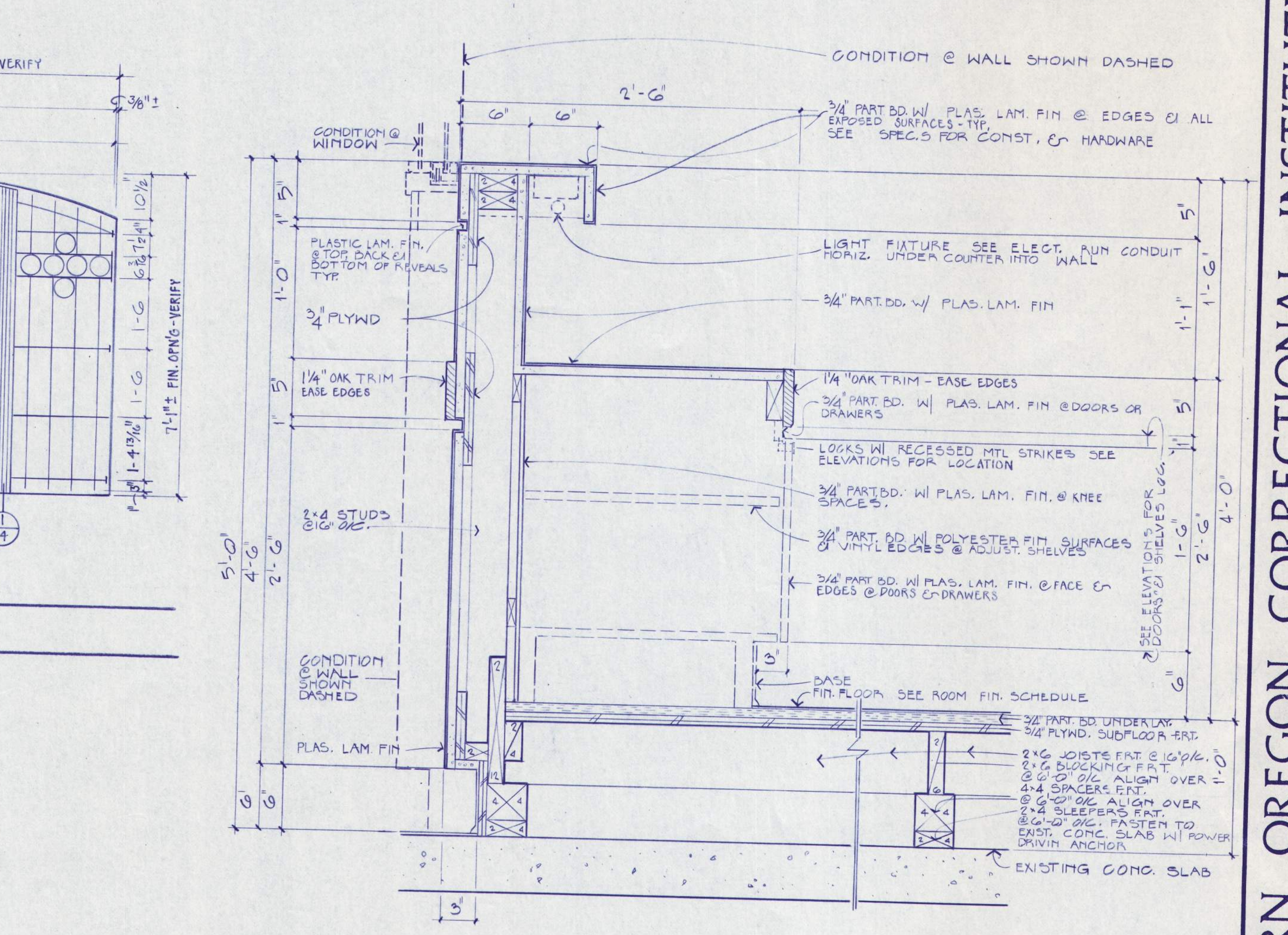
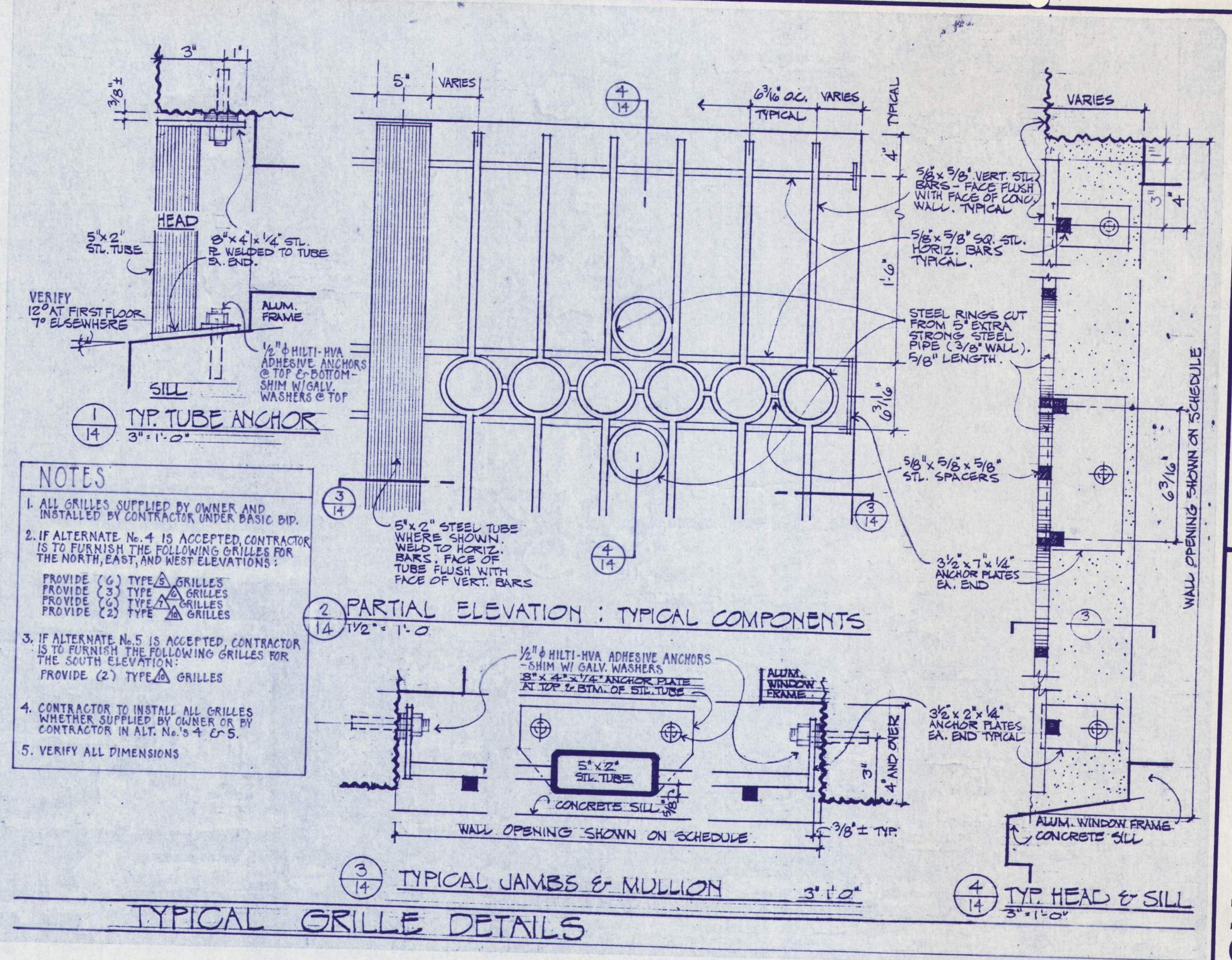
GUARD STATION 202 EAST

GUARD STATION 202 SOUTH

GUARD STATION 202 WEST

GUARD STATION 202 NORTH

GUARD STATION 202 WEST



CABINET DETAIL GUARDSTATION 202

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DRAWN BY WJM
DATE 0-21-90
JOB 202.11

14
GRILLES, INT. ELEVATION



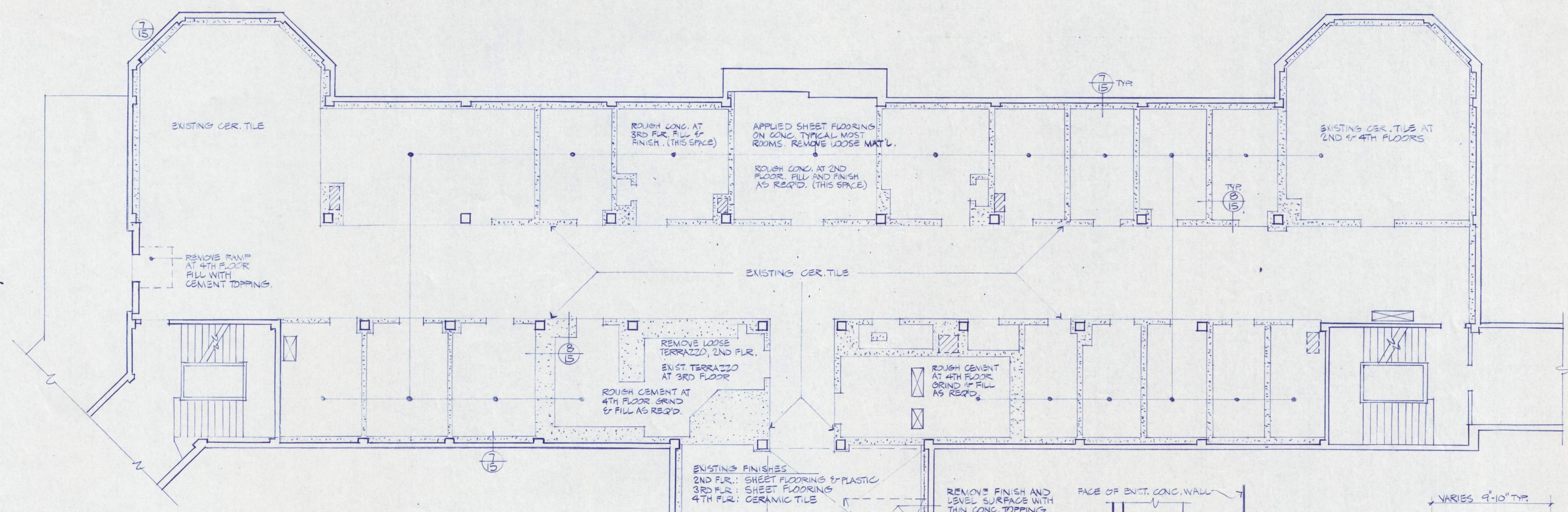
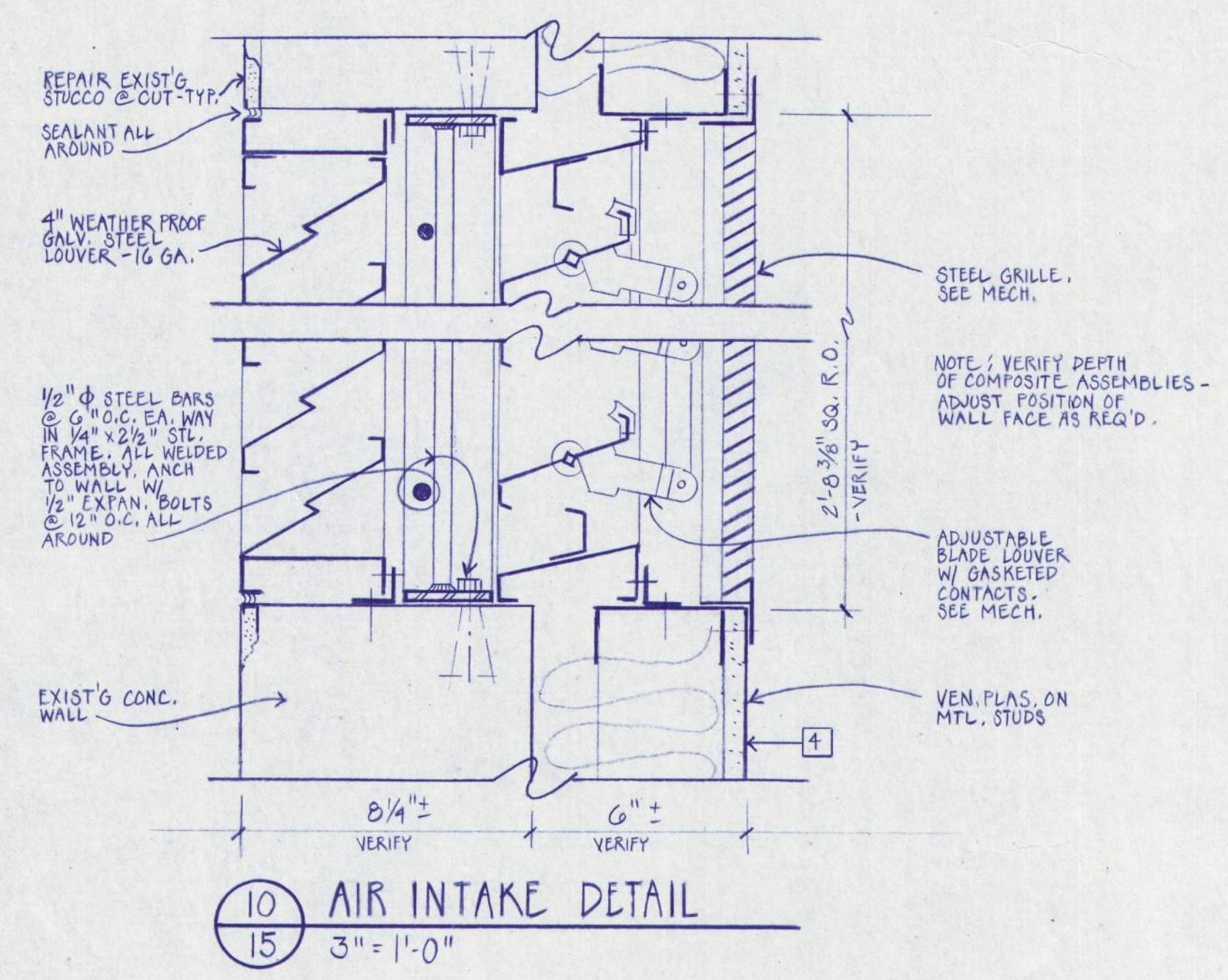
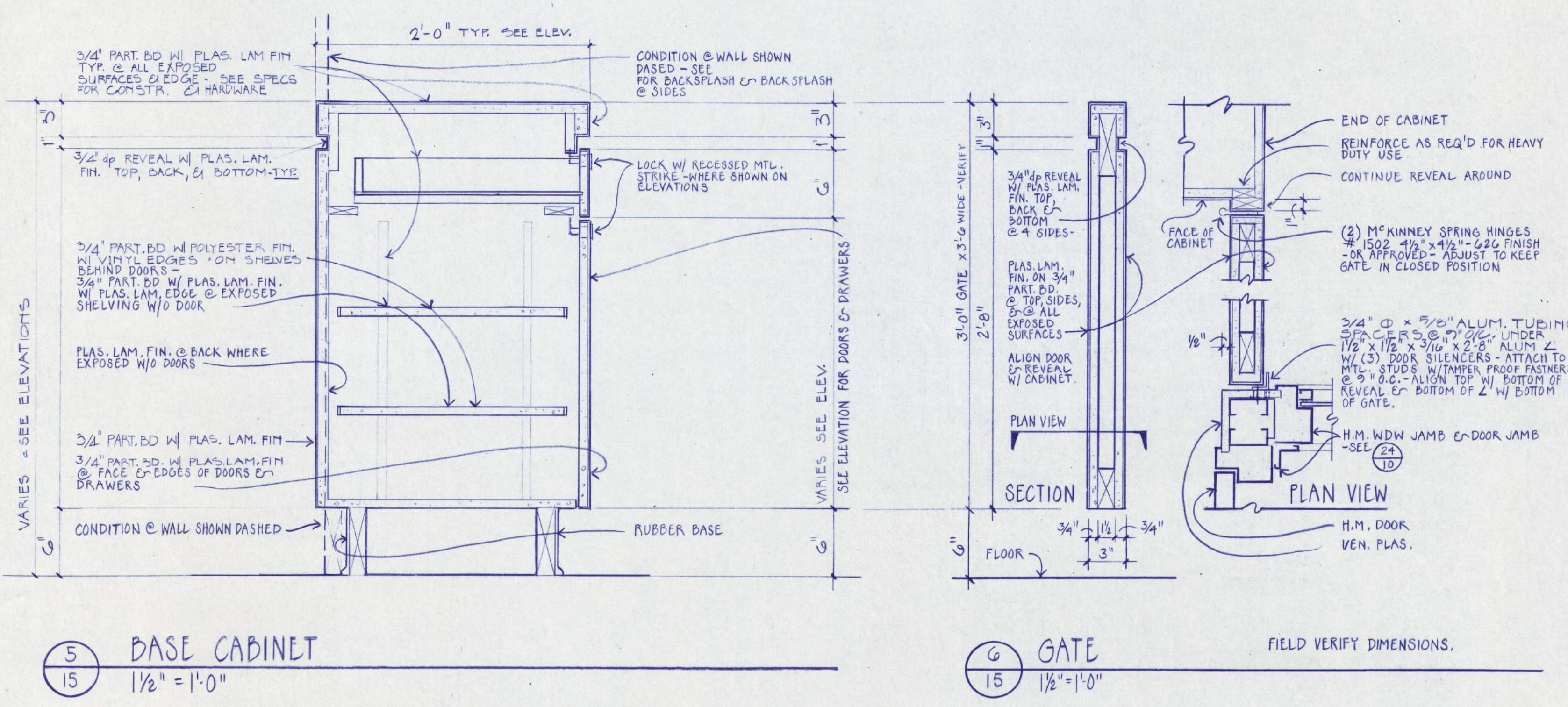
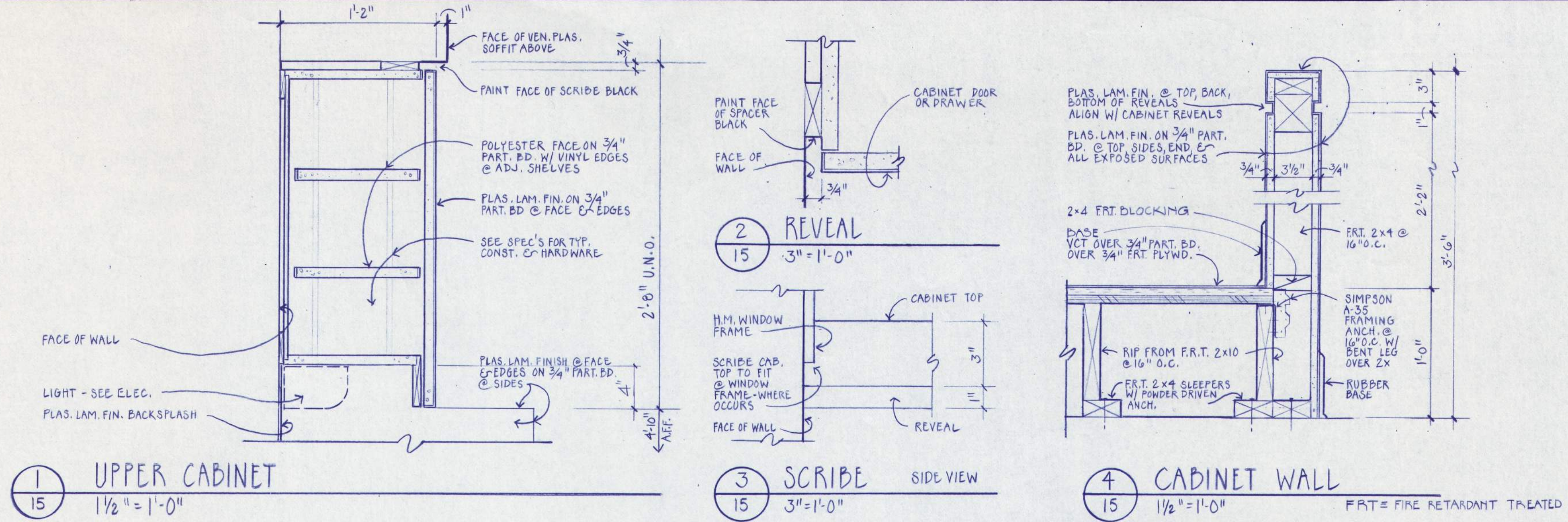
BALZHER, HUBBARD ASSOCIATES
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885 MAINLEY STREET BUREAU, OREGON 97003

LLOYD BOND & ASSOCIATES
LANDSCAPE ARCHITECT
1837 OAK STREET BUREAU, OREGON 97003

FRANK HONEY
STRUCTURAL ENGINEER
8840 E. W. LAUREL LANE PORTLAND, OREGON 97221

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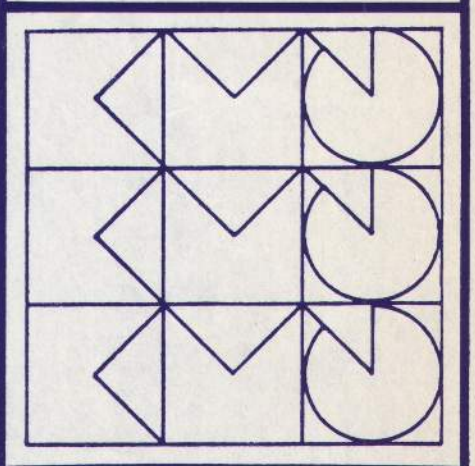
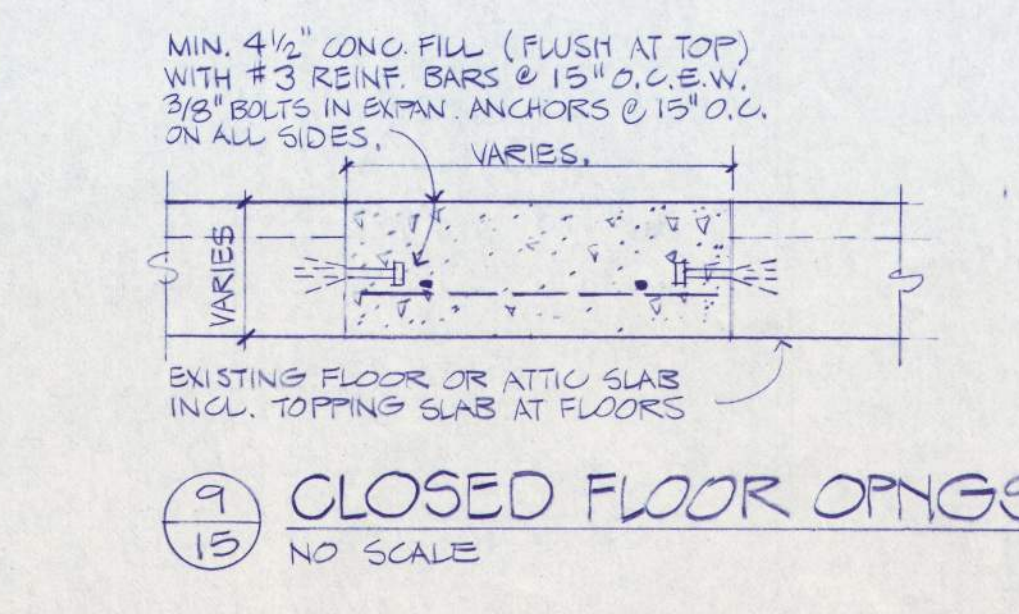
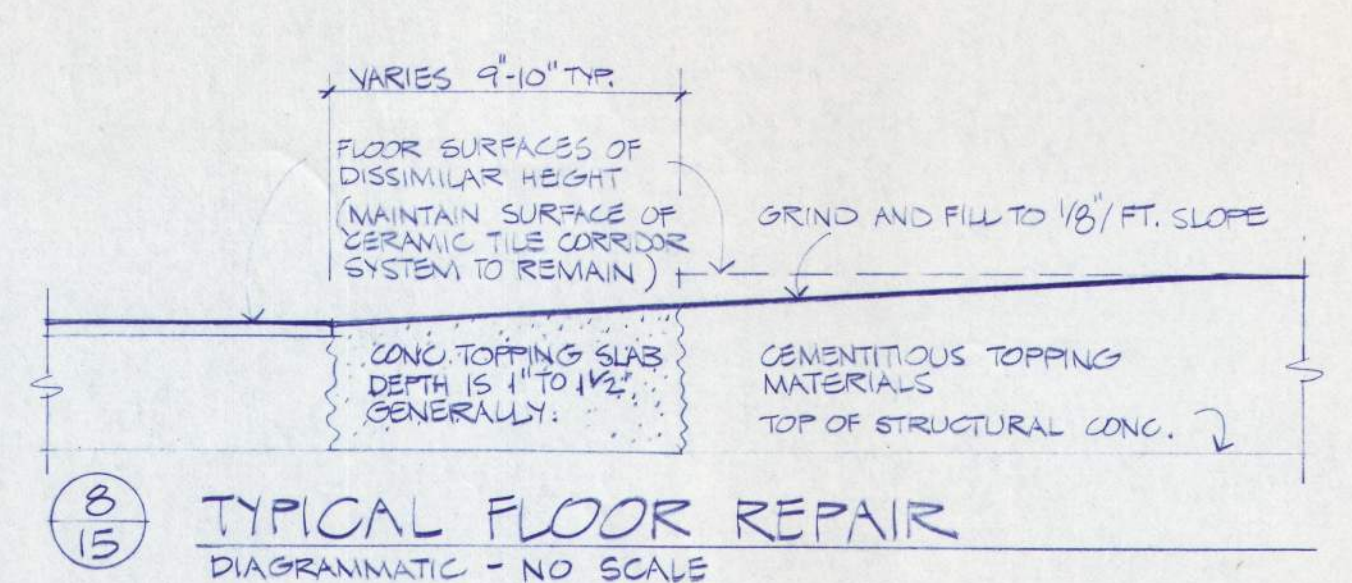
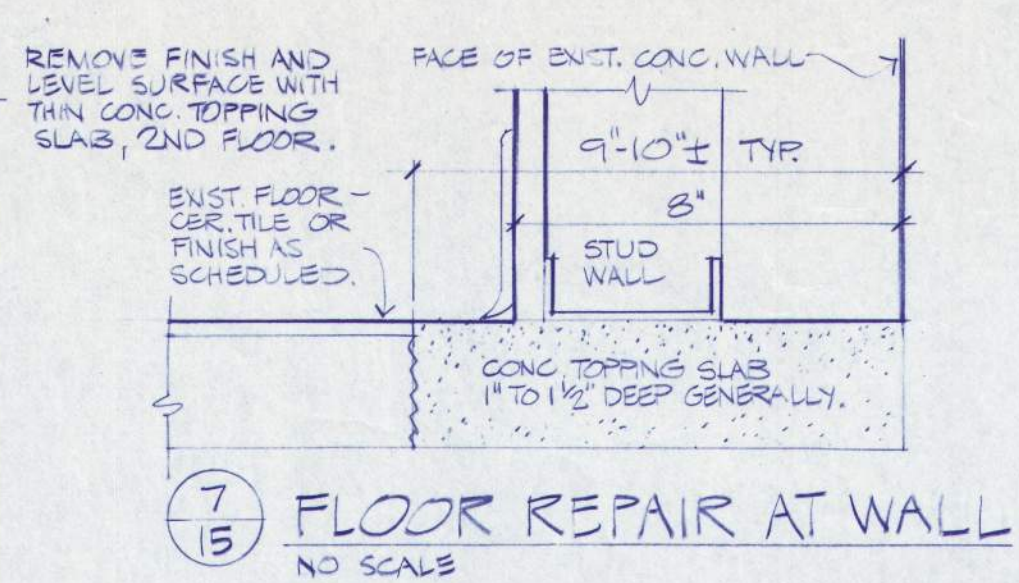


SYMBOLS:

- OPENING IN FLOOR / CLOSE PER DETAIL (15)
- EXISTING DUCT THRU FLOOR TO REMAIN
- GAP IN CONG. OR CER. TILE FLOOR FINISH TO BE GROUTED PER DET. (15) (8)

GENERAL NOTES:

- Plan shows existing floor and wall condition at third floor. Other floors are similar though materials and configuration of old wall locations vary. Contractor is to inspect all conditions on-site prior to bid. Location and size of all gaps in floors is approximate.
- Work required:
 - Preserve and protect all areas of existing ceramic tile floors to remain exposed as shown in plans and Finish Schedule.
 - Where shown in plan, many areas are covered with sheet floor finishes applied over concrete, ceramic tile or Terrazzo substrates. A plastic surfacing (like Torginol) is applied over some sheet flooring. Remove loose material and prepare solidly bonded surfaces to receive new floor finishes.
 - Note that floor surfaces of old rooms adjoining the tile corridors vary in height relative to the surface of the tile corridors and to each other. Grind or scabble floor surfaces raised above the corridor surface to slope 1/8" per foot away from the corridor edge. Fill low surfaces with material as specified under 'Concrete Topping Slab' or 'Thin Concrete Topping Slab' depending on depth and finish flush with corridor surfaces. Fill rough surfaces and finish to smooth, even surface.
 - Fill all holes in floor and around existing floor penetrations as detailed. Fill approx. 7 openings in attic floor slab per detail 9/15.
 - Leave floor in suitable condition for new construction and new floor finishes. Protect ceramic tile to remain exposed.



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DATE: 8-21-90
JOB: 801.11

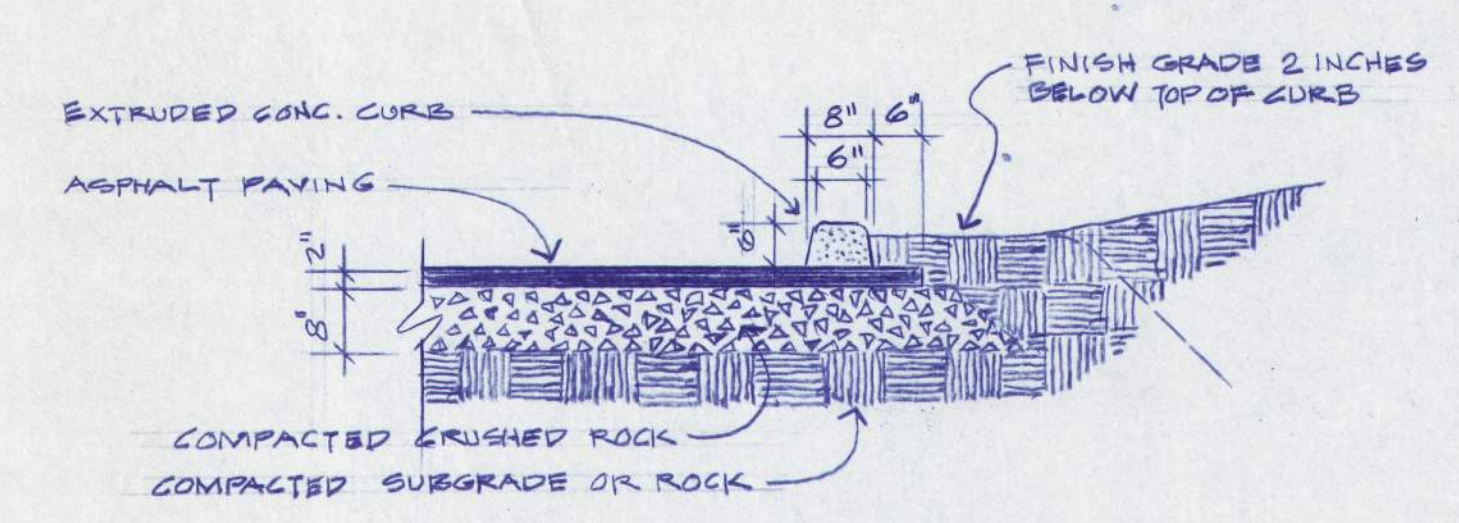
15
FLOOR PREP. PLAN (CABINET DETAILS)



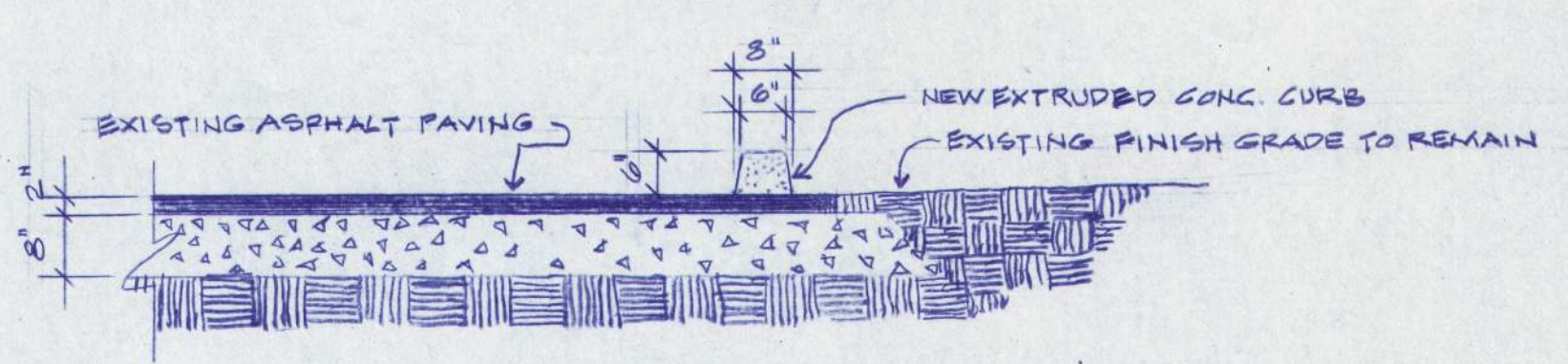
BALZHISER, HUBBARD ASSOCIATES
MECHANICAL & ELECTRICAL ENGINEERS
880 MAINLEY STREET EUGENE, OREGON 97401

LLOYD BOND & ASSOCIATES
LANDSCAPE ARCHITECT
1837 OAK STREET EUGENE, OREGON 97401

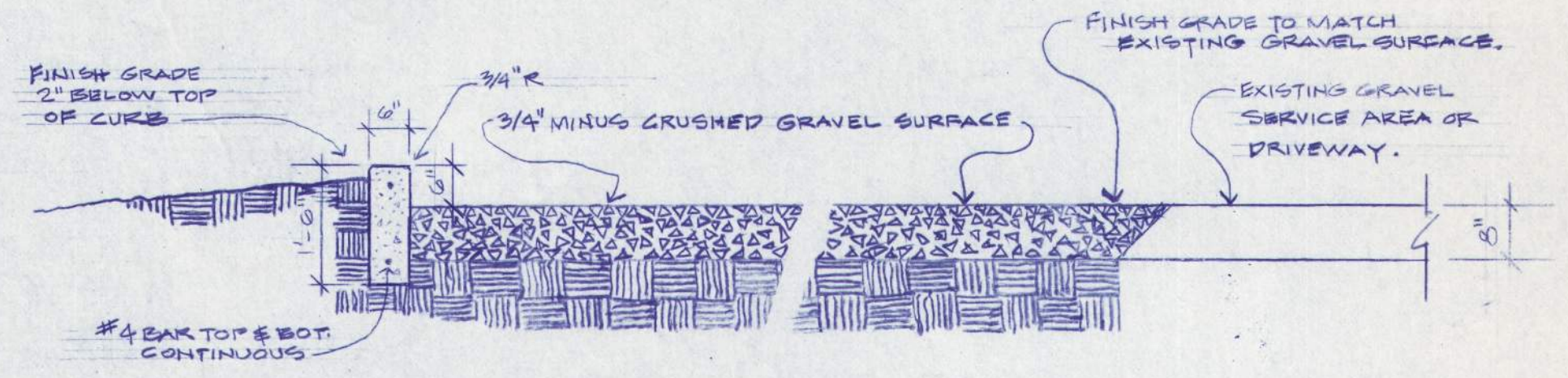
FRANK HONEY
STRUCTURAL ENGINEER
888 S. W. LAUREL LEAF LANE PORTLAND, OREGON 97222



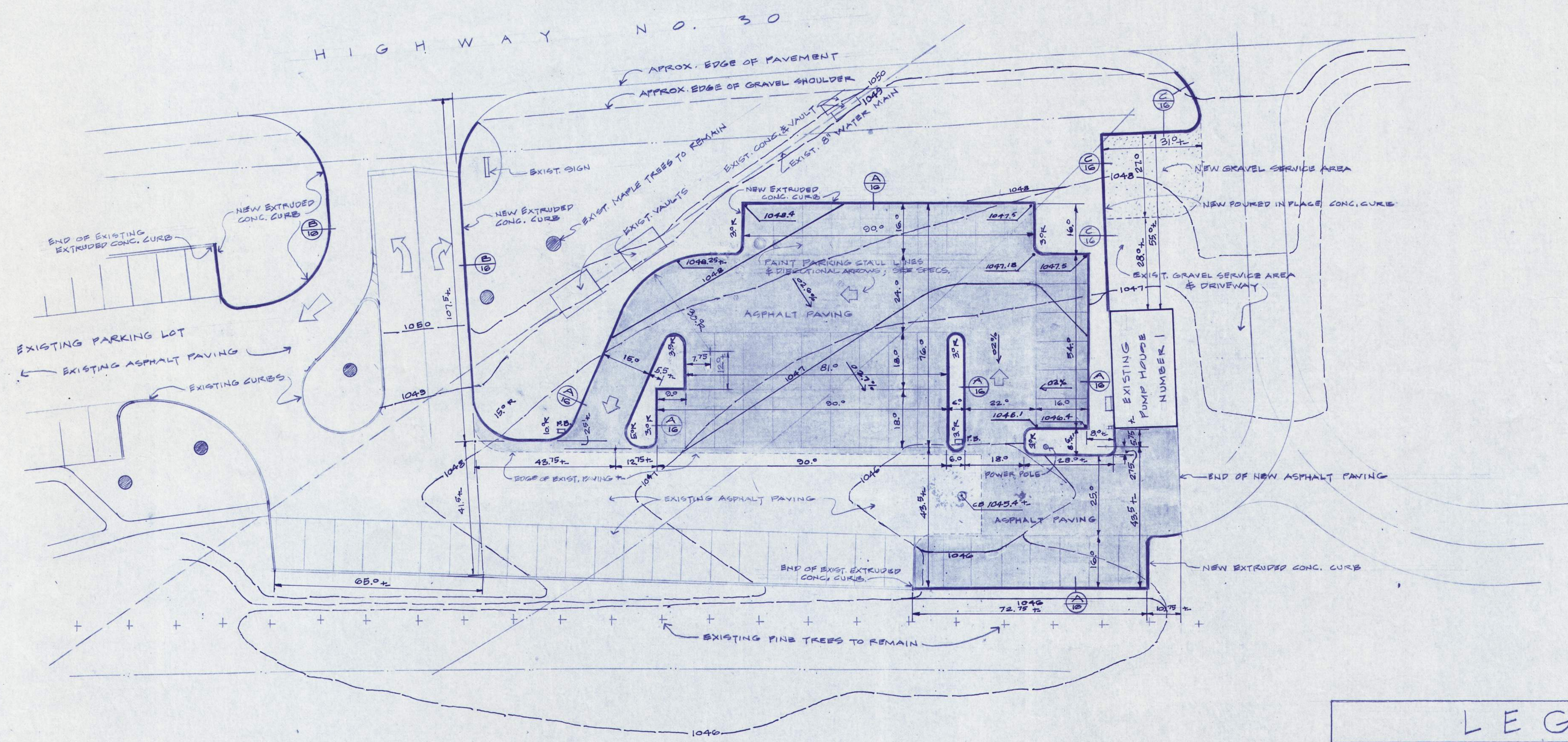
(A) CURB & PAVING
SCALE: 1/2" = 1'-0"



(B) CURB @ EXIST. PAVING
SCALE: 1/2" = 1'-0"



(C) GRAVEL SERVICE AREA & CURB
SCALE: 1/2" = 1'-0"



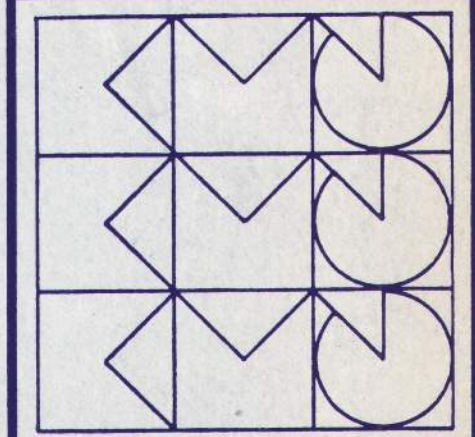
PARKING LOT EXPANSION PLAN
SCALE: 1" = 20'-0"

LEGEND	
	EXISTING CONTOUR
	REVISED CONTOUR; FINISH GRADE.
	SPOT ELEVATION; FINISH GRADE.
	NEW ASPHALT PAVING.
	NEW GRAVEL SURFACING
	NEW CONCRETE CURB; SEE DETAILS.
	EXISTING ELECTRICAL PULL BOX. VERIFY LOCATION; MOVE OR ADJUST TO GRADE AS NECESSARY.
	EXISTING CATCH BASIN
	PAINTED TRAFFIC DIRECTION ARROW; SEE SPECS.
	EXISTING EXTRUDED CONCRETE CURB.
	DETAIL REFERENCE
	DETAIL REFERENCE KEY
	SHEET REFERENCE

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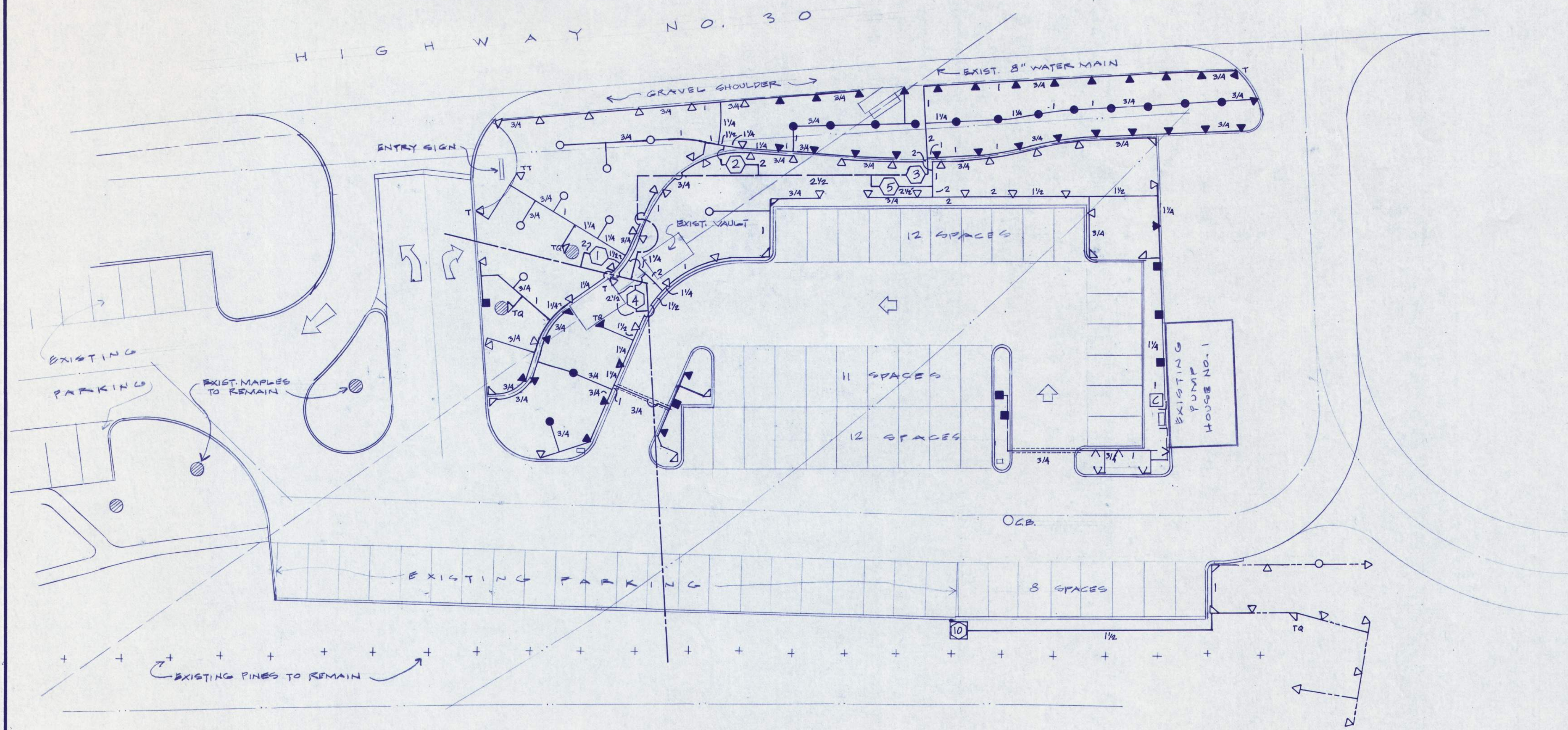
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16
PARKING LOT PLAN



LEGEND

○	Toro 570 Plastic Nozzles, 15' Series; F, TQ, TT, H, T and Q circle.
●	Toro 570 Plastic Nozzles, 12' Series; F, TQ, H, T and Q circle.
▽	Toro 570 Plastic Nozzles, 8' Series - Flat Spray; H and Q circle.
■	Toro 570 Plastic Nozzles, 4-SST Side Strip.
□	Toro 252-07-06 Pressure Regulating Automatic Valve.
□	Irri-Trol MC-6plus Automatic Controller, pedestal mounted.
—	Existing valve.
—	PVC Lateral Pipe: Class 200.
—	PVC Mainline Pipe: Class 200.
—	PVC Sleeves.
—	Existing lateral pipe.
—	Existing mainline pipe.

SCHEDULE

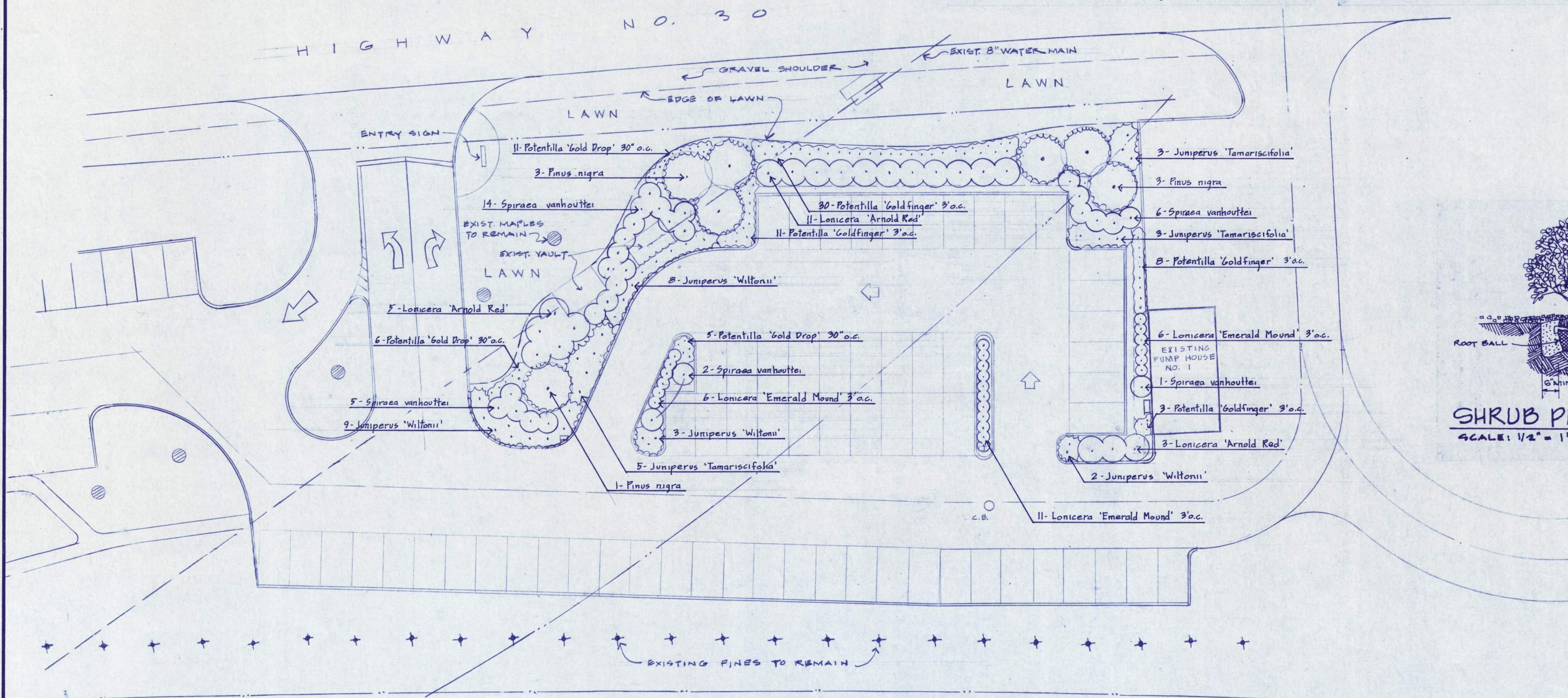
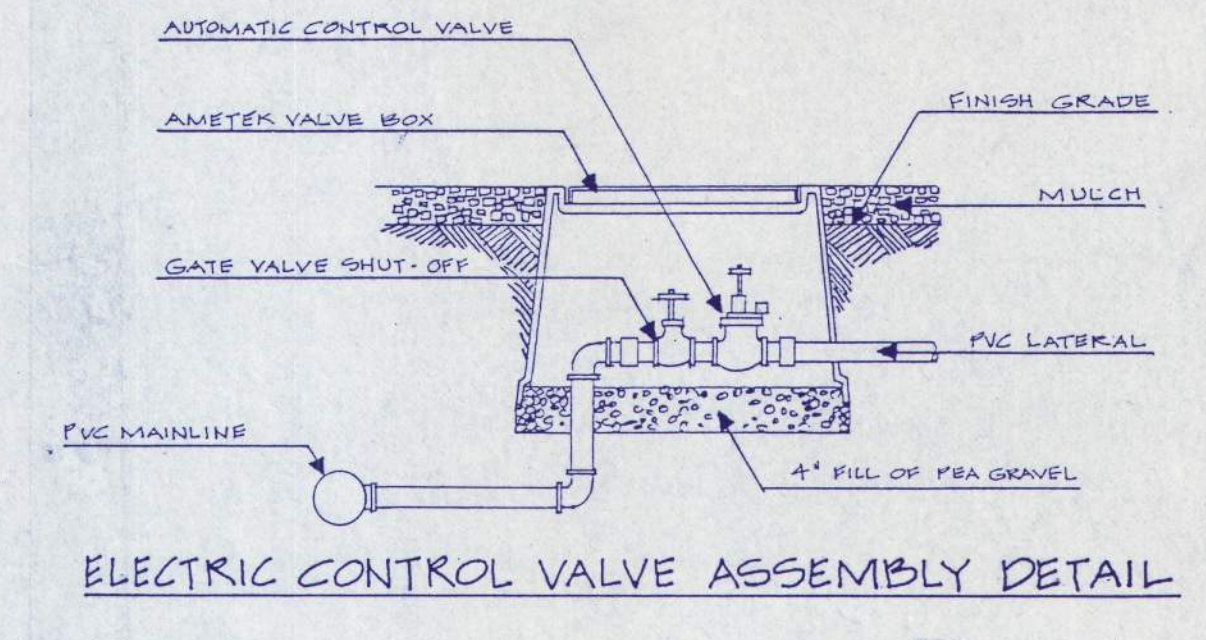
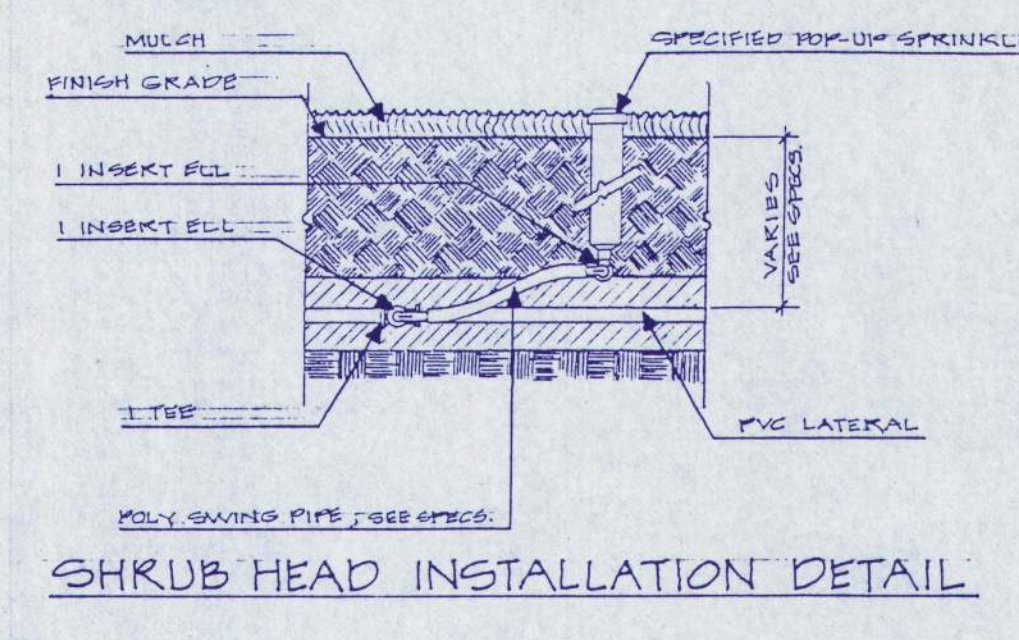
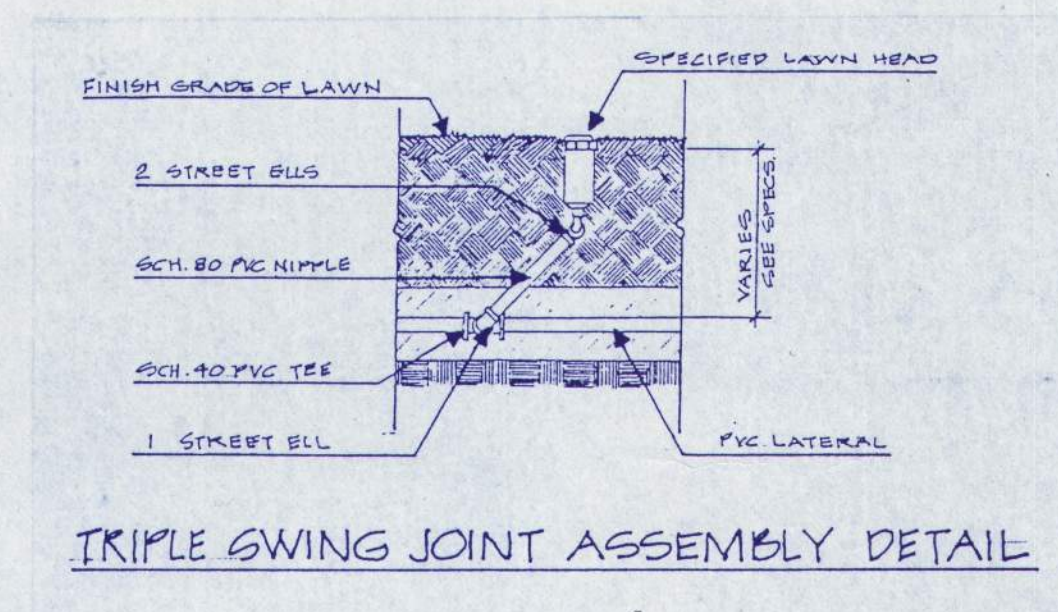
ZONE	GRM	ZONE TYPE	DESCRIPTION
1	49.0	LAWN	Toro 570 Plastic Nozzles on 570C-3P Pop-Up Bodies.
2	51.1	LAWN	Toro 570 Plastic Nozzles on 570C-3P Pop-Up Bodies.
3	45.6	LAWN	Toro 570 Plastic Nozzles on 570C-3P Pop-Up Bodies.
4	56.8	PLANTING	Toro 570 Plastic Nozzles on 570C-6P Pop-Up Bodies.
5	55.7	PLANTING	Toro 570 Plastic Nozzles on 570C-6P Pop-Up Bodies.

- NOTES:
1. Verify location of existing mainline in areas of new construction; adjust for grades if necessary.
 2. Hand trench and tunnel under roots of existing trees when encountered. Do not cut tree roots larger than 3" diameter.
 3. Modify zone 10 as indicated.
 4. Abandon three zones in area of new construction east of main entrance drive, west of pump house, and north of south row of parking. Salvage valves and heads for Owner.



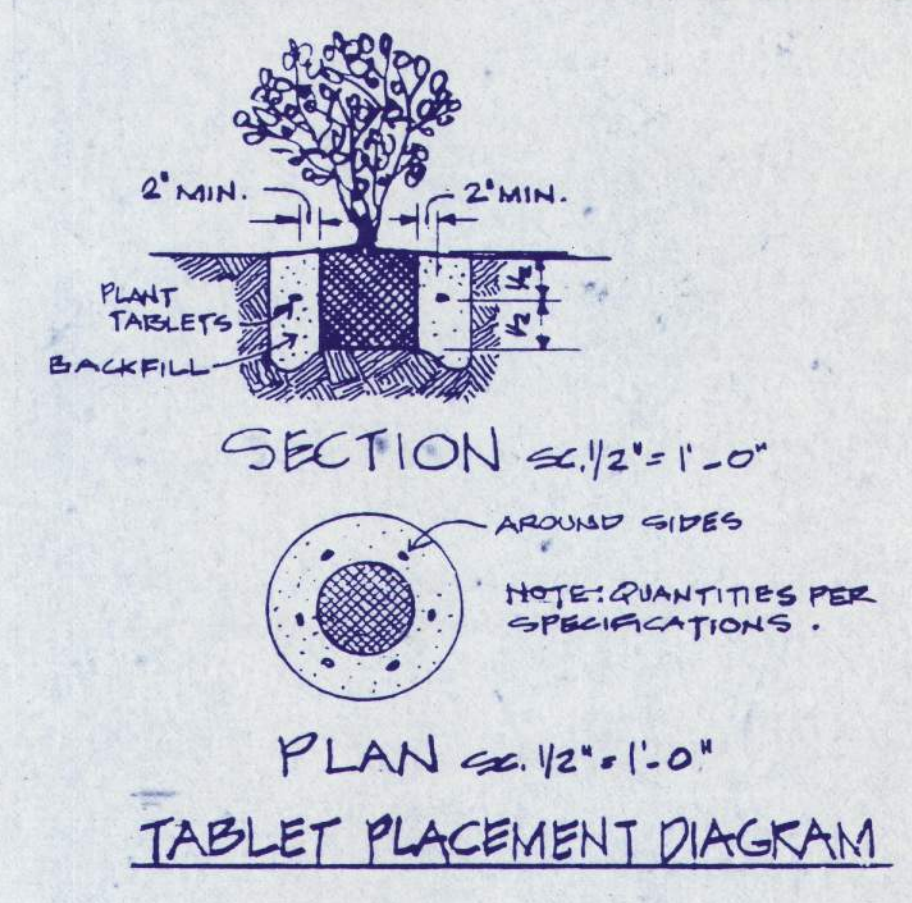
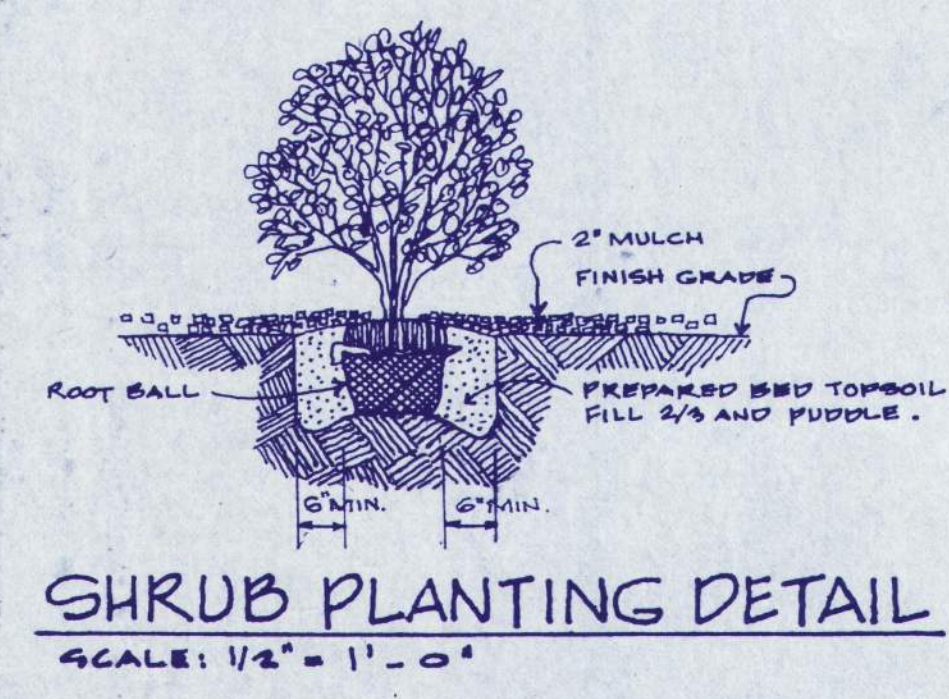
IRRIGATION SYSTEM

SCALE: 1" = 20' - 0"



PLANTING PLAN

SCALE: 1" = 20' - 0"



PLANT LIST

BOTANICAL NAME COMMON NAME	SIZE	CONDITION
Juniperus horizontalis 'Wiltonii' WILTON CARPET CREEPING JUNIPER	15"	BB or Container
Juniperus sabina 'Tamariscifolia' TAMARIX SAVIN JUNIPER	18"	BB or Container
Lonicera tatarica 'Arnold Red' ARNOLD RED HONEYSUCKLE	3'	3 gal. can
Lonicera xylostemum 'Emerald Mound' EMERALD MOUND HONEYSUCKLE	15"	2 gal. can
Pinus nigra AUSTRIAN PINE	5'	BB
Potentilla fruticosa 'Gold Drop' GOLD DROP POTENTILLA	12"	1 gal. can
Potentilla fruticosa 'Goldfinger' GOLDFINGER POTENTILLA	15"	1 gal. can
Spiraea vanhouttei VANHOUTTE SPIREA	3'	3 gal. can



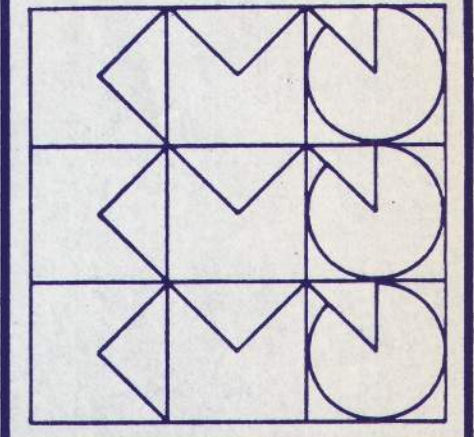
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17
PARKING LOT PLANTING PLAN

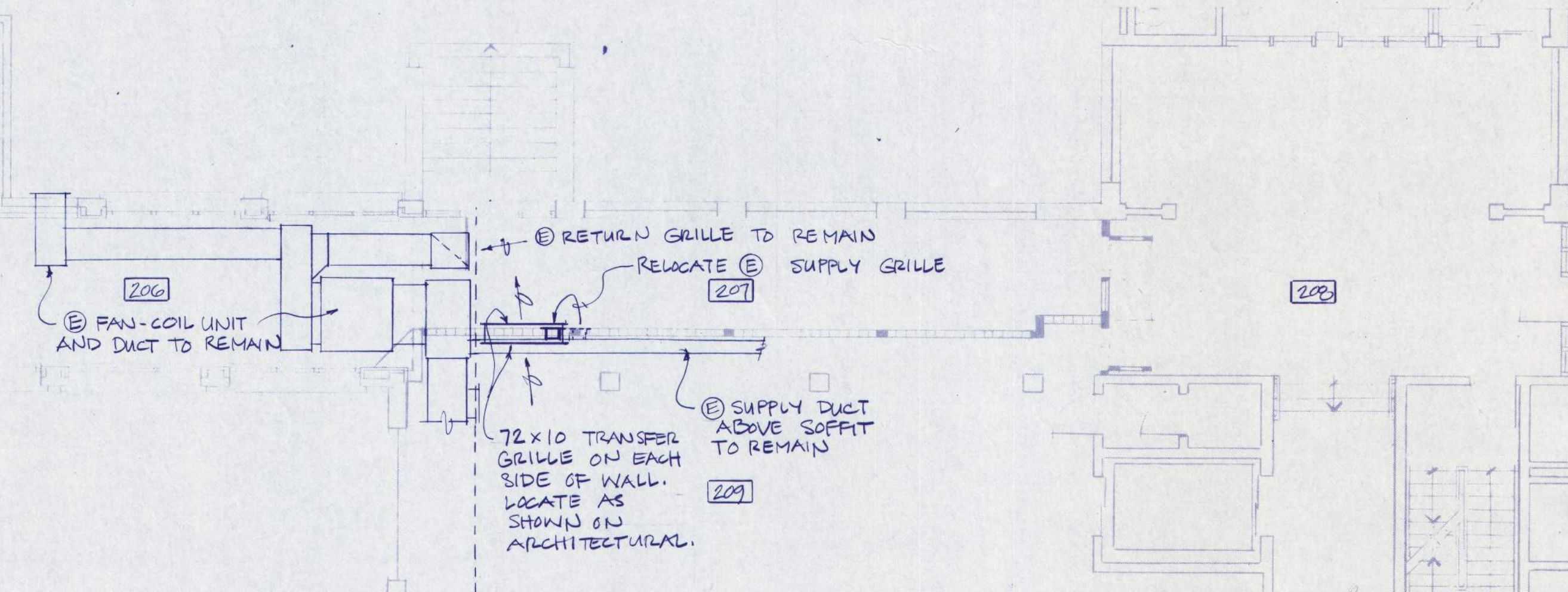
SYMBOLS LEGEND

SYMBOL	ABBR.	DESCRIPTION	SYMBOL	ABBR.	DESCRIPTION
—	OW	COLD WATER PIPE	—	2	2 WAY CONTROL VALVE
—	HW	HOT WATER PIPE	—	REL	RELIEF VALVE
—	HWR	HOT WATER RECIRCULATION PIPE	—	MAV	MANUAL AIR VENT
—	T	TEMPERED WATER PIPE	—	AAV	AUTOMATIC AIR VENT
—	W	SANITARY WASTE PIPE	—	FCV	FLOW CONTROL VALVE
—	V	VENT PIPE	—	CP	CIRCULATING PUMP
—	W	EXISTING WASTE PIPE TO BE REMOVED	—	TR	THERMOSTAT WITH ZONE/UNIT CONTROLLED
—	H5	HEATING WATER SUPPLY PIPE	—	NLT	NIGHT LOW LIMIT THERMOSTAT
—	HR	HEATING WATER RETURN PIPE	—	AC-1	AIR FLOW (CFM) - TYPE OF INLET OR OUTLET
—	LPS	LOW PRESSURE STEAM PIPE	—	6X6-4W	NECK SIZE - PATTERN
—	LFC	LOW PRESSURE CONDENSATE PIPE	—	100 SDC	
—	F	FIRE SPRINKLER PIPE	—	6X6-4W	
—	—	SPRINKLER HEAD, PENDANT	—	—	DIRECTION OF AIR FLOW
—	—	SPRINKLER HEAD, UPRIGHT	—	—	MANUAL DAMPER
—	—	DIRECTION OF FLOW	—	—	AUTOMATIC DAMPER
—	—	SLOPE	—	—	FIRE DAMPER
—	CO	CLEANOUT: WALL, FLOOR, OR CEILING	—	—	SMOKE DAMPER (CONTROL SEQUENCE NO. INDICATED)
—	VTR	VENT THROUGH ROOF	—	—	COMBINATION FIRE/SMOKE DAMPER
—	—	PIPE UP, PIPE DOWN	—	—	SECURITY BARS IN DUCT
—	—	PIPE TAKE OFF - UP	—	UH	UNIT HEATER
—	—	PIPE TAKE OFF - DOWN	—	HC	HEATING COIL
—	—	PIPE UP OR DOWN	—	OSA	OUTSIDE AIR
—	—	STRAINER	—	SDC	SUPPLY DIFFUSER CEILING
—	—	STRAINER WITH VALVE	—	SRC	SUPPLY REGISTER CEILING
—	—	PIPE UNION	—	SRF	SUPPLY REGISTER FLOOR
—	—	PIPE GUIDE	—	SRW	SUPPLY REGISTER WALL
—	—	PIPE ANCHOR	—	SGW	SUPPLY GRILLE WALL
—	—	PIPE CAP	—	RGC	RETURN GRILLE CEILING
—	HB	HOSE BIBB	—	RRC	RETURN REGISTER CEILING
—	HY	WALL HYDRANT	—	RRW	RETURN REGISTER WALL
—	FD	FLOOR DRAIN	—	ERC	EXHAUST REGISTER CEILING
—	—	THERMOMETER	—	EGC	EXHAUST GRILLE CEILING
—	—	PRESSURE GAUGE WITH STOP COCK	—	ERW	EXHAUST REGISTER WALL
—	—	SHOCK ARRESTOR	—	EGW	EXHAUST GRILLE WALL
—	—	F & T TRAP	—	AF	ABOVE FINISH FLOOR
—	—	BALANCING VALVE	—	EXISTING	EXISTING
—	—	GATE VALVE	—	ROOM NUMBER	
—	—	CHECK VALVE	—	DETAIL & SHEET NUMBER	
—	—	BALL VALVE	—	SECTION & SHEET NUMBER	
—	—	GLOBE VALVE	—	MECHANICAL NOTE (SEE REFERENCE ON PLAN)	
—	—	BUTTERFLY VALVE	—	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK	
—	DV	DRAIN VALVE W/ 3/4" HOSE END	—		
—	—	3 WAY CONTROL VALVE	—		

SYMBOL	EQUIVALENT SYMBOL	DESCRIPTION
—	24 X 12	RECTANGULAR DUCT WITH SIZE INDICATED. FIRST DIMENSION IS THE ONE VISIBLE IN THIS VIEW.
—	12"	ROUND DUCT WITH DIAMETER INDICATED
—	—	RADIUS ELBOW (45° SIMILAR)
—	—	SQUARE ELBOW WITH TURNING VALVES
—	—	OFFSET
—	—	RADIUS TAKE-OFF
—	—	EXPANDED NECK TAKE-OFF
—	—	2-WAY SPLIT
—	—	3-WAY SPLIT
—	—	TRANSITION
—	—	SUPPLY DUCT UP
—	—	SUPPLY DUCT DOWN
—	—	RETURN, EXHAUST, OR OSA DUCT UP/DOWN
—	—	ROUND DUCT UP
—	—	ROUND DUCT DOWN

GENERAL MECHANICAL NOTES:

1. Provide security bars at each duct through floor, except 6" and 7" round ducts. See detail 1/M2.
2. Provide a fire damper at each duct through floor. See detail 2/M2.
3. Provide duct access door and wall or ceiling access door for each new and each existing fire damper, smoke damper, and combination fire / smoke damper. All existing ducts through floors have fire dampers.
4. Duct sizes shown on drawings represent net inside dimensions, measured to inside face of liner.
5. See sheet M1 for symbols legend.
6. See sheet M8 for heating coil schedule and details.
7. Ceilings are fixed, non-accessible. Provide a remote damper operator for each manual damper located above a ceiling.

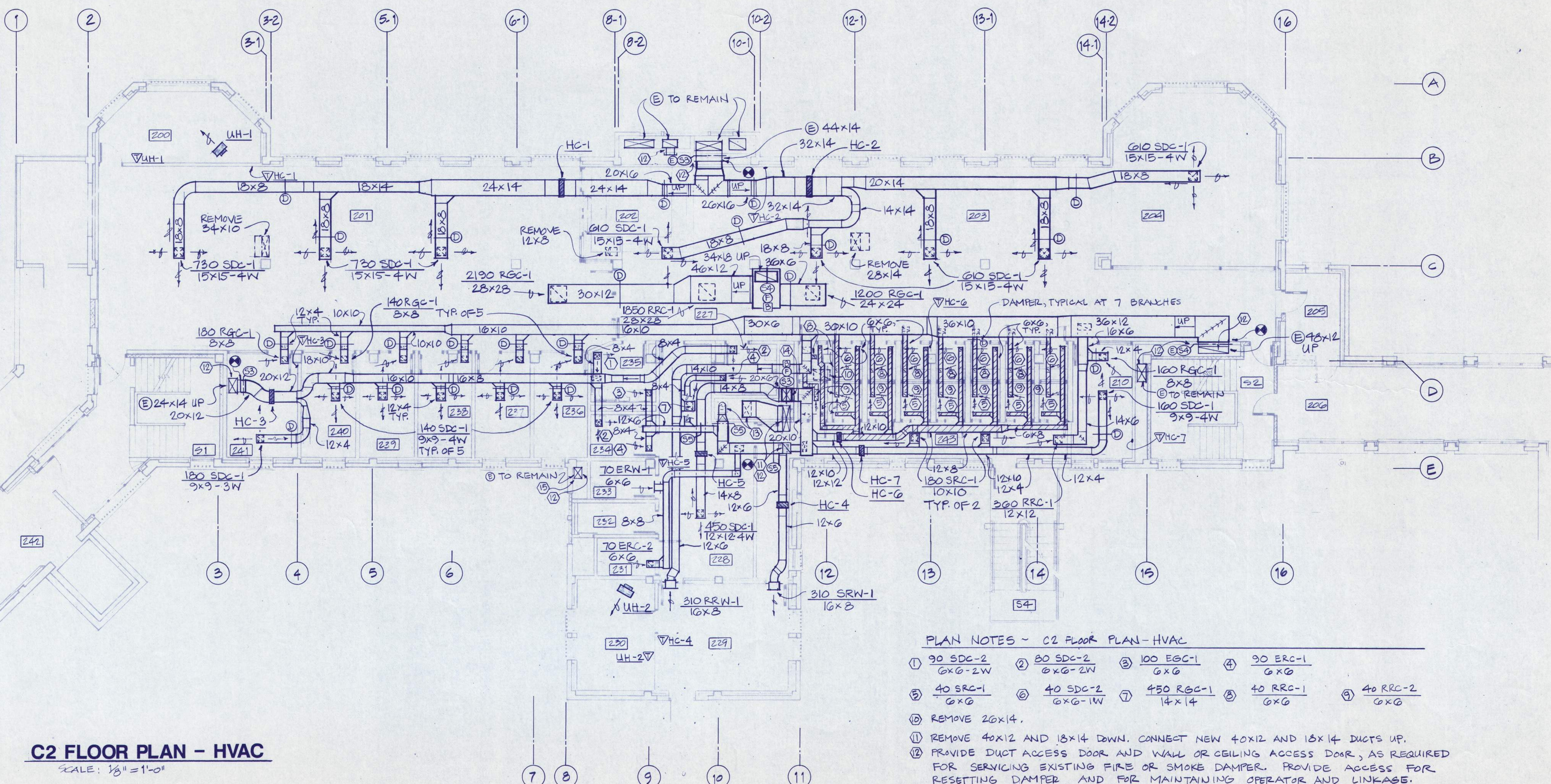


C2 - D2 HALL AND VISITORS ENTRY PARTIAL PLAN - HVAC

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

MECHANICAL SHEET INDEX

M1	C2 FLOOR PLAN - HVAC
M2	C3 FLOOR PLAN - HVAC
M3	C4 FLOOR PLAN - HVAC
M4	ATTIC PLANS - PLUMBING / HVAC
M5	C1 FLOOR PLAN - PLUMBING / HVAC
M6	C2 FLOOR PLAN - PLUMBING
M7	C3 FLOOR PLAN - PLUMBING
M8	C4 FLOOR PLAN - PLUMBING



- PLAN NOTES - C2 FLOOR PLAN - HVAC**
1. 90 SDC-2 6X6-2W
 2. 80 SDC-2 6X6-2W
 3. 100 RGC-1 6X6
 4. 90 ERC-1 6X6
 5. 40 SRC-1 6X6
 6. 40 SDC-2 6X6-1W
 7. 450 RGC-1 14X14
 8. 40 RRC-1 6X6
 9. 40 RRC-2 6X6
 10. REMOVE 20X14.
 11. REMOVE 40X12 AND 18X14 DOWN. CONNECT NEW 40X12 AND 18X14 DUCTS UP.
 12. PROVIDE DUCT ACCESS DOOR AND WALL OR CEILING ACCESS DOOR, AS REQUIRED FOR SERVICING EXISTING FIRE OR SMOKE DAMPER. PROVIDE ACCESS FOR RESETTING DAMPER AND FOR MAINTAINING OPERATOR AND LINKAGE.
 13. 12" and 28X16 DOWN.
 14. 20X16 UP.
 15. REMOVE SMOKE DAMPER OPERATOR AND PROVIDE LOCKING QUADRANT. SECURE QUADRANT OPEN. (DAMPEN TO FUNCTION AS FIRE DAMPER ONLY.)

C2 FLOOR PLAN - HVAC

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

M-1	M-6	E-2	E-5
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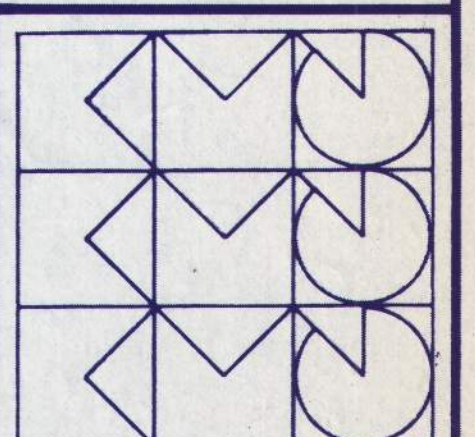
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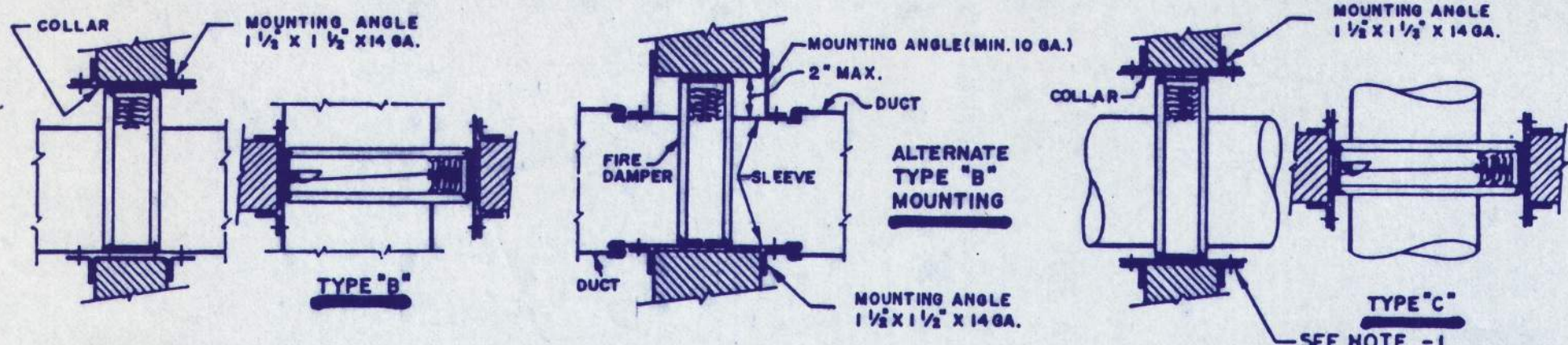
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M1

- NOTES:
 1. All connections to ducts shall conform to UL 555 and NFPA 96A.
 2. The length of the sleeve or frame extending beyond the wall or floor opening shall not exceed 8 inches on each side (per UL 555).

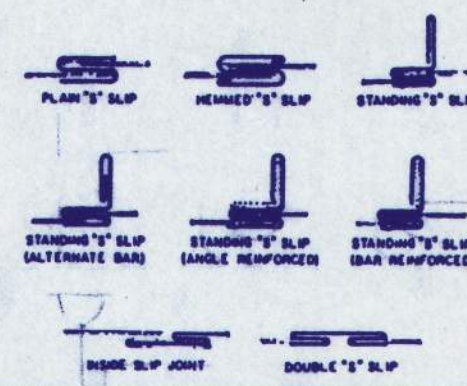


INSPECTION

- Before installing, make sure:
 The unit:
 • Has not been damaged in shipping
 • Is the model and size specified
 • If there are discrepancies, check with the job superintendent before installing.
 The installation site:
 • Is the correct size
 • Is straight, plumb, and clean. The mounting surface should be at least as possible.

INSTALLATION

DUCT-SLEEVE CONNECTIONS



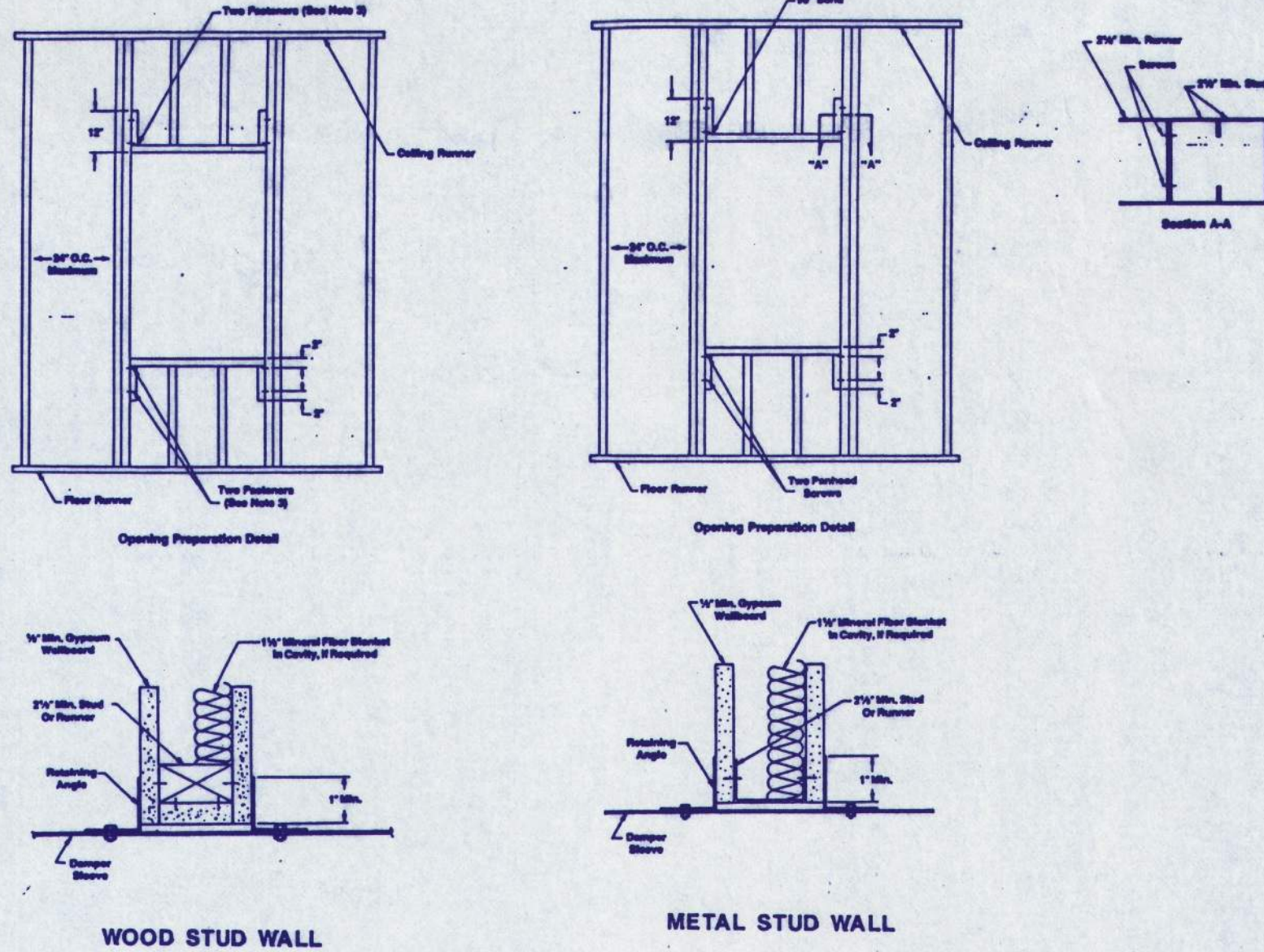
Secure the damper to the duct, or frame, by using the 3/16" diameter bolts or washers under 1/2" in. diameter with 3/4" dia. bolts and nuts, or by using washers and bolts 1/2" in. diameter with 3/4" dia. bolts and nuts. Fasteners or weld beads should be 8 to 8 1/2 in. on center.

The collar shall be of the same gauge or heavier than the duct to which it is attached. Gages shall conform to SAE A594 or ASHRAE duct standards. On type C dampers, the collar must be 18 ga. or heavier.

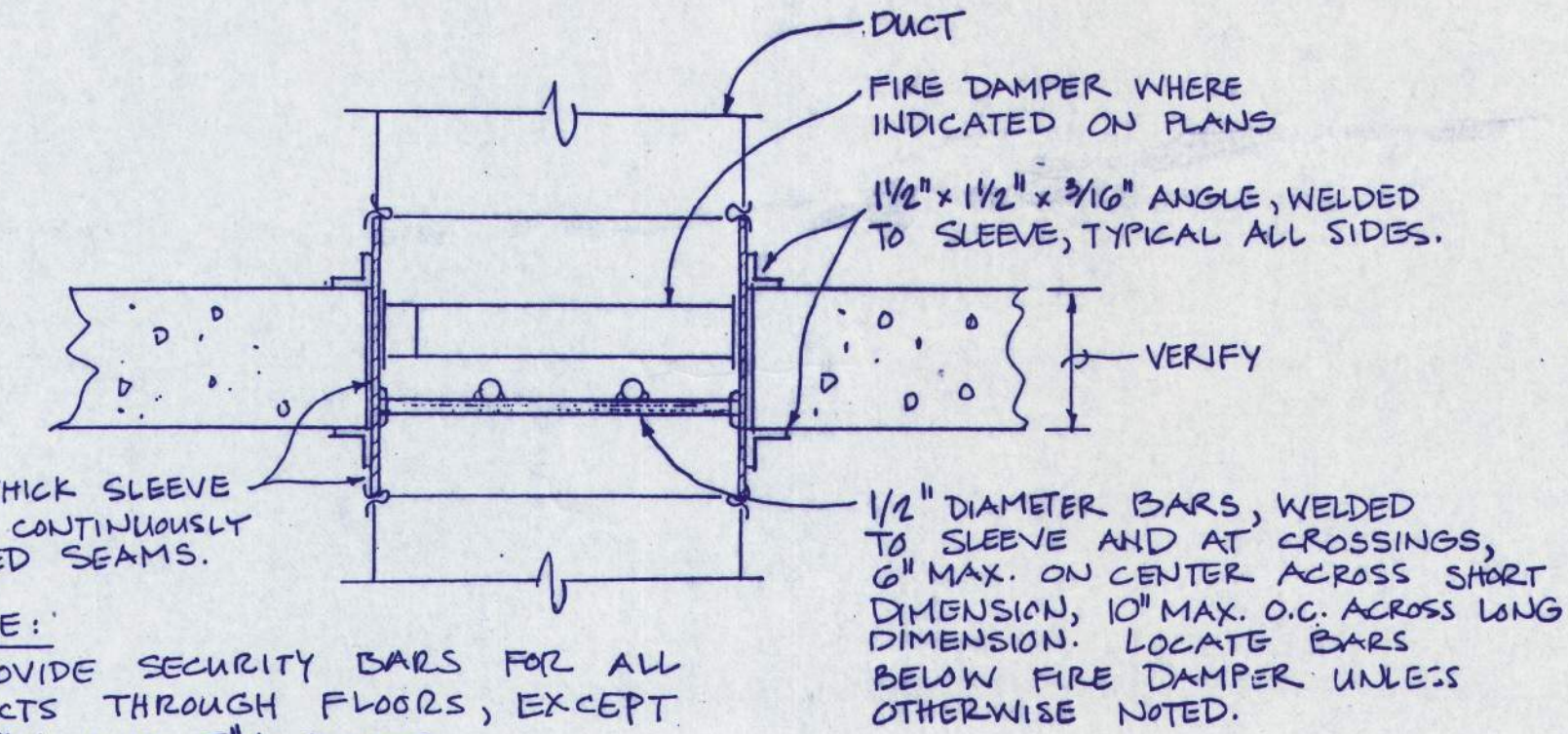
At all see the duct-to-duct connections which may be used on all systems.

When the following duct-to-duct connections are used, the minimum gauge of the collar shall be 18 ga. on dampers not exceeding 24 in. wide by 24 in. high, and 14 ga. on larger dampers:
 1) Right reinforced mounting system
 2) Angle reinforced pocket both
 3) Compression angle
 4) Metal fasteners spaced a minimum of 18 in. on center.

Secure angles to collar only, so as to frame the wall opening. Angles shall be a minimum of 1/2" x 1/2" x 1/4" gage. Fasteners to collar only using the same method as required for fastening the damper to the collar. Dampers shall have a clearance of 1/8 in. per foot on height and width, and angles shall increase as size proportionately, so that there will be a minimum of 1 in. of overlap on the partition.



OPENING PREPARATION



NOTE:
 PROVIDE SECURITY BARS FOR ALL DUCTS THROUGH FLOORS, EXCEPT 6" AND 7" DUCTS.

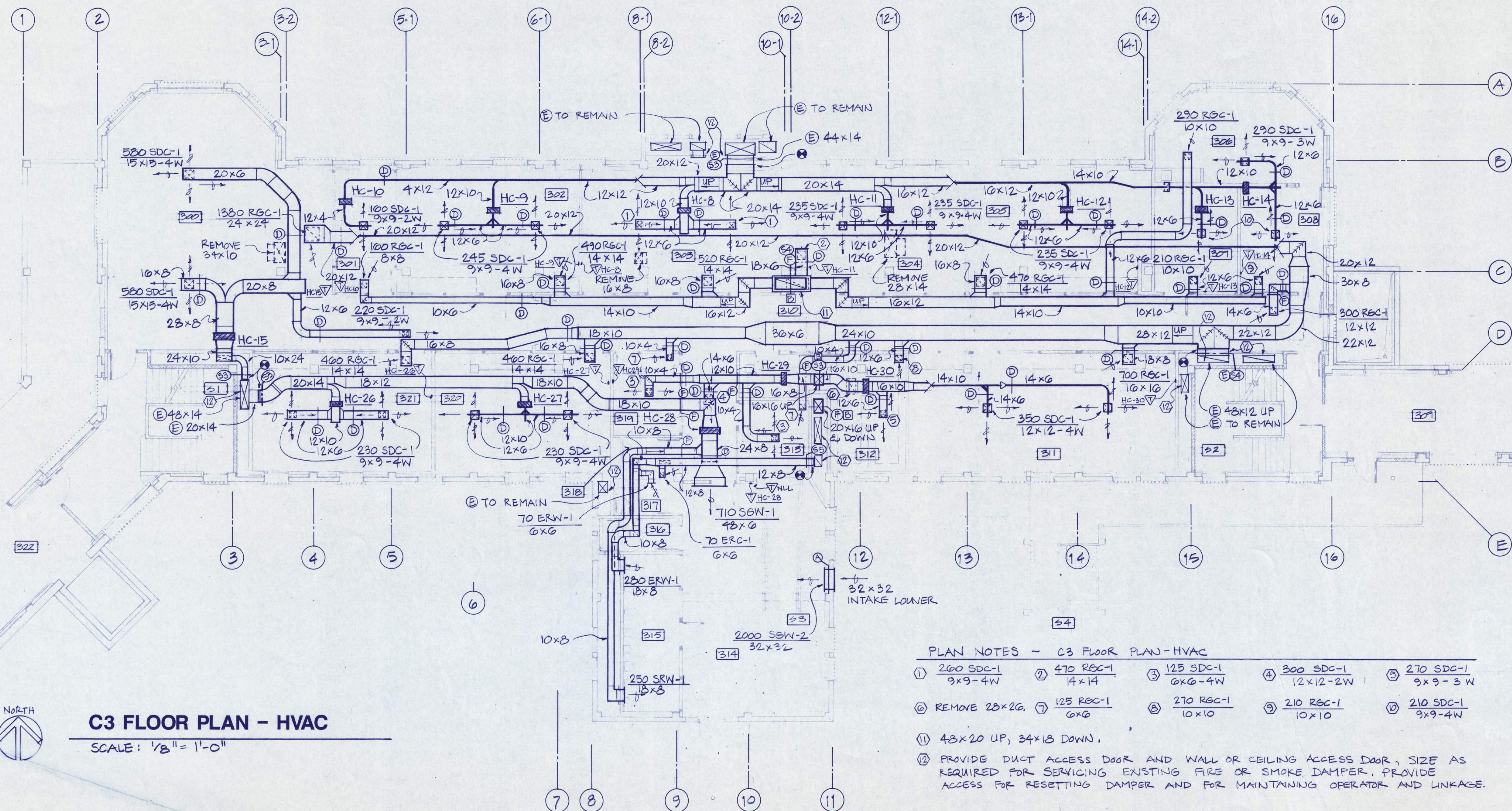
NOTE: These examples are intended to show the level of detail required in the fire damper manufacturer's printed installation instructions. It is the Contractor's responsibility to obtain complete instructions for each particular manufacturer and wall type. These instructions must be included with the fire damper shop drawings submittal.

2 EXAMPLES OF FIRE DAMPER INSTALLATION DETAILS
 NO SCALE

1 SECURITY BARS
 1/2" = 1'-0"

GENERAL MECHANICAL NOTES:

1. Provide security bars at each duct through floor, except 6" and 7" round ducts. See detail 1/M2.
2. Provide a fire damper at each duct through floor. See detail 2/M2.
3. Provide duct access door and wall or ceiling access door for each new and each existing fire damper, smoke damper, and combination fire / smoke damper. All existing ducts through floors have fire dampers.
4. Duct sizes shown on drawings represent net inside dimensions, measured to inside face of liner.
5. See sheet M1 for symbols legend.
6. See sheet M8 for heating coil schedule and details.



C3 FLOOR PLAN - HVAC
 SCALE: 1/8" = 1'-0"

- PLAN NOTES - C3 FLOOR PLAN - HVAC**
- | | | | | |
|-----------------------|----------------------|-----------------------|-------------------------|-----------------------|
| ① 260 SDC-1
9x9-4W | ② 470 RGC-1
14x14 | ③ 125 SDC-1
6x6-4W | ④ 300 SDC-1
12x12-2W | ⑤ 270 SDC-1
9x9-3W |
| ⑥ REMOVE 28x28 | ⑦ 125 RGC-1
6x6 | ⑧ 270 RGC-1
10x10 | ⑨ 210 RGC-1
10x10 | ⑩ 210 SDC-1
9x9-4W |
- ⑪ 48x20 UP, 34x13 DOWN.
 ⑫ PROVIDE DUCT ACCESS DOOR AND WALL OR CEILING ACCESS DOOR, SIZE AS REQUIRED FOR SERVICING EXISTING FIRE OR SMOKE DAMPER. PROVIDE ACCESS FOR RESETTING DAMPER AND FOR MAINTAINING OPERATOR AND LINKAGE.

M-Z
 M-1
 E-G
 E-6
 M-2



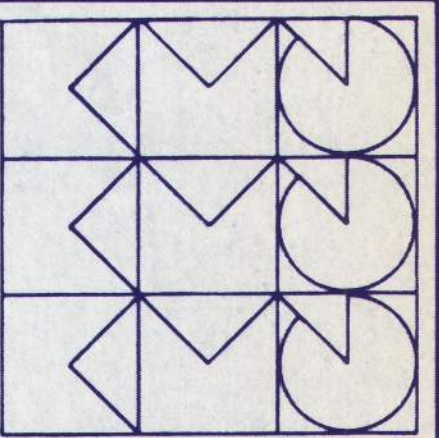
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M2



GENERAL MECHANICAL NOTES:

1. Provide security bars at each duct through floor, except 6" and 7" round ducts. See detail 1/M2.
2. Provide a fire damper at each duct through floor. See detail 2/M2.
3. Provide duct access door and wall or ceiling access door for each new and each existing fire damper, smoke damper, and combination fire / smoke damper. All existing ducts through floors have fire dampers.
4. Duct sizes shown on drawings represent net inside dimensions, measured to inside face of liner.
5. See sheet M1 for symbols legend.
6. See sheet M8 for heating coil schedule and details.
7. Ceilings are fixed, non-accessible. Provide a remote damper operator for each manual damper located above a ceiling.

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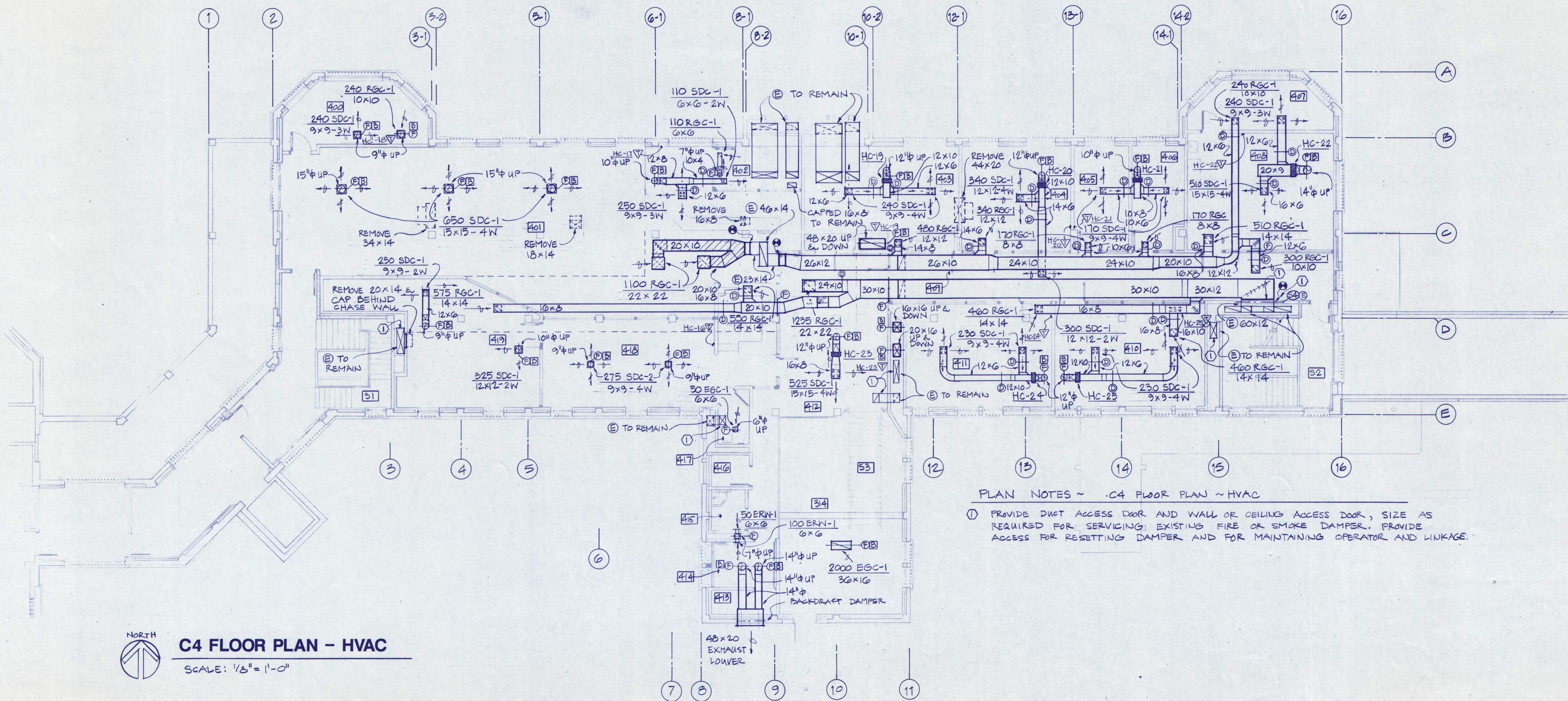
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PLUMBING FIXTURE SCHEDULE

CODE	FIXTURE	CONNECTION				MANUFACTURER	MODEL NO.	DESCRIPTION AND FITTINGS
		W	V	HW	CW			
WC-1	WATER CLOSET	4	2		1	KOHLER KINGSTON	K-4430-ET	WALL MOUNTED, TOP SPUD, VITREOUS CHINA (WHITE), ELONGATED BOWL, SIFON W/ SLOAN ROYAL #110-3 FLUSH VALVE W/ SOLID RING PIPE SUPPORT. OLSONITE 1000 WHITE SEAT, COMMERCIAL CARRIER.
WC-2	WATER CLOSET	4	2		1	ACORN	1675	STAINLESS STEEL WALL MOUNT WITH INTEGRAL SEAT, SLOAN ROYAL #111 FLUSH VALVE, WALL SLEEVE AND 4" NO HUB COUPLING WASTE KIT W/ CLEAN OUT.
WC-3	WATER CLOSET	4	2		1	KOHLER KINGSTON	K-2032	SAME AS WC-1 SET AT HANDICAPPED HEIGHT.
WC-4	WATER CLOSET	4	2		1	ACORN	1675	SAME AS WC-2 SET AT HANDICAPPED HEIGHT.
L-1	LAVATORY	1-1/4	1-1/4	1/2	1/2	KOHLER	K-2032	GREENWICH VITREOUS CHINA WALL MOUNT 20X18 WITH 4" FAUCET CENTERS, CHICAGO #202A-335 C.P. FAUCET AND #327 GRID STRAINER, VANDALPROOF (4 GPM SPOUT).
L-2	LAVATORY	1-1/4	1-1/4	1/2	1/2	ACORN	1652	BARRIER FREE STAINLESS STEEL, SLOAN ROYAL #62 FLUSH VALVE, VALVE ANCHORING PLATE, WALL SLEEVE AND THRU-WALL EXTENSION, P-TRAP WITH CLEANOUT.
L-3	LAVATORY	1-1/4	1-1/4	1/2	1/2	KOHLER	K-2032	SAME AS L-1 SET AT HANDICAPPED HEIGHT, INSULATE TRAP AND HOT WATER PIPING.
L-4	LAVATORY	1-1/4	1-1/4	1/2	1/2	ACORN	1652	SAME AS L-2 SET AT HANDICAPPED HEIGHT.
U-1	URINAL	2	1-1/2		3/4	KOHLER	K-4960-T	WALL MOUNT, TOP SPUD, VITREOUS CHINA, WASHOUT WITH SLOAN ROYAL #186 FLUSH VALVE W/SOLID RING PIPE SUPPORT. COMMERCIAL CARRIER.
U-2	URINAL	2	1-1/2		3/4	ACORN	1702	WALL MOUNTED, BACK SUPPLY STAINLESS STEEL, SLOAN ROYAL #113 FLUSH VALVE, WALL SLEEVE AND THRU-WALL WASTE CONNECTION W/CLEANOUT.
S-1	SINK	1-1/4	1-1/4	1/2	1/2	ELKAY	EWS-2520	25X20 14 GA. 304 S.S. WALL MOUNT CHICAGO #540 LD FAUCET W/459 LEVER HANDLES. #LK-8 C.P. DRAIN W/GRID STRAINER.
SS-1	SERVICE SINK	3	2	1/2	1/2	KOHLER	K-6710	WHITBY SERVICE SINK, 28X28 ENAMELED CAST IRON WITH S.S. SINK GUARD. CHICAGO #518-B VPC VANDALPROOF, CHROME PLATED FAUCET.
DF-1	DRINKING FOUNTAIN	1-1/4	1-1/4		1/2	ELKAY	LHFE-8	WALL-MOUNTED WATER COOLER. STEEL CABINET W/STAINLESS STEEL TOP, CHROME-PLATED BUBBLER. STANDARD FINISH, 7.6 GPM, 390 WATTS, 4.8 AMPS AT 120V.
FD-1	FLOOR DRAIN					JAY R. SMITH	2005-B	DURA-COATED CAST IRON BODY, BOTTOM OUTLET, ADJUSTABLE TYPE 6 NICKEL BRONZE STRAINERS, V.P. SCREWS, PRIMING TAP. NOTE: PROTECT V.P. SCREW HOLES FROM BEING PLUGGED DURING CONST.

PLAN NOTES C2 FLOOR PLAN PLUMBING

- RUN PIPING IN CHASE.
- WASTE PIPING ABOVE FINISHED CEILING OR @ BOTTOM OF STRUCTURE.
- 1/2" CW and 1/2" T WITH SHUT OFF VALVES ABOVE CEILING, SEE NOTE 10.
- REMOVE FIRE SPRINKLER BRANCHES and REPIPE TO SERVE NEW FLOOR PLAN. TYPICAL FOR THE ENTIRE FLOOR.
- INDICATES SUPPLY DUCT TIGHT TO WALL.
- EXISTING FIRE SPRINKLER RISER OR MAINS TO REMAIN. VERIFY ALL SIZES and REPLACE IF PIPE SIZE IS TOO SMALL.
- VALVE and CAP 2" CW and 1/2" T FOR FUTURE.
- 2" CW, 2" T FROM FIRST FLOOR. 1" HW UP and DOWN.
- 2" W, 1/2" T and CW UP TO FUTURE ABOVE.
- 24x24 ACCESS DOOR IN CEILING FOR ACCESS TO EQUIPM'T. DOOR TO BE CENTERED ON OR IN BETWEEN BREAKS IN CEILING PANELS.
- 2" CW and 3/4" T WITH SHUT OFF VALVES ABOVE CEILING, SEE NOTE 10.
- NEW 5'x6' ACCESS DOOR IN CEILING FOR ACCESS TO EXISTING FAN, PIPING, AND DAMPER. VERIFY SIZE REQ'D.

GENERAL MECHANICAL NOTES:

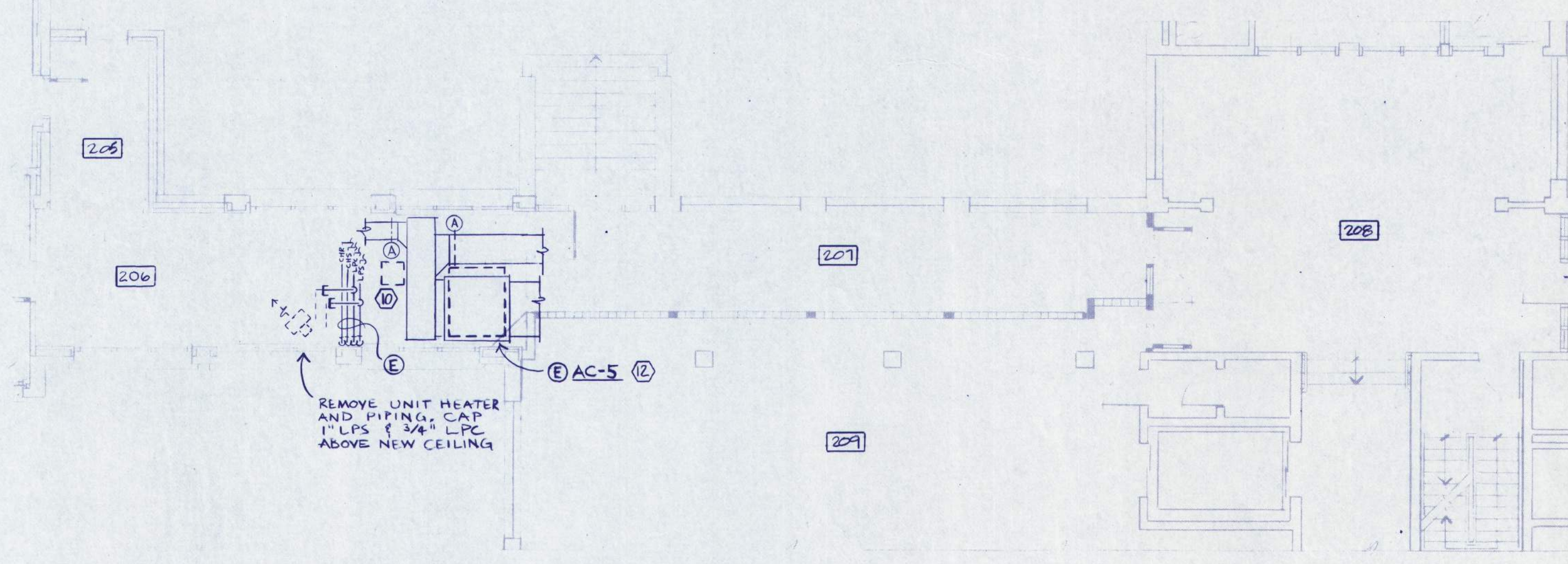
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- See sheet M8 for heating coil schedule and details.
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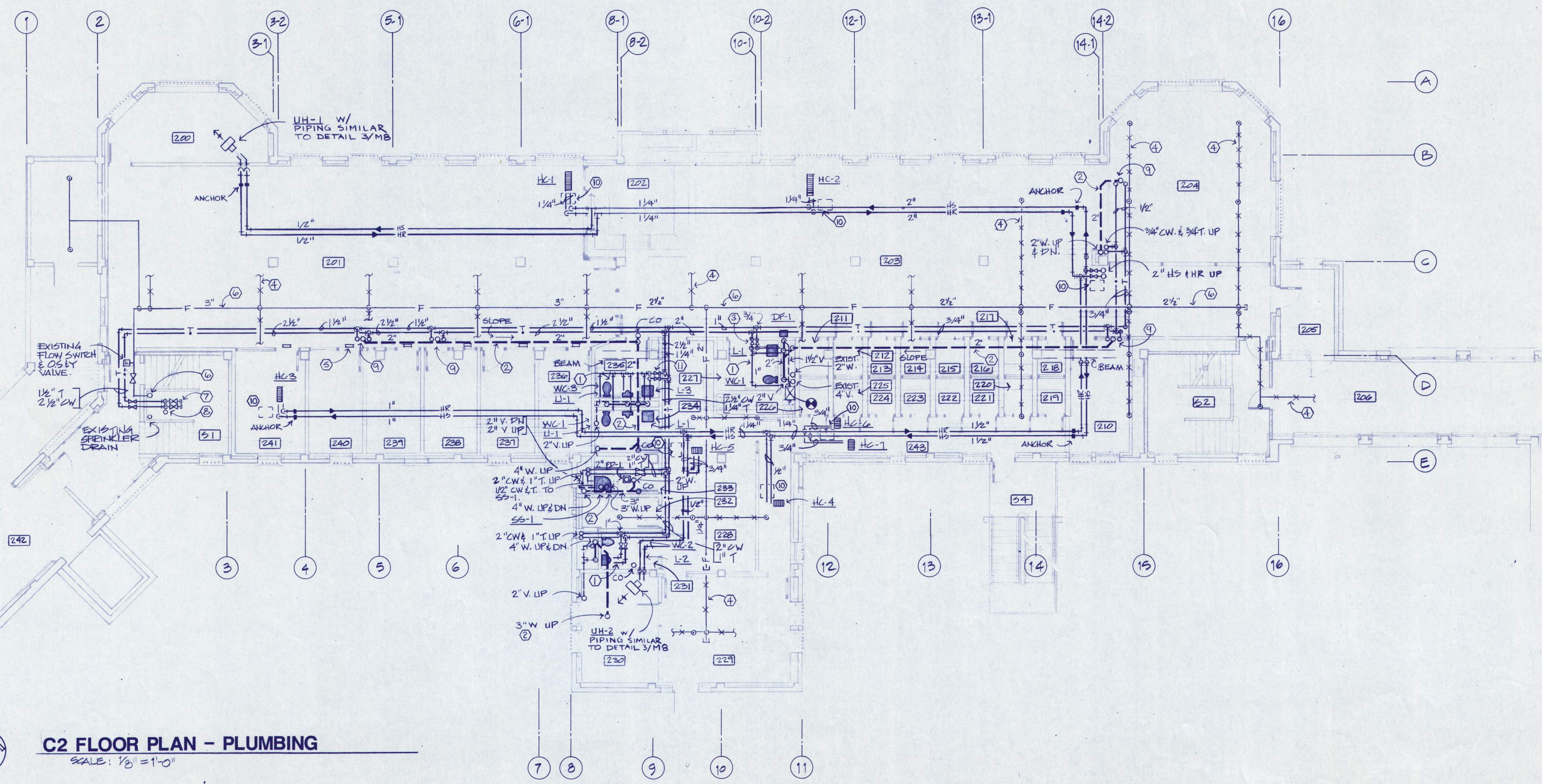
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C2 - D2 HALL AND VISITORS ENTRY PARTIAL PLAN - PLUMBING

1/8" = 1'-0"



C2 FLOOR PLAN - PLUMBING

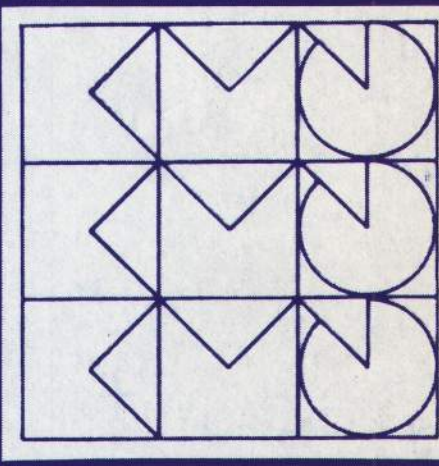
SCALE: 1/8" = 1'-0"

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M6



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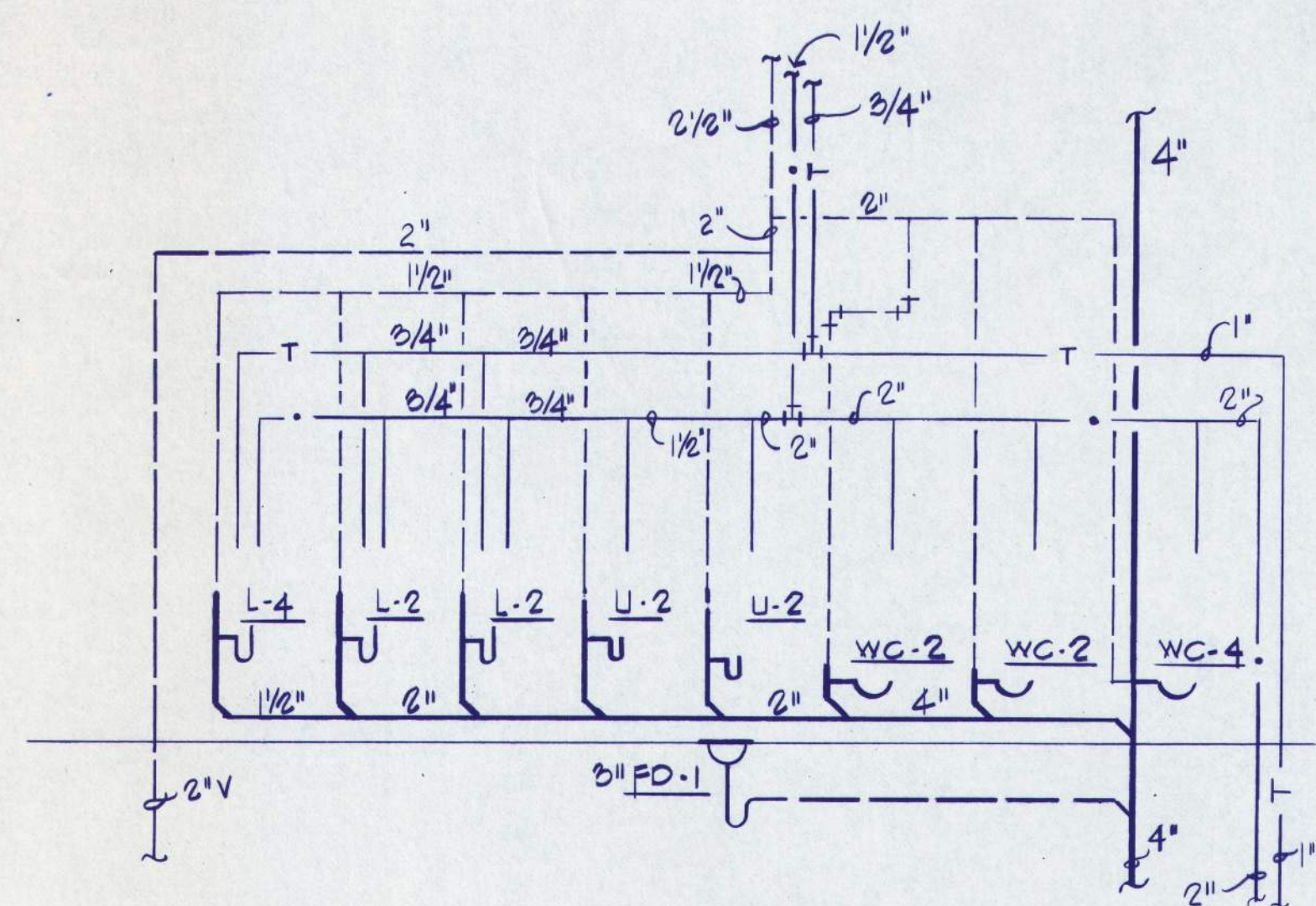
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PLAN NOTES - C3 FLOOR PLAN PLUMBING

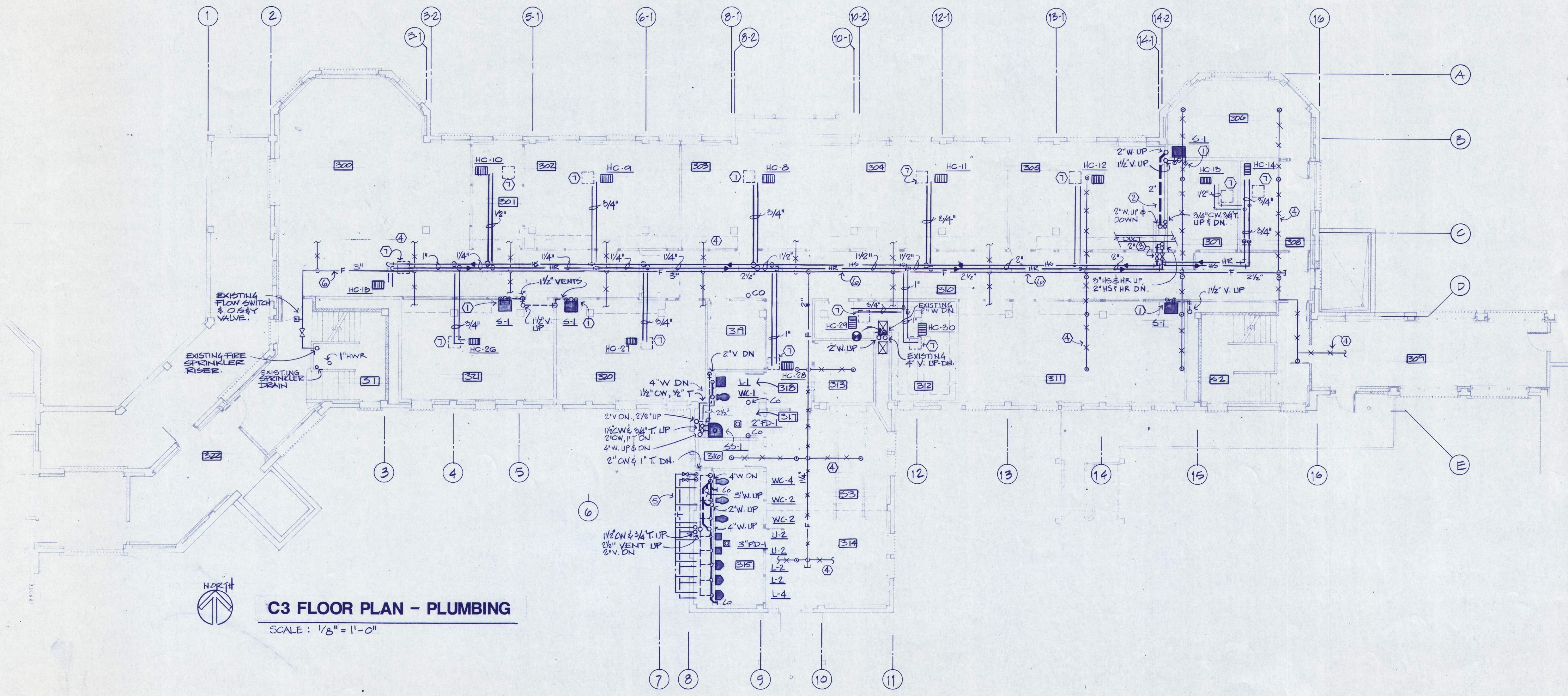
- ① 1/2" CW & T IN WALL FROM BELOW. PROVIDE SHUT OFF VALVES WITH ACCESS DOOR LOCATED BELOW SINK.
- ② WASTE PIPING ABOVE FINISHED CEILING OR @ BOTTOM OF STRUCTURE.
- ③ SHUT OFF VALVES ABOVE CEILING. PROVIDE ACCESS DOOR, SEE NOTE 1.
- ④ REMOVE FIRE SPRINKLER BRANCHES & REPIPE TO SERVE NEW FLOOR PLAN. TYPICAL FOR THE ENTIRE FLOOR.
- ⑤ RUN PIPING IN CHASE, SEE DIAGRAM 1/17 FOR PIPE SIZES.
- ⑥ EXISTING FIRE SPRINKLER RISERS OR MAINS TO REMAIN. VERIFY ALL SIZES & REPLACE IF PIPE SIZE IS TOO SMALL.
- ⑦ 24x24 ACCESS DOOR IN CEILING FOR ACCESS TO VALVES. LOCATE ACCESS DOOR CENTERED ON OR BETWEEN BREAKS IN CEILING PANELS.

GENERAL MECHANICAL NOTES:

1. Provide security bars at each duct through floor, except 6" and 7" round ducts. See detail 1/M2.
2. Provide a fire damper at each duct through floor. See detail 2/M2.
3. Provide duct access door and wall or ceiling access door for each new and each existing fire damper, smoke damper, and combination fire / smoke damper. All existing ducts through floors have fire dampers.
4. Duct sizes shown on drawings represent net inside dimensions, measured to inside face of liner.
5. See sheet M1 for symbols legend.
6. See sheet M8 for heating coil schedule and details.



1 PLUMBING DIAGRAM - INMATE TOILET 315
NO SCALE



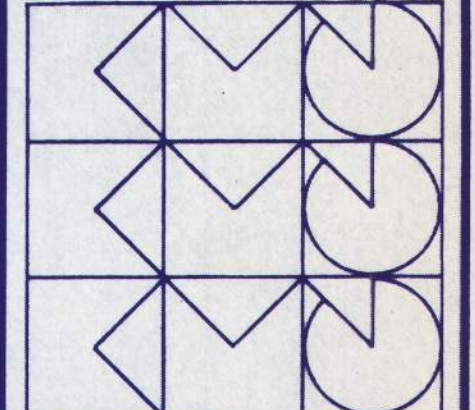
C3 FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

M-2	M-7	E-3	E-6

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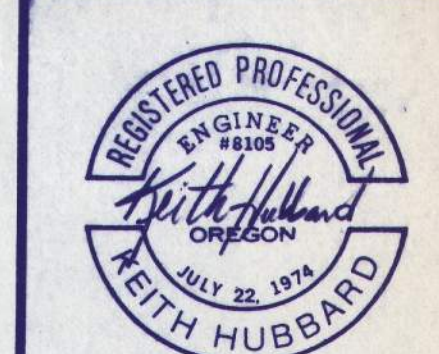
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M7



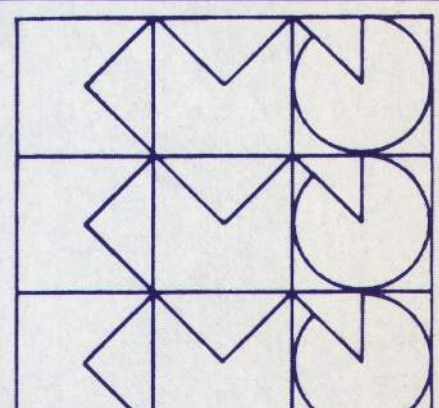
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M8

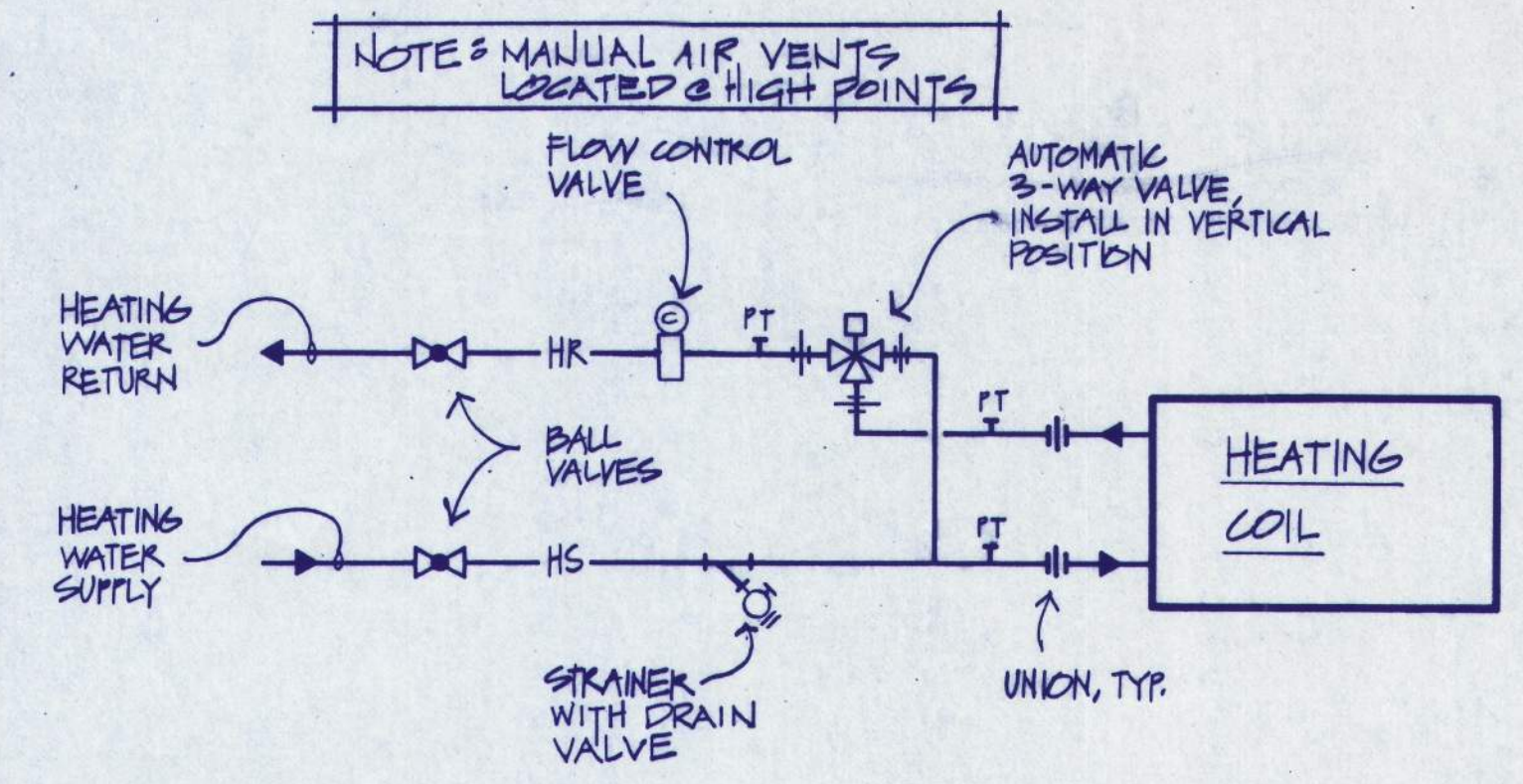
HEATING COIL SCHEDULE

SYMBOL	LOCATION	AREA SERVED	AIR FLOW (CFM)	APPROX. SIZE	HEATING CAPACITY (MBH)	WATER FLOW (GPM)	SYMBOL	LOCATION	AREA SERVED	AIR FLOW (CFM)	APPROX. SIZE	HEATING CAPACITY (MBH)	WATER FLOW (GPM)
HC-1	VISITING 201	VISITING	2190	18X24	96	9.6	HC-16	ATTIC	LAW STACKS 419 LAW LIBRARY 418	1125	12X24	49	4.9
HC-2	VISITING 203	SECOND FLOOR NORTHEAST	9050	18X32	133	13.3	HC-17	ATTIC	GEN. LIBRARY 401	2310	18X28	101	10.1
HC-3	INTERVIEW 241	SECOND FLOOR SOUTHWEST	1170	12X20	47	4.7	HC-18	ATTIC	OFFICE 400	240	9X12	11	1.1
HC-4	HALL 243	INMATE ENTRY 228	310	9X12	14	1.4	HC-19	CLASSROOM 403	CLASSROOM	480	9X12	21	2.1
HC-5	HALL 243	SHAKEDOWN 228	450	9X12	20	2.0	HC-20	CLASSROOM 404	CLASSROOM	640	9X16	28	2.8
HC-6	HALL 243	HALL 243	640	12X12	28	2.8	HC-21	OFFICE 405	OFFICES 405, 406	340	9X12	15	1.5
HC-7	HALL 243	SECURE VISITS	520	9X12	23	2.3	HC-22	CLASSROOM 408	STORAGE CLASSROOM 408	750	9X20	33	3.3
HC-8	CLASSROOM 303	CLASSROOM 303	520	9X12	23	2.3	HC-23	BALCONY 412	BALCONY 412	525	9X12	23	2.3
HC-9	CLASSROOM 302	CLASSROOM 302	490	9X12	21	2.1	HC-24	CLASSROOM 411	CLASSROOM 411	480	9X12	20	2.0
HC-10	OFFICE 301	OFFICE 301	160	9X12	7	0.7	HC-25	CLASSROOM 410	CLASSROOM 410	480	9X12	20	2.0
HC-11	CLASSROOM 304	CLASSROOM 304	470	9X12	20	2.0	HC-26	CLASSROOM 321	CLASSROOM 321	460	9X12	20	2.0
HC-12	CLASSROOM 305	CLASSROOM 305	470	9X12	20	2.0	HC-27	CLASSROOM 320	CLASSROOM 320	460	9X12	20	2.0
HC-13	OFFICE 307	OFFICE 307	210	9X12	10	1.0	HC-28	CORRIDOR 310	GUARD 314	960	12X20	42	4.2
HC-14	OFFICE 308	STAFF OFFICE 308	500	9X12	22	2.2	HC-29	BOOK 312	OFFICE 319	550	9X12	24	2.4
HC-15	CLASSROOM 300	CLASSROOM 300	1380	12X28	60	6.0	HC-30	BOOK 312	CLASS BOOK 312	970	12X20	42	4.2

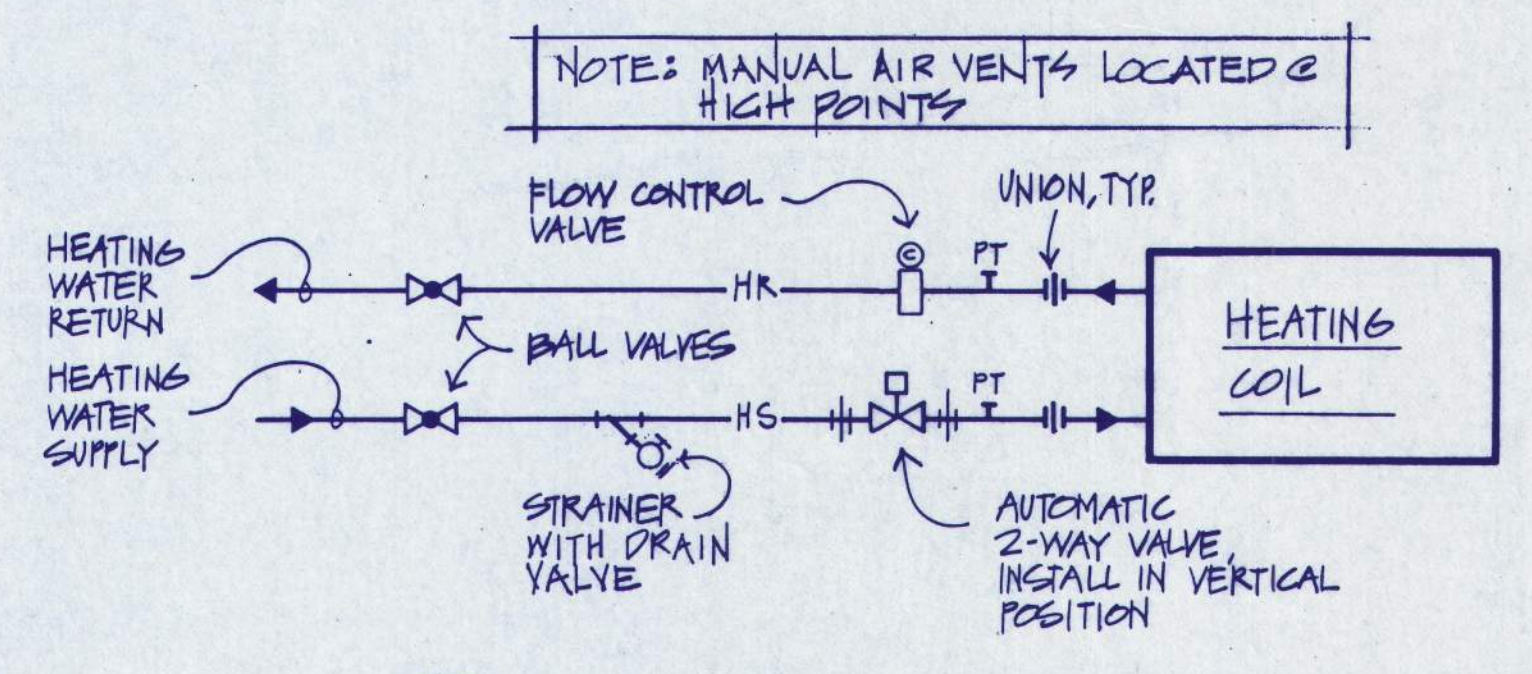
GENERAL NOTES:

(1) ALL COILS WITH: 55°F ENTERING AIR
85°F LEAVING AIR
200°F ENTERING WATER
180°F LEAVING WATER
0.25 IN. MAX. AIR PRESSURE DROP
5 FT. MAXIMUM WATER PRESSURE DROP
0.0005 FOULING FACTOR
10 FINS PER INCH MAXIMUM

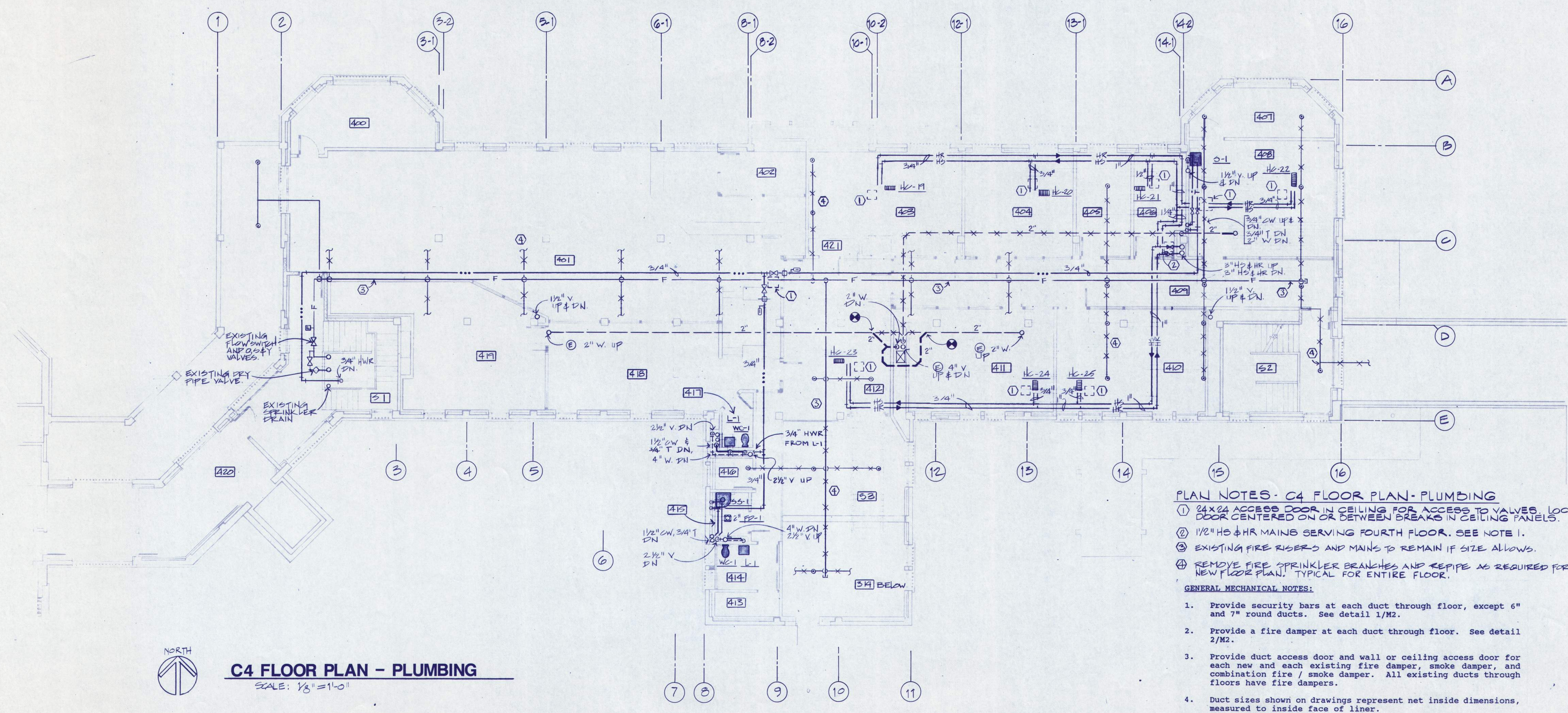
(2) ALL COILS TO HAVE MODULATING TWO-WAY VALVES EXCEPT HC-1, HC-3, HC-15, HC-16, HC-19, AND HC-23 WHICH ARE TO HAVE MODULATING THREE-WAY VALVES. SEE COIL PIPING DETAILS 1/M8 AND 2/M8.



2 HEATING COIL PIPING
NO SCALE



3 HEATING COIL PIPING
NO SCALE



PLAN NOTES - C4 FLOOR PLAN - PLUMBING

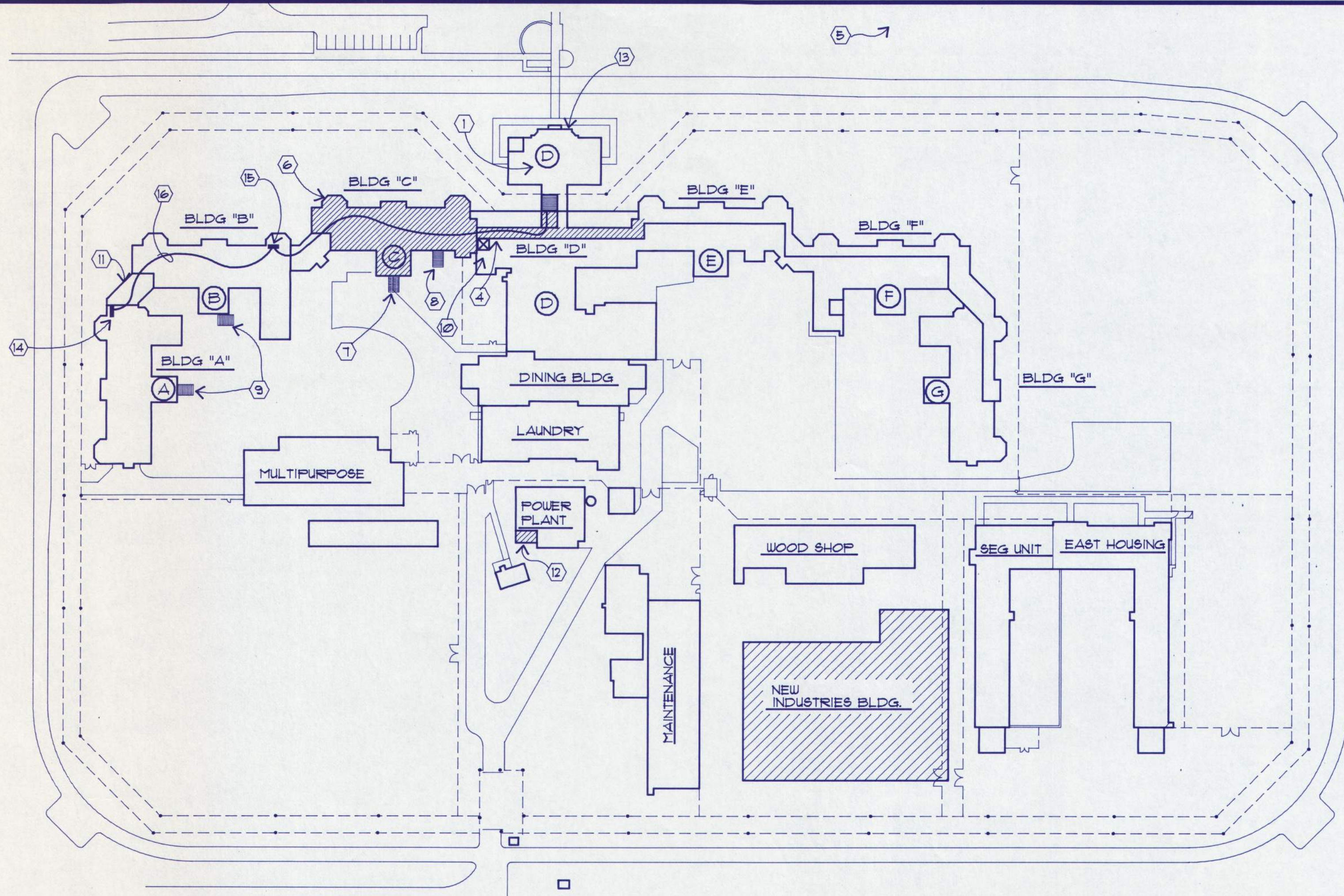
- 24" X 24" ACCESS DOOR IN CEILING FOR ACCESS TO VALVES. LOCATE DOOR CENTERED ON OR BETWEEN BREAKS IN CEILING PANELS.
- 1/2" HS & HR MAINS SERVING FOURTH FLOOR. SEE NOTE 1.
- EXISTING FIRE RISERS AND MAINS TO REMAIN IF SIZE ALLOWS.
- REMOVE FIRE SPRINKLER BRANCHES AND REPIPE AS REQUIRED FOR NEW FLOOR PLAN. TYPICAL FOR ENTIRE FLOOR.

GENERAL MECHANICAL NOTES:

- Provide security bars at each duct through floor, except 6" and 7" round ducts. See detail 1/M2.
- Provide a fire damper at each duct through floor. See detail 2/M2.
- Provide duct access door and wall or ceiling access door for each new and each existing fire damper, smoke damper, and combination fire / smoke damper. All existing ducts through floors have fire dampers.
- Duct sizes shown on drawings represent net inside dimensions, measured to inside face of liner.
- See sheet M1 for symbols legend.
- See sheet M8 for heating coil schedule and details.

C4 FLOOR PLAN - PLUMBING
SCALE: 1/8" = 1'-0"

M-3
M-8
E-4
E-1
M-8



SITE REFERENCE PLAN-ELECTRICAL
 1"=100'-0"
 NORTH

SITE REFERENCE PLAN NOTES

- ① THIS PLAN KEYS IN SPECIFIC AREAS OF THE INSTITUTE WHERE ELECTRICAL WORK IS TO OCCUR IN THIS PHASE OF CONSTRUCTION. SEE LARGER SCALE PLANS ON FOLLOWING SHEETS FOR ADDITIONAL INFORMATION.
- ① NORTH ADMINISTRATION OFFICE AREA REFERRED TO AS 'BLDG 'D' NORTH'. LETTER WITHIN CIRCLE IS BUILDING DESIGNATOR.
- ② CENTRAL CONTROL ROOM ('CCR'), BLDG 'D2', MIDDLE, 2ND FLOOR. MAIN CONTROL POINT FOR INSTITUTE.
- ③ COMMUNICATIONS ELECTRONICS ROOM ('CER'), BLDG 'D1', MIDDLE, 1ST FLOOR. INSTITUTE ELECTRONICS CENTER, BELOW 'CCR'.
- ④ BLDG 'D1' MAIN CORRIDOR WITH CABLE TRAY LINK TO BLDG 'C'.
- ⑤ AREA TO NORTH OF BLDG 'F' IS EMPLOYEE PARKING WHERE (N) LIGHTING WORK IS REQUIRED UNDER BASIC BID. SEE SHEET E8 FOR ENLARGED PLAN, DETAILS.
- ⑥ AREA OF MAJOR BUILDING REMODEL, FLOORS 'C2', 'C3', 'C4' WITH MINOR RELATED WORK AT 'C1' AND ATTIC. ALL BASIC BID WORK.
- ⑦ (E) OUTSIDE STEEL STAIR TO REMAIN.
- ⑧ (N) OUTSIDE STEEL STAIR, BASIC BID.
- ⑨ SAME AS NOTE 8, EXCEPT, ALT. NO. 1 WORK.
- ⑩ MAIN ELECTRICAL EQUIPMENT ROOM, BLDG 'C1', SERVING BLDG'S 'A', 'B', AND 'C', WITH (E) 250KW EMERGENCY GENERATOR.
- ⑪ MAJOR BUILDING INTERCONNECTING CORRIDORS ('ALLEY'), ALL FLOORS.
- ⑫ ADD INDICATOR LIGHTS TO (E) TRANSFER SWITCH IN POWER HOUSE UNDER BASIC BID. SEE SHEET E7.
- ⑬ (E) TELEPHONE TERMINAL BOARD IN TELEPHONE EQUIPMENT ROOM.
- ⑭ APPROX. LOCATION (E) PANEL 'A1EM' AND 'CTB' AT 1ST FLOOR, AND 'CTB'S' AT ALL (4) FLOORS.
- ⑮ APPROX. LOCATION (E) PANEL 'B1EM' AT FIRST FLOOR, AND 'CTB'S' AT ALL (4) FLOORS.
- ⑯ AT ALT. NO. 1, PROVIDE (4) 5 CONDUCTOR CABLES FOR DOOR CONTROL FROM 'CCR' TO BLDG. 'A' DOORS AND (4) CABLES FOR BLDG. 'B' DOORS. RUN IN ATTIC SPACE IN (N) 1 1/2" EMT DUCT; PULLBOXES AS REQUIRED.

GENERAL NOTES

- A. LOCATIONS SHOWN FOR EXISTING AND NEW ELECTRICAL EQUIPMENT ON THE ACCOMPANYING PLANS ARE APPROXIMATE. ALL FINAL LOCATIONS ARE TO BE FIELD VERIFIED AND ADJUSTED AS REQUIRED PRIOR TO ACTUAL INSTALLATION. COORDINATE ALL CONSTRUCTION WITH ARCHITECT AND OTHER TRADES.
- B. THE LOCATION OF EXISTING WIRING SYSTEMS SHOWN ON PLANS IS BASED ON VISUAL VERIFICATION OF GENERAL LOCATIONS IN THE FIELD. FIELD VERIFY ALL EXISTING CONDITIONS AFFECTING NEW ELECTRICAL WORK PRIOR TO BID DATE.
- C. THE WORD "PROVIDE" WHEN USED ALONE ON THESE ELECTRICAL PLANS IS INTENDED TO MEAN THAT THE ELECTRICAL SUBCONTRACTOR IS TO FURNISH AND INSTALL THE RELATED WORK DESCRIBED.
- D. ALL (N) SPARE UNDERGROUND DUCT STUBS SHOWN ON SITE PLANS SHALL BE MARKED AT BOTH ENDS WITH DRIVEN PIPE MONUMENT FOR EASY LOCATION.
- E. INTERMEDIATE METALLIC CONDUIT ('IMC') MAY BE USED WHEREVER 'GRS' IS CALLED FOR IN DRY LOCATIONS INSIDE BUILDINGS.
- F. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION ALL CEILING MOUNTED LIGHT FIXTURES.
- G. REFER TO PROJECT REQUIREMENTS SECTION OF SPECIFICATIONS FOR LOCATIONS OF BUILDING AREAS WHERE WORK MUST BE PERFORMED DURING DESIGNATED TIME PERIODS SUCH AS THE CENTRAL CONTROL ROOM.
- H. MINOR AMOUNT OF EXISTING BRANCH CIRCUIT CONDUIT (GRS) REMAINS SUBJECT TO OWNER'S INTERIOR DEMOLITION AT ALL FLOOR LEVELS. REUSE IF SERVICEABLE, REMOVE IF NOT.
- I. GENERAL DESCRIPTIONS OF NEW CEILING SYSTEM HAVE BEEN NOTED ON ELECTRICAL FLOOR PLAN DRAWINGS FOR CONTRACTOR'S CONVENIENCE. ARCHITECT'S SIMILAR INFORMATION ON BUILDING REFLECTED CEILING PLANS ARE MORE ACCURATE AND SHALL GOVERN SHOULD CONFLICTS OCCUR. REVIEW ARCHITECT'S CEILING PLANS THOROUGHLY PRIOR TO CONDUIT ROUGH-IN.
- J. THE TERM "WIRING" AS USED ON DRAWINGS INCLUDES BOTH THE RACEWAY AND CONDUCTORS WITHIN.
- K. BACK TO BACK OUTLET BOXES IN COMMON WALLS WILL NOT BE PERMITTED ON THIS PROJECT. OFFSET AT LEAST 12" OR ONE STUD SPACE IN HOLLOW WALLS, U.O.N.
- L. PROVIDE WIRING REQUIRED BUT NOT NECESSARILY SHOWN ON PLANS FOR DEVICES OF THE FOLLOWING SYSTEMS.
 - 1. FIRE ALARM SYSTEM.
 - 2. SMOKE CONTROL DAMPER AND MECHANICAL SHUT DOWN SYSTEM.
 - 3. INTERROOM SYSTEMS.
 - 4. DOOR CONTROL SYSTEM.
 - 5. TELEPHONE SYSTEM.

- M. WHEN ADDING CIRCUIT BREAKERS TO (E) PANEL BOARDS, MATCH EXISTING FOR MANUFACTURER AND FAULT CURRENT RATING.
- N. USE ADHESIVE BACKED LABELS OR STENCIL TYPE BLOCK LETTERING WITH PAINT OR INDELIBLE INK FOR PULL BOX, J-BOX AND FEEDER DUCT DESIGNATORS AS CALLED FOR ON DRAWINGS. OBJECTIVE IS TO EASILY READ FROM FLOOR BELOW. MARK BOX COVERS IN AREAS TO BE INMATE PAINTED (STAIRS, ETC.) AFTER PAINTING IS DONE.
- O. USE JUMBO SIZE OUTLET BOX COVERPLATES FOR ALL FLUSH OUTLETS THIS PROJECT (SWITCHES, RECEPTACLES, RADIO, ETC.).
- P. MOST OF THE AREA MASONRY WALLS ARE TO BE FILLED WITH CONCRETE, FLOOR TO CEILING. INSURE ALL OUTLET BOXES ARE INSTALLED LEVEL AND FLUSH WITH WALL SURFACE. IF MASONS DO THIS WORK OUT OF COURTESY FOR THE ELECTRICAL CONTRACTOR, SUPERVISE EACH BOX INSTALLATION.
- Q. PROVIDE 'GRS' ELBOWS ON ALL UNDERGROUND/UNDERSLAB DUCT RUNS (LIGHTING, POWER, COMMUNICATIONS DUCTS).
- R. CONCEAL ALL WIRING THIS PROJECT EXCEPT IN UTILITY CORRIDORS, ELECTRICAL OR MECHANICAL EQUIPMENT ROOMS, OR AS NOTED ON DRAWINGS.
- S. EXCEPT IN MECHANICAL/ELECTRICAL OR ATTIC ROOMS, USE ALLEN HEAD CENTER PIN TYPE TAMPERPROOF SCREWS FOR ALL OUTLET BOXES.
- T. EACH OF THE SWINGING DOORS SHOWN ON FLOOR PLANS AS BEING CONTROLLED AND/OR MONITORED ARE TO BE SO CONNECTED AND DRIVEN BY PROGRAMMABLE CONTROL UNITS (PC'S). SEE SPECIFICATIONS.
- U. CONTRACTOR IS TO PROVIDE (FURNISH AND INSTALL) ALL ELECTRICAL DISTRIBUTION EQUIPMENT (SUB-DISTRIBUTION) ADDITIONS TO ASSEMBLIES AND COMPLETE PANELBOARDS IDENTIFIED AS NEW (N) ON THESE DRAWINGS.
- V. ABBREVIATIONS

(COMMON TO ELECTRICAL PLAN SHEETS AND SPECIFICATIONS)

- (E) EXISTING TO REMAIN
- (R) REMOVE
- (N) NEW
- (RL) RELOCATE
- U.O.N. UNLESS OTHERWISE NOTED
- C.A.R. CONNECT AS REQUIRED
- *PTRI* PRIOR TO ROUGH IN
- *EOCI* EASTERN OREGON CORRECTIONAL INSTITUTE
- *AFF* ABOVE FINISHED FLOOR
- *CCR* CENTRAL CONTROL ROOM (BUILDING 'D', NORTH)
- *CCER* CENTRAL CONTROL ELECTRONICS ROOM (BELOW 'CCR')
- *GRS* GALVANIZED RIGID STEEL
- *EMT* ELECTRICAL METALLIC TUBING
- *CO* CONDUIT ONLY WITH PULL CORD
- *GRD* EQUIPMENT GROUNDING CONDUCTOR
- *MDA* MAIN DISTRIBUTION ASSEMBLY
- *SDA* SUB-DISTRIBUTION ASSEMBLY
- *EER* ELECTRICAL EQUIPMENT ROOM
- *US-4* UNIT SUB-STATION NO. 4
- *OLD* ONE LINE DIAGRAM
- *FACP* FIRE ALARM CONTROL PANEL
- *PAS* PUBLIC ADDRESS SYSTEM
- *LCS2E* LIGHTING CONTROL STATION, 2ND FLOOR, EAST - TYPICAL NOMENCLATURE
- *OS* OFFICERS STATION
- *CTB* COMMUNICATIONS TERMINAL BOARD
- *FATC* FIRE ALARM TERMINAL CABINET
- *LVCP* LOW VOLTAGE CONTROL (RELAY) PANEL.

ELECTRICAL SYMBOLS

- (E) INDICATES EXISTING DEVICE TO REMAIN.
- (R) INDICATES EXISTING DEVICE TO BE REMOVED.
- (RL) INDICATES EXISTING DEVICE TO BE RELOCATED.
- FLUORESCENT FIXTURE, CODE LETTER SHOWN.
- FLUORESCENT STRIP LIGHT, CODE LETTER SHOWN.
- LIGHT OUTLET, SURFACE, CODE LETTER SHOWN.
- LIGHT OUTLET, BRACKET, CODE LETTER SHOWN.
- LIGHT OUTLET, RECESSED, CODE LETTER SHOWN.
- LIGHT OUTLET CONNECTED ON EMERGENCY CIRCUIT.
- LIGHT OUTLET, POLE MOUNTED, CODE LETTER SHOWN.
- LIGHTING CONTROL DIMMER SWITCH.
- SWITCH, SINGLE POLE. PROVIDE KEY OPERATED TYPE WHERE NOTED ON DRAWINGS. LINE VOLTAGE TYPE, U.O.N.
- SWITCH, THREE WAY.
- LIGHT SWITCH IDENTIFIER FOR PANEL MOUNTED SWITCHES, LOW VOLTAGE TOGGLE TYPE.
- LIGHT SWITCH, LOCAL OVERRIDE, LOW VOLTAGE TOGGLE TYPE.
- 15 AMP - 125 V, DUPLEX RECEPTACLE, GROUNDING TYPE 18" AFF, U.O.N.
- DUPLEX RECEPTACLE, GROUND FAULT TYPE.
- 15 AMP - 125 V, DUPLEX RECEPTACLE CONNECTED TO EMERGENCY CIRCUIT.
- DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER OR UP AT HEIGHT AS NOTED.
- 15 AMP - 125 V, DOUBLE DUPLEX RECEPTACLE, GROUNDING TYPE.
- DUPLEX RECEPTACLE MOUNTED IN BOX WITH LIGHT SWITCH AND CONNECTED TO SAME CIRCUIT.
- DUPLEX RECEPTACLE, WEATHER PROOF, IN CAST FLUSH BOX, U.O.N., SEE SPECIFICATIONS.
- BUFFER OUTLET, TYPE AS NOTED.
- JUNCTION BOX WITH FLEX CONNECTION TO EQUIPMENT. *WP* INDICATES WEATHER PROOF BOX COVER.
- MAGNETIC STARTER OR CONTACTOR.
- DISCONNECT SWITCH.
- MOTOR OUTLET.
- EQUIPMENT CONNECTION.
- BRANCH PANEL.
- EMPTY CONDUIT, SIZE AS SHOWN.
- WIRING IN, OR ON, CEILING OR WALLS.
- WIRING RUN IN OR UNDER FLOOR.
- NUMBER OF CONDUCTORS IN CONDUIT, THREE SHOWN, *12 UNLESS OTHERWISE SHOWN. CONDUIT RUNS SHOWN WITHOUT HASHMARKS INDICATE TWO *12, U.O.N.
- HOMERUN TO PANEL.
- NO. 10 AWG WIRING IN CONDUIT.
- CONDUIT UP - CONDUIT DOWN.
- EXISTING WIRING.
- TELEPHONE HOME RUN, 3/4" C. WITH CABLE TO 'CTB', U.O.N.
- TELEPHONE OUTLET, 4" X 4" BOX WITH COVER AND QUICK CONNECTOR, WALL MOUNTED, UP 18" U.O.N.
- TELEPHONE OUTLET IN FLUSH FLOOR BOX, SEE SPECIFICATIONS. USE STEELCITY, CAT. NO. 671 BOX WITH P-67-3/4 PLUG AND P-67-F EDGE RING.
- COMPUTER OUTLET, 4" X 4" BOX WITH 3/4" CENTER HOLE IN COVER PLATE RUN 3/4" DUCT TO 'CTB' AND BETWEEN NEIGHBORING OUTLETS, OR SEPARATE 3/4" DUCT TO 'CTB'. MARK END *COMP-RM.NO.*
- SWINGING DOOR MONITORED AND CONTROLLED FROM CENTRAL CONTROL ROOM 'CCR'.
- SWINGING DOOR MONITORED ONLY AT 'CCR'
- SWINGING DOOR MONITORED AND CONTROLLED FROM BOX 'CCR' AND VISITING OFFICER'S STATION.
- ARCHITECTS DOOR DESIGNATOR FOR CONTROLLED AND MONITORED DOORS.
- ARCHITECTS ROOM DESIGNATOR.
- WALL INTERCOM CALL STATION, PROVIDE 2-1/2" PROVIDE 2-1/2" DEEP, 2 GANG, MASONRY BOX.
- INTERCOM SPEAKER, CEILING MOUNTED.
- FIRE ALARM KEYED MANUAL STATION.
- FIRE ALARM SMOKE DETECTOR, IONIZATION TYPE, U.O.N.
- FIRE ALARM SPRINKLER FLOW SWITCH.
- FIRE ALARM SPRINKLER SUPERVISORY VALVE TAMPER SWITCH.
- FIRE ALARM BELL.
- FIRE ALARM CHIME.
- FIRE ALARM HEAT/RATE OF RISE DETECTOR.
- CLOCK HANGER OUTLET, U.O.N. CENTER OUTLET BOX UP 8"-0" AFF UNLESS CEILING HEIGHT DICTATES LOWER ELEVATION.
- PLAN NOTE DESIGNATOR. SEE DESCRIPTION ON APPLICABLE DRAWING.
- EQUIPMENT CABINET, OR SWITCH PANEL.
- MAJOR AREA CEILING HEIGHT, VERIFY WITH ARCHITECTURAL REFLECTED CEILING PLANS
- HVAC SYSTEM SMOKE DAMPER WITH MOTOR OPERATOR.
- ELECTRICAL/PNEUMATIC SWITCH PROVIDED BY MECHANICAL CONTRACTOR AT DAMPER LOCATION. CONNECT TO (E) 'MCC' CONTROLLER AS REQUIRED.
- LOW VOLTAGE WIRING IN CONDUIT.
- HEAT TAPE (CABLE). FREEZER PROTECTION TYPE.
- WALL HEATER, 500 WATT, 120V, 1Ø.



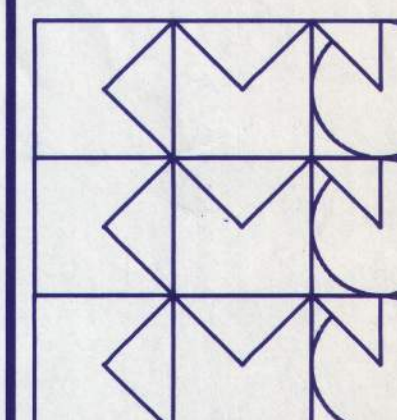
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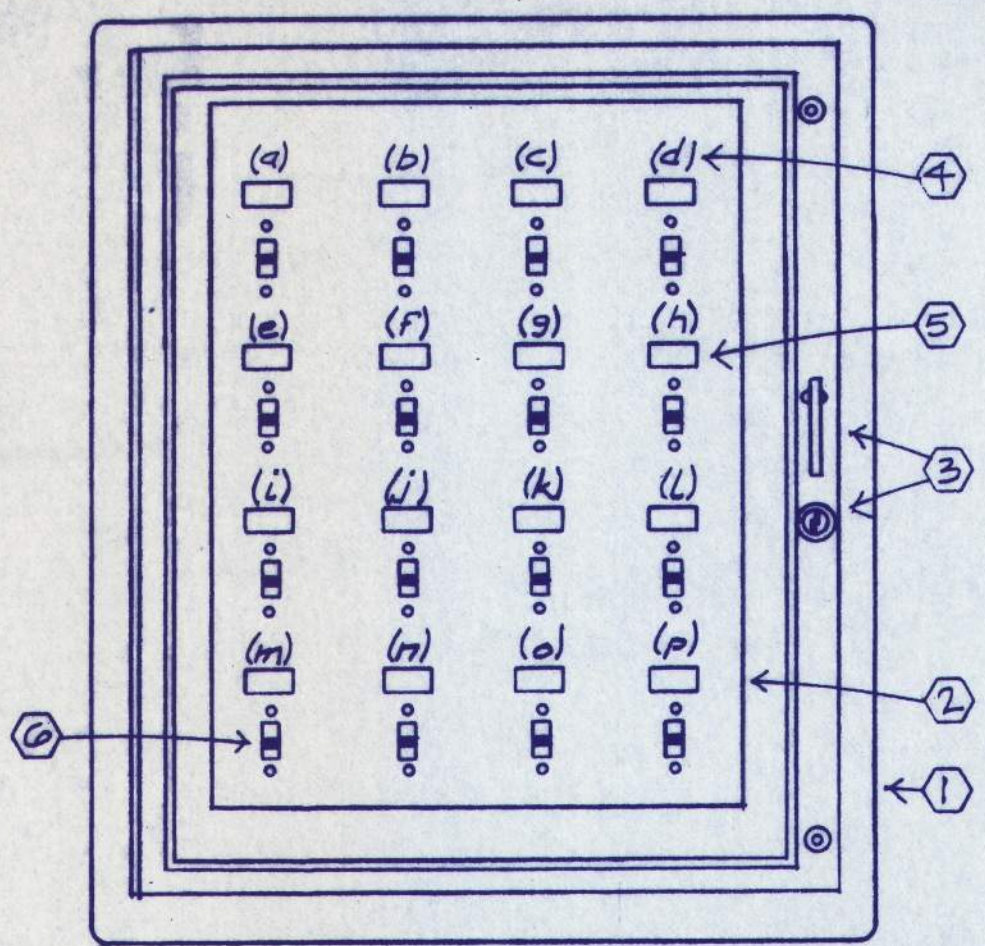
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APPROVED JPK
 DRAWN STH/JGM
 DATE 8-20-90
 JOB

E1



LIGHT SWITCH DESIGNATOR SCHEDULE

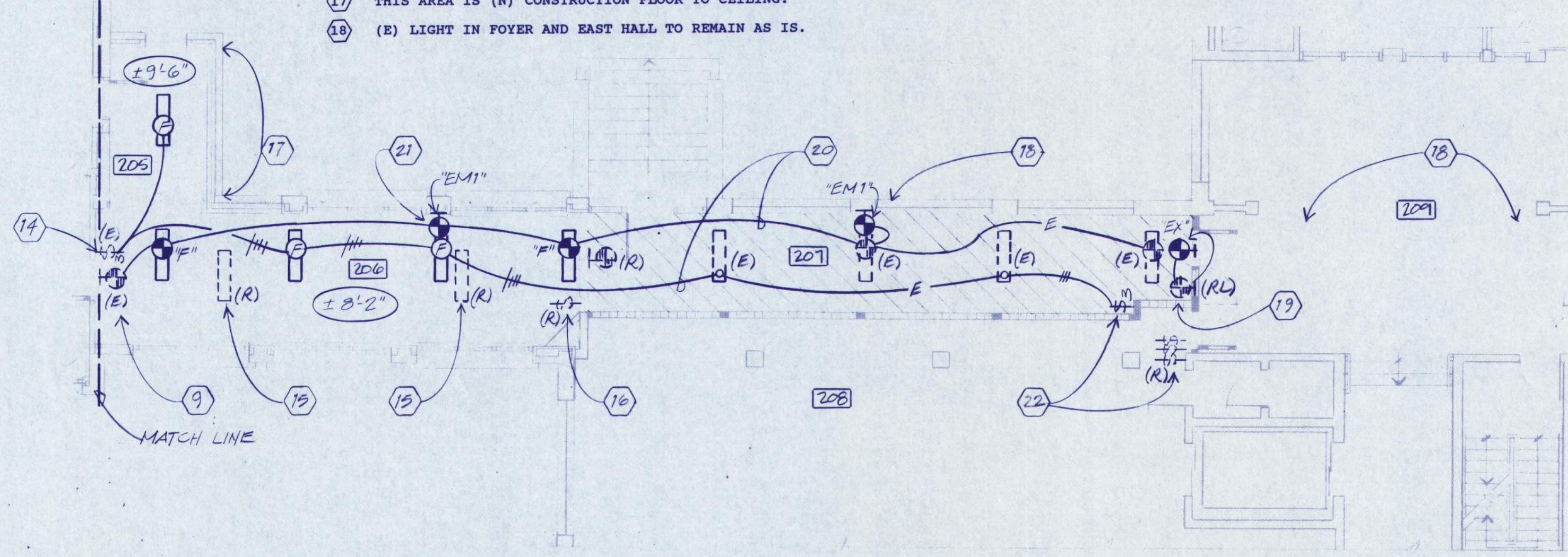
"a":	EAST HALL
"b":	INMATE ENTRY
"c":	SPARE
"d":	INTERVIEW ROOMS
"e":	SECURE VISITING
"f":	SHAKEDOWN
"g":	SPARE
"h":	SW VISITING
"i":	SE VISITING
"j":	SPARE
"k":	SPARE
"l":	NW VISITING
"m":	NE VISITING
"n":	SPARE
"o":	SPARE
"p":	SPARE

LIGHTING CONTROL STATION DETAIL (01)
NO SCALE

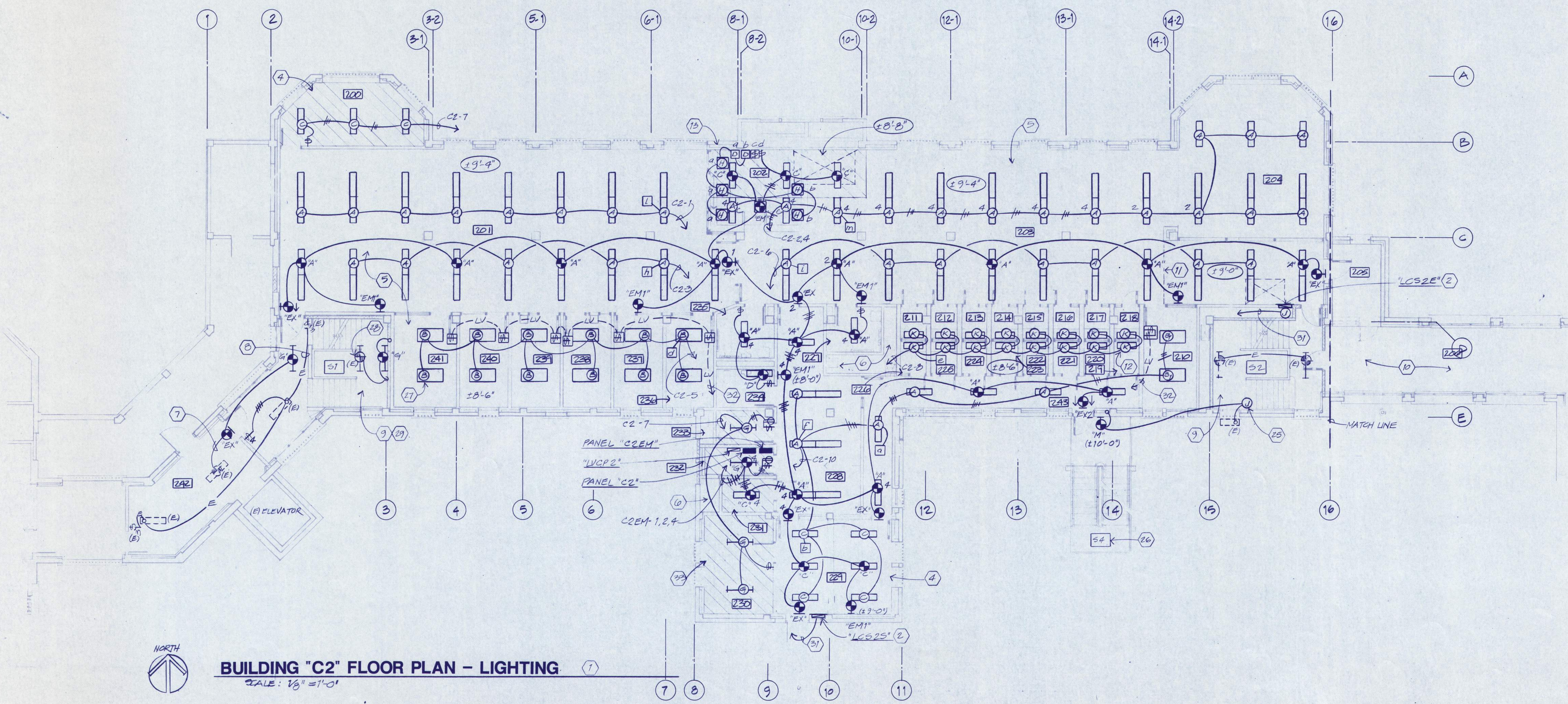
- LIGHTING CONTROL PANEL NOTES**
- TYPICAL FOR ALL (6) LIGHTING CONTROL STATION ENCLOSURES.
 - 20" X 24" X 6" NEMA 12 FLUSH EQUIPMENT ENCLOSURE WITH DOOR AND KEY LOCK. HOFFMAN #A-24206FLMP (MOD), WITH A-2420 BACK PANEL.
 - STEEL SWITCH DEAD FRONT SWING OUT PANEL. INSTALL INSIDE ENCLOSURE SIZE REQUIRED TO FILL ENCLOSURE INSIDE DIMENSIONS. PUNCH HOLES FOR TOGGLE SWITCH HANDLES, COUNTER SINK HOLES FOR SWITCH SCREWS. HOFFMAN #A-WAKFK (MODIFIED).
 - FRONT COVER DOOR LOCK AND LATCHING HANDLE.
 - SWITCH DESIGNATOR. SEE SCHEDULE AND FLOOR PLANS.
 - PHENOLIC SWITCH NAMEPLATE. LABEL PER DESIGNATOR SCHEDULE. SCREW INTO PANEL, BOTH ENDS.
 - TOGGLE TYPE LOW VOLTAGE SWITCH. SECURELY SCREW TO DEAD FRONT. EQUAL SPACE BETWEEN SWITCHES. ALL SWITCHES TO BE LIGHTED TOGGLE IN "ON" POSITION.
 - PROVIDE TERMINAL STRIPS ON REAR PANEL FOR CIRCUIT TERMINATIONS. NEATLY BUNDLE AND LABEL ALL BRANCH CIRCUITS. ALLOW SUFFICIENT WIRE LENGTHS TO ALLOW SWITCH PANEL TO SWING OUT 180°.

BUILDING "C2" PLAN NOTES - LIGHTING

- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LUMINAIRE LOCATIONS AND PLANS FOR (N) WALL TYPES. MOST WALLS TO BE STEEL STUD; SOME ARE CONCRETE FILLED "CMU" TYPE.
- IN GENERAL, FLOOR LIGHTING CONTROL FOR NORMAL POWERED CIRCUITS IS ACHIEVED VIA (2) LOW VOLTAGE LIGHTING CONTROL PANELS WITH LOCAL OVERRIDES WHERE SHOWN, U.O.N.
- LOW VOLTAGE GROUP SWITCH DESIGNATOR, TYPICAL. SEE SCHEDULE, ABOVE. CONNECT TO APPLICABLE SWITCH.
- FLOOR AREAS SHOWN CROSSHATCHED INDICATE (E) CONCRETE CEILING TO REMAIN OR (E) CONCRETE CEILING WITH (N) APPLIED TECTUM SURFACE. SURFACE MOUNT LUMINAIRES; CONCEAL WIRING IN SHALLOW FURRING SPACE.
- FLOOR AREAS WITHOUT CROSSHATCH INDICATE (N) SUSPENDED GYPSUM OR TECTUM SURFACED CEILINGS; RECESS ALL LUMINAIRES; CONCEAL ALL WIRING.
- (N) MECHANICAL DUCT CHASE.
- EXTEND WIRING TO EXIT SIGN; USE "EMT", SURFACE RUN.
- REMOVE AND REINSTALL SWITCH INTO (N) WALL.
- (E) STAIRWELL WALLS TO BE REMOVED AND REPLACED IN SAME LOCATIONS. REMOVE, REINSTALL, AND RECONNECT (E) WALL MOUNTED LIGHTS AS REQUIRED, OR PROVIDE (N) AS SHOWN.
- SEE PARTIAL PLAN, ABOVE FOR LIGHTING IN THIS (E) HALL.
- (N) SOFFIT; NOTE CEILING HEIGHT CHANGE.
- INSTALL ALL TYPE "M" LIGHTS CENTERED OVER VISITING WINDOW, COORDINATE HEIGHT.
- SEE SHEET E5 FOR LOCAL LIGHTING AT OFFICERS STATION.
- (E) WALL TO BE REPLACED WITH (N) HARDENED TYPE. REMOVE AND FLOSH MOUNT (E) SWITCH OR EXIT SIGN OUTLET BOX WHERE SHOWN.
- REMOVE (E) SURFACE MOUNTED FIXTURE.
- (E) WALL TO BE REMOVED; REMOVE OUTLETS SHOWN.
- THIS AREA IS (N) CONSTRUCTION FLOOR TO CEILING.
- (E) LIGHT IN FOYER AND EAST HALL TO REMAIN AS IS.
- (E) SINGLE DOOR TO BE REPLACED WITH (N) DOUBLE DOOR WALL. RELOCATE (E) EXIT SIGN.
- EXTEND (E) WIRING TO (N) LUMINAIRES AS SHOWN.
- (N) SUSPENDED CEILING IN WEST PORTION OF HALL.
- (N) SWITCH FOR HALL LIGHTS. REMOVE (E) SWITCH; PROVIDE (N) (3) GANG COVERPLATE FOR REMAINING TWO SWITCHES.
- NOT USED.
- NOT USED.
- PROVIDE J-BOX IN STAIRWAY. CONNECT (N) TYPE "M" LIGHTS INTO (E) WIRING SERVING (E) STAIR LIGHTS WHICH ARE PHOTOCELL CONTROLLED. RECONNECT (E) OUTSIDE LIGHT AS REQUIRED.
- THIS (N) STAIR AND RELATED LIGHTING PART OF BASIC BID WORK.
- SEE SHEET 7 FOR CORRECT LUMINAIRE LOCATIONS INTERVIEW ROOMS.
- CONNECT INTO (E) PHOTOCONTROLLED CIRCUIT AT (E) STAIR LIGHT, LANDING BELOW.
- REMOVE ALL (E) OLD SINGLE LAMP STAIR LIGHTS AND BATTERY PACKS UP THROUGH 4TH FLOOR.
- NOT USED.
- RUN SWITCH WIRING TO "LVCP2" IN 1" C, NUMBER REQUIRED (NO. 18 AWG).
- SAME AS NOTE 31, EXCEPT IN 1/2" C.
- AT FLOOR "C1" BELOW, REMOVE AND REINSTALL (E) SURFACE MOUNTED FLUORESCENT FIXTURES TO ACCOMMODATE (N) DROPPED CEILINGS AND/OR HVAC DUCT RELOCATIONS AS REQUIRED; AREA IS GENERAL HOUSING DAYROOM.



BUILDING "C2-D2" HALL AND VISITORS ENTRY PARTIAL PLAN - LIGHTING
SCALE: 1/8" = 1'-0"



BUILDING "C2" FLOOR PLAN - LIGHTING (1)
SCALE: 1/8" = 1'-0"



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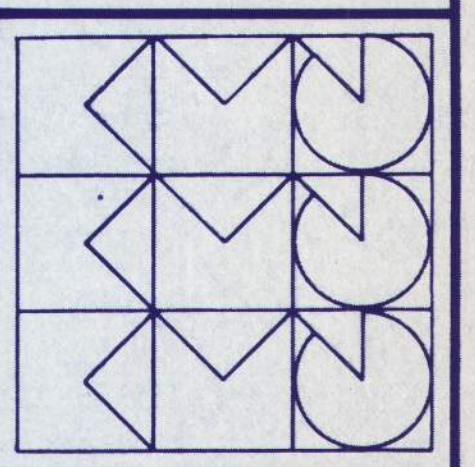
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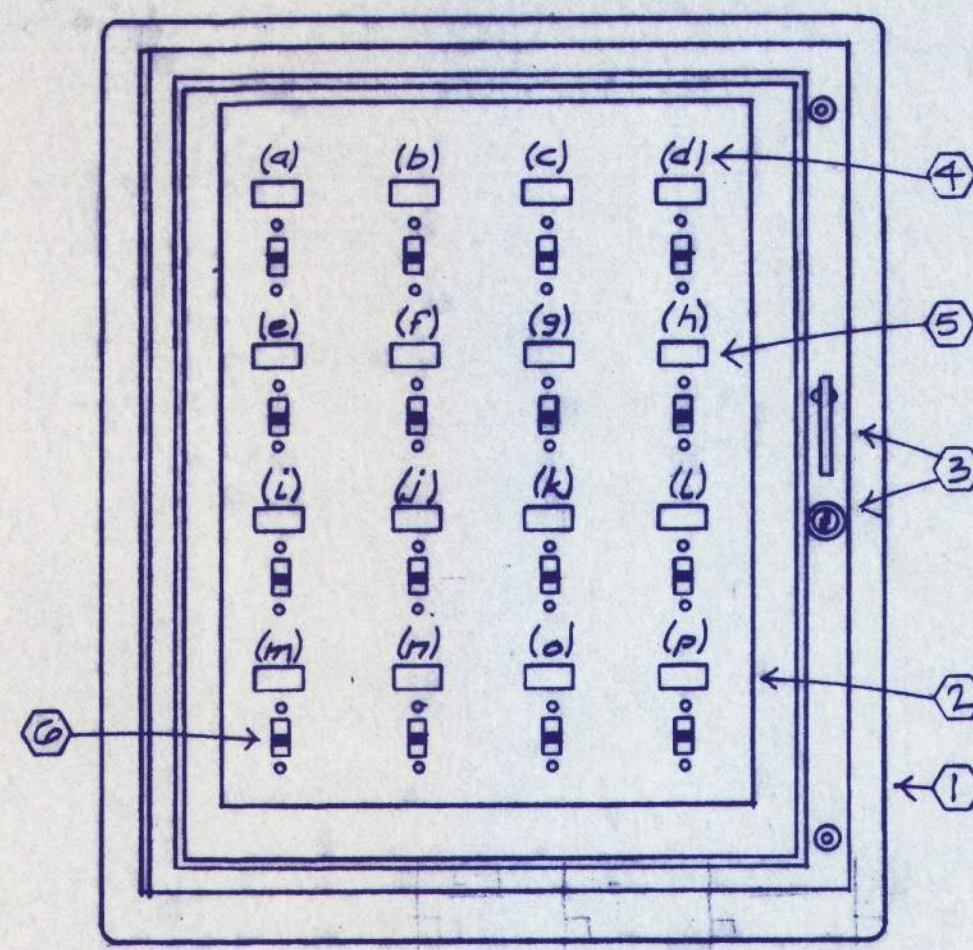
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APPROVED JPK
DRAWN STH, WSM
DATE 11.22.1990
JOB

E2



LIGHT SWITCH DESIGNATOR SCHEDULE

"a":	CLASSROOM 311
"b":	BOOK REPOSITORY
"c":	INMATE TOILET
"d":	SPARE
"e":	SPARE
"f":	CENTER OFFICES
"g":	CLASSROOM 320
"h":	CLASSROOM 321
"i":	SPARE
"j":	CLASSROOM 304
"k":	CLASSROOM 303
"l":	CLASSROOM 300
"m":	EAST OFFICES
"n":	CLASSROOM 305
"o":	CLASSROOM 302
"p":	CLASSROOM 300

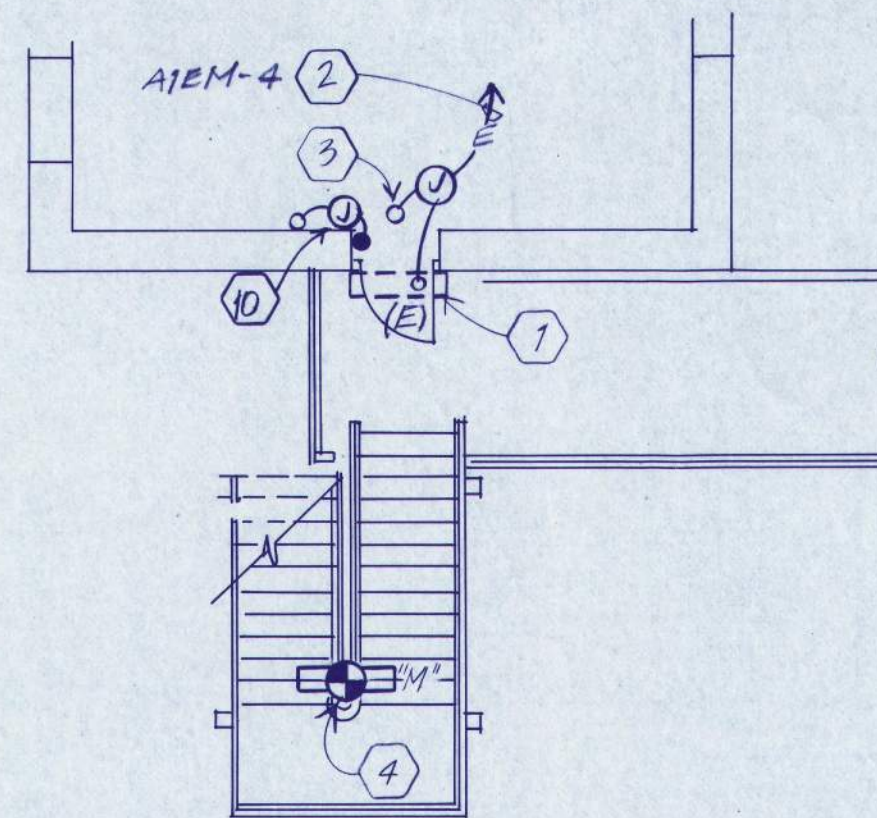
LIGHTING CONTROL STATION DETAIL (07)

BUILDING "C3" PLAN NOTES - LIGHTING

- SEE NOTE DESCRIPTIONS, SHEET E2, FOR NOTE DESIGNATORS 1 THROUGH 9, 14, AND 15. SIMILAR CONDITIONS APPLY THIS FLOOR AS WELL.
- NOT USED.
- NOT USED.
- "LCS48" TO CONTROL 4TH FLOOR ROOM LIGHTS. INSTALL ABOVE "LCS35".
- NOT USED.
- SEE NOTE 1, ABOVE.
- SEE NOTE 1, ABOVE.
- (E) LIGHTING IN EAST HALL TO REMAIN. CEILING IS SUSPENDED T-BAR.
- CONNECT TO (E) EXIT SIGN CIRCUIT.
- CONNECT TO NEAREST NORMAL CIRCUITED FIXTURE, APPROXIMATELY 20 FEET EAST OF (E) EXIT SIGN SHOWN.
- HIGH CEILING OPENS TO 4TH FLOOR, UP 22 FEET AFF, ABOVE; SEE SHEET E4.
- NOT USED.
- J-BOX AT FLOOR BELOW; CONNECT WIRING FOR (N) TYPE "M" FIXTURE AS REQUIRED.
- STAIR WORK, BASIC BID.
- RUN SWITCH LEG WIRING "LVCP3"/"LVCP4" IN 1" C, NUMBER REQUIRED NO. 18 ANG.
- CONNECT LOCAL SWITCHES TO OPERATE RELAYS TO CONTROL BALLASTS FOR HALF AND FULL LIGHT, SAME PATTERN ALL ROOM LIGHTS, TYPICAL.
- SAME AS NOTE 23, EXCEPT 1/2" C.
- DROPPED TECTUM CEILING THIS AREA.
- POSITION ALL BUT (2) EAST END TYPE "M" LUMINAIRES IN CORRIDOR 24" EAST OF LOCATIONS SHOWN; SEE SHEET 8.
- DUCT OBSTRUCTION AT ± 9'-0" AFF; WORK AROUND.
- CONNECT INSIDE LAMP BALLAST TO EMERGENCY CIRCUIT, OUTSIDE LAMP BALLAST TO SWITCHED NORMAL CIRCUIT, TYPICAL FOR LUMINAIRES AS SHOWN THIS SHEET.

STAIR "S5"/"S6" PLAN NOTES (ALT. NO. 1)

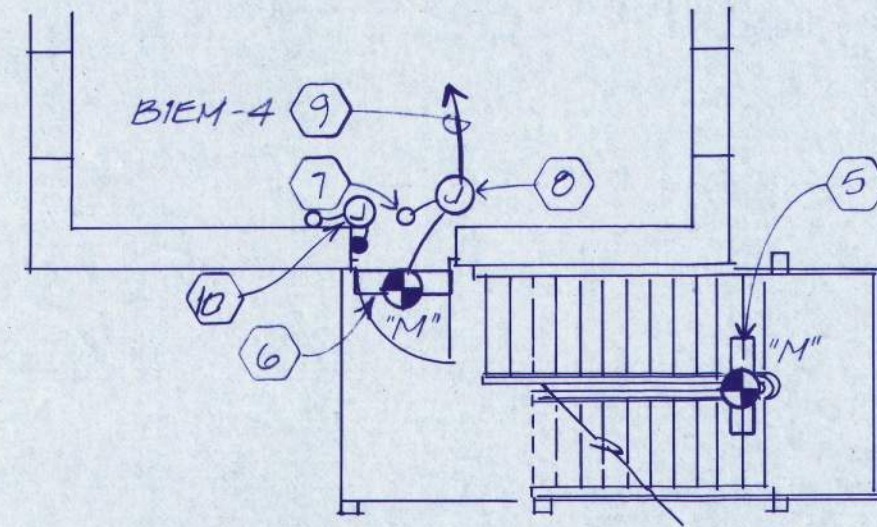
- (E) LUMINAIRE ABOVE (E) DOOR TO REMAIN.
- (E) BRANCH CIRCUIT.
- ROUTE WIRING UP TO 2ND FLOOR TYPE "M" LIGHT FIXTURE. CONNECT INTO (E) 1ST FLOOR CIRCUIT AS REQUIRED.
- APPROXIMATE LOCATION AT OUTER LANDING. SEE ELEVATION, RIGHT. PROVIDE (5) LUMINAIRES THIS STAIR.
- SAME AS NOTE 4, EXCEPT (5) LUMINAIRES.
- SEE ELEVATION FOR TYPE "M" HEIGHTS AT BUILDING WALL. GROUT AROUND ALL FIXTURE BASES TO IN-FILL ROUGH SPINCO SURFACE, OR USE CLEAR SILICONE BEAD FOR WATERTIGHT INSTALLATION (BOTH BUILDINGS).
- SAME AS NOTE 3, EXCEPT (N) BRANCH CIRCUIT.
- FLUSH MOUNT J-BOXES, TYPICAL.
- CONNECT INTO (E) BRANCH CIRCUIT AT 1ST FLOOR LIGHTING CONTRACTOR VIA ATTIC AS REQUIRED.
- PROVIDE SURFACE J-BOX FOR DOOR CONTROL WIRING. RUN 3/4" DUCT INTO DOOR HEAD WITH CABLE TO DOOR LOCK, C.A.R. EXTEND CONDUIT UP TO FLUSH BOXES AT ALL (3) UPPER FLOORS, THEN INTO ATTIC.



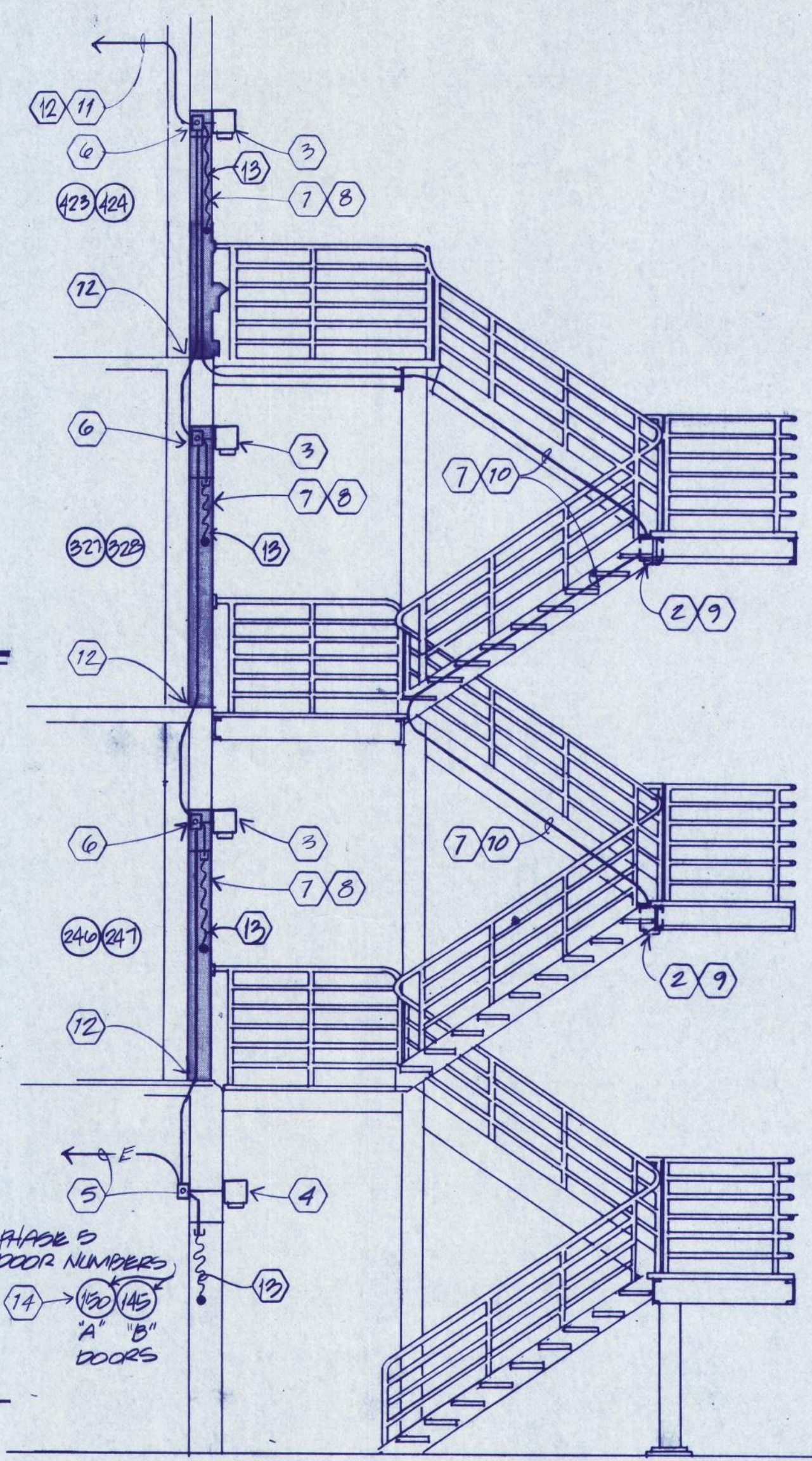
STAIR S5 AT BUILDING "B" PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0" (ALTERNATE NO. 1) (1ST FLOOR)

EXTERIOR STAIR SECTION NOTES (ALT. NO. 1)

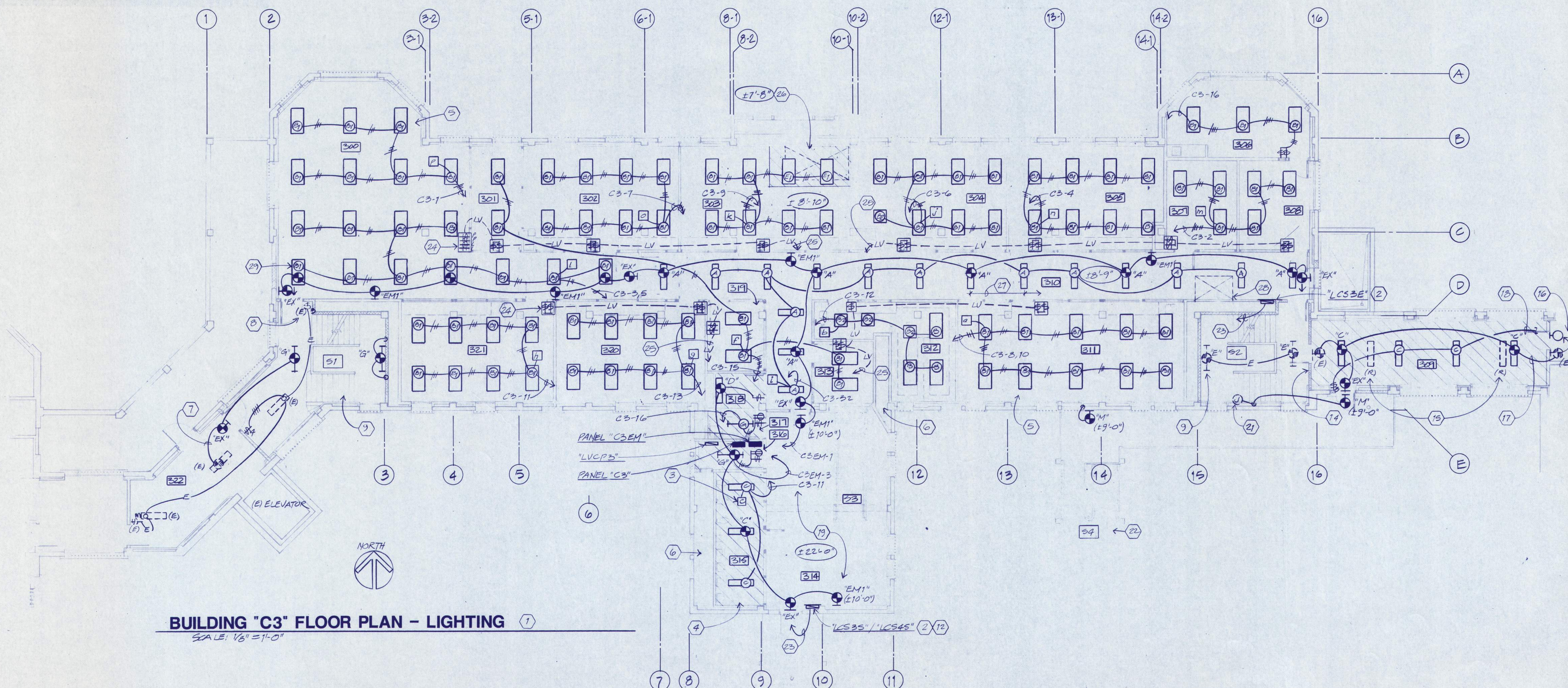
- TYPICAL STAIR ELEVATION. AT BLDG "A", STAIR PROJECTS STRAIGHT OFF END OF BUILDING. AT BUILDING "B", STAIR LAYS FLAT AGAINST BUILDING. SEE PARTIAL PLANS.
- PROVIDE (N) STAIR LIGHTING SYSTEM AND DOOR CONTROL CONNECTIONS UNDER ALT. NO. 1, ONLY.
- (N) TYPE "M" LUMINAIRE. BOLT TO LANDING FRAMING CHANNEL, NEAR CENTER.
- SHADED WALL IS (N) MASONRY IN-FILL AROUND AND ABOVE (N) DOORS AT REMOVED WINDOW AREA. INSTALL TYPE "M" AT IN-FILL TOP.
- NO IN-FILL AROUND THIS (E) DOOR. PROVIDE THIS (N) TYPE "M" AT BLDG "B", ONLY. LUMINAIRE ALREADY EXISTS AT BLDG "A".
- SURFACE MOUNT THIS BOX. AT BLDG "A", CONNECT INTO (E) WIRING SYSTEM ALREADY CONTROLLING EXISTING LUMINAIRE. AT BLDG "B", CONNECT FROM FLOOR ABOVE.
- INSTALL J-BOXES SIDE BY SIDE, FLUSH IN (N) WALL, TYPICAL WHERE SHOWN. ONE BOX FOR LIGHTING, OTHER FOR DOOR WIRING.
- BRANCH CIRCUIT SYSTEM. USE ENT INSIDE BUILDING: "GRS" OUTSIDE BUILDING.
- ROUTE INSIDE WALL TO CONCEAL WIRING, TYPICAL. CORE DRILL THROUGH FLOOR SLAB INTO LOWER CEILING AREA.
- SECURE RACEMAY TO "C" CHANNELS. DRILL CHANNEL TO CONNECT THROUGH END OF LUMINAIRE.
- SECURELY BOLT RACEMAY TO RISER FRAMING MEMBER, 3 LOCATIONS, MINIMUM.
- AT BLDG "B", ROUTE (N) HOMERUN TO (E) EXTERIOR LIGHTING CONTRACTOR AT 1ST FLOOR ELECTRICAL ROOM VIA ATTIC AND ADJACENT MECHANICAL CHASE. SEE SITE PLAN.
- CORE DRILL FLOOR SLAB; GROUT FILL AROUND CONDUITS.
- STUB 3/4" DUCT INTO DOOR HEAD; EXTEND CABLE TO LOCK; C.A.R. DOOR NUMBER. SEE ARCHITECTS DOOR SCHEDULE. 1ST FLOOR DOOR EXISTS; ALL OTHERS ARE NEW.



STAIR S6 AT BUILDING "B" PLAN - ELECTRICAL
SCALE: 1/8" = 1'-0" (ALTERNATE NO. 1) (1ST FLOOR)



EXTERIOR STAIR SECTION DETAIL (07)
NO SCALE



BUILDING "C3" FLOOR PLAN - LIGHTING (7)
SCALE: 1/8" = 1'-0"

M-2	M-1	E-3	E-4
		E-3	

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APPROVED: JPK
DRAWN: STH/LSM
DATE: AUG 22, 1990
JOB: 11

E3



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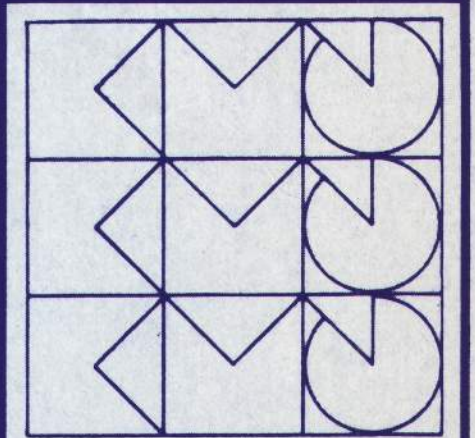
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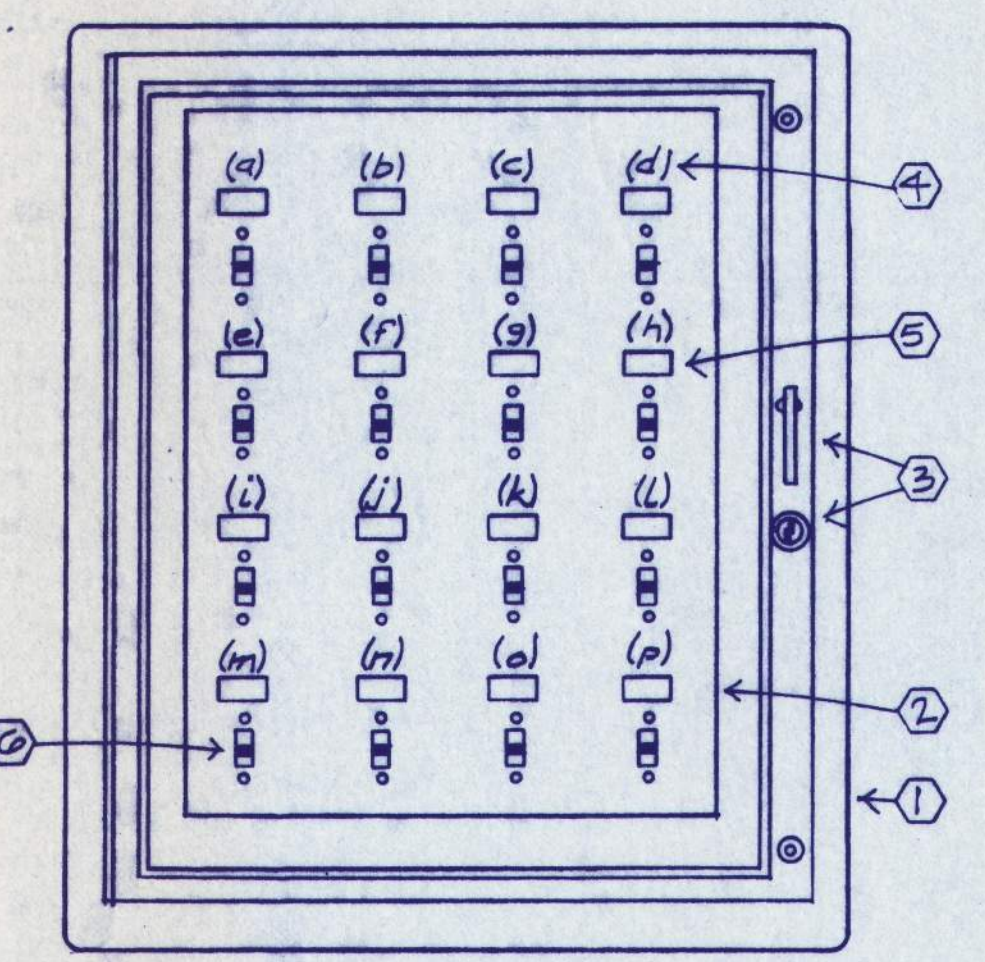
APPROVED JPK
DRAWN STH/USM
DATE AUG. 22, 1990
JOB

E4

950390

LIGHT SWITCH DESIGNATOR SCHEDULE

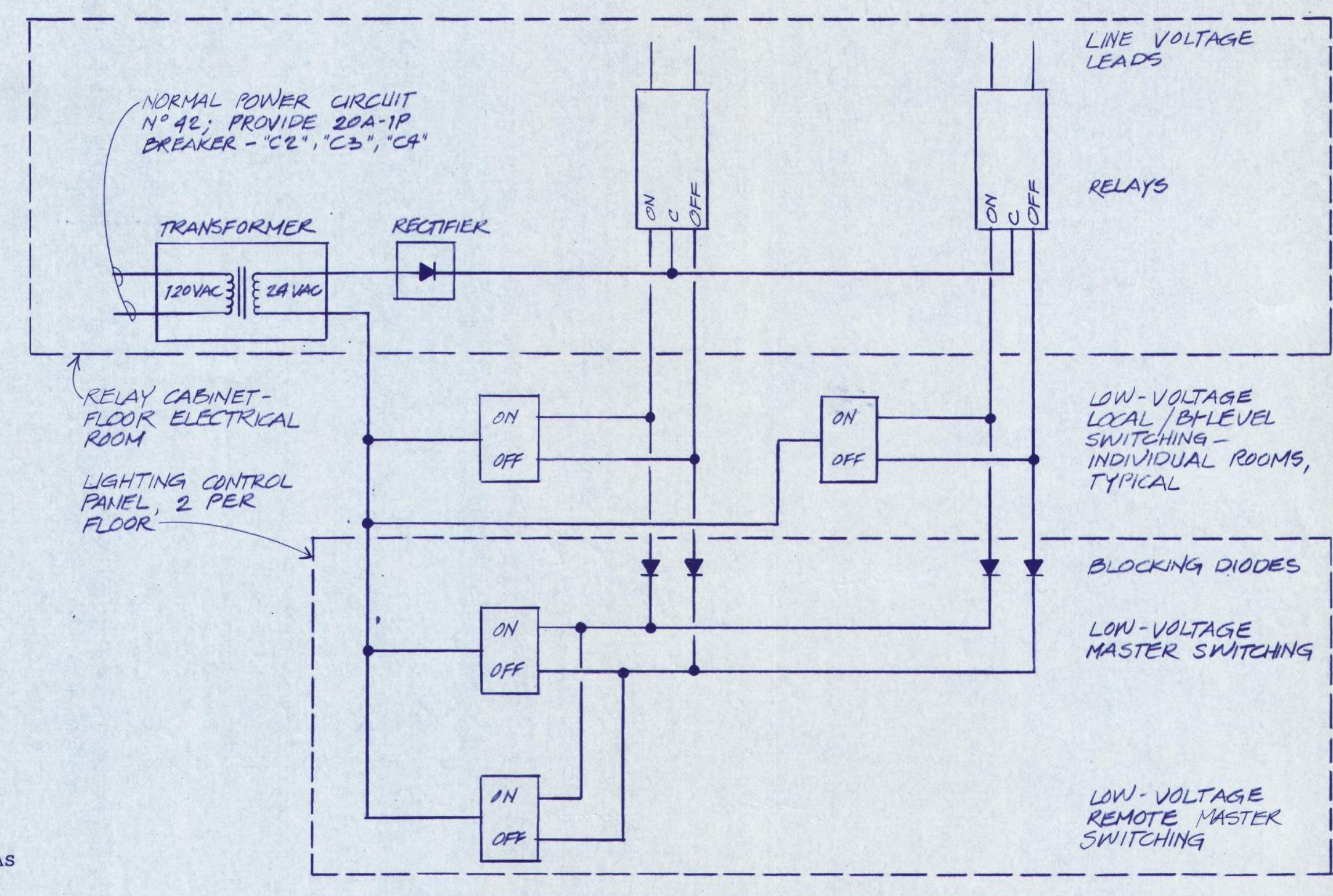
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- "c": SPARE
- "d": SPARE
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- "f": CLASSROOM 411
- "g": LAW LIBRARY
- "h": LAW STACKS
- "i": EAST HALL
- "j": CLASSROOM 404
- "k": CLASSROOM 403
- "l": GENERAL LIBRARY
- "m": CLASSROOM 408
- "n": EAST OFFICES
- "o": LIBRARY STACKS
- "p": LIBRARY STACKS



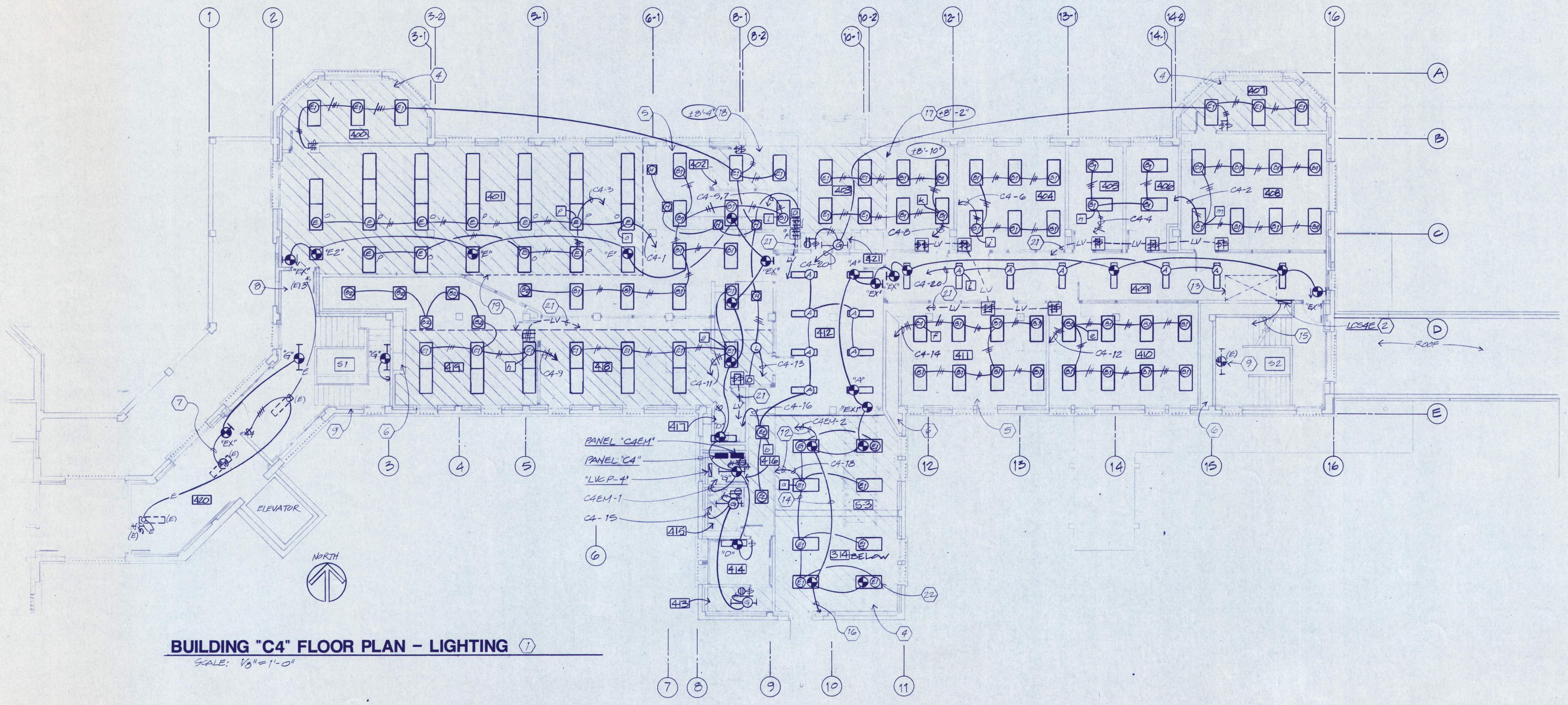
LIGHTING CONTROL STATION DETAIL (D7)

BUILDING "C4" PLAN NOTES - LIGHTING

- 1 SEE NOTE DESCRIPTIONS, SHEET E2, FOR NOTE DESIGNATORS 1 THROUGH 9, AND 14. SIMILAR CONDITIONS APPLY THIS FLOOR AS WELL.
- 10 NOT USED.
- 11 NOT USED.
- 12 HOMERUN VIA ATTIC SPACE.
- 13 DUCT OBSTRUCTION ABOVE CEILING; WORK AROUND.
- 14 RUN WIRING BETWEEN LIGHTS IN ATTIC. KEEP WIRING TIGHT TO FLOOR SLAB. OPTION TO DRILL THROUGH BEAM TOP ONLY WITH ARCHITECT'S PERMISSION.
- 15 RUN SWITCH WIRING TO "LVCP4" (1" C; NO. 18 REQUIRED).
- 16 WIRE DOWN TO EXIT SIGN.
- 17 SOFFIT LINE ACROSS CLASSROOM.
- 18 (E) PLASTER CEILING THIS ROOM. WIRE DOWN FROM ATTIC TO CONCEAL.
- 19 DASHED LINE IS VERTICAL SOFFIT BETWEEN CHANGES IN CEILING HEIGHT.
- 20 NOT USED.
- 21 SAME AS NOTE 15, EXCEPT 1/2" C.
- 22 SAME AS NOTE 29, SHEET E3.



LOW-VOLTAGE SWITCHING DETAIL
NO SCALE



BUILDING "C4" FLOOR PLAN - LIGHTING (7)
SCALE: 1/8" = 1'-0"

M-3 M-8 E-1
E-4 E-4

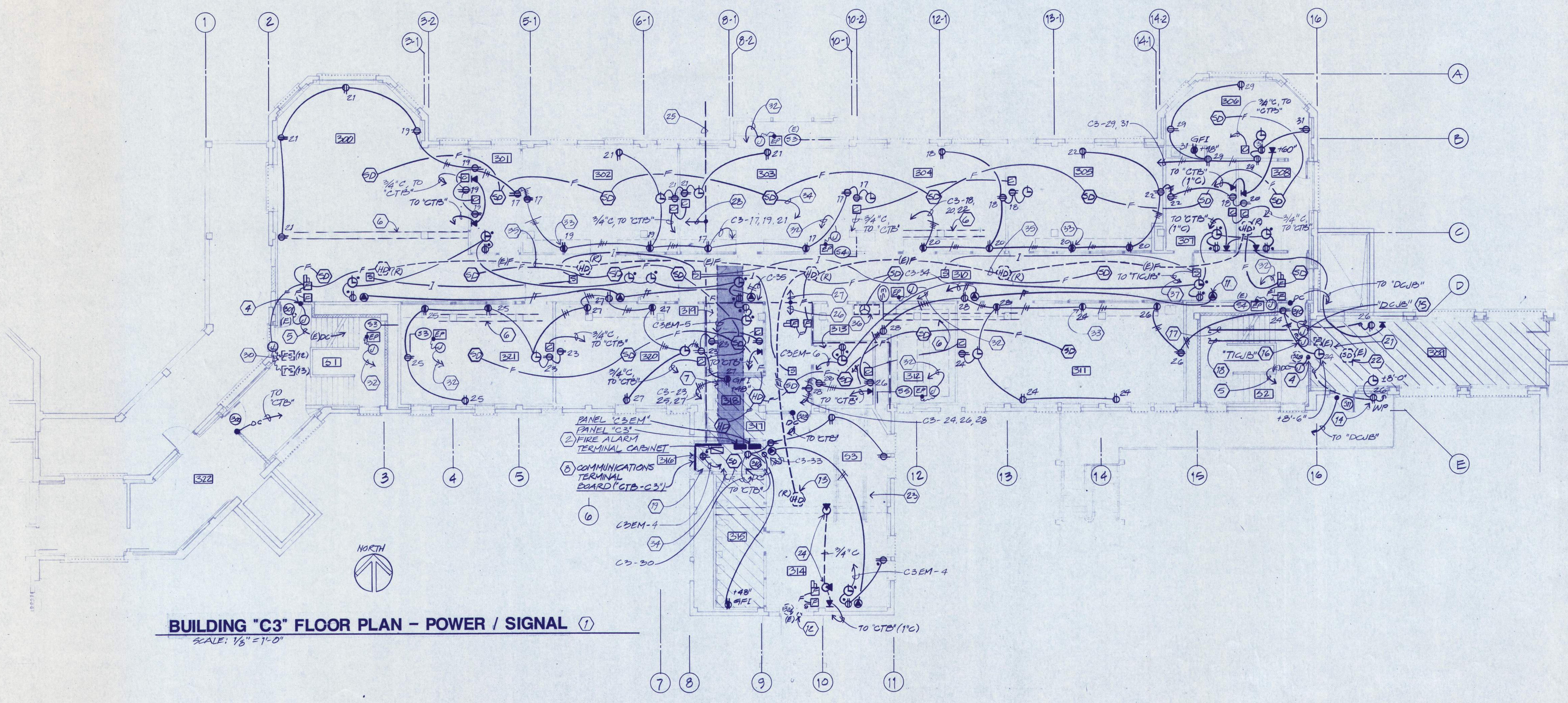


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- BUILDING "C3" PLAN NOTES - POWER/SIGNAL**
- 1 SEE PLAN NOTES, SHEET E2, FOR ARCHITECTURAL DESCRIPTIONS THIS FLOOR. SEE NOTE DESCRIPTIONS, SHEET E5, FOR NOTE DESIGNATORS 4 THROUGH 10, 12, AND 14.
 - 2 18" X 18" X 6" FIRE ALARM TERMINAL CABINET; SEE FIRE ALARM RISER.
 - 3 NOT USED.
 - 11 BUFFER OUTLET, NEMA 5-30, TYPICAL THIS SHEET, U.O.N.
 - 12 REUSE DETECTORS AT (N) LOCATIONS; SALVAGE TO OWNER ALL OTHERS.
 - 15 (N) 12"X18"X6" SCREW COVER J-BOX (TAMPERPROOF) FOR DOOR CONTROL WIRING. INSTALL SURFACE ON WALL. RUN (2) 2" DUCTS THROUGH FLOOR TO (E) SIMILAR J-BOX AT FLOOR BELOW. USE FOR WIRING TO "CER" AND DOOR CONTROL EQUIPMENT.
 - 16 SAME AS NOTE 15, EXCEPT FOR 12" X 12" X 6" J-BOX TELEPHONE AND INTERCOM CABLES; RUN (2) 2" DUCTS TO SIMILAR J-BOX, FLOOR BELOW.
 - 17 RUN (2) 2" DUCTS TO FLOOR "CTB" ABOVE CEILING. RUN DOOR WIRING WITHIN FROM "CTB".
 - 18 SAME AS NOTE 17, EXCEPT (2) 1-1/2" DUCTS FOR PHONE, INTERCOM WIRING.
 - 19 ELECTRICAL ROOMS STACK VERTICALLY WITH MINOR OFFSETS. 4TH FLOOR ROOM SMALLER THAN OTHERS.
 - 20 NOT USED.
 - 21 REINSTALL (E) MANUAL STATION IN (N) DOOR.
 - 22 REINSTALL (E) DETECTOR INTO (N) CEILING.
 - 23 (N) STAIR TO 4TH FLOOR.
 - 24 VERIFY EXACT FLOOR OUTLET LOCATION WITH OWNER. CORE DRILL SLAB LARGER THAN BOX; SET BOX INTO (N) GROUT SURROUND FLUSH WITH FLOOR FINISH SURFACE.
 - 25 SEE NOTE 54, SHT E5.
 - 26 FIRE ALARM ZONE NO. 9.
 - 27 FIRE ALARM ZONE NO 10.
 - 28 FIRE ALARM ZONE NO. 11.
 - 29 NOT USED.
 - 30 APPROXIMATE LOCATION (E) FIRE SPRINKLER RISER DEVICES, NEW ZONE DESCRIPTIONS SHOWN; C.A.R.
 - 31 NOT USED.
 - 32 SAME AS FOR NOTE 53, SHEET E5.
 - 33 TYPICALLY AT ALL CLASSROOM WALLS ALONG CORRIDOR, INSTALL RECEPTACLES UP ± 45" TO CLEAR OWNER PROVIDED LOWER CABINET.
 - 34 TO "FAC"; 1/2" C, WIRE REQUIRED.
 - 35 SAME AS FOR NOTE 52, SHEET E5.
 - 36 ROLL DOWN FIRE DOOR WITH AUTOMATIC RELEASE. CONNECT TO RELEASE DOOR UPON SMOKE DETECTION FROM CORRIDOR DETECTORS. PROVIDE AUX. RELAY CONTACTS ON DETECTOR BASES AND REMOTE RELAYS AS REQUIRED. COORDINATE WITH DOOR SUPPLIER.
 - 37 RUN COMMON INTERCOM CABLE TO ALL FLOOR SPEAKERS WITH HOMERUN TO BLDG "D1" ELECTRONICS ROOM.



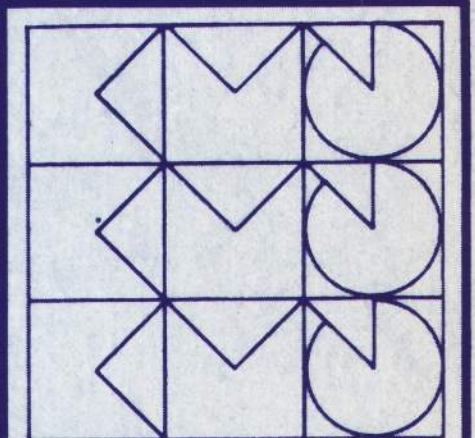
BUILDING "C3" FLOOR PLAN - POWER / SIGNAL
SCALE: 1/8" = 1'-0"

M-2	M-7	E-3	E-6

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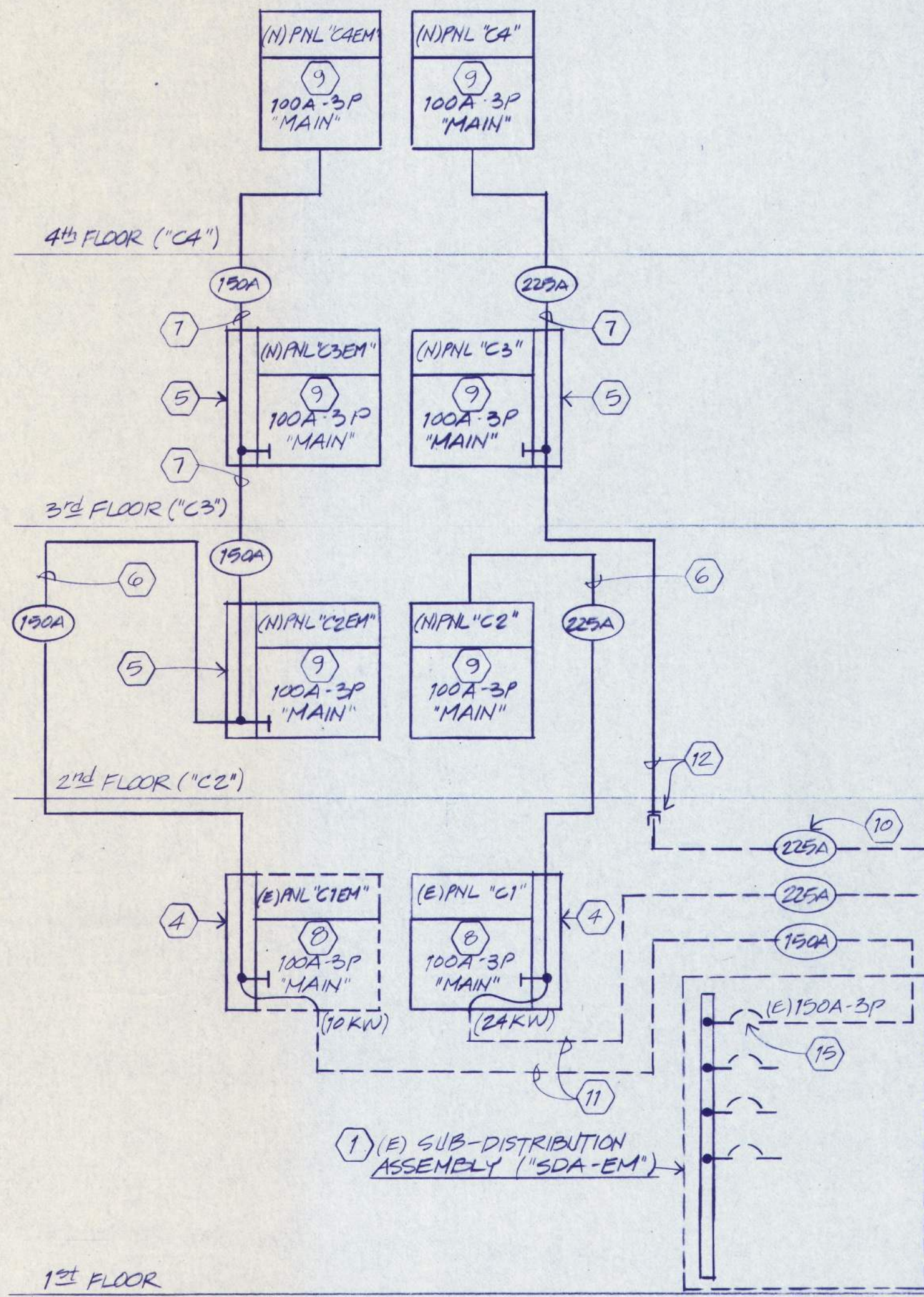
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APPROVED JFK
DRAWN STH/JSM
DATE AUG. 22, 1990
JOB

E6

ATTIC



ONE LINE DIAGRAM NOTES

- 1 NO NEW WORK REQUIRED TO ASSEMBLY. SEE PLAN, SHEET E5, FOR LOCATION.
- 2 SAME AS NOTE 1, EXCEPT PROVIDE (N) FEEDER BREAKER SHOWN (42,000 A.I.C. MIN; MATCH (E) SQ. "D").
- 3 (E) CABLE TRAY FEEDER EXTENSION INTO NORTH CORRIDOR.
- 4 PROVIDE (N) 6"X6" WIRE WAY AT (E) PANEL SIDE. 3-WAY SPLICE ONTO (E) FEEDER END; RECONNECT TO (E) MAIN BREAKER AND EXTEND TO PANELS ABOVE.
- 5 SAME AS NOTE 4, EXCEPT TEE TAP ONTO (N) MAIN BREAKER.
- 6 RUN (N) FEEDERS UP WALL CAVITY JUST NORTH OF EXISTING PANELS THEN SOUTH OVERHEAD ABOVE CEILING TO FLOOR "C2" PANELS. THESE VERTICAL RISERS STACK IN LINE.
- 7 (E) 100 AMP PANEL TO REMAIN JUST NORTH OF BLDG "C1" GUARD STATION (SECURE HOUSING AREA).
- 8 (N) 100 AMP PANEL, SEE SCHEDULE, SHEET E12.
- 9 FEEDER DESIGNATOR; SEE SCHEDULE, THIS SHEET.
- 10 EXISTING FEEDER, SIZE SHOWN.
- 11 (E) 2 1/2" DUCT STUBBED INTO "C1" ELECTRICAL ROOM NEAR PANEL "C1". EXTEND AS SHOWN; USE FOR UPPER FLOOR PANELS.
- 12 42 KW CONNECTED (116 AMPS).
- 13 53 KW CONNECTED (147 AMPS).
- 14 21 KW CONNECTED (58 AMPS).

FEEDER SCHEDULE

TYPE	CAPACITY	CONDUIT/WIRE SIZE
150A	150AMP	2" C: 4#1/0
225A	225AMP	2-1/2" C: 4# 4/0

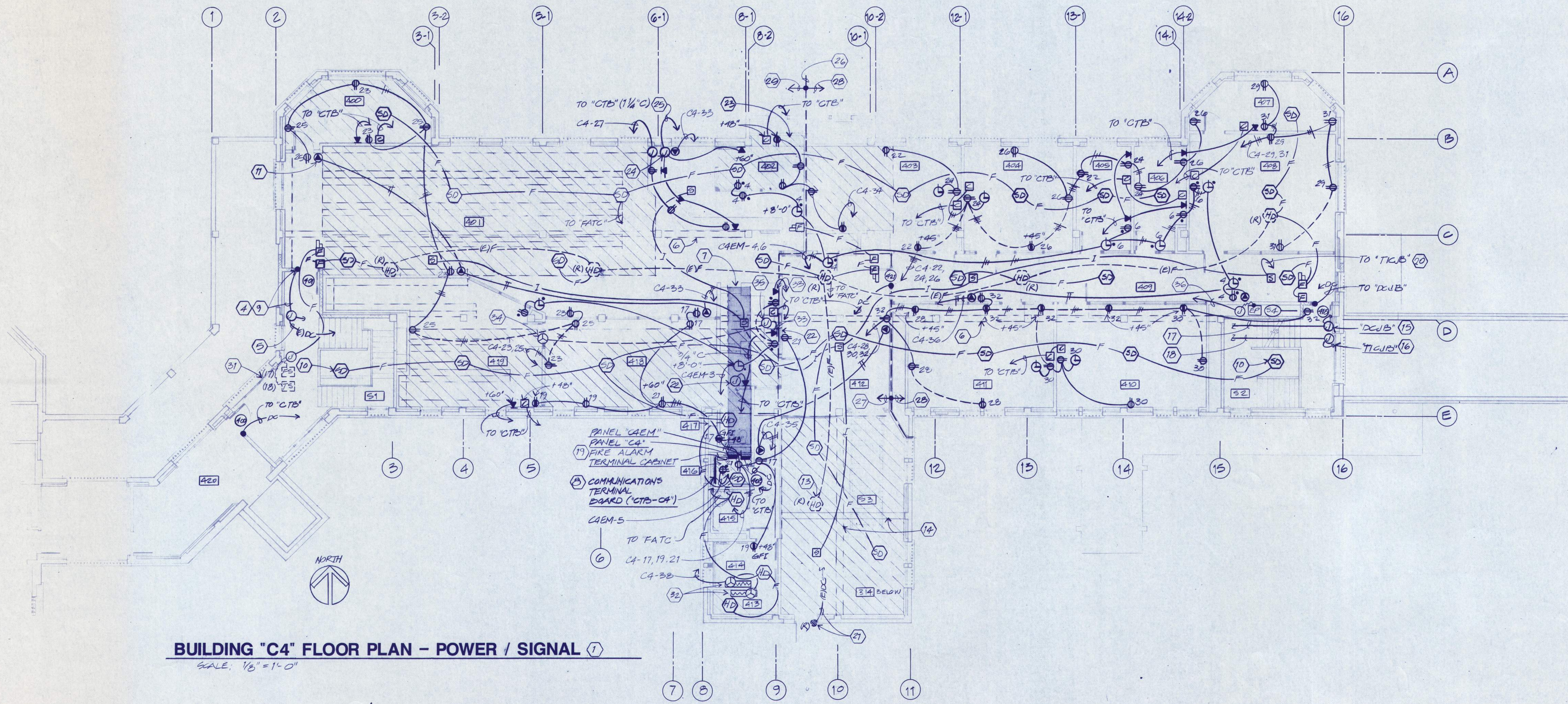
BUILDING "C4" PLAN NOTES - POWER/SIGNAL

- 1 SEE PLAN NOTES, SHEET E2, FOR ARCHITECTURAL DESCRIPTIONS THIS FLOOR. SEE NOTE DESCRIPTIONS, SHEET E5, FOR NOTE DESIGNATORS 4 THROUGH 8.
- 2 NOT USED.
- 3 NOT USED.
- 4 (N) DOOR ±8 FEET NORTH OF (E) DOOR.
- 5 INSTALL DETECTOR AT STAIR TOP.
- 6 NOT USED.
- 7 REUSE DETECTORS AT (N) LOCATIONS; SALVAGE TO OWNER ALL OTHERS.
- 8 (E) OVERHEAD CONCRETE BEAMS TO REMAIN.
- 9 (N) 12"X12"X6" SCREW COVER J-BOX (TAMPERPROOF) FOR DOOR CONTROL WIRING. INSTALL SURFACE ON WALL. RUN (2) 2" DUCTS THROUGH FLOOR TO (E) SIMILAR J-BOX AT FLOOR BELOW. USE FOR WIRING TO "C2E" AND DOOR CONTROL EQUIPMENT.
- 10 SAME AS NOTE 15, EXCEPT FOR TELEPHONE AND INTERCOM CABLES; RUN (2) 2" DUCTS TO SIMILAR J-BOX, FLOOR BELOW.
- 11 RUN (2) 2" DUCTS TO FLOOR "C2B" ABOVE CEILING. RUN DOOR WIRING WITHIN FROM "C2B".
- 12 SAME AS NOTE 17, EXCEPT (2) 1-1/2" DUCTS FOR PHONE, INTERCOM WIRING.
- 13 18" X 18" X 6" FIRE ALARM TERMINAL CABINET.
- 14 RUN COMMON INTERCOM CABLE TO ALL FLOOR SPEAKERS WITH HOMERUN TO BLDG "D1" ELECTRONICS ROOM.
- 15 (E) DOOR TO BE REMOVED. CONTROL WIRING EXISTS TO "CCR". REUSE (E) SWITCH FOR ANOTHER DOOR THIS PROJECT.
- 16 OUTLET FOR PHONE AND SWITCH. INSTALL SIMILAR OUTLET BOXES SIDE-BY-SIDE WITH 1/2" DUCT BETWEEN. SWITCH BY OWNER. SEE NOTE 35 FOR COUNTER MOUNTED TRANSFER SWITCH LOCATION.
- 17 (E) PLASTER DROPPED CEILING THIS AREA. RUN WIRING BELOW FLOOR TO CONCEAL AS REQUIRED.

- 24 6"X6"X4" J-BOX WITH SCREW COVER FLUSH IN WALL.
- 25 USE FOR PHONE AND/OR COMPUTER WIRING FROM CHECK OUT COUNTER TO "C2B".
- 26 SEE NOTE 54, SHEET E5.
- 27 FIRE ALARM ZONE NO. 14.
- 28 FIRE ALARM ZONE NO. 15.
- 29 FIRE ALARM ZONE NO. 16.
- 30 NOT USED.
- 31 SEE APPLICABLE NOTE 30, SHEET E6.
- 32 ELECTRIC WALL HEATER: CADET, CAT. NO. FW-051-T-FWC WITH THERMOSTAT. INSTALL FLUSH IN WALL, BOTTOM UP ± 24" AFF.
- 33 AREA ON OPPOSITE SIDE OF WALL IS A RAISED FLOOR BOOK CHECK OUT STAND; SEE SHEET 4 FOR PLAN AND ELEVATION DETAILS. INSTALL ALL OUTLETS SHOWN UP ± 24" ABOVE CONCRETE FLOOR, WIRE UNDER FLOOR TO AVOID UPPER WALL GLAZING.
- 34 CONNECT DOOR LOCK RELEASE AS REQUIRED; COORDINATE WITH DOOR SUPPLIER. RUN 1/2" C: 2#12 TO J-BOX AT CHECK OUT STAND.
- 35 PROVIDE (2) SINGLE GANG SURFACE MOUNT WIREMOLD BOXES-ONE FOR DOOR RELEASE PUSHBUTTON, OTHER FOR INMATE PHONE TRANSFER SWITCH. INSTALL BOX BOTTOMS JUST ABOVE COUNTER TOP ON (E) COLUMN SURFACE. PROVIDE EDWARDS NO. 850 OR EQUAL PUSHBUTTON FOR DOOR SWITCH WITH COVERPLATE; BLANK COVER FOR PHONE BOX.
- 36 RUN 1/2" C, 2#12 TO "MCC-C" CONTROLLER.

ONE LINE DIAGRAM - 120/208V, 3 PHASE, 4 WIRE

NO SCALE



BUILDING "C4" FLOOR PLAN - POWER / SIGNAL

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



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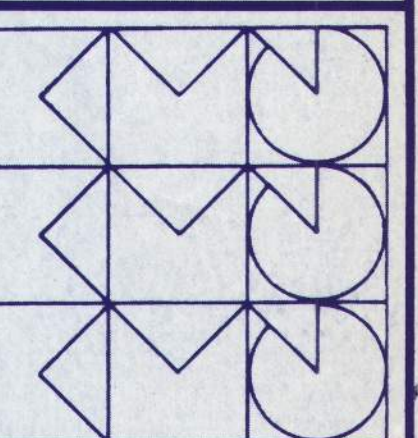
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E7

MECHANICAL EQUIPMENT SCHEDULE

CONNECTION NUMBER	DESIGNATOR	LOCATION	LOAD/VOLT/PHASE	CONDUIT/WIRE	DISCONNECT/FUSE/STARTER	REMARKS
(CIRC. PUMPS)						
CP-1	EAST ATTIC	5HP/208/3	1/2" C-13#10	30A-3P/-/1"	1	
CP-2	EAST ATTIC	5HP/208/3	1/2" C-13#10	30A-3P/-/1"	1	
(SMOKE REMOVAL)						
SRF-1	SOUTH ATTIC	1/2HP/208/3	1/2" C-13#12	30A-3P/-/0"	2,4	
(UNIT HEATERS)						
UH-1	1ST FLOOR	1/8HP/120/1	1/2" C-12#12	20A-1P/-/1"	3	
UH-2	1ST FLOOR	1/8HP/120/1	1/2" C-12#12			

REMARKS

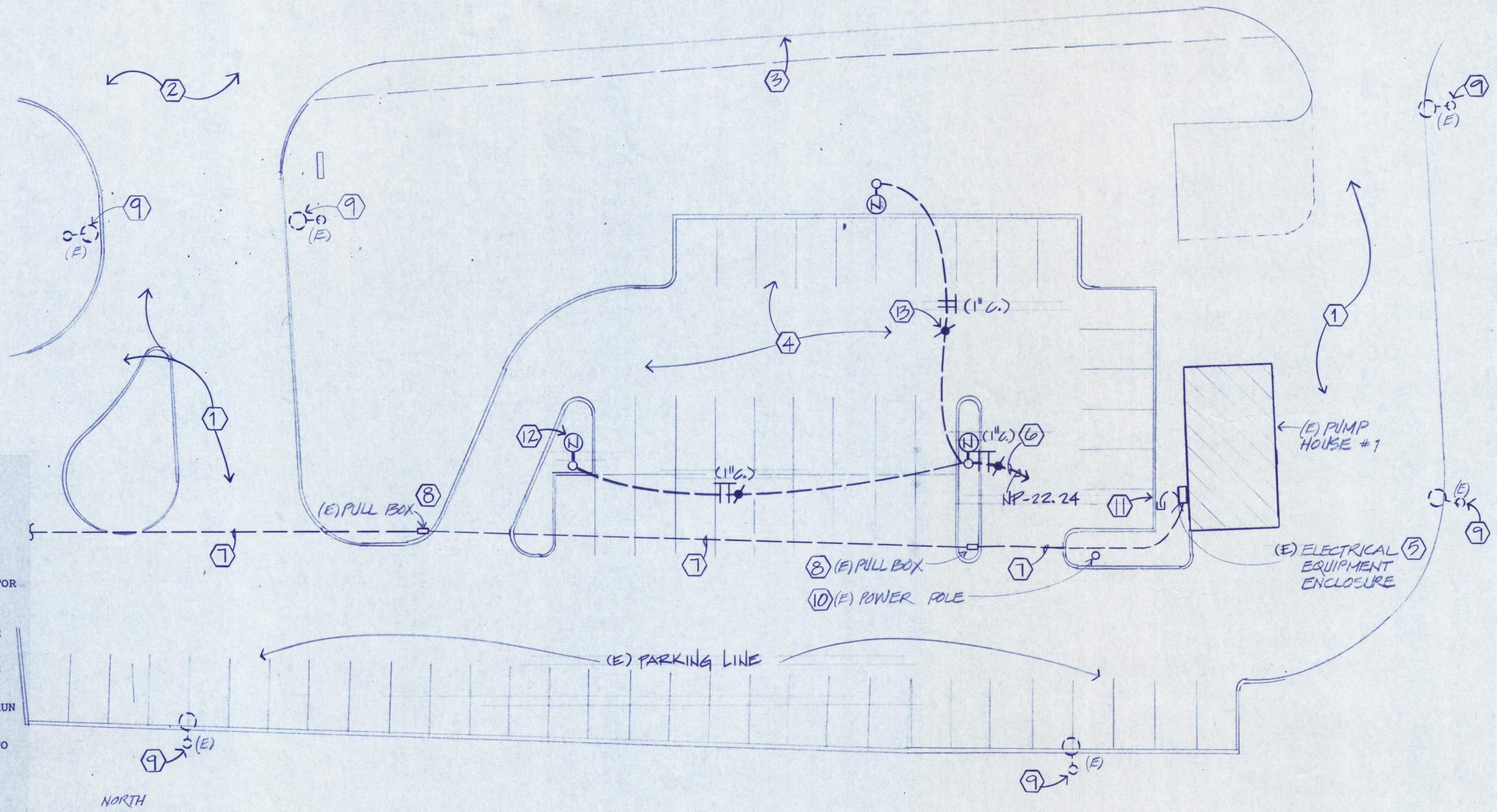
- IN LINE HOT WATER PUMP. PROVIDE (N) STARTER IN (E) BUCKET SPACE AT "MCC-C". RUN WIRING OVERHEAD ABOVE RAFTER TIE BEAMS.
- PROVIDE AND CONNECT TO (N) STARTER AT "MCC-C". WIRE SAME AS CP'S.
- HEATER PROVIDED BY MECHANICAL CONTRACTOR AT CEILING; C.A.R.
- UNIT SERVES 3RD/4TH SOUTH ATRIUM SPACE. CONNECT TO 4TH FLOOR CEILING SMOKE DETECTORS FOR CONTROL. UPON ACTIVATION OF BOTH SMOKE DETECTORS, CONNECT TO TRAP FAN STARTS AND RELATED DAMPER OPENS, AND FAN ATRIUM STOPS WITH DAMPER CLOSURE WHEN ALARM CONDITION CLEARS.

NORTH PARKING LOT NOTES

- (E) PAVED DRIVE SERVING PARKING AREA.
- (N) MAIN ENTRY DRIVEWAY FROM MAIN HIGHWAY.
- (E) SIDEWALK TO REMAIN.
- (N) PARKING AREA. SETBACK LIGHT POLE BASES +36" MINIMUM FROM PAVING. COORDINATE LOCATIONS WITH LANDSCAPE CONTRACTOR TO PREVENT CONFLICTS WITH PLANT MATERIALS AND SPRINKLER SYSTEM.
- ENCLOSURE CONTAINS (E) PANEL "NP". PROVIDE 20A-2P BREAKER FOR (N) TYPE "N" LUMINAIRES (22K, A.I.C.).
- HOMERUN DIRECT TO PANEL "NP". CONNECT THROUGH SPARE POLES ON PHOTOCELL CONTROLLED CONTACTOR.
- APPROXIMATE LOCATION (E) MAIN EAST/WEST UNDERGROUND DUCT RUN SERVING (E) PARKING LIGHTS. COORDINATE WITH "ECC" AND LANDSCAPE CONTRACTOR. 3" DUCT MAY BE LESS THAN 18" BELOW GRADE. EXPOSE TO VERIFY AS REQUIRED. REPAIR ALL DAMAGE TO WIRING SYSTEM DUE TO CONSTRUCTION AT NO COST TO OWNER.
- (E) WIRING PULLBOX; DO NOT DISTURB. PROTECT DURING CONSTRUCTION PERIOD.
- POLE MOUNTED LUMINAIRE INSTALLED AT PHASE 8.
- APPROXIMATE LOCATION (E) UTILITY POLE WITH SERVICE TRANSFORMERS SERVING PANEL "NP" TO REMAIN. PROTECT UNDERGROUND SERVICE.
- CAREFULLY UNCOVER (E) 1 1/2" DUCT STUBBED FROM BENEATH EQUIPMENT ENCLOSURE. MODIFY AS REQUIRED AND EXTEND FOR (N) LIGHTING BRANCH CIRCUIT. CONNECT TO PANEL AS REQUIRED.
- (N) POLE LUMINAIRE TO MATCH EXISTING TYPICAL OF (3). SEE BASE DETAIL, SH. E12.
- NO. 10 GROUND WIRE IN CONDUIT, TYPICAL.

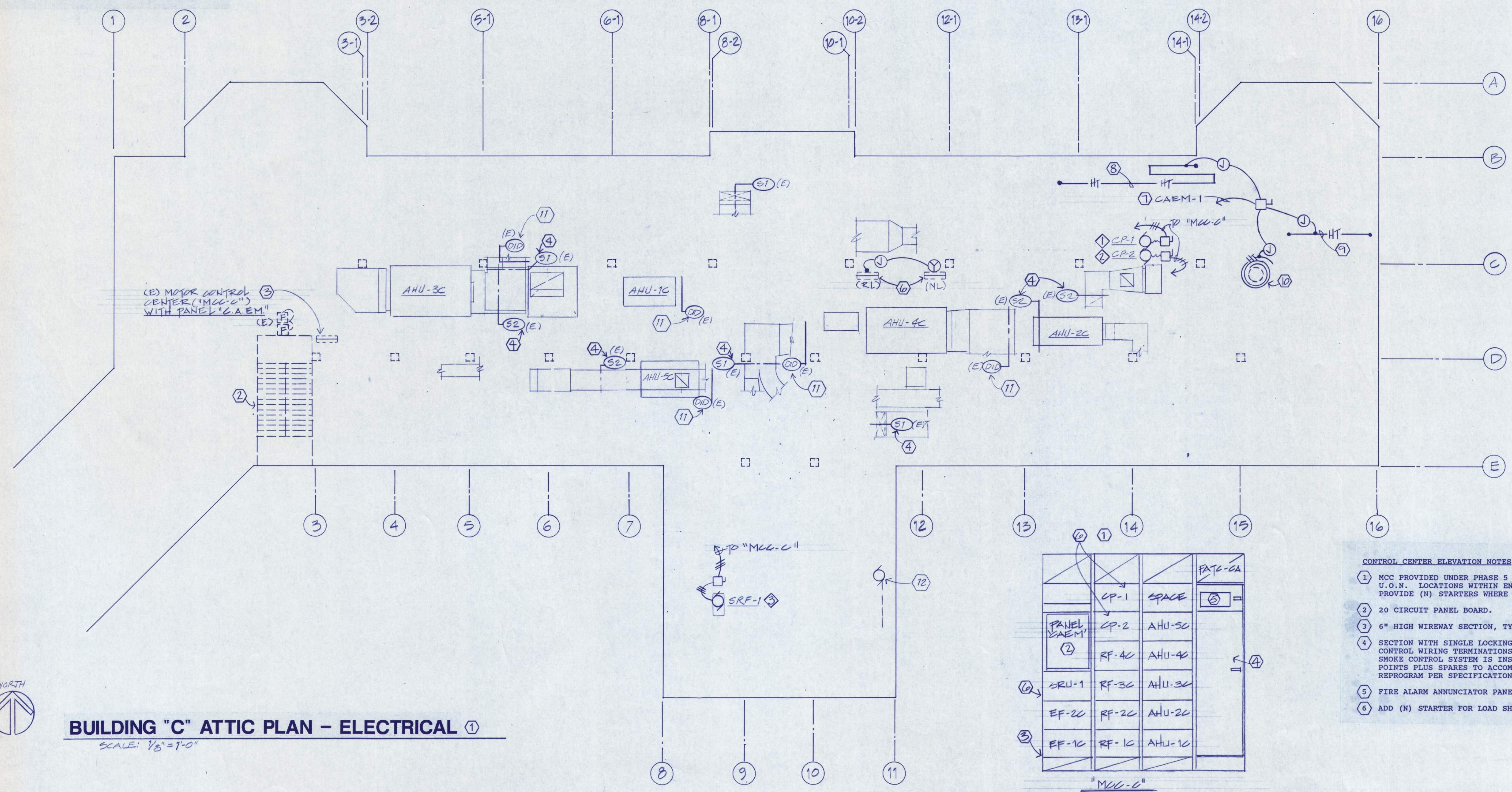
ATTIC PLAN NOTES

- ALL THE PLAN SHOWN HVAC EQUIPMENT IN THIS ATTIC TO SERVE LOWER BUILDING FLOORS EXISTS, U.O.N. MAKE (N) CONNECTIONS SHOWN.
- (E) STAIR TO ATTIC.
- SQ. "D" CONTROL EQUIPMENT INSTALLED UNDER PREVIOUS PHASE 5 CONSTRUCTION. SEE ELEVATION, THIS SHEET.
- (E) SMOKE DAMPER, TYPICAL WHERE SHOWN.
- NOT USED.
- (E) HVAC TEMP CONTROL PANEL ("TCP-4") TO BE RELOCATED EAST; EXTEND 120 VOLT CONTROL POWER IN 1/2" DUCT AS REQUIRED.
- PROVIDE HEAT TAP POWER CIRCUIT AND 20A1P DISCONNECT LABELED "HEAT TAP". EXTEND TO INDIVIDUAL CONNECTIONS NOTED BELOW.
- CONNECT TO ± 60 FEET OF CABLE FOR MAKE-UP HOT WATER PIPE.
- CONNECT TO ± 15 FEET OF CABLE FOR CHEMICAL FEEDER PIPE.
- WRAP ± 70 FEET OF CABLE AROUND AN EXPANSION TANK, 5 TO 6 COMPLETE TURNS.
- APPROXIMATE LOCATION DUCT SMOKE DETECTOR. REPROGRAM FOR LOCAL FAN (AHU) SHUTDOWN ON DETECTION OF SMOKE PARTICLES. SEE MECHANICAL/ELECTRICAL SPECIFICATIONS AND PROJECT ADDENDUM FOR FURTHER DETAIL.
- APPROXIMATE LOCATION AUTOMATIC DAMPER FOR RELIEF AIR AT FLOOR "C3", BELOW. WORKS WITH ATTIC SMOKE REMOVAL FAN "SRF-1".



PARTIAL NORTH PARKING LOT PLAN - ELECTRICAL

SCALE: 1"=20'-0"



BUILDING "C" ATTIC PLAN - ELECTRICAL

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

1 MOTOR CONTROL CENTER ELEVATION

NO SCALE

CONTROL CENTER ELEVATION NOTES

- MCC PROVIDED UNDER PHASE 5 CONTRACT. STARTERS SHOWN EXIST, U.O.N. LOCATIONS WITHIN ENCLOSURES MAY NOT BE ACCURATE. PROVIDE (N) STARTERS WHERE NOTED.
- 20 CIRCUIT PANEL BOARD.
- 6" HIGH WIREWAY SECTION, TYPICAL.
- SECTION WITH SINGLE LOCKING DOOR FOR FIRE ALARM AND SMOKE CONTROL WIRING TERMINATIONS. PROGRAMMABLE CONTROLLER FOR SMOKE CONTROL SYSTEM IS INSTALLED WITHIN. ADD INPUT/OUTPUT POINTS PLUS SPARES TO ACCOMMODATE NEW SMOKE CONTROL SYSTEM. REPROGRAM PER SPECIFICATIONS, AND PROJECT ADDENDUM.
- FIRE ALARM ANNUNCIATOR PANEL, C-ATTIC (FAAP-CA).
- ADD (N) STARTER FOR LOAD SHOWN. SEE SCHEDULE.



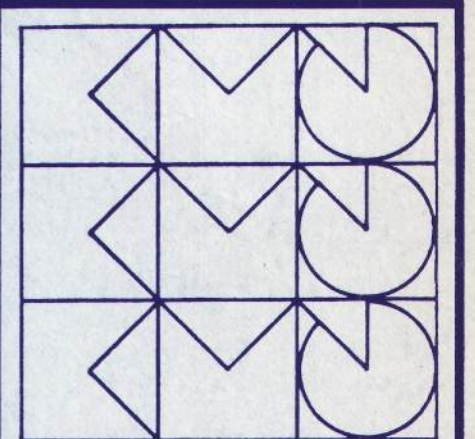
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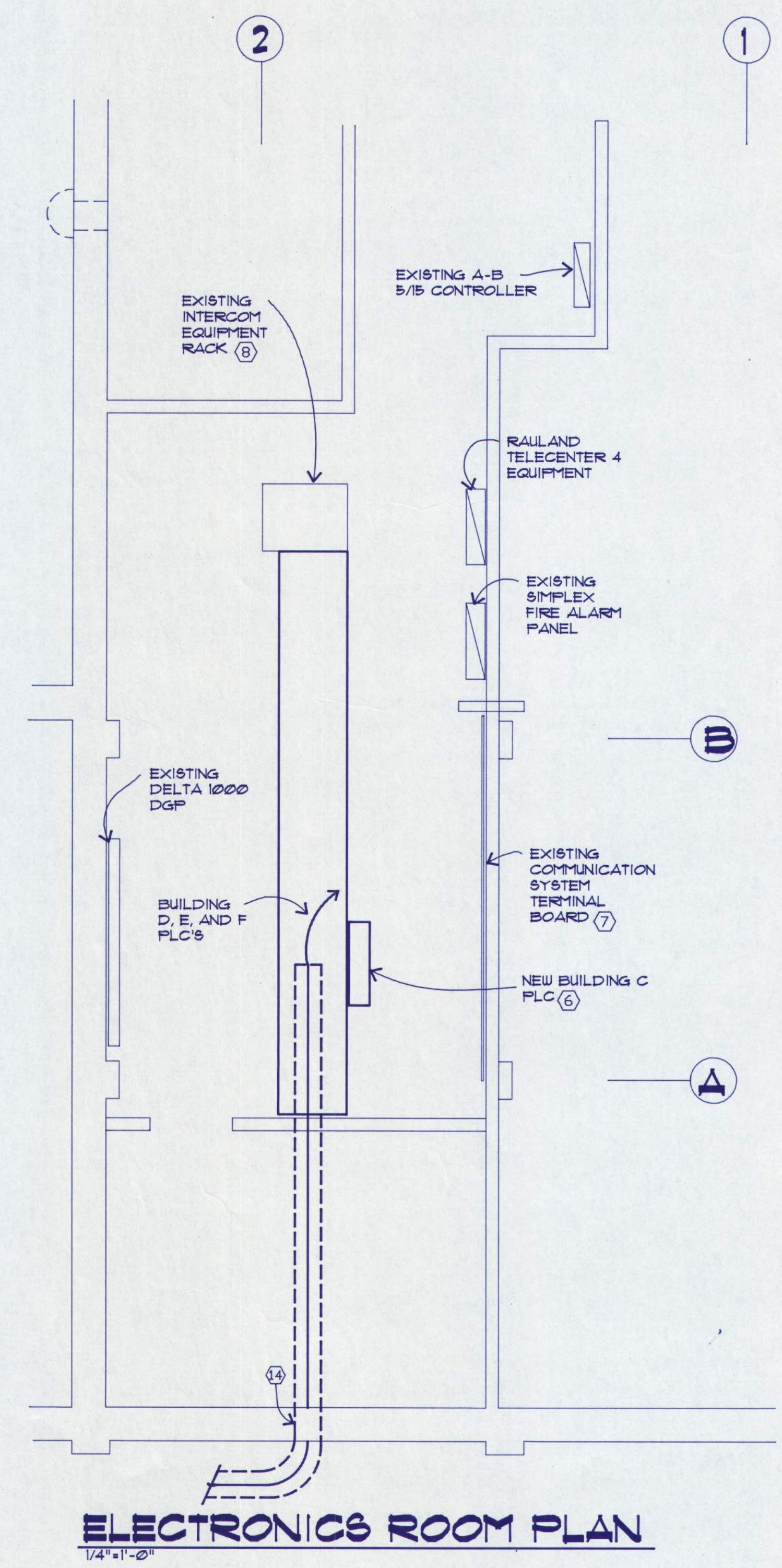
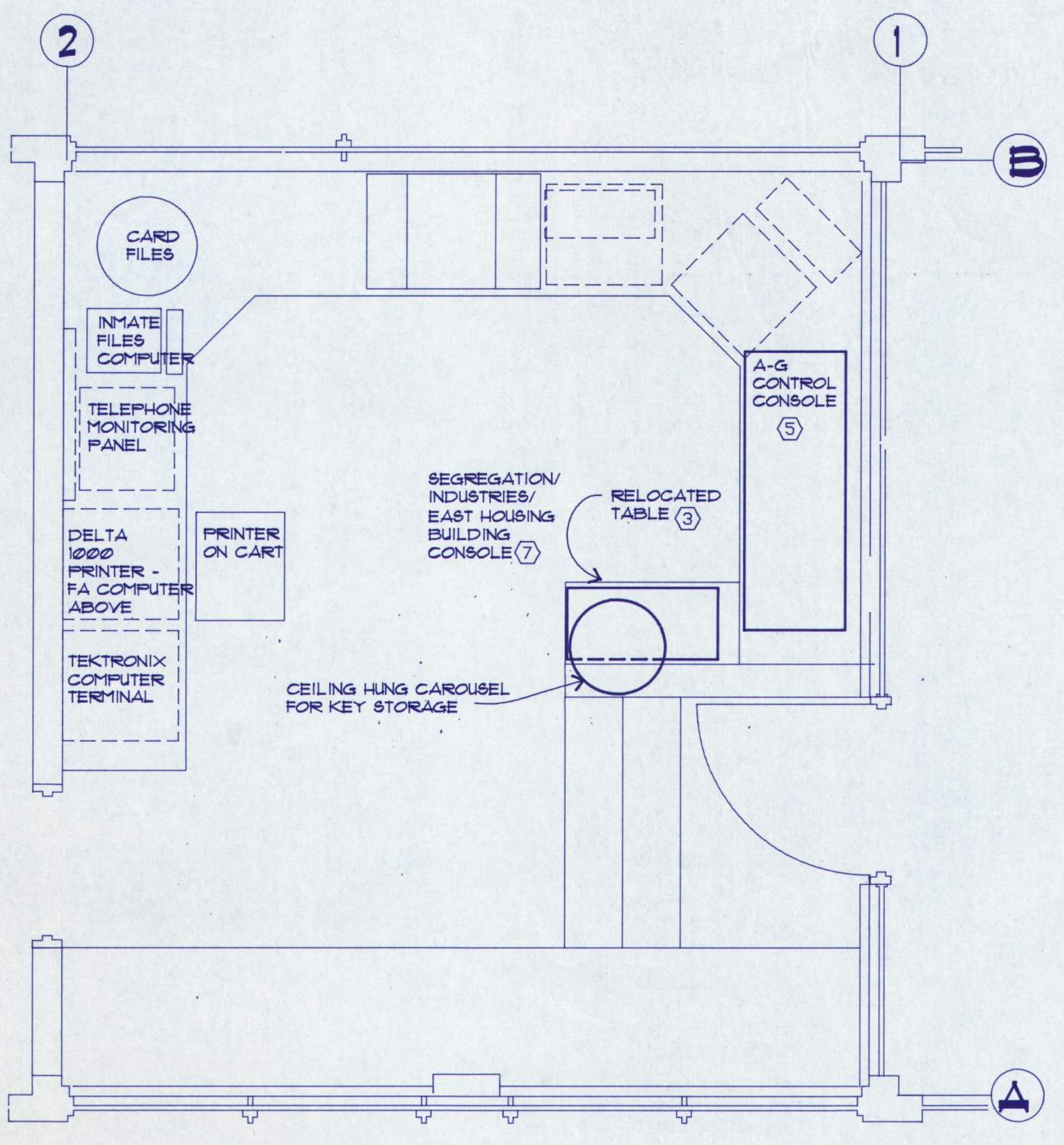
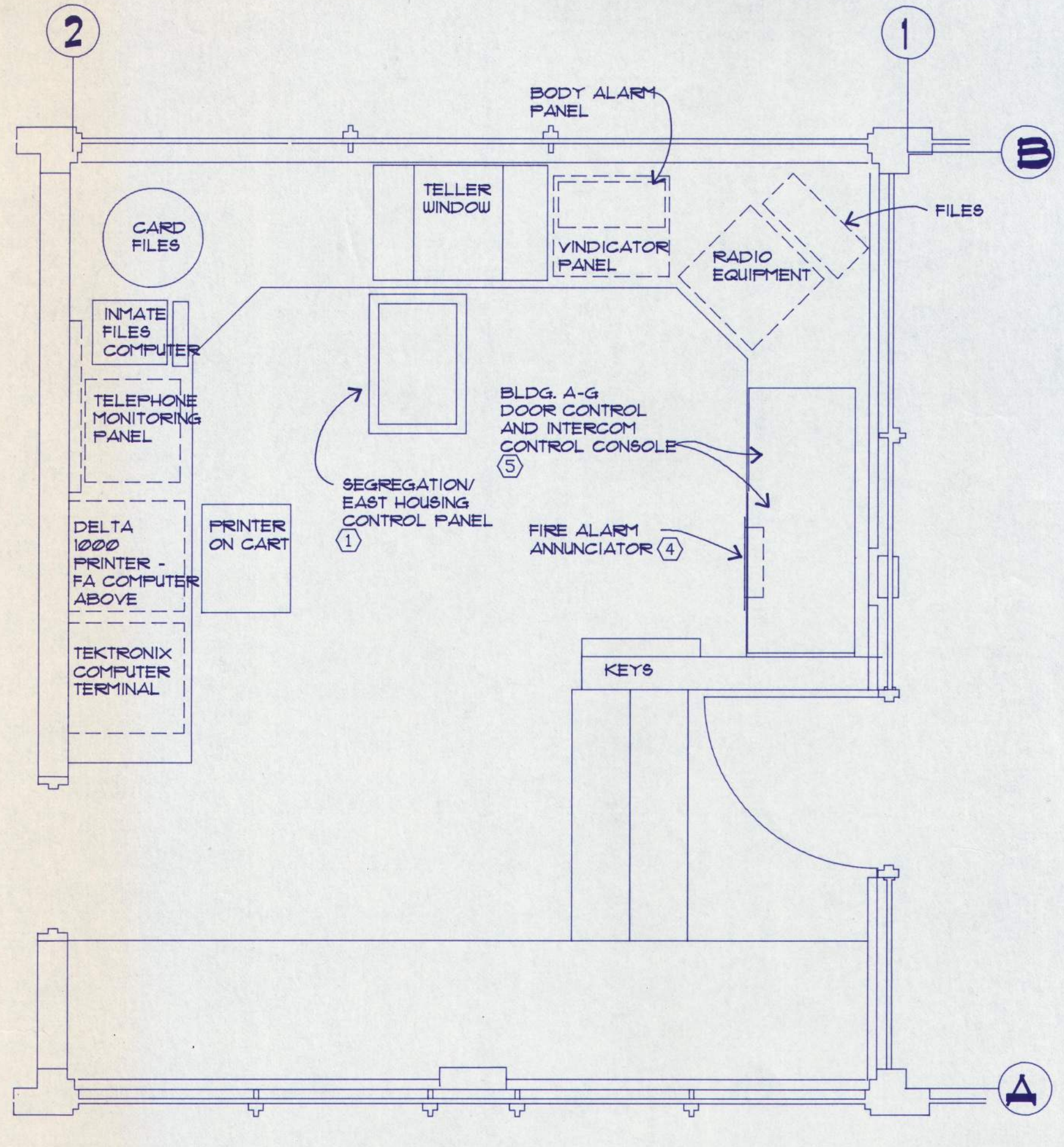
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CONTROL CENTER AND ELECTRONICS ROOM NOTES

- ① PROVIDE NEW TURRET AND RELOCATE CONTROL/ANNUNCIATOR PANEL TO NEW LOCATION SEE DRAWING E10 DETAIL FOR CHANGES IN THIS PANEL.
- ② KEY CAROUSEL AND KEY RELOCATION BY OWNER.
- ③ RELOCATE TABLE ON WHICH EXISTING SEGREGATION/INDUSTRIES/EAST HOUSING CONSOLE IS MOUNTED.
- ④ REMOVE EXISTING ANNUNCIATOR PANEL AND REPAIR PANEL OPENING. MOUNT ANNUNCIATOR PANEL IN NEW SECTION TO SEGREGATION/EAST HOUSING CONTROL PANEL. SEE DRAWING E10.
- ⑤ SLIDE CONSOLE AS FAR NORTH AS POSSIBLE. SEE CONSOLE REVISION PLAN FOR CHANGES IN THIS CONSOLE.
- ⑥ LOCATE NEW ALLEN BRADLEY 5-15 PLC FOR INTERCOM, DOOR CONTROL AND MONITORING AT THIS LOCATION.
- ⑦ TERMINATE INTERCOM AND TELEPHONE SYSTEM WIRING ON THIS TERMINAL BOARD. CROSS CONNECT TELEPHONE WIRING TO NEW TELEPHONE CABLE WHICH EXTENDS TO THE MAIN TELEPHONE ROOM. APPROXIMATELY 50 FEET NORTH OF THIS POINT RUN CABLE IN EXISTING CABLE TRAY.
- ⑧ EXISTING OCR AMPLIFIERS ARE MOUNTED IN THIS EQUIPMENT TACK.

BUILDING 'A'	BUILDING 'B'	BUILDING 'C'
1 13 25 37	1 13 25 37	1 13 25 37
2 14 26 38	2 14 26 38	2 14 26 38
3 15 27 39	3 15 27 39	3 15 27 39
4 16 28 40	4 16 28 40	4 16 28 40
5 17 29 41	5 17 29 41	5 17 29 41
6 18 30 42	6 18 30 42	6 18 30 42
7 19 31 43	7 19 31 43	7 19 31 43
8 20 32 44	8 20 32 44	8 20 32 44
9 21 33 45	9 21 33 45	9 21 33 45
10 22 34 46	10 22 34 46	10 22 34 46
11 23 35 47	11 23 35 47	11 23 35 47
12 24 36 48	12 24 36 48	12 24 36 48

BUILDING 'D'	BUILDING 'E'	BUILDING 'F'	BUILDING 'G'
1 13 25 37	1 13 25 37	1 13 25 37	1 13 25 37
2 14 26 38	2 14 26 38	2 14 26 38	2 14 26 38
3 15 27 39	3 15 27 39	3 15 27 39	3 15 27 39
4 16 28 40	4 16 28 40	4 16 28 40	4 16 28 40
5 17 29 41	5 17 29 41	5 17 29 41	5 17 29 41
6 18 30 42	6 18 30 42	6 18 30 42	6 18 30 42
7 19 31 43	7 19 31 43	7 19 31 43	7 19 31 43
8 20 32 44	8 20 32 44	8 20 32 44	8 20 32 44
9 21 33 45	9 21 33 45	9 21 33 45	9 21 33 45
10 22 34 46	10 22 34 46	10 22 34 46	10 22 34 46
11 23 35 47	11 23 35 47	11 23 35 47	11 23 35 47
12 24 36 48	12 24 36 48	12 24 36 48	12 24 36 48

A-G CONTROL CONSOLE REVISIONS

1/4" = 1"

A-G CONTROL NOTES

SWITCH NUMBER	PREVIOUS FUNCTION	DOOR / AREA	REVISED FUNCTION	DOOR / AREA	NOTE REF.
A22	SPARE		DOOR CONTROL	A246	5
A40	SPARE		DOOR CONTROL	A327	5
A46	SPARE		DOOR CONTROL	A423	5
B22	SPARE		DOOR CONTROL	B247	5
B40	SPARE		DOOR CONTROL	B328	5
B46	SPARE		DOOR CONTROL	B424	5
D1	SPARE		DOOR CONTROL	E113	2
D2	SPARE		DOOR CONTROL	E210	2
D3	SPARE		DOOR CONTROL	E310	2
D4	SPARE		DOOR CONTROL	E409	2
D5	SPARE		DOOR CONTROL	F121	2
D6	SPARE		DOOR CONTROL	F210	2
D7	SPARE		DOOR CONTROL	F310	2
D8	SPARE		DOOR CONTROL	F410	2
D9	SPARE		DOOR CONTROL	G112	2
D10	SPARE		DOOR CONTROL	G236	2
D11	SPARE		DOOR CONTROL	G308	2
D12	SPARE		DOOR CONTROL	G403	2

SWITCH NUMBER	PREVIOUS FUNCTION	DOOR / AREA	NOTE REF.	REVISED FUNCTION	DOOR / AREA
C1-C7	NO CHANGES THIS CONTRACT				
C8	DOOR MONITOR	C201	3	SPARE	C300
C9	DOOR MONITOR	C242	3	DOOR CONTROL	C300
C10	DOOR MONITOR	C243	3	DOOR CONTROL	C310
C11	SPARE			DOOR CONTROL	C323
C12	INTERCOM	EAST DINING	1	DOOR MONITOR	C316
C13-C17	NO CHANGE THIS CONTRACT				
C18	SPARE			INTERCOM	C1 EAST CORR/DOR
C19	NO CHANGE THIS CONTRACT				
C20	INTERCOM	C1 EAST CORR/DOR	2	SPARE	
C21	SPARE			DOOR CONTROL	C301
C22	SPARE			DOOR CONTROL	C325
C23	SPARE			DOOR CONTROL	C324
C24	INTERCOM	WEST DINING	1	DOOR CONTROL	FLOOR C3
C25	GROUP DOOR RD.	EAST DINING	1	DOOR CONTROL	C200
C26	DOOR MONITOR	C301	3	DOOR CONTROL	C222
C27	DOOR MONITOR	C325	3	DOOR CONTROL	C235
C28	DOOR MONITOR	C324	3	DOOR CONTROL	C234
C29	SPARE			DOOR CONTROL	C209
C30	SPARE			DOOR CONTROL	C244
C31	SPARE			INTERCOM	FLOOR C2
C32	DOOR MONITOR	C401	3	SPARE	
C33	DOOR MONITOR	C418	3	DOOR CONTROL	C400
C34	DOOR MONITOR	C403	4	DOOR CONTROL	C418
C35	INTERCOM	EAST DINING ENTRY	1	DOOR CONTROL	C421
C36	INTERCOM	WEST DINING ENTRY	1	DOOR MONITOR	C408
C37	GROUP DOOR REL.	WEST DINING	1	DOOR CONTROL	C201
C38	DOOR CONTROL	DINING HALL	1	DOOR CONTROL	C223
C39	DOOR CONTROL	DINING HALL	1	DOOR CONTROL	C242
C40	DOOR CONTROL	DINING HALL	1	DOOR CONTROL	C243
C41	DOOR CONTROL	DINING HALL	1	DOOR CONTROL	C210
C42	DOOR CONTROL	DINING HALL	1	DOOR MONITOR	C238
C43	DOOR CONTROL	DINING HALL	1	INTERCOM	C2 OFFICER
C44	DOOR CONTROL	DINING HALL	1	SPARE	
C45	DOOR CONTROL	DINING HALL	1	DOOR CONTROL	C401
C46	DOOR CONTROL	DINING HALL	1	SPARE	
C47	DOOR CONTROL	DINING HALL	1	SPARE	
C48	DOOR CONTROL	DINING HALL	1	INTERCOM	FLOOR C4

NOTES

- 1 RELOCATE SWITCH FUNCTION TO SEG/INDUSTRIES EAST HOUSING CONTROL PANEL. SEE DRAWING E-10. EXTEND WIRING AS REQUIRED.
- 2 RELOCATE SWITCH FUNCTION WITHIN EXISTING A-G CONTROL CONSOLE.
- 3 ADD DOOR CONTROL CAPABILITY AND RELOCATE MONITORING AND CONTROL WITHIN A-G CONTROL CONSOLE.
- 4 DELETE EXISTING DOOR SWITCH FUNCTION
- 5 PROVIDE NEW DOOR CONTROL FUNCTION UNDER ALTERNATE BID *1.

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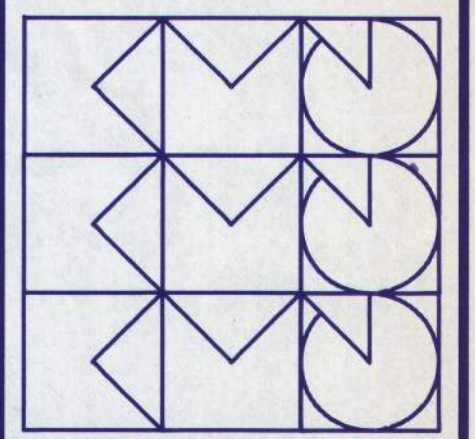
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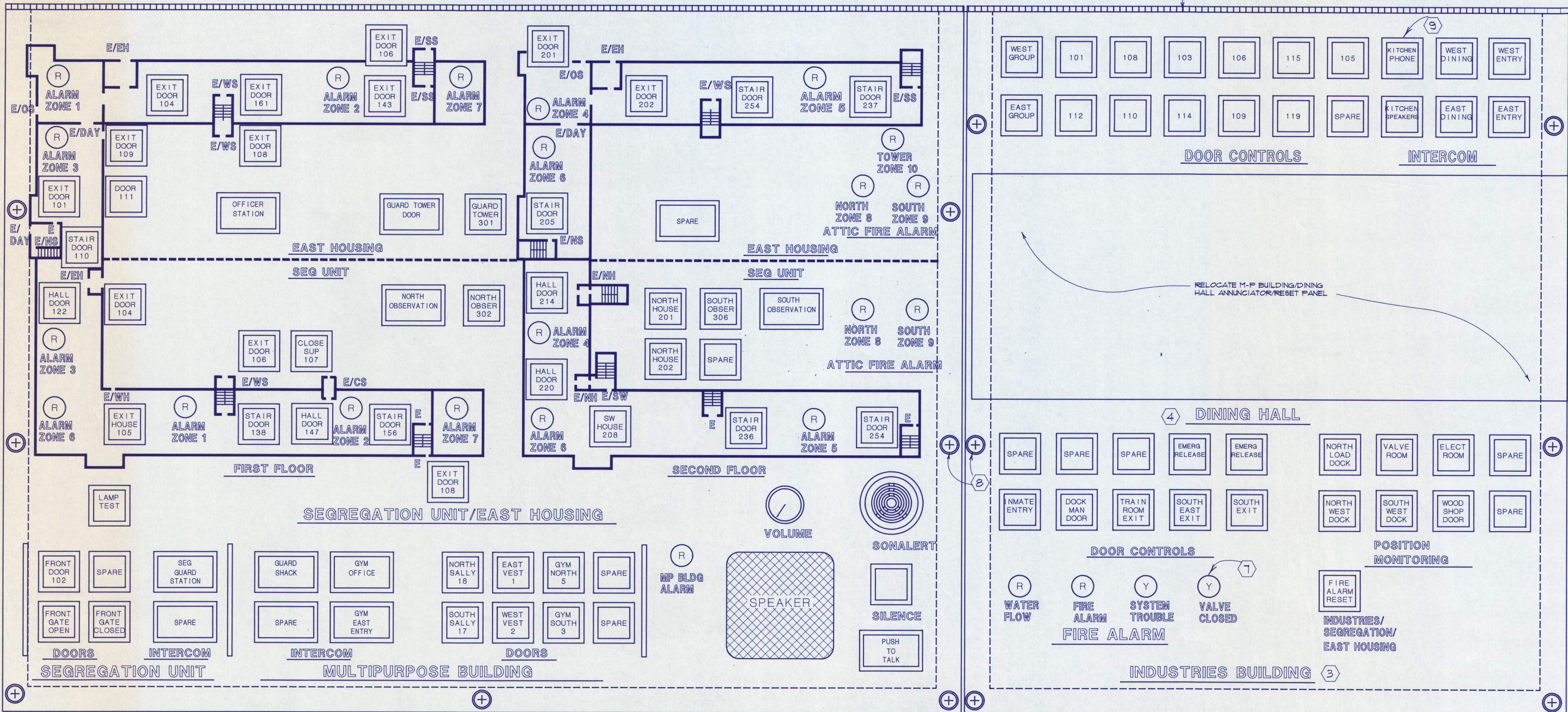
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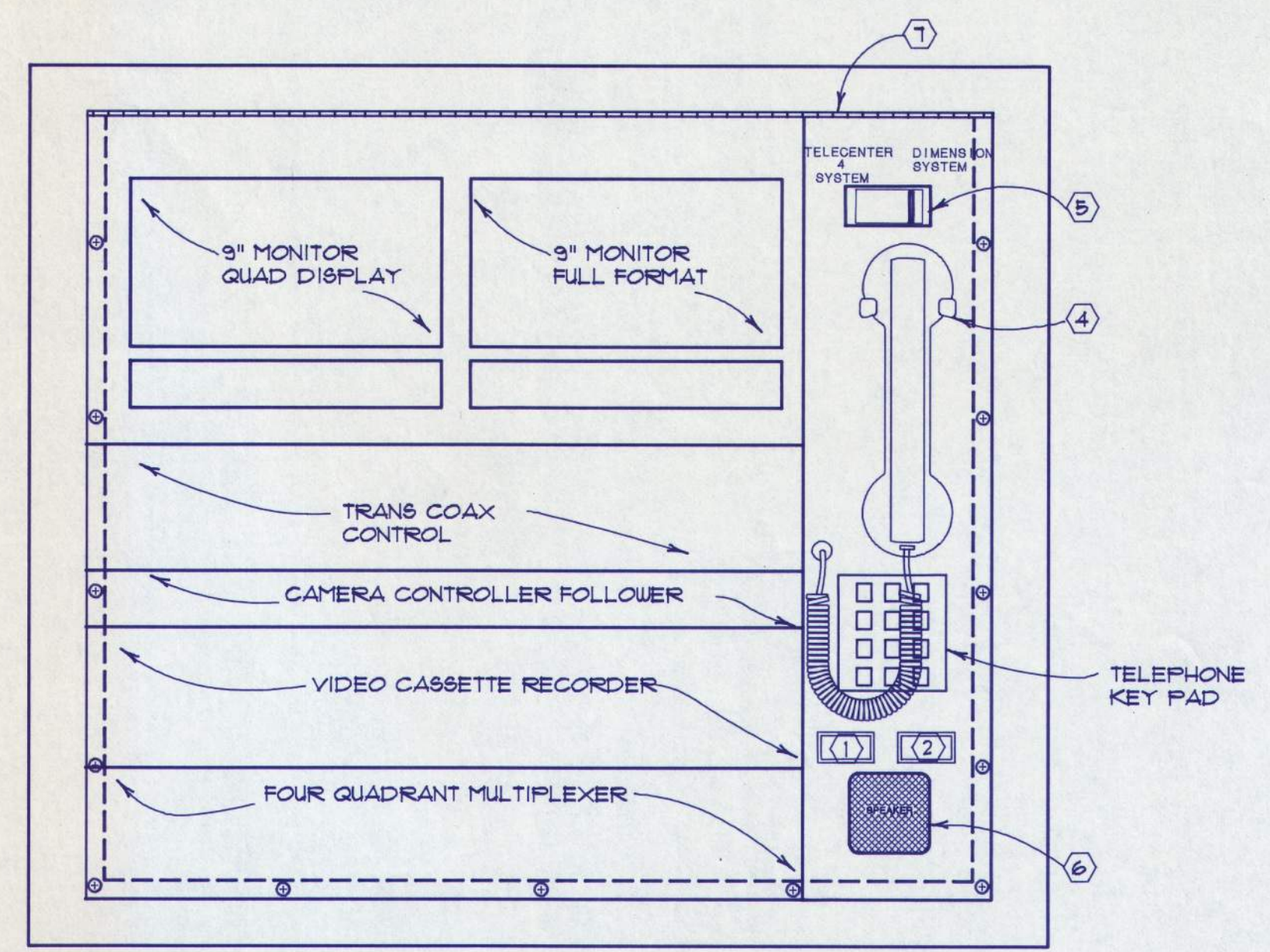


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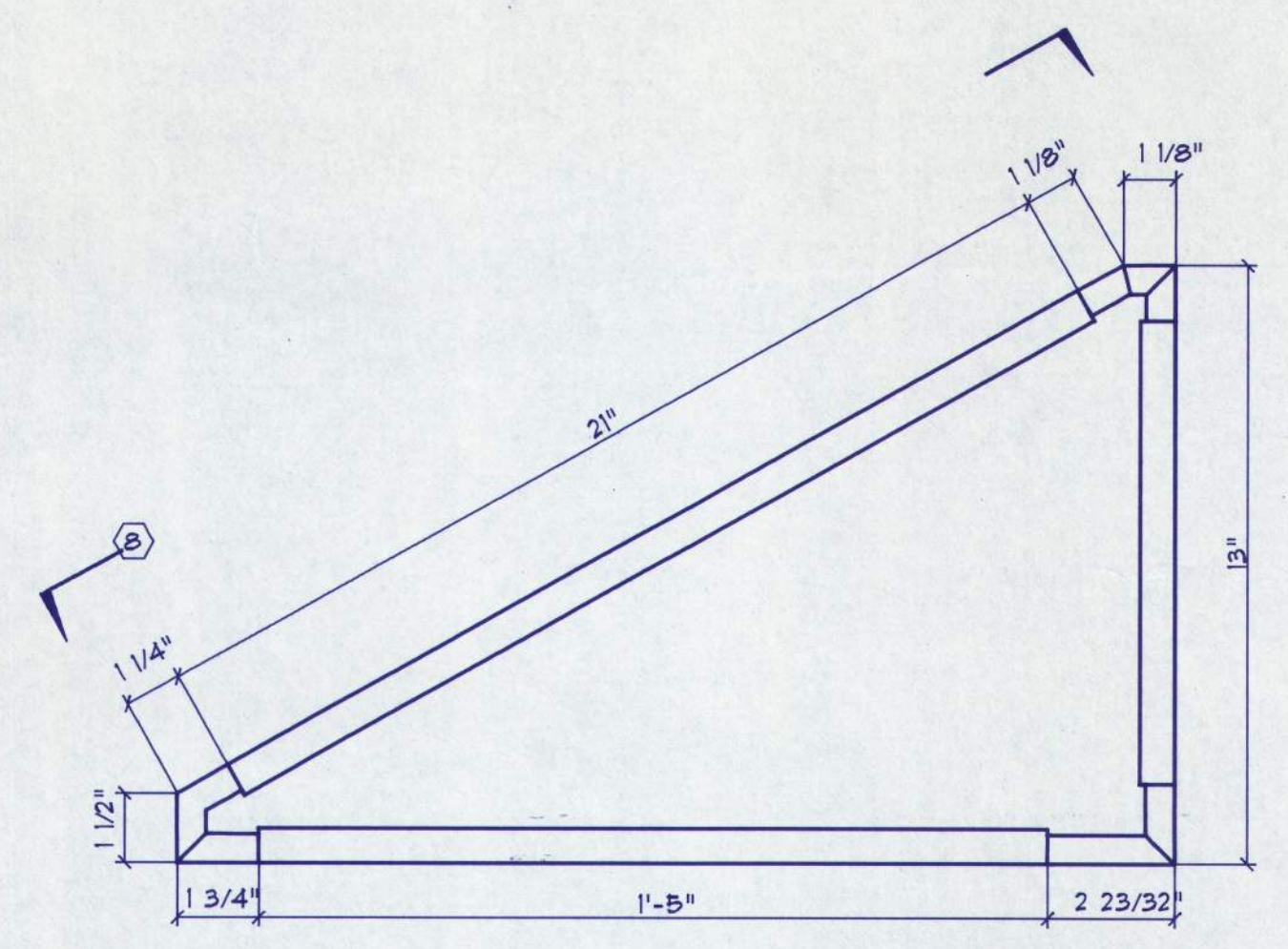
E10



SEG/INDUSTRIES/EAST HOUSING-CONTROL PANEL
FULL SCALE (31" W X 14" H)



OFFICERS STATION CONTROL PANEL ③
1/4" = 1"



TURRET SECTION-OFFICERS STATION
1/4" = 1"

NOTES - SEG/INDUSTRIES/EAST HOUSING CONTROL PANEL

- ① REPLACE EXISTING TURRET CONTAINING SEGREGATION/EAST HOUSING PANEL AND INSTALL NEW TURRET AND PANEL IN NEW LOCATION.
- ② FABRICATE REPLACEMENT PANEL FOR EXISTING INDUSTRIES BUILDING PANEL SECTION. SEE SPECIFICATIONS.
- ③ PROVIDE NEW DOOR CONTROL AND MONITORING SWITCHES FOR INDUSTRIES BUILDING IN NEW PANEL. INTERFACE WITH EXISTING FIELD WIRING. REUSE EXISTING ENGRAVED SWITCH CAPS WHERE FEASIBLE.
- ④ PROVIDE NEW DOOR CONTROL, MONITORING AND INTERCOM SWITCHES FOR DINING HALL FUNCTIONS RELOCATED FROM THE BUILDING A-G CONTROL CONSOLE.
- ⑤ SEE DRAWING E-9 FOR NEW PANEL LOCATION. REROUTE WIRING FROM EXISTING LOCATION TO NEW. REUSE EXISTING PANEL TURRET.
- ⑥ PANEL TO HINGE ALONG TOP. FULL PIANO TYPE.
- ⑦ TYPICAL FIRE ALARM ANNUCIATOR INDICATOR Y-YELLOW LED, R-RED LED.
- ⑧ PHILLIPS RETAINING SCREW WITH STAINLESS STEEL LOCK WASHERS SECURED TO ANGLE MOUNTING STUDS. TYPICAL.
- ⑨ TYPICAL INTERCOM, DOOR CONTROL OR DOOR MONITORING SWITCH. SEE SPECIFICATIONS FOR COLOR AND SWITCH ACTION.

NOTES - OFFICERS STATION CONTROL PANEL

- ① INTERCOM PUSHBUTTON LABELED 'OCR' PRESSING PUSHBUTTON WILL CAUSE CORRESPONDING PUSHBUTTON IN COR TO FLASH. WHEN INTERCOMMUNICATION IS ESTABLISHED BY OCR, OFFICERS STATION PUSHBUTTON WILL LIGHT SOLID.
- ② DOOR CONTROL PUSHBUTTON FOR VISITOR DOOR #2 LABELED 'VISITOR DOOR'.
- ③ RACK MOUNT CCTV EQUIPMENT IN NEW DESK TOP TURRET. EQUIPMENT DEPTH WILL REQUIRE AN OPENING IN THE COUNTERTOP. COORDINATE EQUIPMENT LOCATION AND REQUIRED OPENING WITH OTHER TRADES.
- ④ BLACK TELEPHONE HANDSET INTERFACED WITH BOTH TELECENTER 4 AND DIMENSION TELEPHONE SYSTEM EQUIPMENT PROVIDE 6 FOOT CORD WITH PLUG-IN TERMINAL.
- ⑤ ROCKER SWITCH WHICH SWITCHES HANDSET BETWEEN TELECENTER 4 SYSTEM AND DIMENSION TELEPHONE SYSTEM.
- ⑥ SPEAKER FOR COMMUNICATION WITH OCR CONTROL CONSOLE.
- ⑦ CONTINUOUS HINGE, PIANO TYPE.
- ⑧ SEE CONTROL PANEL PLAN.
- ⑨ PHILLIPS RETAINING SCREW WITH STAINLESS STEEL LOCK WASHERS SECURED TO ANGLE MOUNTING STUDS. TYPICAL.



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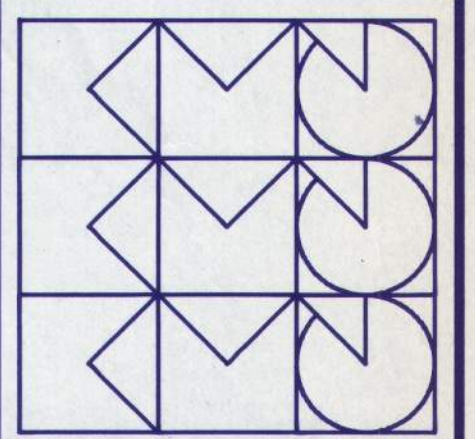
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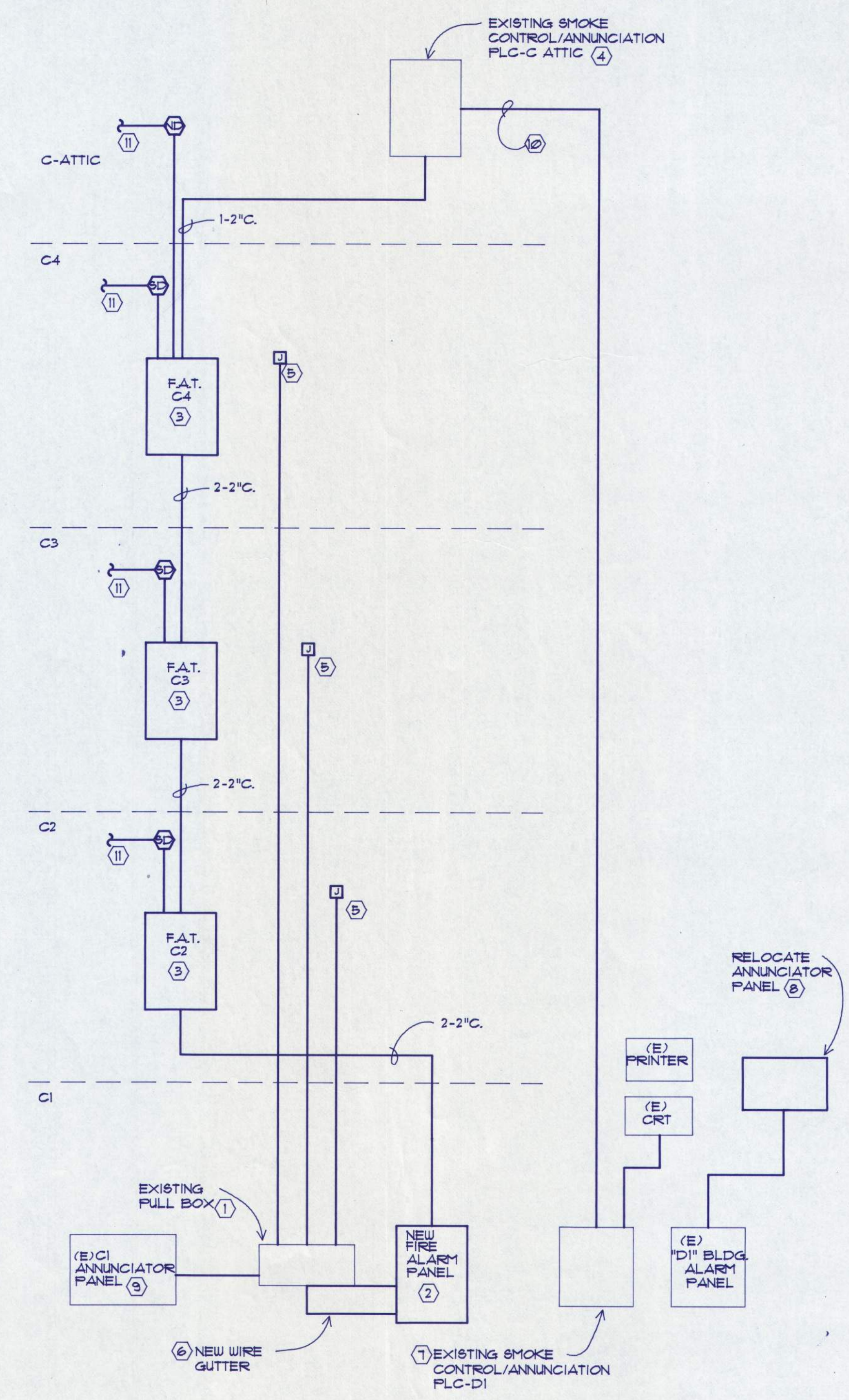
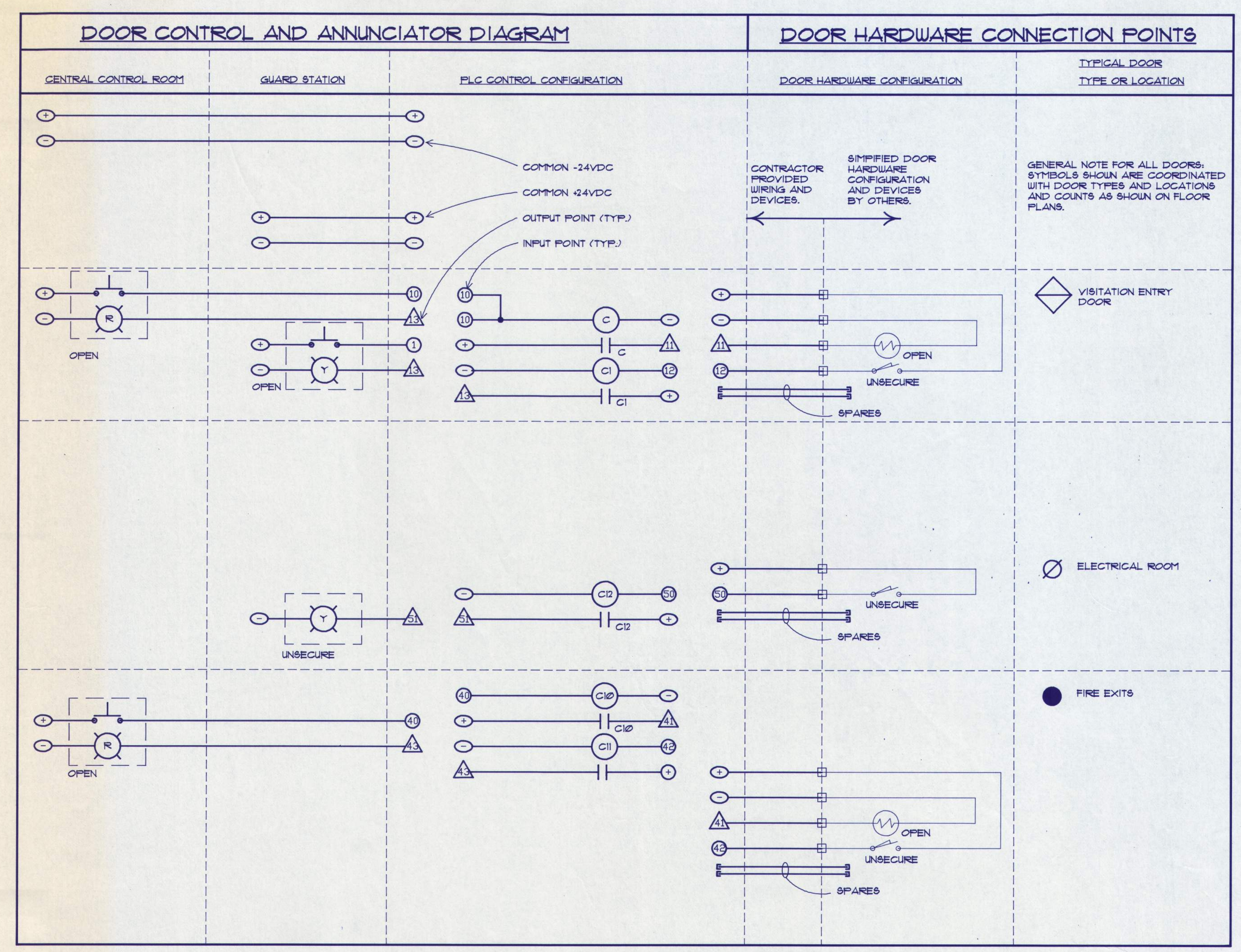
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865 THIRTIETH AVENUE EAST / EUGENE, OREGON 97401 / (503) 384-3249



APPROVED JPK
DRAWN JPK/DJB
DATE AUG 22, 1990
JOB

E11

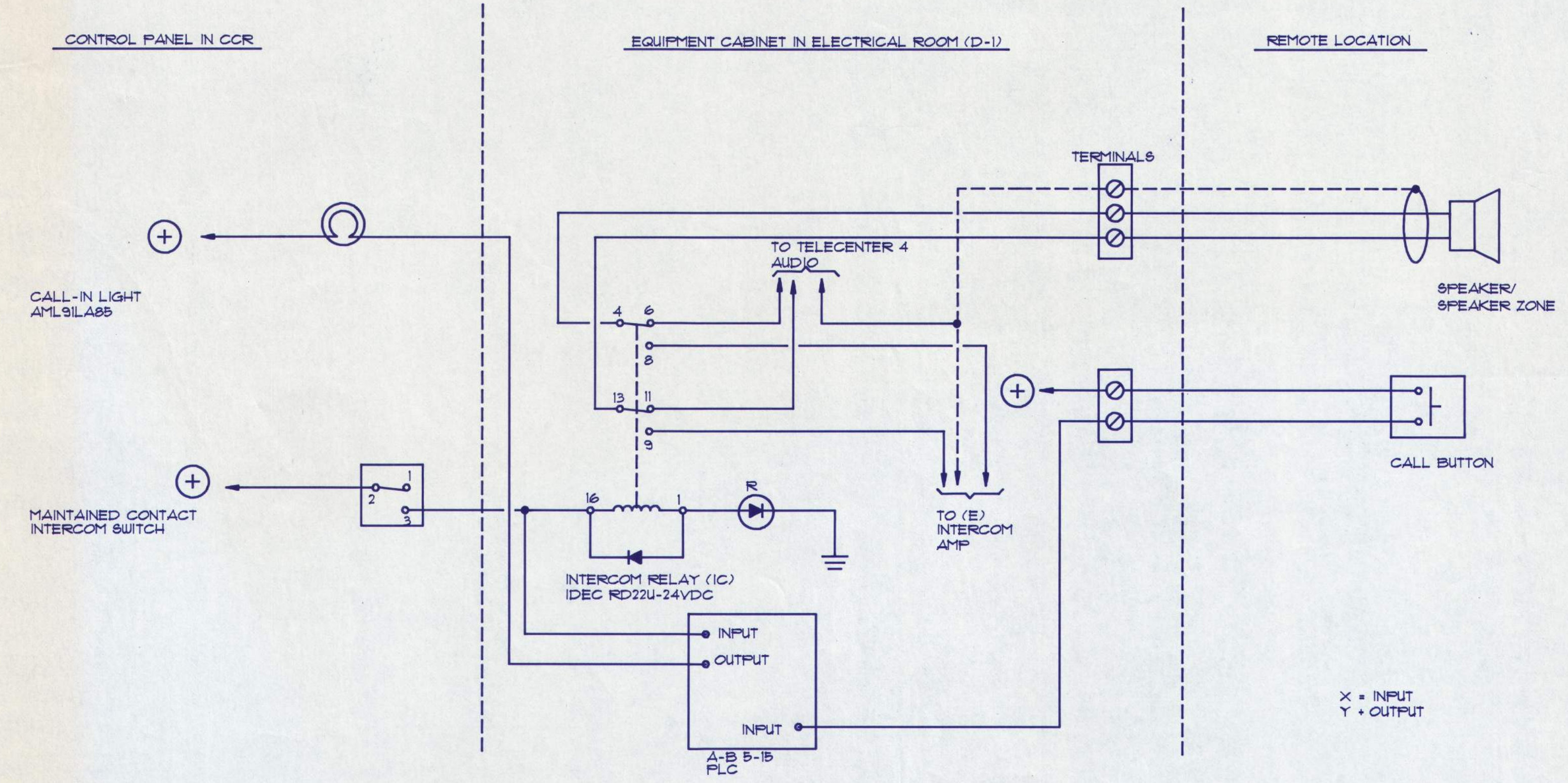


FIRE ALARM RISER DIAGRAM

NO SCALE

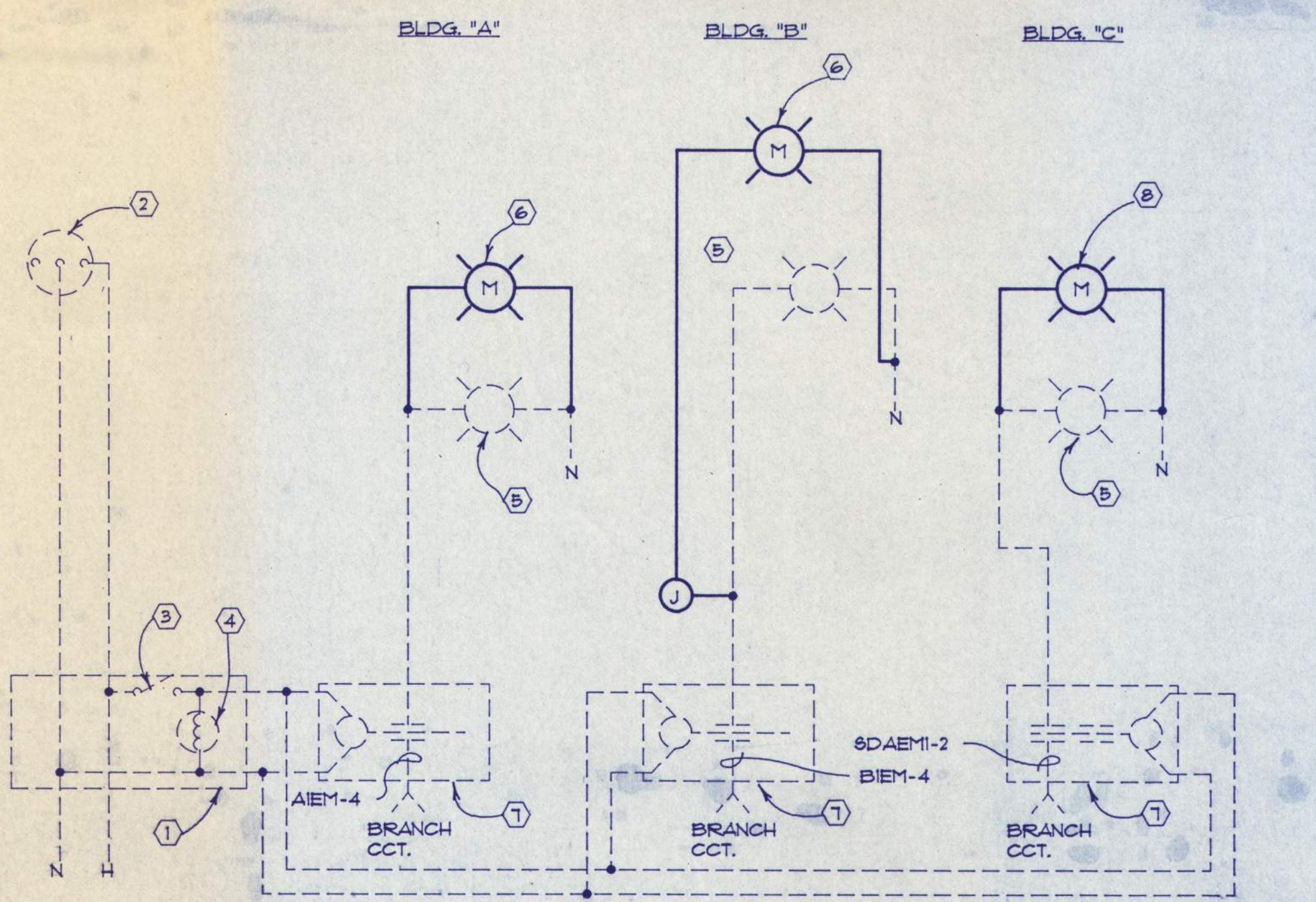
FIRE ALARM RISER NOTES

- ① ALL EXISTING C BUILDING FIRE ALARM WIRING RUNS THROUGH A PULL BOX LOCATED IN THE C1 ELECTRICAL ROOM. EXTEND FIRE ALARM ZONE WIRING FOR 1ST FLOOR ZONES FROM THIS PULL BOX TO NEW FIRE ALARM PANEL.
- ② NEW FIRE ALARM PANEL FOR ALL OF 'C' BUILDING SEE SPECIFICATIONS.
- ③ INSTALL FIRE ALARM TERMINAL CABINETS AT LOCATIONS SHOWN ON FLOOR PLANS. RUN ALL ZONE AND SIGNALING WIRING FOR INDIVIDUAL FLOORS THROUGH FLOOR TERMINAL CABINET AND BACK TO FIRE ALARM PANEL VIA 1 OF THE 2" CONDUITS. THE SECOND 2" CONDUIT SHALL BE USED FOR INPUTS TO THE SMOKE CONTROL PLC.
- ④ PROVIDE NEW INPUT MODULE IN EXISTING ALLEN BRADLEY 5-15 CONTROLLER FOR NEW FIRE ALARM ZONES. PROGRAM CONTROLLER TO ANNUNCIATE ALARM SIGNALS AT CCR AND PERFORM CONTROL FUNCTIONS OUTLINED IN THE SPECIFICATIONS.
- ⑤ PRESENTLY EACH FLOOR IS FED WITH A 1/2" CONDUIT FROM THE EXISTING FIRST FLOOR PULL BOX. ABANDON THIS CONDUIT AND ROUTE NEW AND EXISTING ZONE WIRING THROUGH NEW TERMINAL CABINETS.
- ⑥ PROVIDE NEW WIRE GUTTER BETWEEN EXISTING PULL BOX AND FIRE ALARM PANEL FOR EXTENSION OF C1 ALARM WIRING AND INTERFACE WITH C1 ANNUNCIATOR PANEL.
- ⑦ REPROGRAM EXISTING ALLEN BRADLEY 5-15 CONTROLLER AS REQUIRED TO ANNUNCIATE NEW FIRE ALARM ZONES ON EXISTING F.A. COMPUTER TERMINAL IN CCR.
- ⑧ RELOCATE ANNUNCIATOR PANEL TO NEW CONTROL PANEL IN CCR. SEE DRAWINGS E9 & E10.
- ⑨ ADD A REMOTE RESET SWITCH IN EXISTING C1 ANNUNCIATOR PANEL AND WIRE BACK TO NEW FIRE ALARM PANEL USING EXISTING SPARE WIRING BETWEEN C1 ANNUNCIATOR AND THE EXISTING PULL BOX.
- ⑩ EXISTING DATA LINK BETWEEN C ATTIC AND D1 PLC'S
- ⑪ SEE FLOOR PLANS AND SPECIFICATIONS FOR DEVICE QUANTITY AND ZONING ON EACH FLOOR.



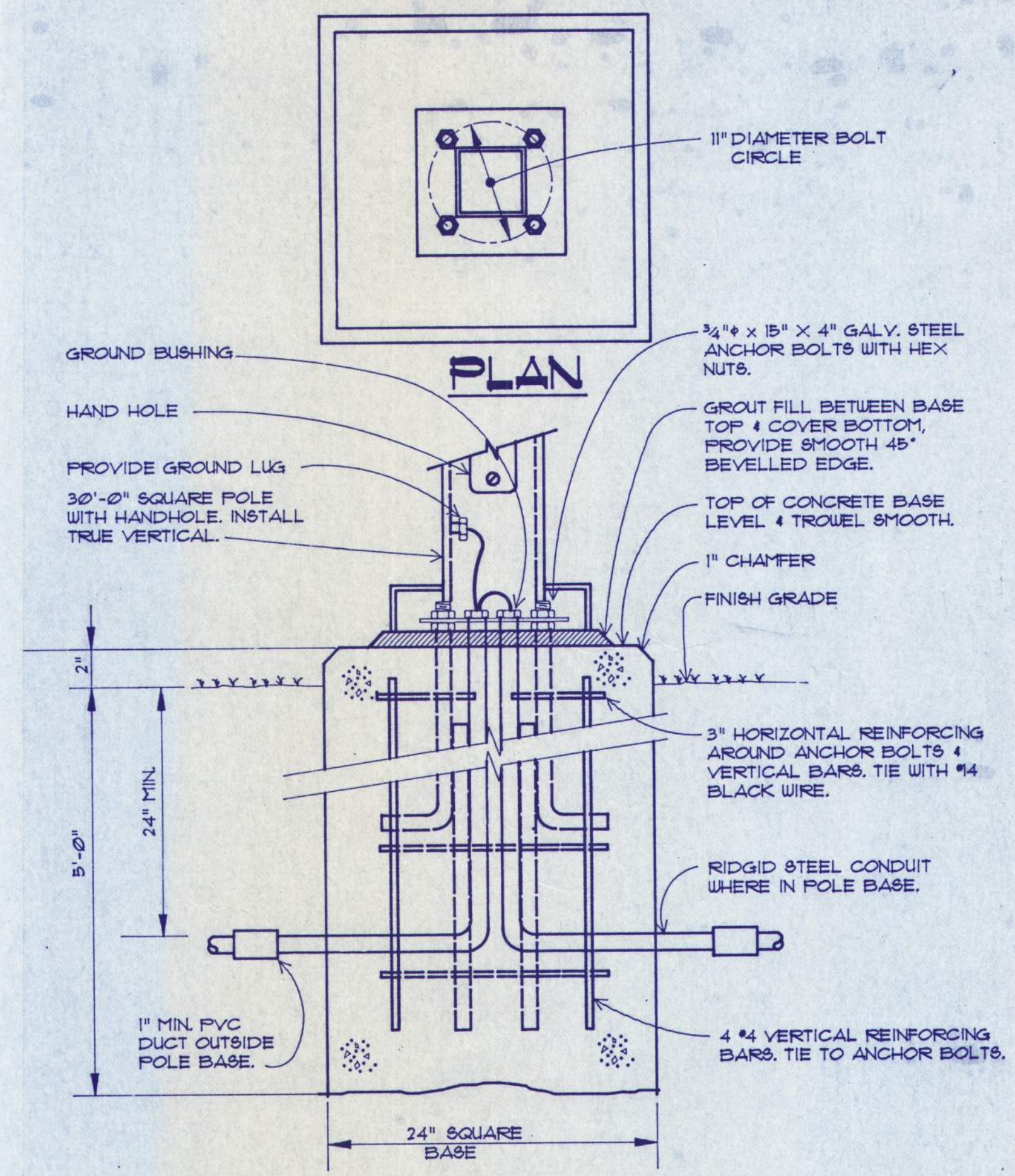
TYPICAL GUARD STATION AND DOOR INTERCOM STATION RUN THROUGH CCR AMPLIFIER

NO SCALE



EXTERIOR STAIR LIGHTING CONTROL DIAGRAM
NO SCALE

- EXTERIOR STAIR CONTROL DIAGRAM NOTES**
- 0 THIS DETAIL APPLICABLE TO BOTH BASIC BID AND ALT. NO. 1.
 - 1 (E) EXTERIOR SECURITY LIGHTING CONTROL PANEL AT CENTRAL CONTROL ROOM.
 - 2 (E) PHOTOCELL SERVING AUTOMATIC SYSTEM.
 - 3 (E) SWITCH IN PANEL FOR MANUAL CONTROL ALL BUILDING EXTERIOR STAIRS.
 - 4 (E) PILOT LIGHT ABOVE SWITCH.
 - 5 (E) OUTSIDE STAIR OR BUILDING WALL MOUNTED LUMINAIRE.
 - 6 (N) STAIR LUMINAIRES. CONNECT TO (E) CIRCUIT UNDER ALT. NO. 1.
 - 7 (E) 2 POLE, 20 AMP, 240 VOLT CONTACTOR IN BUILDING ELECTRICAL ROOMS AT FIRST FLOOR.
 - 8 (N) STAIR S4 LUMINAIRES; CONNECT INTO (E) CIRCUIT UNDER BASIC BID.



LUMINAIRE TYPE 'N' MOUNTING BASE DETAIL
NO SCALE

PANEL SCHEDULE		LOAD CLASSIFICATION		VOLT-AMP	
PANEL: C2	TYPE: BOLT-ON	AMPS: 100	MAIN: 100A-3P	LIGHTING	10150
VOLTS: 120/208	PHASE: 3	WIRE: 4	MOUNTING: SURFACE	OUTLETS	15640
LOCATION: C2 ELECTRICAL ROOM	NOTES: ALL BREAKERS: 22K, MIN.		TOTAL VOLT-AMPS:	MOTOR LOADS	0
			AVERAGE AMPS:	RESISTANCE LOADS	0
				MISC. LOADS	0
				TOTAL VOLT-AMPS:	20530
				AVERAGE AMPS:	72

BRKR	DESCRIPTION	WATTS	CIR NO.	LOAD	CIR WATTS	DESCRIPTION	BRKR
A	P						P
20	1	LIGHTS - NW VISITING (i)	1200	01	2025	LIGHTS - NE VISITING (m)	1
20	1	LIGHTS - SW VISITING (h)	750	03	1650	LIGHTS - NE VISITING (n)	1
20	1	LIGHTS - INTERVIEW ROOMS (d)	900	05	1950	LIGHTS - SE VISITING (l)	1
20	1	LIGHTS - JAN., STOR., ETC.	1040	07	2240	LIGHTS - SECURE VISITING (e)	1
20	1	SPARE	09	10	1125	LIGHTS - E HALL (a,b,f)	1
20	1	RECEPTS - W VISITING	1280	11	1640	RECEPTS - E WING - N WALL	1
20	1	RECEPTS - W VISITING	1250	13	1560	RECEPTS - E WING - W WALL	1
20	1	RECEPTS - W VISITING	1250	15	1560	RECEPTS - E WING - N WALL	1
20	1	RECEPTS - S WING	1250	17	2180	RECEPTS - E WING - W WALL	1
20	1	RECEPTS - S WING	1080	19	2200	RECEPTS - E BUFFER	1
20	1	RECEPTS - S WING	1250	21	2400	RECEPTS - E BUFFER	1
20	1	RECEPTS - W BUFFER	1200	23	1400	RECEPTS - E BUFFER	1
20	1	RECEPTS - W BUFFER	1200	25	2000	RECEPTS - OFFICERS STATION	1
20	1	UH-2	200	27	1000	RECEPTS - OFFICERS STATION	1
20	1	RECEPTS - S BUFFER	1200	29	1200	SPARE	1
20	1	SPACE	31	0	32	SPARE	1
20	1	SPACE	33	0	34	SPARE	1
20	1	SPACE	35	0	36	SPARE	1
20	1	SPACE	37	0	38	SPARE	1
20	1	SPACE	39	0	40	SPARE	1
20	1	SPACE	41	0	42	SPACE	1
PHASE TOTALS:		9985	7675	8370			
AMPS/PHASE:		33	25	27			

PANEL SCHEDULE		LOAD CLASSIFICATION		VOLT-AMP	
PANEL: C3EM	TYPE: BOLT-ON	AMPS: 100	MAIN: 100A-3P	LIGHTING	12545
VOLTS: 120/208	PHASE: 3	WIRE: 4	MOUNTING: SURFACE	OUTLETS	1840
LOCATION: C3 ELECTRICAL ROOM	NOTES: ALL BREAKERS: 22K, MIN.		TOTAL VOLT-AMPS:	MOTOR LOADS	0
			AVERAGE AMPS:	RESISTANCE LOADS	0
				MISC. LOADS	0
				TOTAL VOLT-AMPS:	3085
				AVERAGE AMPS:	9

BRKR	DESCRIPTION	WATTS	CIR NO.	LOAD	CIR WATTS	DESCRIPTION	BRKR
A	P						P
20	1	LIGHTS - CORRIDOR	810	01	810	RECEPTS - S WING	1
20	1	LIGHTS - S WING	435	03	635	RECEPTS - E WING	1
20	1	RECEPTS - W WING	840	05	1640	RECEPTS - E WING	1
20	1	SPACE	09	0	0	SPACE	1
20	1	SPACE	11	0	12	SPACE	1
20	1	SPACE	13	0	14	SPACE	1
20	1	SPACE	15	0	16	SPACE	1
20	1	SPACE	17	0	18	SPACE	1
20	1	SPACE	19	0	20	SPACE	1
20	1	UH-1	23	0	24	SPACE	1
20	1	RECEPTS - OFFICERS STATION	25	0	26	SPACE	1
20	1	RECEPTS - OFFICERS STATION	27	0	28	SPACE	1
20	1	SPARE	29	0	30	SPACE	1
20	1	SPACE	31	0	32	SPACE	1
20	1	SPACE	33	0	34	SPACE	1
20	1	SPACE	35	0	36	SPACE	1
20	1	SPACE	37	0	38	SPACE	1
20	1	SPACE	39	0	40	SPACE	1
20	1	SPACE	41	0	42	SPACE	1
PHASE TOTALS:		810	635	1640			
AMPS/PHASE:		7	5	14			

PANEL SCHEDULE		LOAD CLASSIFICATION		VOLT-AMP	
PANEL: C2EM	TYPE: BOLT-ON	AMPS: 100	MAIN: 100A-3P	LIGHTING	2585
VOLTS: 120/208	PHASE: 3	WIRE: 4	MOUNTING: SURFACE	OUTLETS	4440
LOCATION: C2 ELECTRICAL ROOM	NOTES: ALL BREAKERS: 22K, MIN.		TOTAL VOLT-AMPS:	MOTOR LOADS	0
			AVERAGE AMPS:	RESISTANCE LOADS	0
				MISC. LOADS	0
				TOTAL VOLT-AMPS:	6825
				AVERAGE AMPS:	19

BRKR	DESCRIPTION	WATTS	CIR NO.	LOAD	CIR WATTS	DESCRIPTION	BRKR
A	P						P
20	1	LIGHTS - W VISITING	810	01	1635	LIGHTS - E VISITING	1
20	1	RECEPTS - W VISITING	300	02	750	LIGHTS - E WING	1
20	1	RECEPTS - CENTER	760	05	940	LIGHTS - E WING	1
20	1	RECEPTS - ELECTRICAL ROOM	180	07	180	SPACE	1
20	1	RECEPTS - OFFICERS STATION	800	09	580	RECEPTS - SHAKE DOWN	1
20	1	RECEPTS - OFFICERS STATION	800	11	800	SPACE	1
20	1	SPACE	13	0	14	SPACE	1
20	1	SPACE	15	0	16	SPACE	1
20	1	SPACE	17	0	18	SPACE	1
20	1	SPACE	19	0	20	SPACE	1
20	1	SPACE	21	0	22	SPACE	1
20	1	SPACE	23	0	24	SPACE	1
20	1	SPACE	25	0	26	SPACE	1
20	1	SPACE	27	0	28	SPACE	1
20	1	SPACE	29	0	30	SPACE	1
20	1	SPACE	31	0	32	SPACE	1
20	1	SPACE	33	0	34	SPACE	1
20	1	SPACE	35	0	36	SPACE	1
20	1	SPACE	37	0	38	SPACE	1
20	1	SPACE	39	0	40	SPACE	1
20	1	SPACE	41	0	42	SPACE	1
PHASE TOTALS:		1815	2510	2500			
AMPS/PHASE:		15	21	21			

PANEL SCHEDULE		LOAD CLASSIFICATION		VOLT-AMP	
PANEL: C4	TYPE: BOLT-ON	AMPS: 100	MAIN: 100A-3P	LIGHTING	15630
VOLTS: 120/208	PHASE: 3	WIRE: 4	MOUNTING: SURFACE	OUTLETS	17120
LOCATION: C4 ELECTRICAL ROOM	NOTES: ALL BREAKERS: 22K, MIN.		TOTAL VOLT-AMPS:	MOTOR LOADS	0
			AVERAGE AMPS:	RESISTANCE LOADS	1000
				MISC. LOADS	0
				TOTAL VOLT-AMPS:	33750
				AVERAGE AMPS:	94

BRKR	DESCRIPTION	WATTS	CIR NO.	LOAD	CIR WATTS	DESCRIPTION	BRKR
A	P						P
20	1	LIGHTS - GENERAL LIBRARY (o)	975	01	2175	LIGHTS - CLASSROOM 408 (n)	1
20	1	LIGHTS - GENERAL LIBRARY (p)	825	03	1425	LIGHTS - OFFICES (h)	1
20	1	LIGHTS - GENERAL LIBRARY (l)	750	05	1650	LIGHTS - CLASSROOM 404 (j)	1
20	1	LIGHTS - GENERAL LIBRARY (i)	600	07	1800	LIGHTS - CLASSROOM 403 (k)	1
20	1	LIGHTS - LAW STACKS (b)	1275	09	1575	LIGHTS - HALL (i)	1
20	1	LIGHTS - LAW LIBRARY (a)	1050	11	2250	LIGHTS - CLASSROOM 410 (e)	1
20	1	LIGHTS - WORK ROOM	840	13	2040	LIGHTS - CLASSROOM 411 (f)	1
20	1	LIGHTS - STORAGE	510	15	1110	LIGHTS - BALCONY (b)	1
20	1	RECEPTS - W WING	800	17	1700	LIGHTS - GARD STATION (a)	1
20	1	RECEPTS - W WING	800	19	1505	LIGHTS - STORAGE	1
20	1	RECEPTS - W WING	800	21	1880	RECEPTS - E CLSRS, OFFICES	1
20	1	RECEPTS - W WING	800	23	1880	RECEPTS - E CLSRS, OFFICES	1
20	1	RECEPTS - W WING	800	25	1880	RECEPTS - E CLSRS, OFFICES	1
20	1	RECEPTS - W WING (COUNTER)	600	27	1860	RECEPTS - E CLSRS	1
20	1	RECEPTS - E WING CLSRS	600	29	1740	RECEPTS - E CLSRS	1
20	1	RECEPTS - E WING CLSRS	600	31	1680	RECEPTS - E CLSRS	1
20	1	RECEPTS - W BUFFER	1200	33	2200	RECEPTS - LIB/WORK	1
20	1	RECEPTS - S BUFFER	1200	35	2400	RECEPTS - E BUFFER	1
20	1	SPACE	37	0	1000	WALL HEATERS	1
20	1	SPACE	39	0	40	SPACE	1
20	1	SPACE	41	0	42	SPACE	1
PHASE TOTALS:		12080	10050	11620			
AMPS/PHASE:		101	84	97			

PANEL SCHEDULE		LOAD CLASSIFICATION		VOLT-AMP	
PANEL: C3	TYPE: BOLT-ON	AMPS: 100	MAIN: 100A-3P	LIGHTING	14830
VOLTS: 120/208	PHASE: 3	WIRE: 4	MOUNTING: SURFACE	OUTLETS	18580
LOCATION: C3 ELECTRICAL ROOM	NOTES: ALL BREAKERS: 22K, MIN.		TOTAL VOLT-AMPS:	MOTOR LOADS	0
			AVERAGE AMPS:	RESISTANCE LOADS	0
				MISC. LOADS	0
				TOTAL VOLT-AMPS:	33410
				AVERAGE AMPS:	9

BRKR	DESCRIPTION	WATTS	CIR NO.	LOAD	CIR WATTS	DESCRIPTION	BRKR
A	P						P
20	1	LIGHTS - CLASSROOM 300 (g)	1050	01	1950	LIGHTS - OFFICES (a)	1
20	1	LIGHTS - CLASSROOM 300 (i)	600	03	1800	LIGHTS - CLASSROOM 305 (n)	1
20	1	LIGHTS - CLASSROOM 300 (l)	750	05	1875	LIGHTS - CLASSROOM 304 (j)	1
20	1	LIGHTS - CLASSROOM 302 (e)	1200	07	1950	LIGHTS - CLASSROOM 311 (a)	1
20	1	LIGHTS - CLASSROOM 303 (k)	1200	09	1950	LIGHTS - CLASSROOM 311 (a)	1
20	1	LIGHTS - CLASSROOM 321 (h)	1200	11	1650	LIGHTS - REPOSITORY (b)	1
20	1	LIGHTS - CLASSROOM 320 (g)	1200	13	1350	LIGHTS - INMATE TOILET (c)	1
20	1	LIGHTS - OFFICES (f)	900	15	1605	LIGHTS - STAFF PREP	1
20	1	RECEPTS - NW CLASSROOMS	1100	17	2400	RECEPTS - NE CLASSROOMS	1
20	1	RECEPTS - NW CLASSROOMS	1080	19	2160	RECEPTS - NE CLASSROOMS	1
20	1	RECEPTS - NW CLASSROOMS	1120	21	2200	RECEPTS - NE CLASSROOMS	1
20	1	RECEPTS - SW CLASSROOMS	940	23	1880	RECEPTS - SE CLASSROOMS	1
20	1	RECEPTS - SW CLASSROOMS	720	25	1640	RECEPTS - SE CLASSROOMS	1
20	1	RECEPTS - SW CLASSROOMS	900	27	1800	RECEPTS - SE CLASSROOMS	1
20	1	RECEPTS - NE OFFICE	1000	29	1900	RECEPTS - S WING	1
20	1	RECEPTS - NE OFFICE	1000	31	1700	LIGHTS - EAST HALL	1
20	1	RECEPTS - S BUFFER	1200	33	2400	RECEPTS - E BUFFER	1
20	1	RECEPTS - W BUFFER	1200	35	1200	SPACE	1
20	1	SPACE	37	0	38	SPACE	1
20	1	SPACE	39	0	40	SPACE	1
20	1	SPACE	41	0	42	SPACE	1
PHASE TOTALS:		10750	11755	10905			
AMPS/PHASE:		35	39	36			

PANEL SCHEDULE		LOAD CLASSIFICATION		VOLT-AMP	
PANEL: C4EM	TYPE: BOLT-ON	AMPS: 100	MAIN: 100A-3P	LIGHTING	1385
VOLTS: 120/208	PHASE: 3	WIRE: 4	MOUNTING: SURFACE		