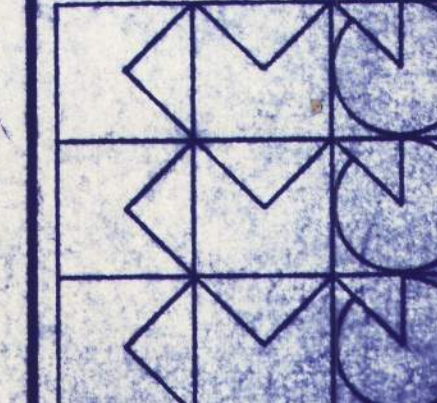




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CORRECTION CONSULTANT

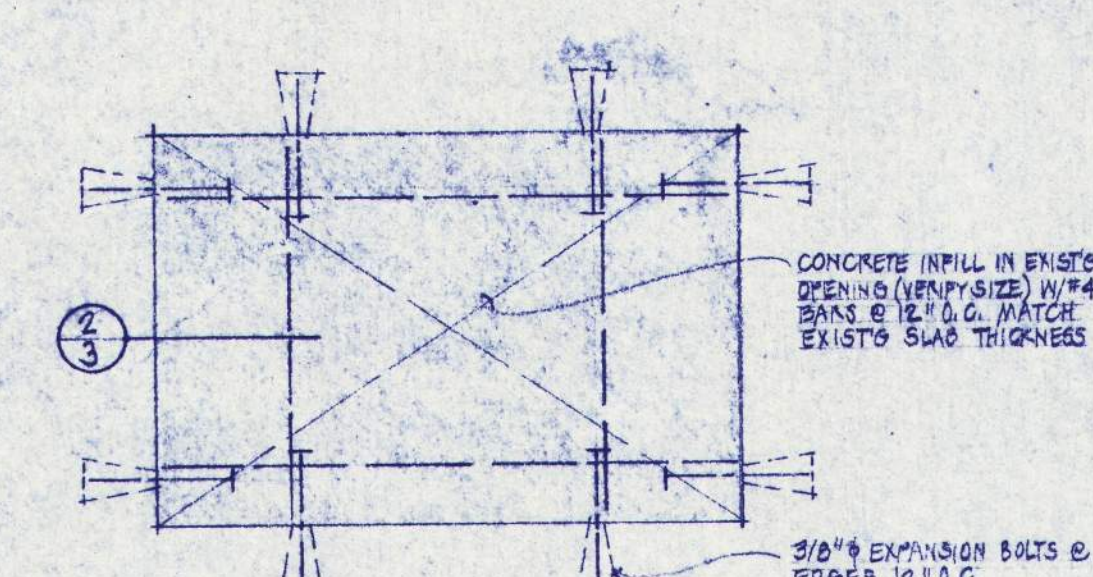
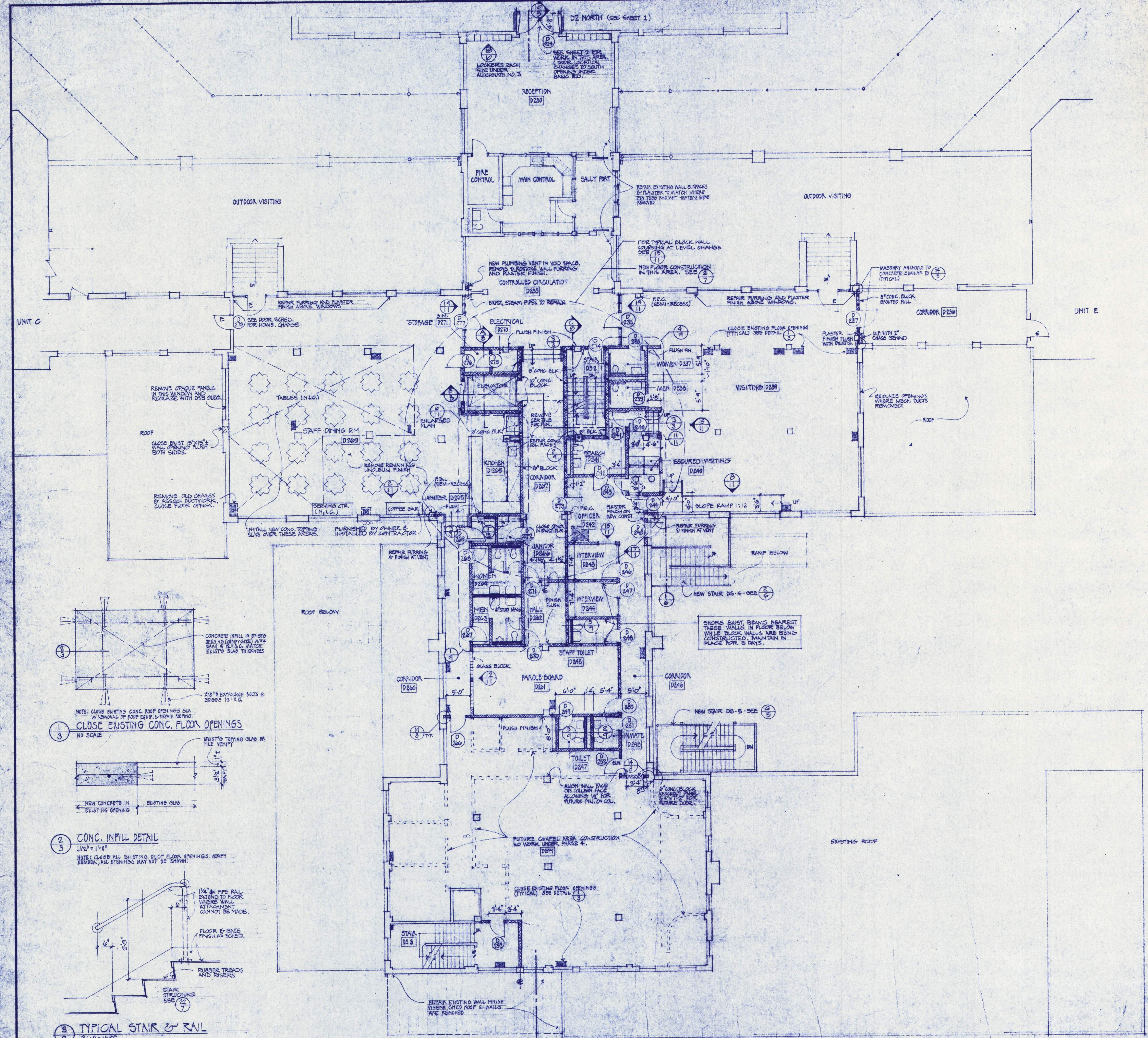
EASTERN OREGON CORRECTIONAL INSTITUTION
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PHASE 4
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812 S.W. WASHINGTON STREET PORTLAND, OREGON 97205 / (503) 424-1181
805 THURSTON AVENUE EUGENE, OREGON 97401 / (503) 441-3000

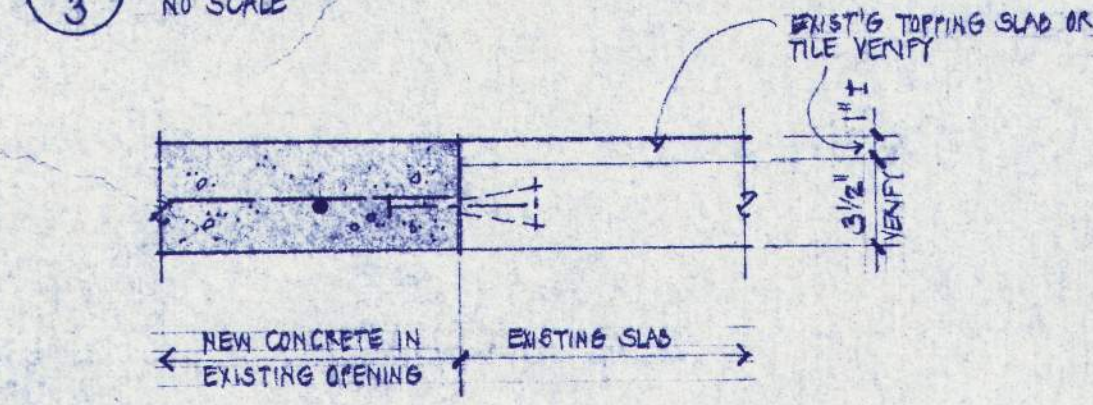


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JOB: 01144

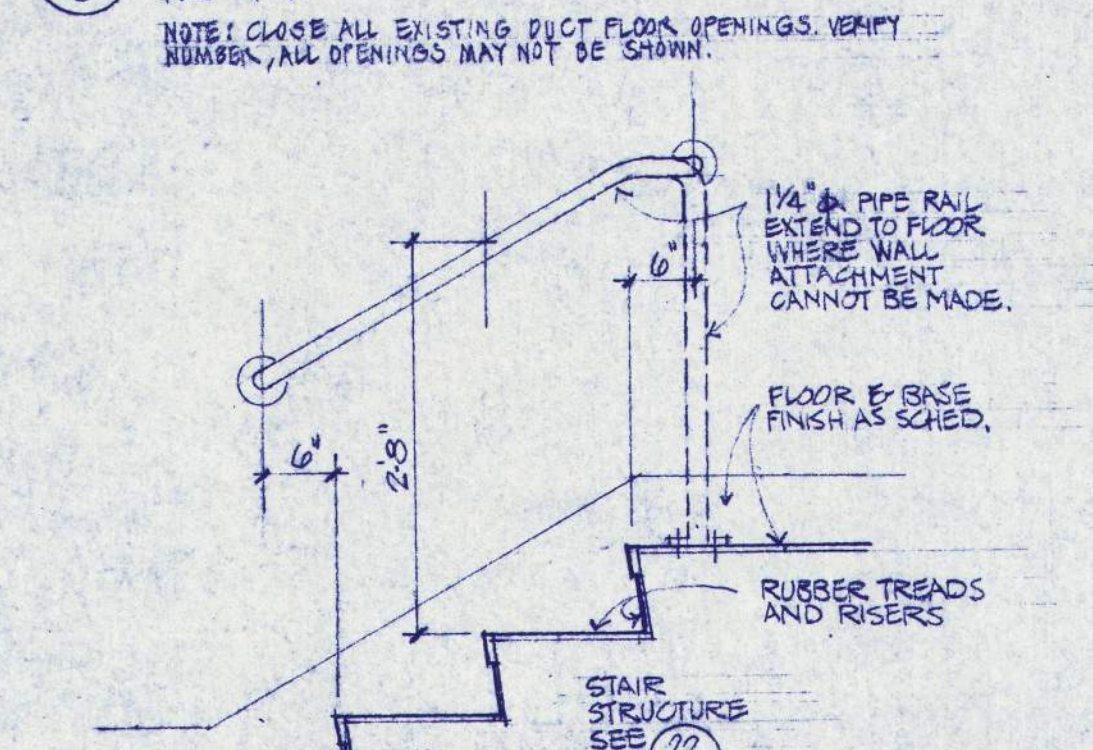
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1 CLOSE EXISTING CONC. FLOOR OPENINGS
NO SCALE



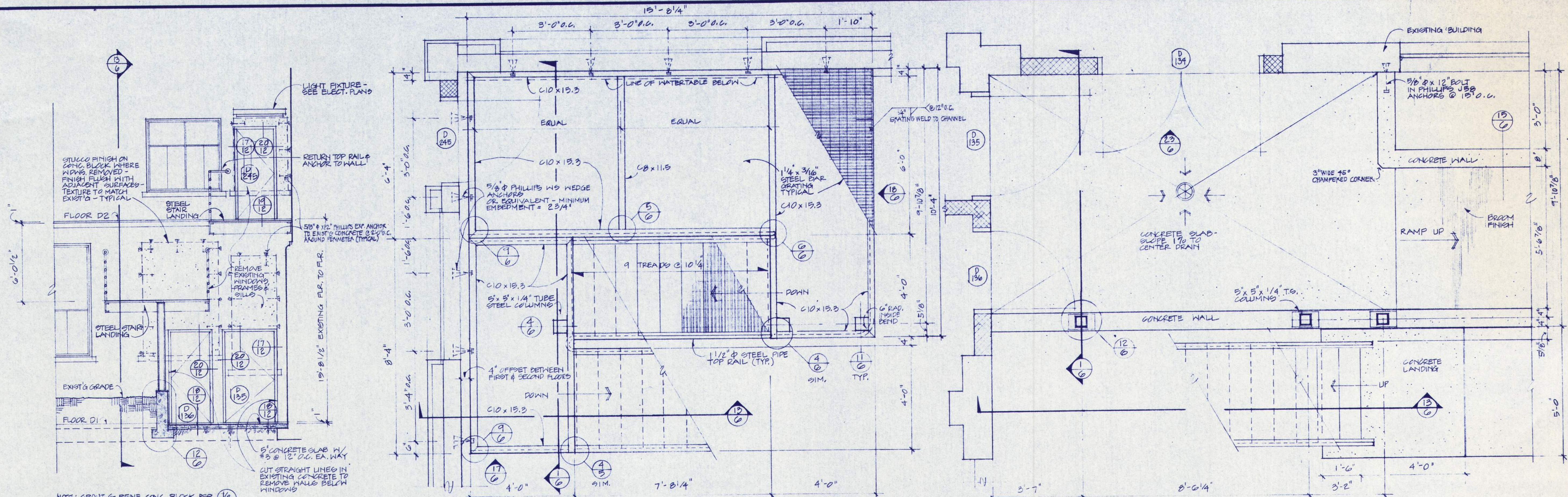
2 CONC. INFILL DETAIL
1/2" = 1'-0"



3 TYPICAL STAIR & RAIL
3/4" = 1'-0"



D2 FLOOR PLAN
Version 1.0

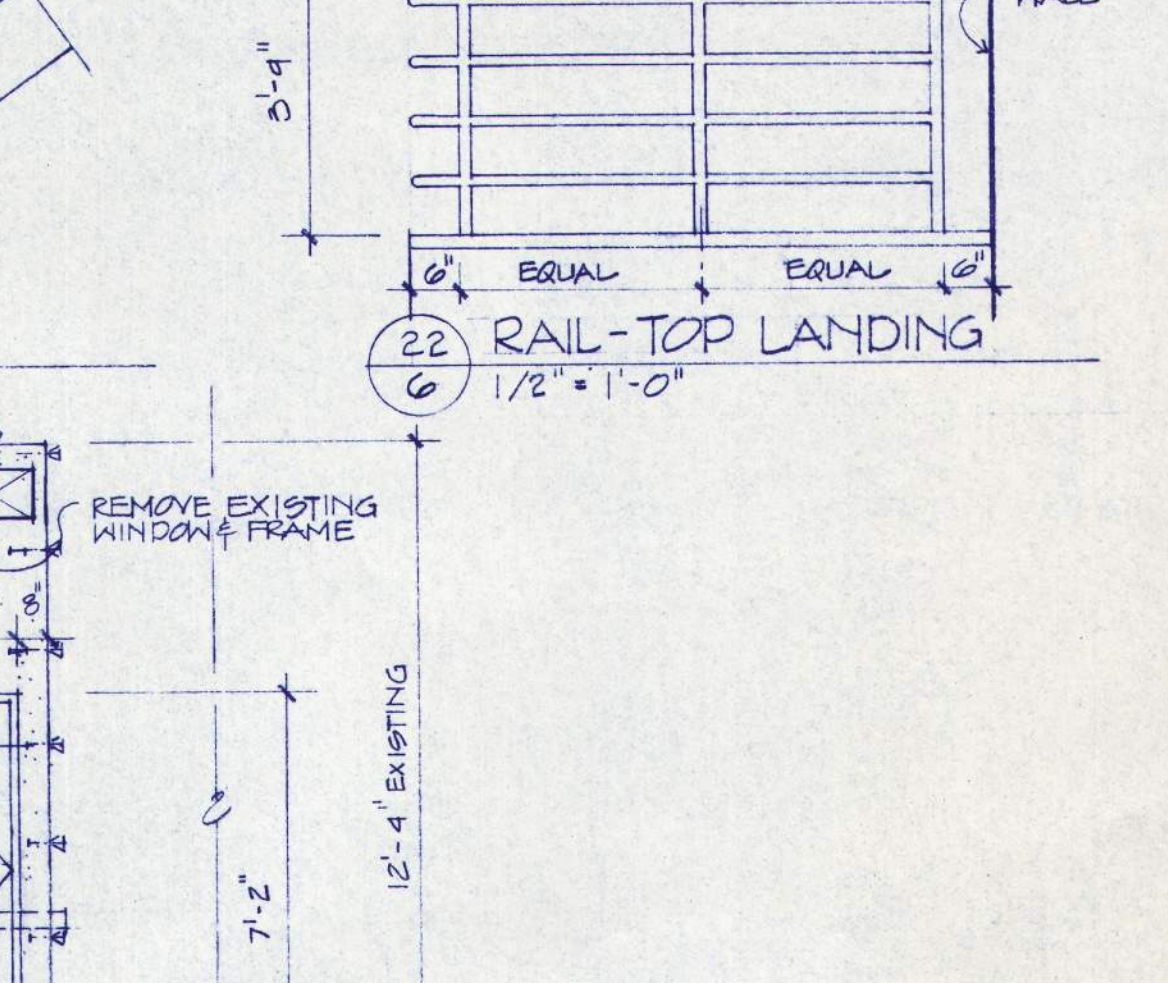
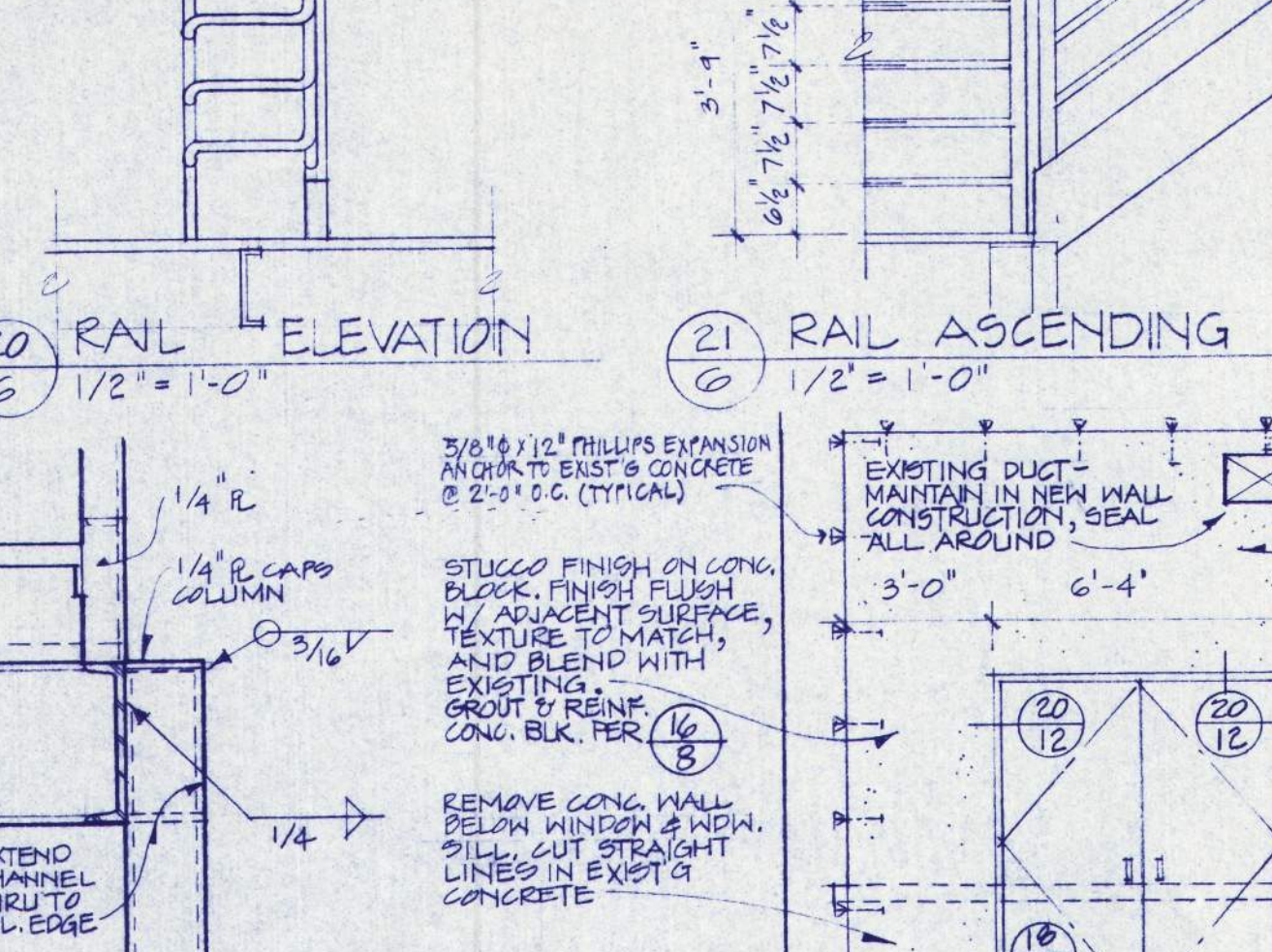
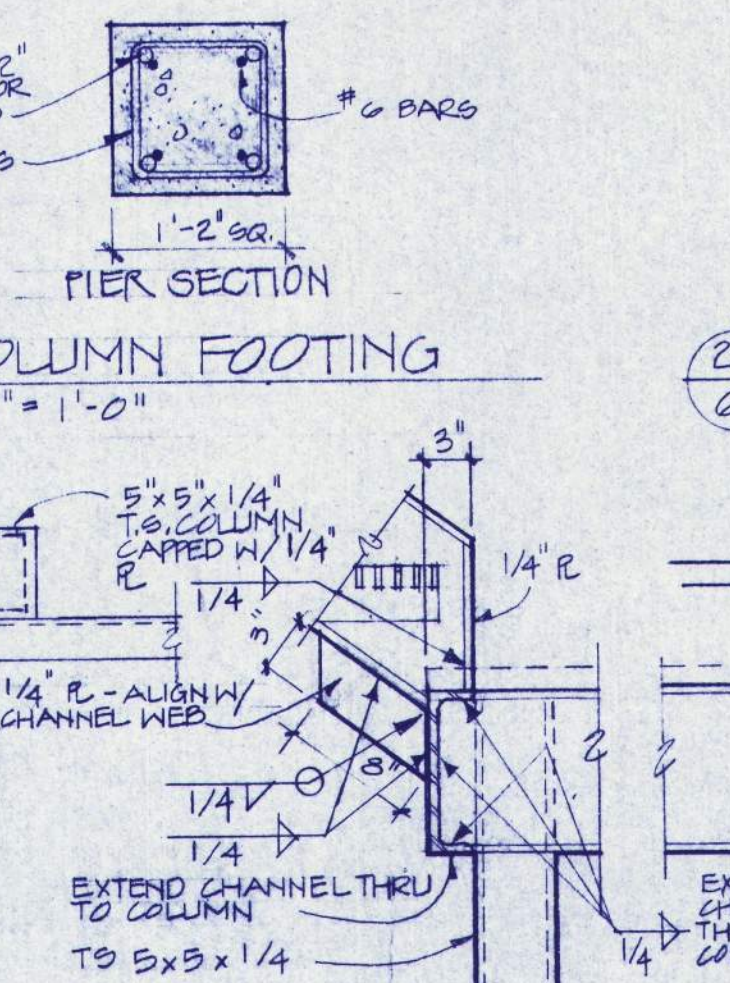
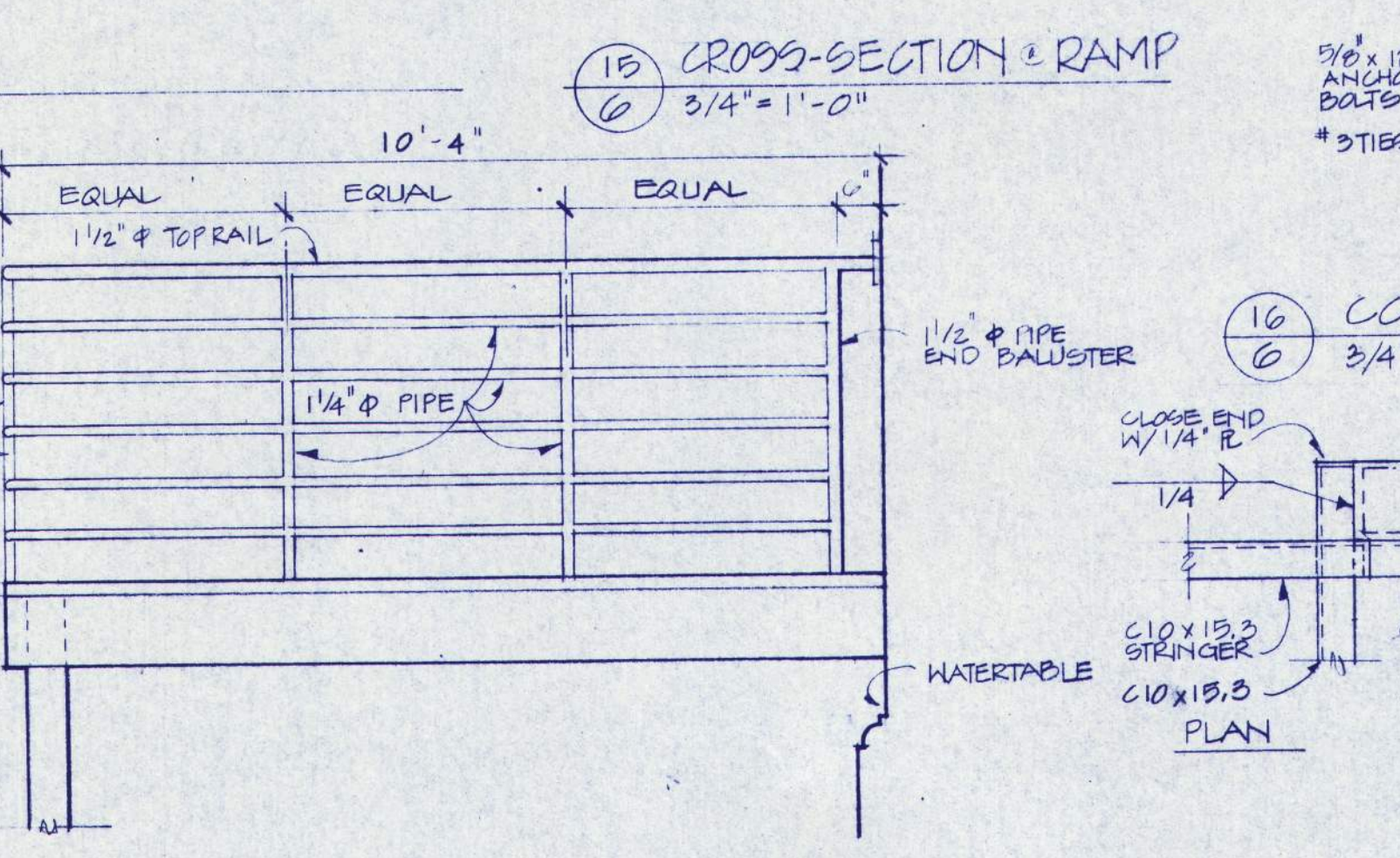
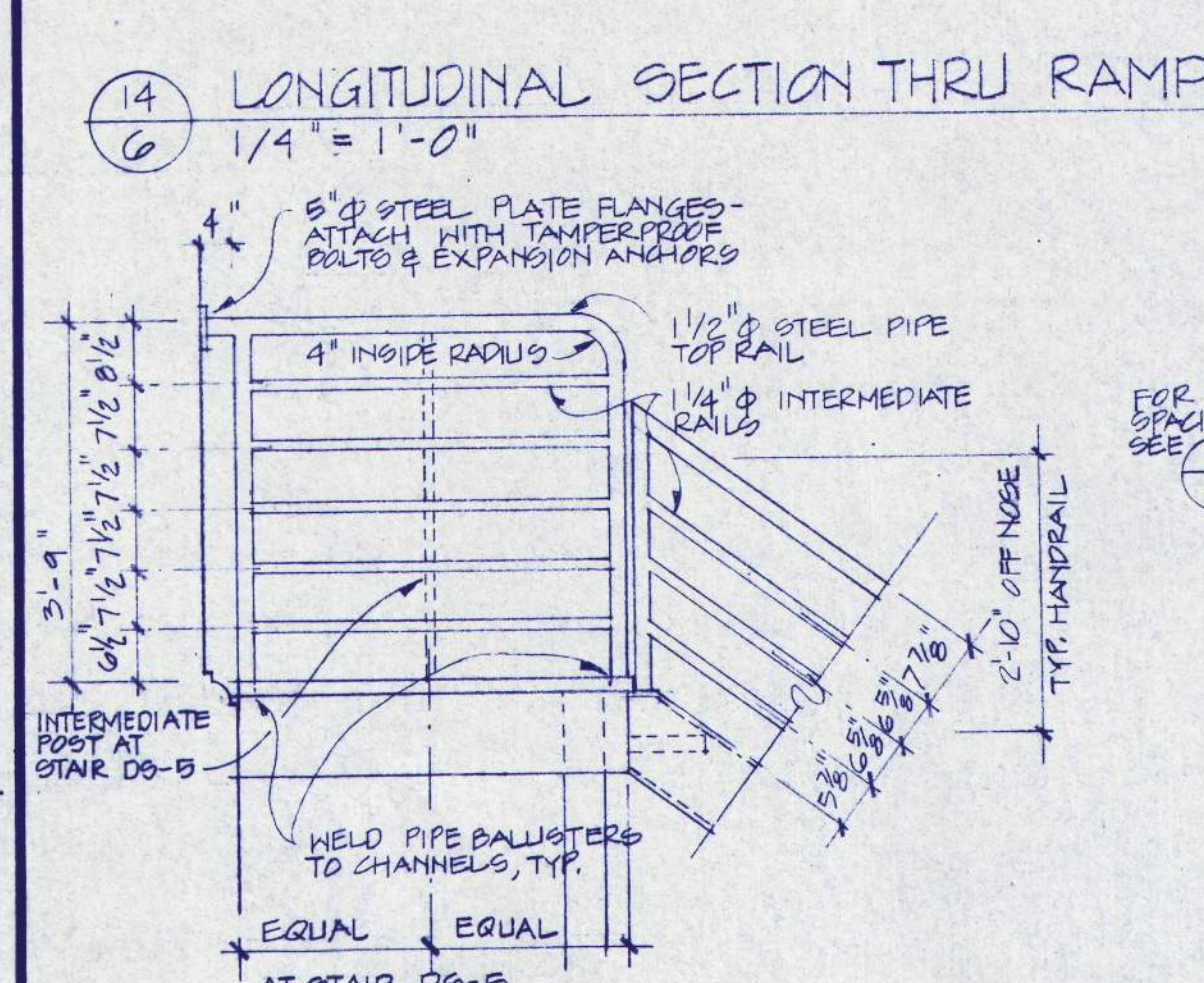
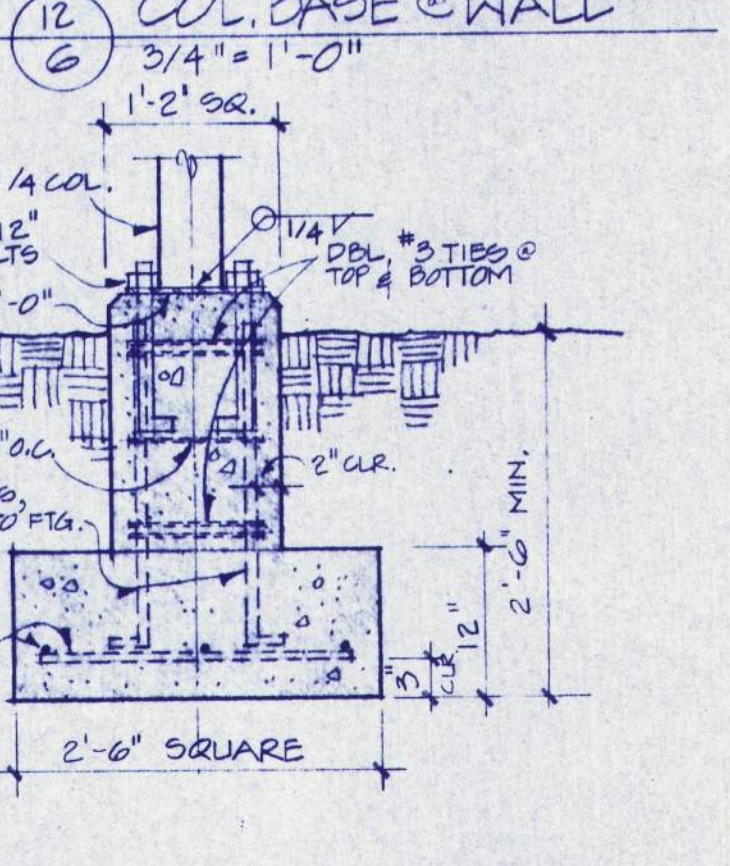
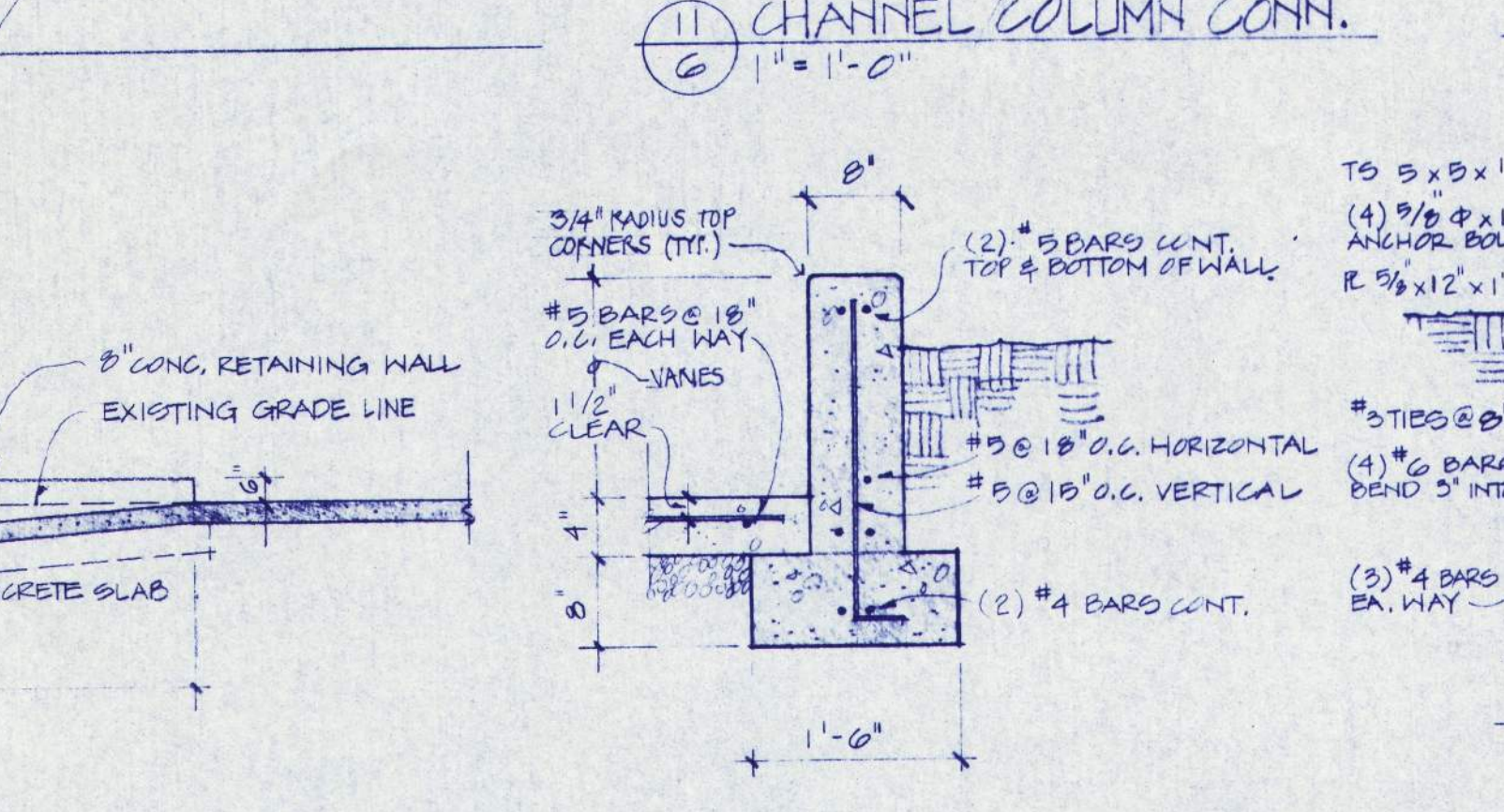
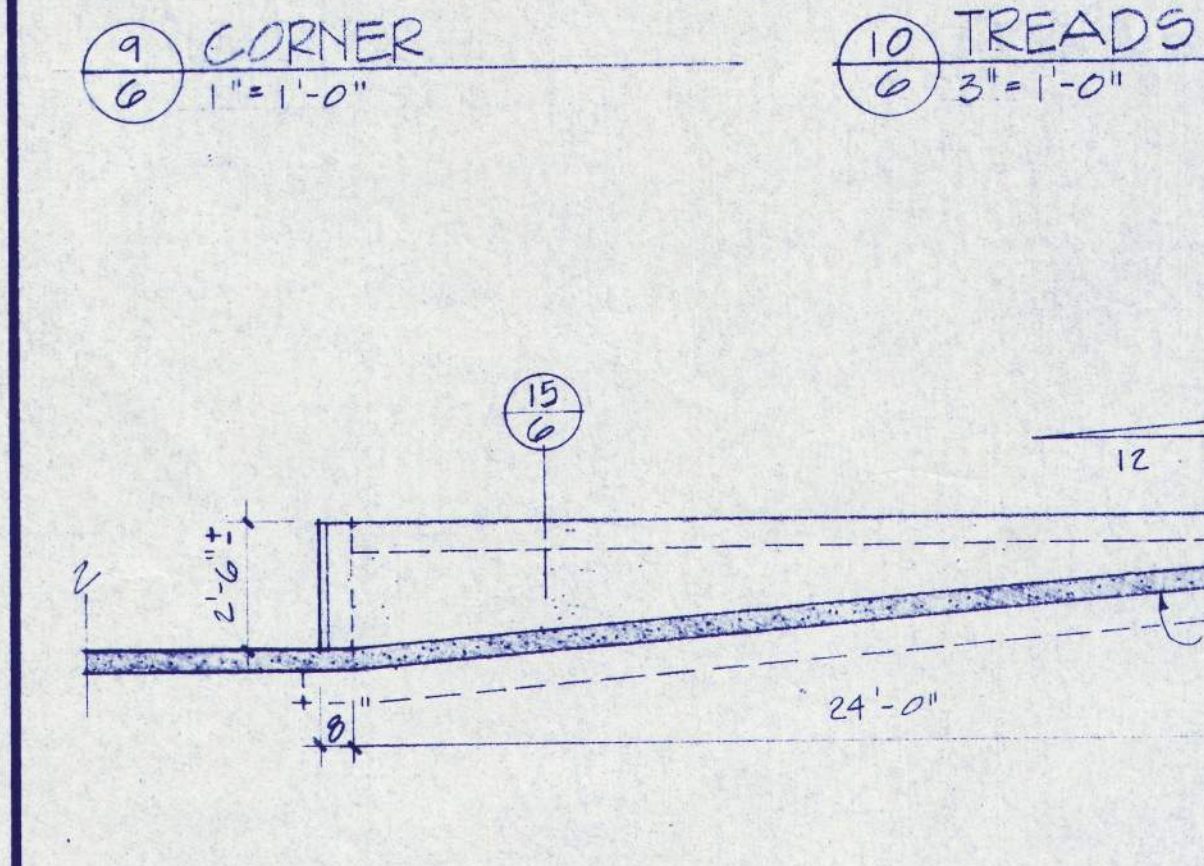
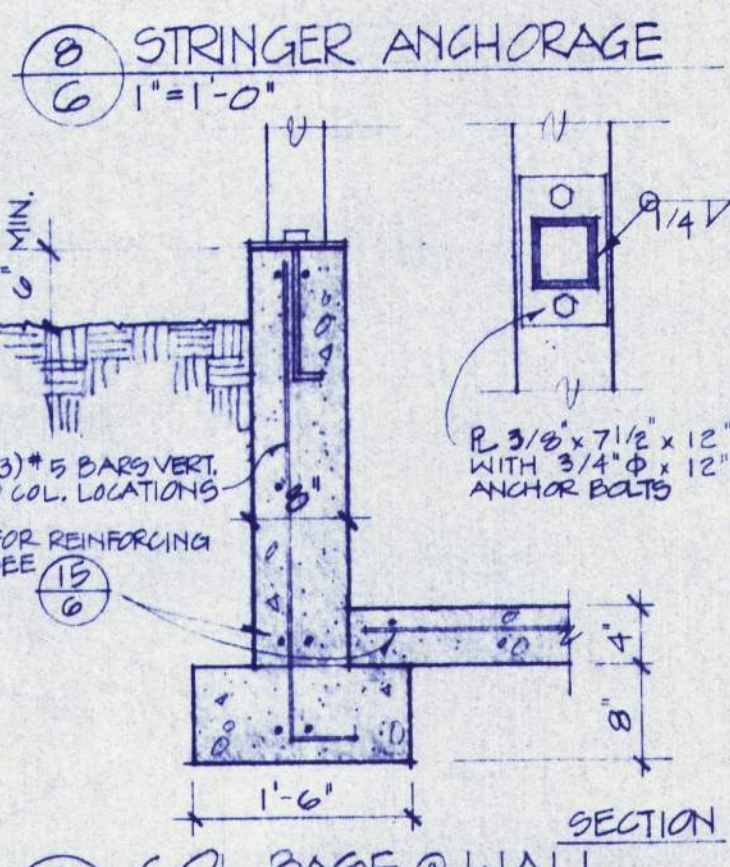
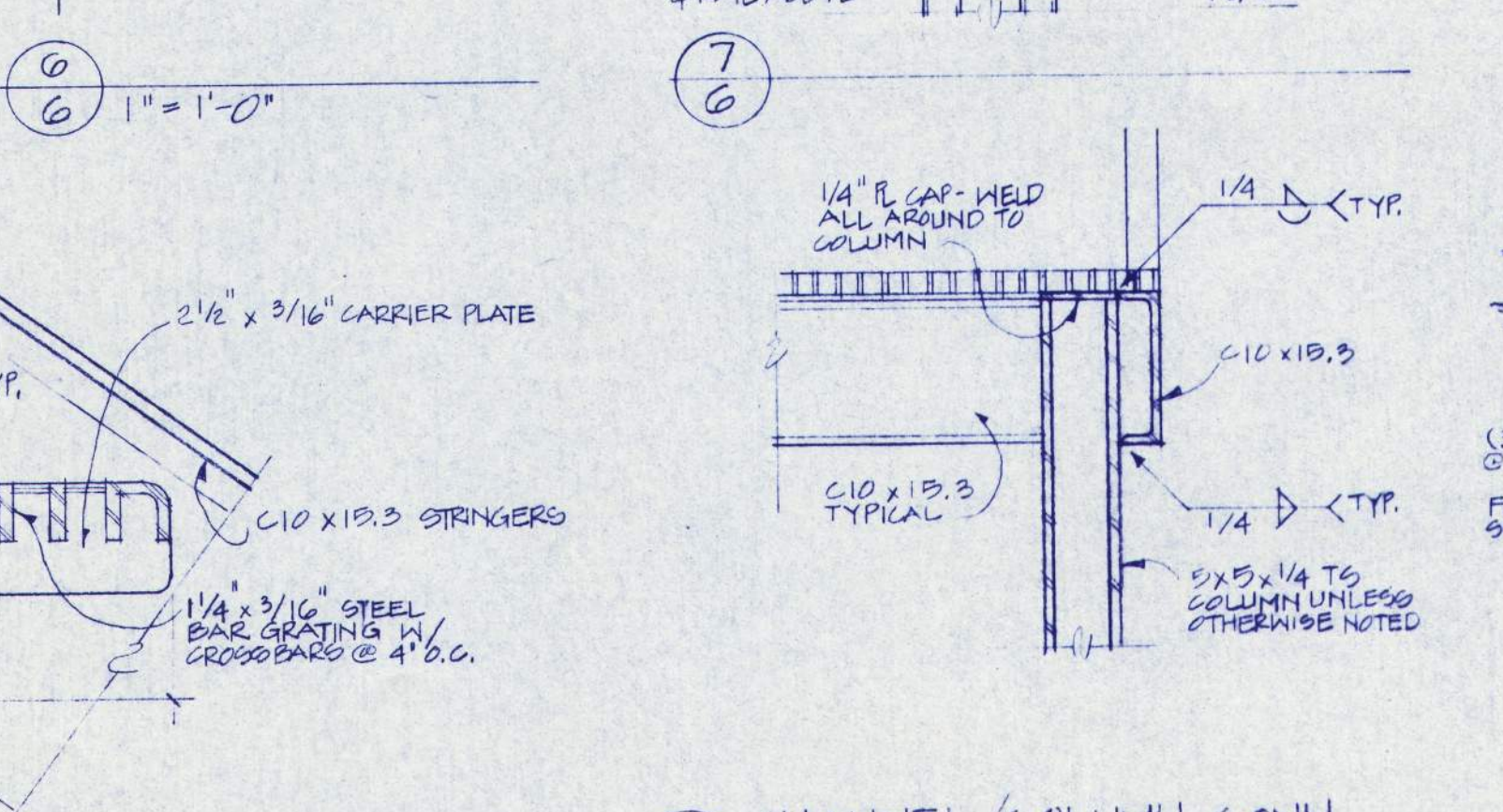
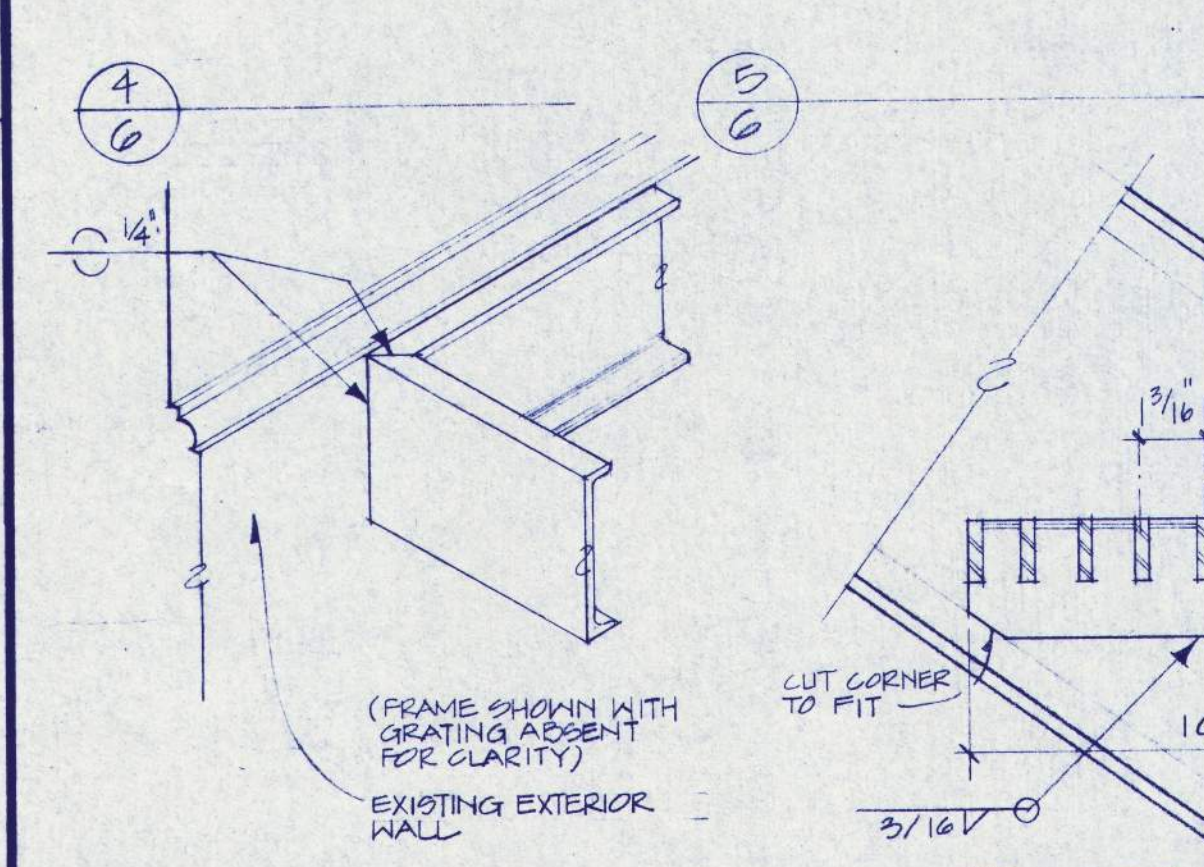
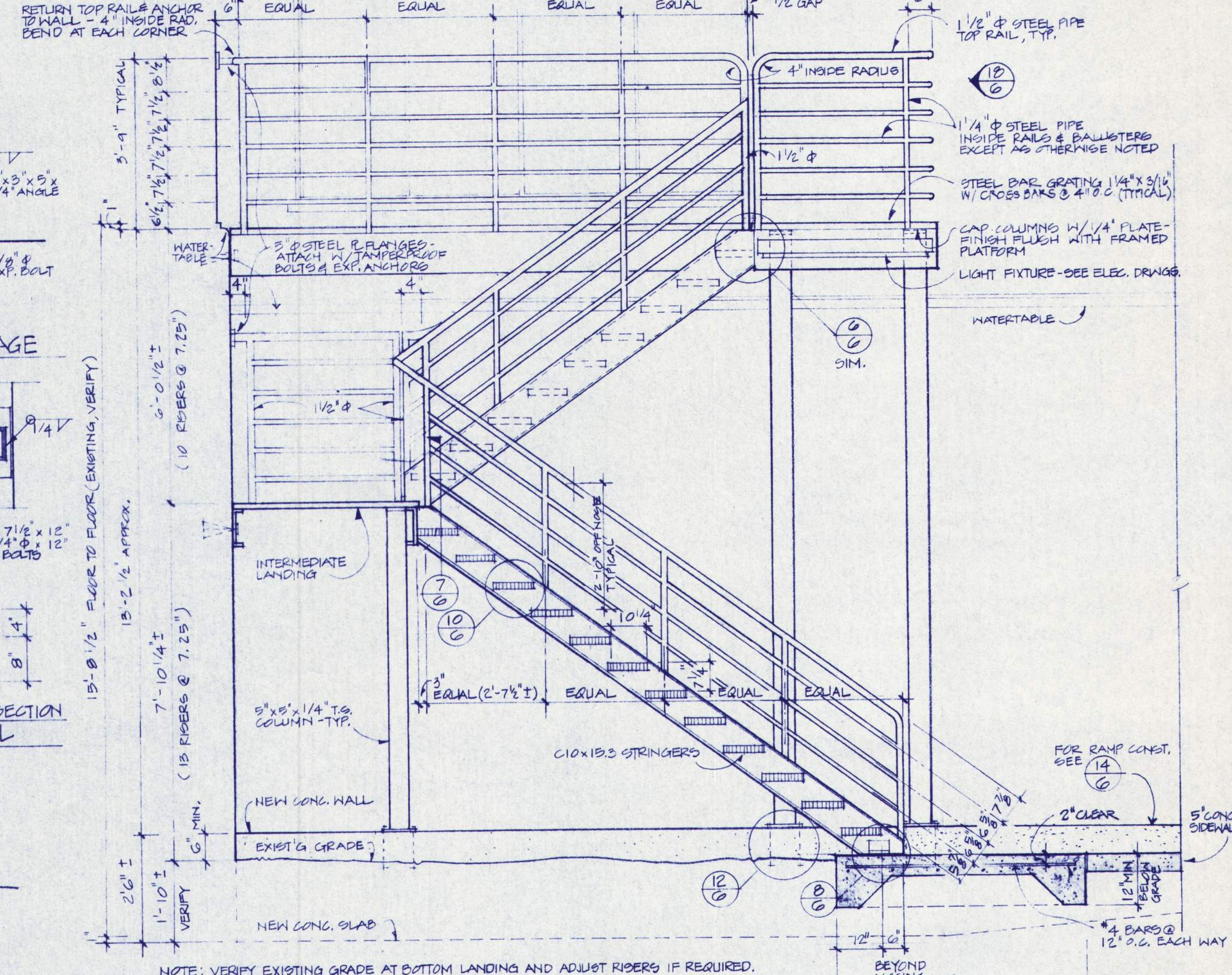
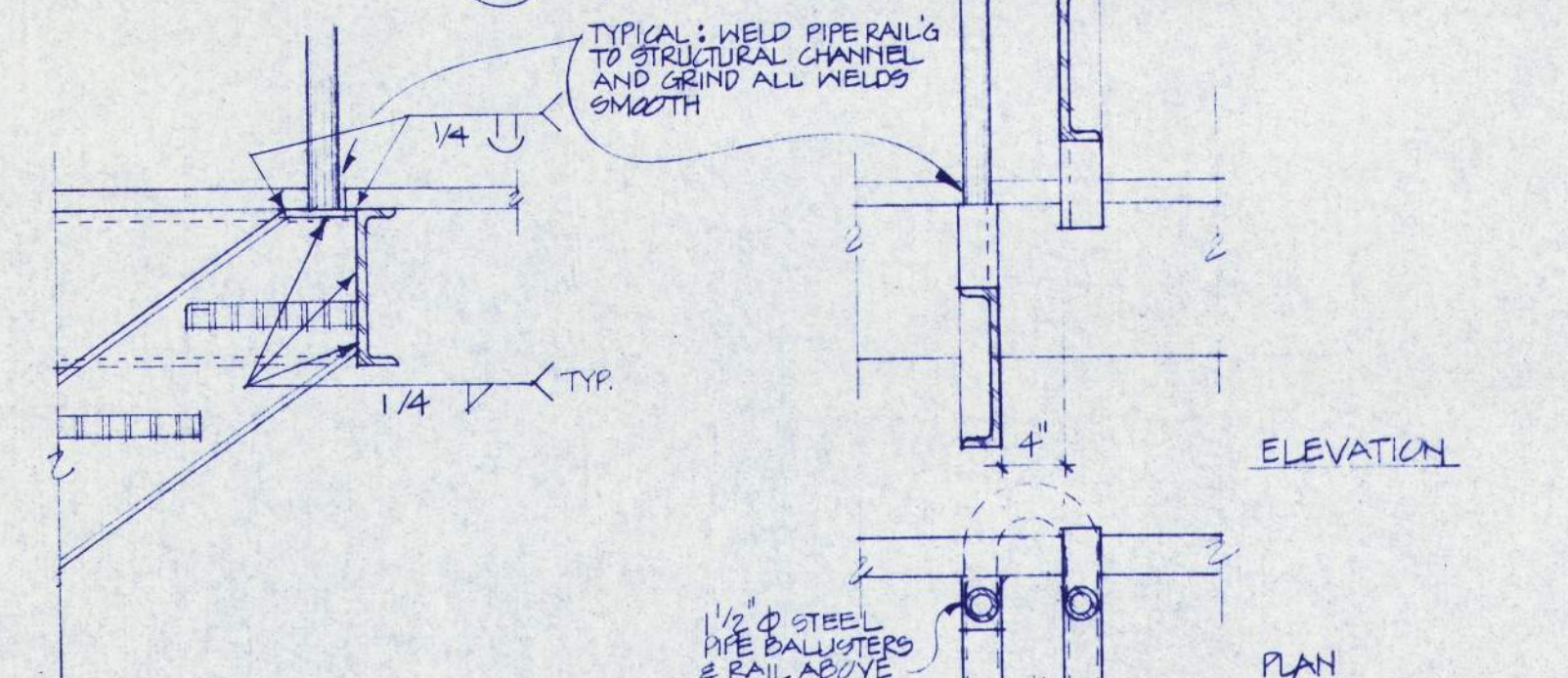
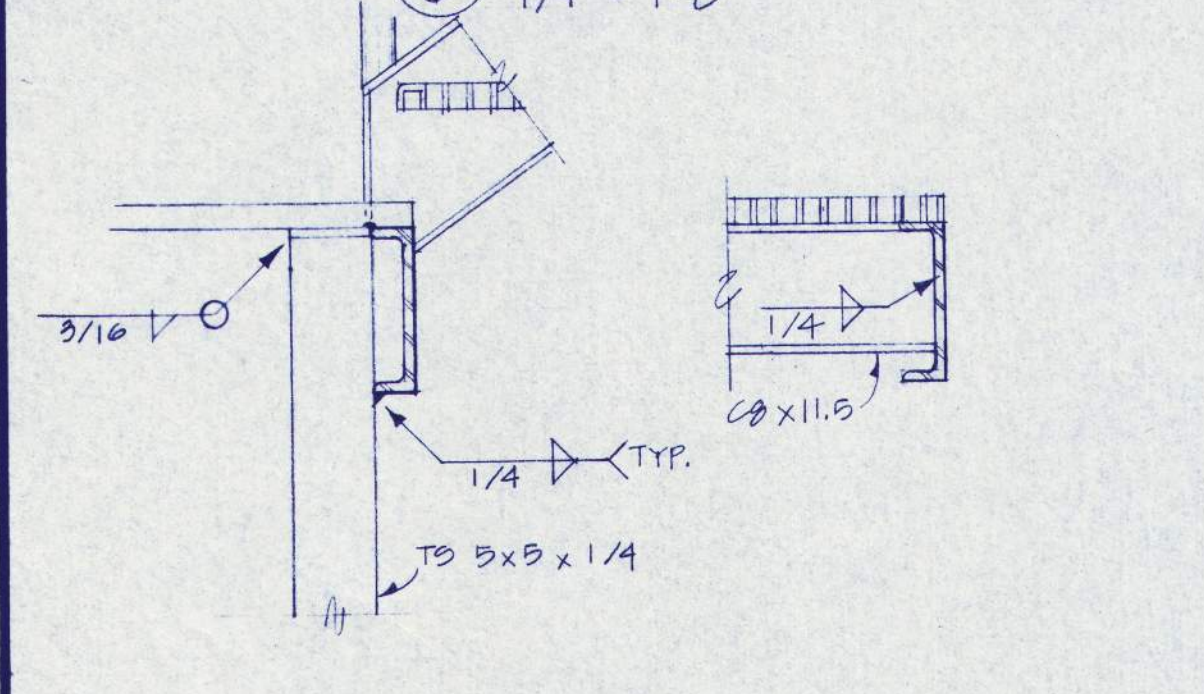


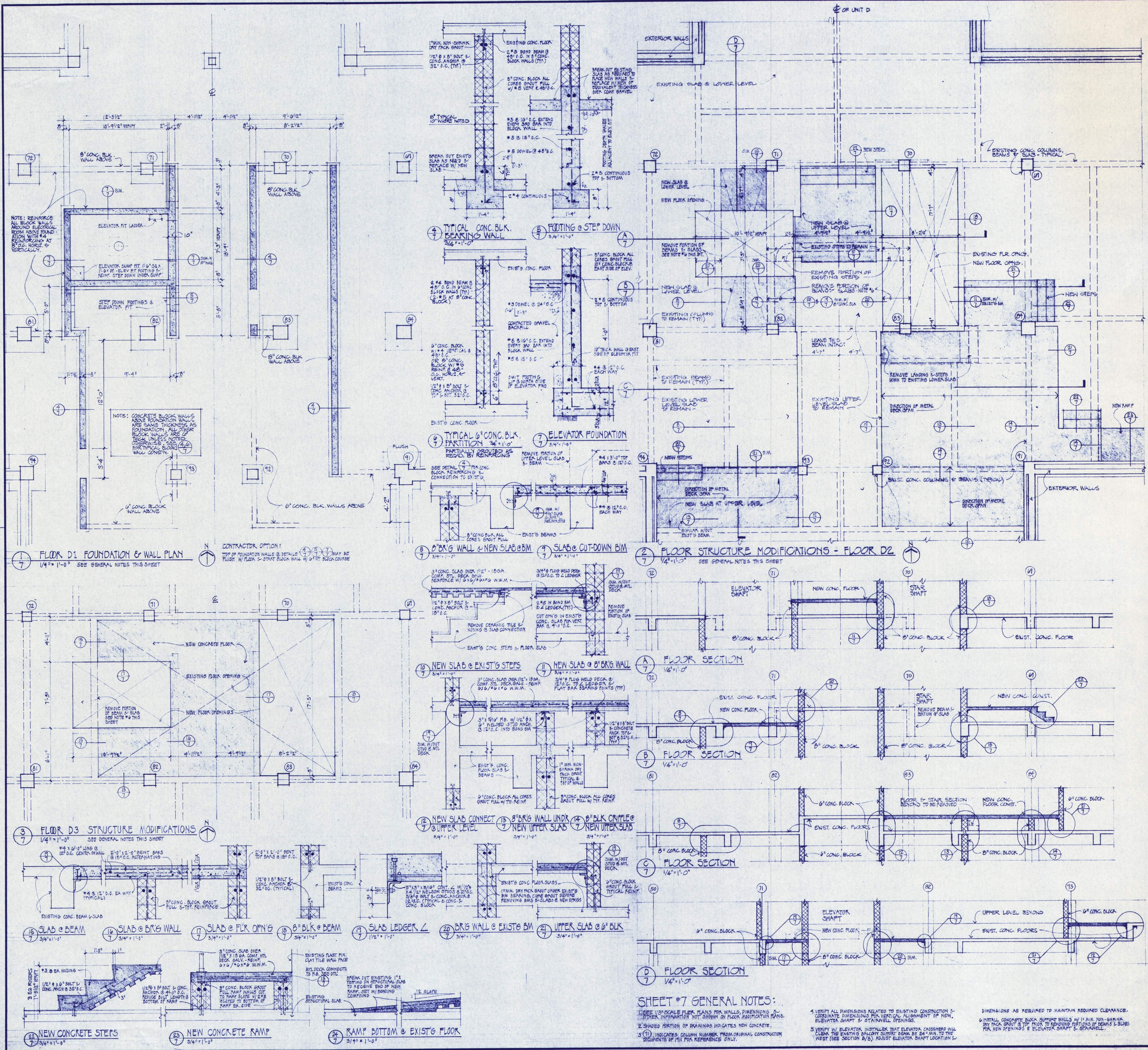
NOTES: GROUT & REIN. CONC. BLOCK PER 16/8

1 SECTION THRU STAIR DS-4
1/4" = 1'-0"

2 STAIR DS-4 @ SECOND FLOOR LEVEL
1/2" = 1'-0"

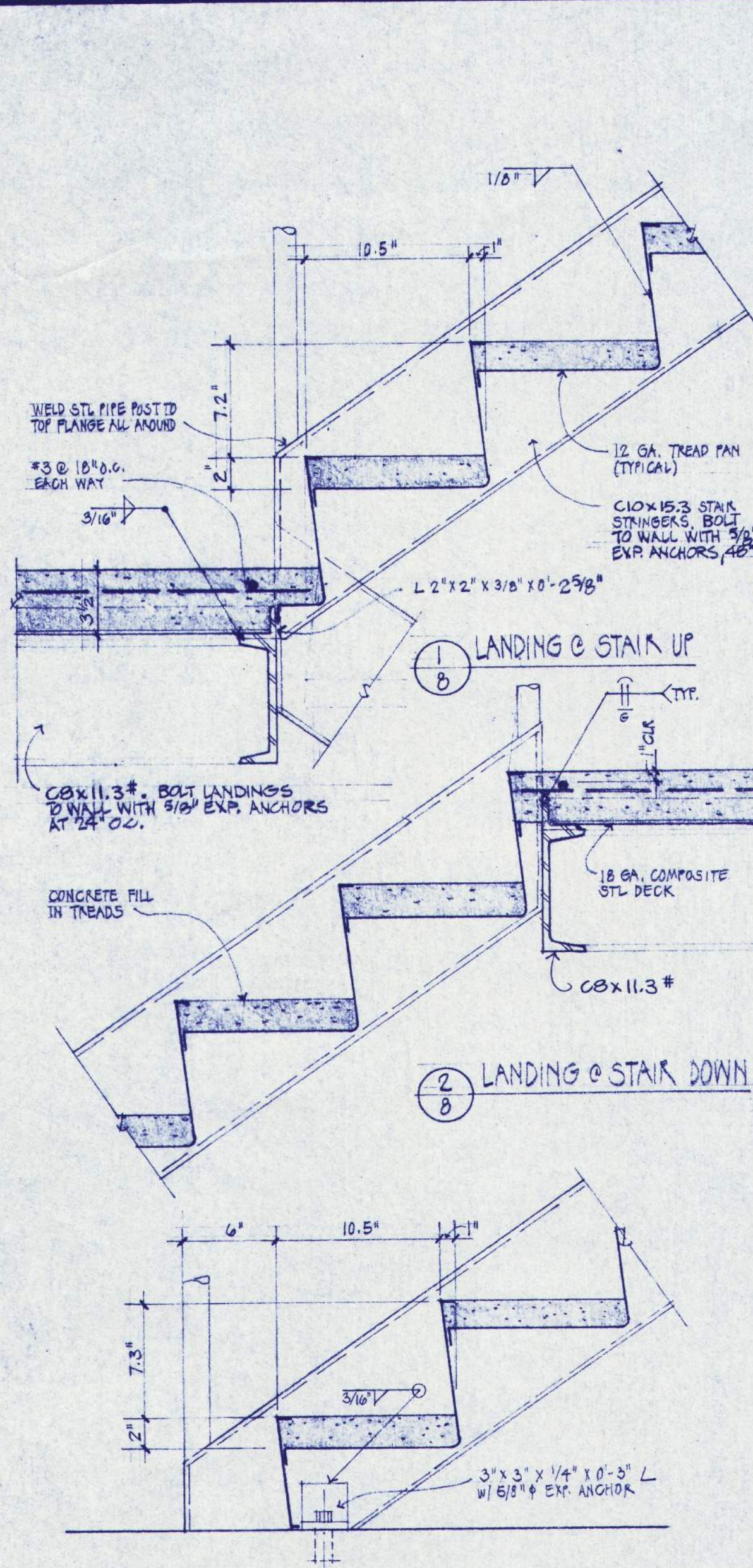
3 STAIR DS-4 @ FIRST FLOOR LEVEL
1/2" = 1'-0"



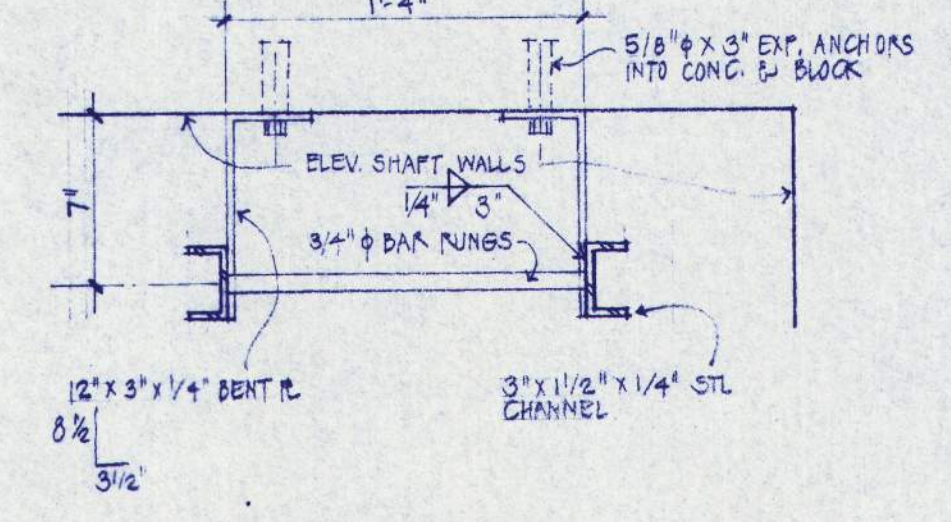


SHEET #7 GENERAL NOTES:

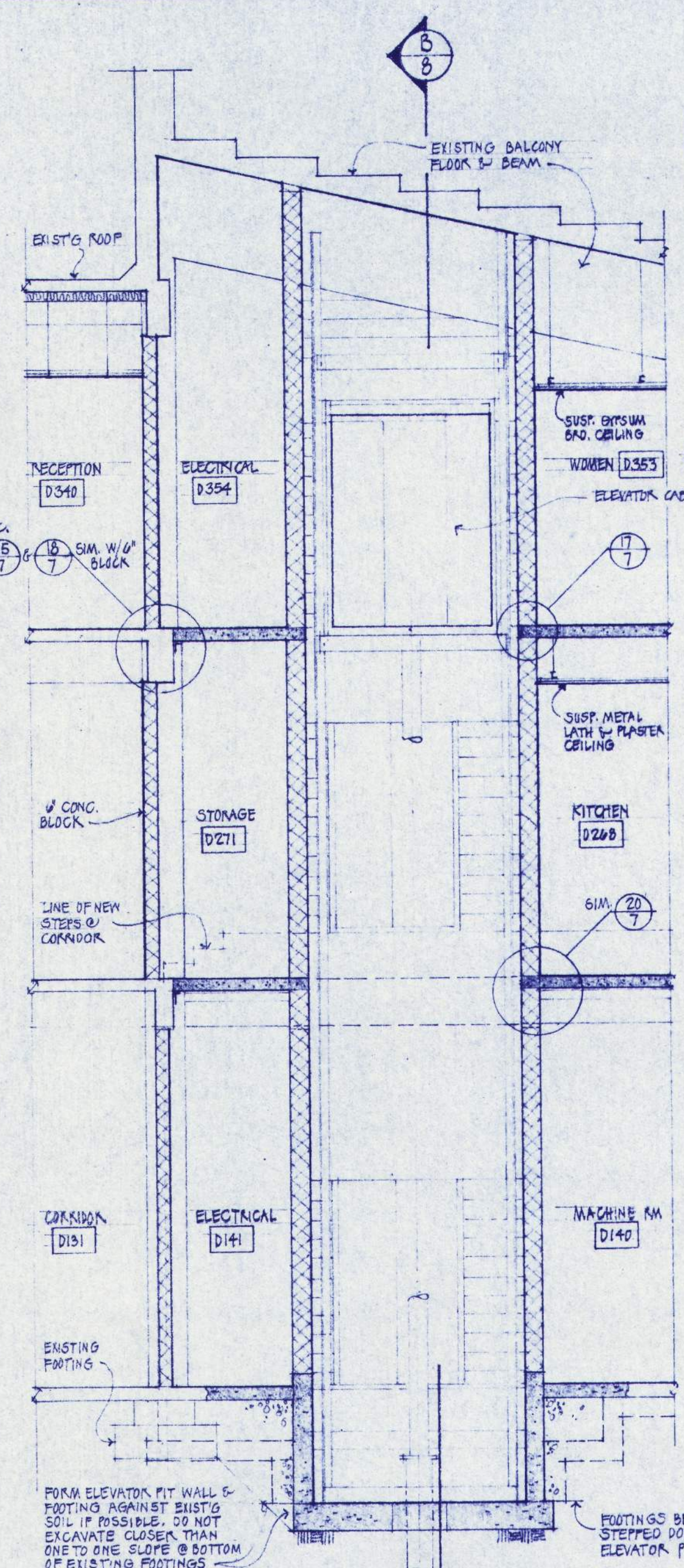
1. VERIFY ALL DIMENSIONS RELATED TO EXISTING CONSTRUCTION & COORDINATE DIMENSIONS FOR VERTICAL ALIGNMENT OF NEW ELEVATOR SHAFT & STAINWELL OPENINGS.
2. SHADDED PORTION OF DRAWINGS INDICATES NEW CONCRETE.
3. VERIFY W/ ELEVATOR INSTALLER THAT ELEVATOR CROSSHEADS WILL CLEAR THE EXIST'G BALCONY SUPPORT BEAM BY 2-4" MIN TO THE WEST (SEE SECTION B/S). ADJUST ELEVATOR SHAFT LOCATION & DIMENSIONS AS REQUIRED TO MAINTAIN REQUIRED CLEARANCE.
4. INSTALL CONCRETE BLOCK SUPPORT WALLS W/ 1" MIN. NON-SHRINK DRY PACK GROUT @ TOP PRIOR TO REMOVING PORTIONS OF BEAMS & SLABS FOR NEW OPENINGS & ELEVATOR SHAFT & STAINWELL.



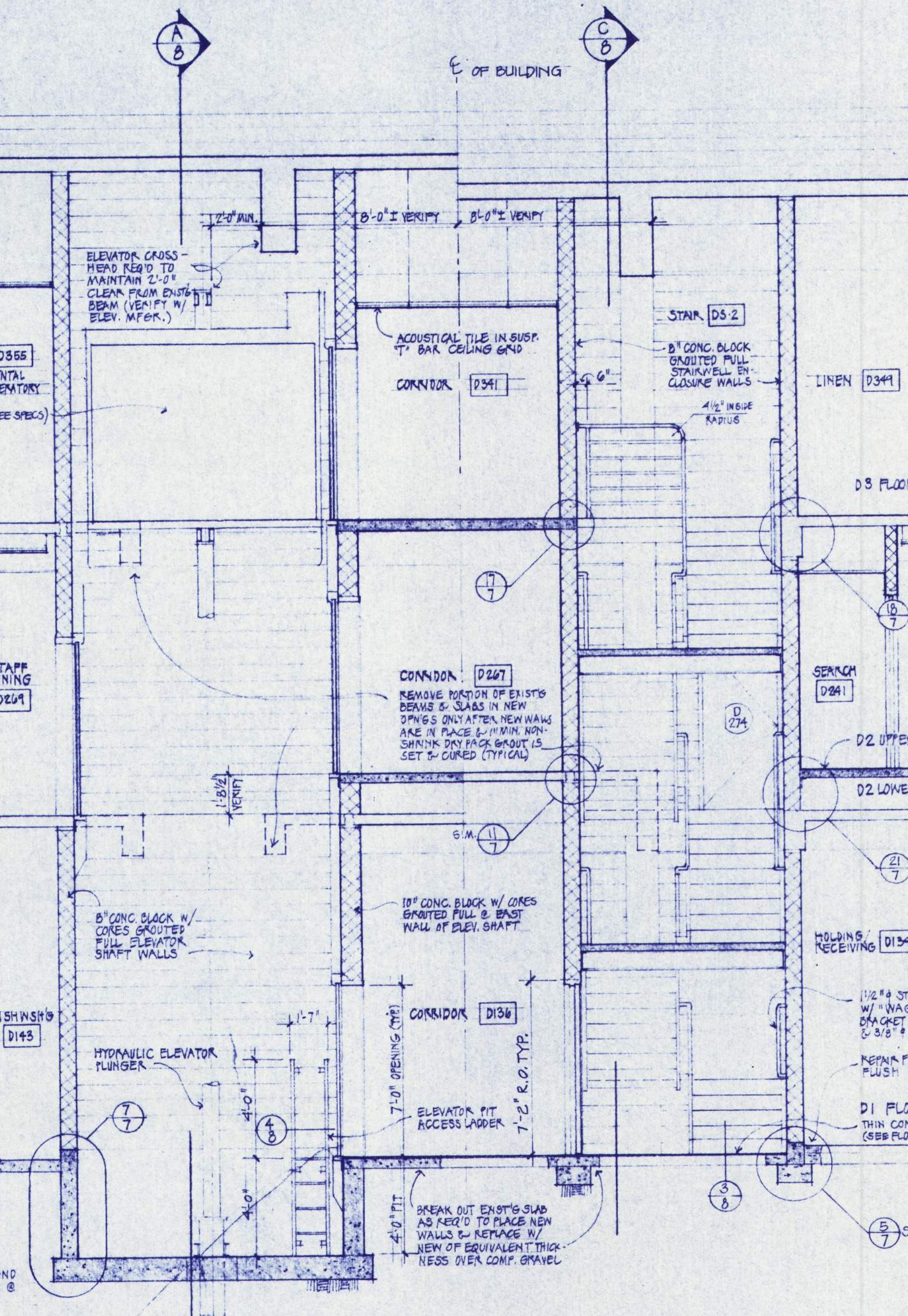
3 STINGER CONNECTION @ SLAB
1/4" = 1'-0"



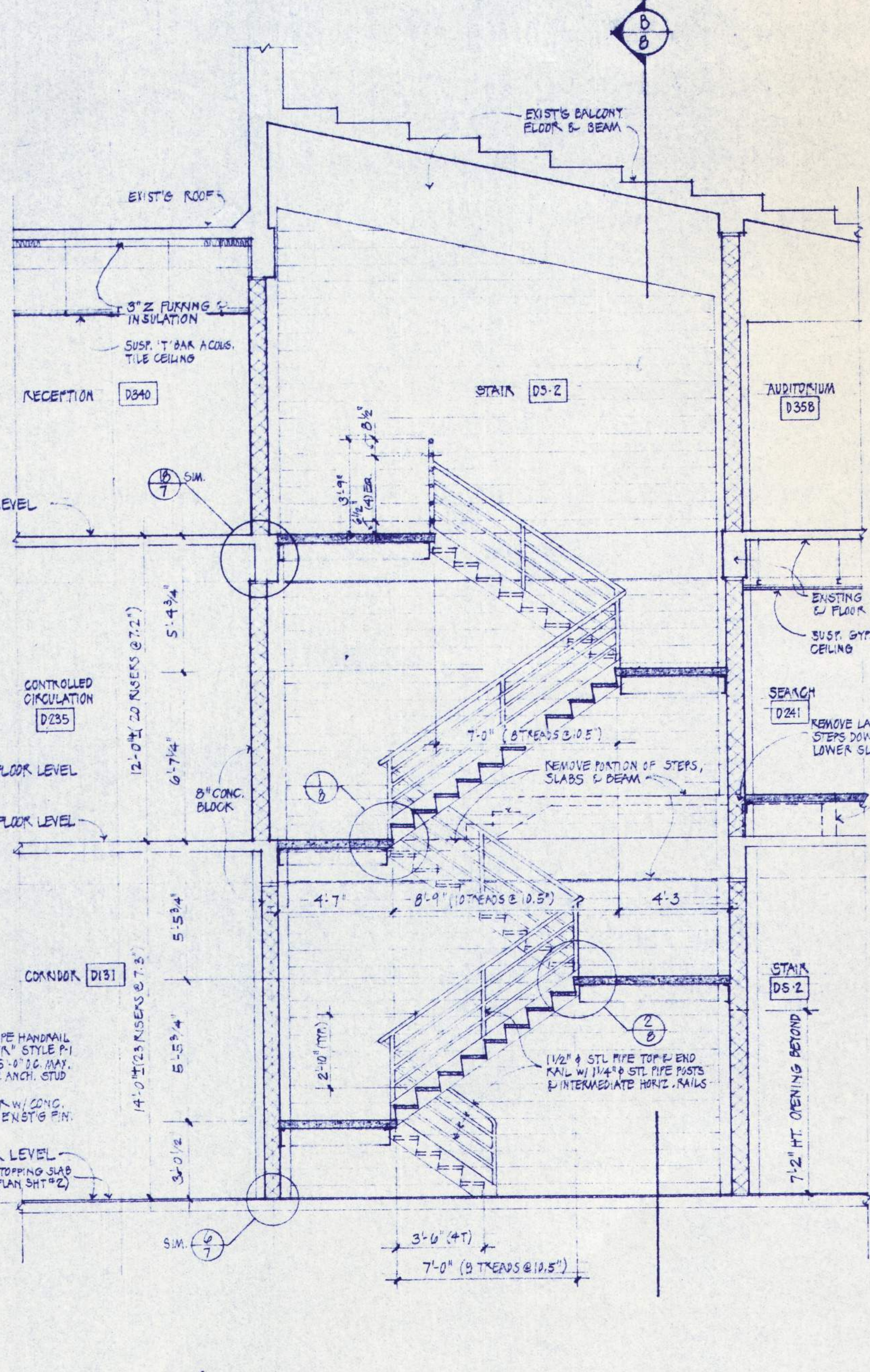
4 STEEL LADDER DETAIL
1/2" = 1'-0"



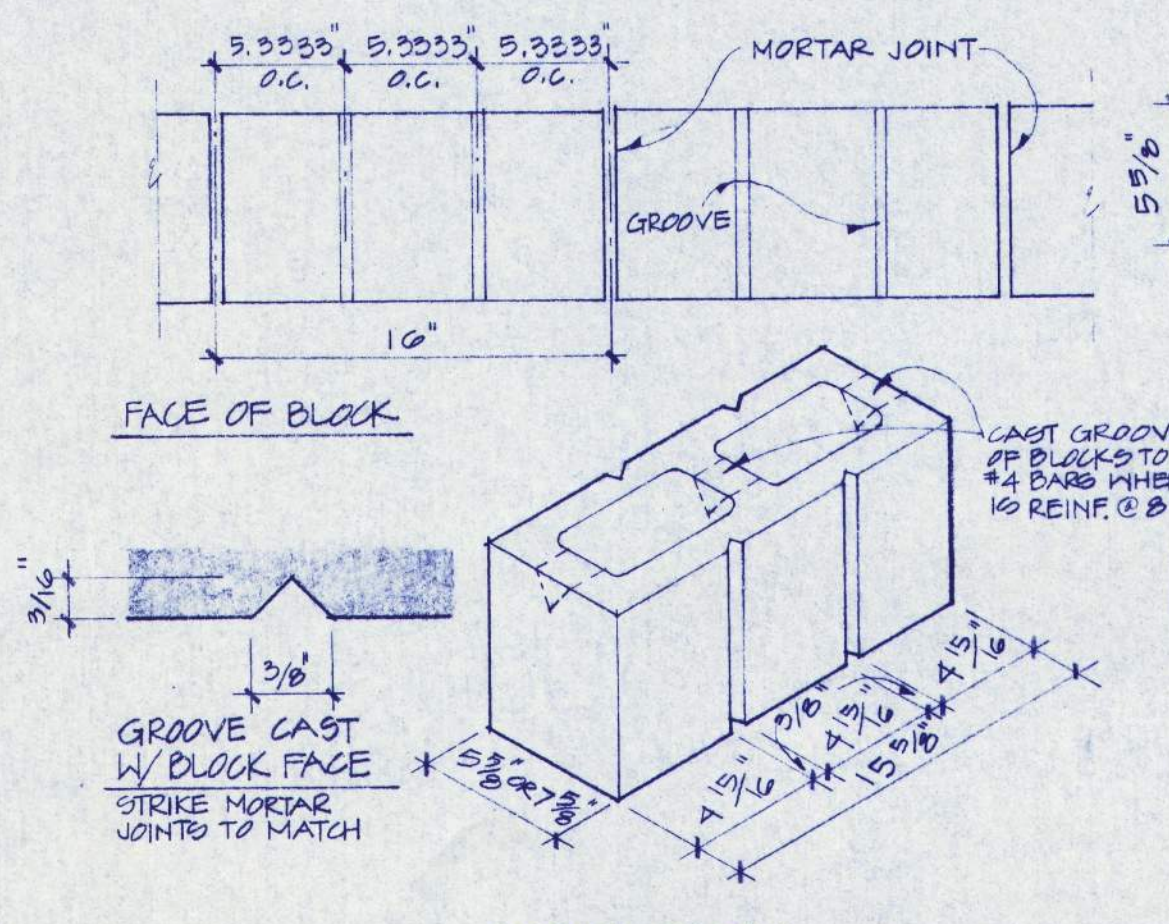
A SECTION THRU ELEVATOR SHAFT
1/4" = 1'-0"



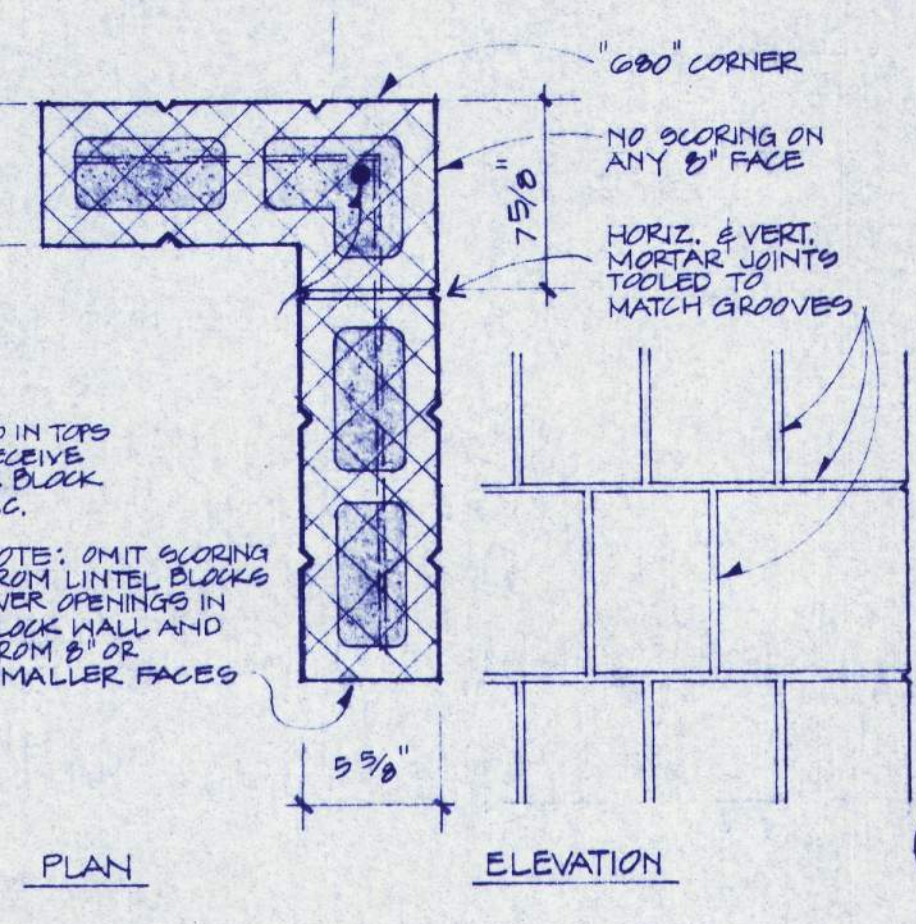
B SECTION THRU ELEVATOR SHAFT & STAIRWELL
1/4" = 1'-0"



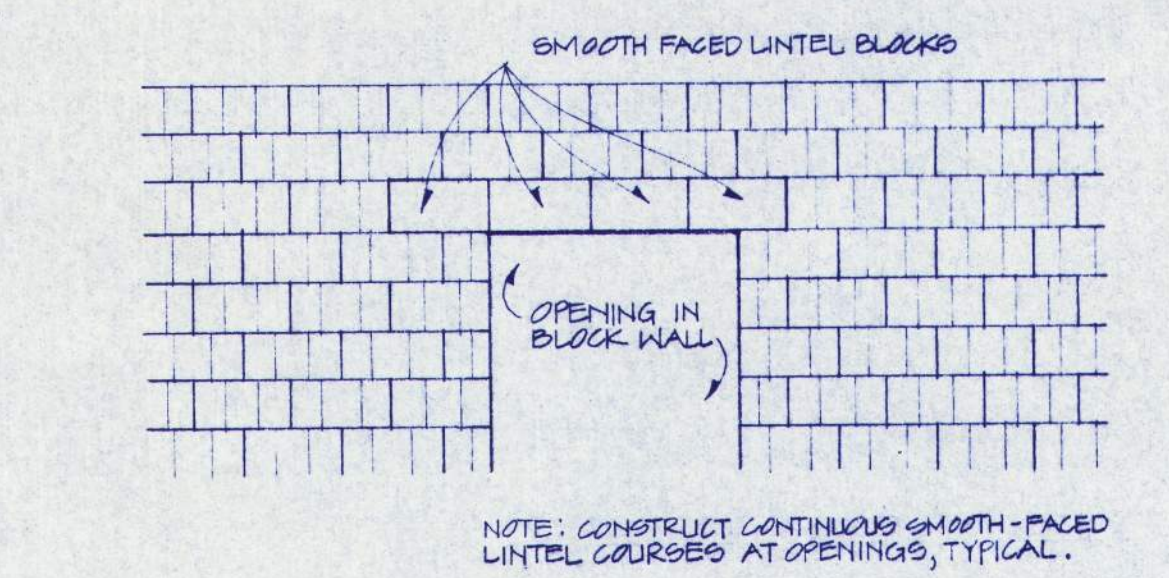
C SECTION THRU STAIRWELL
1/4" = 1'-0"



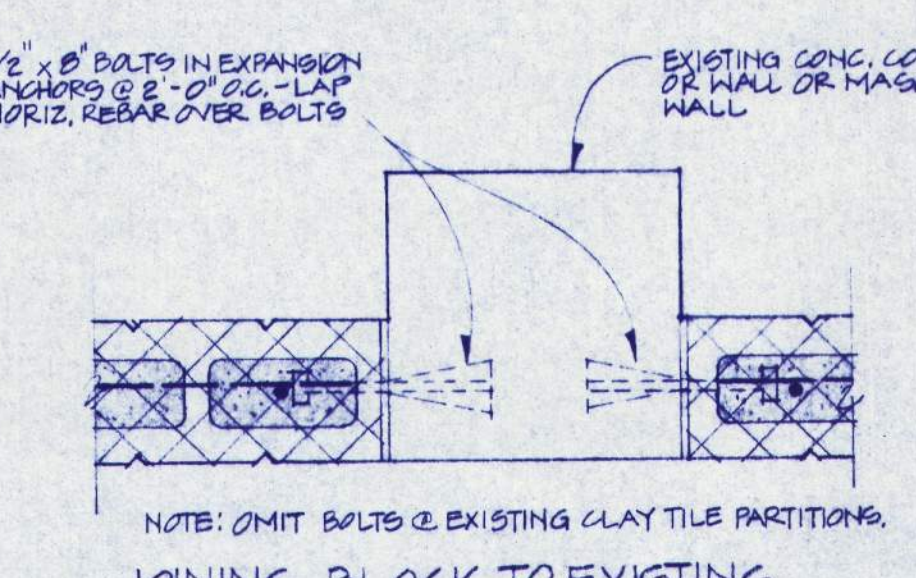
10 TYPICAL C.M.U. W/ SCORING
8 N.T.S.



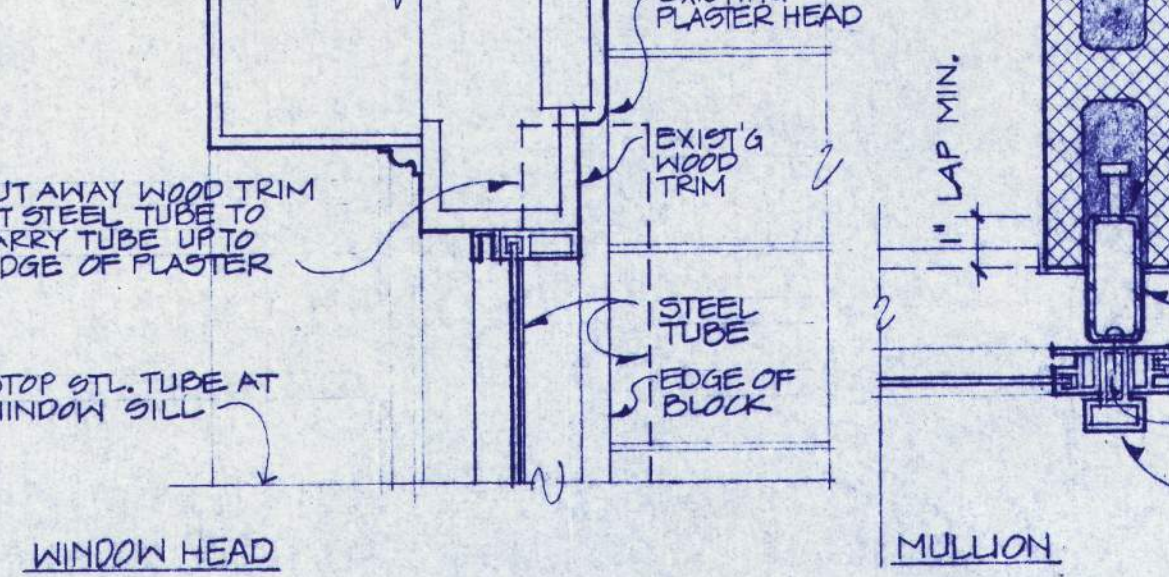
11 90° CORNER BLOCK
8 1/2" = 1'-0"



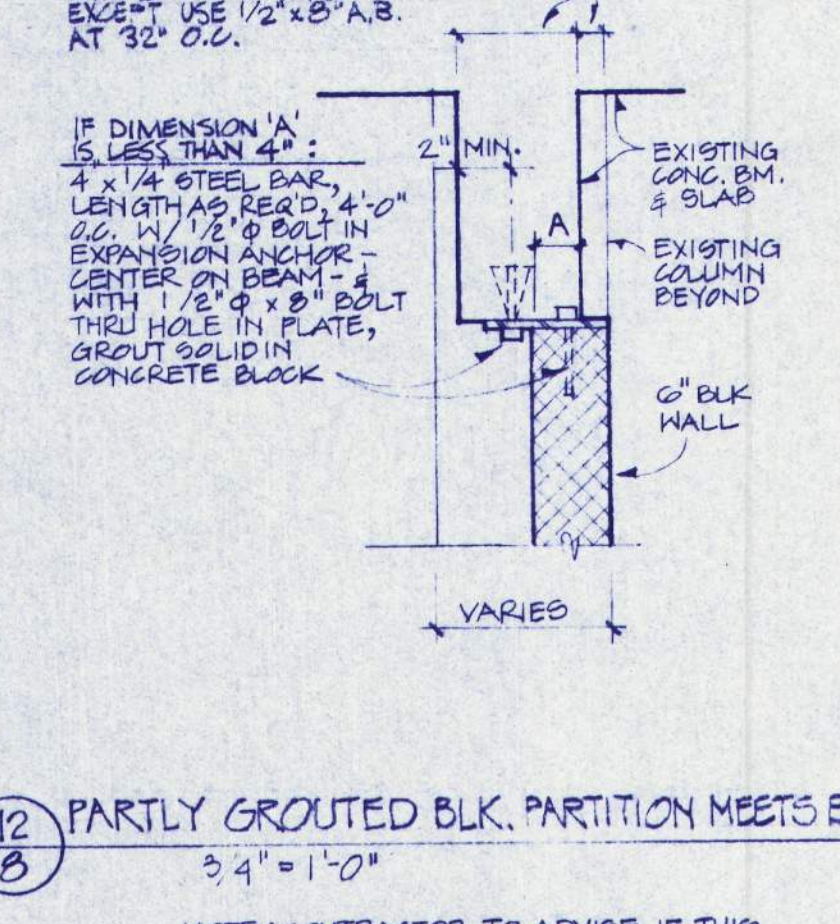
13 SMOOTH FACED LINTEL
8 3/8" = 1'-0"



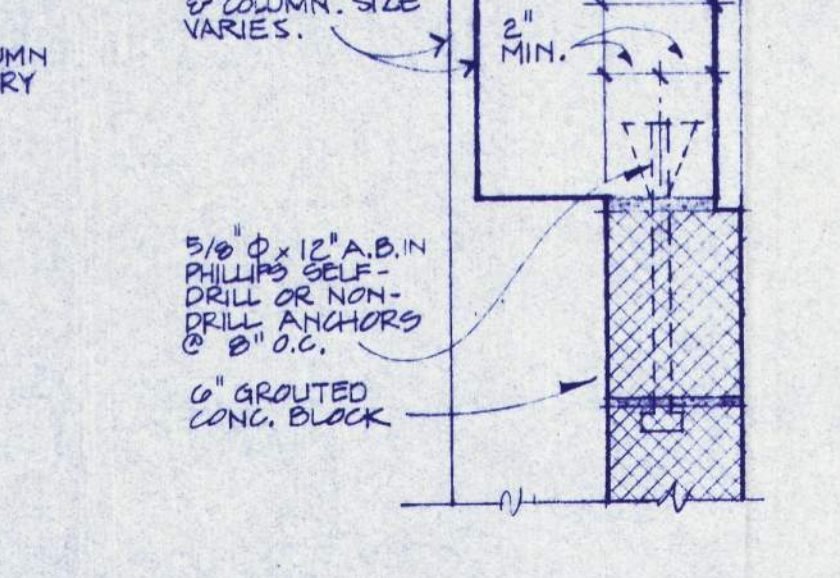
14 JOINING BLOCK TO EXISTING CONCRETE OR MASONRY
8 1/2" = 1'-0"



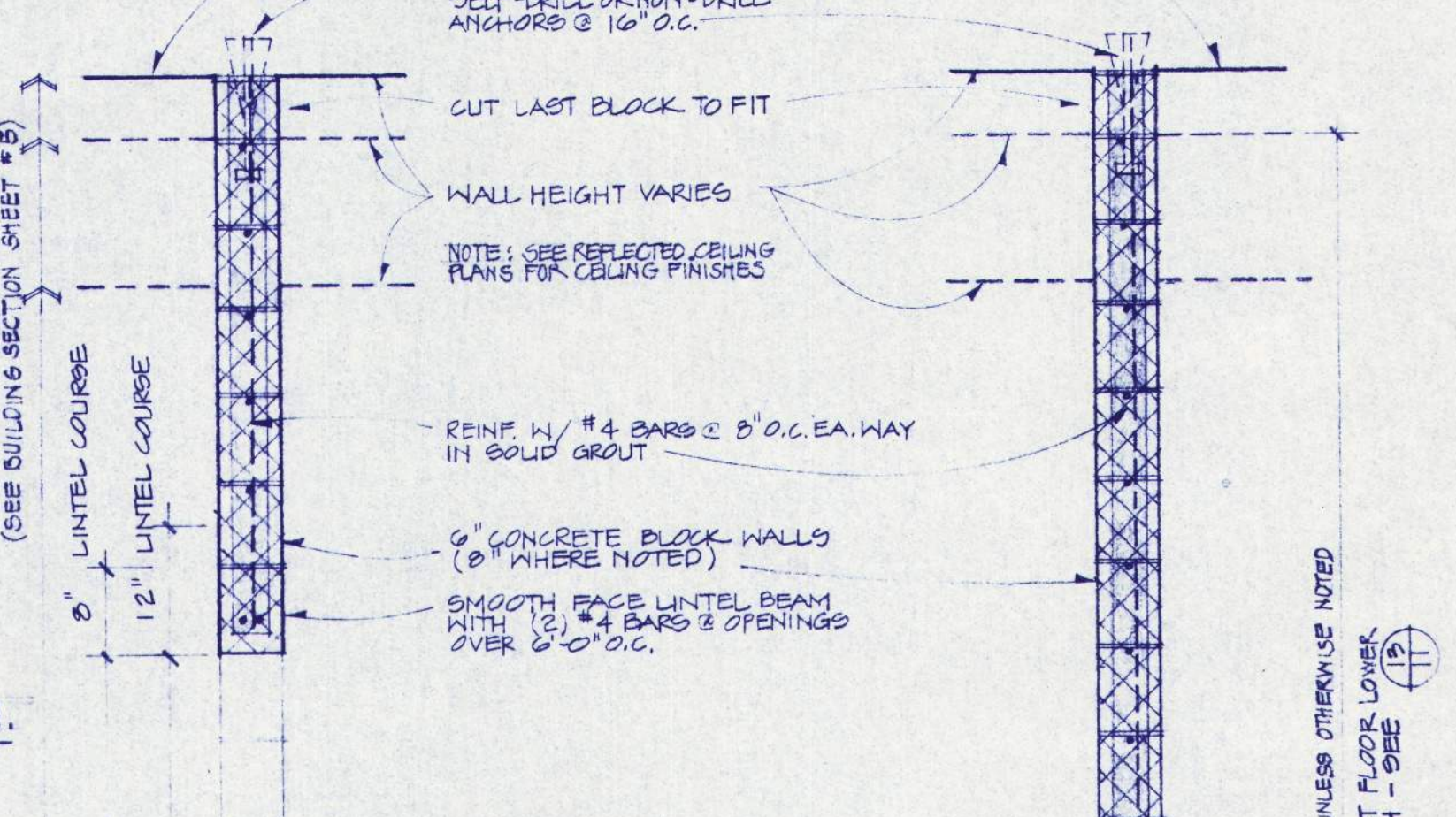
17 BLOCK WALL MEETS WINDOW MULLION
8 1/2" = 1'-0"



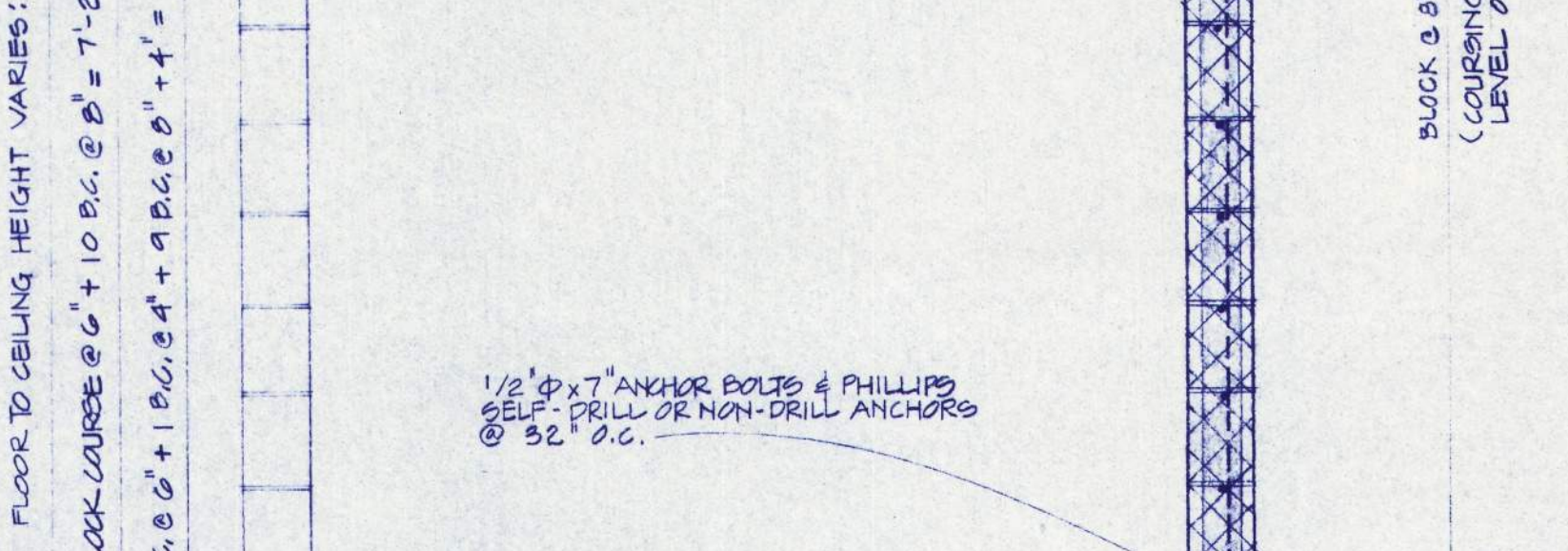
12 PARTLY GROUDED BLK. PARTITION MEETS BM.
8 3/4" = 1'-0"



15 FULL GROUDED PARTITION MEETS BM.
8 1/2" = 1'-0"



16 PARTLY GROUDED CONCRETE BLOCK PARTITIONS
8 3/4" = 1'-0"



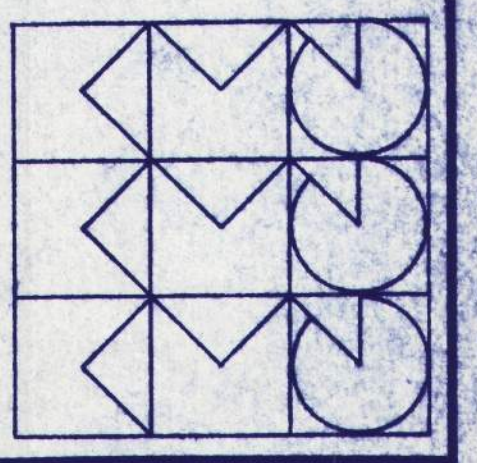
16 FULLY GROUDED CONCRETE BLOCK PARTITIONS
8 3/4" = 1'-0"

TYPICAL CONCRETE BLOCK DETAILS - GROUTING AND REINFORCING VARIES, SEE PLANS.

REGISTERED ARCHITECT
MICHAEL HARRIS
PHYSICIAN
EUREKA REGION
STATE OF OREGON

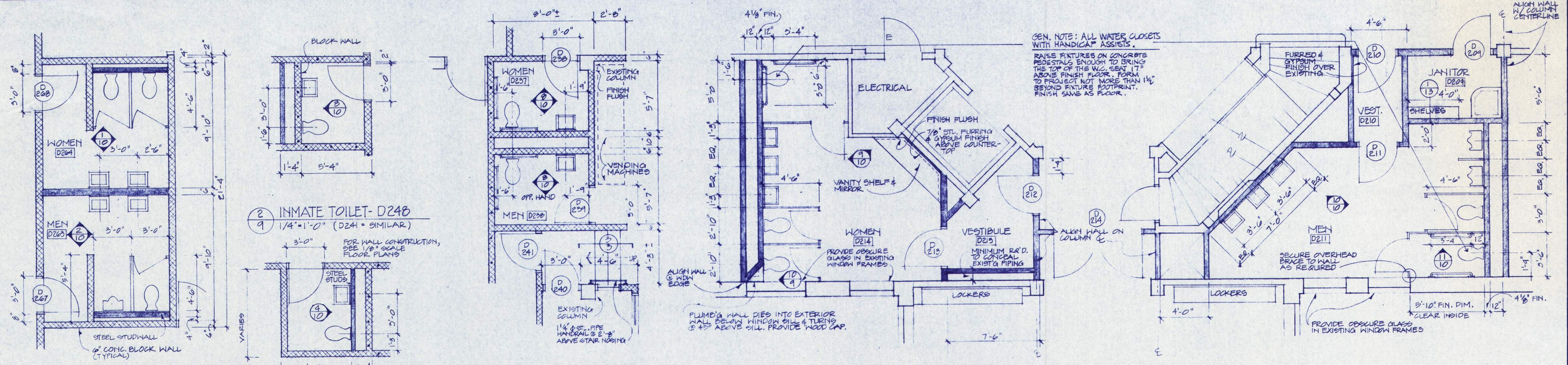
HDR
Harrington, Durham & Richardson
CORRECTION CONSULTANT
DALLAS, TEXAS

EASTERN OREGON CORRECTIONAL INSTITUTION
PENDLETON, OREGON
PHASE 4
WEGROUP pc / ARCHITECTS & PLANNERS
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812 S.W. WASHINGTON STREET/PORTLAND, OREGON 97205/USBR 028-1181
880 THIRTIETH AVENUE EAST/EGGIE, OREGON 97071/USBR 944-5249

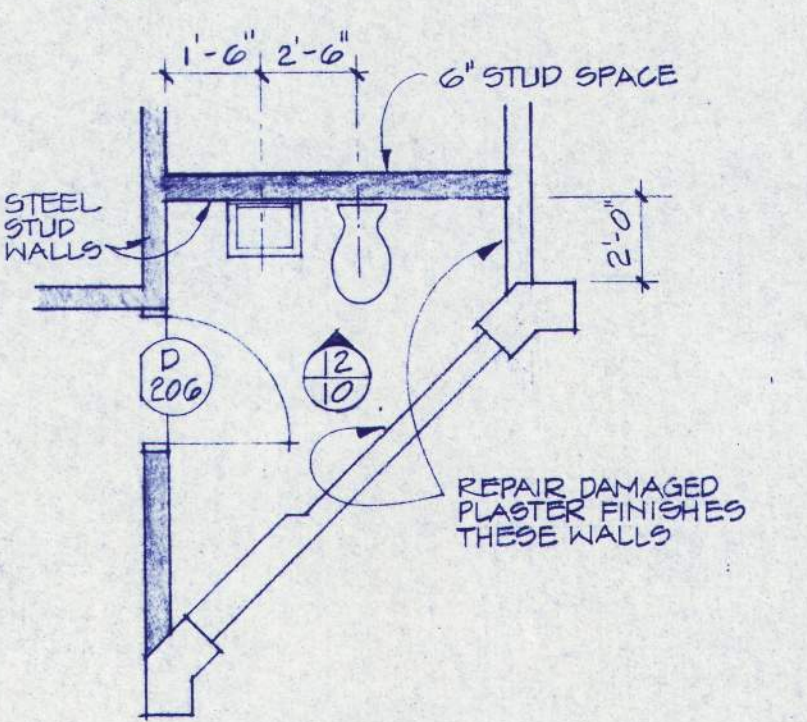


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JOB 891 #4

8



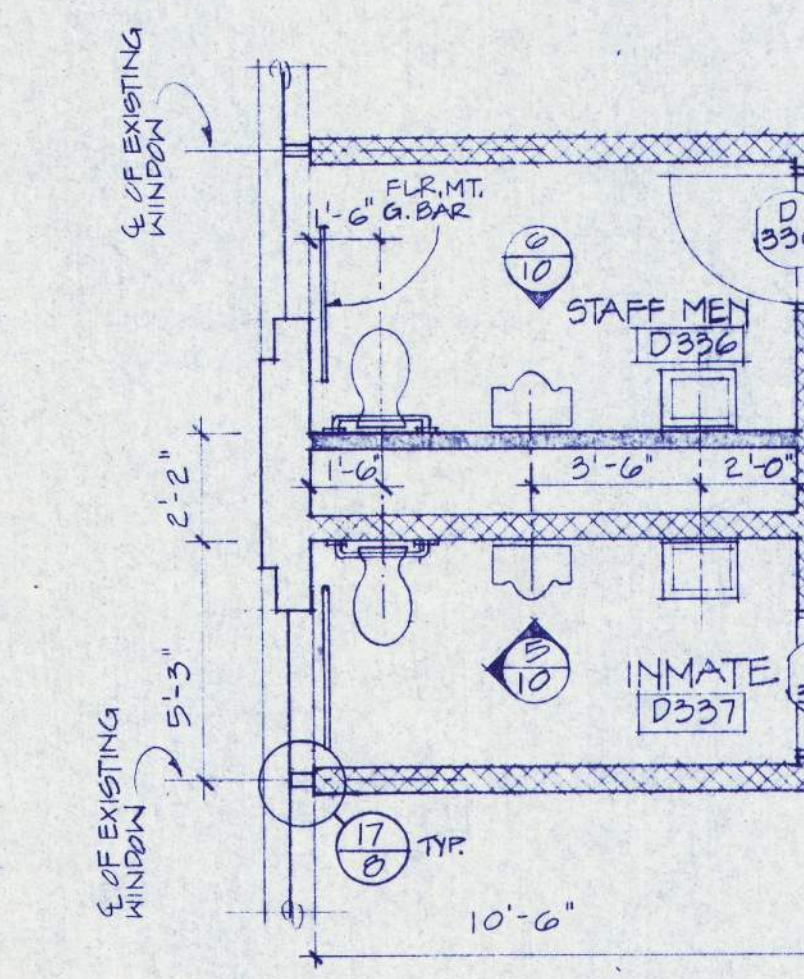
1 WOMEN - D264 & MEN - D263
1/4" = 1'-0"



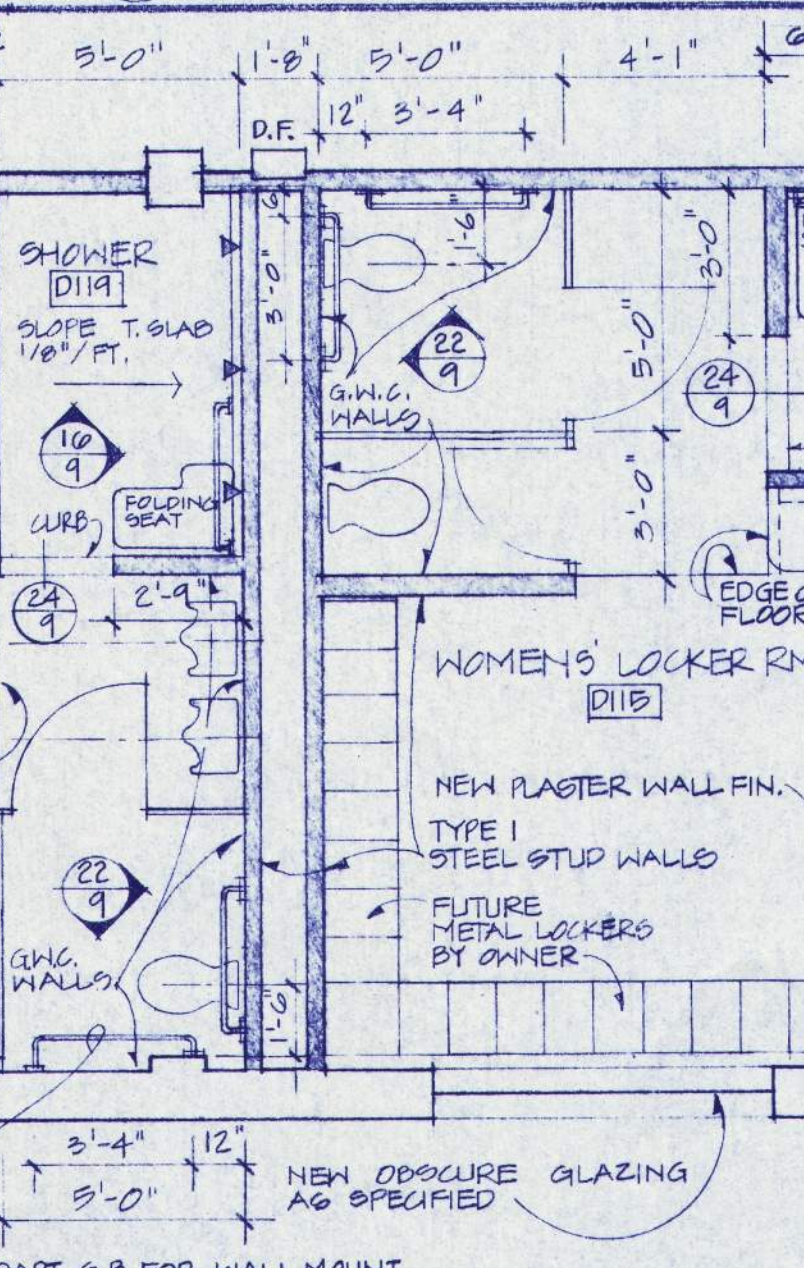
2 SUPT.'S TOILET - D222
1/4" = 1'-0"
SEE 1/8" SCALE PLAN FOR DEMOLITION



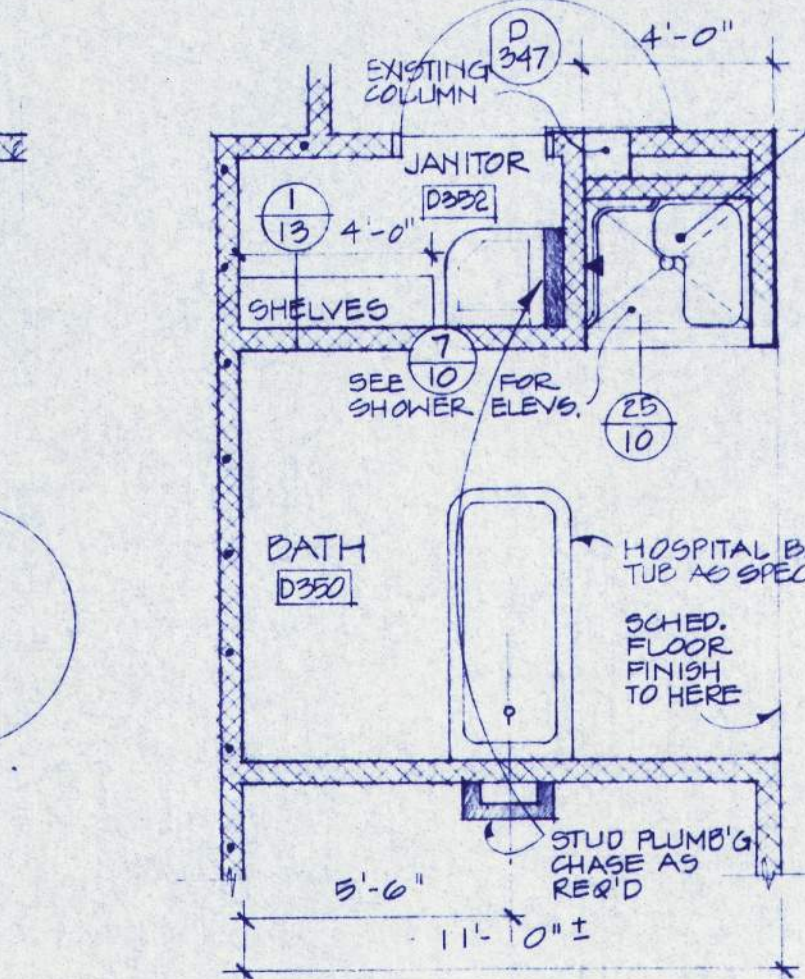
3 STAFF TOILET - D247
1/4" = 1'-0" (D138, D139, D243, D336 & SIMILAR)



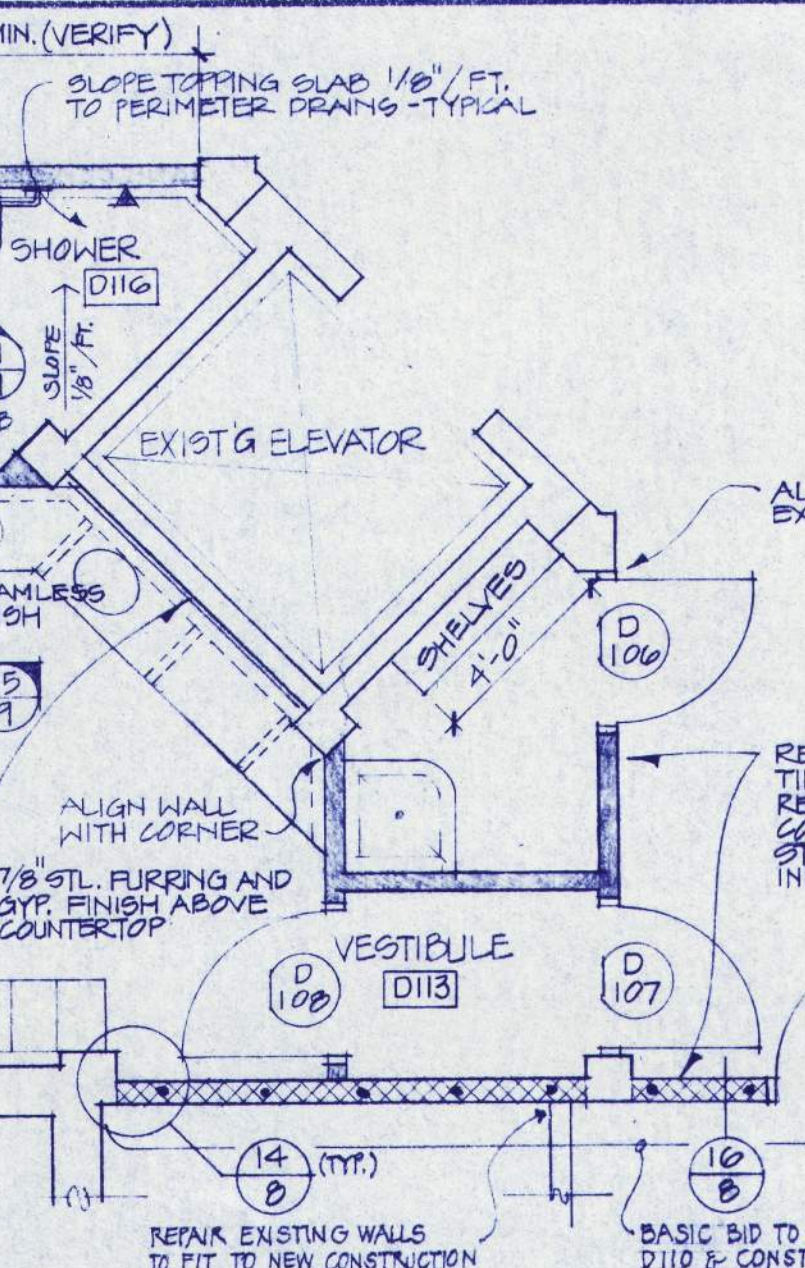
7 TOILETS D336 & D337
1/4" = 1'-0"



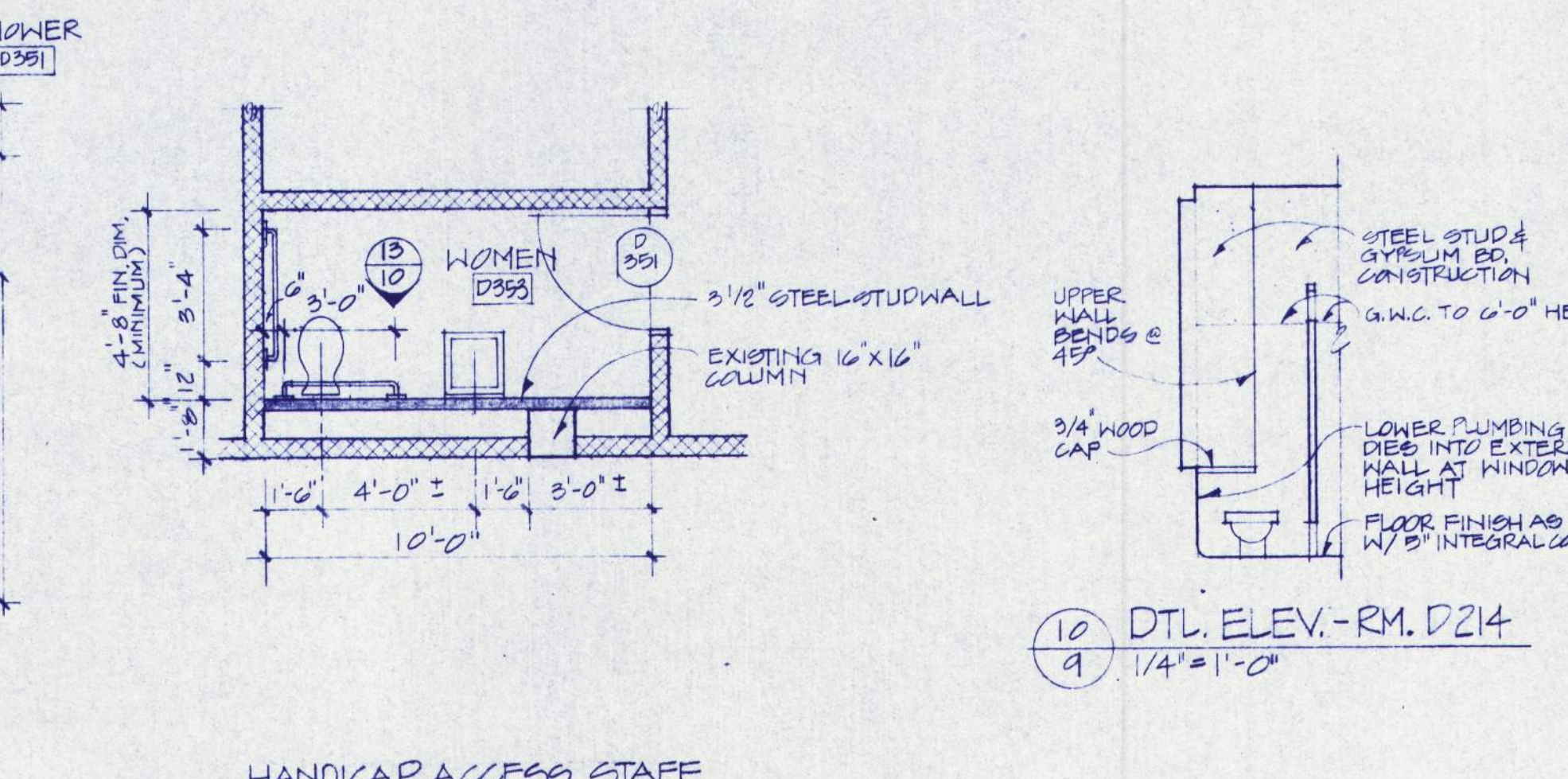
4 HANDICAP ACCESS TOILETS - D237 & D238
1/4" = 1'-0"



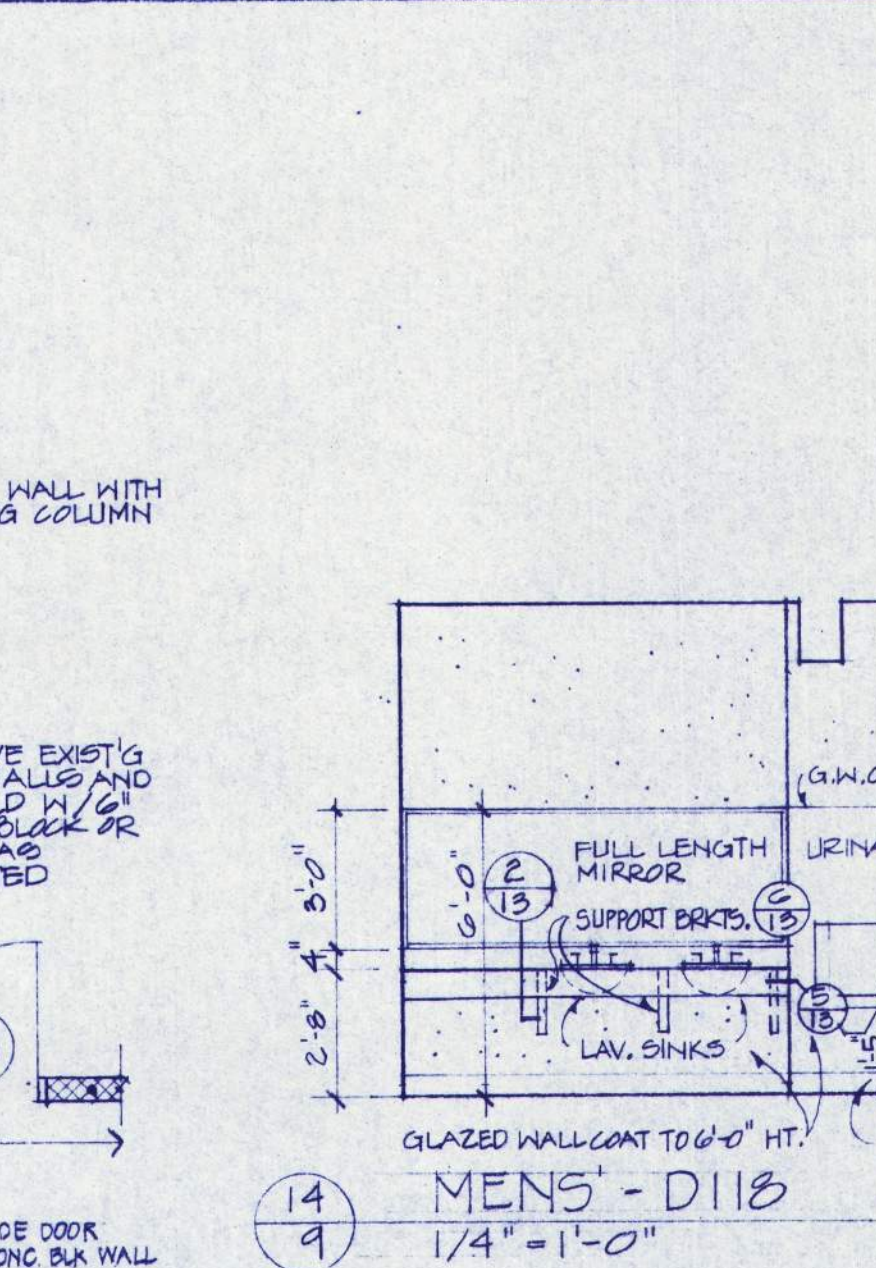
8 IN-PATIENT SHOWER & BATH
1/4" = 1'-0"



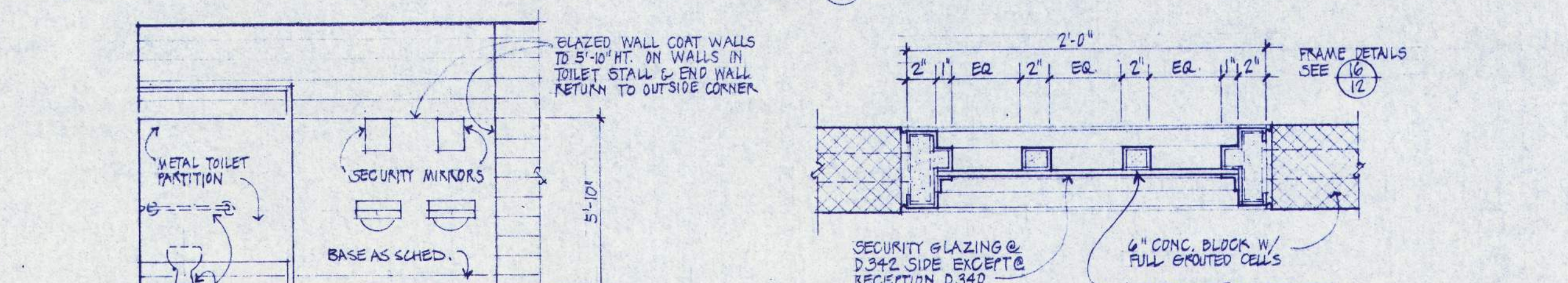
5 WOMEN'S TOILET - D214 & MEN'S TOILET - D211 ALTERNATE NO. 2
1/4" = 1'-0" SEE 1/8" SCALE PLAN FOR DEMOLITION WORK



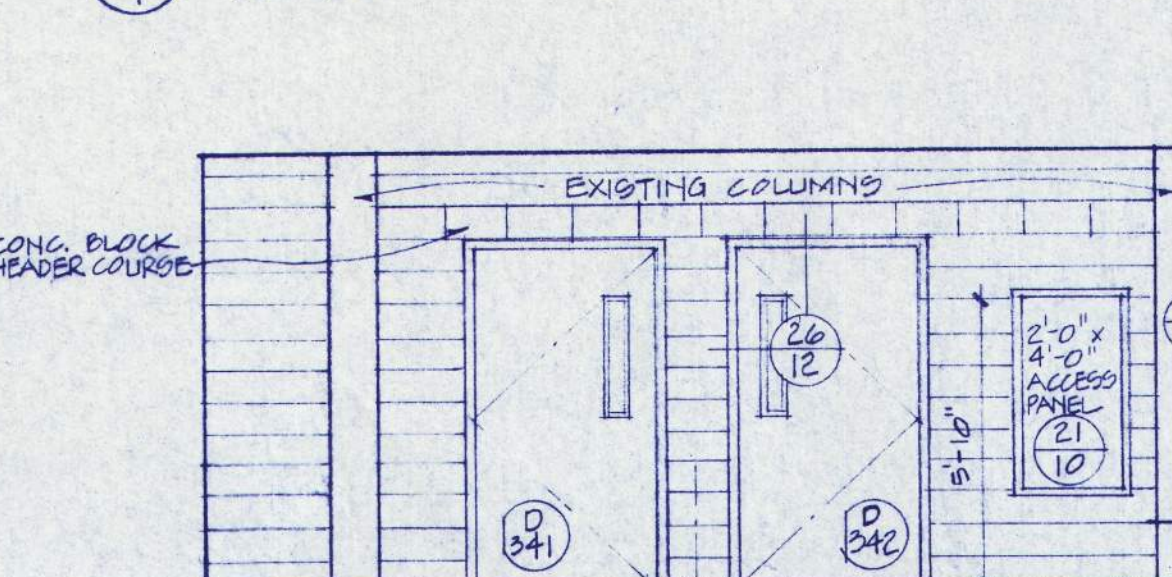
9 HANDICAP ACCESS STAFF TOILET - D353
1/4" = 1'-0"



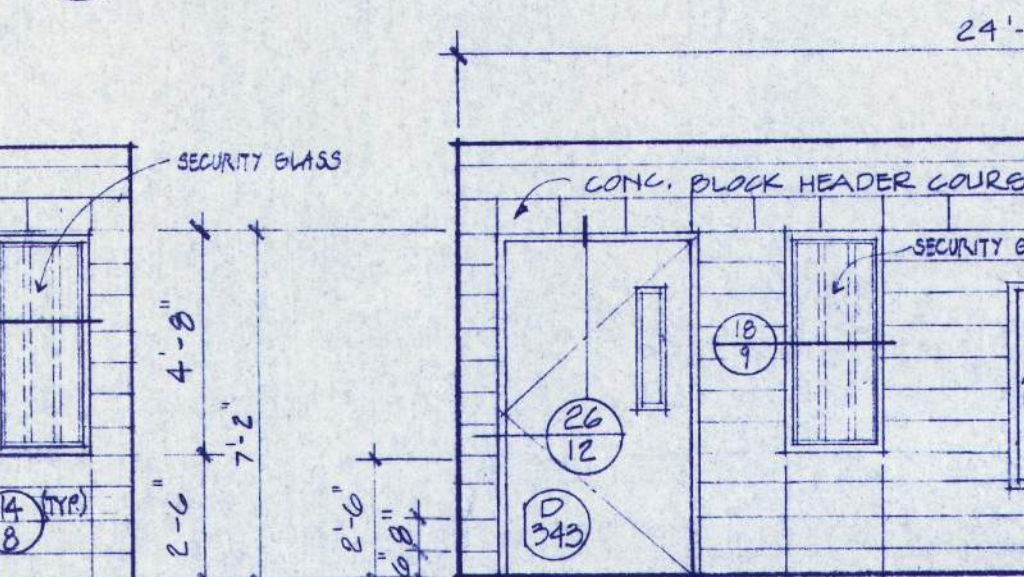
13 MENS' LOCKER RM. - D118 & WOMENS' LOCKER RM. - D115 - ALTERNATE BID NO. 4
1/4" = 1'-0" (ALL STUD WALLS SHOWN ARE TYPE I - SEE 1/8" FOR DEFINITION). SEE 1/8" SCALE PLAN FOR DEMOLITION WORK.



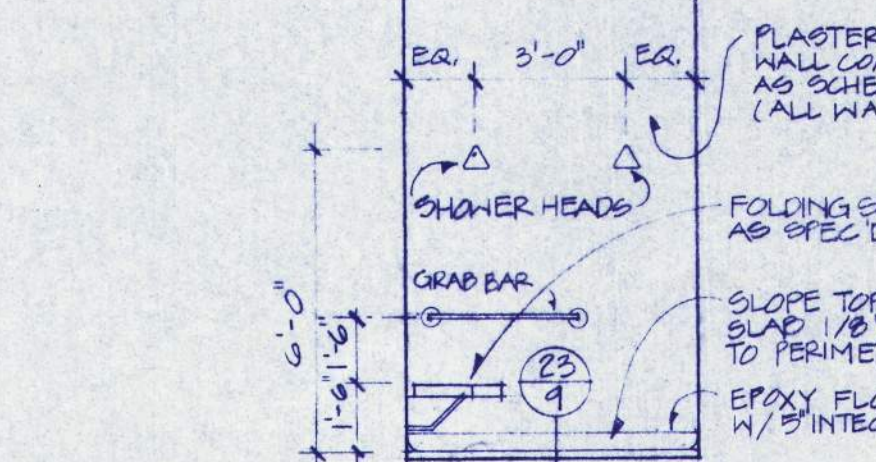
17 TOILET AREA @ INFIRMARY D342. BASIC BID
1/4" = 1'-0"



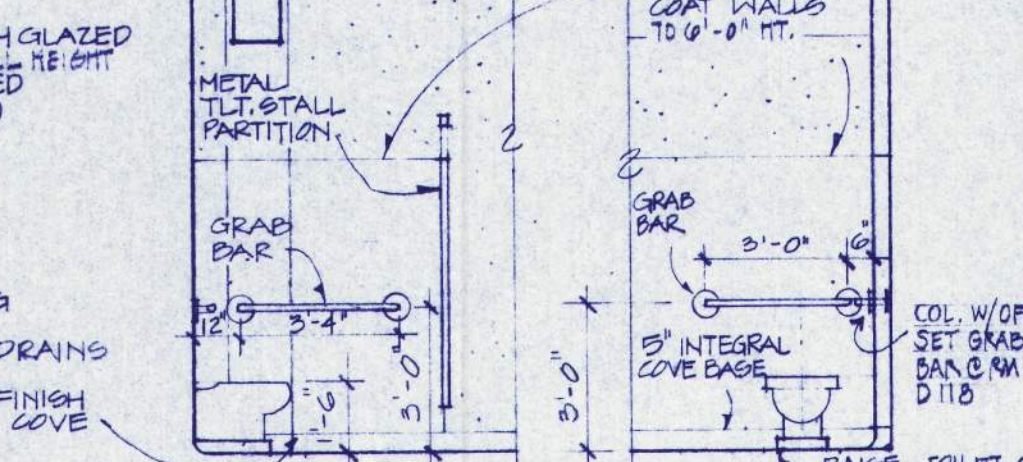
18 TYPICAL SECURITY RELITE DETAIL
1/2" = 1'-0"



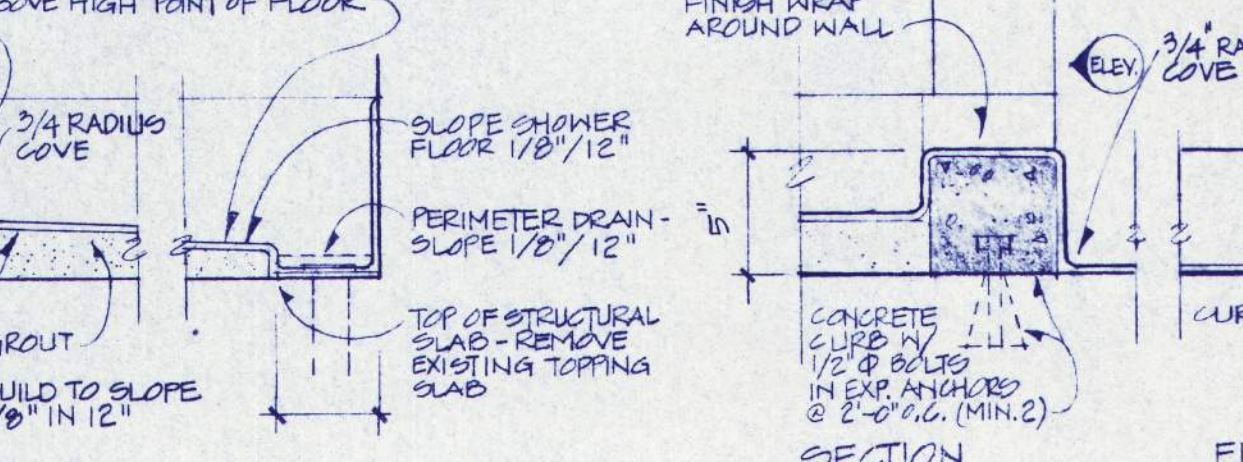
14 MENS' - D118
1/4" = 1'-0"



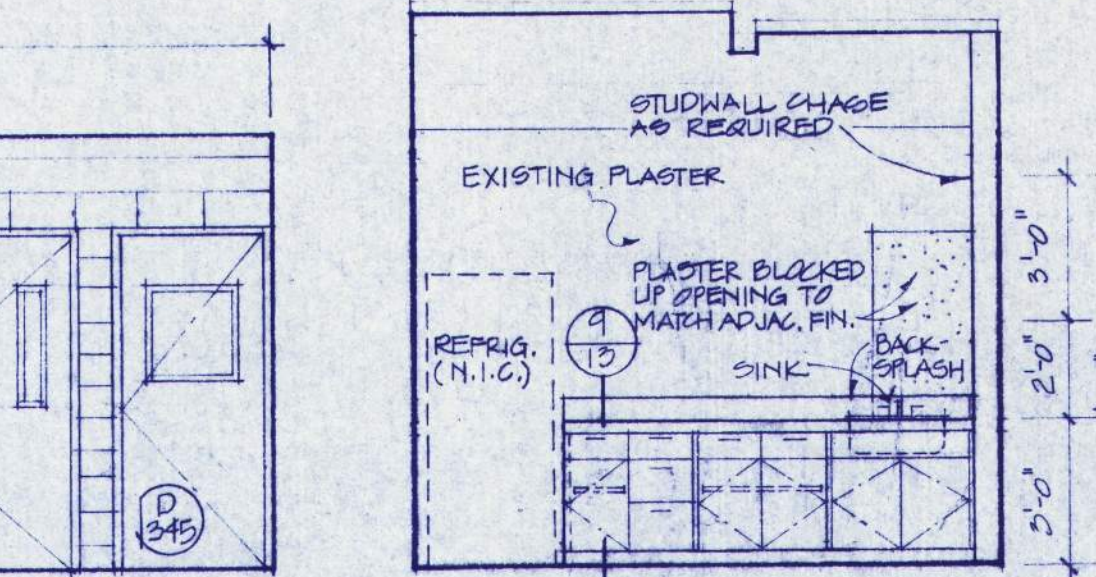
15 WOMENS' - D115
1/4" = 1'-0"



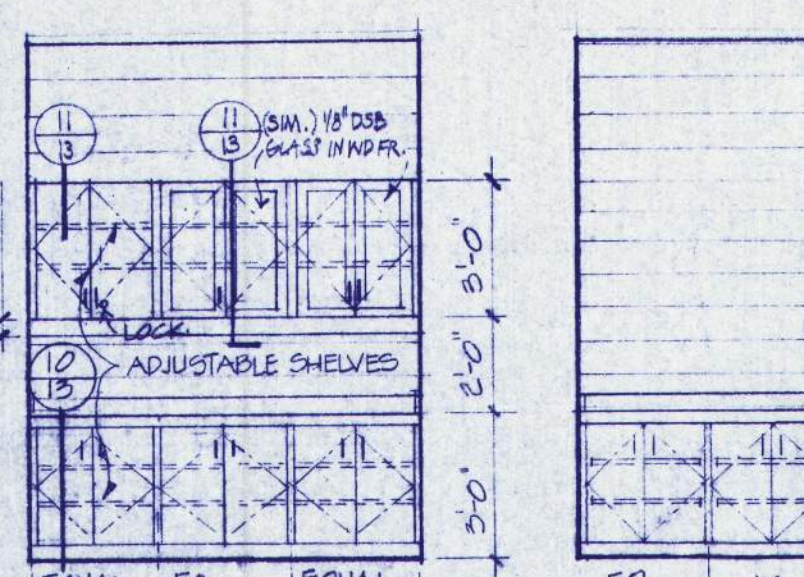
16 SHOWER & MEN'S LOCKER RM. - D119
1/4" = 1'-0"



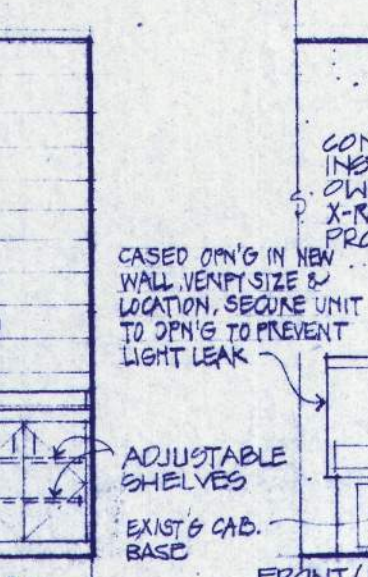
21 SHOWER @ WMN'S LOCKER RM. D116
1/4" = 1'-0"



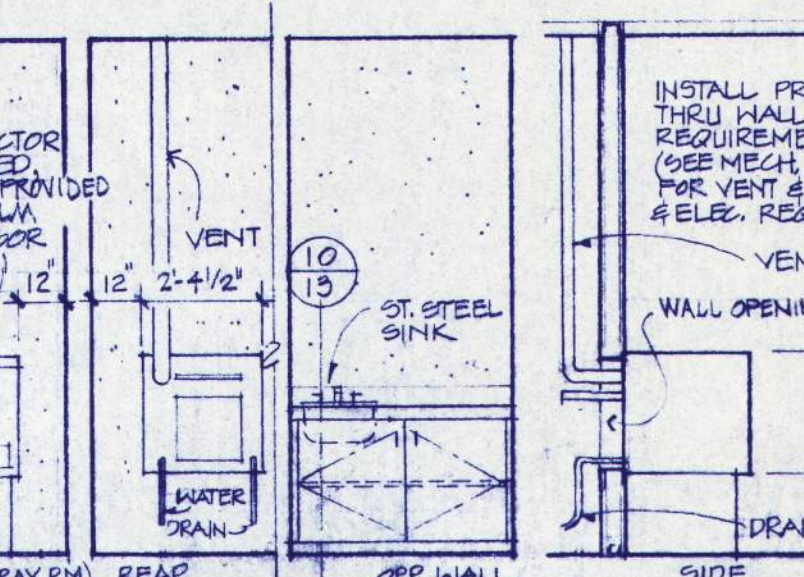
22 TLT. STALL / H-CAP ACCESS D115 & D118
1/4" = 1'-0"



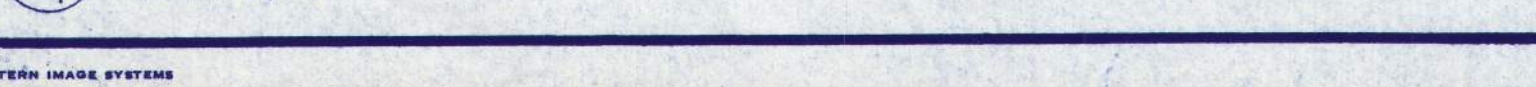
23 FLOOR DETAIL
1/2" = 1'-0"



24 CURB DETAIL
1/2" = 1'-0"



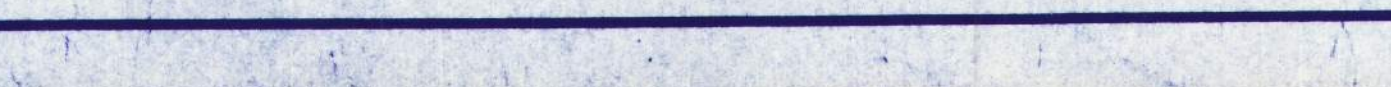
25 MEDICAL ISOLATION CELLS - D342 ALTERNATE NO. 1
1/4" = 1'-0"



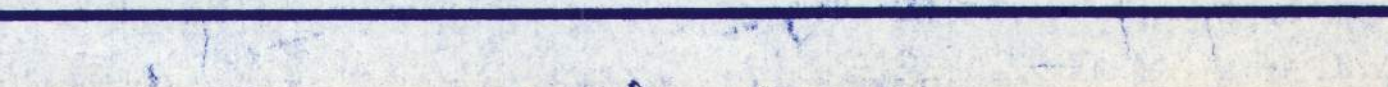
26 KITCHENETTE - D348
1/4" = 1'-0"



27 PHARMACY - D331
1/4" = 1'-0"



28 DARKROOM - D333
1/4" = 1'-0"



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WEGROUP pc / ARCHITECTS & PLANNERS

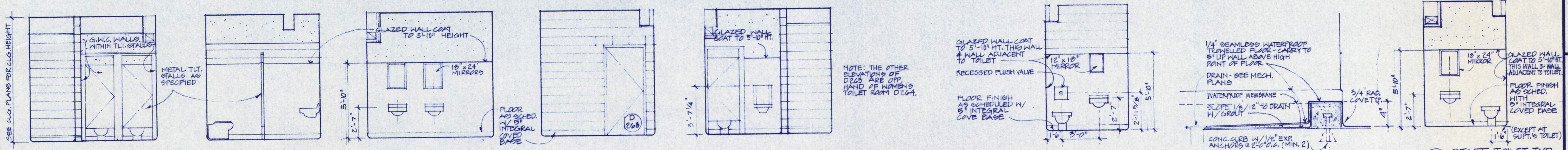
EASTERN OREGON CORRECTIONAL INSTITUTION
PENDLETON, OREGON

PHASE 4

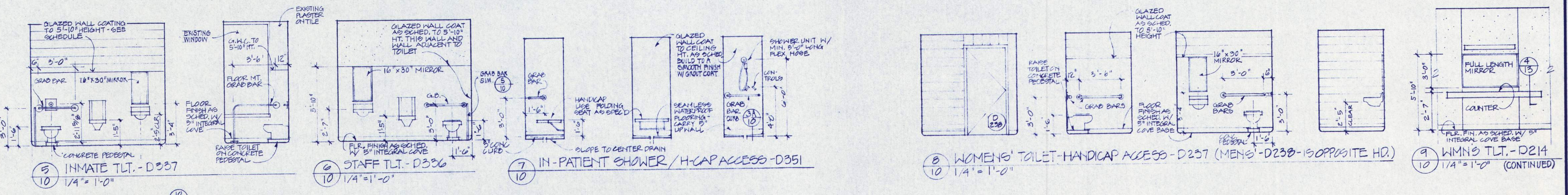
HDR
CORRECTION CONSULTANT
Herrington, Durham & Richardson
DALLAS, TEXAS

APPROVED
DRAWN S.D.
DATE 5 JULY 88
JOB 801 # 4

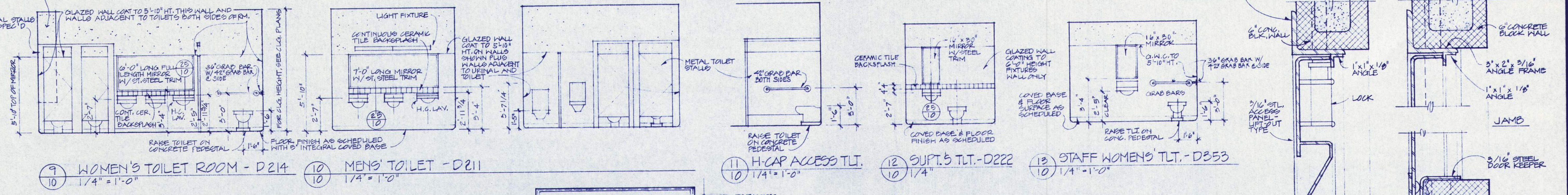
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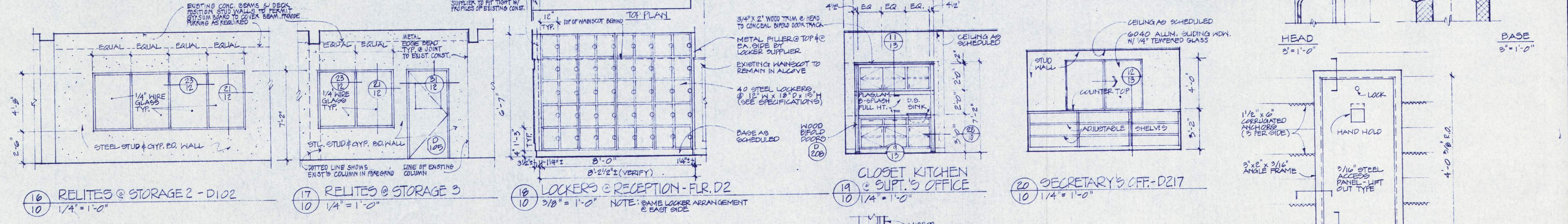
1 WOMEN'S TOILET D264 1/4" = 1'-0"
 2 MEN'S TOILET D263 1/4" = 1'-0"
 3 INMATE TOILET - D248 (D241 SIM) 1/4" = 1'-0"
 3A SHOWER D351 FLOOR 1/8" = 1'-0"



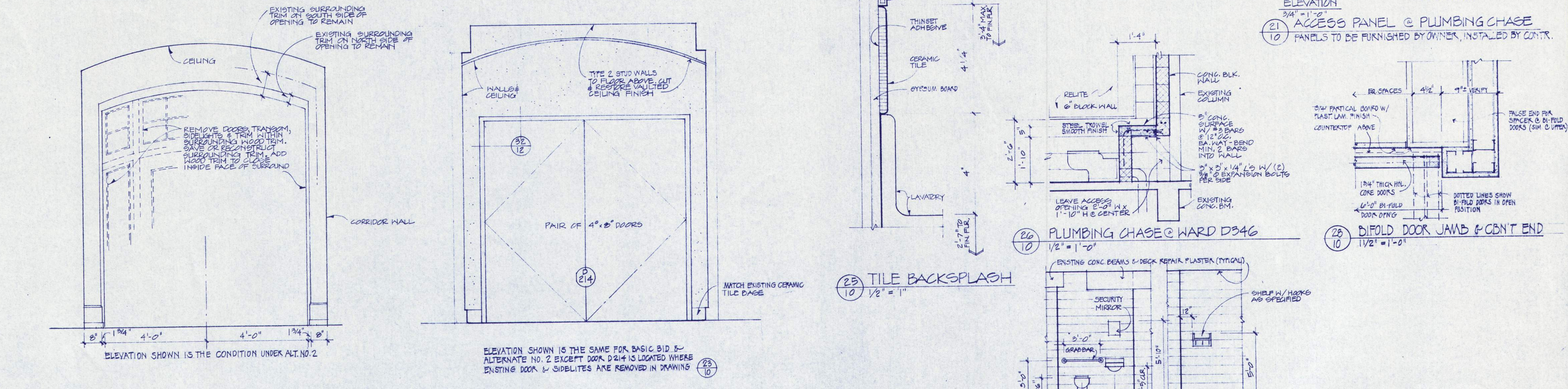
5 INMATE TL - D337 1/4" = 1'-0"
 6 STAFF TL - D336 1/4" = 1'-0"
 7 IN-PATIENT SHOWER / H-CAP ACCESS - D351 1/4" = 1'-0"
 8 WOMEN'S TOILET - HANDICAP ACCESS - D257 (MENS - D238 - IS OPPOSITE HD.) 1/4" = 1'-0"
 9 WOMEN'S TL - D214 1/4" = 1'-0" (CONTINUED)



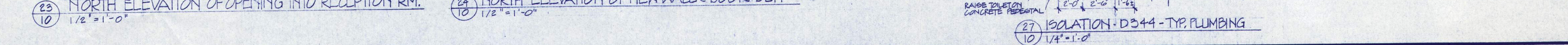
9 WOMEN'S TOILET ROOM - D214 1/4" = 1'-0"
 10 MEN'S TOILET - D211 1/4" = 1'-0"
 11 H-CAP ACCESS TL 1/4" = 1'-0"
 12 SUPT. 5 TL - D222 1/4" = 1'-0"
 13 STAFF WOMEN'S TL - D353 1/4" = 1'-0"



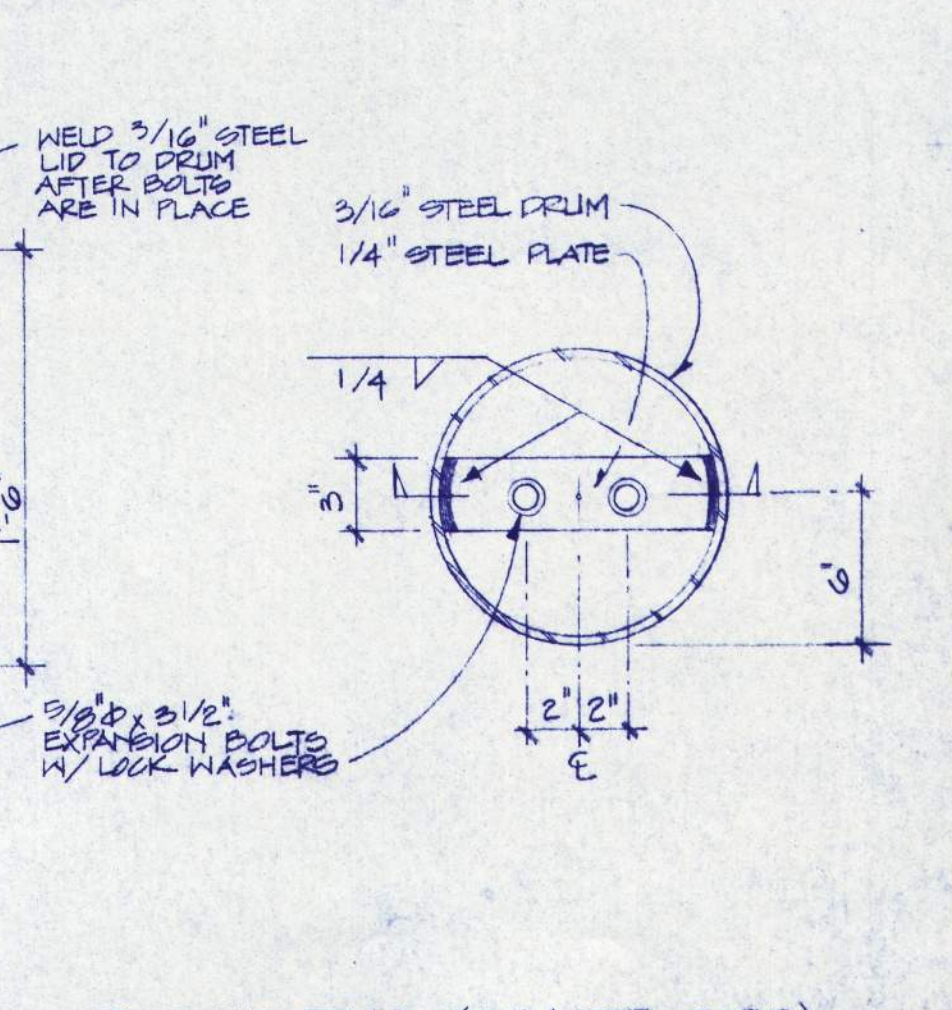
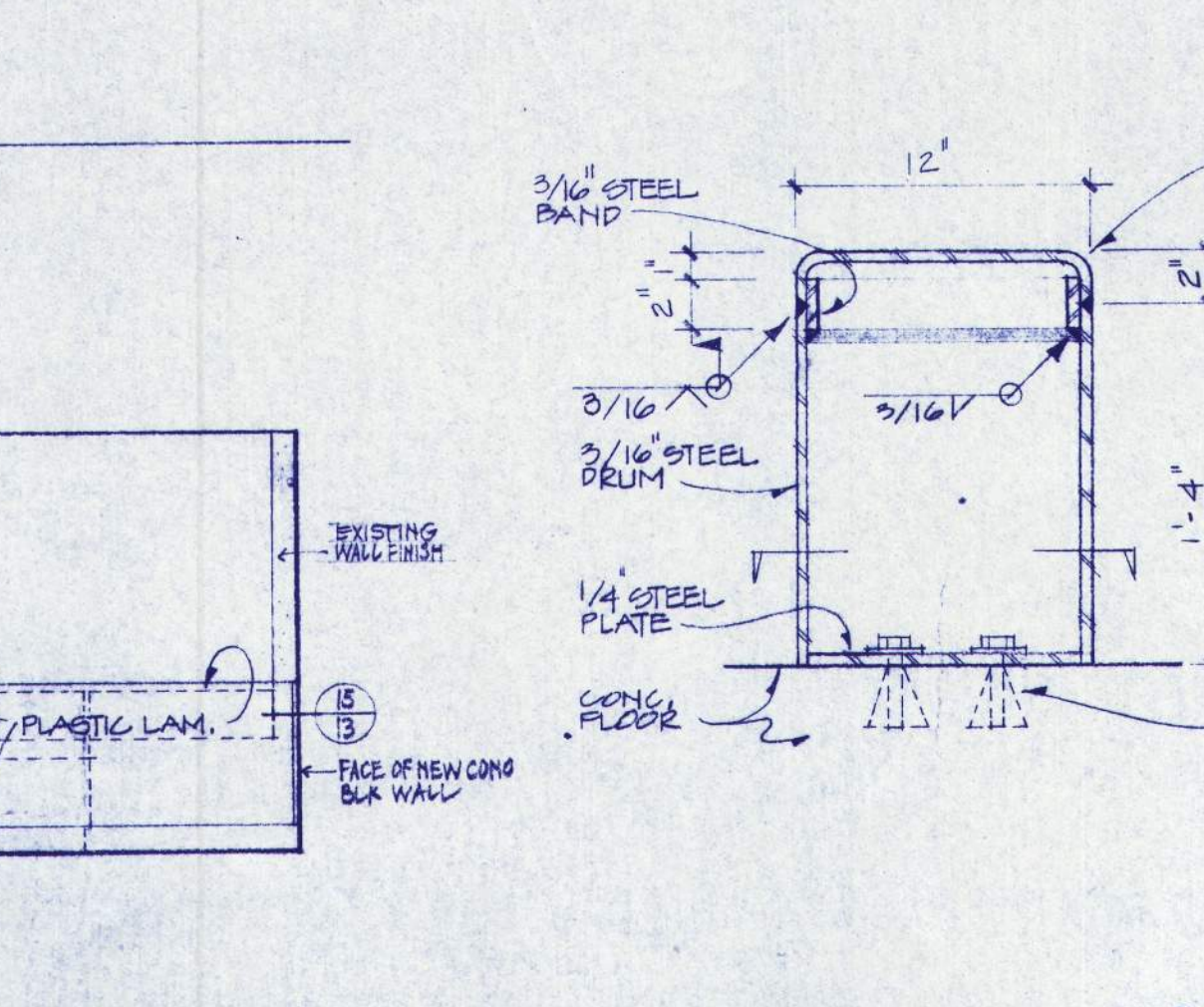
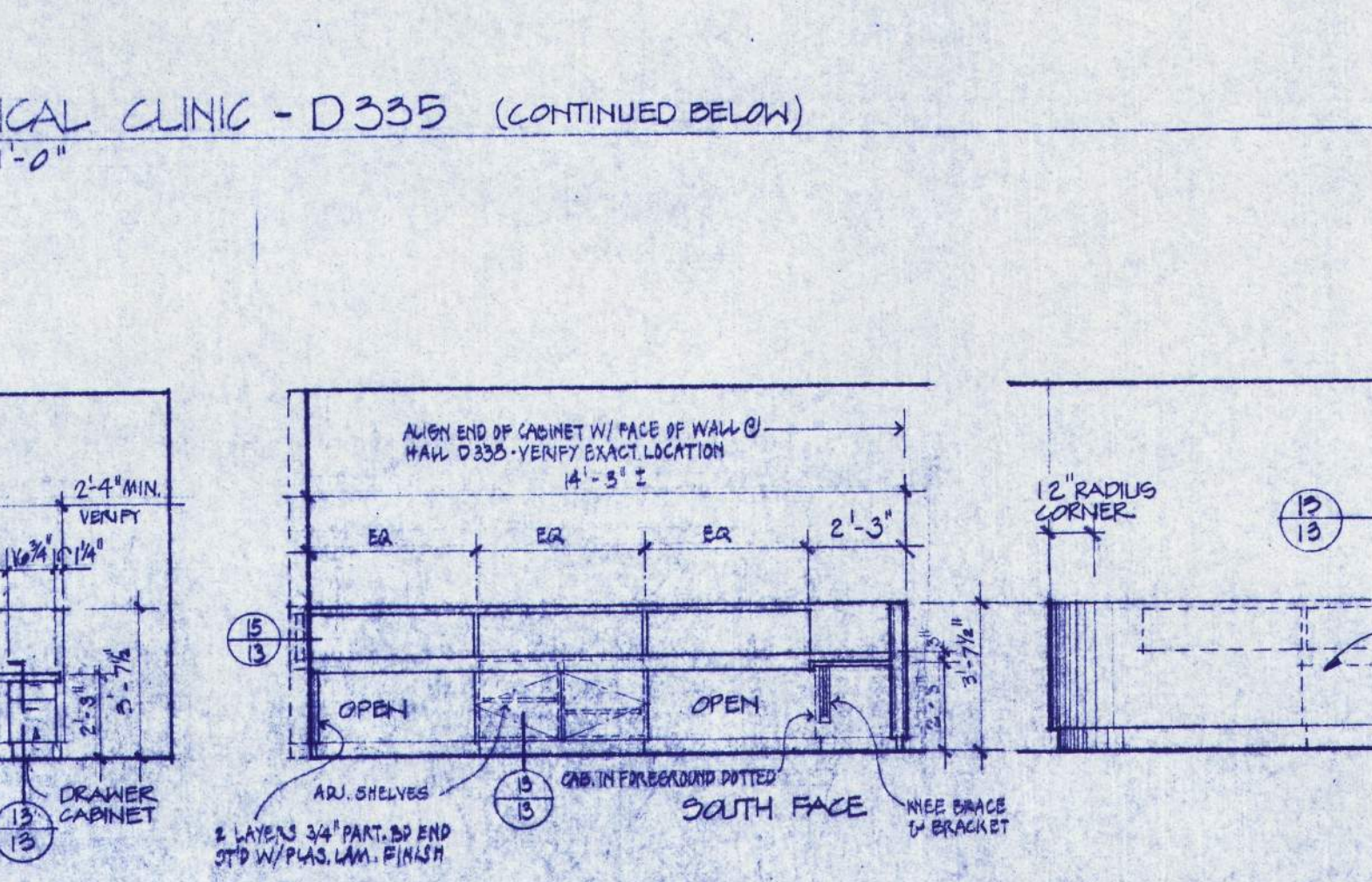
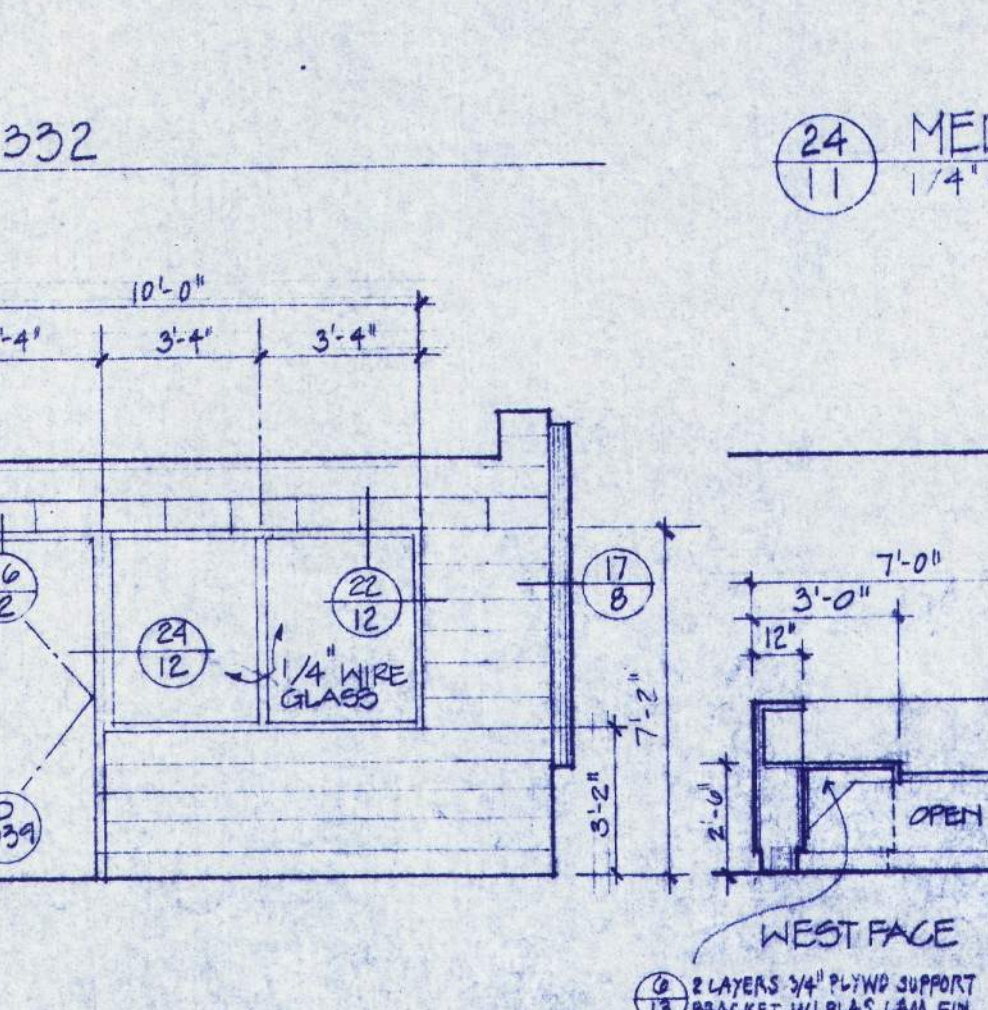
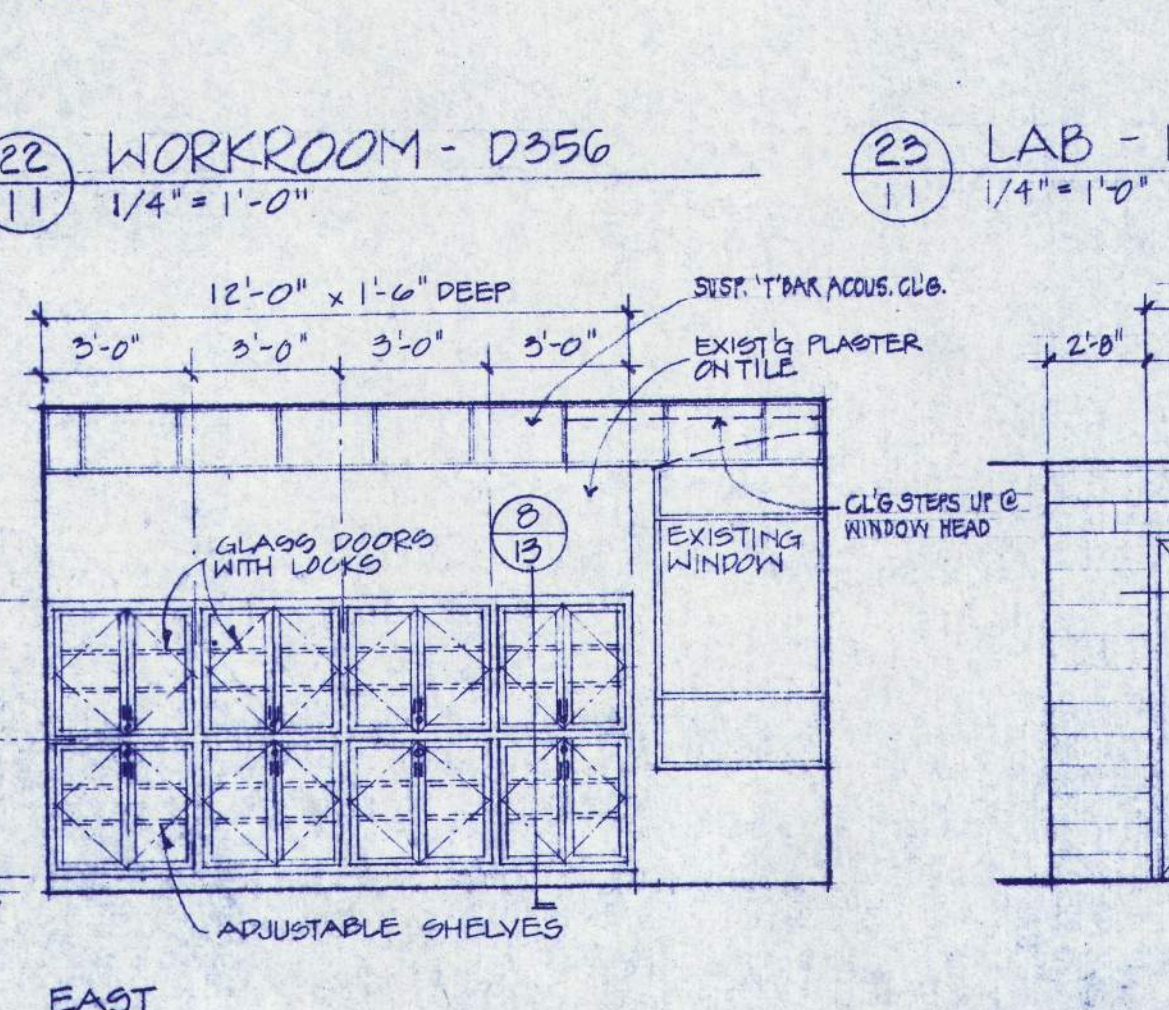
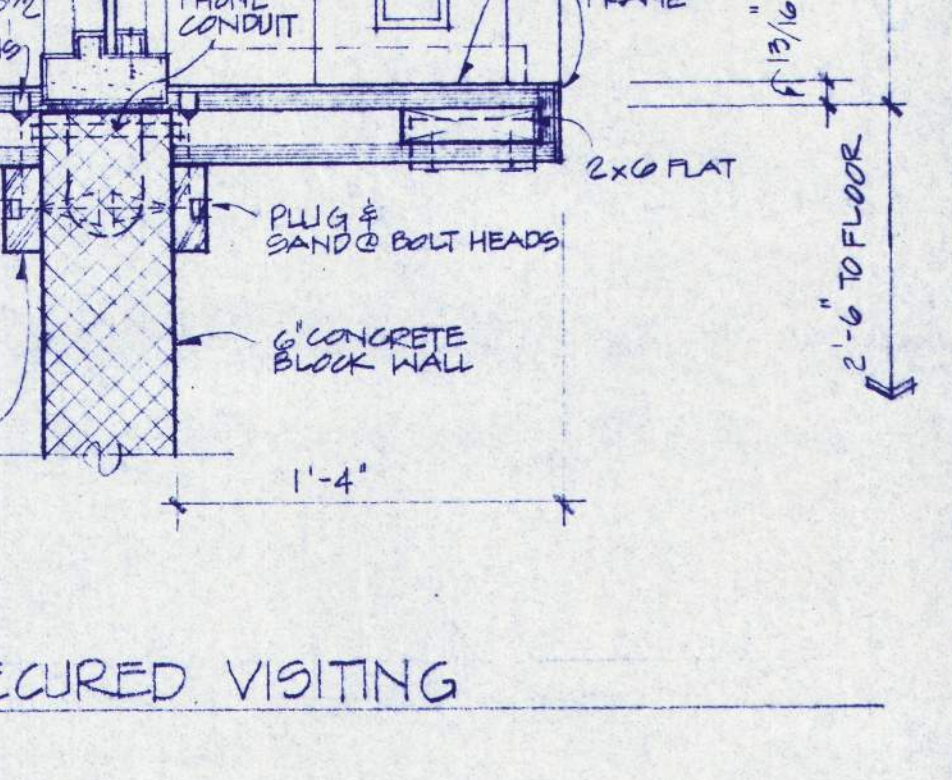
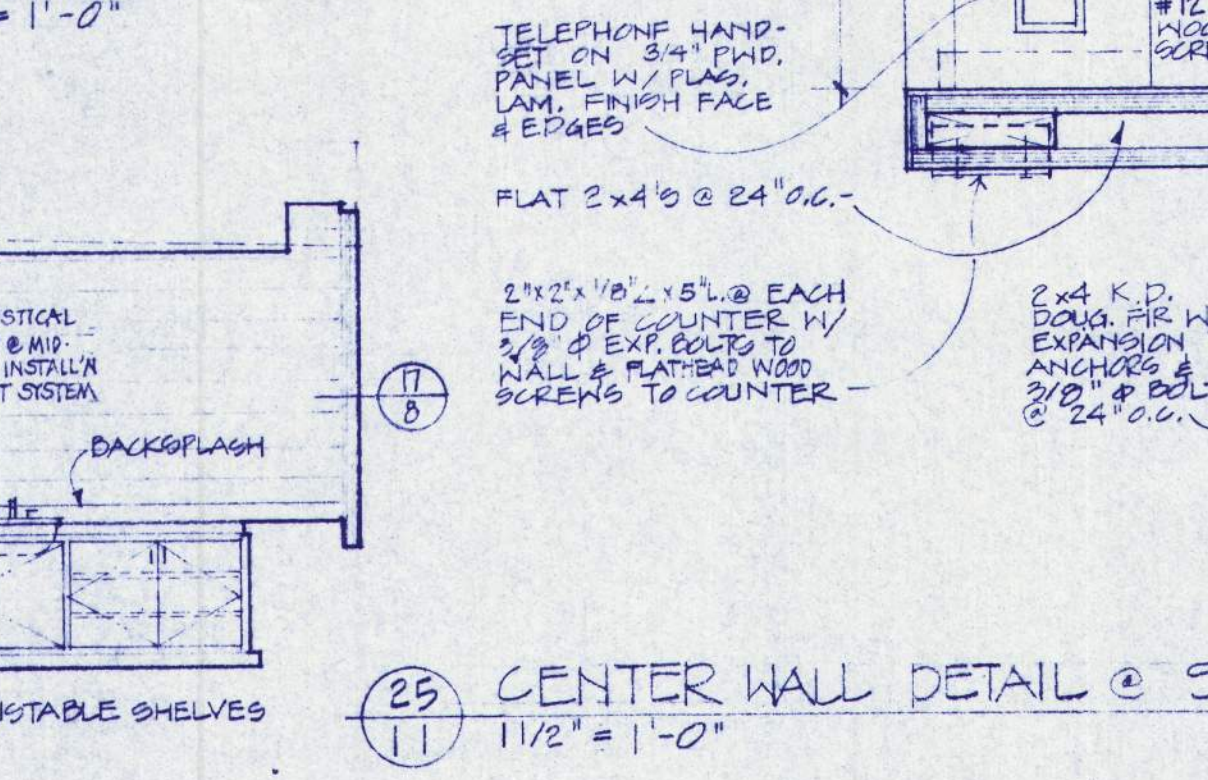
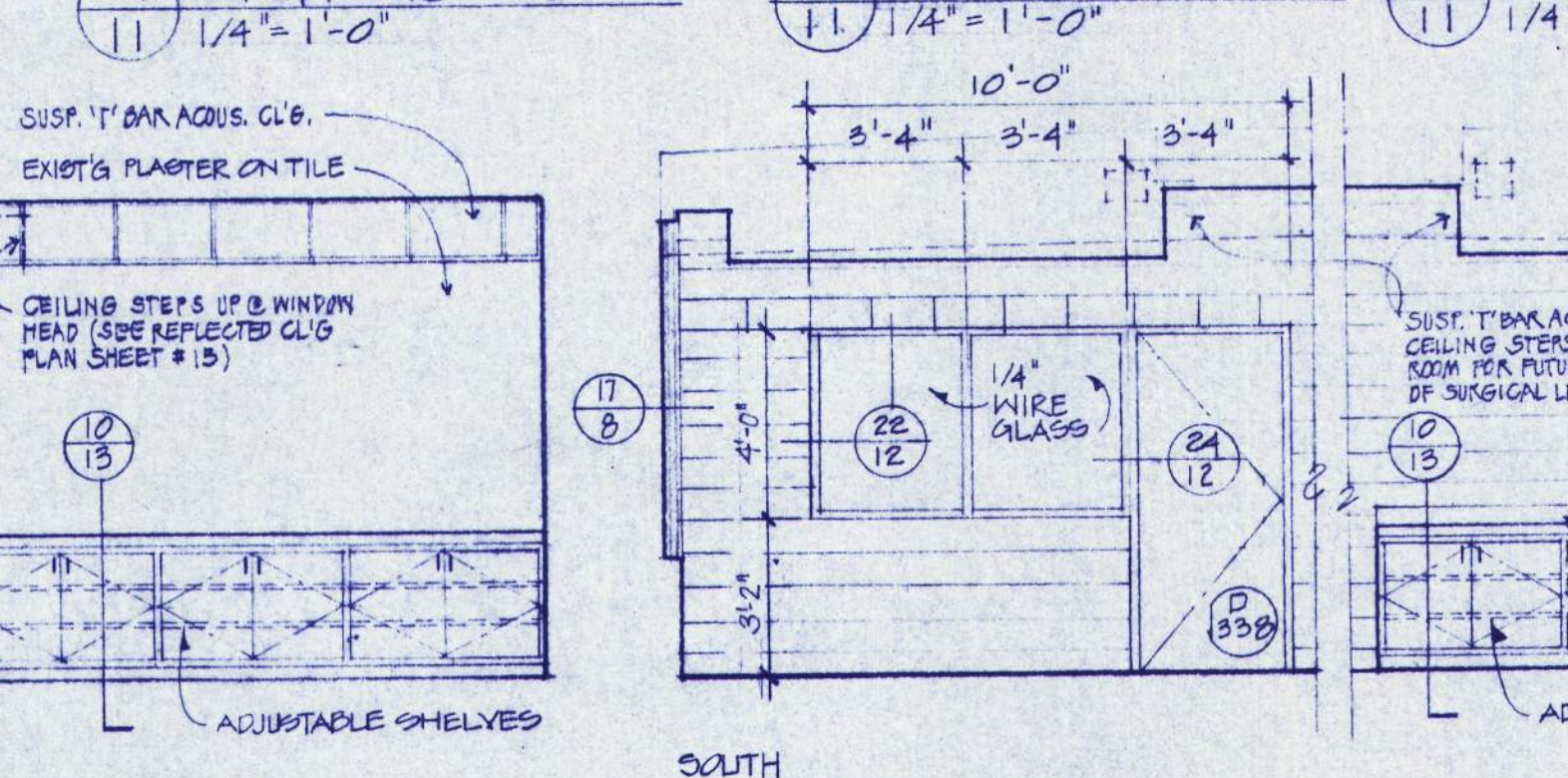
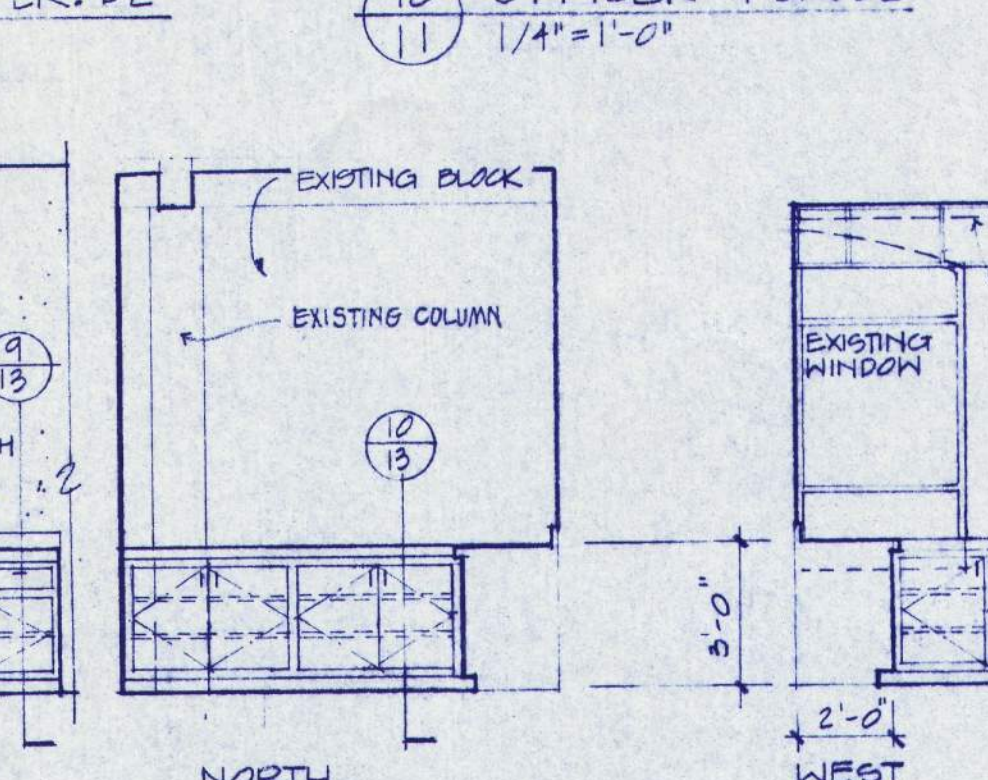
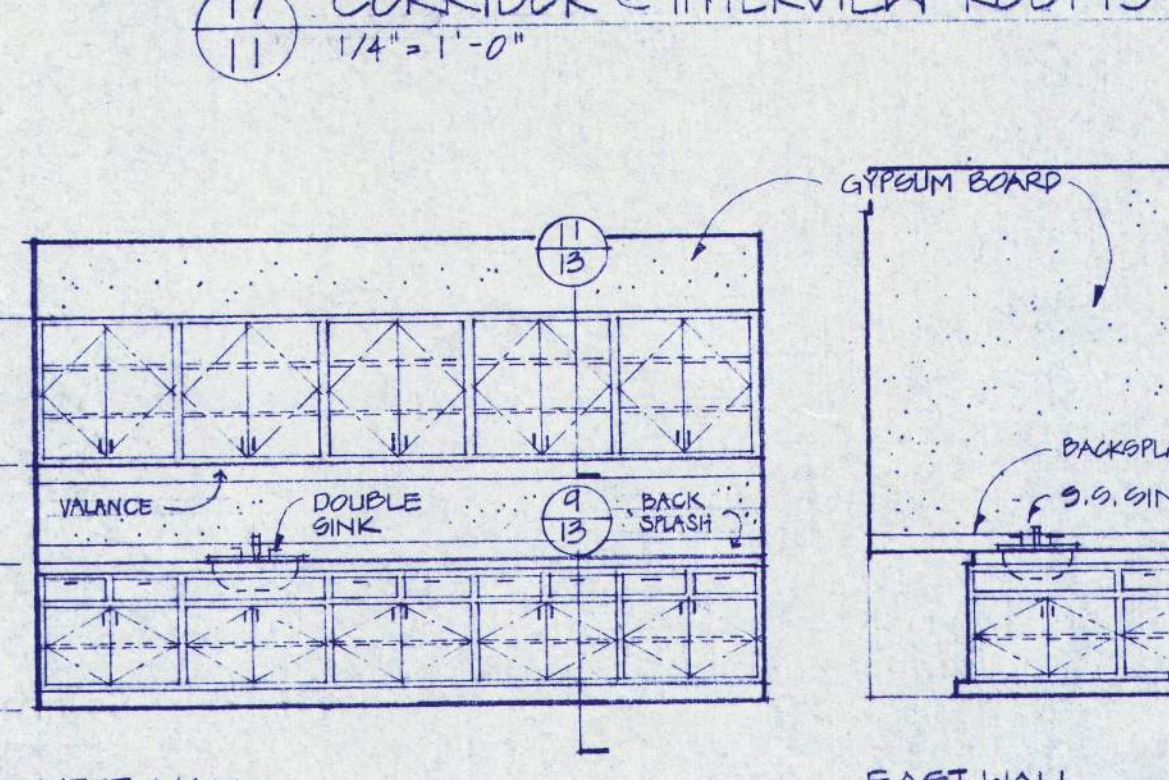
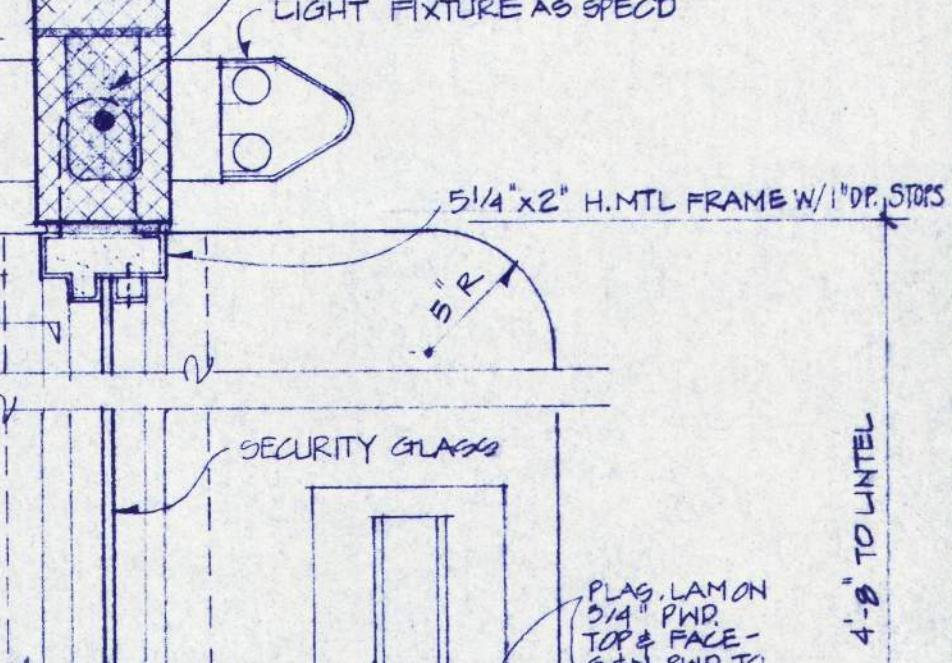
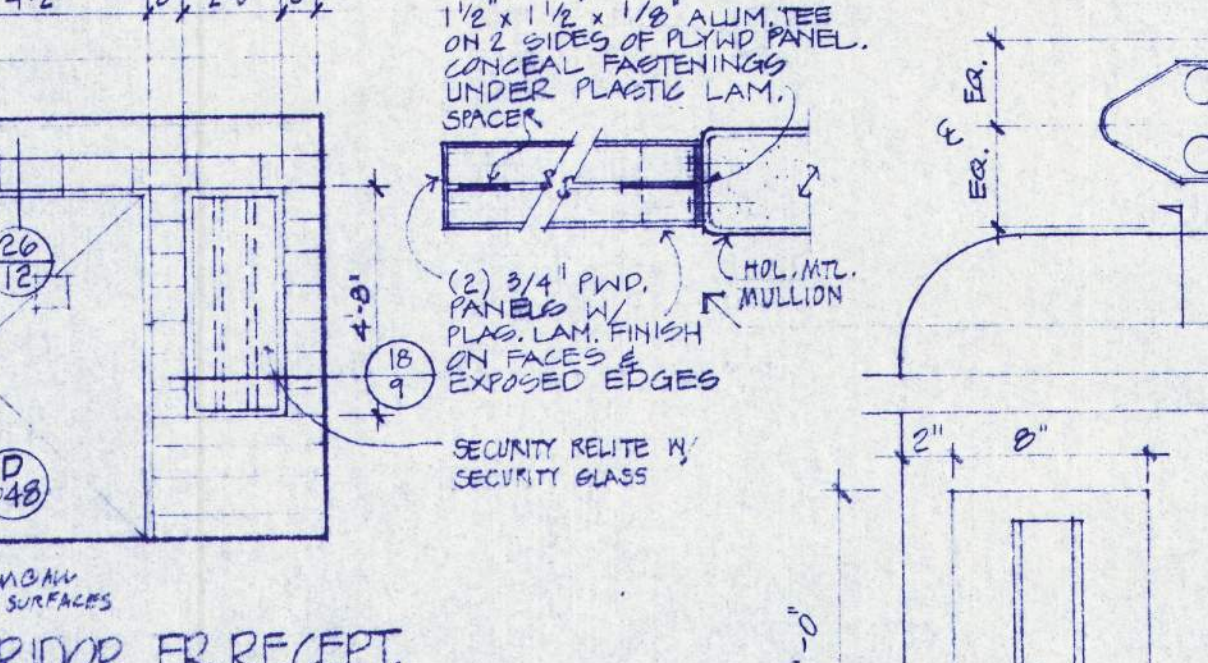
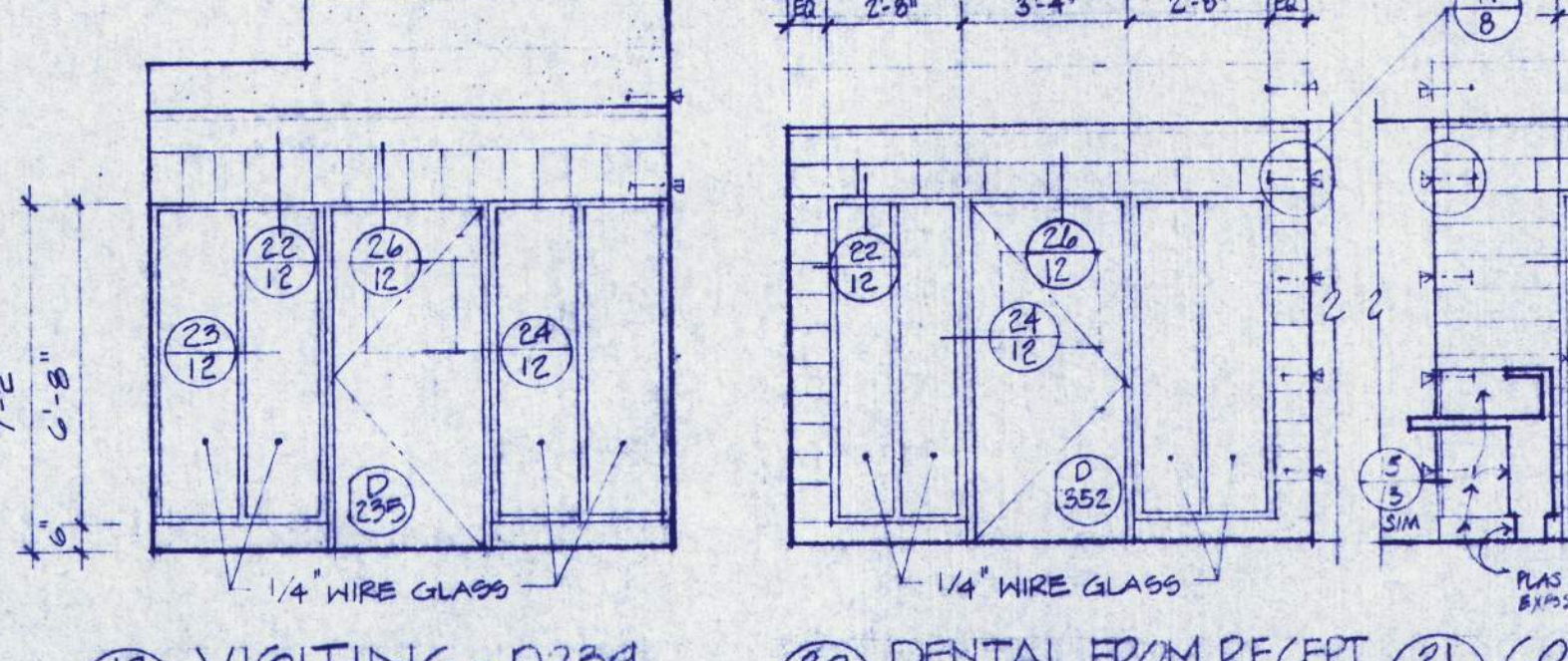
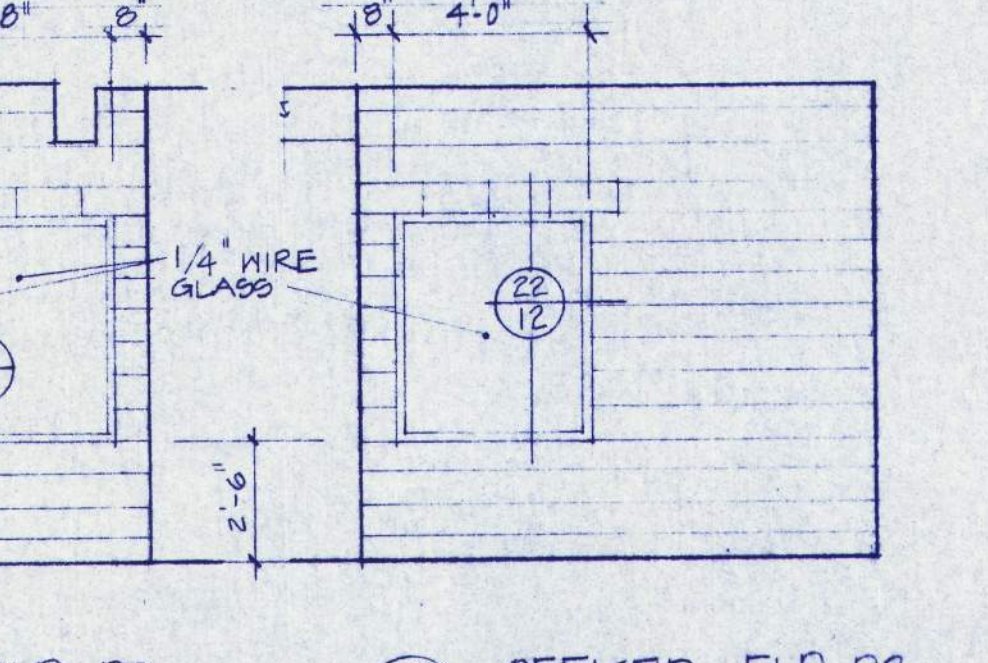
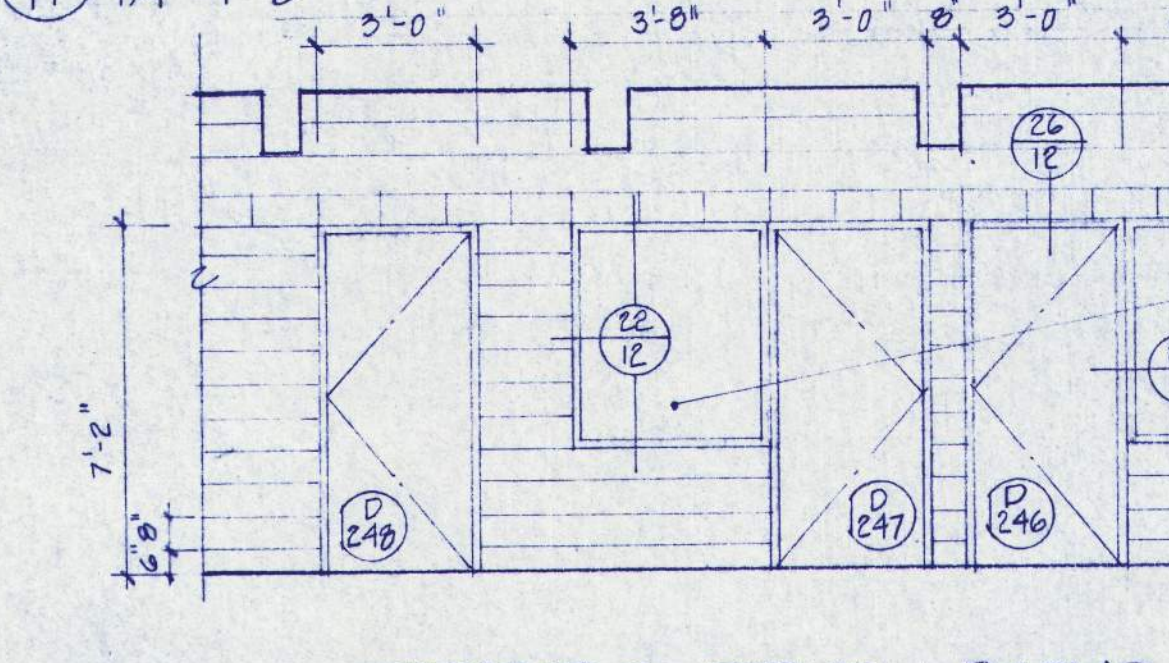
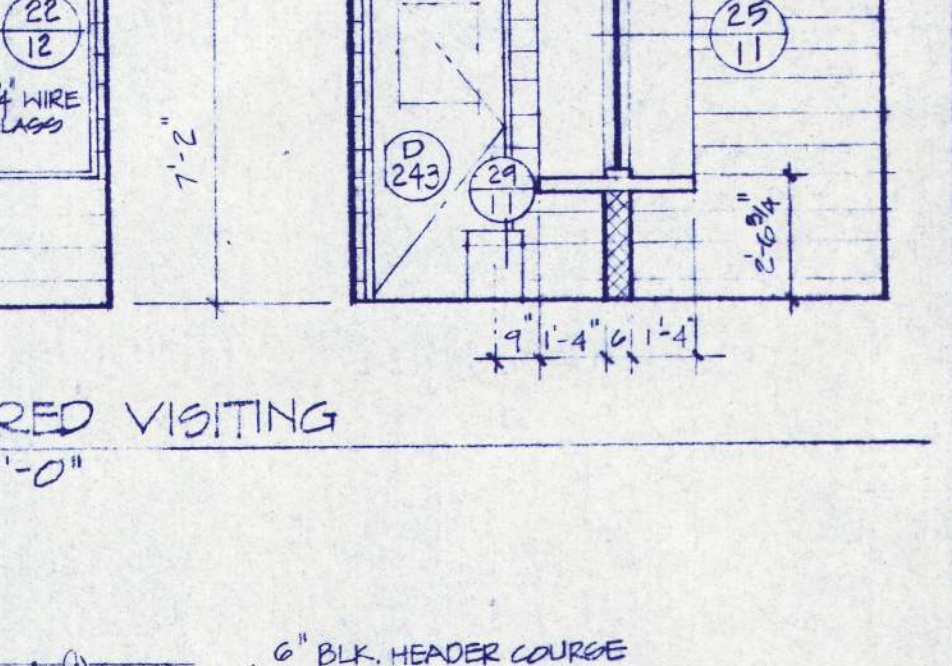
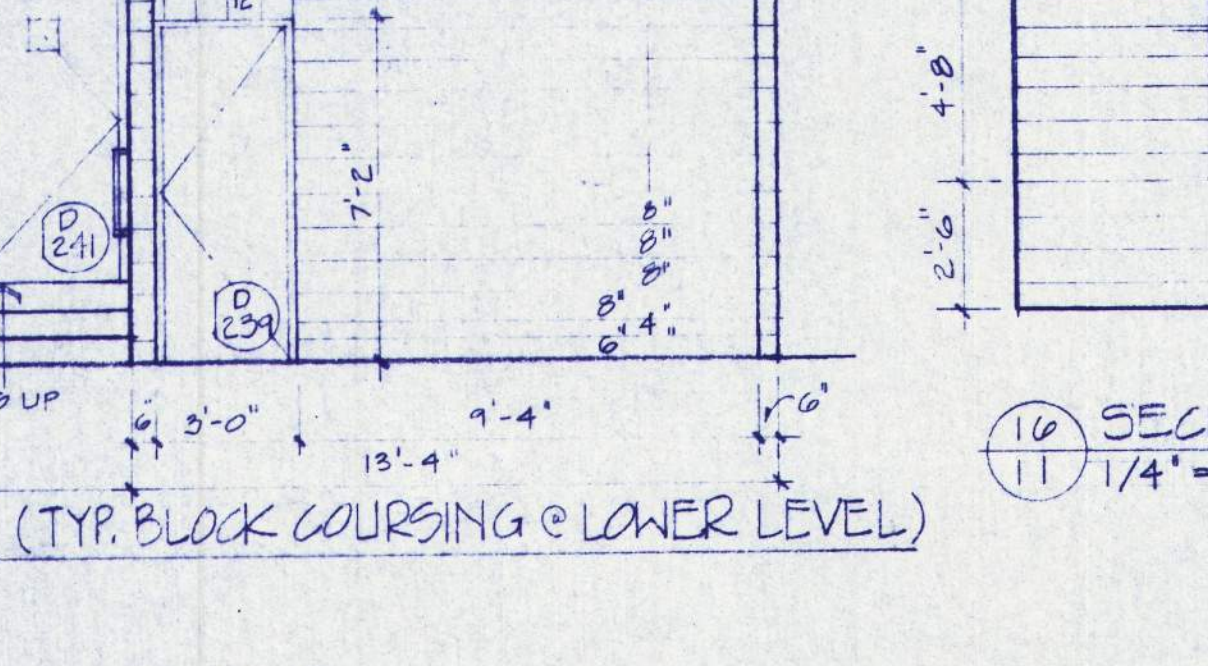
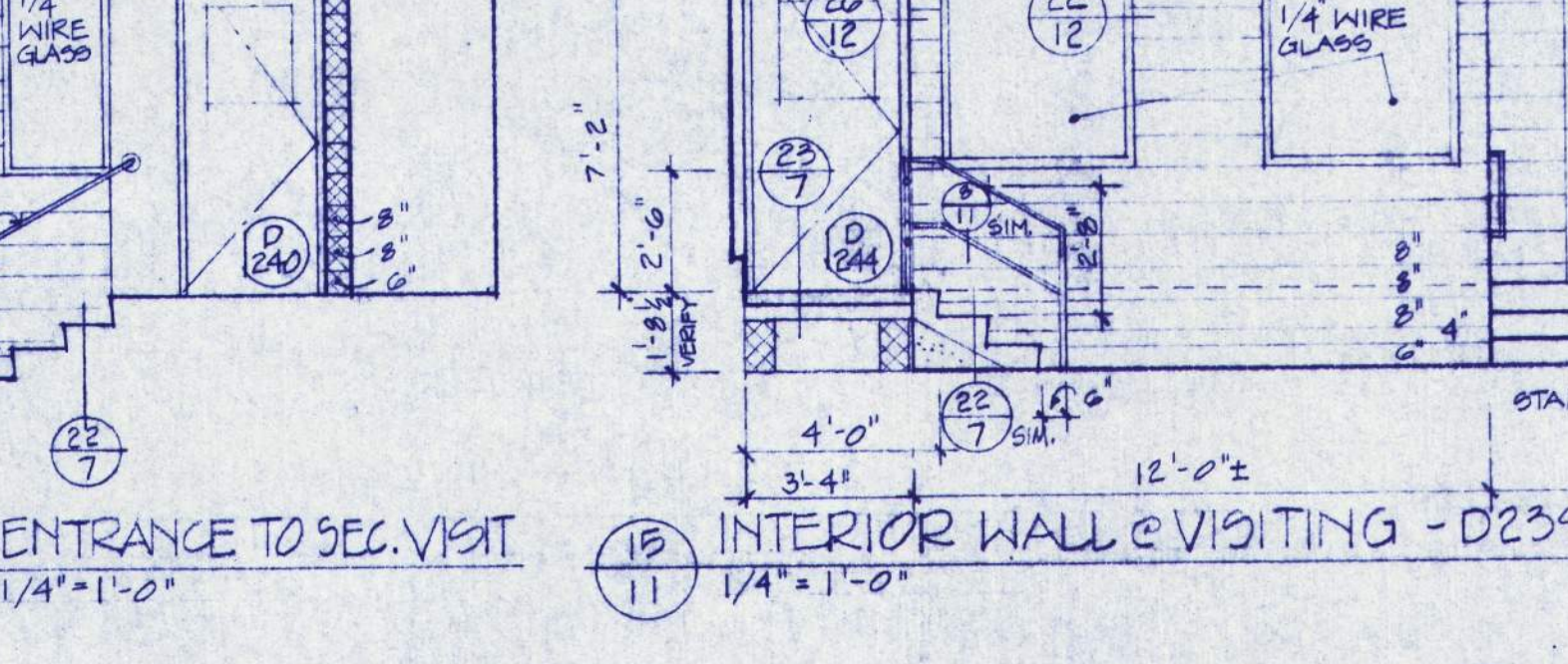
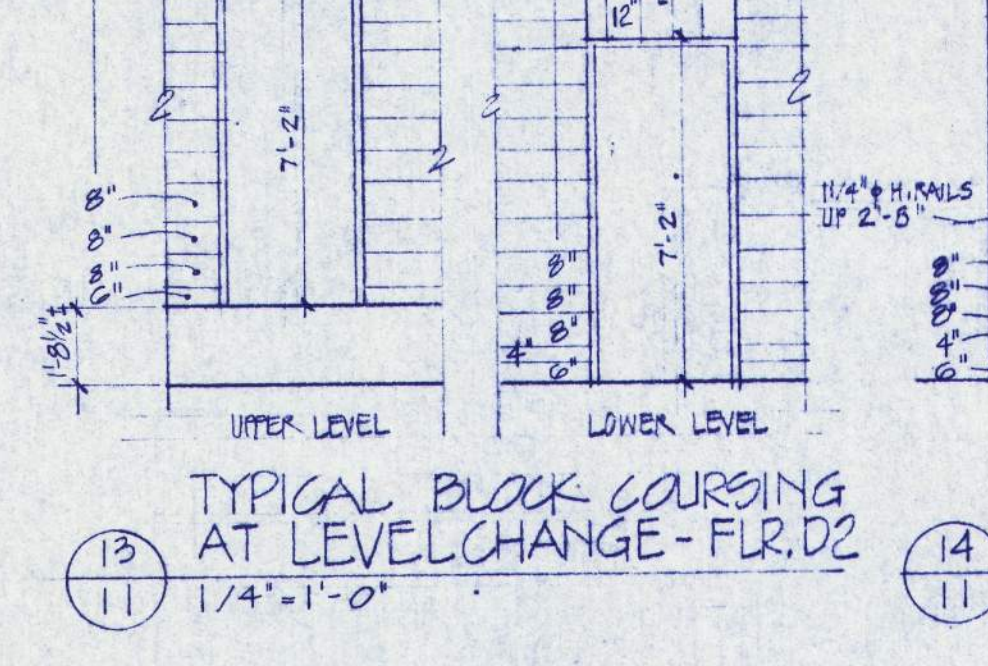
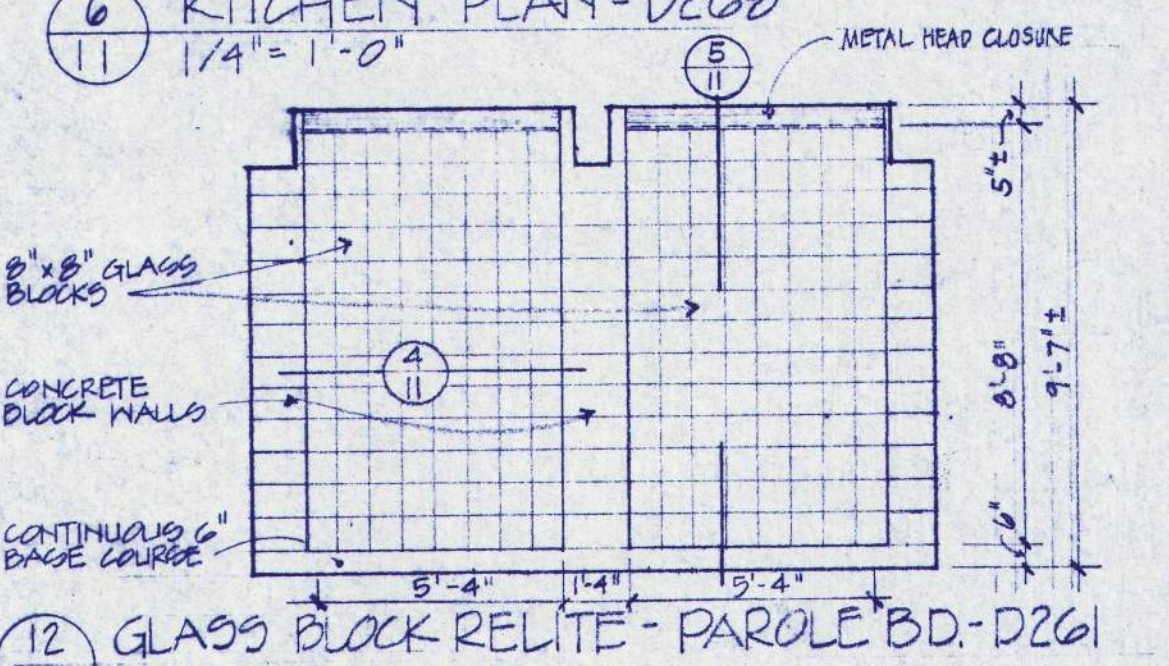
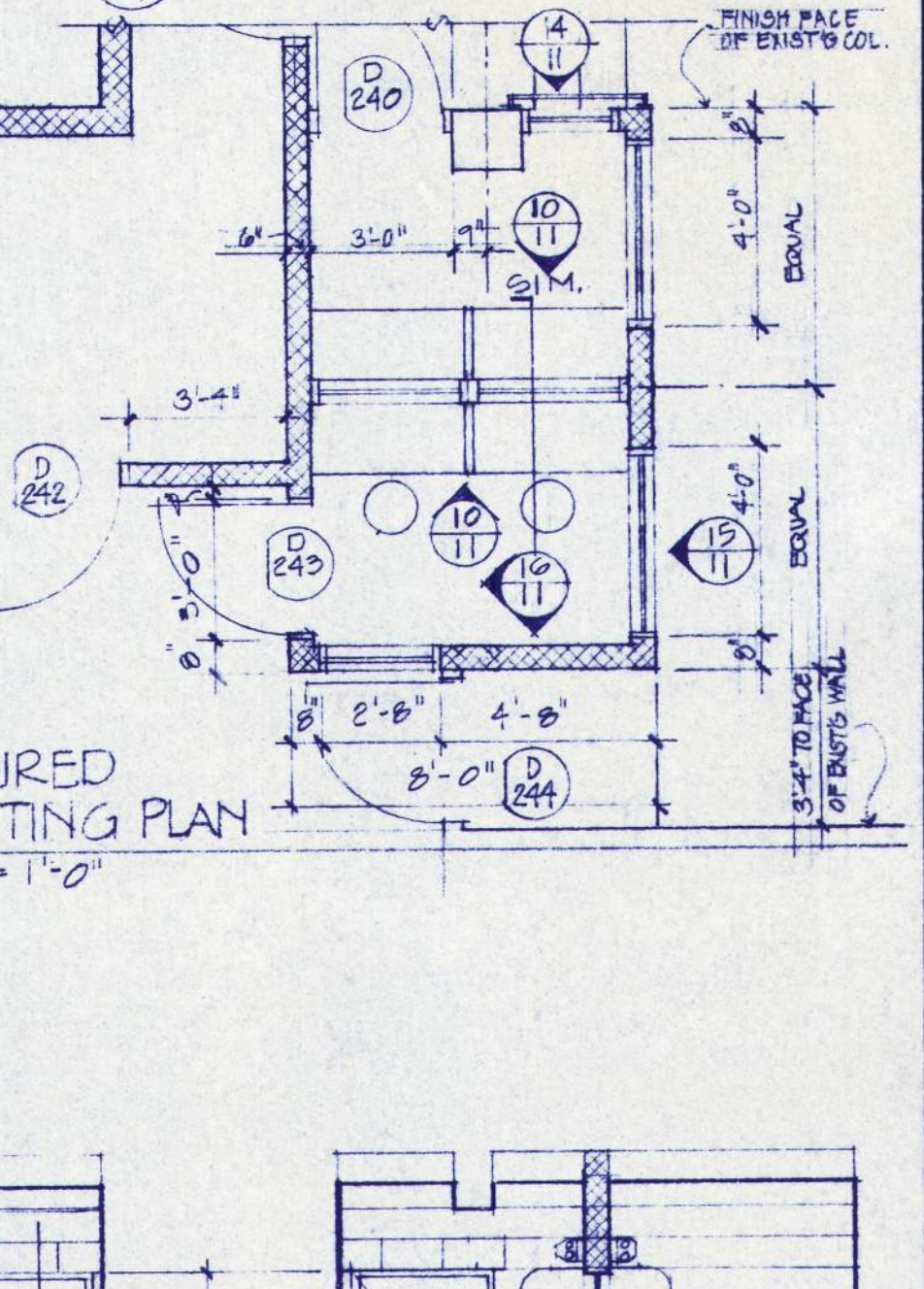
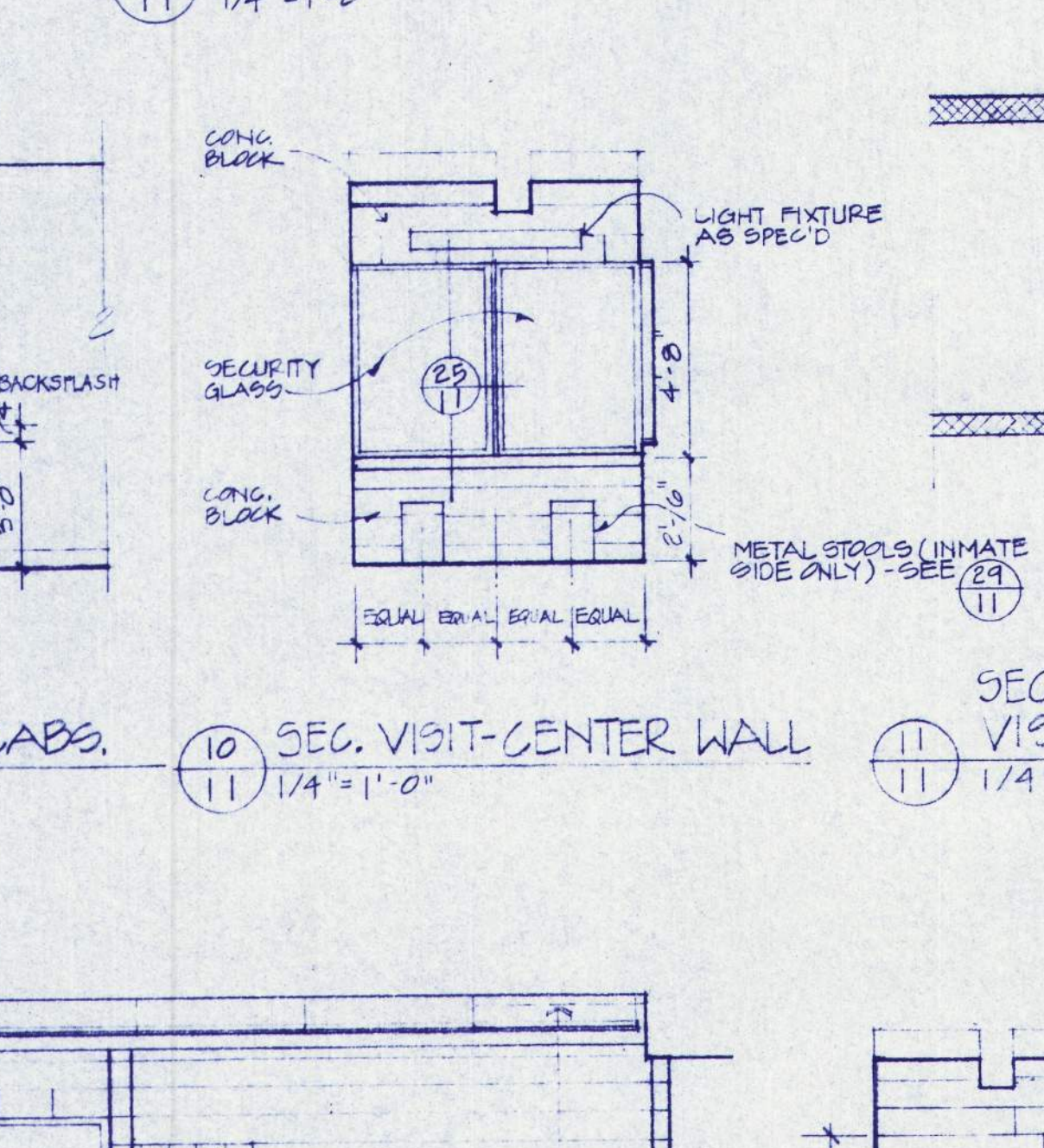
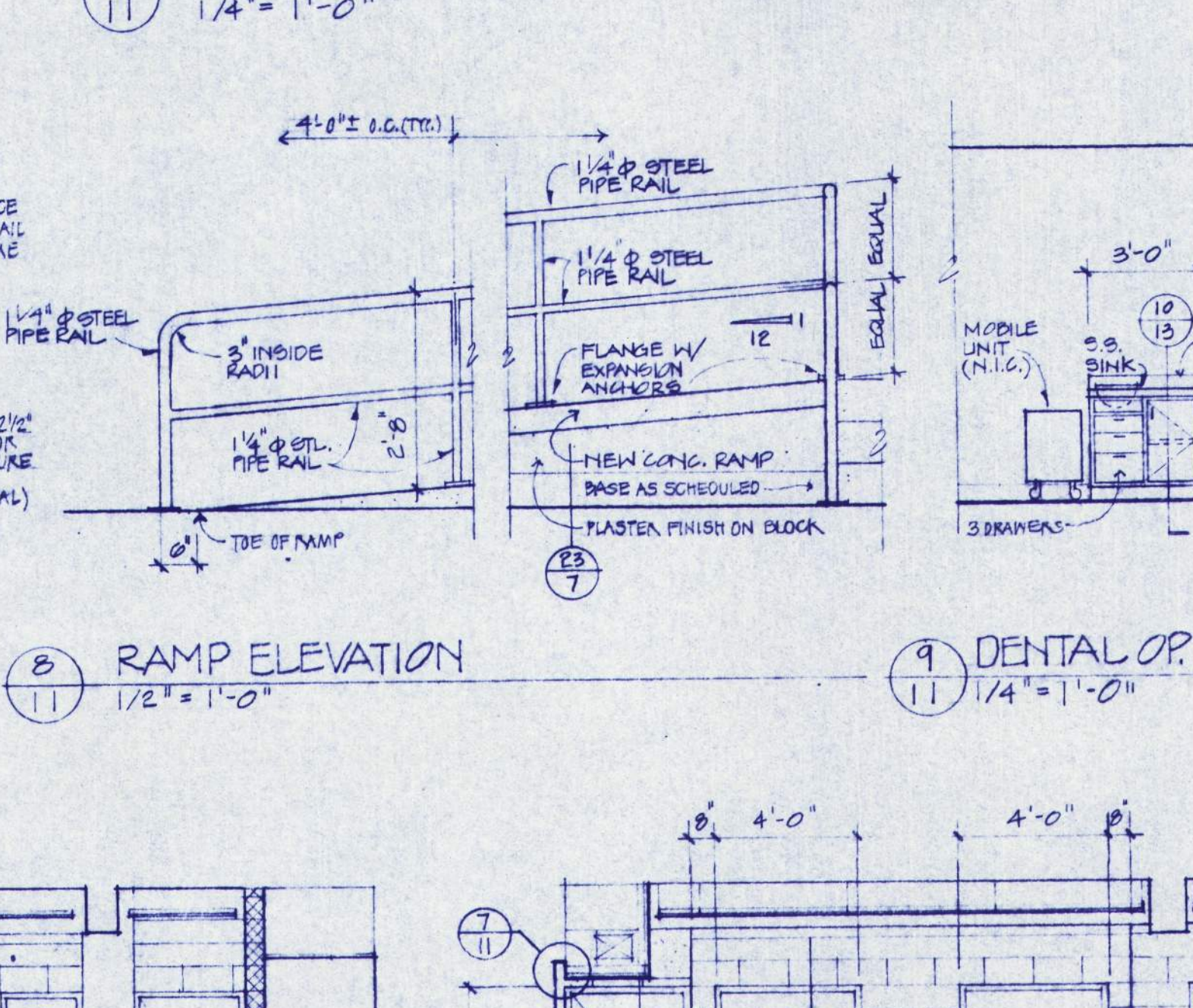
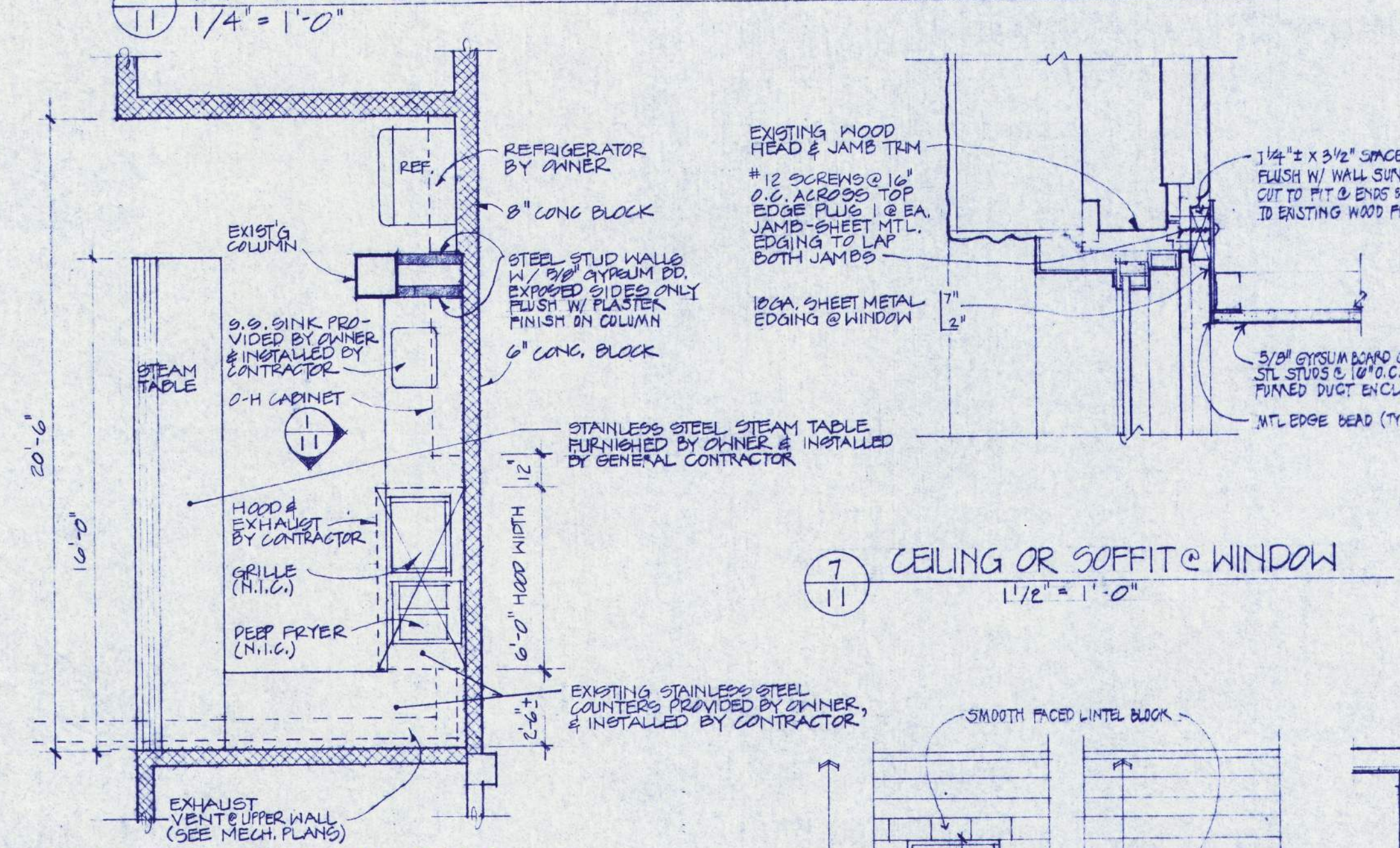
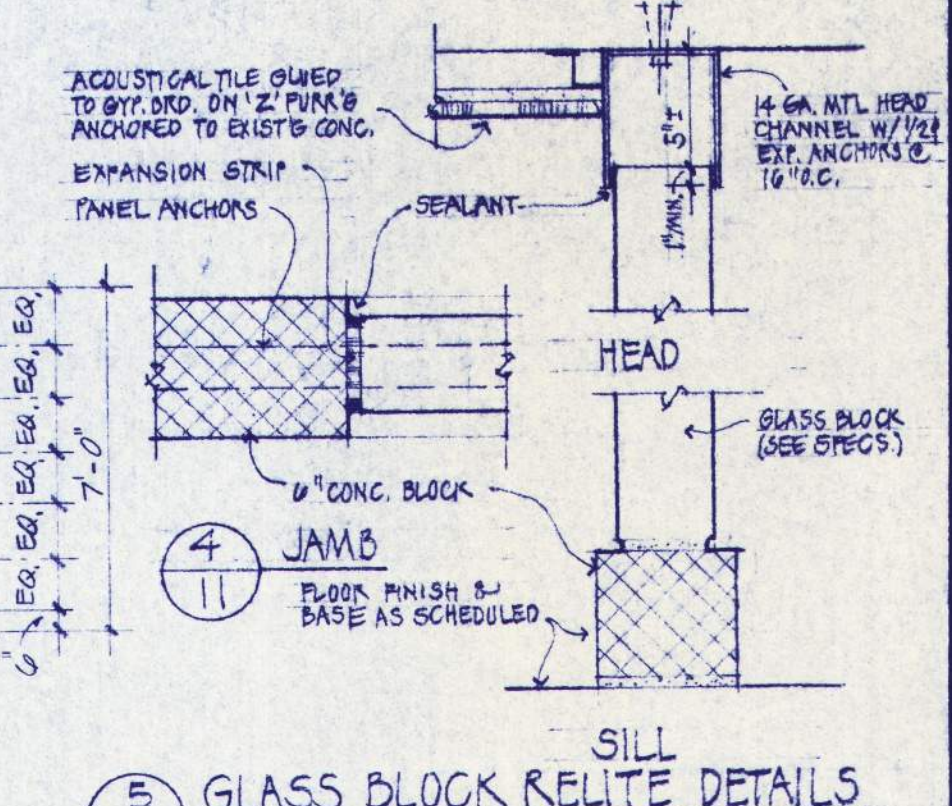
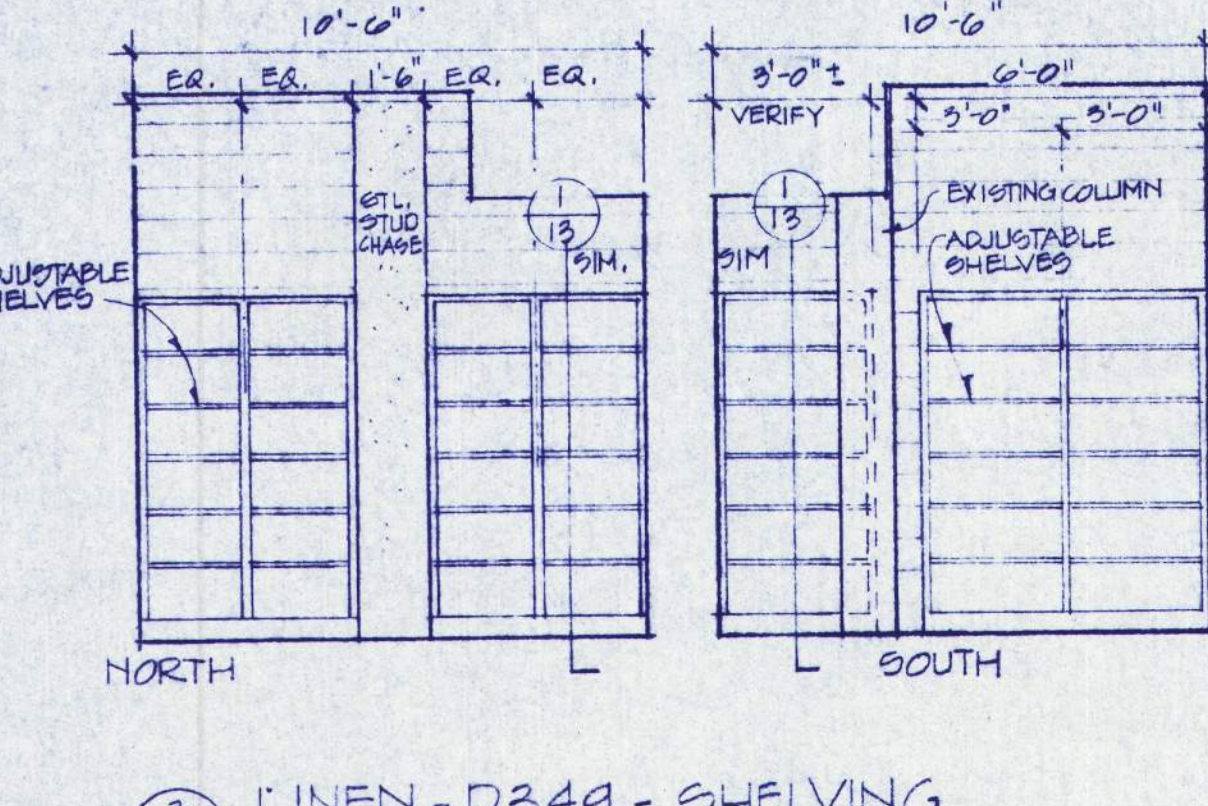
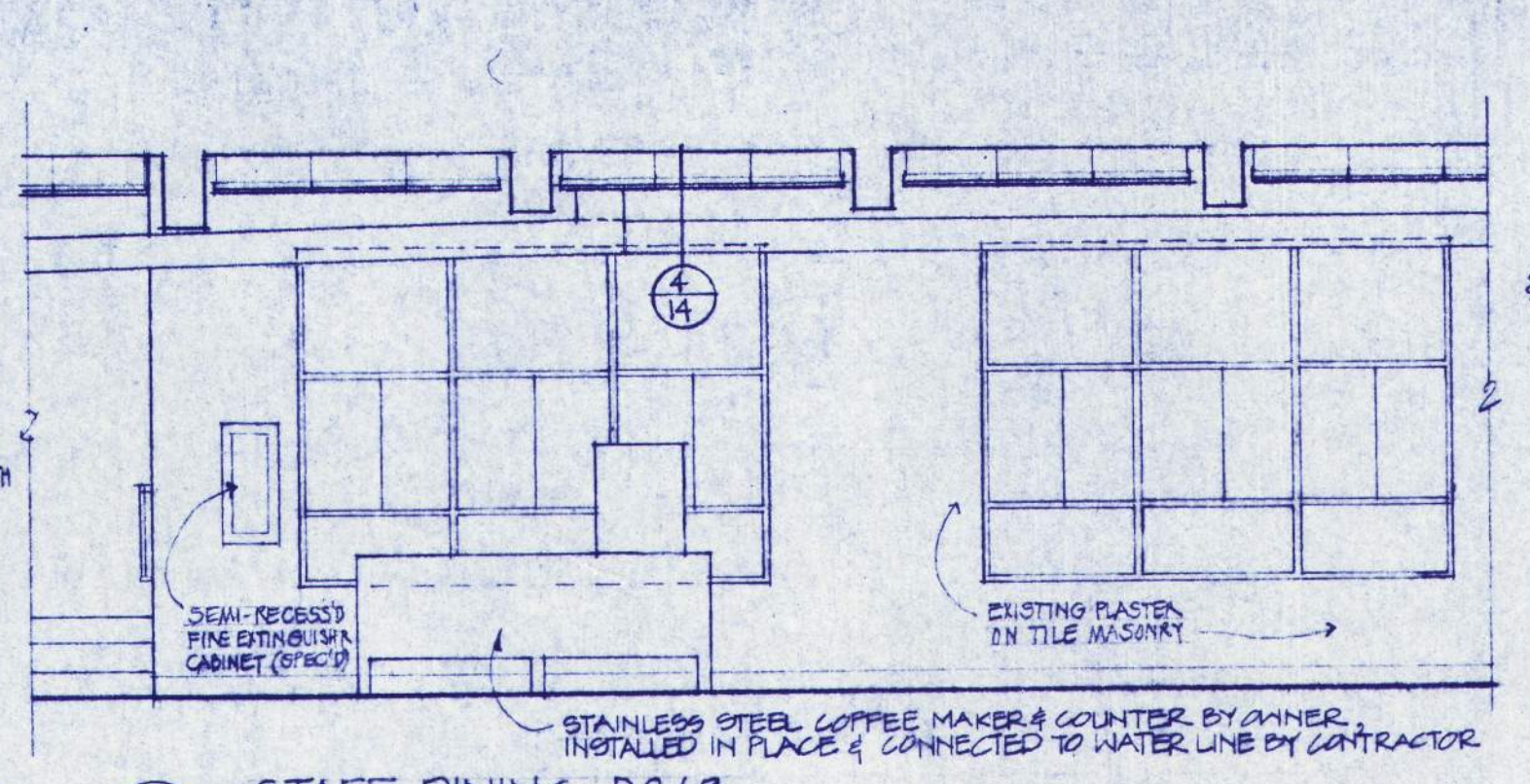
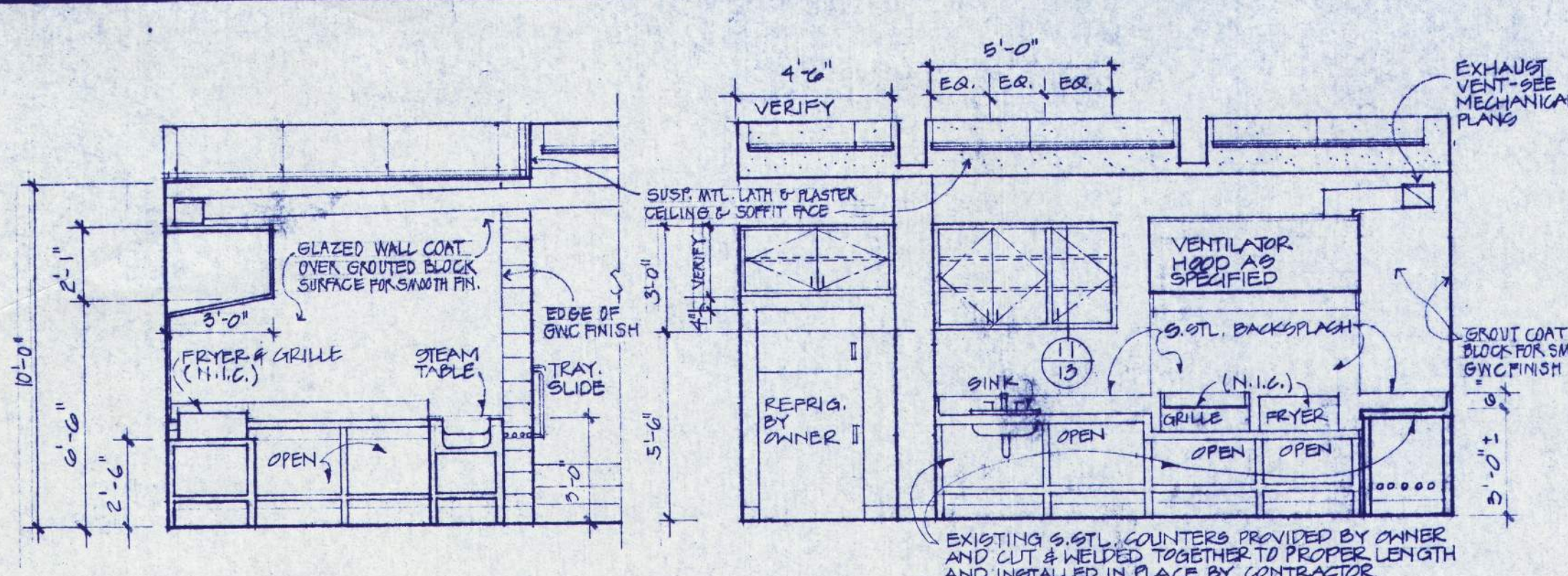
16 RELITES @ STORAGE 2 - D102 1/4" = 1'-0"
 17 RELITES @ STORAGE 3 1/4" = 1'-0"
 18 LOCKERS @ RECEPTION - FLR. D2 3/8" = 1'-0" NOTE: SAME LOCKER ARRANGEMENT @ EAST SIDE
 19 CLOSET KITCHEN @ SUPT.'S OFFICE 1/4" = 1'-0"
 20 SECRETARY'S CFF. - D217 1/4" = 1'-0"

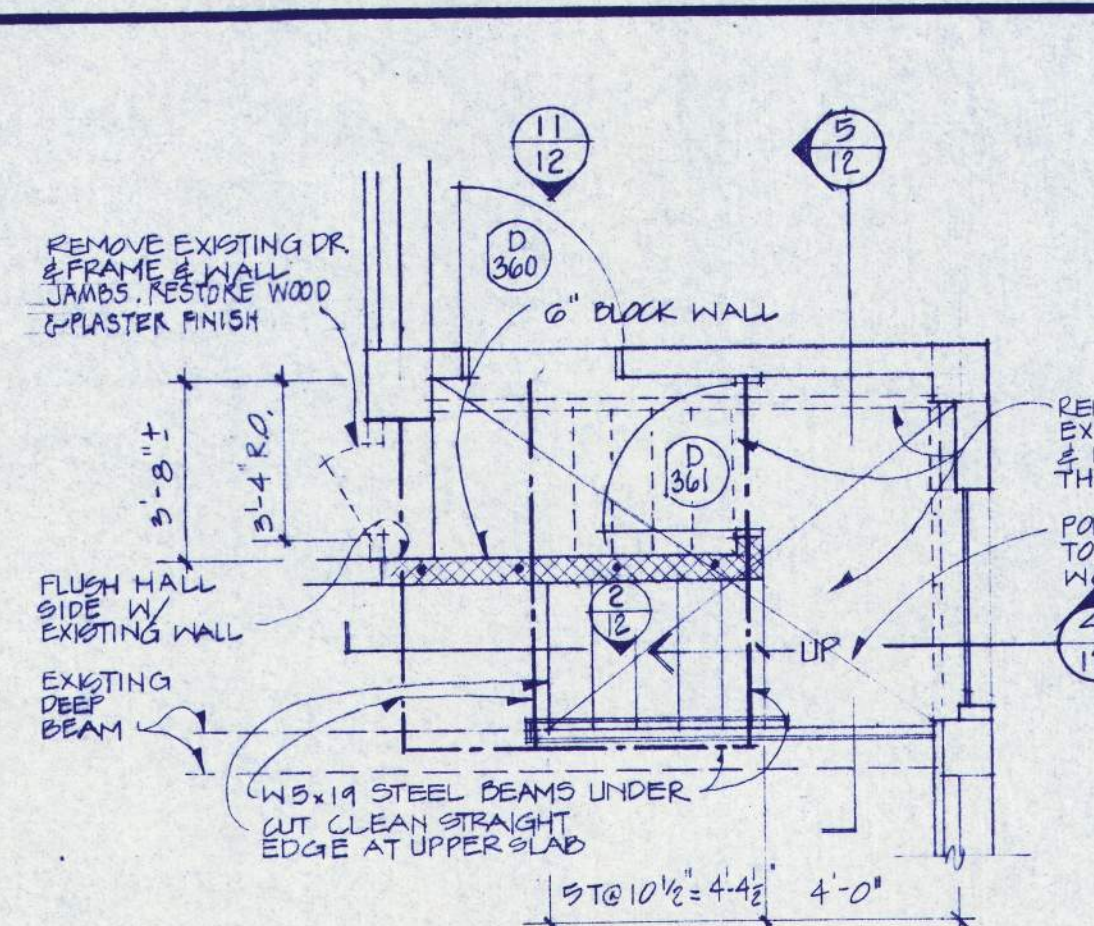


21 ACCESS PANEL @ PLUMBING CHASE 3/4" = 1'-0"
 22 TILE BACKSPLASH 1/2" = 1'-0"
 23 NORTH ELEVATION OF OPENING INTO RECEPTION RM. 1/2" = 1'-0"
 24 NORTH ELEVATION OF NEW WALL @ DOOR D214 1/2" = 1'-0"

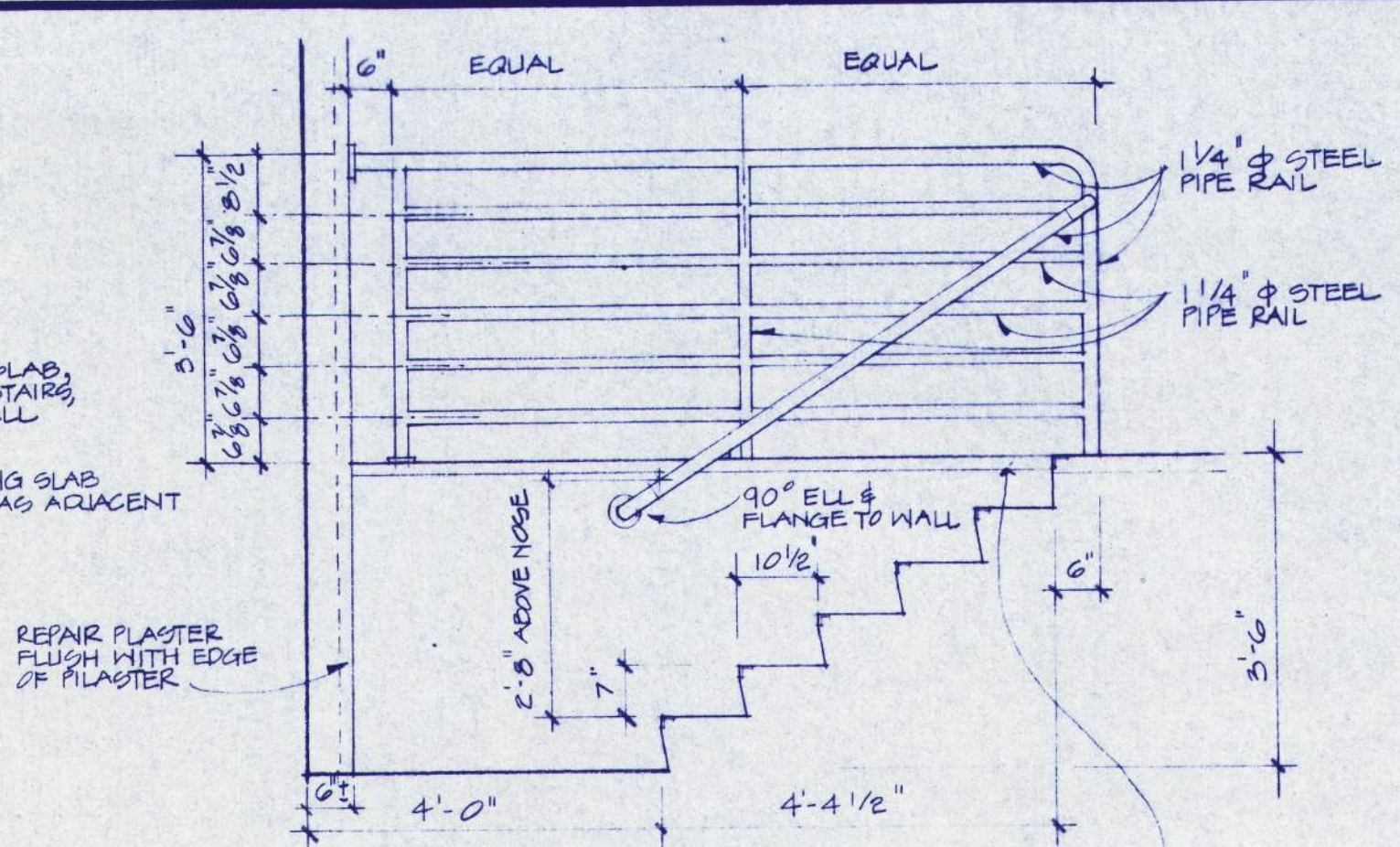


27 ISOLATION - D344 - TYP. PLUMBING 1/4" = 1'-0"

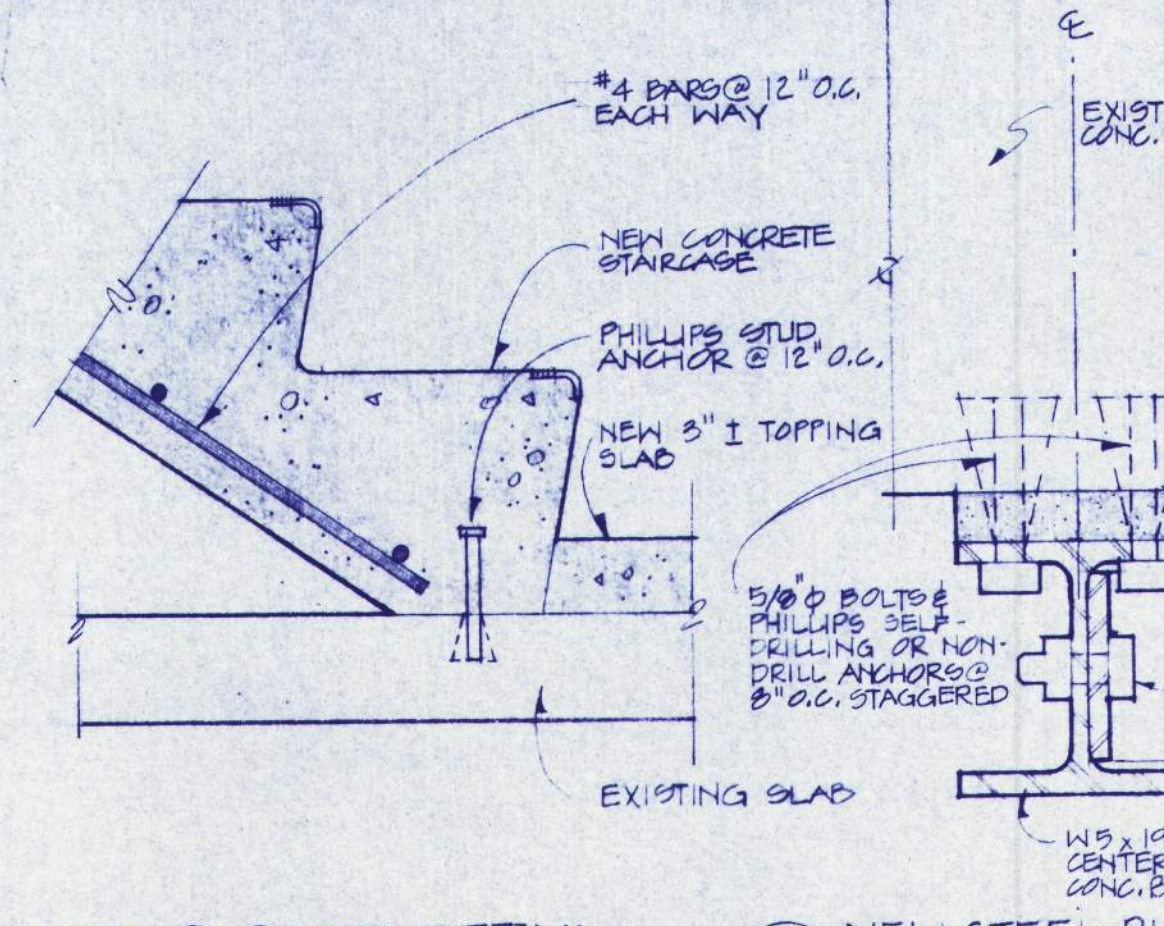




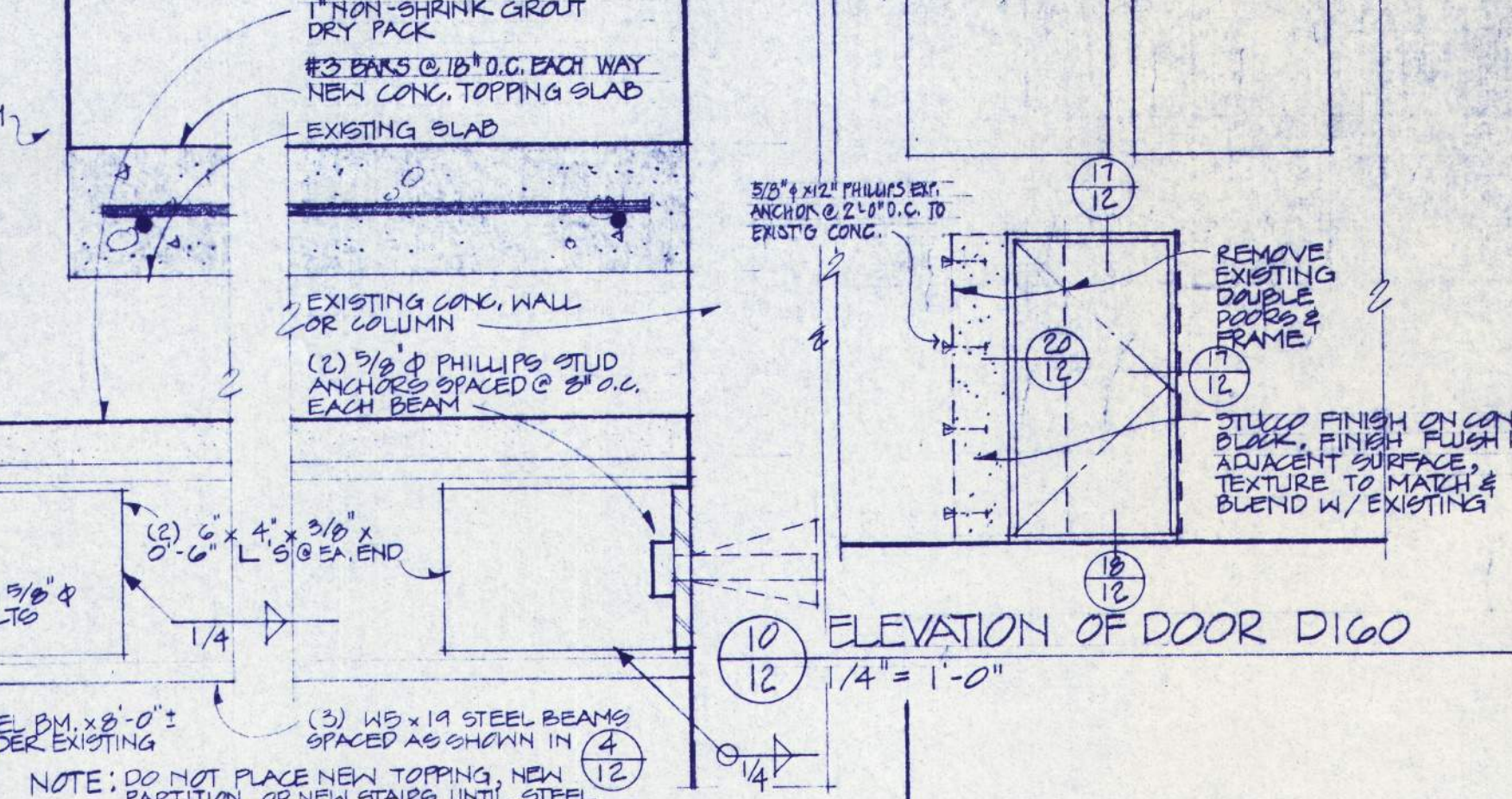
1 ENTRY AREA PLAN D359
1/4" = 1'-0"



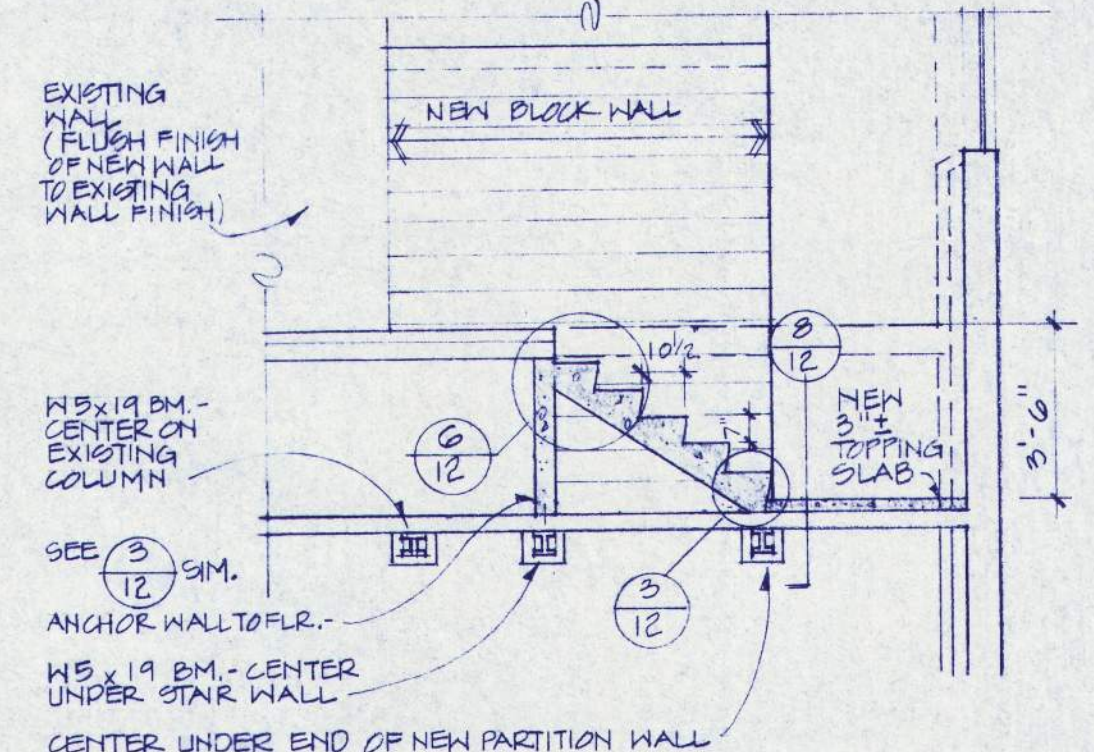
2 RAILINGS ELEVATION
1/2" = 1'-0"



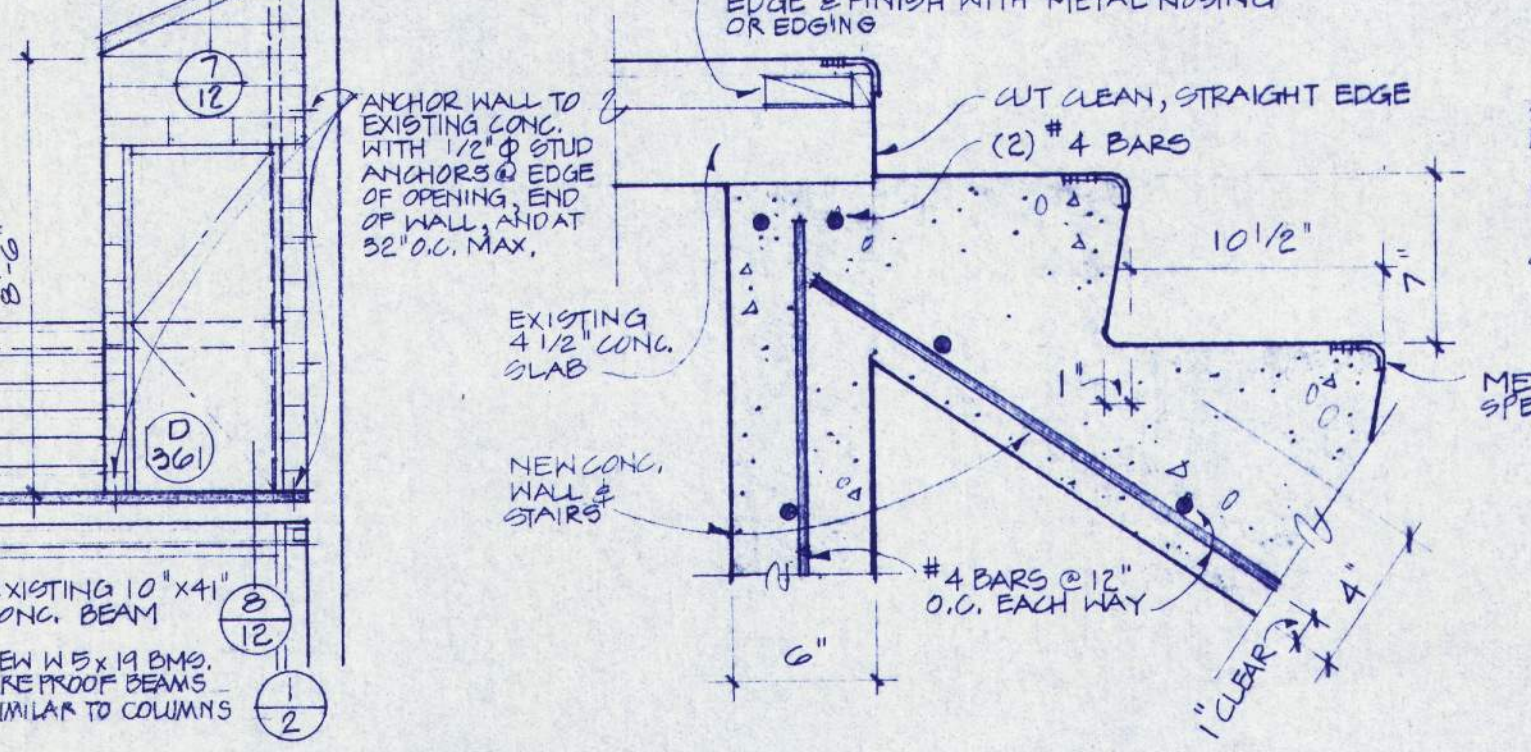
3 STAIR BASE DETAIL
1 1/2" = 1'-0"



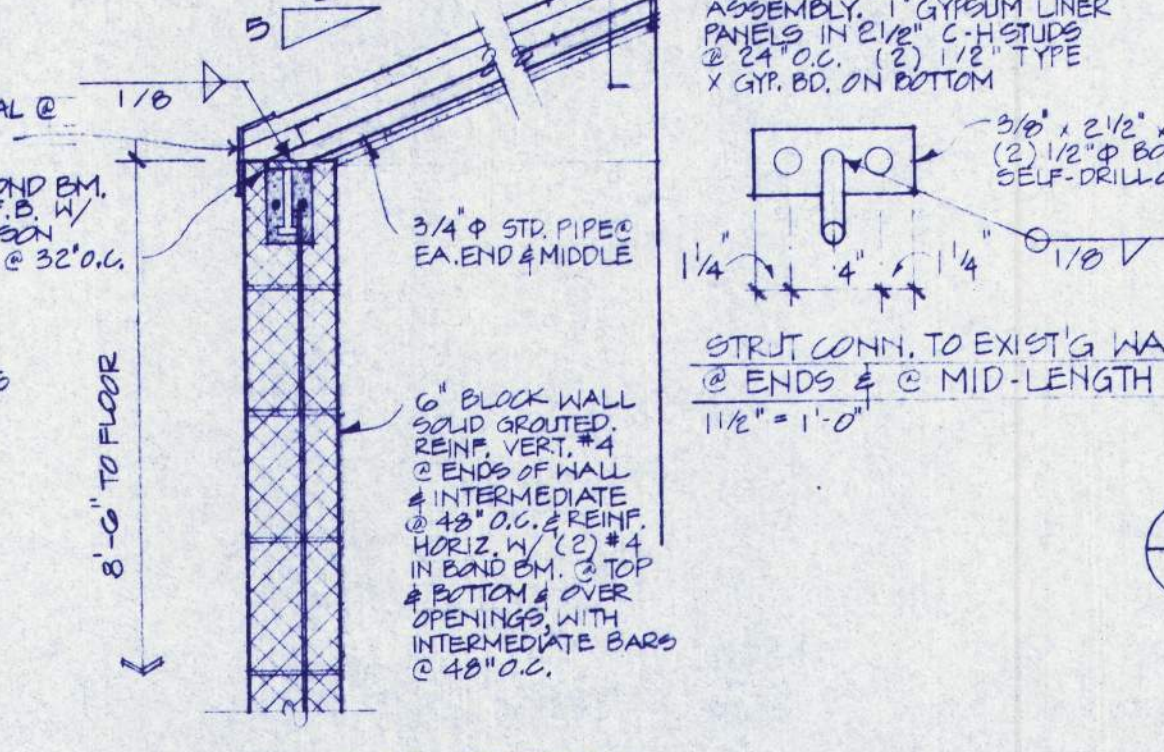
4 NEW STEEL BMS.
3/8" = 1'-0"



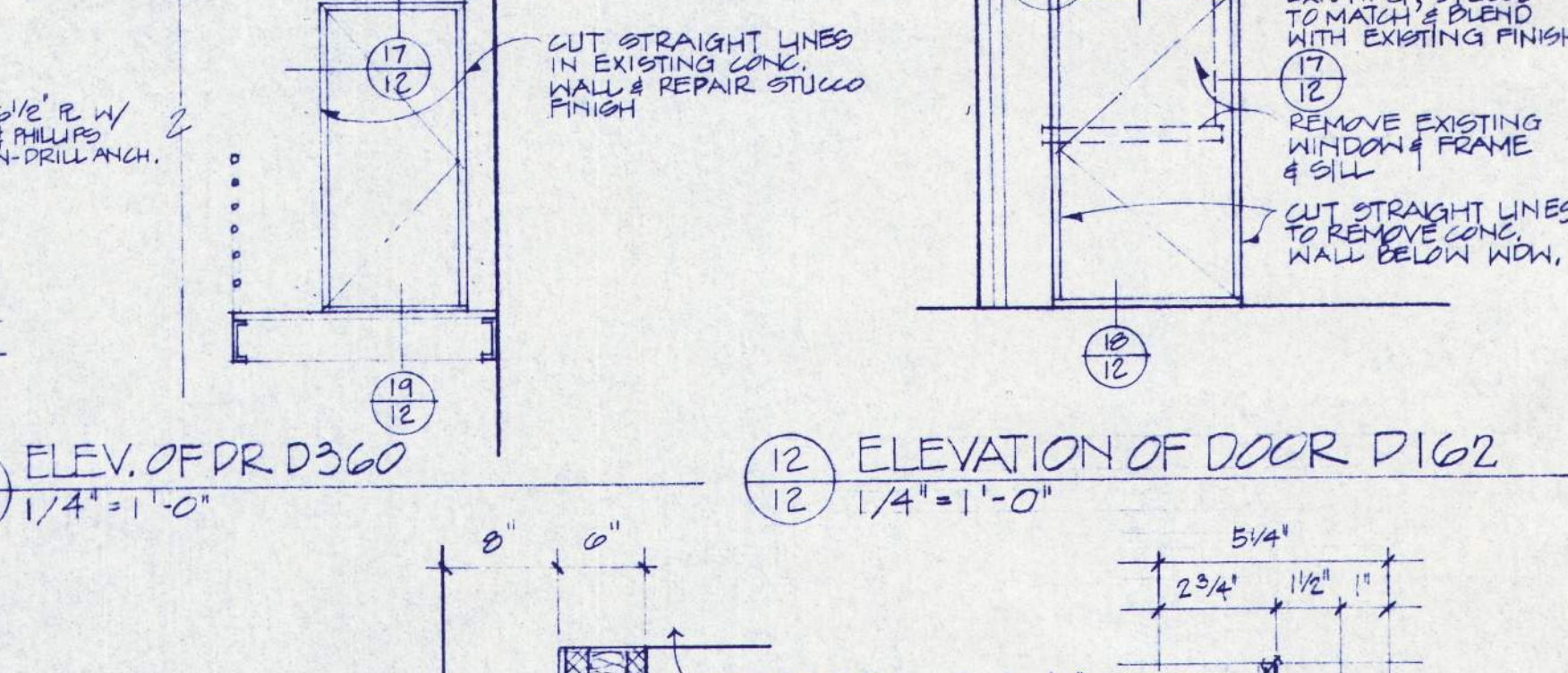
5 SECTION
1/4" = 1'-0"



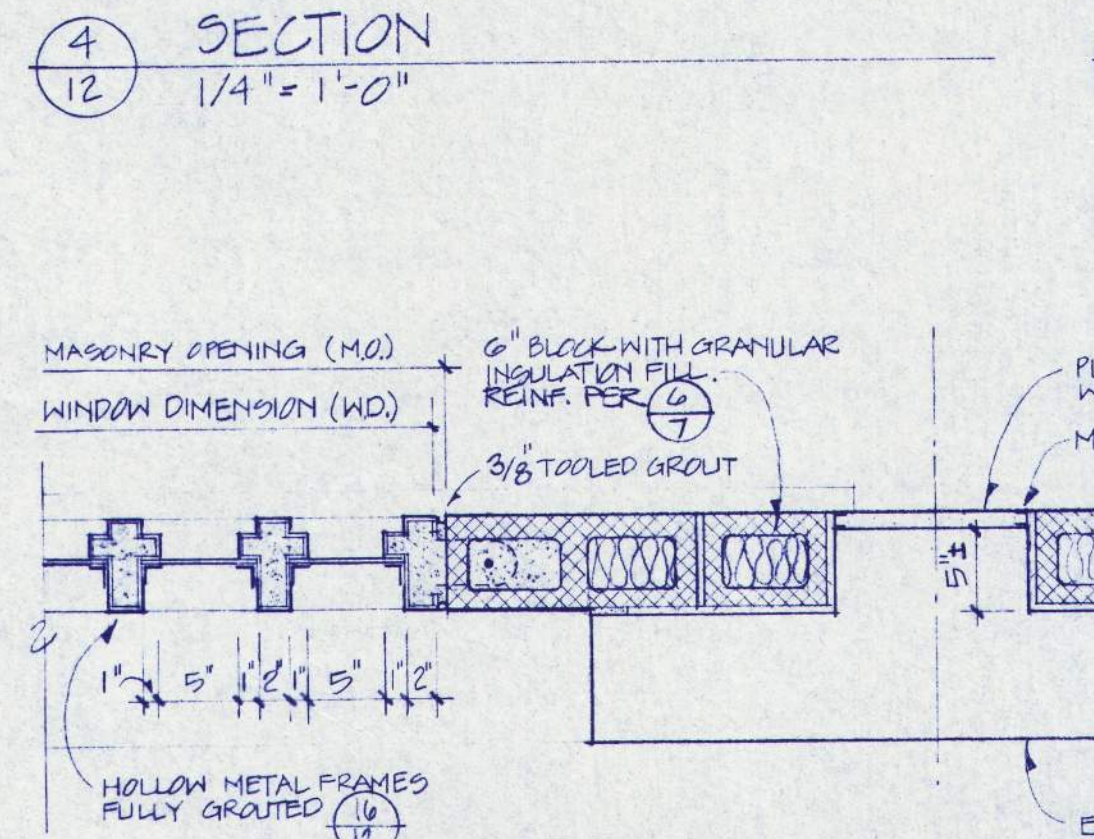
6 DETAIL @ TOP OF STAIRS
1 1/2" = 1'-0"



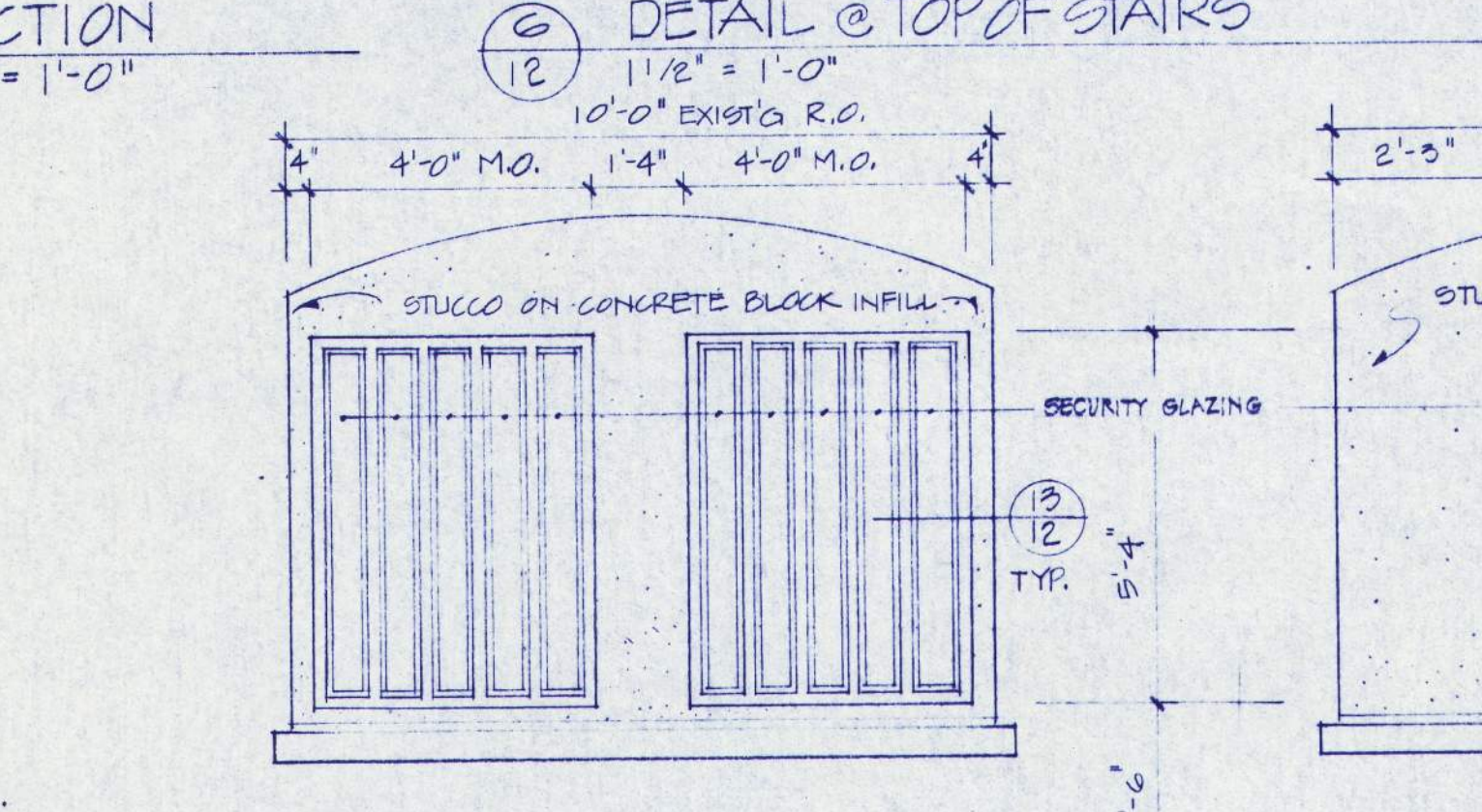
7 CEILING DETAIL
1" = 1'-0"



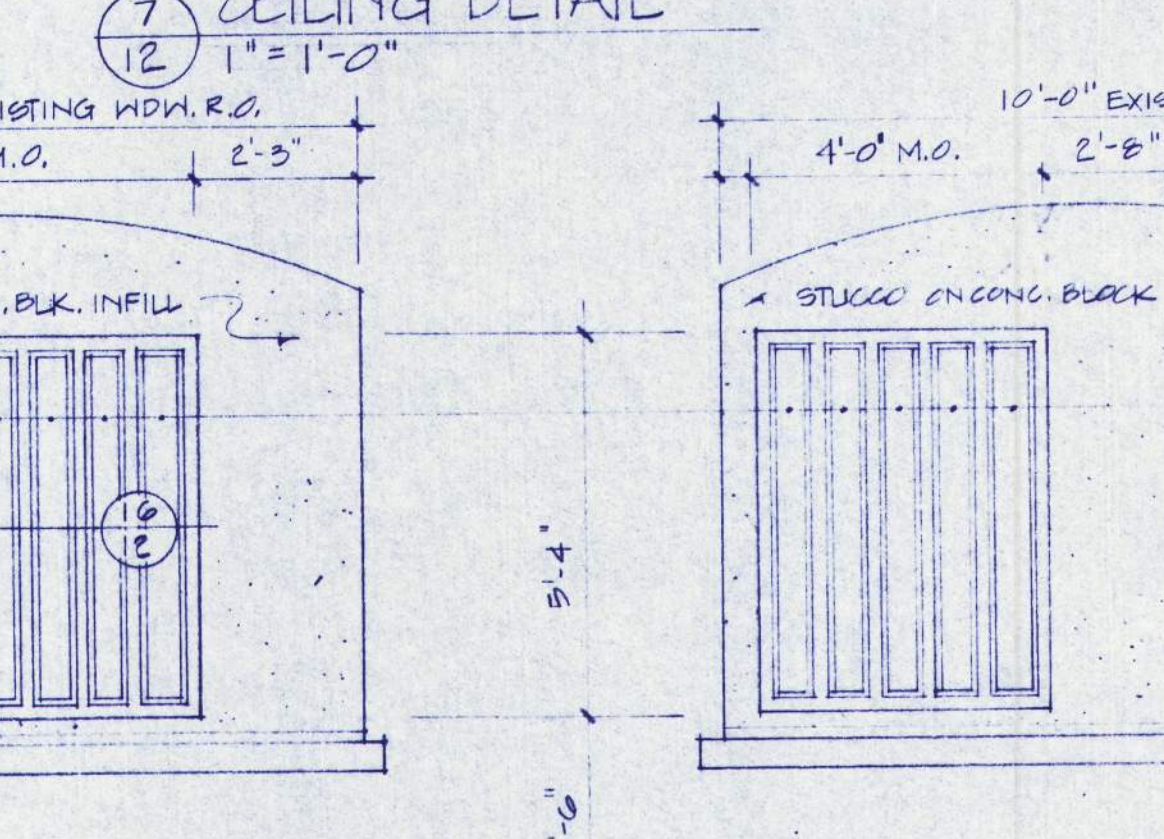
8 ELEVATION OF DR D360
1/4" = 1'-0"



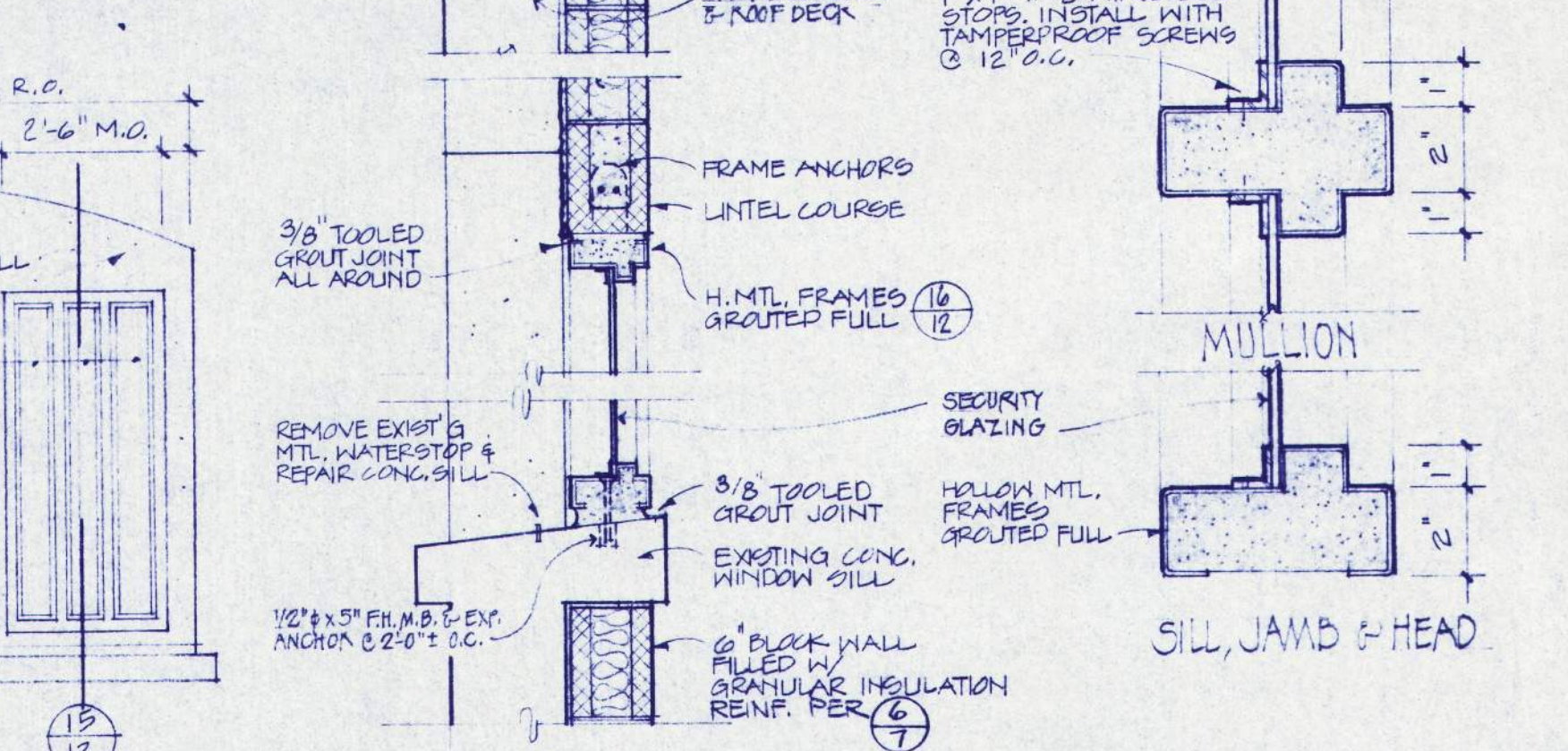
9 TYPICAL DETAIL - PLAN
1" = 1'-0"



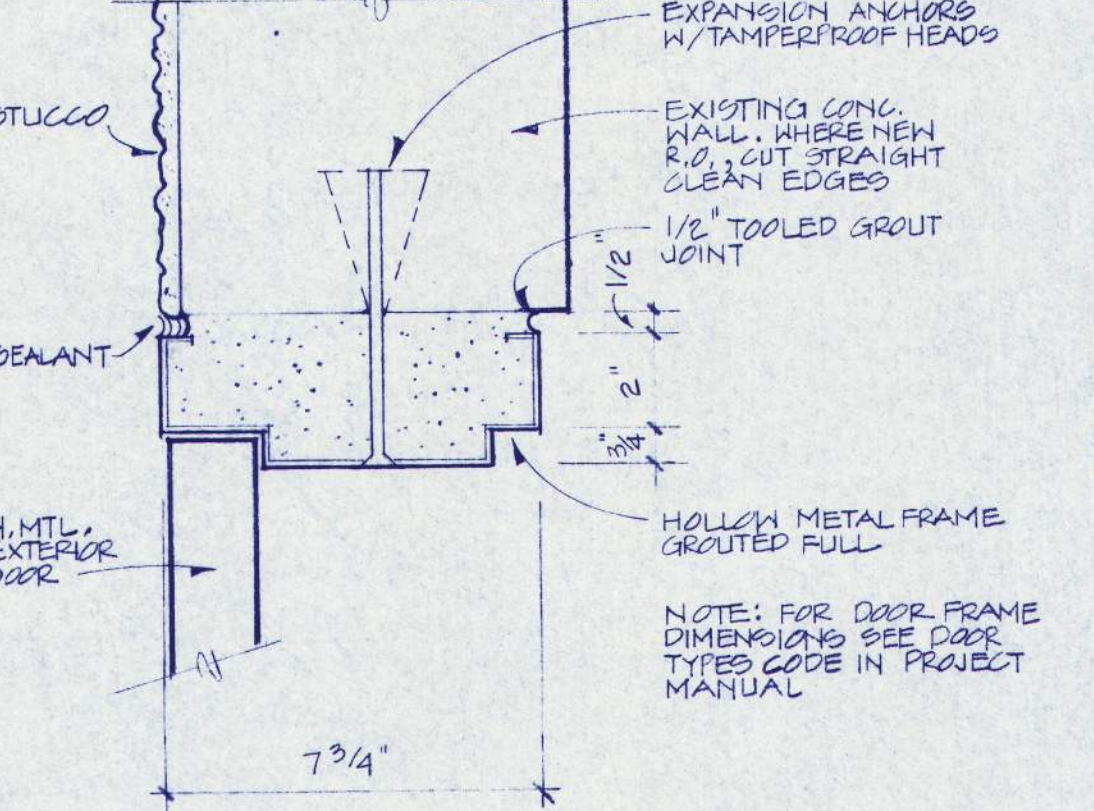
10 WINDOWS @ ISOLATION
3/8" = 1'-0"



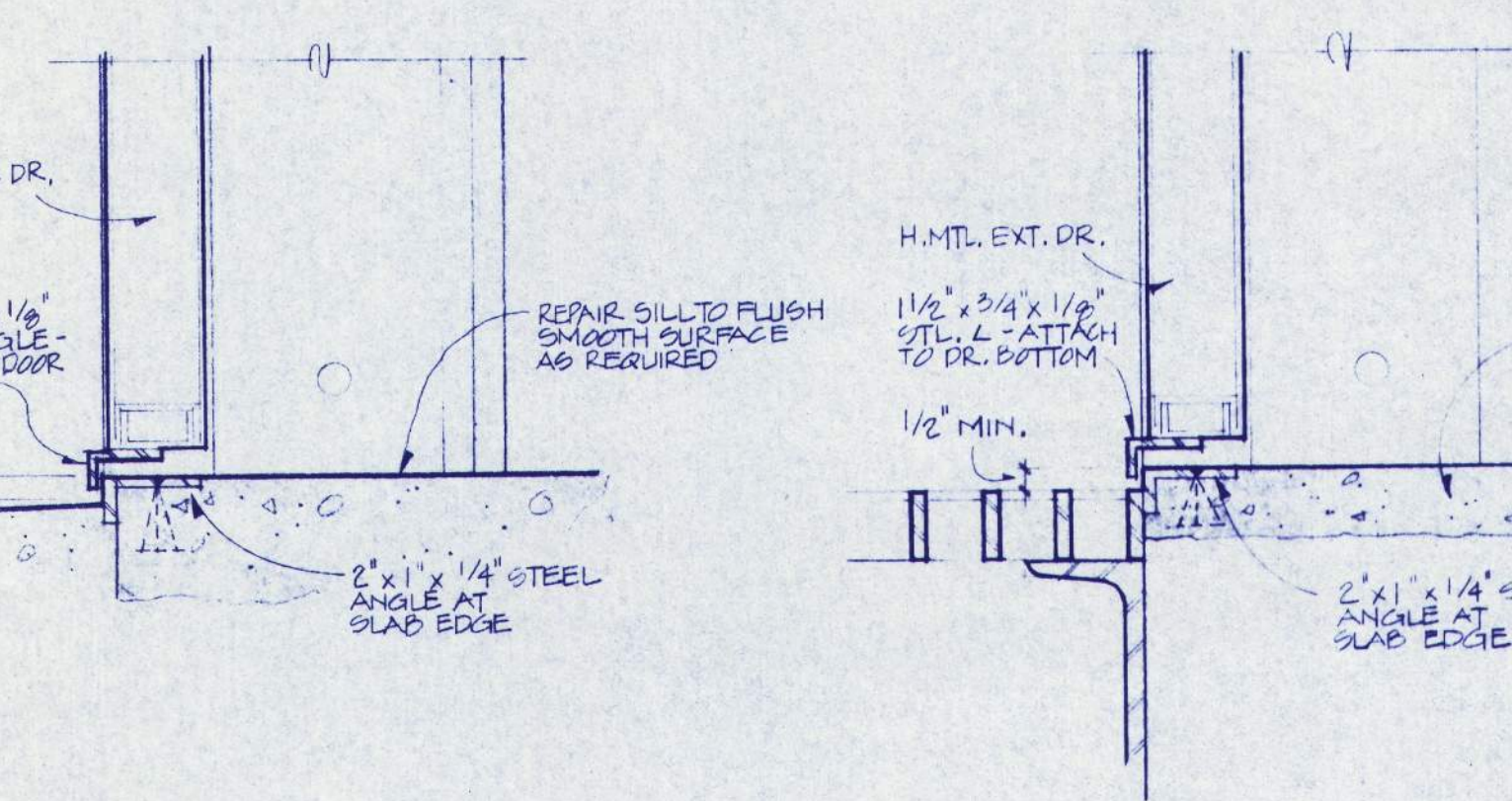
11 ELEV. OF DR D360
1/4" = 1'-0"



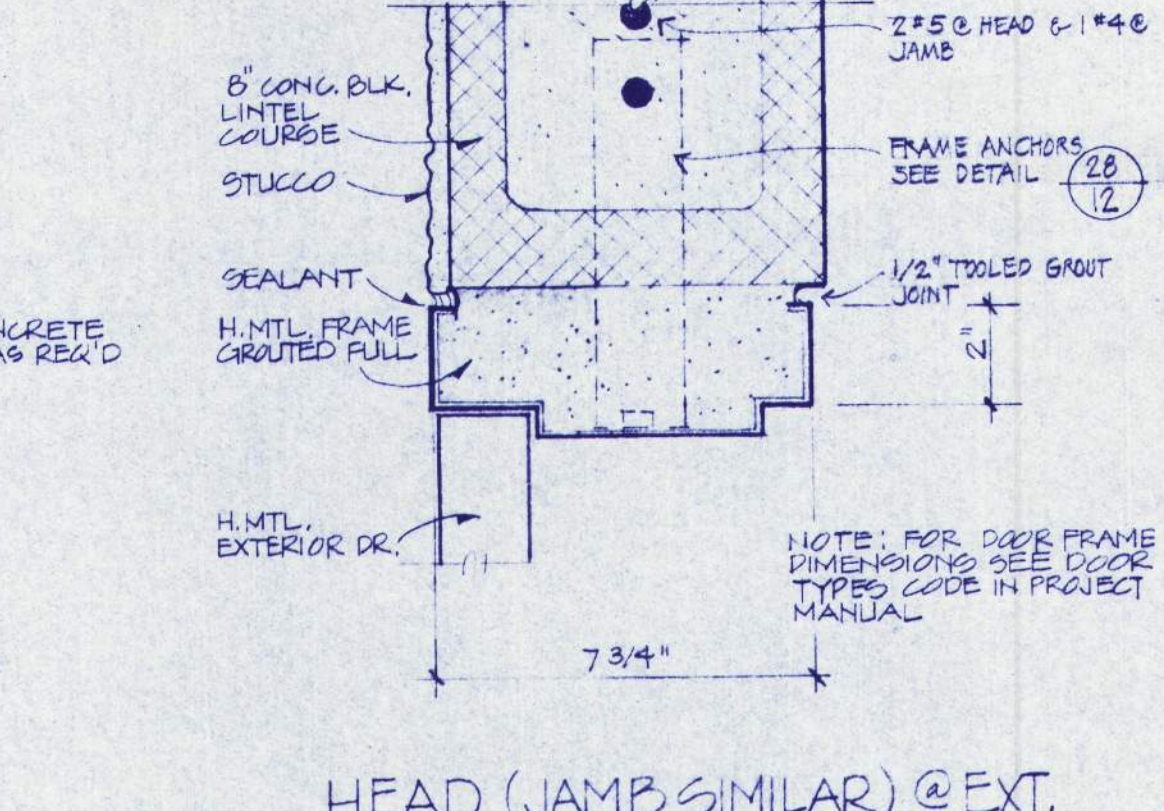
12 ELEVATION OF DOOR D162
1/4" = 1'-0"



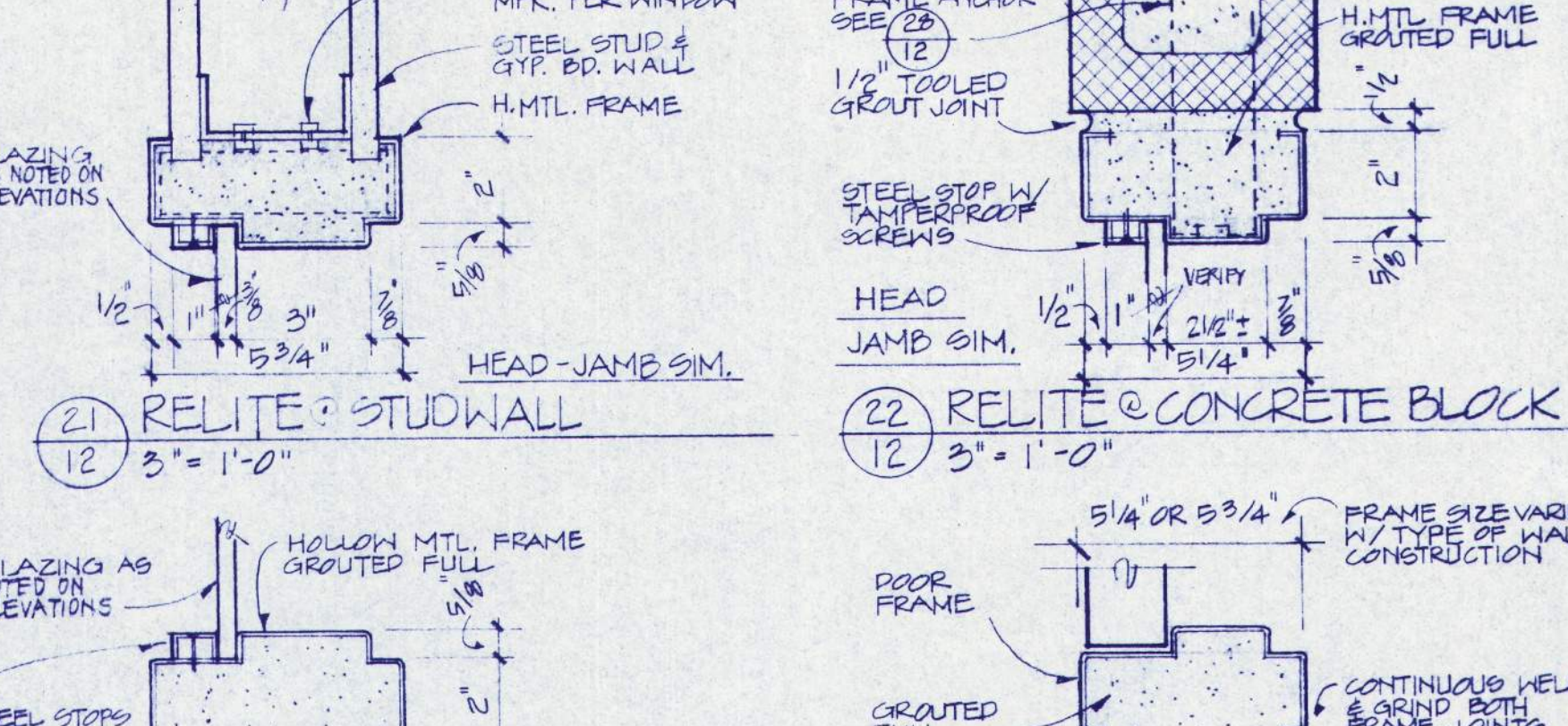
13 HEAD/JAMB @ EXT. DR. - CONG. WALL
3" = 1'-0"



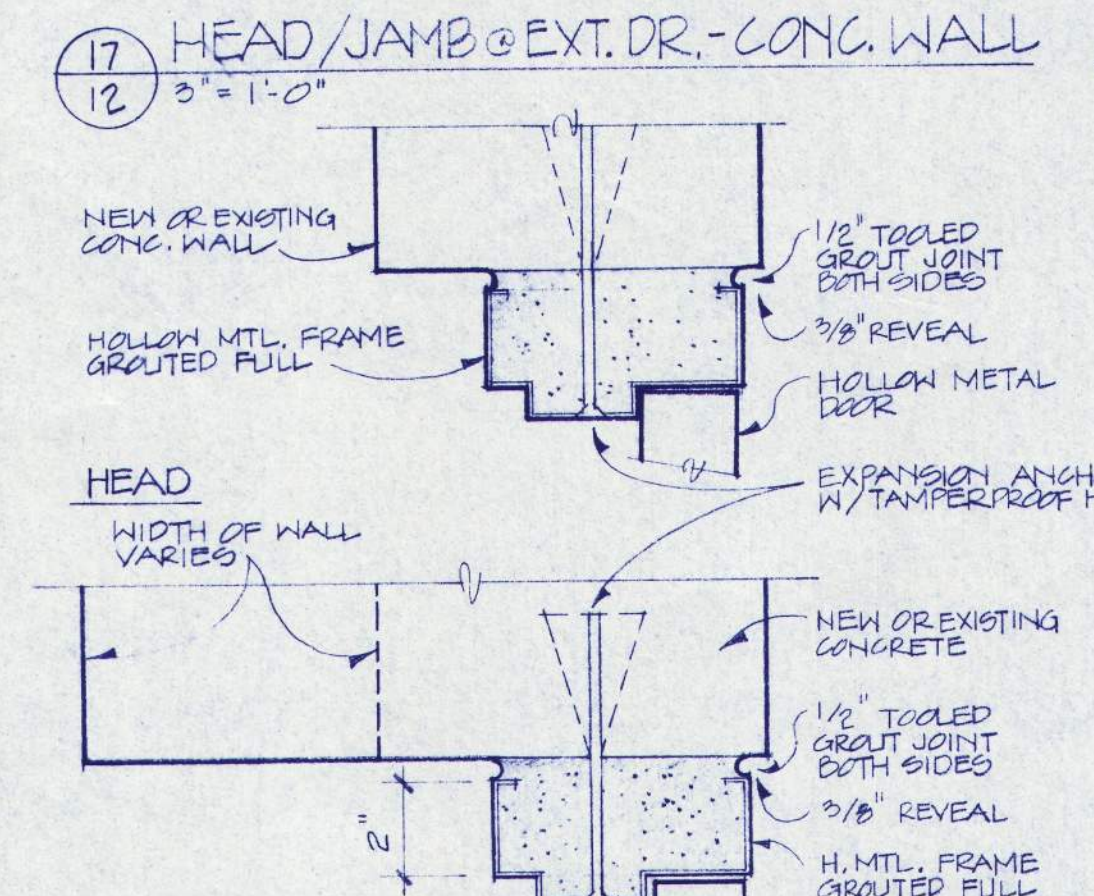
14 EXTERIOR DOOR THRESHOLD
5" = 1'-0"



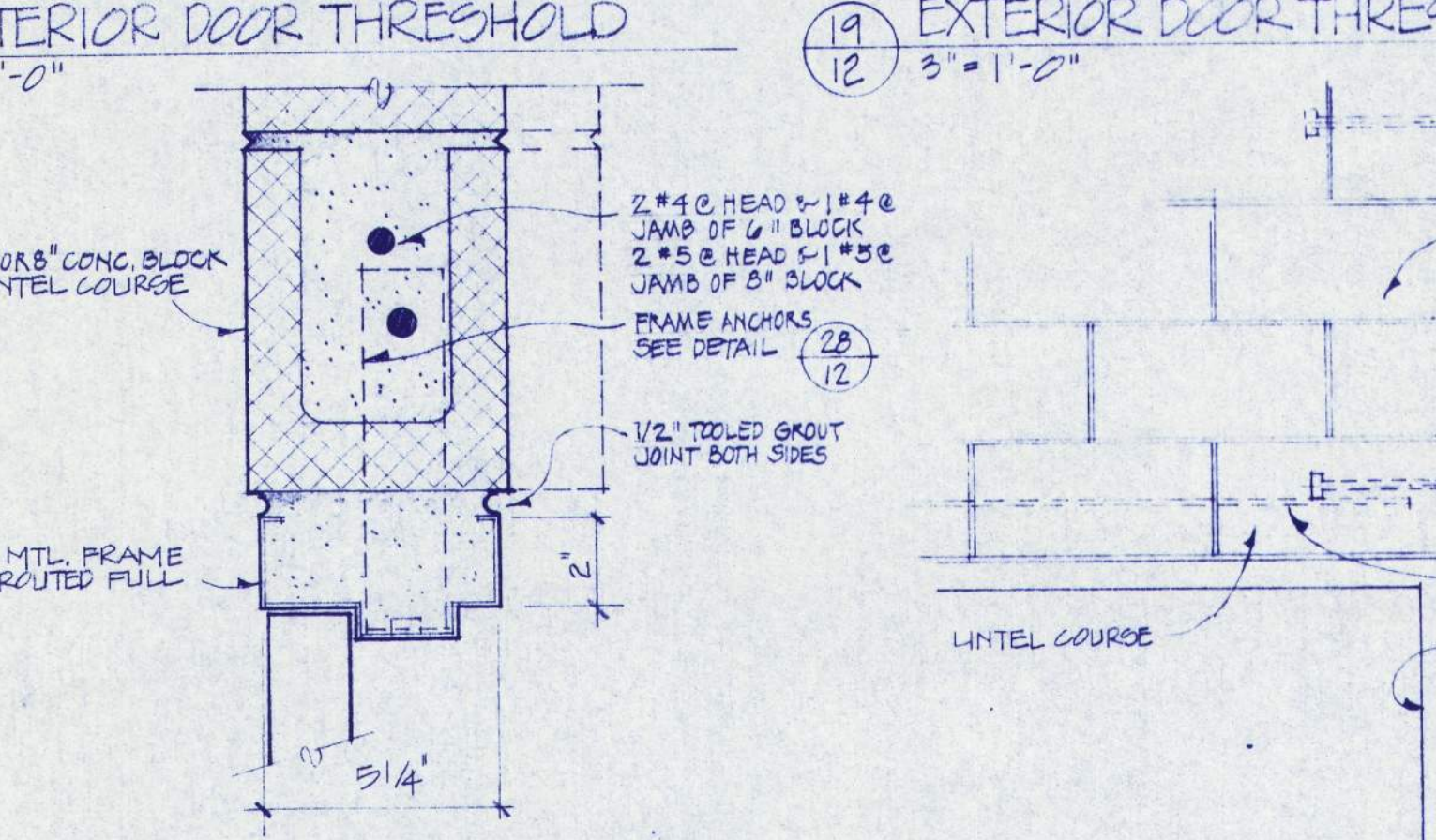
15 HEAD (JAMB SIMILAR) @ EXT. DR. IN BLOCK WALL
3" = 1'-0"



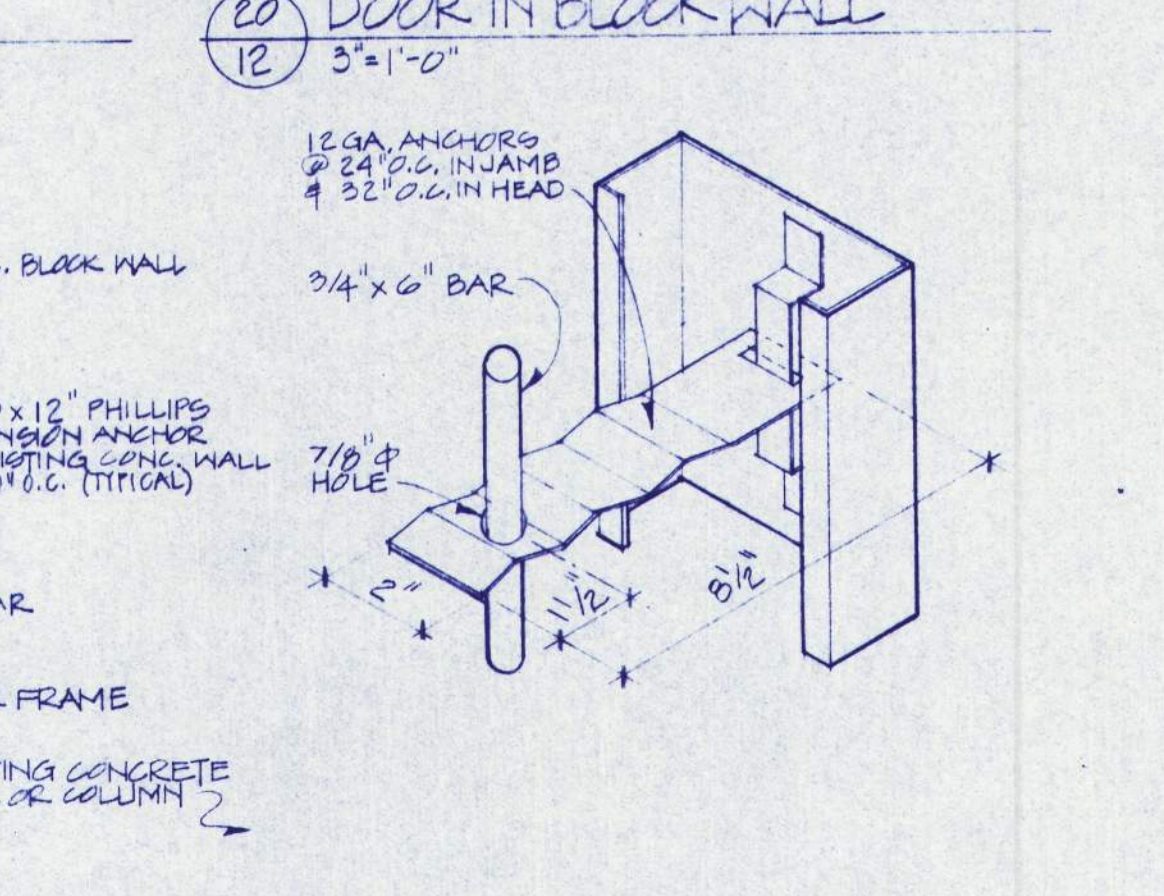
16 WINDOW FRAMES
3" = 1'-0"



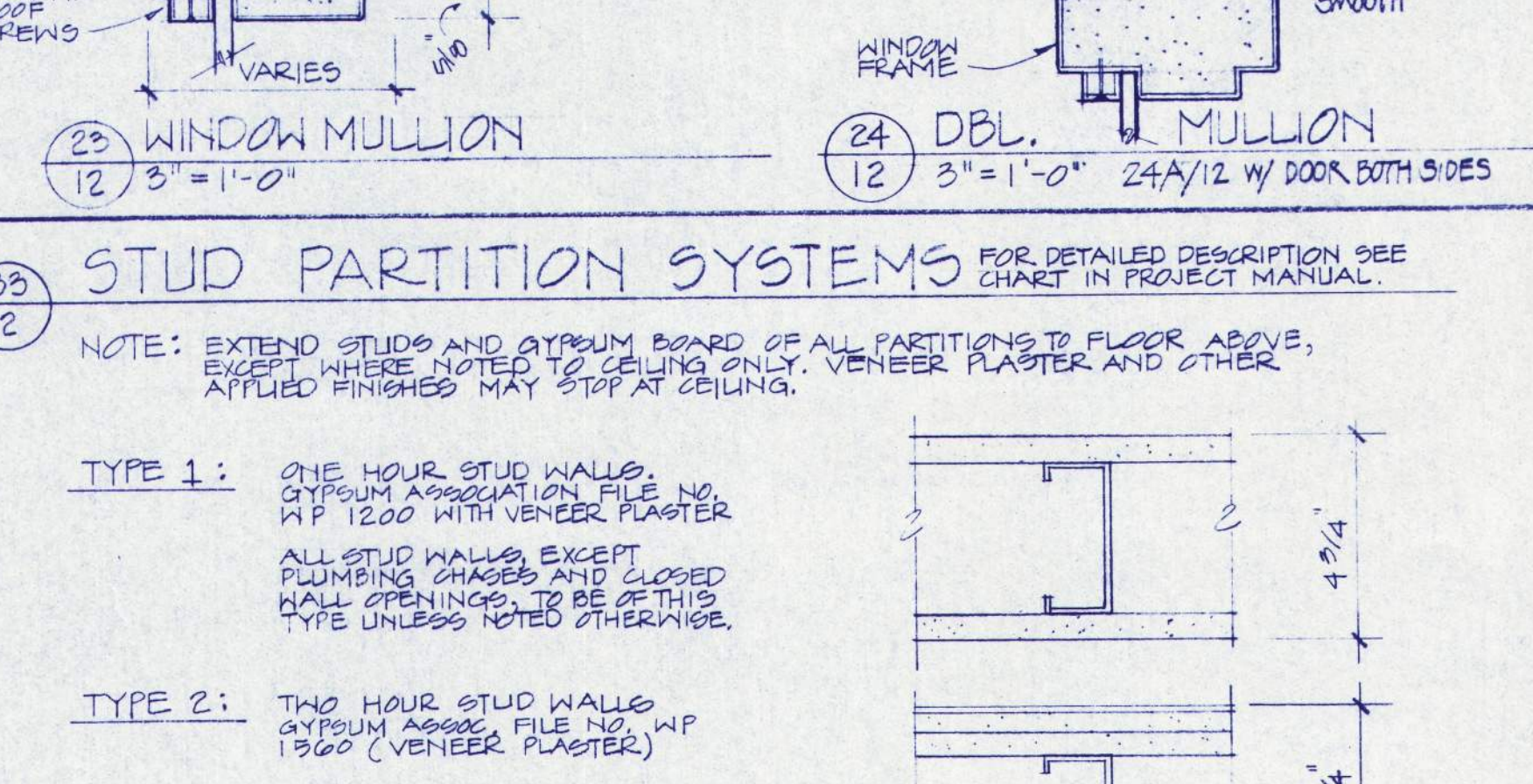
17 INTERIOR DR. @ CONCRETE WALL
3" = 1'-0"



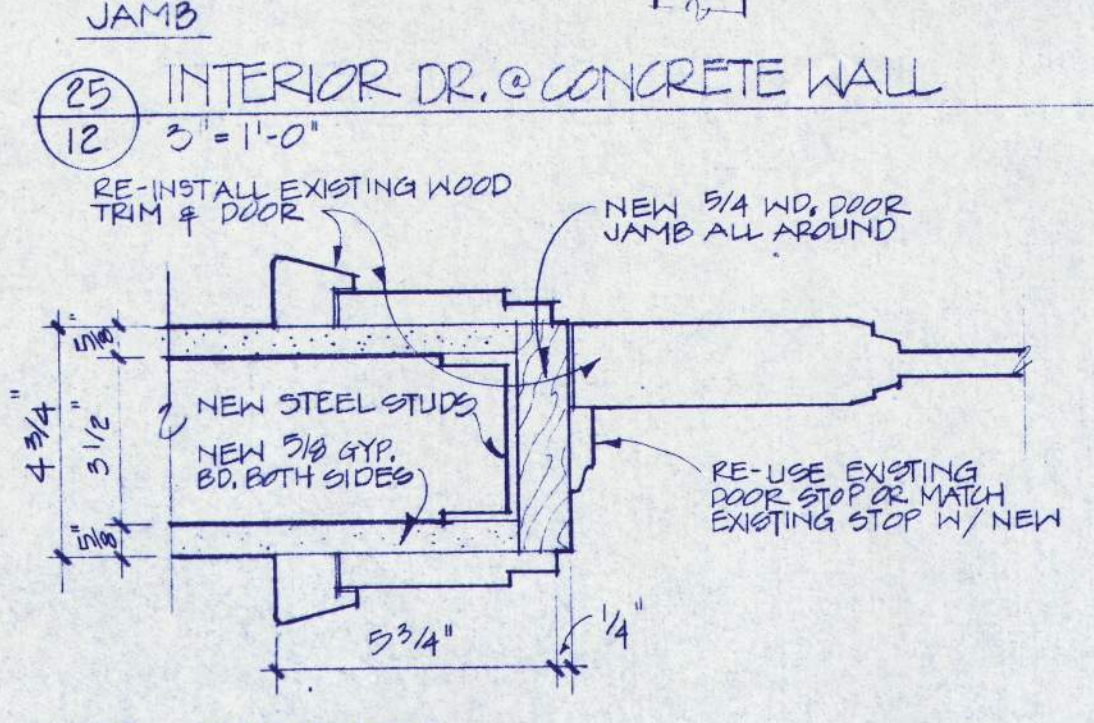
18 HEAD (JAMB SIMILAR) INTERIOR DR. @ BLOCK WALL
5" = 1'-0"



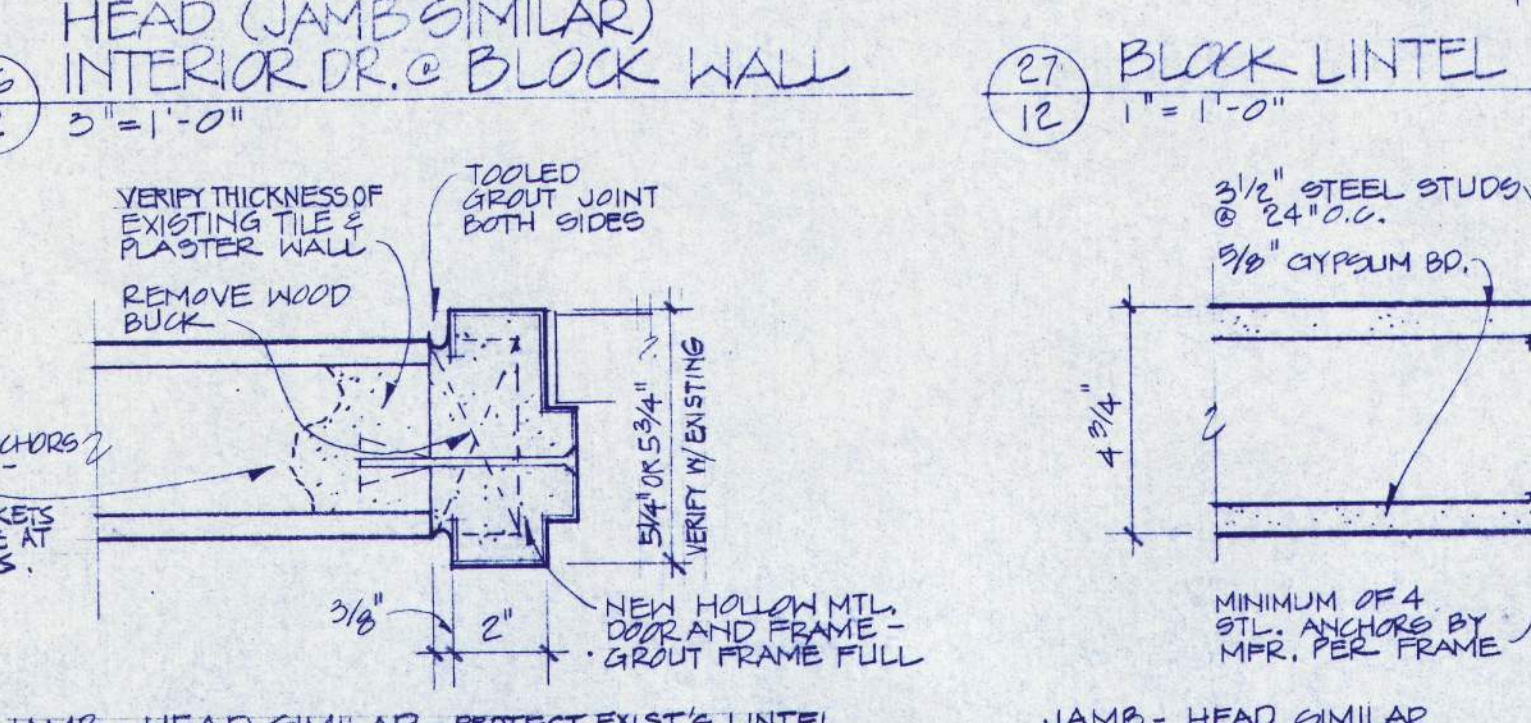
19 BLOCK LINTEL W/ CONG. JAMB
1" = 1'-0"



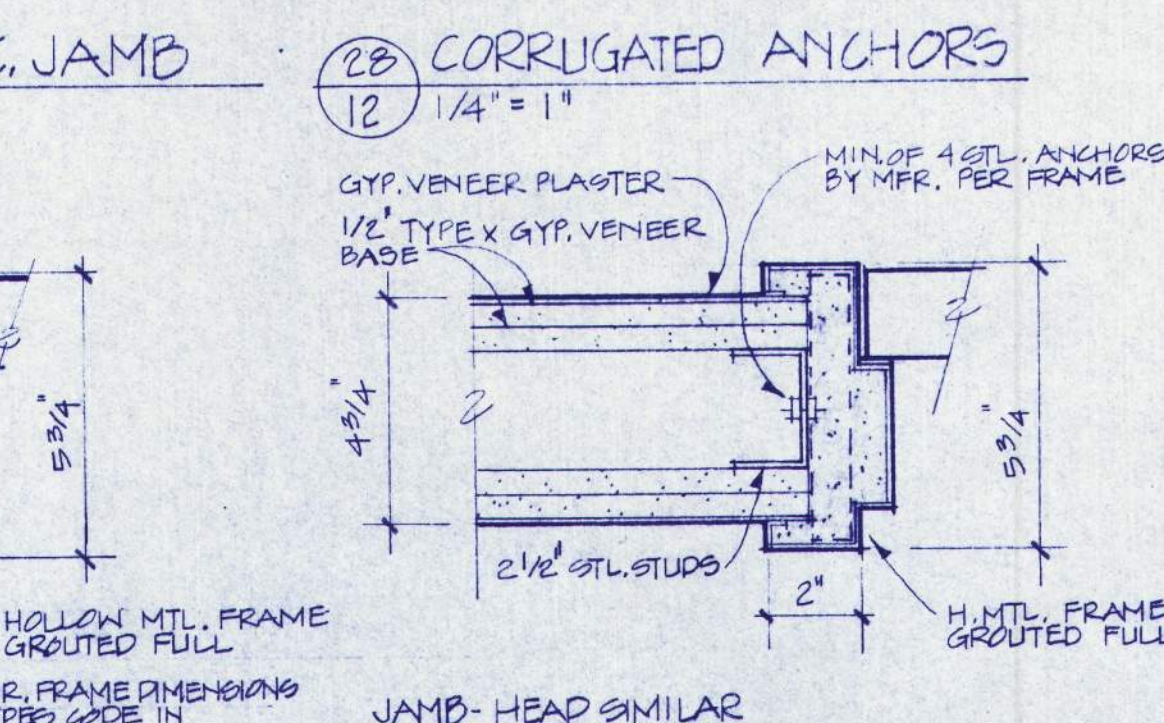
20 CORRUGATED ANCHORS
1/4" = 1"



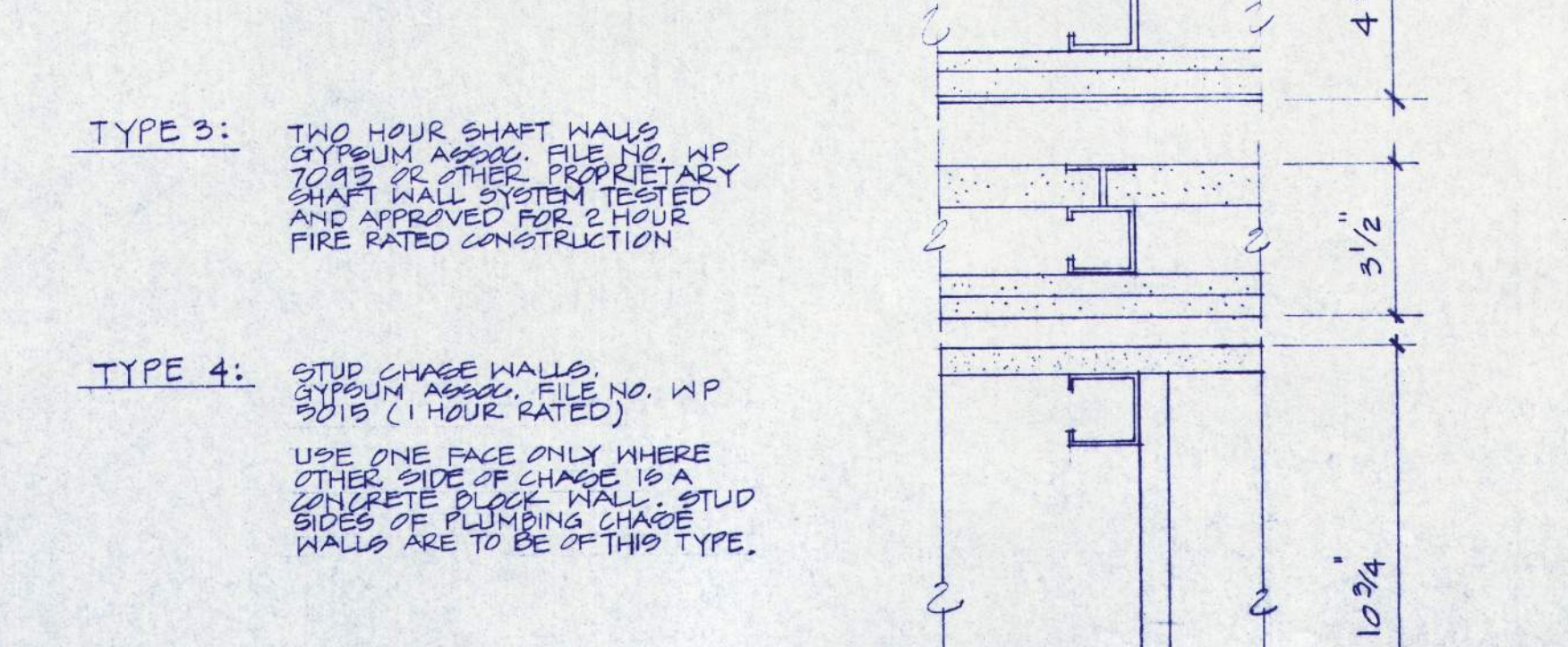
21 EXISTING WOOD DOOR & FRAME IN NEW STUD WALL
3" = 1'-0"



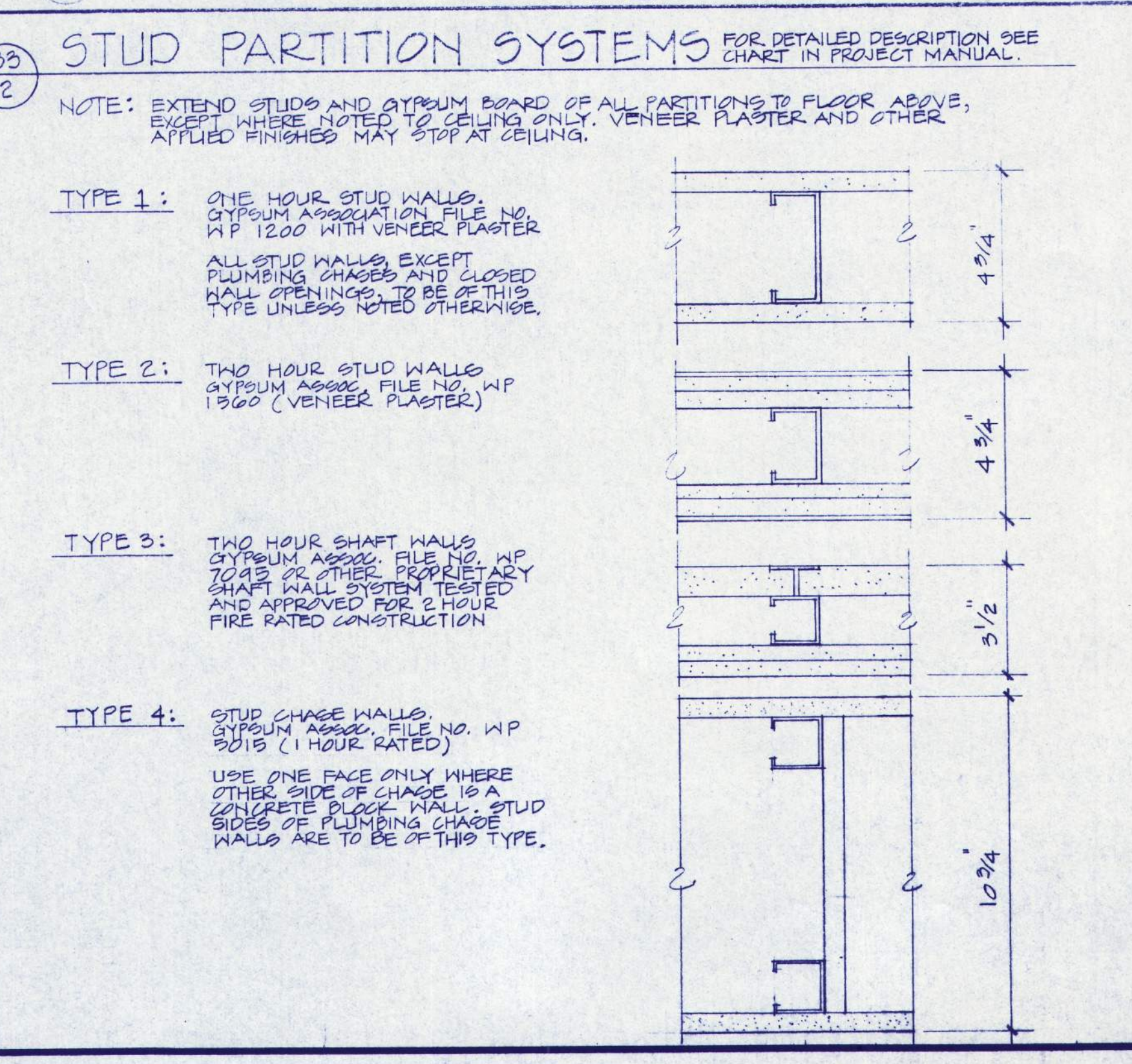
22 NEW DOOR & FRAME IN EXISTING TILE PARTITION
3" = 1'-0"



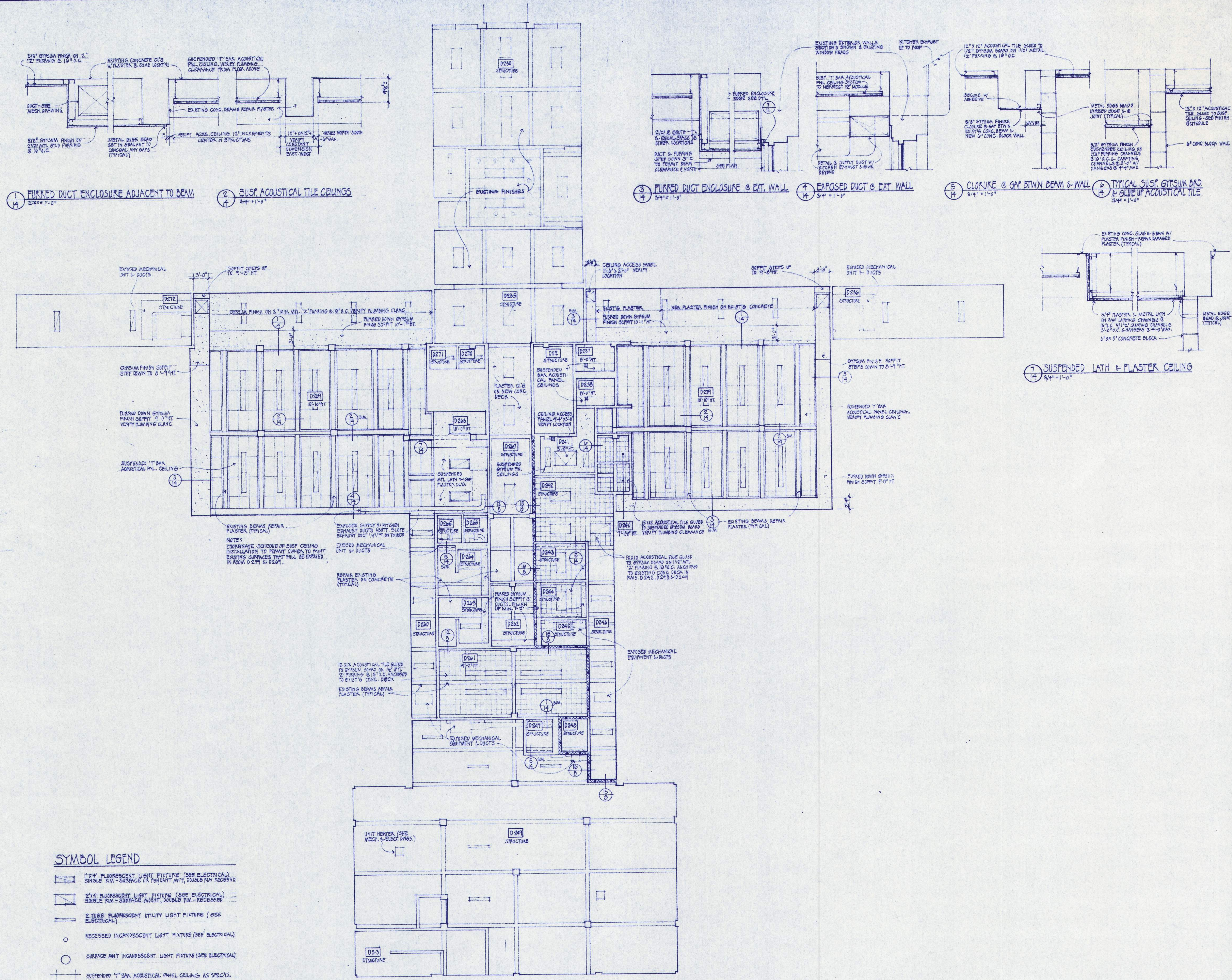
23 H. MTL. FRAME @ STUD WALL
3" = 1'-0"



24 H. MTL. FRAME @ STUD WALL
3" = 1'-0"



25 STUD PARTITION SYSTEMS
FOR DETAILED DESCRIPTION SEE CHART IN PROJECT MANUAL.

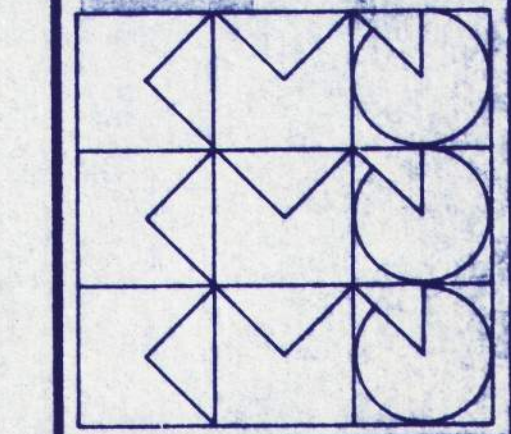


- 14 FURRED DUCT ENCLOSURE ADJACENT TO BEAM 3/4" x 1'-0"
- 2 SUSP. ACOUSTICAL TILE CEILINGS 3/4" x 1'-0"
- 3 FURRED DUCT ENCLOSURE @ EXT. WALL 3/4" x 1'-0"
- 4 EXPOSED DUCT @ EXT. WALL 3/4" x 1'-0"
- 5 CLOSURE @ GAP BTWN BEAM & WALL 3/4" x 1'-0"
- 6 TYPICAL SUSP. GYPSUM BOG & GLUE UP ACOUSTICAL TILE 3/4" x 1'-0"
- 7 SUSPENDED LATH & PLASTER CEILING 3/4" x 1'-0"

- SYMBOL LEGEND**
- 1'x4' FLUORESCENT LIGHT FIXTURE (SEE ELECTRICAL) SINGLE RM - SURFACE OR PENDANT MNT, DOUBLE RM - RECESSED
 - 2'x4' FLUORESCENT LIGHT FIXTURE (SEE ELECTRICAL) SINGLE RM - SURFACE MOUNT, DOUBLE RM - RECESSED
 - 2 TUBE FLUORESCENT UTILITY LIGHT FIXTURE (SEE ELECTRICAL)
 - RECESSED INCANDESCENT LIGHT MIXTURE (SEE ELECTRICAL)
 - SURFACE MNT. INCANDESCENT LIGHT FIXTURE (SEE ELECTRICAL)
 - ▨ SUSPENDED TYPICAL ACOUSTICAL PANEL CEILING AS SPEC'D.
 - ▨ 12" x 12" ACOUSTICAL TILE CEILING GLUED TO GYPSUM BOARDS ON FURRING OR SUSPENDED, SEE PLAN NOTES.
 - ▨ PLASTER IN CONC. OR GYPSUM FINISH ON 1/2" FURRING & SUSPENDED PLASTER OR GYPSUM FINISH CEILINGS, SEE PLAN NOTES.
 - ▨ MECHANICAL DIMPUSERS & CEILING GRILLES (SEE MECHANICAL)
 - ▨ CEILING ACCESS PANEL, SIZE AS NOTED ON PLAN (VERIFY LOCATION FOR ACCESS TO MECHANICAL EQUIPMENT)
 - ▨ CEILING HEIGHT METAL STUD WALLS (SEE D2 NORTH REFLECTED CEILING PLAN)
 - ▨ NON BEARING CONC. BLOCK WALLS EXPOSED FULL S-W STRUCTURAL CONNECTION & CEILING SEE DETAIL
 - ▨ AREAS AFFECTED BY ALTERNATE BID AS NOTED.

D2 REFLECTED CEILING PLAN
1/8" = 1'-0"
SEE SHEET #1 FOR GENERAL NOTES
SEE SPECIFICATIONS FOR FINISH NOTES & SCHEDULE

EASTERN OREGON CORRECTIONAL INSTITUTION
PENELTON, OREGON
PHASE 4
WEGROUP pc / ARCHITECTS & PLANNERS
OREGON STATE CORRECTIONS DIVISION
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812 S.W. WASHINGTON STREET/PORTLAND, OREGON 97205/(503) 222-1181
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DRAWN JJB
DATE 8 JULY 85
JOB 201 *4

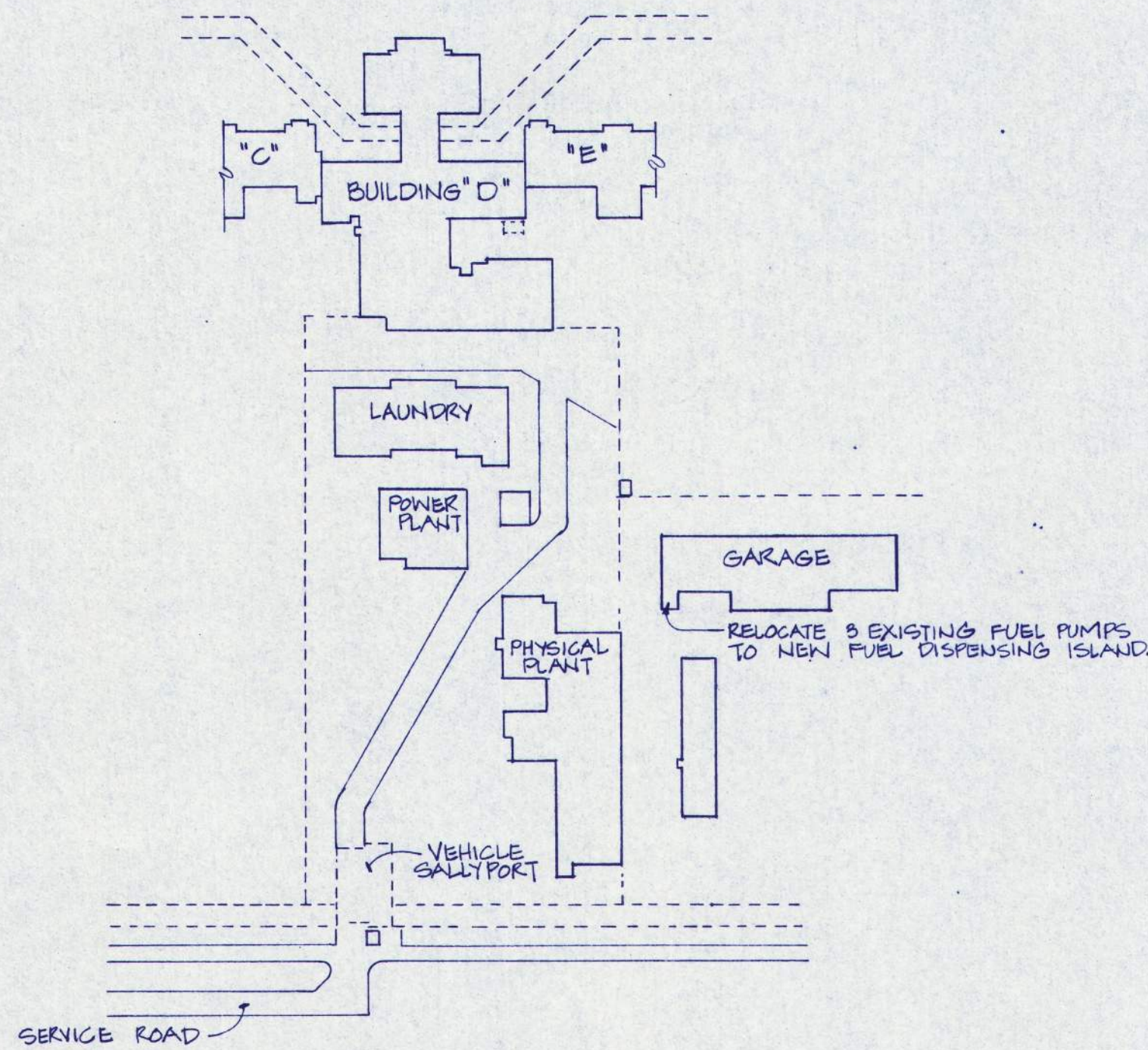
REVISIONS DATE

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY (PRIOR TO BID) SIZES AND LOCATION OF ALL PIPING, DUCTS, & EQUIPMENT SHOWN AS EXISTING.
2. ALL EXISTING PIPES, DUCTS, & EQUIPMENT HAVE NOT BEEN SHOWN ON DRAWINGS.
3. FOR EXACT LOCATION OF GRILLES & DIFFUSERS SEE ARCHITECTURAL REFLECTED CEILING PLANS.
4. FOR TYPICAL DUCT CONSTRUCTION DETAILS SEE (3) (M-1).
5. FOR TYPICAL DIFFUSER-FLEX. DUCT CONNECTION DETAIL SEE (2) (M-1).
6. FOR TYPICAL DOMESTIC WATER SUPPLY DETAIL SEE (13) (M-1).
7. FOR TYPICAL MULTI-ZONE, UNIT HEATER, CABINET HEATER, & AC UNIT HEATING COIL DETAIL SEE (7) (M-1).
8. FOR MZ-1, AC-1, & AC-5 COOLING COIL DETAIL SEE (4) (M-1).
9. FOR AC-2, AC-3, AC-4 COOLING COIL DETAIL SEE (5) (M-1).
10. FOR PUMPING FIXTURE SCHEDULE & AIR HANDLING EQUIPMENT SCHEDULES SEE SHEET M-5.

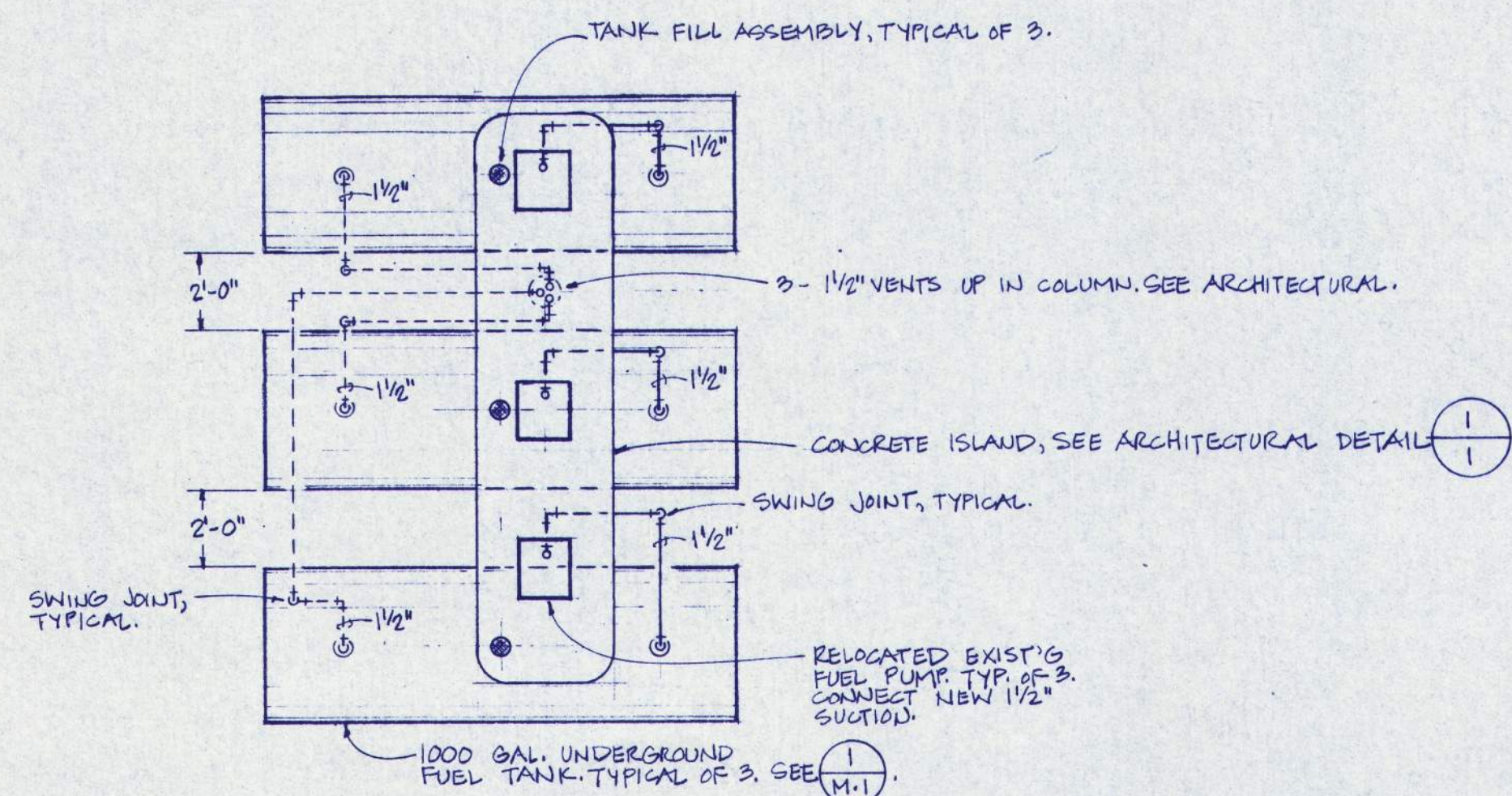
SYMBOLS

	SUPPLY DUCT UP, DOWN		(W) NEW WASTE
	RETURN OR EXCH. DUCT UP, DOWN		EXISTING WASTE
	MANUAL VOLUME DAMPER		(SD) NEW STORM DRAIN
	FIRE DAMPER		EXISTING STORM DRAIN
	AUTOMATIC DAMPER		(CW) COLD WATER
	BACKDRAFT DAMPER		(HW) HOT WATER
	THERMOSTAT		(HW) HOT WATER RE-CIRC.
	NIGHT LOW LIMIT THERMOSTAT		(T) TEMPERED WATER
	DUCT WITH SOUND ATTENUATING LINER		(G) NATURAL GAS
	ALUMINUM DUCT		(RL) REFRIGERANT LIQUID
	AC-1 AIR CONDITIONING UNIT		(RS) (RS) REFRIGERANT SUCTION
	MZ-1 MULTI-ZONE UNIT		(D) (D) SUMP PUMP DISCHARGE
	UH-1 UNIT HEATER		(CD) (CD) CONDENSATE DRAIN
	CH-1 CABINET HEATER		(SL) (SL) LOW PRESSURE STEAM
	SF-1 ELEVATOR SHAFT PRESSURIZATION FAN		(CL) (CL) LOW PRESSURE CONDENSATE
	EF-1 EXHAUST FAN		(SH) (SH) HIGH PRESSURE STEAM
	RF-1 RETURN AIR FAN		(PC) (PC) PUMPED CONDENSATE
	SDG SUPPLY DIFFUSER CEILING		(CHS) (CHS) CHILLED WATER SUPPLY
	SRW SUPPLY REGISTER WALL		(CHR) (CHR) CHILLED WATER RETURN
	RGC RETURN GRILLE CEILING		(S) (S) FIRE SPRINKLER PIPE
	RGW RETURN GRILLE WALL		(SP) (SP) DRY STAND PIPE
	ERC EXHAUST REGISTER CEILING		(V) VENT PIPE
	ETCW EXHAUST REGISTER WALL		FD FIRE DEPT. CONNECTION
	ODD OPPOSED BLADE DAMPER		FHV FIRE HOSE VALVE
	KEYED NOTE REFERENCE		P-1 PLUMBING FIXTURE
	DETAIL REFERENCE		FD FLOOR DRAIN
	SECTION REFERENCE		DF DRINKING FOUNTAIN
			AD AREA DRAIN
			(A) (A) COMPRESSED AIR PIPE
			(DA) (DA) DENTAL AIR PIPE
			(DV) (DV) DENTAL VACUUM PIPE
			VTR VENT THRU ROOF
			SLOPE IN DIRECTION OF ARROW
			GV GATE VALVE
			FT FOOT TRAP, SEE (M-1)
			***** PIPING TO BE REMOVED



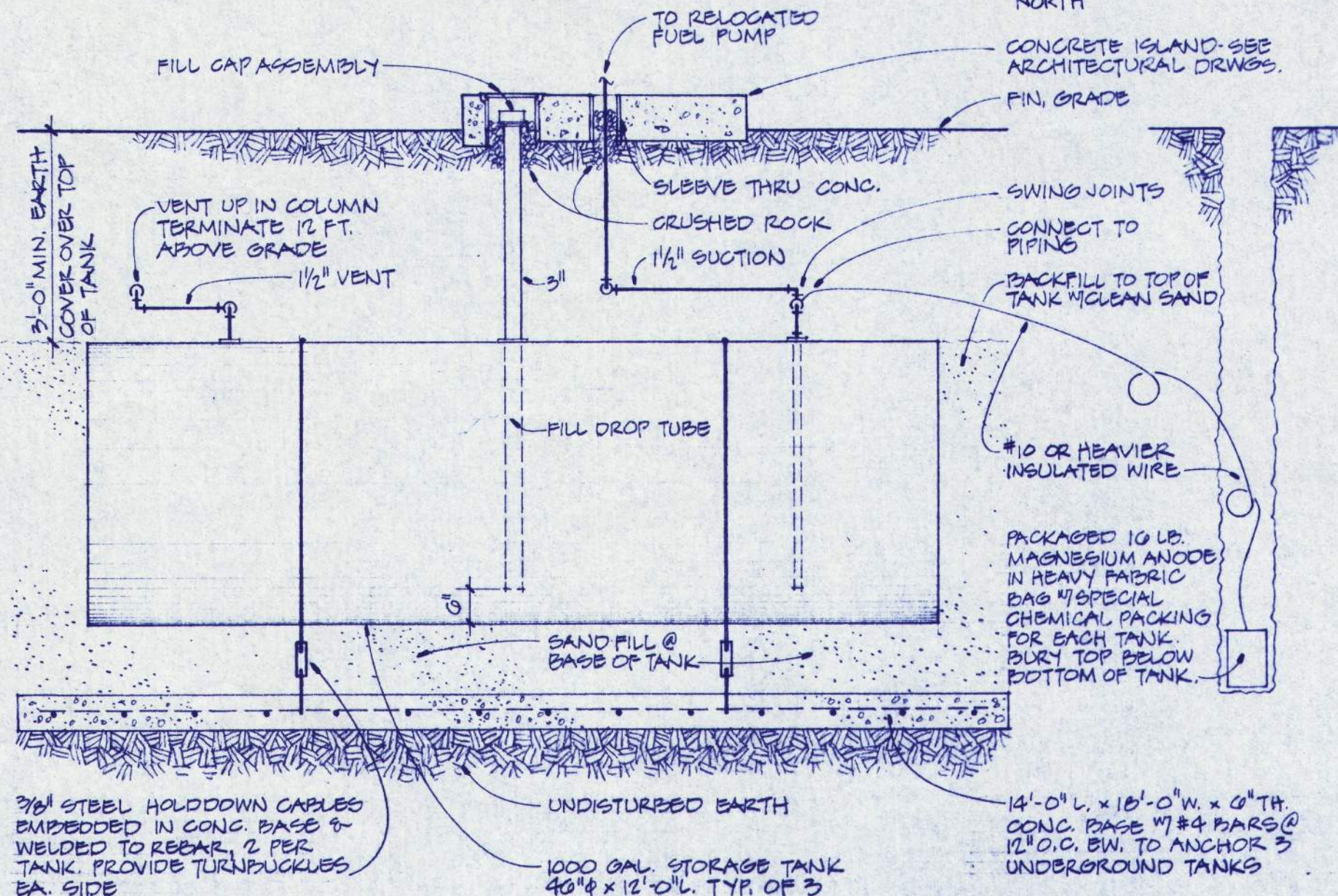
PARTIAL SITE PLAN

SCALE: 0 100 200 300' NORTH



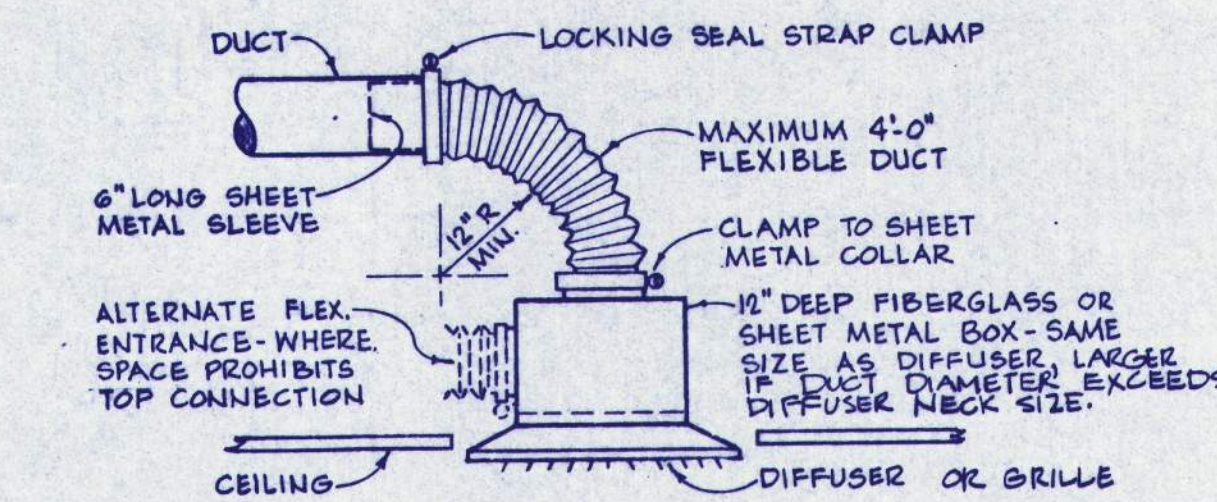
FUEL DISPENSING ISLAND PLAN

1/4" = 1'-0" NORTH



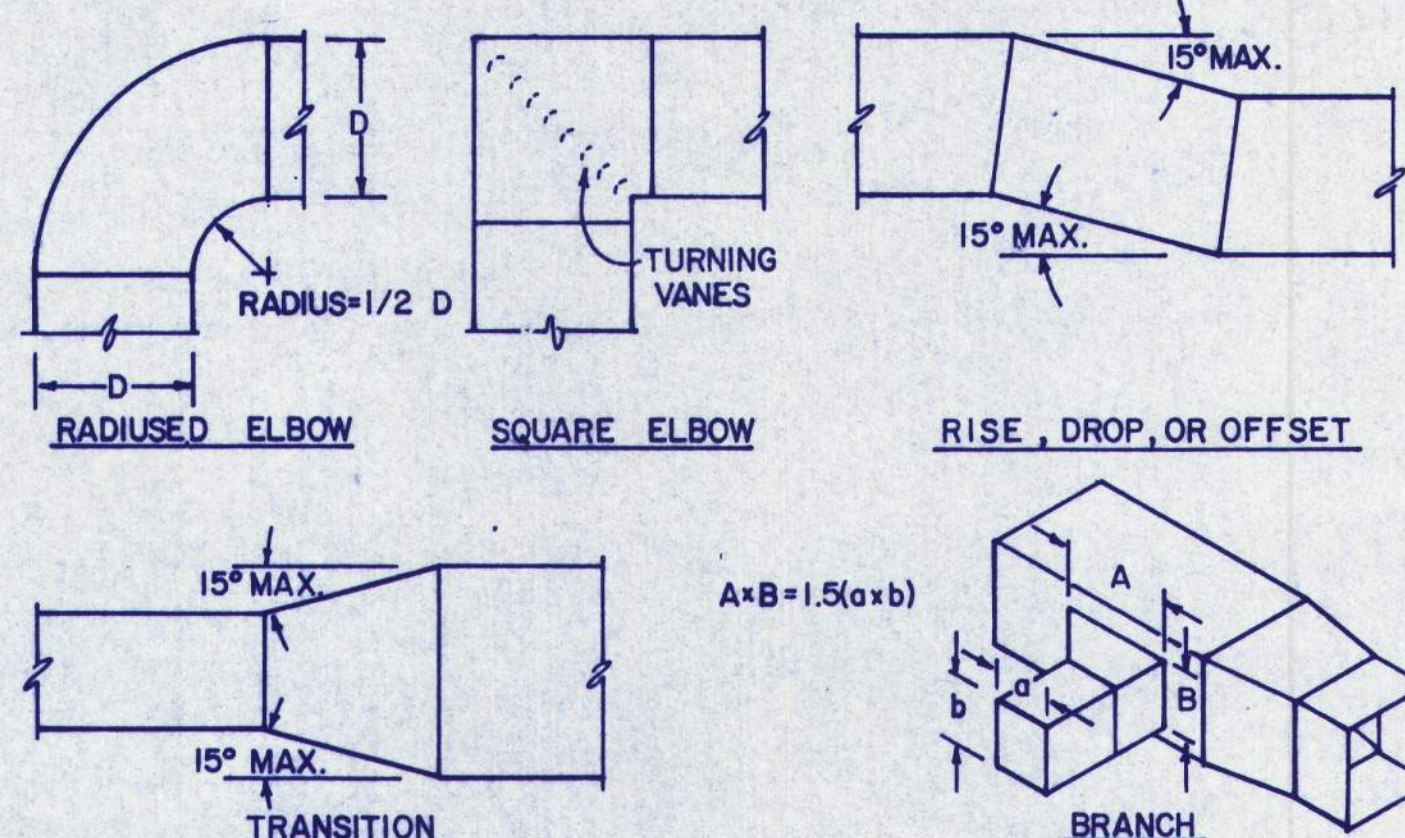
UNDERGROUND STORAGE TANK DETAIL

(1) (M-1) NO SCALE



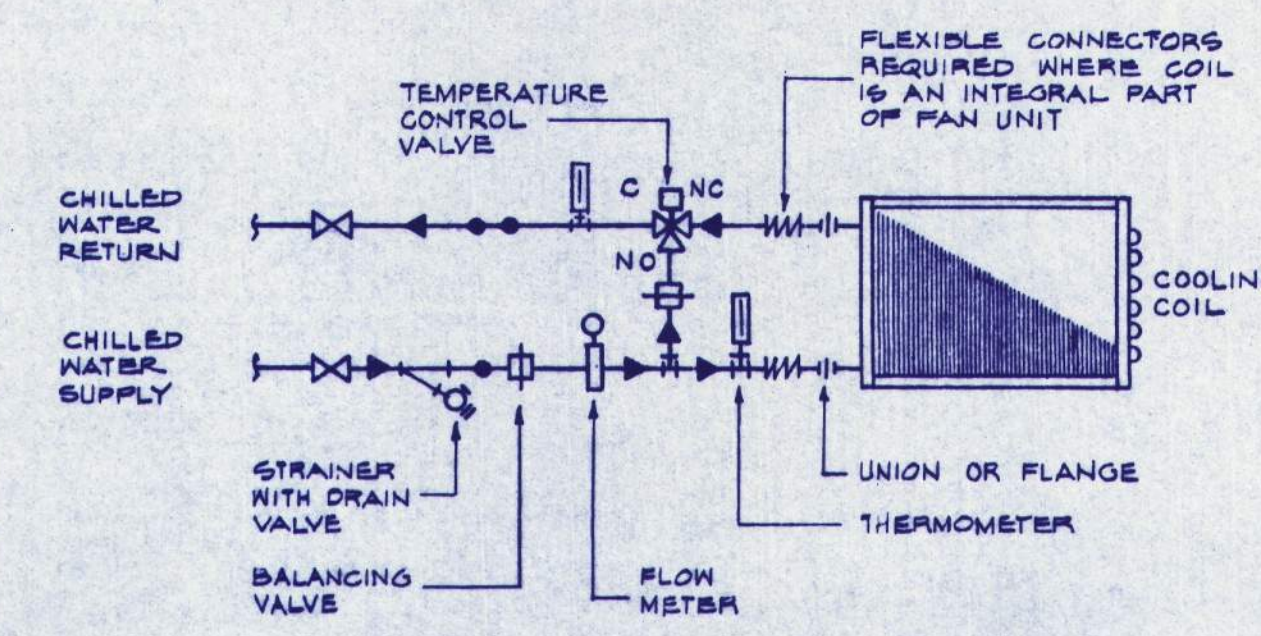
FLEXIBLE DUCT CONNECTION

(2) (M-1) NO SCALE



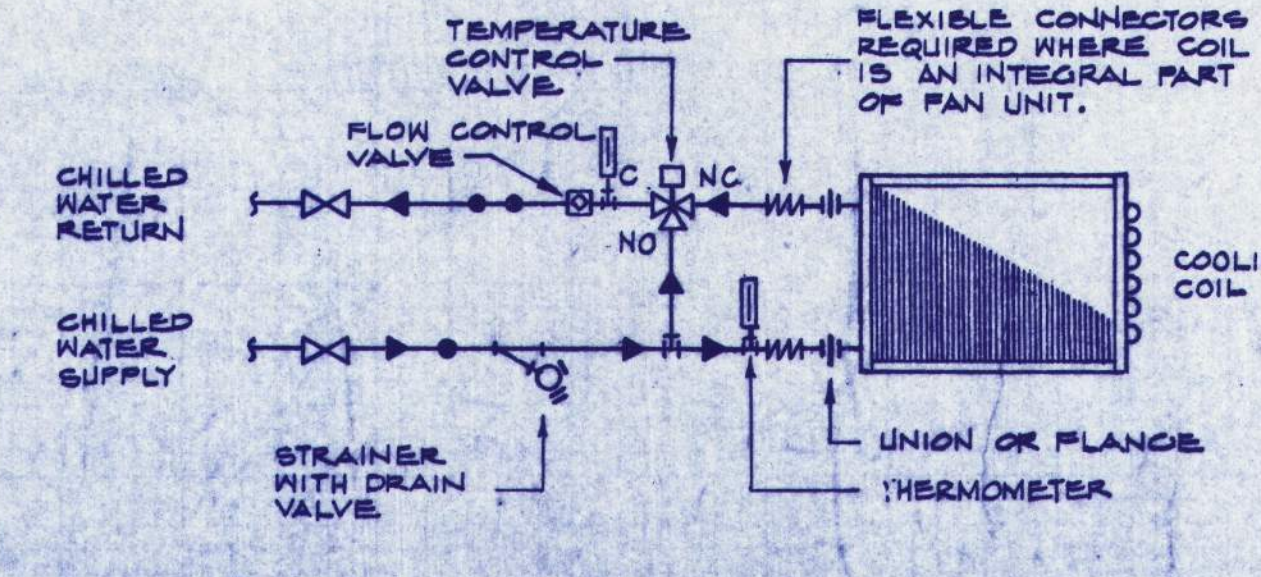
LOW VELOCITY DUCT DETAILS

(3) (M-1) NOT TO SCALE



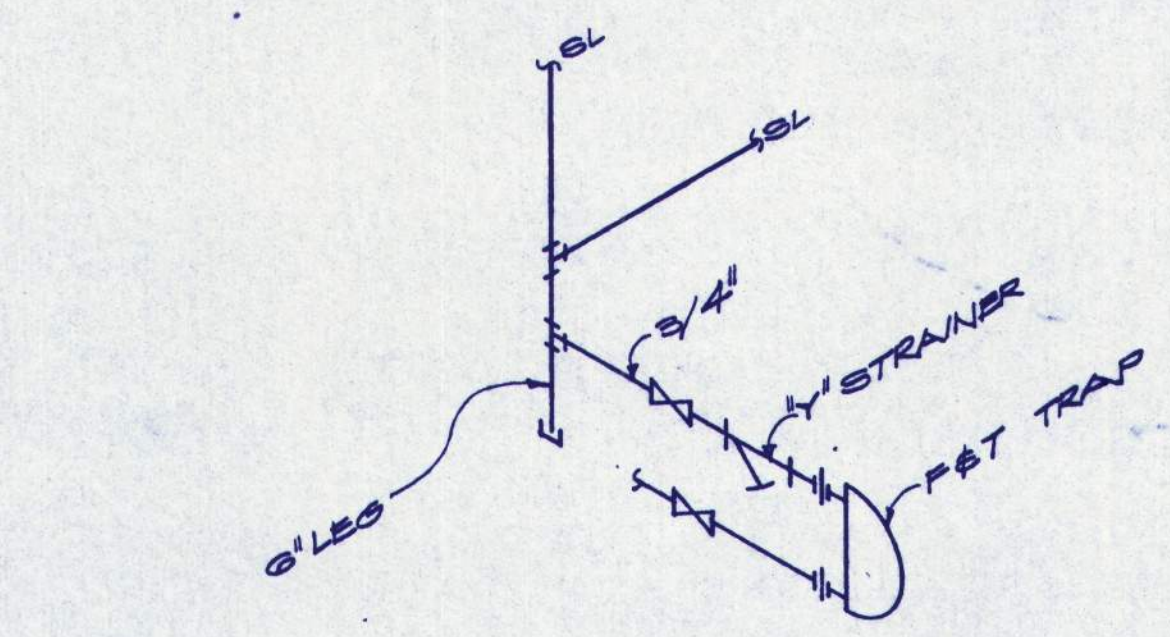
COOLING COIL PIPING DETAIL

(4) (M-1) TYPICAL FOR FLOW GREATER THAN 10 GPM NO SCALE



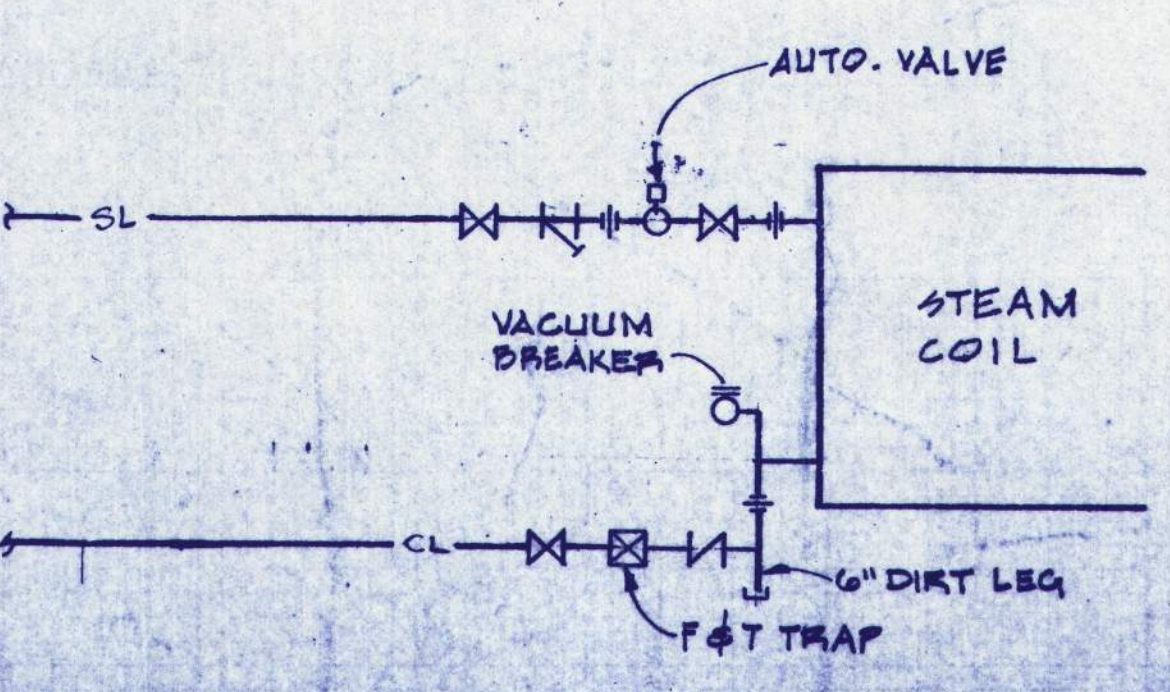
COOLING COIL PIPING DETAIL

(5) (M-1) TYPICAL FOR FLOW LESS THAN 10 GPM NO SCALE



TYPICAL LOW PRESSURE STEAM DIRT LEG / DRIP TRAP

(6) (M-1) NO SCALE



STEAM COIL PIPING DETAIL

(7) (M-1) NO SCALE



HDR Harrington, Durham & Richardson
CORRECTION CONSULTANT BULLAS, TEXAS

EASTERN OREGON CORRECTIONAL INSTITUTION
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863 THIRTEENTH AVENUE EAST / EUGENE, OREGON 97401 / (503) 344-3249

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DRAWN	5 JULY 88
DATE	501 14
JOB	

M-1

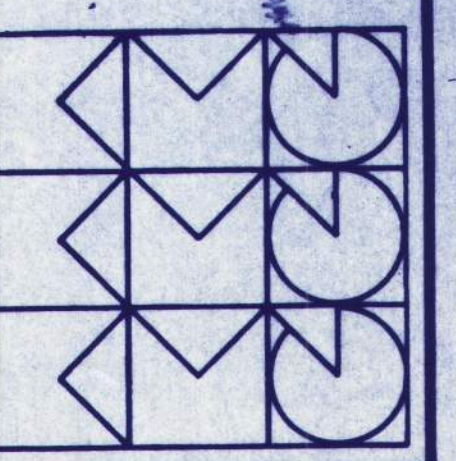


HDR
Heather Durham & Richardson
CONSULTANT
DALLAS, TEXAS

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PENDLETON, OREGON
PHASE 4

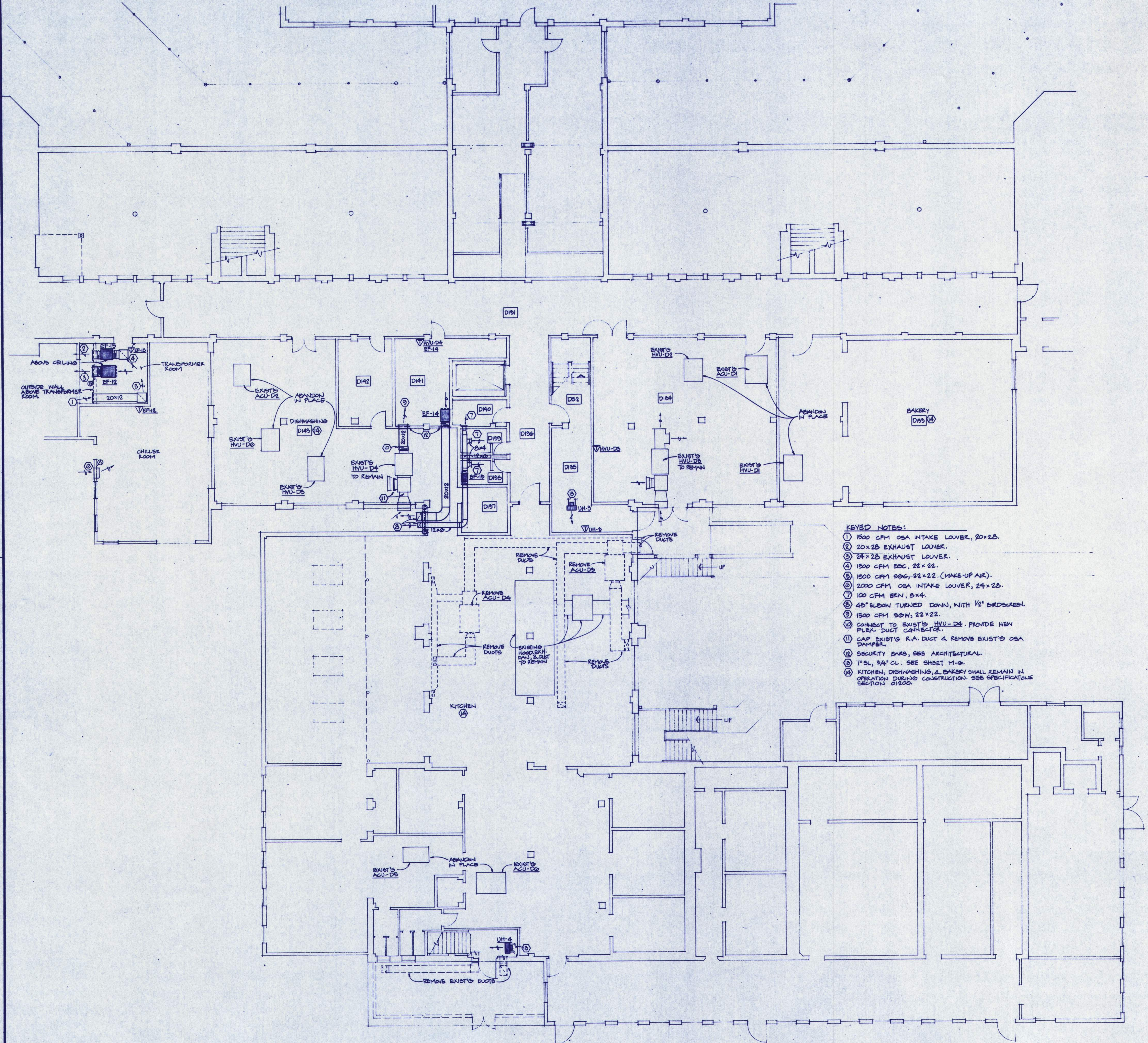
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DATE 8 JULY 85
JOB 801 #4

M-2



- KEYED NOTES:**
- ① 1500 CFM OSA INTAKE LOUVER, 20x28.
 - ② 20x28 EXHAUST LOUVER.
 - ③ 24x28 EXHAUST LOUVER.
 - ④ 1500 CFM ESC, 22x22.
 - ⑤ 1500 CFM SSC, 22x22. (MAKE-UP AIR).
 - ⑥ 2000 CFM OSA INTAKE LOUVER, 24x28.
 - ⑦ 100 CFM ERN, 8x4.
 - ⑧ 45° ELBOW TURNED DOWN, WITH 1/2" BIRDSCREEN.
 - ⑨ 1500 CFM SCW, 22x22.
 - ⑩ CONNECT TO EXIST'G HVU-D4. PROVIDE NEW FLEX. DUCT CONNECTOR.
 - ⑪ CAP EXIST'G R.A. DUCT & REMOVE EXIST'G OSA DAMPER.
 - ⑫ SECURITY BARS, SEE ARCHITECTURAL.
 - ⑬ 1" SL, 3/4" CL. SEE SHEET M-6.
 - ⑭ KITCHEN, DISHWASHING, & BAKERY SHALL REMAIN IN OPERATION DURING CONSTRUCTION. SEE SPECIFICATIONS SECTION 01200.

D1 AIR CONDITIONING PLAN
1/8" = 1'-0"
SOUTH



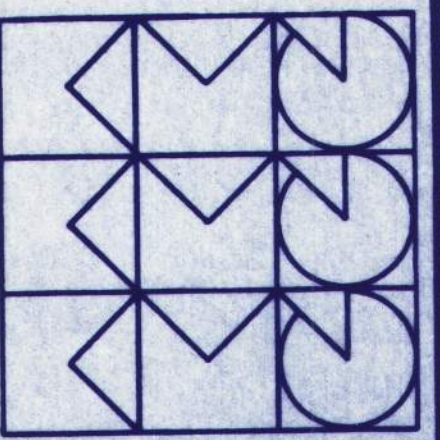
D1 SOUTH



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CORRECTION CONSULTANT
BALLAR, TEXAS

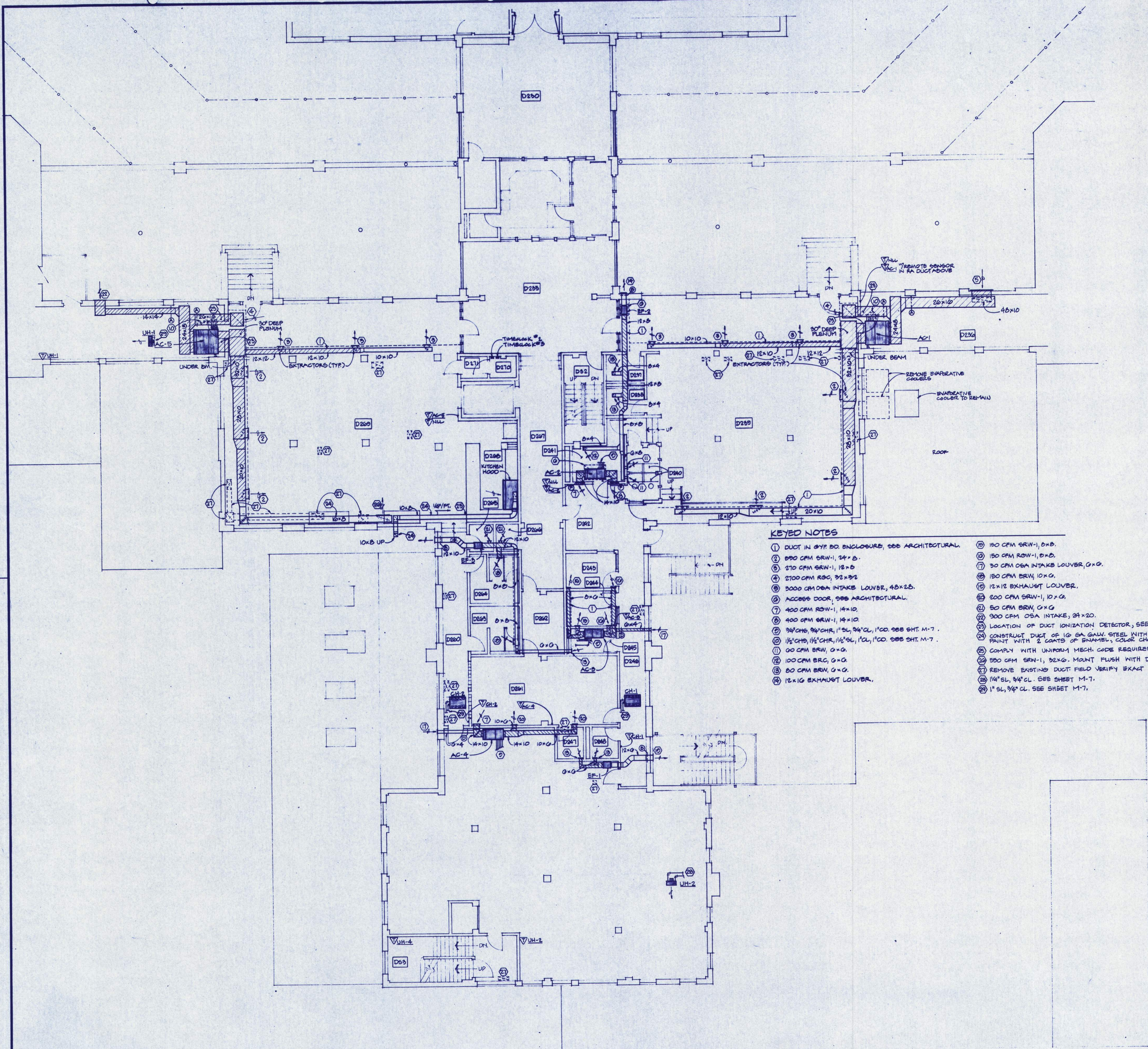
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JOB eci #4

M-3



KEYED NOTES

- ① DUCT IN GYP. DR. ENCLOSURE, SEE ARCHITECTURAL.
- ② 890 CFM SRW-1, 24" x 24".
- ③ 270 CFM SRW-1, 12" x 24".
- ④ 2700 CFM RDC, 32" x 32".
- ⑤ 3000 CFM OSA INTAKE LOUVER, 48" x 28".
- ⑥ ACCESS DOOR, SEE ARCHITECTURAL.
- ⑦ 400 CFM ROW-1, 14" x 10".
- ⑧ 400 CFM SRW-1, 14" x 10".
- ⑨ 3/8" CHS, 3/4" CHR, 1" SL, 3/4" CL, 1" CO. SEE SHT. M-7.
- ⑩ 1/2" CHS, 1/2" CHR, 1/2" SL, 3/4" CL, 1" CO. SEE SHT. M-7.
- ⑪ 80 CFM BRW, 6" x 6".
- ⑫ 100 CFM BRG, 6" x 6".
- ⑬ 80 CFM BRW, 6" x 6".
- ⑭ 12" x 12" EXHAUST LOUVER.
- ⑮ 150 CFM SRW-1, 6" x 6".
- ⑯ 150 CFM ROW-1, 6" x 6".
- ⑰ 30 CFM OSA INTAKE LOUVER, 6" x 6".
- ⑱ 150 CFM BRW, 10" x 6".
- ⑲ 12" x 12" EXHAUST LOUVER.
- ⑳ 800 CFM SRW-1, 10" x 6".
- ㉑ 80 CFM BRW, 6" x 6".
- ㉒ 300 CFM OSA INTAKE, 24" x 20".
- ㉓ LOCATION OF DUCT IONIZATION DETECTOR, SEE ELECTRICAL.
- ㉔ CONSTRUCT DUCT OF 16 GA. GALV. STEEL WITH WELDED JOINTS. PAINT WITH 2 COATS OF ENAMEL, COLOR CHOOSE BY ARCHITECT.
- ㉕ COMPLY WITH UNIFORM MECH. CODE REQUIREMENTS FOR TYPE 1 HOOD.
- ㉖ 580 CFM SRW-1, 32" x 6". MOUNT FLUSH WITH DUCT.
- ㉗ REMOVE EXISTING DUCT FIELD VERIFY EXACT SIZE.
- ㉘ 1/4" SL, 3/4" CL. SEE SHEET M-7.
- ㉙ 1" SL, 3/4" CL. SEE SHEET M-7.

D2 SOUTH



D2 AIR CONDITIONING PLAN
1/8" = 1'-0"
SOUTH





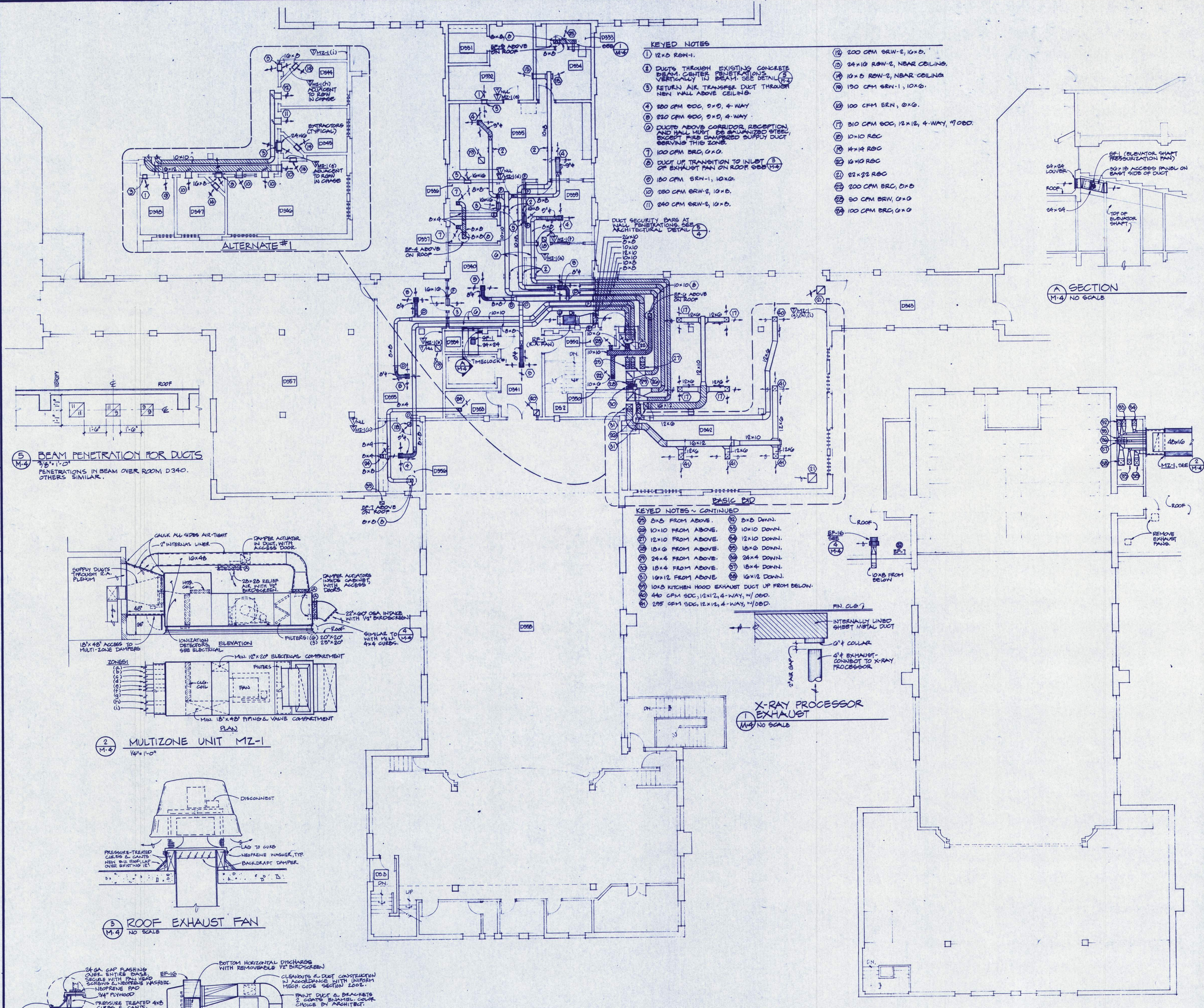
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CONNECTION CONSULTANT
DALLAS, TEXAS

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M-4



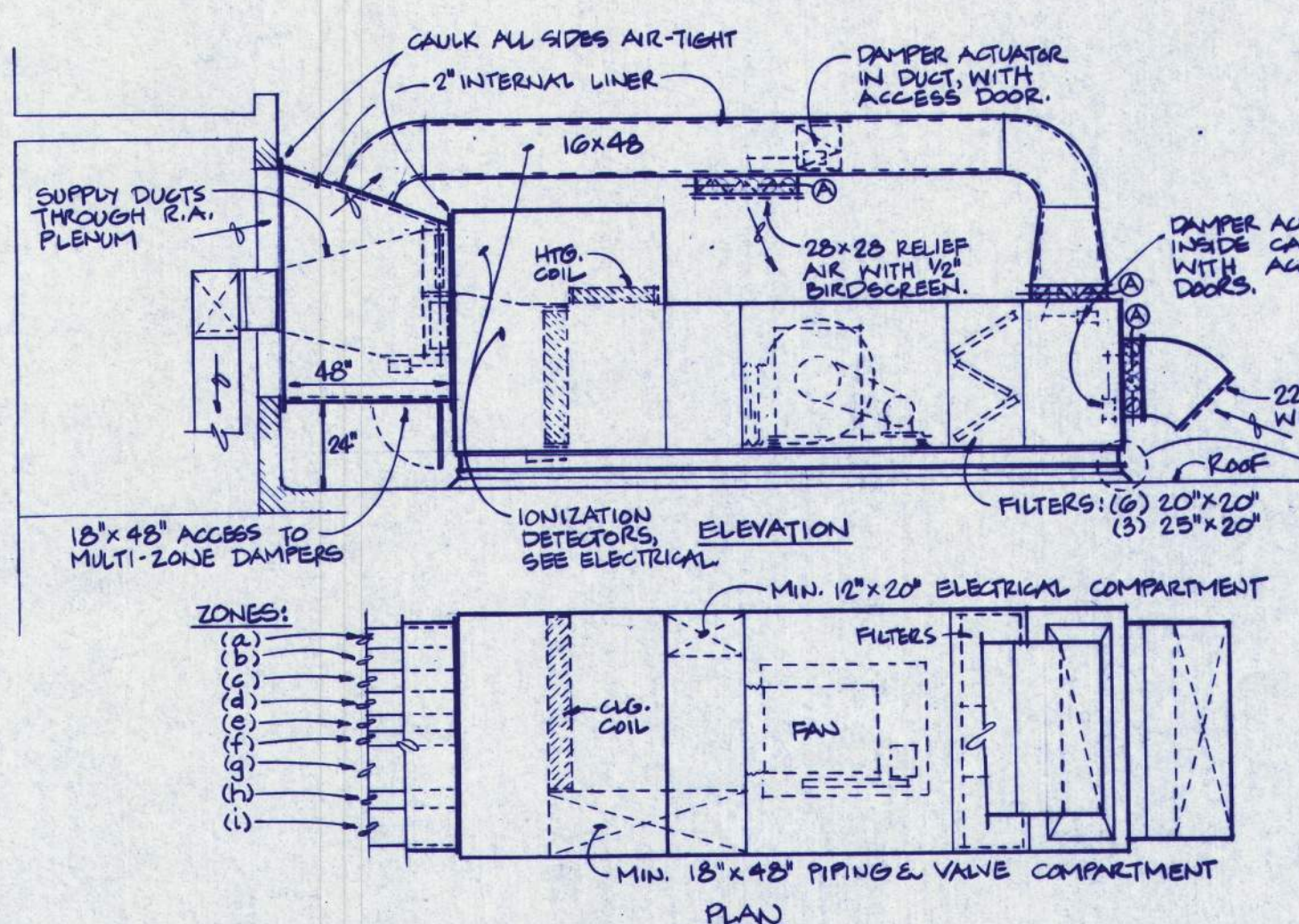
KEYED NOTES

- 1 12x0 RSN-1.
- 2 DUCTS THROUGH EXISTING CONCRETE BEAM CENTER PENETRATIONS, VERTICALLY IN BEAM. SEE DETAIL (M-4) 5.
- 3 RETURN AIR TRANSFER DUCT THROUGH NEW WALL ABOVE CEILING.
- 4 200 CFM EDC, 8x0, 4-WAY.
- 5 220 CFM EDC, 8x0, 4-WAY.
- 6 DUCTS ABOVE CORRIDOR RECEPTION, AND HALL MUST BE GALVANIZED STEEL, EXCEPT FIBER GLASS SUPPLY DUCT SERVING THIS ZONE.
- 7 100 CFM ERC, 6x0.
- 8 DUCT UP TRANSITION TO INLET OF EXHAUST FAN ON ROOF. SEE (M-4) 4.
- 9 180 CFM SRN-1, 10x0.
- 10 200 CFM SRN-2, 10x0.
- 11 240 CFM SRN-2, 10x0.
- 12 200 CFM SRN-2, 10x0.
- 13 24x10 RSN-2, NEAR CEILING.
- 14 10x0 RSN-2, NEAR CEILING.
- 15 190 CFM SRN-1, 10x0.
- 16 100 CFM ERN, 8x0.
- 17 310 CFM EDC, 12x12, 4-WAY, 1700D.
- 18 10x10 RSC
- 19 14x14 RSC
- 20 16x10 RSC
- 21 22x22 RSC
- 22 200 CFM ERC, 8x0
- 23 80 CFM BRW, 6x0
- 24 100 CFM ERC, 6x0

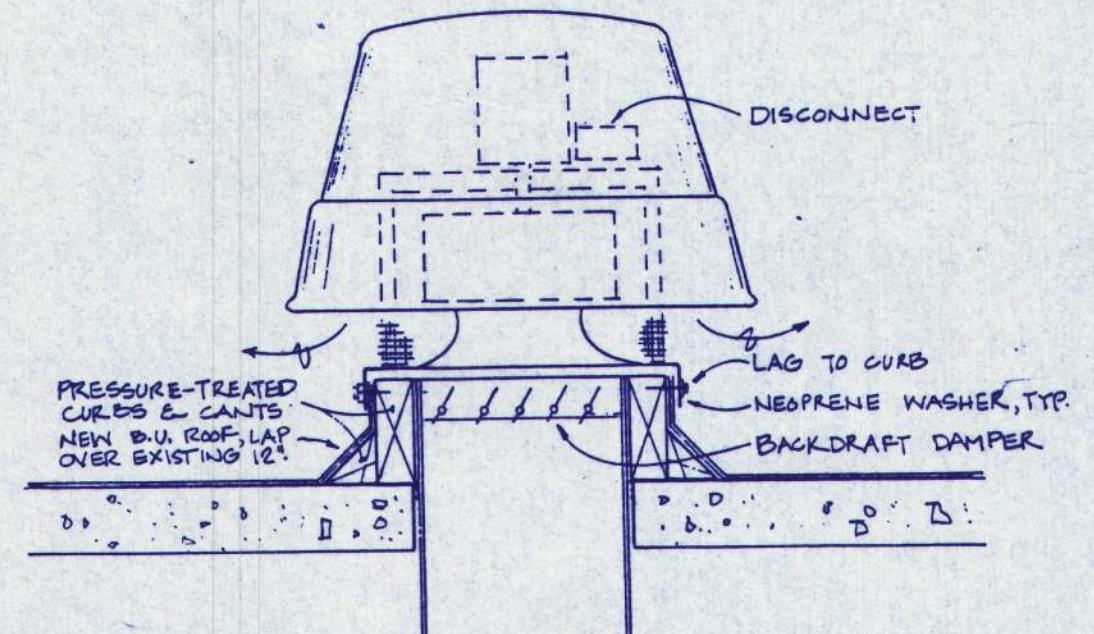
KEYED NOTES - CONTINUED

- 25 8x8 FROM ABOVE.
- 26 10x10 FROM ABOVE.
- 27 12x10 FROM ABOVE.
- 28 15x6 FROM ABOVE.
- 29 24x4 FROM ABOVE.
- 30 18x4 FROM ABOVE.
- 31 10x12 FROM ABOVE.
- 32 10x8 KITCHEN HOOD EXHAUST DUCT UP FROM BELOW.
- 33 440 CFM SDG, 12x12, 4-WAY, 1700D.
- 34 295 CFM SDG, 12x12, 4-WAY, 1700D.
- 35 8x8 DOWN.
- 36 10x10 DOWN.
- 37 12x10 DOWN.
- 38 15x6 DOWN.
- 39 24x4 DOWN.
- 40 18x4 DOWN.
- 41 10x12 DOWN.

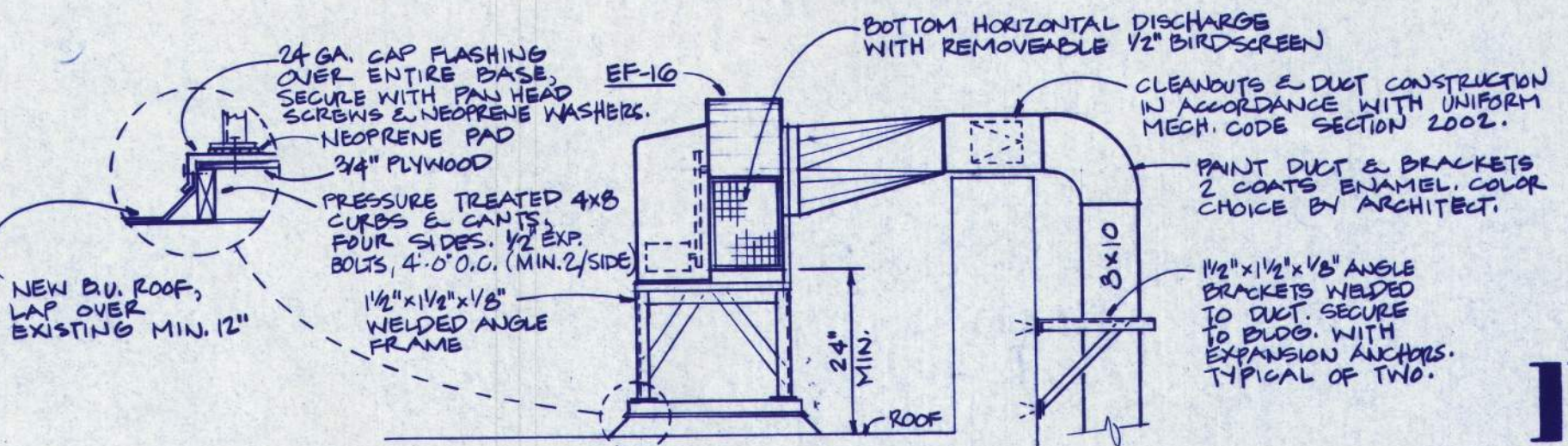
(M-4) 5 BEAM PENETRATION FOR DUCTS
3/8" x 1'-0"
PENETRATIONS IN BEAM OVER ROOM D340. OTHERS SIMILAR.



(M-4) 2 MULTIZONE UNIT MZ-1
1/4" = 1'-0"



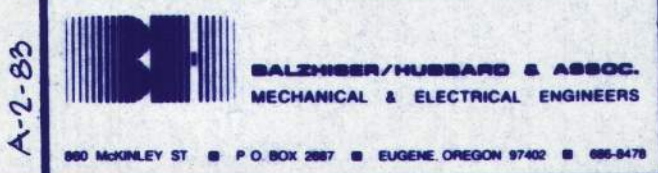
(M-4) 3 ROOF EXHAUST FAN
NO SCALE



(M-4) 4 KITCHEN HOOD EXHAUST FAN
NO SCALE

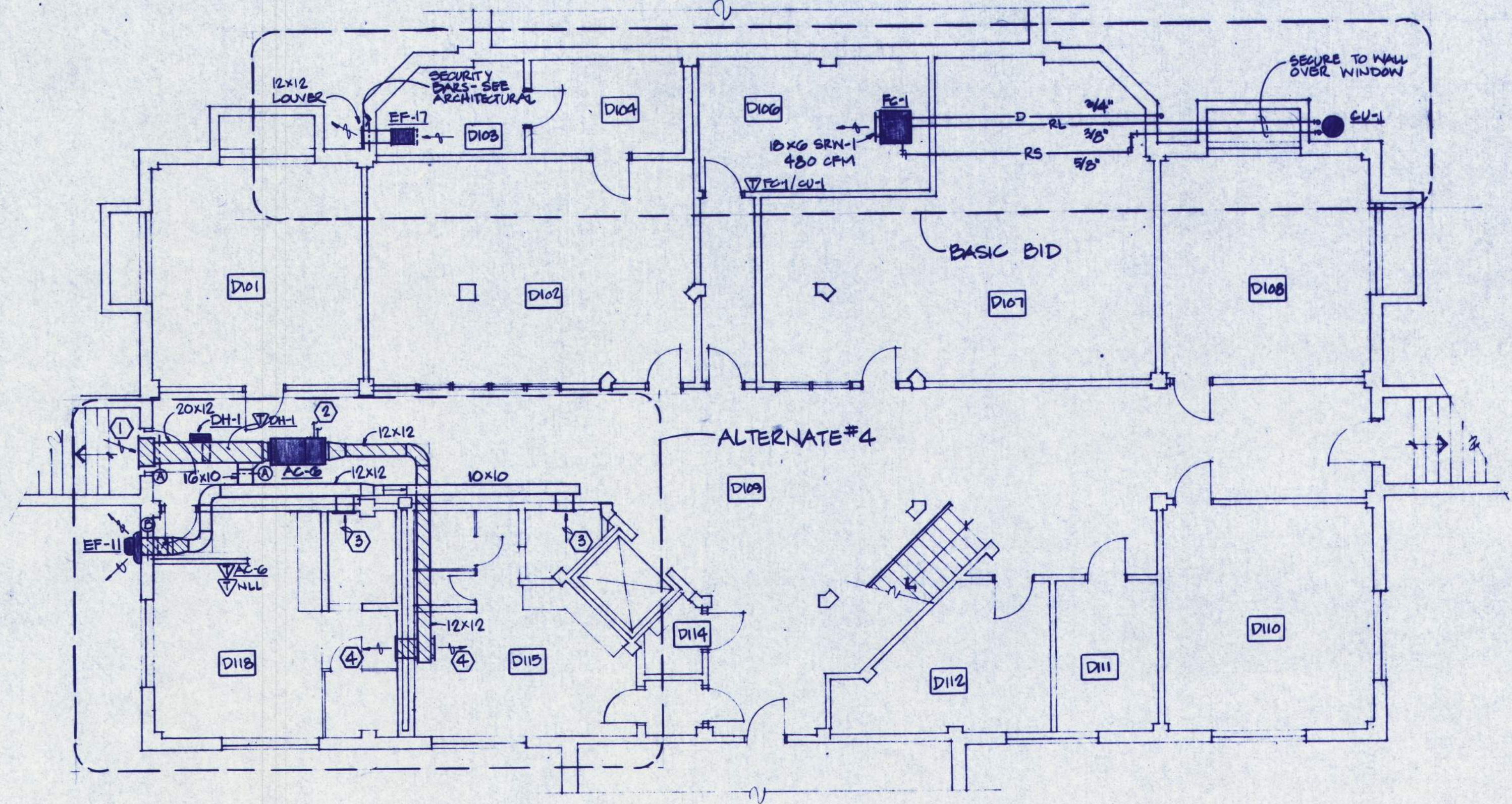
D5 AIR CONDITIONING PLAN
1/8" = 1'-0"
SOUTH

D4 AIR CONDITIONING PLAN
1/8" = 1'-0"
SOUTH



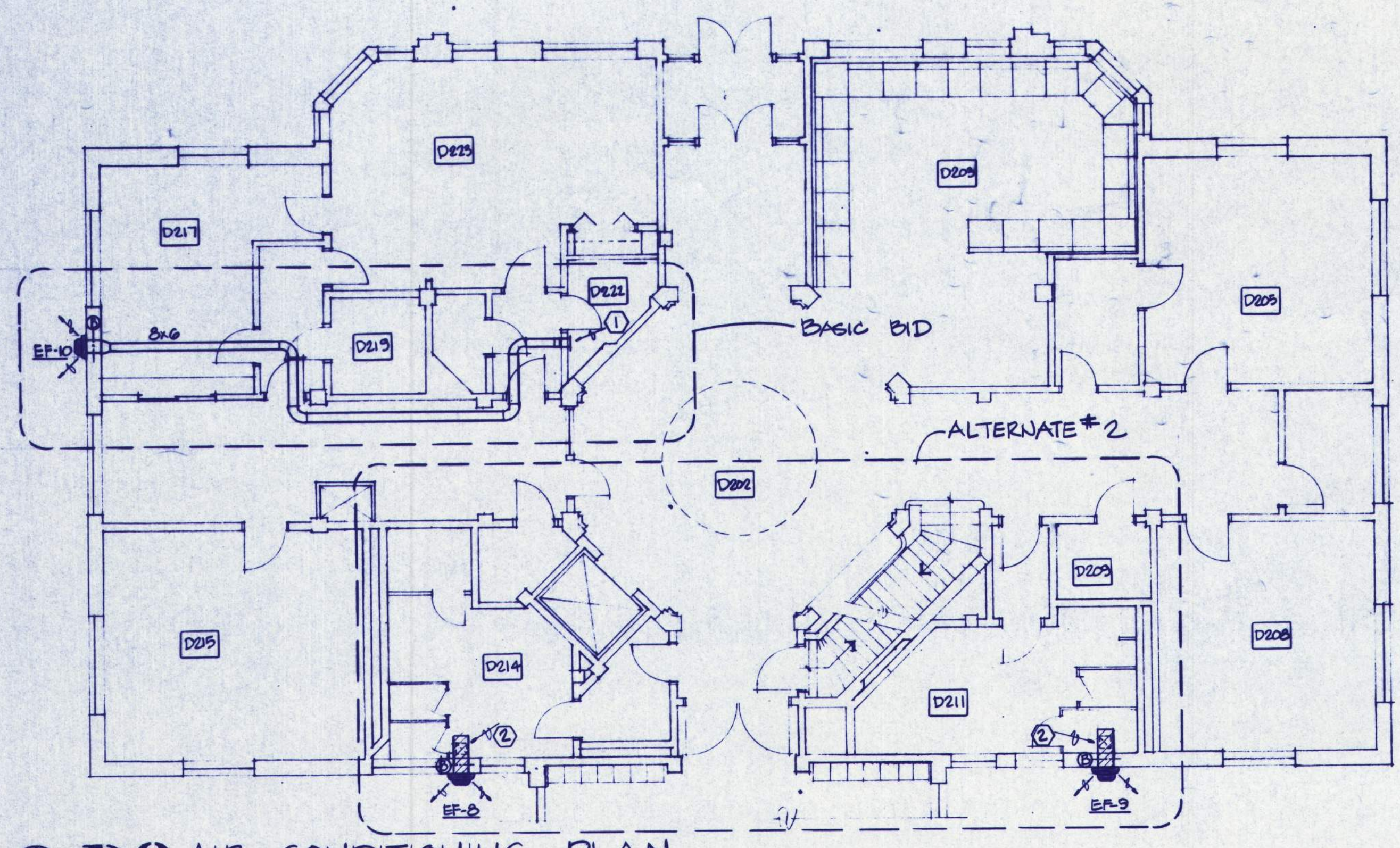


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Herrington, Durham & Richardson
DALLAS, TEXAS



D1 AIR CONDITIONING PLAN
1/8" = 1'-0"
NORTH

- KEYED NOTES
- 1 800 CFM OSA INTAKE LOUVER, 28x20.
 - 2 1Psi, 3/4" CL. SEE SHEET M-9.
 - 3 400 CFM ERN, 18x8.
 - 4 400 CFM SRN-1, 18x8.



D2 AIR CONDITIONING PLAN
1/8" = 1'-0"
NORTH

- KEYED NOTES
- 1 150 CFM ERN, 8x8.
 - 2 250 CFM ERG, 10x10.

CODE	FIXTURE	PLUMBING CONNECTIONS				FIXTURE MANUFACTURER	FIXTURE MODEL	SCHEDULE DESCRIPTION AND FITTINGS
		W	V	HN	CR			
P-1	WATER CLOSET	4"	2"	-	1"	KOHLER	K-4430-ET	WALL MOUNTED, TOP SPUD, VITREOUS CHINA, SIPHON JET, WITH SLOAN ROYAL 1/2" S FLUSH VALVE, OLSONITE TO CC WHITE SEAT, COMMERCIAL CARRIER.
P-2	WATER CLOSET	4"	2"	-	1"			SAME AS P-1, EXCEPT MOUNTED AT HANDICAPPED HEIGHT.
P-3	WATER CLOSET	4"	2"	-	1"		K-4430-ER	BACK OUTLET, ANGLE BACK S. BASE, INTERNAL SEAT, BACK SPUD, VITREOUS CHINA, WITH SLOAN ROYAL 1/2" FLUSH VALVE IN ACCESSIBLE CHASE SECURED TO FLOOR WITH TAMPER-RESISTANT EXPANSION ANCHORS.
P-4	URINAL	2"	1 1/2"	-	3/4"		K-4920-T	WALL MOUNT, TOP SPUD, VITREOUS CHINA, WASHOUT, WITH SLOAN ROYAL 1/2" FLUSH VALVE, COMMERCIAL CARRIER.
P-5	URINAL	2"	1 1/2"	-	1"		K-5014-T	WALL MOUNT, TOP SPUD, VITREOUS CHINA, ELONGATED, SIPHON JET, WITH SLOAN ROYAL 1/2" FLUSH VALVE, MOUNT AT HANDICAPPED HEIGHT, COMMERCIAL CARRIER.
P-6	LAVATORY	1 1/2"	1 1/4"	1/2"	1/2"		K-2032	WALL MOUNT, VITREOUS CHINA, 20"x18" OVERALL, CONCEALED AEM CARRIER, WITH SYMMONS 5-80-0 FAUCET & GRID STRAINER.
P-7	LAVATORY	1 1/2"	1 1/4"	1/2"	1/2"		K-2475-A	VITREOUS CHINA, WALL MOUNT, BUILT-IN SPOUT & BUBBLER, WITH SLOAN ROYAL 1/2" FLUSH VALVE SET (2 VALVES), TRAP IN ACCESSIBLE CHASE.
P-8	LAVATORY	1 1/2"	1 1/4"	1/2"	1/2"		K-2900	COUNTER MOUNT, OVERALL 16"x19" ENAMELED CAST IRON, WITH METAL FIN, SYMMONS 5-80-0 FAUCET & GRID STRAINER.
P-9	SINK	2"	1 1/2"	1/2"	1/2"	JUST	SEL-135-A-GR	COUNTER MOUNT, STAINLESS STEEL, 18 GA, 15"x8", WITH CHICAGO # 895-911 GOOSENECK SPOUT WITH WEIR BLADE HANDS AND GRID STRAINER.
P-10	SINK	2"	1 1/2"	1/2"	1/2"			SAME AS P-9, EXCEPT WITH CHICAGO # 895 GOOSENECK SPOUT AND REMOVABLE BASKET STRAINER.
P-11	SINK	2"	1 1/2"	1/2"	1/2"		SL-209-A-GR	COUNTER MOUNT, STAINLESS STEEL, 18 GA, 20"x9", WITH CHICAGO #1100 FAUCET AND REMOVABLE BASKET STRAINER.
P-12	SINK	2"	1 1/2"	1/2"	1/2"			OWNER PROVIDED SINK, CONTRACTOR INSTALLED, PROVIDE CHICAGO # 1100 FAUCET AND REMOVABLE BASKET STRAINER.
P-13	SINK	2"	1 1/2"	1/2"	1/2"	JUST	SL-209-A-GR	SAME AS P-11, EXCEPT CHICAGO # 785-E3 FAUCET AND GRID STRAINER.
P-14	MOP SINK	3"	2"	1/2"	1/2"	KOHLER	K-6710	FLOOR MOUNTED (CORNER), ENAMELED CAST IRON, WITH CHICAGO # 380-R-VFC FAUCET AND GRID STRAINER SPT WELDED IN PLACE.
P-15	SHOWER	-	-	1/2"	1/2"	ACORN	451W-D-0-F3	WALL MOUNT, 16 GAUGE STAINLESS STEEL, SOAP DISH, 30PM FLOW CONTROL, HOT & COLD HANDLE MIXING VALVE WITH STOPS.
P-16	SHOWER	-	-	1/2"	(T)	ACORN	451W-RD-0-F3-HC-0-D	WALL MOUNT, 16 GAUGE STAINLESS STEEL, RECESSED SOAP DISH, 30PM FLOW CONTROL, SINGLE PUSH BUTTON METERING VALVE & STOP, OVERSEER VALVE, QUICK DISCONNECT, 5 FT FLEXIBLE HOSE WITH HAND SHOWER & WALL BRACKET.
P-17	PIER BATH	2"	1 1/2"	1/2"	1/2"	KOHLER	K-12530-9/K-12594	ENAMELED CAST IRON, 5 1/2" LONG, 30" WIDE, 17" DEEP, 10" HIGH ENAMELED CAST IRON BASE, SLIP RESISTANT BOTTOM, WITH OVERFLOW, 1 1/2" S FAUCET AND POP-UP WASTE WITH OVERFLOW.
P-18	THERMOSTATIC MIXING VALVE	-	-	1/2"	1/2"	LEONARD	TM 450	FOR EXPOSED PIPE INSTALLATION, CHROME PLATED, CHECKSTOPS, SHUTOFF VALVE, THERMOMETER, MIXING VALVE & VACUUM BREAKER IN A FACTORY ASSEMBLED PACKAGE. 6 GPM @ 45 PSI DROP.
P-19	THERMOSTATIC MIXING VALVE	-	-	3/4"	3/4"	LEONARD	TM-50	THERMOSTATIC, TEMPERATURE & PRESSURE COMPENSATING, 80 GPM @ 45 PSI DROP, WITH CHECK VALVES, STRAINERS, & STOPS AT INLETS. SAFETY STOP SET AT 120°F.
P-20	THERMOSTATIC MIXING VALVE	-	-	1/2"	1/2"	LEONARD	M-15-E	THERMOSTATIC, TEMPERATURE & PRESSURE COMPENSATING, 15 GPM @ 45 PSI DROP, WITH CHECK VALVES, STRAINERS, & STOPS AT INLETS. SAFETY STOP SET AT 110°F.
P-21	FLOOR SINK	2"	-	-	-	COMMERCIAL ENAMELING	904-2	8 3/4" x 8 3/4" x 10" ENAMELED CAST IRON, WITH 3/4" TOP GRATE. PROVIDE PRIMER CONNECTION AT TRAP.
DF	DRINKING FOUNTAIN	1 1/4"	1 1/4"	-	1/2"	HANS	2200	SEM-1 RECESSED, VITREOUS CHINA, TAMPER RESISTANT BOTTOM PLATE, HANS 5708 BUBBLER, HANS 5871 PUSH BUTTON VALVE.
FD	FLOOR DRAIN	SEE PLANS	-	-	-	JAY R. SMITH	2005-S-U	COATED CAST IRON BODY, FLASHING COLLAR, PRIMER CONNECTION, 5"x5" NICKEL BRONZE STRAINER, SECURED WITH TAMPER-RESISTANT SCREENS. PROVIDE JAY R. SMITH # 3000 FUNNEL WHERE NOTED ON PLANS.
AD	AREA DRAIN	SEE PLANS	-	-	-	JAY R. SMITH	2475-U	CAST IRON BODY & GRATE, HINGED GRATE, SEDIMENT BUCKET.

UNIT	LOCATION	HEATING CAPACITY BTU/HR, 2 PSI STEAM	CFM	MFR. MODEL #
UH-1	CORRIDOR WEST OF STAFF DINING	20,000	310	TRANE 20-S2
UH-2	FUTURE CHAPEL	30,700	544	TRANE 30-S
UH-3	ROOM D105	17,900	280	TRANE 18-S
UH-4	STAIR D53	20,000	310	TRANE 20-S2

UNIT	LOCATION	HEATING CAPACITY BTU/HR, 2 PSI STEAM	CFM	MFR. MODEL #
CH-1	CORRIDOR D240	26,900	300	TRANE D46 B0 03
CH-2	CORRIDOR D260	26,900	300	TRANE D46 B0 03

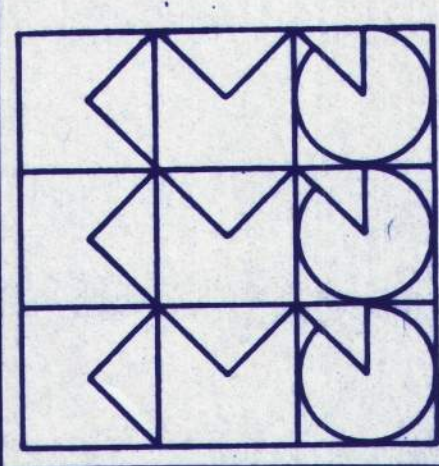
UNIT	LOCATION	AREA SERVED	CFM	TSP 1/2" WG	MOTOR HP	VOLTS/PHASE	HEATING COIL (2 PSI STEAM)				COOLING COIL (45°F EWT)				MIN % OSA	FACE MODEL #	
							EAT °F@B	LAT °F@B	BTU/HR	AIR ΔP	EAT °F@B	LAT °F@B	BTU/HR	AIR ΔP			
MZ-1	ROOF	FLOOR D5 (MEDICAL)	5,460	1.5	5	208/3	55°	96°	234,400	.25	87°	55°	104,000	.25	37	10	A-10 FAN A-20 CABINET
AC-1	ROOM DESG	VISITING (D239)	3,000	1.0	1 1/2	208/3	68°	94°	96,900	.25	80°	55°	79,000	.25	10	10	SCF 97-B FAN SCF 114-B CAB SCF 57-A FAN SCF 63-A CAB
AC-2	D241	D242	400	1.0	1/4	115/1	68°	95°	11,400	.25	78°	55°	9,700	.25	2	-	SCF 57-A FAN SCF 63-A CAB
AC-3	D245	INTERVIEW (D243, D244)	300	.75	1/6	115/1	68°	90°	8,500	.25	80°	55°	7,100	.25	2	10	SCF 52-A
AC-4	FUTURE CHAPEL	PAROLE BD. (D281)	400	1.0	1/4	115/1	68°	90°	11,400	.25	80°	55°	10,500	.25	2	10	SCF 57-A FAN SCF 63-A CAB
AC-5	CORRIDOR STAFF DINING	STAFF DINING (D26A)	3,000	1.0	1 1/2	208/3	40°	91°	101,500	.25	83°	55°	88,500	.25	10	10	SCF 97-B FAN SCF 114-B CAB
AC-6	D105	STAFF LOCKERS (D10 & D15)	800	1.0	1/2	208/3	60°	92°	27,000	.25	SPACE FOR FUTURE CLG. COIL				100	100	SCF 77-A FAN SCF 85-A CAB
RF-1	D341	FLOOR D5 (MEDICAL)	2,510	.25	1/2	208/1					NOT APPLICABLE					CARNES VISA 15-PS	
EF-1	D354	ELEVATOR SHAFT	2,013	.50	1/3	115/1					NOT APPLICABLE					CARNES LMDA 20	

UNIT	CFM	SP WG	HP	VOLTS/PHASE	MFR./MODEL #
EF-1	160	3/8	.025	115/1	CARNES V10B 00-B2
EF-2	305	5/8	1/20		V10B 08-F2
EF-3	480	3/4	1/12		V10B 10-F2
EF-4	190	1/2	.025		VEDB 00-152
EF-5	190	1/2	.025		VEDB 00-B2
EF-6	450	1/2	1/20		VEDB 08-F2
EF-7	190	1/2	.025		VEDB 00-B2
EF-8	285	1/2	1/20		VWDA 09-F2
EF-9	285	1/2	1/20		VWDA 09-F2
EF-10	155	1/4	.025		VWDA 00-B2
EF-11	1,500	3/4	1/4		V10B 15-L3
EF-12	2,000	1/2	1/3		V10B 18-M4
EF-13	305	5/8	1/20		V10B 08-F2
EF-14	1,500	3/4	1/4		V10B 15-L3
EF-15	900	1 1/8	1/2	208/3	PAGE U-12B
EF-16	800	1/2	1/4	115/1	CARNES VWDA 11-L2
EF-17	160	3/8	.025		V10B 00-B2

EASTERN OREGON CORRECTIONAL INSTITUTION
PENDLETON, OREGON

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JOB 801 #4

M-5



BALDWIN/HARRISON & ASSOC.
MECHANICAL & ELECTRICAL ENGINEERS

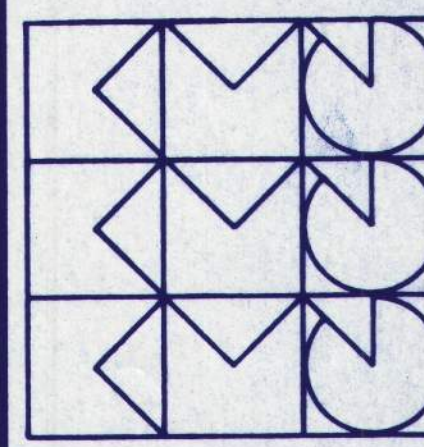
D1/D2 NORTH



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APPROVED
DRAWN
DATE 3 JULY 95
JOB 6-1-4d

M-7

KEYED NOTES - CONTINUED

- 20 1/2" CN, HW FROM BELOW TO P.12.
- 21 3/4" CN, HW FROM BELOW TO (2) P.14'S.
- 22 1/4" CN FROM BELOW TO (2) P.1'S.
- 23 3/4" CN, HW FROM BELOW TO (4) P.6'S.
- 24 1/4" CN FROM BELOW TO P.4 & P.1.
- 25 REMOVE EXISTING FINNED TUBE RADIATION.
- 26 REMOVE EXISTING PIPE. FIELD VERIFY SIZE.
- 27 HIGH TEMPERATURE SPRINKLER HEADS IN THIS AREA.
- 28 EXISTING FINNED TUBE RADIATION TO REMAIN. REMOVE EXISTING CONTROL VALVE AND INSTALL NEW SELF-CONTAINED THERMOSTATIC CONTROL VALVES. SEE SPECIFICATIONS SECTION 15050.
- 29 CONNECT TO NEW AC UNIT. SEE SHEET M-3.
- 30 2" SL FROM BELOW, 1/4" CL DOWN.
- 31 CONNECT NEW PIPES TO EXISTING 1" SL UP & 3/4" CL FROM ABOVE.
- 32 CONNECT NEW PIPES TO EXISTING 1/4" SL UP & 3/4" CL FROM ABOVE.
- 33 CONNECT NEW PIPES TO EXISTING 2" SL FROM BELOW & 1" CL DOWN.
- 34 KITCHEN HOOD FIRE EXTINGUISHING SYSTEM CONTROL PANEL. CONNECT TO BUILDING SPRINKLER SYSTEM & TO KITCHEN HOOD.
- 35 PROVIDE WET PIPE SPRINKLER COVERAGE OF KITCHEN HOOD EXHAUST DUCT WITHIN BUILDING. NO SPRINKLERS IN DUCT OUTSIDE BUILDING.
- 36 3/4" CHS FROM BELOW, 3/4" CHR DOWN.
- 37 1" CN, 3/4" HW FROM BELOW TO P.1 & P.6.
- 38 1" CD DOWN.
- 39 1/4" CN, 3/4" HW FROM BELOW TO (2) P.1'S & (2) P.6'S.
- 40 1" SL FROM BELOW, 3/4" CL DOWN.
- 41 CONNECT NEW PIPE TO EXISTING. FIELD VERIFY SIZE.
- 42 EXISTING PIPE TO REMAIN.
- 43 EXISTING 2" V IN WALL TO REMAIN. CAP ALL ABANDONED DRAINAGES.
- 44 REMOVE FIRE HOSE RACK & 2" RISER.
- 45 1/4" CN, 3/4" HW FROM BELOW TO (2) P.1'S & (2) P.6'S.
- 46 REMOVE ASBESTOS INSULATION FROM SUC CL BETWEEN FLOOR & FINNED-TUBE RADIATION. RE-INSULATE PER SPECIFICATIONS, WITH PROTECTIVE METAL JACKET.

KEYED NOTES

- 1 PIPE ABOVE SUSPENDED CEILING.
- 2 PIPE IN GYP. BD ENCLOSURE. SEE ARCHITECTURAL REFLECTED CEILING PLAN.
- 3 1" DN UP, 1/2" DIA. CN FROM ABOVE.
- 4 1/2" DIA. CN UP, 1" DN FROM ABOVE. COORDINATE WITH DENTAL CHAIR LOCATION.
- 5 4" W FROM ABOVE.
- 6 2" W FROM ED ABOVE.
- 7 2" W FROM P.17 ABOVE.
- 8 2" W FROM P.11 ABOVE.
- 9 REMOVE EXISTING 4" W. INSTALL NEW 4" W DOWN.
- 10 1/4" W FROM DE ABOVE.
- 11 4" W DOWN.
- 12 3" W FROM P.14 ABOVE.
- 13 EXISTING 2" W DOWN (INSTALLED UNDER PHASE 2 CHANGE ORDER).
- 14 4" W DOWN FROM ABOVE IN EXISTING WALL. CUT CLAY TILE AS REQUIRED.
- 15 2 1/2" SL UP FROM BELOW, 1/2" CL DOWN FROM ABOVE.
- 16 2" CHS UP FROM BELOW, 2" CHR DOWN FROM ABOVE.
- 17 2" CN, 1/4" HW UP FROM BELOW.
- 18 4" W DOWN (UNDER COUNTER).
- 19 4" N ABOVE FLOOR IN CHASE.
- 20 2" V FROM BELOW.
- 21 BOUNDARY OF D SOUTH FIRE SPRINKLER SYSTEM.
- 22 BOUNDARY OF D NORTH FIRE SPRINKLER SYSTEM (NOT IN CONTRACT).
- 23 PIPE(S) THROUGH EXISTING CONCRETE BEAM. CENTER PENETRATION(S) VERTICALLY IN BEAM.
- 24 TO SPRINKLER HEADS IN D2 SOUTH. PROVIDE FULL COVERAGE OF ALL ROOMS.
- 25 EXISTING 4" FIRE SPRINKLER RISER TO REMAIN.

D2 PIPING PLAN
1/8" = 1'-0"
SOUTH

A-2-95

BALDWIN/HUMBERG & ASSOC.
MECHANICAL & ELECTRICAL ENGINEERS

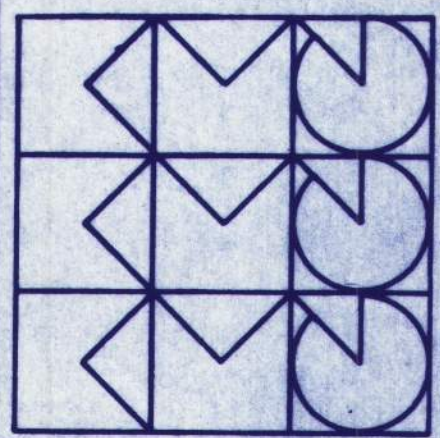
D2 SOUTH



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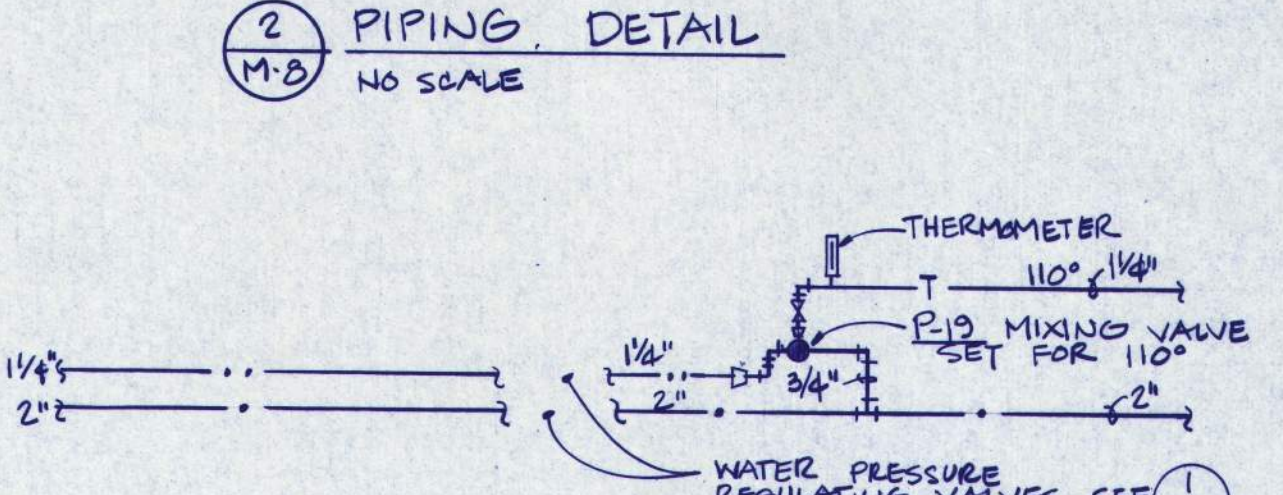
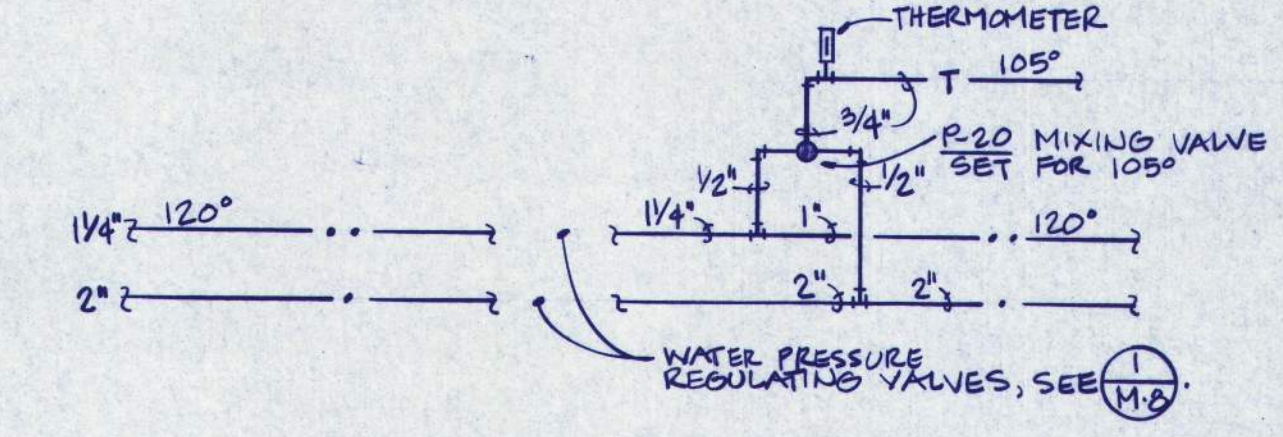
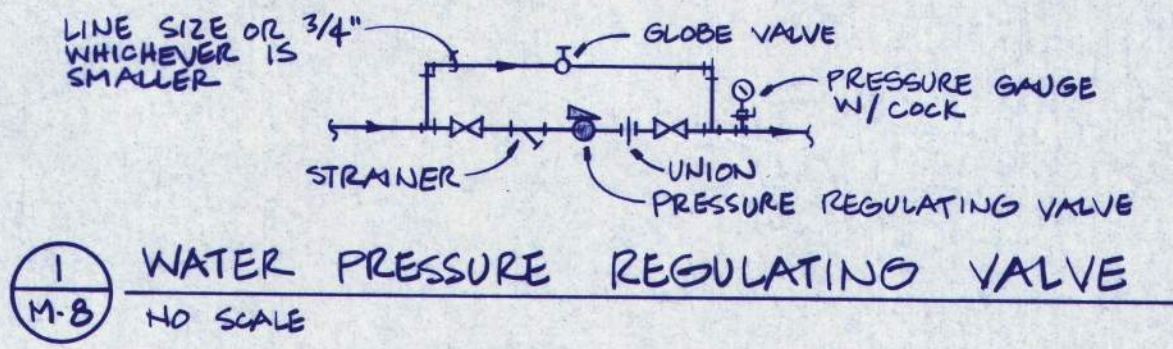
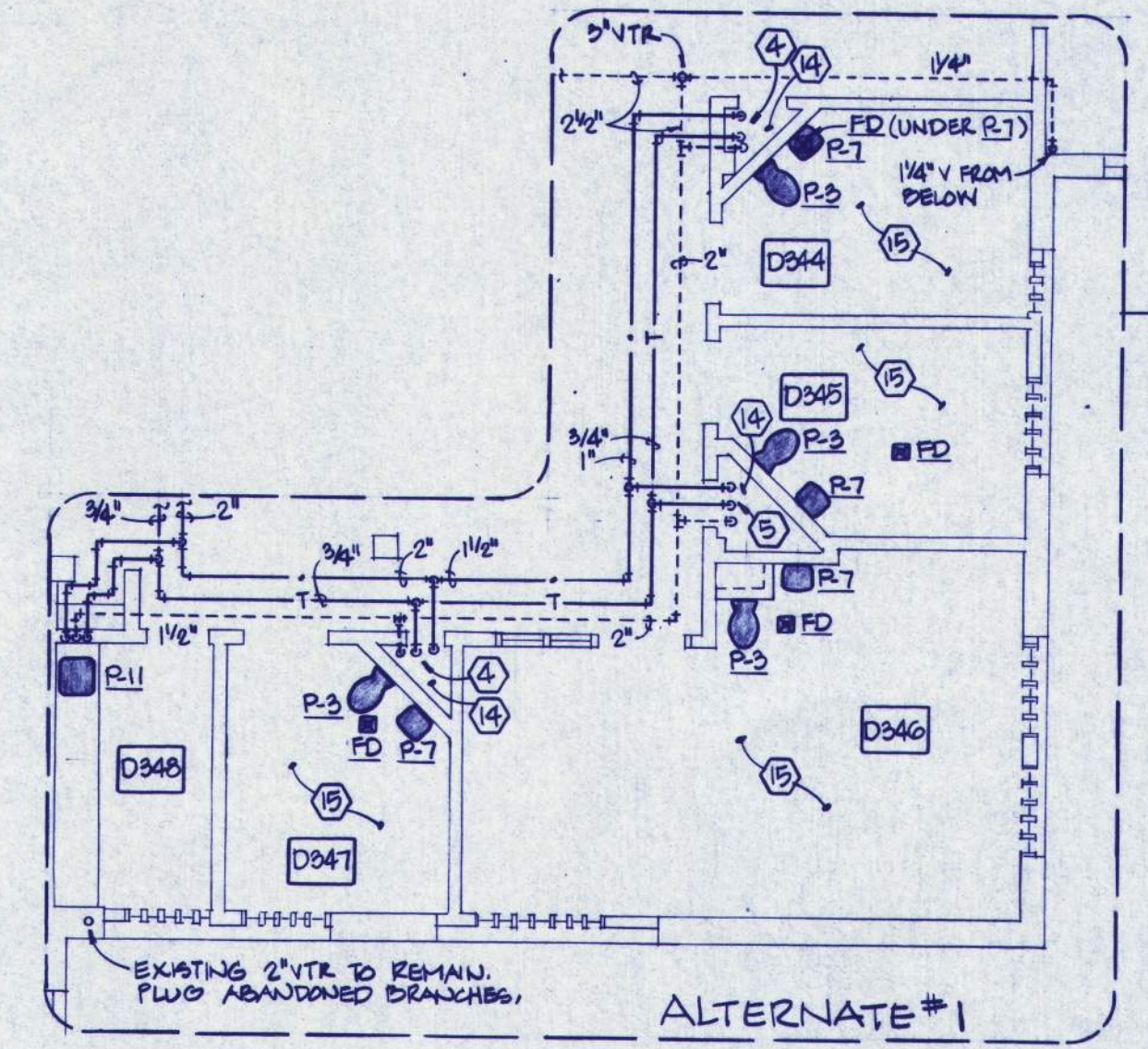
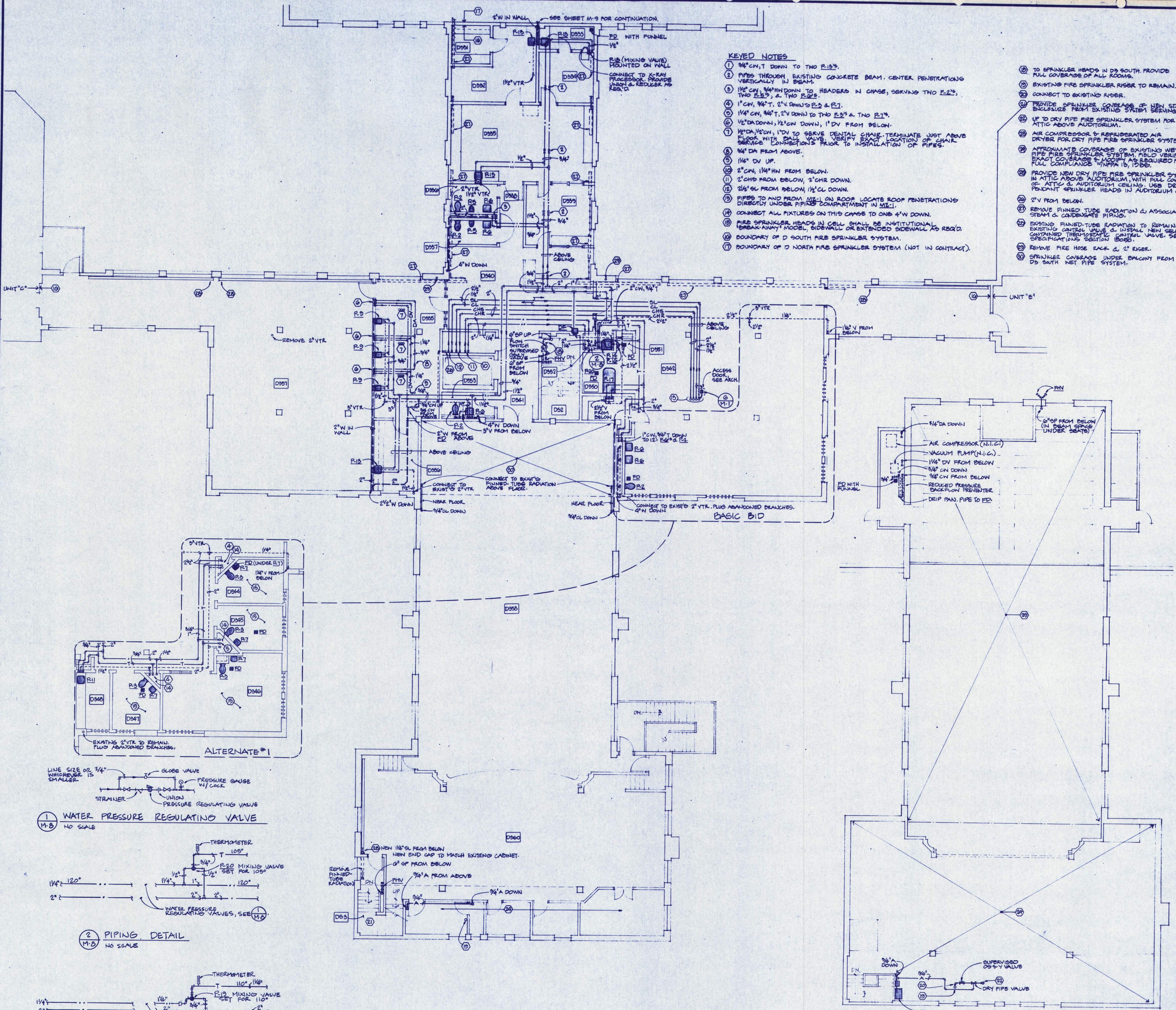
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M-8

KEYED NOTES

- 3/4" CN, T DOWN TO TWO R.12'S.
- PIPES THROUGH EXISTING CONCRETE BEAM. CENTER PENETRATIONS VERTICALLY IN BEAM.
- 1/2" CN, 3/4" IN DOWN TO HEADERS IN CHASE, SERVING TWO R.2'S, TWO R.3'S, & TWO R.2'S.
- 1" CN, 3/4" T, 2" N DOWN TO R.2 & R.1.
- 1/4" CN, 3/4" T, 2" N DOWN TO TWO R.2'S & TWO R.1'S.
- 1/2" DN DOWN, 1/2" CN DOWN, 1" DV FROM BELOW.
- 1/2" DN, 1/2" CN, 1" DV TO SERVE DENTAL CHAIR. TERMINATE JUST ABOVE FLOOR WITH BALL VALVE. VERIFY EXACT LOCATION OF CHAIR SERVICE CONNECTIONS PRIOR TO INSTALLATION OF PIPES.
- 3/4" DN FROM ABOVE.
- 1/4" DV UP.
- 2" CN, 1/4" IN FROM BELOW.
- 2" CHD FROM BELOW, 2" CHD DOWN.
- 2 1/2" SL FROM BELOW, 1 1/2" CL DOWN.
- PIPES TO AND FROM ME-1 ON ROOF LOCATE ROOF PENETRATIONS DIRECTLY UNDER PIPING COMPARTMENT IN ME-1.
- CONNECT ALL FIXTURES ON THIS CHASE TO ONE 4" W DOWN.
- FIRE SPRINKLER HEADS IN CELL SHALL BE INSTITUTIONAL BREAKAWAY MODEL, SIDEWALL OR EXTENDED SIDEWALL AS REQ'D.
- BOUNDARY OF D SOUTH FIRE SPRINKLER SYSTEM.
- BOUNDARY OF D NORTH FIRE SPRINKLER SYSTEM (NOT IN CONTRACT).

- TO SPRINKLER HEADS IN D3 SOUTH. PROVIDE FULL COVERAGE OF ALL ROOMS.
- EXISTING FIRE SPRINKLER RISER TO REMAIN.
- CONNECT TO EXISTING RISER.
- PROVIDE SPRINKLER COVERAGE OF NEW STAIR ENCLOSURE FROM EXISTING SYSTEM SERVING STAGE ATTIC ABOVE AUDITORIUM.
- UP TO DRY PIPE FIRE SPRINKLER SYSTEM FOR ATTIC ABOVE AUDITORIUM.
- AIR COMPRESSOR & REFRIGERATED AIR DRYER FOR DRY PIPE FIRE SPRINKLER SYSTEMS.
- APPROXIMATE COVERAGE OF EXISTING WET PIPE FIRE SPRINKLER SYSTEM. FIELD VERIFY EXACT COVERAGE & MODIFY AS REQUIRED FOR FULL COMPLIANCE WITH IFC, 1998.
- PROVIDE NEW DRY PIPE FIRE SPRINKLER SYSTEM IN ATTIC ABOVE AUDITORIUM, WITH FULL COVERAGE OF ATTIC & AUDITORIUM CEILING. USE DRY PONDANT SPRINKLER HEADS IN AUDITORIUM CEILING.
- 2" V FROM BELOW.
- REMOVE FINNED TUBE RADIATION & ASSOCIATED STEAM & CONDENSATE PIPING.
- EXISTING FINNED-TUBE RADIATION TO REMAIN. REMOVE EXISTING CONTROL VALVE & INSTALL NEW SELF-CONTAINED THERMOSTATIC CONTROL VALVE. SEE SPECIFICATIONS SECTION 5050.
- REMOVE FIRE HOSE RACK & 2" RISER.
- SPRINKLER COVERAGE UNDER BALCONY FROM D3 SOUTH NET PIPE SYSTEM.



D3 PIPING PLAN
1/8" = 1'-0"
SOUTH

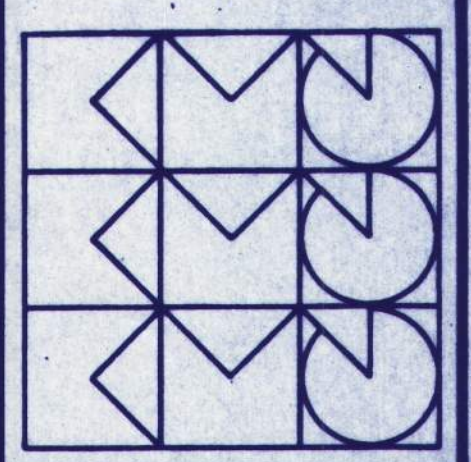
D4 PIPING PLAN
1/8" = 1'-0"
SOUTH



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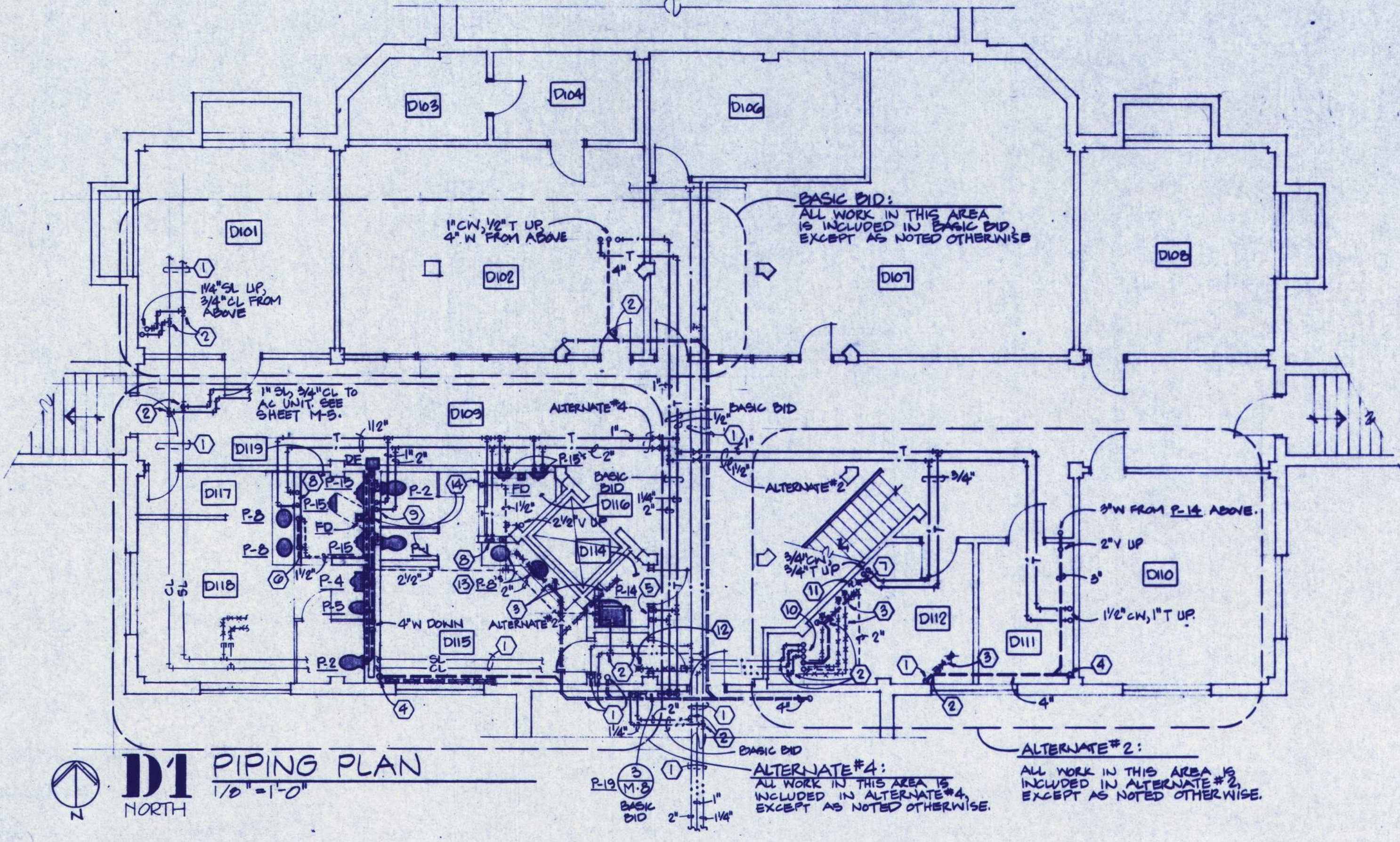
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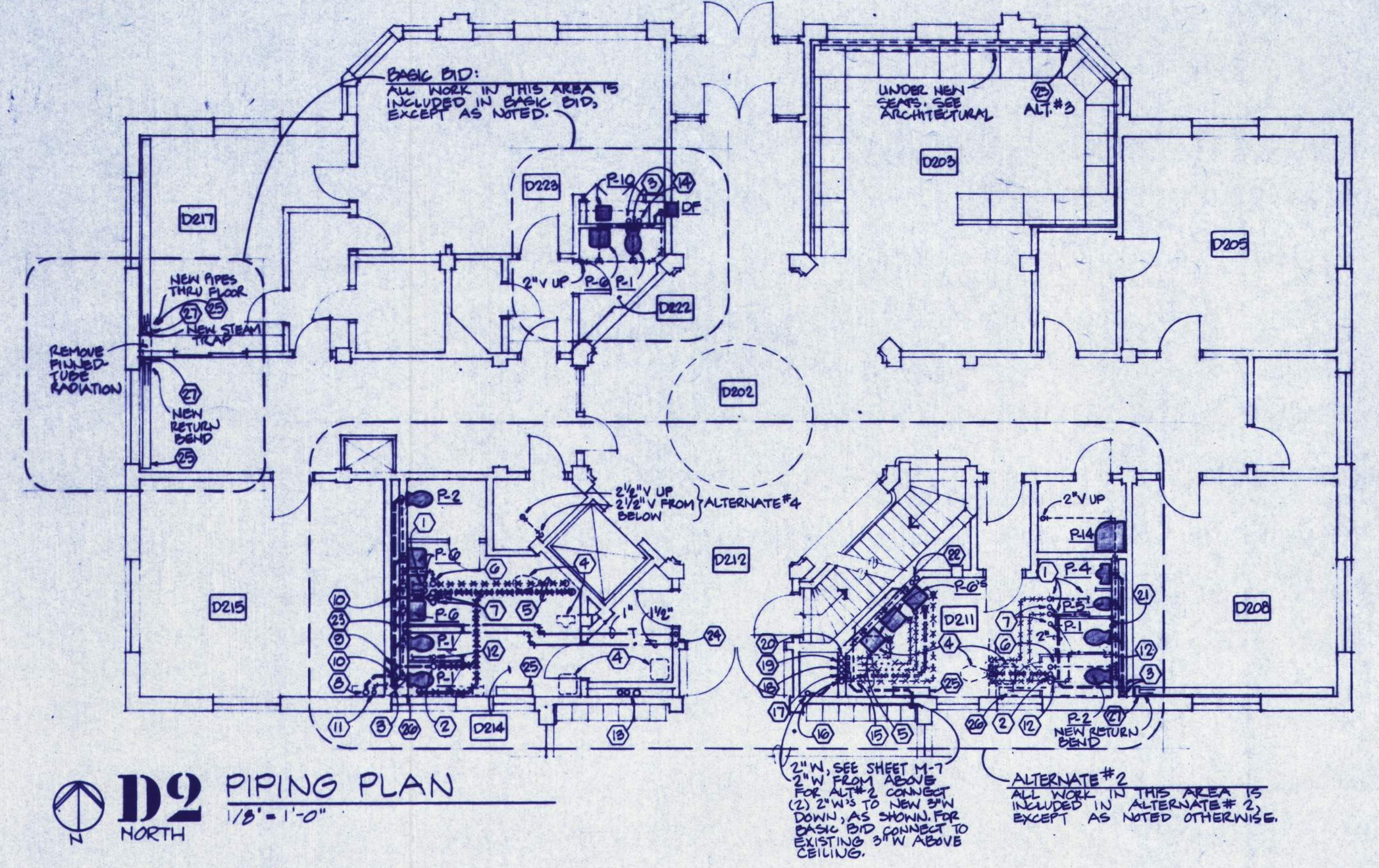
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8 JULY 85
S01 #4



D1 PIPING PLAN
1/8" = 1'-0"

KEYED NOTES

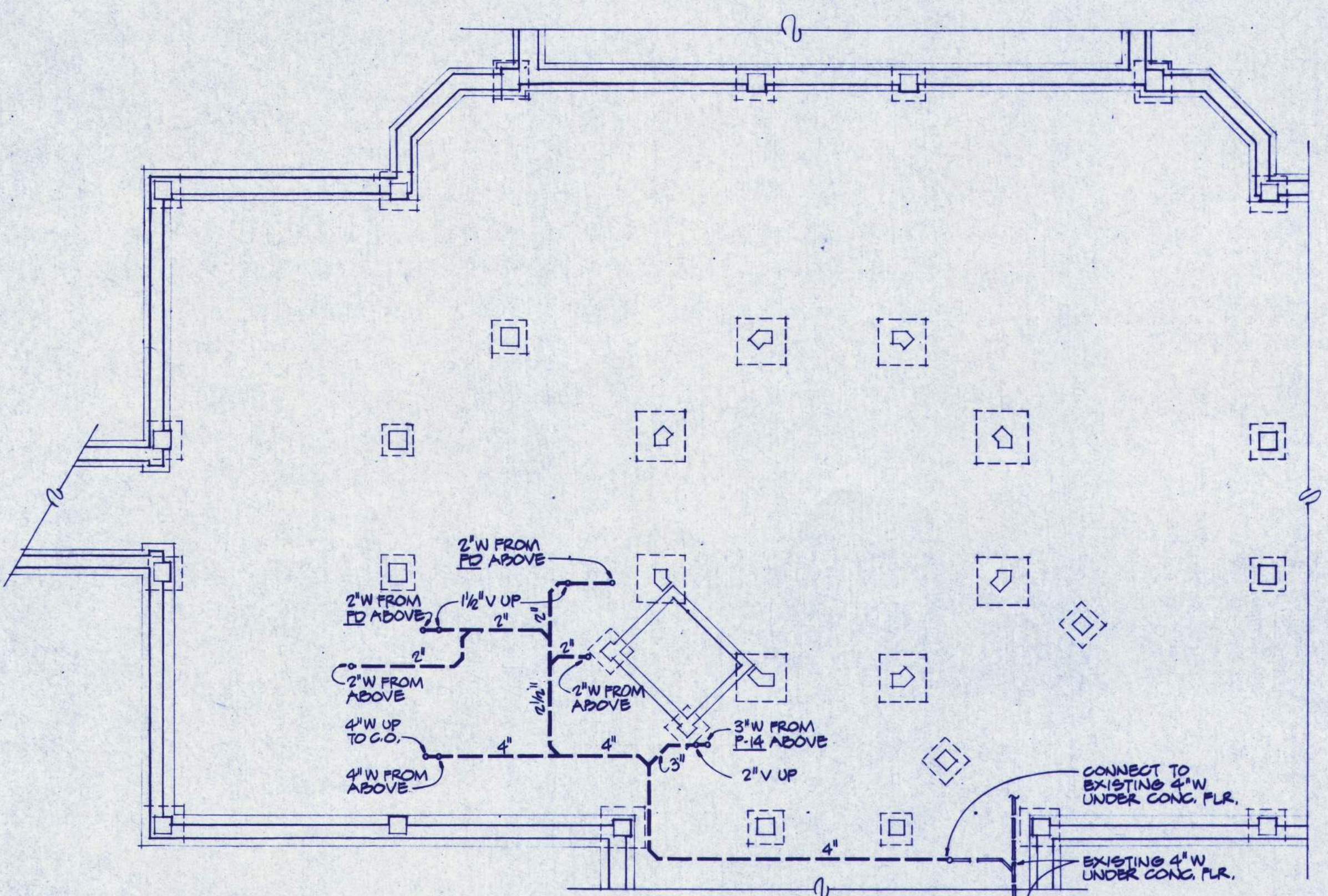
- 1 EXISTING PIPE TO REMAIN.
- 2 CONNECT NEW PIPE TO EXISTING, FIELD VERIFY SIZE.
- 3 REMOVE EXISTING PIPE, FIELD VERIFY SIZE.
- 4 4" W FROM ABOVE.
- 5 1/2" CN, 1" T UP. (ALTERNATE #2).
- 6 2" W DOWN.
- 7 REMOVE 2" V, PLUS NEAR FLOOR.
- 8 1/2" CN, 1/2" T DOWN TO (2) P-2'S.
- 9 2" CN, 1" T DOWN TO HEADERS IN CHASE SERVING (2) P-2'S, P-1, P-2, P-3, P-4, P-5, P-6, P-7.
- 10 3/4" CN, 3/4" HW, 2" V UP. 1" HW, 3" W FROM ABOVE.
- 11 2" V, CONNECT TO EXISTING SERVICE GIN.
- 12 REMOVE FIRE HOSE RACK & 2" RISE.
- 13 TWO P-2'S DRAW TO ONE 2" TRAP WITH 1/2" V.
- 14 1/2" V FROM BELOW.



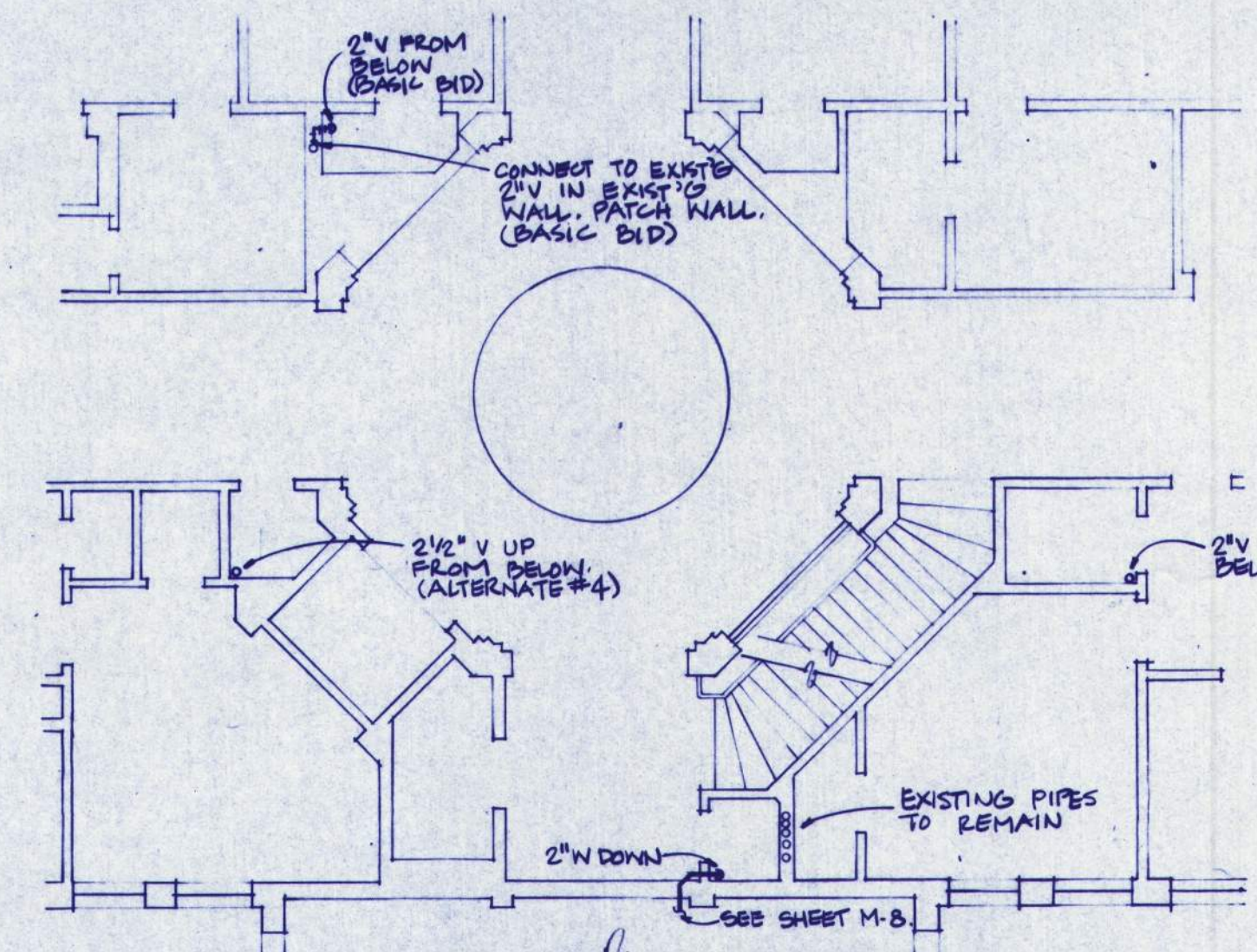
D2 PIPING PLAN
1/8" = 1'-0"

KEYED NOTES

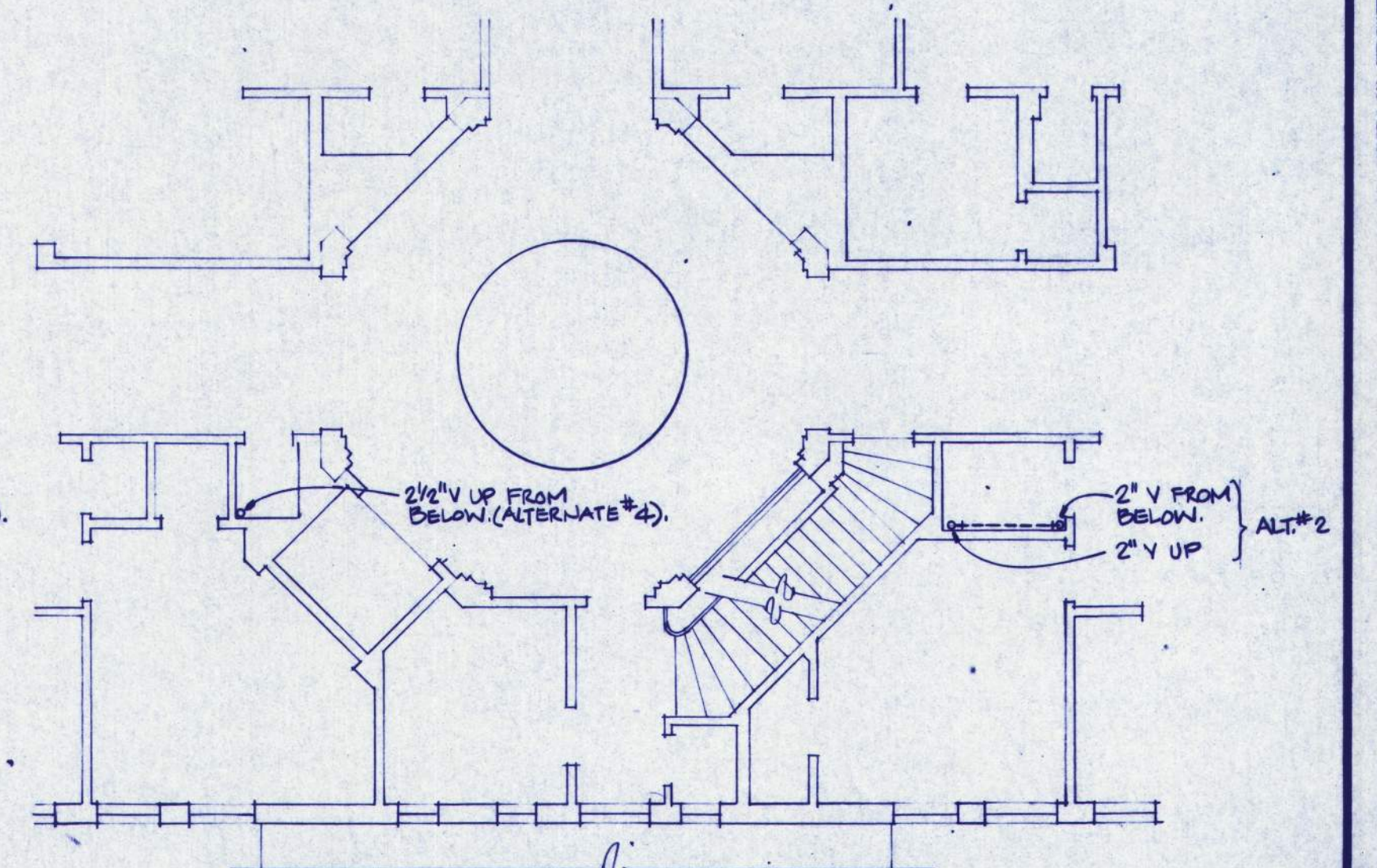
- 1 CONNECT EXISTING 3/4" HW, 3/4" CN RISERS (SERVING LAVS ABOVE) TO NEW HEADERS IN CHASE.
- 2 CONNECT NEW 4" W TO EXISTING 4" W FROM ABOVE.
- 3 4" W DOWN.
- 4 REMOVE EXISTING FIXTURE & PLUS ASSOCIATED PIPES.
- 5 REMOVE EXISTING PIPES ABOVE CEILING.
- 6 CONNECT NEW 2" V TO EXISTING 2" V UP.
- 7 CONNECT NEW 1/2" W TO EXISTING 1/2" W FROM ABOVE.
- 8 CONNECT NEW 2" W TO EXISTING 2" W FROM ABOVE.
- 9 4" W DOWN TO 4" W IN CHASE.
- 10 2" W DOWN TO 4" W IN CHASE.
- 11 CONNECT 3/4" CN (SERVING URINAL ABOVE) TO HEADER IN CHASE.
- 12 CONNECT 1/4" CN RISER (SERVING WC'S ABOVE) TO HEADER IN CHASE.
- 13 EXISTING PIPES (SERVING FIXTURES ABOVE) TO REMAIN.
- 14 1" CN, 3/4" HW FROM BELOW, IN WALL. CONNECT P-1, P-2, P-3, P-4, P-5, P-6, P-7.
- 15 CONNECT NEW 1/2" V TO EXISTING 2" V.
- 16 CONNECT EXISTING 2" V UP TO NEW 2" V FROM BELOW.
- 17 CONNECT EXISTING 3" W FROM ABOVE TO NEW 3" W DOWN.
- 18 CONNECT EXISTING 1" HW FROM ABOVE TO NEW 1" HW DOWN.
- 19 CONNECT EXISTING 3/4" HW UP TO NEW 3/4" HW FROM BELOW.
- 20 CONNECT EXISTING 3/4" CN UP TO NEW 3/4" CN FROM BELOW.
- 21 1/2" CN, 1" T FROM BELOW, TO HEADERS IN CHASE SERVING P-1, P-2, P-3, P-4, P-5, P-6, P-7.
- 22 3/4" CN, 3/4" T FROM BELOW TO (3) P-2'S.
- 23 1/2" CN, 1" T DOWN TO HEADERS IN CHASE SERVING P-2, (2) P-1'S, & (3) P-2'S.
- 24 1/2" CN, 1" T FROM BELOW.
- 25 EXISTING FINNED TUBE RADIATION TO REMAIN. REMOVE EXISTING CONTROL VALVE & INSTALL NEW SELF-CONTAINED THERMOSTATIC CONTROL VALVE. SEE SPECIFICATIONS SECTION 15050.
- 26 REMOVE EXISTING FINNED-TUBE RADIATION.
- 27 INSTALL NEW END CAP IN EXISTING FINNED-TUBE RADIATION CABINET. MATCH EXISTING.



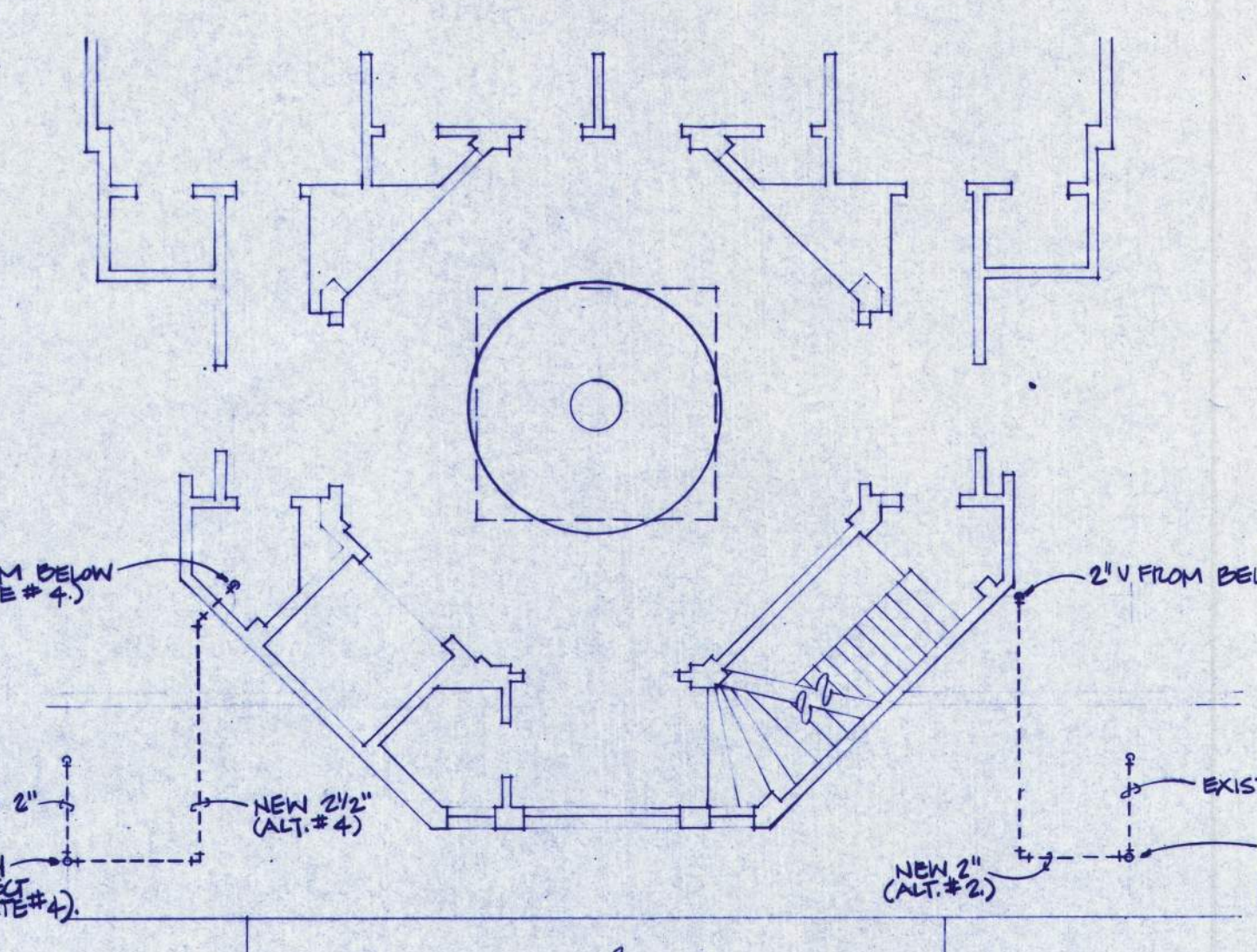
D1 FOUNDATION PLAN-ALTERNATE #4
1/8" = 1'-0"



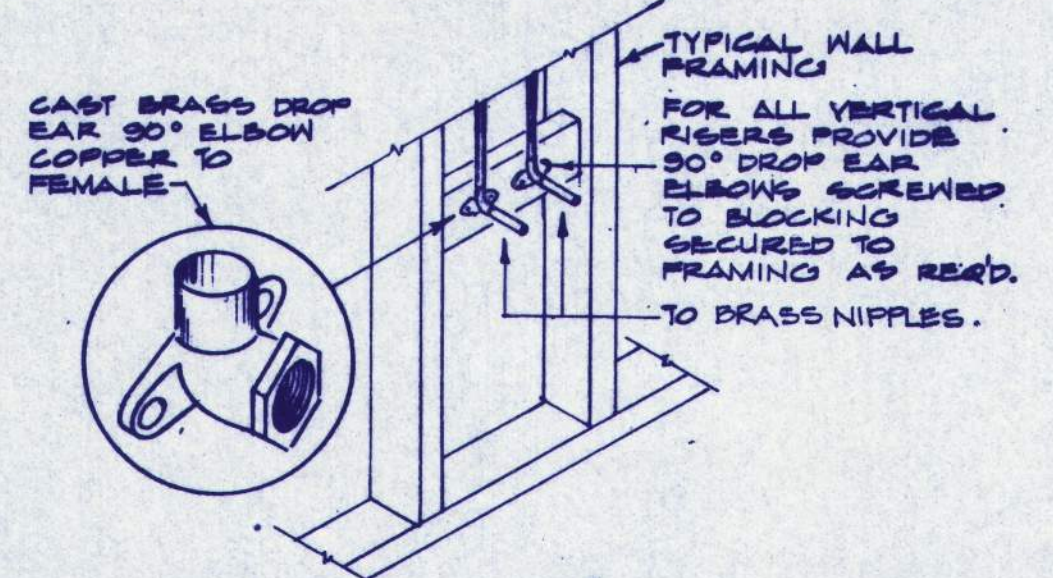
D5 PIPING PLAN
1/8" = 1'-0"



D4 PIPING PLAN
1/8" = 1'-0"



D5 PIPING PLAN
1/8" = 1'-0"

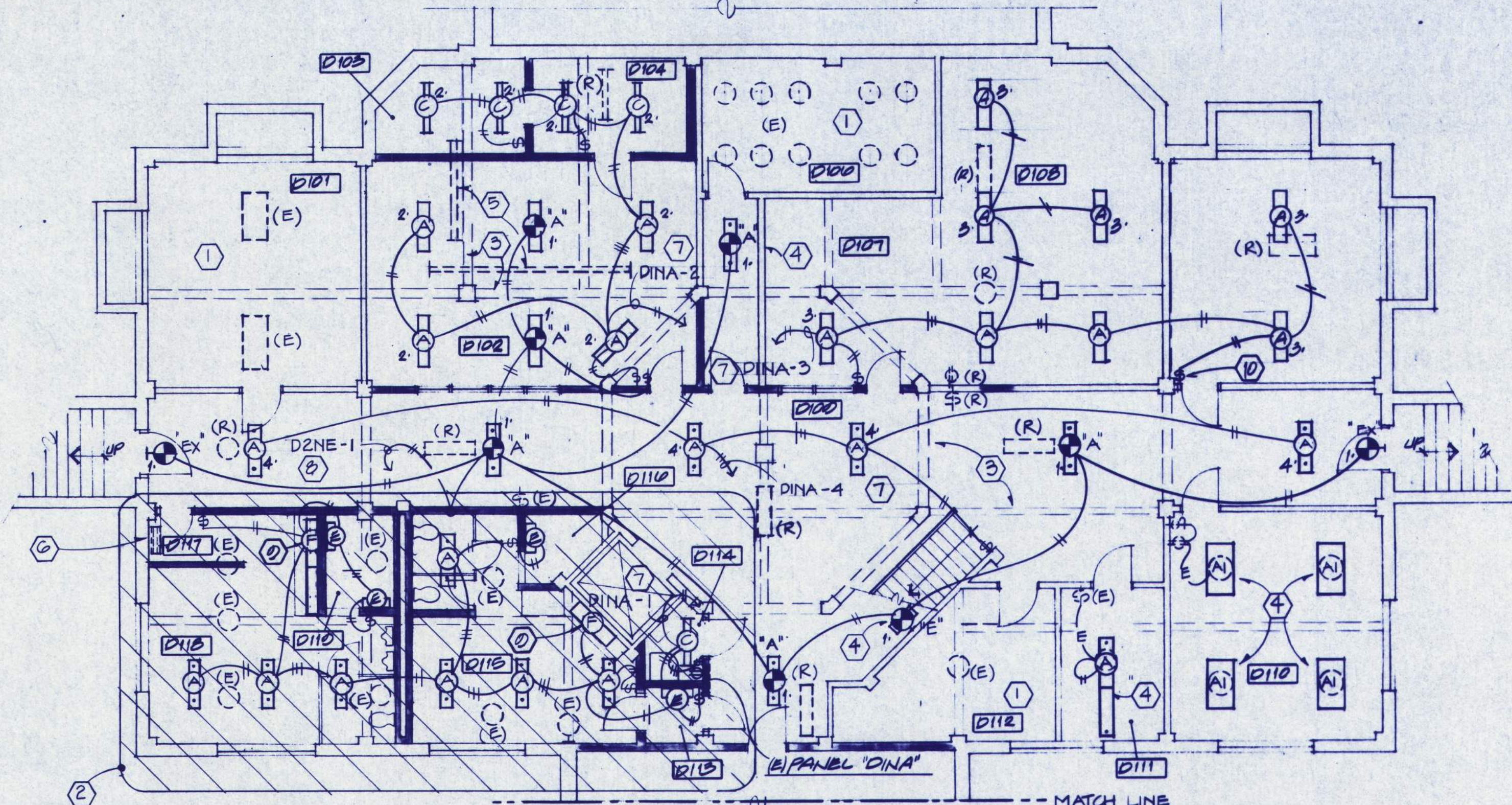


M-9 SUPPLY PIPING SUPPORT DETAIL
NO SCALE

D1/D2 NORTH



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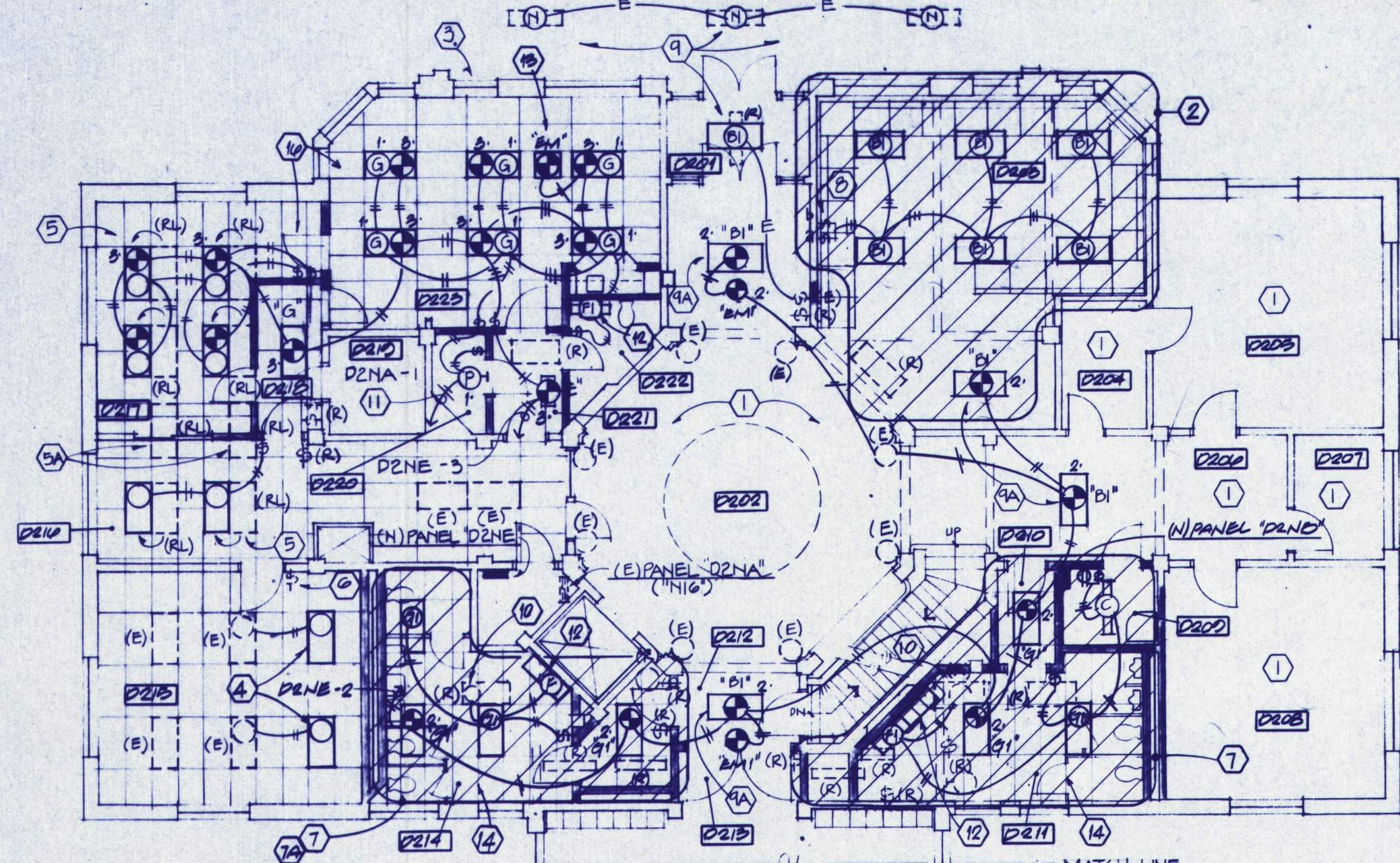
D1 FLOOR PLAN - LIGHTING
1/8" = 1'-0"



MATCH LINE
SEE SHEET E-4 FOR
CONTINUATION.

"D1" (NORTH) PLAN NOTES - LIGHTING

- 1 NO CHANGE THIS ROOM EXCEPT TO MAINTAIN (E) LIGHTING CIRCUIT(S) IN USE, U.O.N.
- 2 UNDER BASIC BID, NO (N) LIGHTING WORK REQUIRED THIS AREA SHOWN CROSS-HATCHED, U.O.N. UNDER ALT. NO. 4, PROVIDE ALL (N) WORK SHOWN TO INCLUDE REMOVAL OF ALL (E) LIGHT FIXTURES AND RELATED WIRING.
- 3 (E) OVERHEAD BEAMS SHOWN DASHED, TYPICAL.
- 4 REPLACE (E) LAMP HOLDER AT SAME LOCATION. CONNECT INTO CIRCUIT AS REQUIRED.
- 5 REMOVE 6 (E) FLUORESCENT STRIP LIGHTS AND ASSOCIATED WIRING, THIS AREA.
- 6 (E) OUTDOOR LIGHTING CIRCUIT J-BOX TO REMAIN.
- 7 PROVIDE (N) 20A-1P BREAKER IN (E) PANEL. CIRCUIT NUMBER SHOWN FOR REFERENCE ONLY.
- 8 NOT USED.
- 9 INSTALL ABOVE MIRROR; COORDINATE HEIGHT.
- 10 PROVIDE (N) SWITCH IN (E) BOX; C.A.R.



D2 FLOOR PLAN - LIGHTING
1/8" = 1'-0"



MATCH LINE
SEE SHEET E-5 FOR
CONTINUATION.

"D2" (NORTH) PLAN NOTES - LIGHTING

- 1 NO CHANGE THIS ROOM EXCEPT TO MAINTAIN (E) LIGHTING CIRCUITS IN USE, U.O.N.
- 2 UNDER BASIC BID, NO NEW LIGHTING WORK IN AREA SHOWN CROSS HATCHED. UNDER ALT. NO. 3, REMOVE EIGHT 2' X 4' FLUORESCENT FIXTURES STEM HUNG FROM (E) CEILING THIS ROOM (D203) ALL WIRING AND 11 SURFACE OUTLET BOXES. PROVIDE (N) LIGHTING AS SHOWN.
- 3 REMOVE SIX 2' X 4' FLUORESCENT FIXTURES SURFACE MOUNTED THIS ROOM (D233), FOUR RELATED LIGHT SWITCHES, AND ASSOCIATED WIRING.
- 4 INSTALL (2) RELOCATED TROFFERS THIS ROOM. CONNECT INTO (E) WIRING AS REQUIRED.
- 5 SHIFT (E) TROFFERS THIS ROOM AS SHOWN. EXTEND WIRING AS REQUIRED. PROVIDE AND CONNECT TO NEW SWITCH(ES) AS SHOWN.
- 5A RELOCATE (2) LIGHTS TO ROOM D215.
- 6 REMOVE 2 OF 4 SWITCHES. PROVIDE (N) BLANK COVER.
- 7 UNDER BASIC BID, NO NEW LIGHTING WORK IN AREA SHOWN CROSS HATCHED. UNDER ALT. NO. 2, PROVIDE (N) LIGHTING AS SHOWN.
- 7A REMOVE FOUR SURFACE MOUNTED FLUORESCENT FIXTURES THIS ROOM (D214), SWITCHES, AND RELATED WIRING, UNDER ALT. NO. 2.
- 8 UNDER ALT. NO. 3, REUSE (E) SWITCH BOX IN (E) WALL. REPLACE SWITCHES WITH NEW. CONNECT (N) LUMINAIRES INTO (E) LIGHTING CIRCUIT WITH 2 LEVEL SWITCH CONTROL ALL "B1" LUMINAIRES. CONCEAL (N) WIRING ABOVE (N) APPLIED TILE CEILING. SEE ARCHITECTURAL CEILING PLANS. DRILL BEAMS AS REQUIRED.
- 9 REPLACE (E) SURFACE MOUNTED LUMINAIRES WITH (N). CONNECT INTO (E) CIRCUITRY. USE METAL EXPANSION ANCHORS INTO CONCRETE CEILING.
- 9A SAME AS FOR NOTE 9, EXCEPT CONNECT INTO (N) CIRCUIT. CONCEAL WIRING WHERE POSSIBLE.
- 10 CONNECT (N) ROOM LUMINAIRES INTO (E) LIGHTING CIRCUIT AS REQUIRED (UNDER ALT. NO. 2, ONLY).
- 11 PROVIDE (N) 20A-1P BREAKER IN PANEL. CIRCUIT NUMBER SHOWN FOR REFERENCE ONLY.
- 12 INSTALL ABOVE MIRROR; COORDINATE HEIGHT (UNDER ALT. NO. 2, ONLY).
- 13 CONNECT TO CIRCUIT HOT LEG AS REQUIRED.
- 14 (N) SUSPENDED T-BAR CEILING THIS ROOM; VERIFY (UNDER ALT. NO. 2, ONLY).
- 15 USE SURFACE METAL RACEWAY FOR ALL (N) EXPOSED WIRING THIS FLOOR EXCEPT EQUIPMENT AND JANITORS ROOMS.
- 16 CONNECT INSIDE LAMPS TO EMERGENCY CIRCUIT, OUTSIDE LAMPS TO NORMAL CIRCUIT ALL FIXTURES IN ROOM. (E) LIGHTS MAY NEED INTERNAL REWIRE.

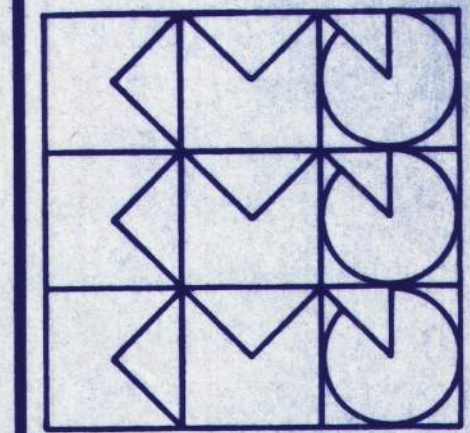


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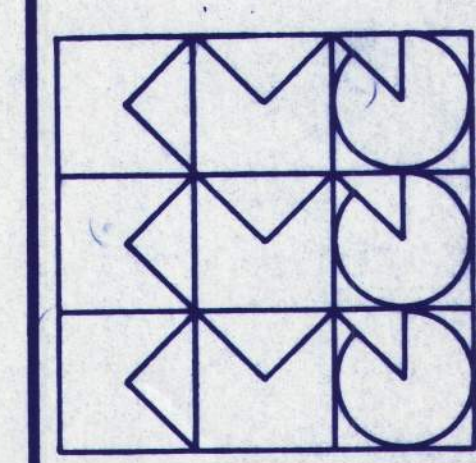
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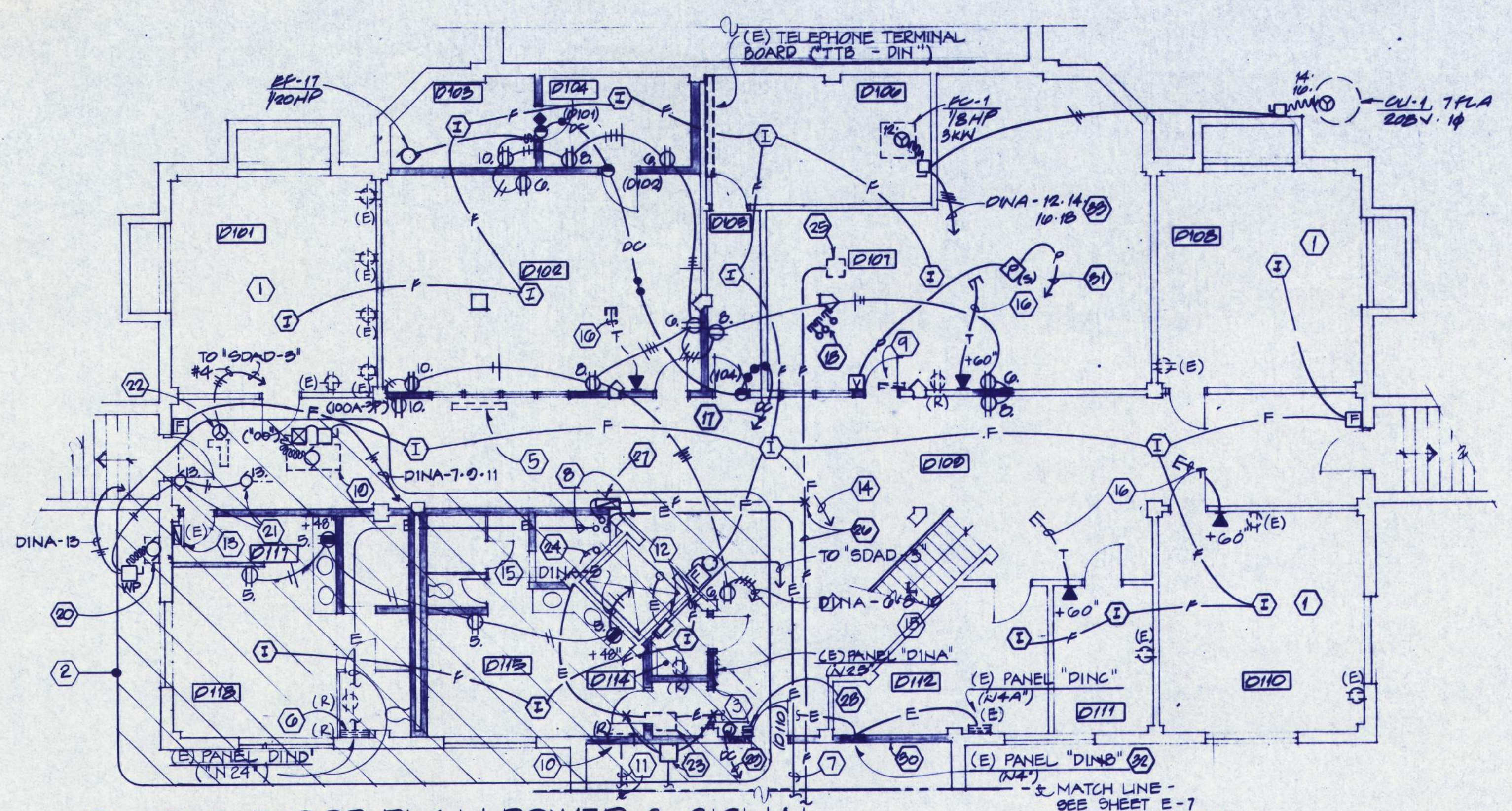
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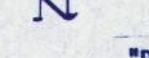
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E-3



D1 FLOOR PLAN-POWER & SIGNAL
1/8" = 1'-0"



(E) TELEPHONE TERMINAL BOARD (TTB - DIN)

1/8" = 1'-0"

NORTH

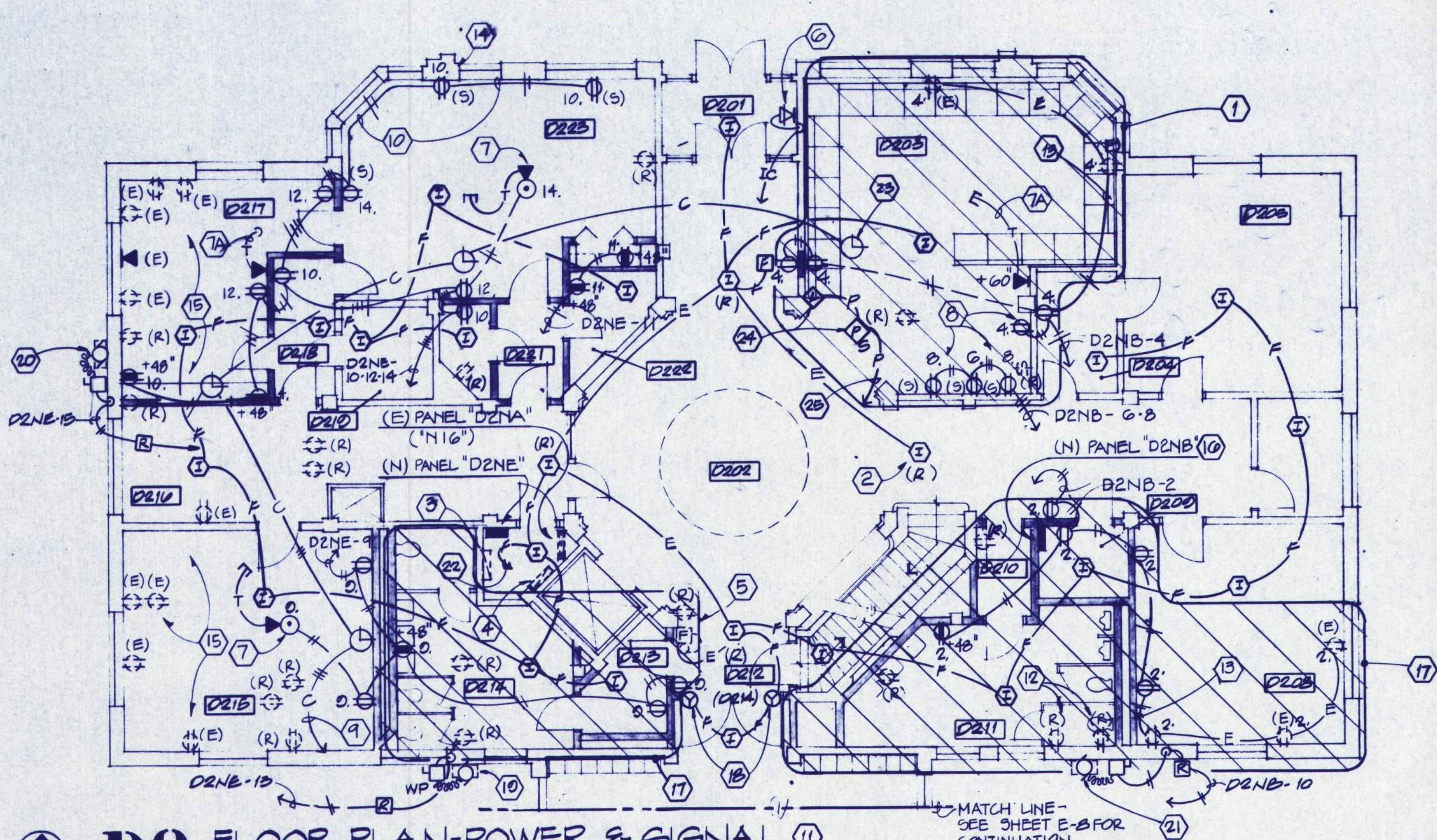
D1 (NORTH) PLAN NOTES - POWER/SIGNAL

- 1 NO CHANGE THIS ROOM EXCEPT TO MAINTAIN (E) ACTIVE OUTLETS IN USE AND ADD SMOKE DETECTOR, U.O.N. OR SHOWN.
- 2 UNDER BASIC BID, NO (N) POWER/SIGNAL WORK REQUIRED THIS AREA SHOWN CROSS-HATCHED, U.O.N. UNDER ALT. NO. 4, PROVIDE ALL (N) WORK SHOWN, SAME AREA.
- 3 UNDER ALT. BID NO. 4, PROVIDE TEMPORARY SUPPORT FOR PANEL WHILE WALL IS REMOVED.
- 4 NOT USED.
- 5 (E) FREE STANDING TELEPHONE CABINET; REMOVE. COORDINATE WITH OWNER FOR ANY REQUIRED TELEPHONE WIRING TO MAINTAIN (E) CIRCUITS.
- 6 UNDER ALT. BID NO. 4, REMOVE PANEL BOARD AND 1-1/2" FEEDER TO (E) PANEL "D2NA", ABOVE. UNDER BASIC BID, RETAIN IN PLACE.
- 7 (E) 2" FEEDER SERVING PHL "D2NA", FLOOR ABOVE; VERIFY.
- 8 DUCTS GO UP TO PANELS AT "D2" ABOVE.
- 9 (E) TELEPHONE TERMINAL CABINET; REMOVE WITH PROPER OWNER COORDINATION.
- 10 (E) 100 AMP FUSED SWITCH FLUSH IN WALL SERVING ELEVATOR; UNDER BASIC BID, REMOVE. (E) WALL TO BE REPLACED WITH (N) SECURITY WALL.
- 11 UNDER SLAB FEEDER TO (E) PHL "N26"; VERIFY. CUT OFF AT FLOOR.
- 12 UNDER BASIC BID, PROVIDE (N) FUSED DISCONNECT FOR ELEVATOR. CONNECT INTO (E) FEEDER GOING UP TO ELEVATOR PENTHOUSE. PROVIDE (N) OVERHEAD HOMERUN TO "SDAD-3". SEE ONE LINE DIAGRAM.
- 13 (E) J-BOX SERVING OUTSIDE LIGHTING SYSTEM TO REMAIN.
- 14 TO FIRE ALARM PANEL IN (N) ELECTRICAL ROOM D-141. SEE SHEET E-6, C.A.R.
- 15 CIRCUIT NUMBERS SHOWN FOR REFERENCE ONLY. PROVIDE 20A-1P BREAKER(S) FOR SAME.
- 16 STUB 3/4" C.O. TO (E) TELEPHONE TERMINAL BOARD, ROOM D106.
- 17 TO DOOR CONTROL "CPU" IN ROOM D130. SEE PLAN, SHEET E-7.
- 18 REMOVE (3) 3" DUCTS STUBBED THRU FLOOR. PATCH FLOOR WITH GROUT.
- 19 AIR CONDITIONING UNIT (AC-6): 1/2 HP, 209V, 3Ø AT CEILING. UNDER ALT. NO. 4, C.A.R., PROVIDE (N) 15A-3P BREAKER IN PANEL. OMIT UNDER BASIC BID.
- 20 EF-11: 1/4 HP, 120V, 1Ø ON WALL. UNDER ALT. NO. 4, PROVIDE AND CONNECT THRU RELAY; COIL VOLTAGE PER MECHANICAL CONTRACTOR. PROVIDE (N) 20A-1P BREAKER. OMIT UNDER BASIC BID.
- 21 DAMPER MOTOR. UNDER ALT. NO. 4, C.A.R., TO OPERATE WITH EF-16 PER MECHANICAL CONTRACTOR DIRECTION. OMIT UNDER BASIC BID.
- 22 DUCT HEATER (DH-1): 15 KW, 209V, 3Ø AT CEILING. UNDER ALT. NO. 4, C.A.R. SEE SHEET E-7 FOR "SDAD-3" PANEL LOCATION AND ONE LINE DIAGRAM. OMIT UNDER BASIC BID.
- 23 APPROXIMATE LOCATION (E) PULLBOX #7'-0" AFF WITH CIRCUITS TO PANELS "D1NB" AND "D3NA", ABOVE. VERIFY. MAINTAIN UNDER BASIC BID. UNDER ALT. NO. 4, REMOVE CEILING MOUNTED BOX. PROVIDE (N) J-BOX SOUTH OF (N) WALL. REMOVE (E) FEEDER EXTENSIONS TO PANELS "D1NB" AND "D3NA" AS REQUIRED.
- 24 THE FEEDER TO (E) PANEL "D3NA" RUNS EXPOSED AT FLOOR THEN ENTERS WALL VIA A CONDULET. UNDER ALT. NO. 4, REROUTE THIS RUN FROM FLOOR TO OVERHEAD LOCATION. REMOVE WALL TO EXPOSE DUCT AS REQUIRED FOR RECONNECTION.
- 25 (E) FIRE ALARM J-BOX NEAR CEILING. REMOVE AFTER (N) FIRE ALARM SYSTEM IS COMPLETELY INSTALLED (VERIFY WITH OWNER).
- 26 (E) 2" DUCT FULL OF FIRE ALARM CONDUCTORS. REMOVE WIRE, INTERCEPT DUCT, AND EXTEND TO (N) J-BOX. PULL IN (N) WIRE FOR BUILDING "D" (NORTH) SERVICE.
- 27 (N) FIRE ALARM J-BOX (12" X 12" X 6"). CONNECT INTO (E) FIRE ALARM RISER SERVING ALL FLOORS. BUILDING "D" (NORTH) ABOVE.
- 28 PROVIDE "DETEX" TYPE MAGNETIC DOOR SWITCH AT (N) DOOR HEAD.
- 29 RUN WIRING TO "CCR", CONTROL PANEL NO. 2. CONNECT TO (N) DOOR "STATUS" SWITCH AS REQUIRED. USE 1/2" DUCT, CONDUCTORS AS REQUIRED.
- 30 THIS (E) WALL FULL WAY ACROSS ROOM WILL BE REPLACED WITH (N) WALL.
- 31 TO PAGING SYSTEM AMPLIFIER, ROOM D130.
- 32 TEMPORARILY SUPPORT AND REWORK EXISTING PANEL "D1NB" AS REQUIRED FOR INSTALLATION IN NEW WALL.
- 33 PROVIDE (2) NEW 20 AMP, 2 POLE CIRCUIT BREAKERS IN EXISTING PANEL "D1NA" FOR NEW OUTDOOR A/C UNIT CU-1. CONNECT FC-1 TO EXISTING 20 AMP SPARE CIRCUIT BREAKER.

NO.	NOMENCLATURE	NO.	NOMENCLATURE
1	GROUP RELEASE 1ST & 2ND FLOORS	13	GROUP RELEASE 3RD FLOOR, SPARE
2	DOOR D101 M.O., SPARE	14	SPARE
3	DOOR D101 M.O., SPARE	15	DOOR D340 M.O., SPARE
4	DOOR D131 M.G., SPARE	16	DOOR D355 M.G., SPARE
5	DOOR D147 M.G., SPARE	17	DOOR D362 M.G., SPARE
6	DOOR D160 M.G., SPARE	18	SPARE
7	SPARE	19	SPARE
8	DOOR D230 M.O., SPARE	20	SPARE
9	SPARE	21	SPARE
10	DOOR D252 M.G., SPARE	22	SPARE
11	SPARE	23	SPARE
12	ELEVATOR OVERRIDE, SPARE	24	SPARE

GROUP RELEASE DOOR NUMBERS	1ST FLOOR	2ND FLOOR	3RD FLOOR
D131	D235 - NOT MONITORED	D340	
D134 - NOT MONITORED	D237 - NOT MONITORED	D341 - NOT MONITORED	
D135 - NOT MONITORED	D245 - NOT MONITORED	D342 - NOT MONITORED	
D136 - NOT MONITORED	D250 - NOT MONITORED	D343 - NOT MONITORED	
D138 - NOT MONITORED	D252	D344 - NOT MONITORED	
D139 - NOT MONITORED	D253	D348 - NOT MONITORED	
D147	D266 - NOT MONITORED	D349 - NOT MONITORED	
D160	D274 - NOT MONITORED	D350 - NOT MONITORED	
D161 - NOT MONITORED	D277 - NOT MONITORED	D355	
D162 - NOT MONITORED	D278 - NOT MONITORED	D360 - NOT MONITORED	

CCR CONTROL PANEL NO. 2 LEGEND
(WITH IDENTIFIER)



D2 FLOOR PLAN-POWER & SIGNAL
1/8" = 1'-0"



(E) TELEPHONE TERMINAL BOARD (TTB - DIN)

1/8" = 1'-0"

NORTH

D2 (NORTH) PLAN NOTES - POWER/SIGNAL

- 1 UNDER BASIC BID, NO (N) POWER/SIGNAL WORK IN AREA SHOWN CROSS HATCHED, EXCEPT FOR THE CEILING SMOKE DETECTOR. UNDER ALT. NO. 3, PROVIDE THE PLAN SHOWN WORK.
- 2 REPLACE (E) DETECTOR WITH NEW, TYPICAL FOR 4 OUTLETS THIS FLOOR.
- 3 (E) TELEPHONE TERMINAL TO REMAIN.
- 4 (E) FIRE ALARM J-BOX IN VERTICAL RISER TO REMAIN.
- 5 REMOVE AND REINSTALL (E) BELL ON (N) WALL AS REQUIRED.
- 6 REPLACE (E) INTERCOM STATION ON WALL. CONNECT TO (N) INTERCOM MASTER STATION AT RECEPTION DESK, RM. D230 VIA (E) UNDERFLOOR DUCT.
- 7 POKE-THRU FLOOR OUTLET. RUN 3/4" C.O. FROM TELEPHONE K.O. TO "TTB-DIN", ROOM D106.
- 8 RUN 3/4" C.O. TO "TTB-DIN", BELOW (UNDER ALT. NO. 3, ONLY).
- 9 OUTLETS FOR VENDING MACHINES. SURFACE MOUNT ON WALL USING "FS" TYPE BOXES (UNDER ALT. NO. 3, ONLY). IF ALT. NO. 2 IS NOT EXERCISED, RUN CIRCUITS TO (E) PANEL "D1NA" BELOW. PROVIDE BREAKERS FOR SAME.
- 10 HOMERUN TO MASTER CLOCK, "CCR" EQUIPMENT ROOM, "D2" SOUTH. RUN WIRING UNDERFLOOR AT "D1" LEVEL BELOW.
- 11 USE SURFACE METAL RACEWAY AND SURFACE TYPE OUTLETS WHERE SHOWN WITH SUBSCRIPT "S" (WIREMOLD PRODUCTS).
- 12 RUN ALL (N) WIRING CONCEALED ABOVE SUSPENDED CEILINGS AND IN WALLS, U.O.N., THIS FLOOR.
- 13 REMOVE (E) OUTLETS.
- 14 RECONNECT (E) SURFACE OUTLETS INTO (N) CIRCUIT. USE WIREMOLD PRODUCTS.
- 15 REMOVE (12) EXISTING SURFACE AND/OR FLUSH DUPLEX RECEPTACLES IN AREA OF THIS NEW ROOM (D223).
- 16 MAINTAIN ACTIVE CIRCUIT TO ALL OUTLETS WITH SUBSCRIPT (E) THIS AREA.
- 17 PROVIDE THIS PANEL UNDER ALT. NO. 2, ONLY. OMIT UNDER BASIC BID.
- 18 UNDER BASIC BID, NO (N) POWER/SIGNAL WORK IN AREA SHOWN CROSS HATCHED, EXCEPT CEILING SMOKE DETECTOR. UNDER ALT. NO. 2, PROVIDE THE PLAN SHOWN WORK.
- 19 UNDER BASIC BID, CONNECT (N) DOOR HOLD OPEN DEVICES INTO FIRE ALARM SYSTEM TO RELEASE DOORS UPON ALARM FROM BUILT IN DOOR DETECTORS.

- 19 EF-8: 1/20 HP, 120V, 1Ø. UNDER ALT. NO. 2, PROVIDE AND CONNECT THRU RELAY; COIL VOLTAGE PER MECHANICAL CONTRACTOR.
- 20 SAME AS NOTE 19, EXCEPT EF-9, AND PROVIDE UNDER BASIC BID.
- 21 SAME AS NOTE 19, EXCEPT EF-10.
- 22 UNDER BASIC BID, CONNECT FLOOR FIRE DETECTORS TO (E) FIRE ALARM J-BOX AS REQUIRED.
- 23 UNDER ALT. NO. 3, INSTALL TOP OF CLOCK UP 9'-0" - TOP OF (E) DOOR TRANSOM.
- 24 PROVIDE PAGING SPEAKER AND VOLUME CONTROL UNDER BASIC BID.
- 25 TO PAGING SYSTEM AMPLIFIER, ROOM D130, BELOW.

DOOR SCHEDULE
(ELECTRICALLY CONNECTED TYPES)

BUILDING AREA	DOOR NUMBER	LOCATION	STATUS MONITOR AT "CCR"	REMARKS
"D1" (NORTH)	D101	ASSEMBLY	YES	1
"D1" (SOUTH)	D110	EQUIPMENT ROOM	YES	2
"D1" (SOUTH)	D131	UNIT "E"	YES	3
"D1" (SOUTH)	147	UNIT "C"	YES	4
"D1" (SOUTH)	D134	UNDER STAIR DS-4	NO	3, 5
"D1" (SOUTH)	D135	UNDER STAIR DS-4	NO	3
"D1" (SOUTH)	D136	UNDER STAIR DS-4	NO	3
"D1" (SOUTH)	D138	NORTH KITCHEN	NO	3
"D1" (SOUTH)	D139	EXIT PASSAGE	NO	3
"D1" (SOUTH)	D143	ELEC. ROOM	YES	1
"D1" (SOUTH)	D160	STAIR DS-3	YES	6
"D1" (SOUTH)	D161	SOUTH KITCHEN	NO	3
"D1" (SOUTH)	D162	SOUTH KITCHEN	NO	3
"D2" (NORTH)	----	"CCR" EQUIPMENT	YES	2
"D2" (SOUTH)	D235	CONTACT VISITING	NO	3
"D2" (SOUTH)	D237	UNIT "E"	NO	3
"D2" (SOUTH)	D245	OUTSIDE OFFICER	NO	3
"D2" (SOUTH)	D250	PAROLE BOARD	NO	1
"D2" (SOUTH)	D252	CHAPEL	YES	6
"D2" (SOUTH)	D253	STAIRS DS-3	YES	6
"D2" (SOUTH)	D266	CHAPEL	NO	3
"D2" (SOUTH)	D271	PAROLE BOARD	NO	1
"D2" (SOUTH)	D273	OFFICES	NO	1
"D2" (SOUTH)	D274	CENTRAL STAIR	NO	3
"D2" (SOUTH)	D277	DINING	NO	3
"D2" (SOUTH)	D278	UNIT "C"	NO	3
"D3" (SOUTH)	D331	PHARMACY	YES	1
"D3" (SOUTH)	D340	ISOLATION #1	NO	3
"D3" (SOUTH)	D342	ISOLATION #2	NO	3
"D3" (SOUTH)	D343	ISOLATION #3	NO	3
"D3" (SOUTH)	D344	ISOLATION #4	NO	3
"D3" (SOUTH)	D348	ISOLATION CORRIDOR	NO	3
"D3" (SOUTH)	D349	STAIR DS-2	NO	3
"D3" (SOUTH)	D350	AUDITORIUM	NO	3
"D3" (SOUTH)	D355	UNIT "C"	YES	3
"D3" (SOUTH)	D360	OUTSIDE STAIR	NO	3
"D3" (SOUTH)	D362	STAIR DS-3	YES	6

- *REMARKS (SEE SCHEDULE ABOVE FOR APPLICABLE REMARKS)
- 1 NEW AIR OPERATED DOOR, LOCAL KEY ONLY.
 - 2 EXISTING DOOR, NEW POLYMER ADHES LOCK. SURFACE WIRE TO DOOR HEAD, UNIQUE MONITOR SWITCH.
 - 3 NEW AIR OPERATED DOOR. LOCAL KEY WITH "CCR" EMERGENCY RELEASE.
 - 4 EXISTING DOOR; NEW AIR OPERATED LOCK. SURFACE WIRE TO DOOR HEAD.
 - 5 PROVIDE OUTLET BOXES BOTH SIDE OF WALL FOR KEY SWITCHES; DOUBLE DOOR.
 - 6 NEW AIR OPERATED DOOR, EMERGENCY RELEASE AT "CCR" ONLY (NO LOCAL KEY).

CONTROLLED DOOR SCHEDULE
(ELECTRICALLY CONNECTED TYPES)

EXISTING DOOR CONTROL PANEL NO. 2

3" C.O. - 120 #10 CONDUCTORS (5 PER SWITCH)

EXISTING DOOR CONTROL PROGRAMMABLE CONTROLLER

SEE FLOOR PLANS FOR NEW DOORS TO RECONNECTED TO DOOR CONTROL PC.

DOOR CONTROL SYSTEM RISER
(NO SCALE)

SECURITY DOOR CONTROLS



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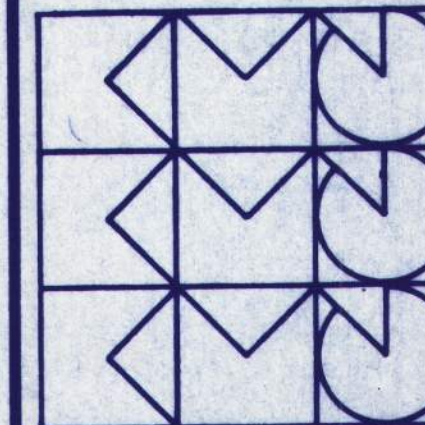
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PHASE 4

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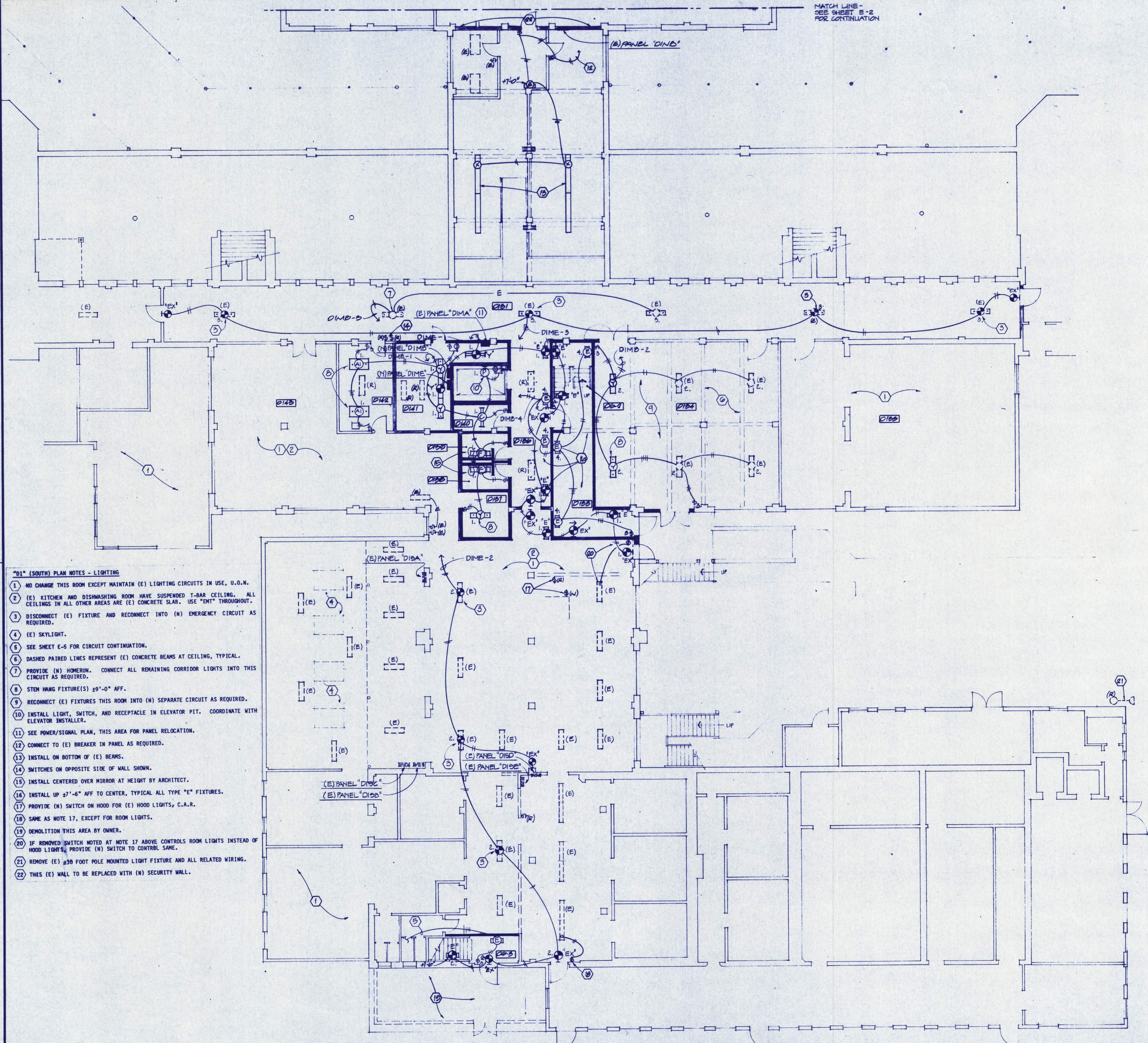
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DATE 8 JULY 85
JOB 801 #4

E-4

MATCH LINE -
SEE SHEET E-2
FOR CONTINUATION



- "D1" (SOUTH) PLAN NOTES - LIGHTING**
- 1 NO CHANGE THIS ROOM EXCEPT MAINTAIN (E) LIGHTING CIRCUITS IN USE, U.O.N.
 - 2 (E) KITCHEN AND DISHWASHING ROOM HAVE SUSPENDED T-BAR CEILING. ALL CEILINGS IN ALL OTHER AREAS ARE (E) CONCRETE SLAB. USE "EXT" THROUGHOUT.
 - 3 DISCONNECT (E) FIXTURE AND RECONNECT INTO (N) EMERGENCY CIRCUIT AS REQUIRED.
 - 4 (E) SKYLIGHT.
 - 5 SEE SHEET E-5 FOR CIRCUIT CONTINUATION.
 - 6 DASHED PAIRED LINES REPRESENT (E) CONCRETE BEAMS AT CEILING, TYPICAL.
 - 7 PROVIDE (N) HOMERUN. CONNECT ALL REMAINING CORRIDOR LIGHTS INTO THIS CIRCUIT AS REQUIRED.
 - 8 STEM HANG FIXTURE(S) 29'-0" AFF.
 - 9 RECONNECT (E) FIXTURES THIS ROOM INTO (N) SEPARATE CIRCUIT AS REQUIRED.
 - 10 INSTALL LIGHT, SWITCH, AND RECEPTACLE IN ELEVATOR PIT. COORDINATE WITH ELEVATOR INSTALLER.
 - 11 SEE POWER/SIGNAL PLAN, THIS AREA FOR PANEL RELOCATION.
 - 12 CONNECT TO (E) BREAKER IN PANEL AS REQUIRED.
 - 13 INSTALL ON BOTTOM OF (E) BEAMS.
 - 14 SWITCHES ON OPPOSITE SIDE OF WALL SHOWN.
 - 15 INSTALL CENTERED OVER MIRROR AT HEIGHT BY ARCHITECT.
 - 16 INSTALL UP 27'-6" AFF TO CENTER, TYPICAL ALL TYPE "E" FIXTURES.
 - 17 PROVIDE (N) SWITCH ON HOOD FOR (E) HOOD LIGHTS, C.A.R.
 - 18 SAME AS NOTE 17, EXCEPT FOR ROOM LIGHTS.
 - 19 DEMOLITION THIS AREA BY OWNER.
 - 20 IF REMOVED SWITCH NOTED AT NOTE 17 ABOVE CONTROLS ROOM LIGHTS INSTEAD OF HOOD LIGHTS. PROVIDE (N) SWITCH TO CONTROL SAME.
 - 21 REMOVE (E) 230 FOOT POLE MOUNTED LIGHT FIXTURE AND ALL RELATED WIRING.
 - 22 THIS (E) WALL TO BE REPLACED WITH (N) SECURITY WALL.

D1 FLOOR PLAN - LIGHTING
1/8" = 1'-0"
SOUTH



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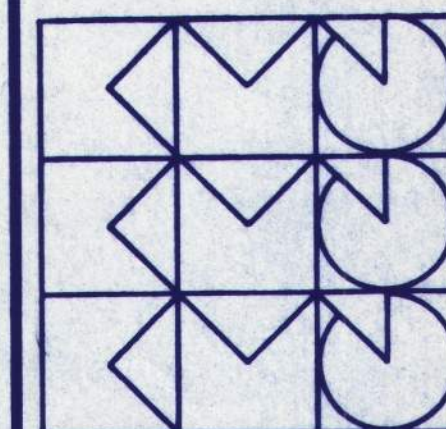
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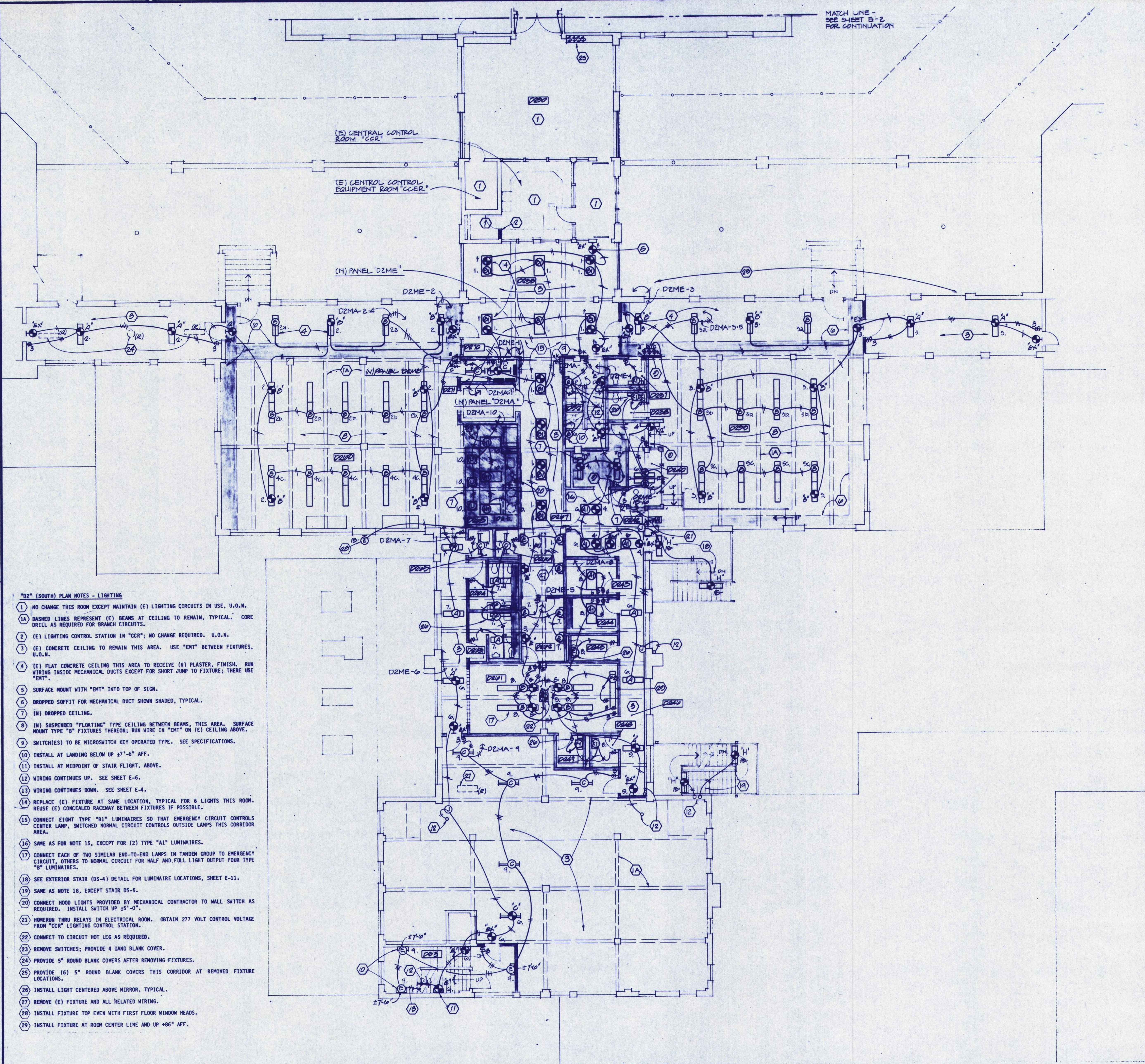
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DRAWN
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E-5

MATCH LINE -
SEE SHEET E-2
FOR CONTINUATION



"D2" (SOUTH) PLAN NOTES - LIGHTING

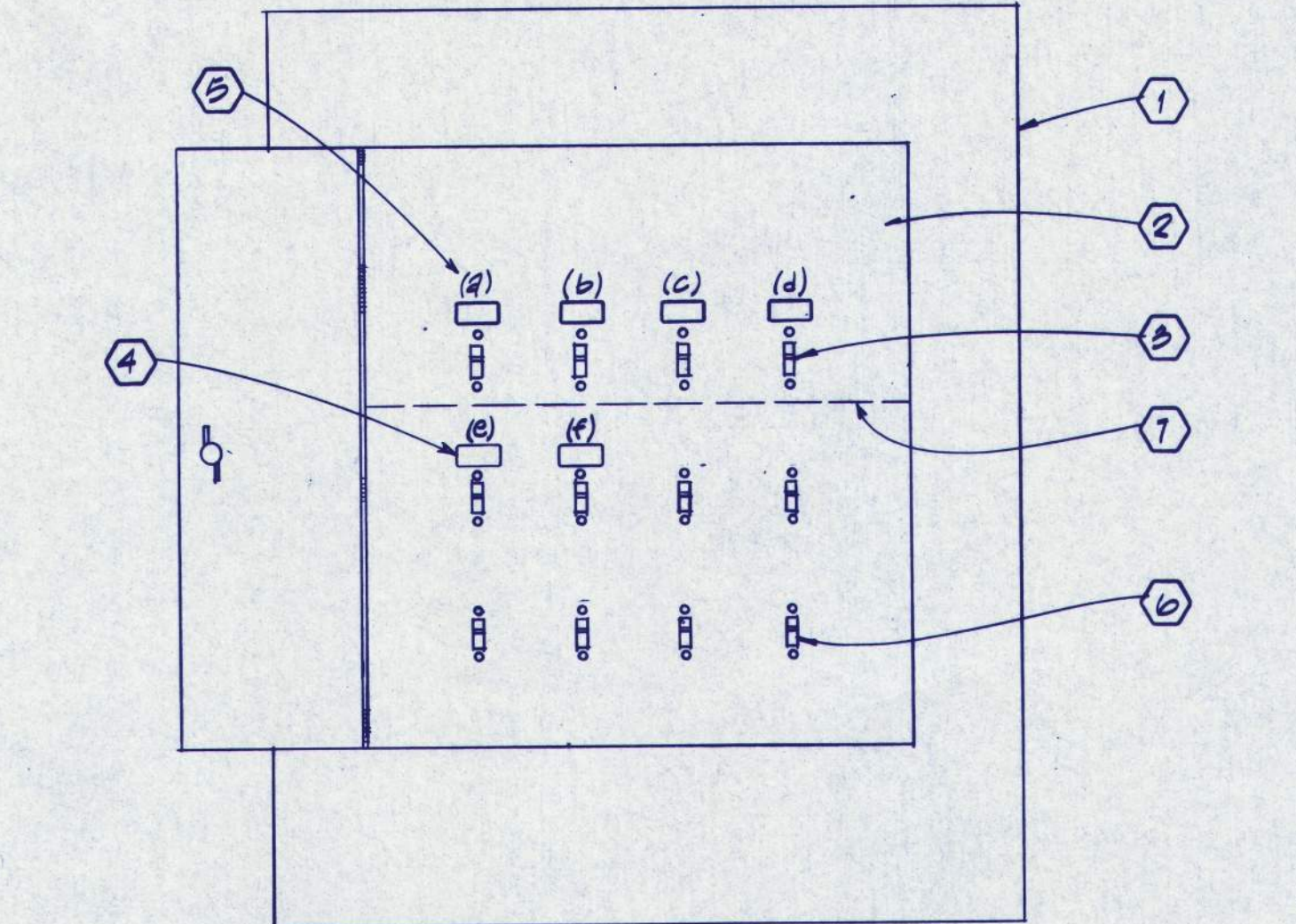
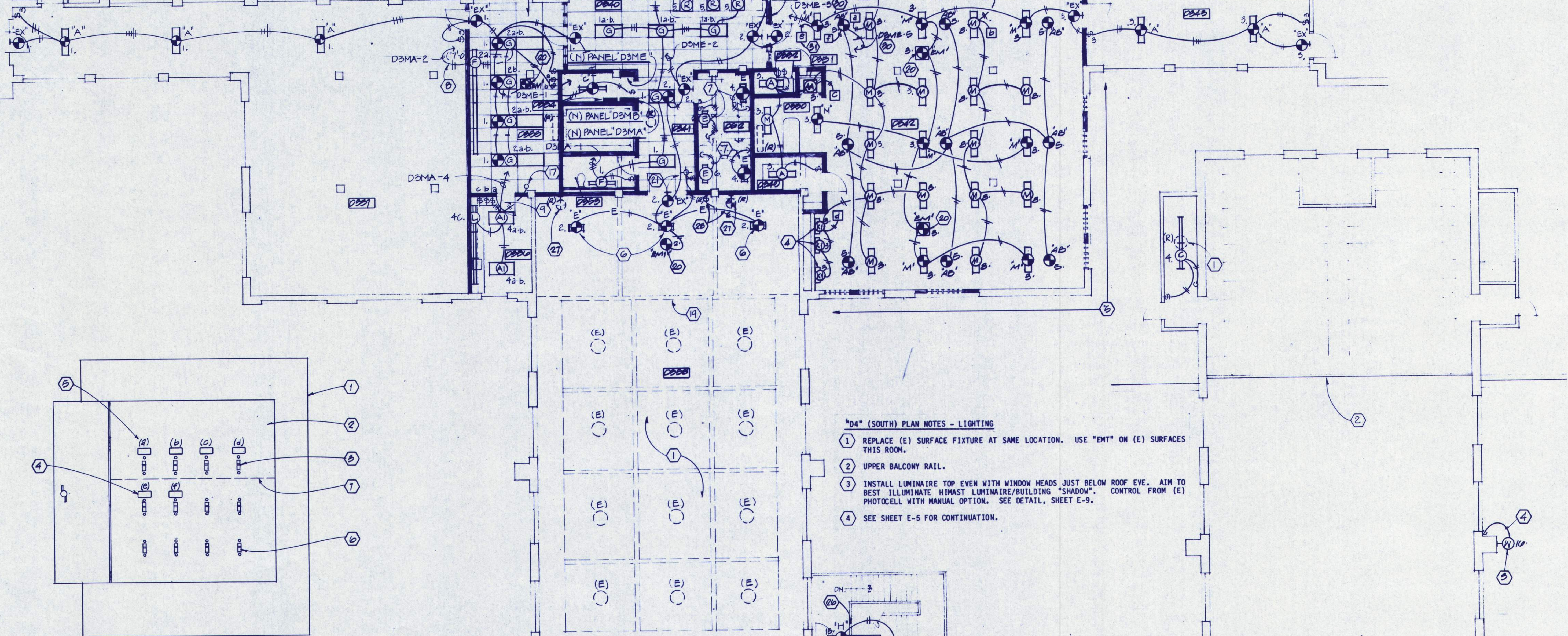
- 1 NO CHANGE THIS ROOM EXCEPT MAINTAIN (E) LIGHTING CIRCUITS IN USE, U.O.N.
- 1A DASHED LINES REPRESENT (E) BEAMS AT CEILING TO REMAIN, TYPICAL. CORE DRILL AS REQUIRED FOR BRANCH CIRCUITS.
- 2 (E) LIGHTING CONTROL STATION IN "CCR"; NO CHANGE REQUIRED. U.O.N.
- 3 (E) CONCRETE CEILING TO REMAIN THIS AREA. USE "EMT" BETWEEN FIXTURES, U.O.N.
- 4 (E) FLAT CONCRETE CEILING THIS AREA TO RECEIVE (N) PLASTER, FINISH. RUN WIRING INSIDE MECHANICAL DUCTS EXCEPT FOR SHORT JUMP TO FIXTURE; THERE USE "EMT".
- 5 SURFACE MOUNT WITH "EMT" INTO TOP OF SIGN.
- 6 DROPPED SOFFIT FOR MECHANICAL DUCT SHOWN SHADED, TYPICAL.
- 7 (N) DROPPED CEILING.
- 8 (N) SUSPENDED "FLOATING" TYPE CEILING BETWEEN BEAMS, THIS AREA. SURFACE MOUNT TYPE "B" FIXTURES THEREON; RUN WIRE IN "EMT" ON (E) CEILING ABOVE.
- 9 SWITCH(ES) TO BE MICROSWITCH KEY OPERATED TYPE. SEE SPECIFICATIONS.
- 10 INSTALL AT LANDING BELOW UP ±7'-6" AFF.
- 11 INSTALL AT MIDPOINT OF STAIR FLIGHT, ABOVE.
- 12 WIRING CONTINUES UP. SEE SHEET E-6.
- 13 WIRING CONTINUES DOWN. SEE SHEET E-4.
- 14 REPLACE (E) FIXTURE AT SAME LOCATION, TYPICAL FOR 6 LIGHTS THIS ROOM. REUSE (E) CONCEALED RACEWAY BETWEEN FIXTURES IF POSSIBLE.
- 15 CONNECT EIGHT TYPE "B1" LUMINAIRES SO THAT EMERGENCY CIRCUIT CONTROLS CENTER LAMP, SWITCHED NORMAL CIRCUIT CONTROLS OUTSIDE LAMPS THIS CORRIDOR AREA.
- 16 SAME AS FOR NOTE 15, EXCEPT FOR (2) TYPE "A1" LUMINAIRES.
- 17 CONNECT EACH OF TWO SIMILAR END-TO-END LAMPS IN TANDEM GROUP TO EMERGENCY CIRCUIT, OTHERS TO NORMAL CIRCUIT FOR HALF AND FULL LIGHT OUTPUT FOUR TYPE "B" LUMINAIRES.
- 18 SEE EXTERIOR STAIR (DS-4) DETAIL FOR LUMINAIRE LOCATIONS, SHEET E-11.
- 19 SAME AS NOTE 18, EXCEPT STAIR DS-5.
- 20 CONNECT HOOD LIGHTS PROVIDED BY MECHANICAL CONTRACTOR TO WALL SWITCH AS REQUIRED. INSTALL SWITCH UP ±5'-0".
- 21 HOMERUN THRU RELAYS IN ELECTRICAL ROOM. OBTAIN 277 VOLT CONTROL VOLTAGE FROM "CCR" LIGHTING CONTROL STATION.
- 22 CONNECT TO CIRCUIT HOT LEG AS REQUIRED.
- 23 REMOVE SWITCHES; PROVIDE 4 GANG BLANK COVER.
- 24 PROVIDE 5" ROUND BLANK COVERS AFTER REMOVING FIXTURES.
- 25 PROVIDE (6) 5" ROUND BLANK COVERS THIS CORRIDOR AT REMOVED FIXTURE LOCATIONS.
- 26 INSTALL LIGHT CENTERED ABOVE MIRROR, TYPICAL.
- 27 REMOVE (E) FIXTURE AND ALL RELATED WIRING.
- 28 INSTALL FIXTURE TOP EVEN WITH FIRST FLOOR WINDOW HEADS.
- 29 INSTALL FIXTURE AT ROOM CENTER LINE AND UP +86" AFF.

D2 FLOOR PLAN - LIGHTING
1/8" = 1'-0"
N SOUTH



- "D3" (SOUTH) PLAN NOTES - LIGHTING**
- NO CHANGE THIS ROOM, U.O.N. OR SHOWN.
 - (N) SUSPENDED T-BAR CEILING, TYPICAL.
 - (N) SUSPENDED GYP CEILING THIS ROOM, D342.
 - INSTALL CENTERED ABOVE MIRROR AT HEIGHT BY ARCHITECT. ALL 3 FIXTURES SAME HEIGHT.
 - PROVIDE LIGHTING WORK SHOWN IN ISOLATION W/ING UNDER BASIC BID. SEE PARTIAL PLAN, SHEET E-10 FOR REQUIRED WORK UNDER ALT. NO. 1 SAME AREA.
 - REPLACE (E) SURFACE FIXTURE WITH NEW. RECONNECT (E) WIRING INTO (N) EMERGENCY CIRCUIT AS REQUIRED.
 - SEE SHEET E-5 FOR CONTINUATION.
 - APPROXIMATE CENTER LINE TO LUMINAIRE ABOVE FLOOR, TYPICAL. VERIFY WITH ARCHITECT P.T.R.I.
 - WHERE DOUBLE SWITCH CONTROL SHOWN, CONNECT SWITCH "a" TO INSIDE LAMP BALLAST, SWITCH "b" TO OUTSIDE LAMP BALLAST ALL ROOM LUMINAIRES (TYPICAL), U.O.N.
 - CONNECT THIS SWITCH TO OUTSIDE LAMP BALLAST TO PARTICULAR LUMINAIRE SHOWN.
 - INSTALL TYPE "S" SAFELIGHTS AND RELATED RECEPTACLES UP APPROXIMATELY 48"-0", TYPICAL TWO LOCATIONS.
 - CONNECT SINGLE POLE SWITCH TO ENERGIZE DARK ROOM LIGHT SYSTEM THRU UPPER 3-WAY SWITCH.
 - INSTALL SWITCH UP 60" AFF. CONNECT SO THAT TOGGLE "DOWN" ACTIVATES ROOM NORMAL LIGHTS, TOGGLE "UP" ACTIVATES SAFELIGHTS AND OUTSIDE DOME LIGHT (TYPE "M") TOGETHER.
 - RUN WIRING DOWN IN (N) WALL TO BELOW FLOOR BETWEEN LUMINAIRES, TYPICAL.
 - SURGERY TRAK LIGHT TO BE OWNER FURNISHED AND INSTALLED SURFACE MOUNTED ON T-BAR CEILING; VERIFY LOCATION.
 - PROVIDE 2 POLE SWITCH FOR HOT AND NEUTRAL AND A 9" W X 12" H X 4" DEEP 3-BOX FLUSH IN WALL, TOP AT 46" AFF. FOR OWNER PROVIDED DIMMER. RUN 1/2" DUCT IN WALL TO CEILING SPACE ABOVE FOR FUTURE EXTENSION TO TRAK. LEAVE 90 FOOT CONDUCTORS PIGTAILS IN DIMMER BOX FOR OWNER CONNECTIONS.

- UP TO (N) LIGHT IN DENTAL EQUIPMENT ROOM ABOVE.
- NOT USED.
- EDGE OF AUDITORIUM BALCONY, ABOVE.
- CONNECT TO CIRCUIT HOT LEG, TYPICAL WHERE SHOWN.
- LABEL THIS SWITCH "AUDITORIUM VESTIBULE".
- NOT USED.
- NOT USED.
- CONNECT ROOM LIGHTS SO THAT SWITCH "a" CONTROLS INSIDE LAMPS, SWITCH "b" OUTSIDE LAMPS ALL LUMINAIRES SHOWN ON NORMAL CIRCUIT.
- PENDANT STEEL LUMINAIRES TO 49'-0" ABOVE FLOOR.
- SEE DETAIL, SHEET E-11 FOR MOUNTING INFORMATION.
- REMOVE (E) FLUSH MOUNTED EXIT SIGN. (E) WALL TO BE REPLACED WITH NEW.
- REMOVE (E) SURFACE SWITCH AND WIRING TO (E) FIXTURE.
- ISOLATION LIGHTING CONTROL PANEL "ILCP". INSTALL FLUSH IN WALL, TOP AT 6'-0" AFF. SEE PANEL DETAIL THIS SHEET.
- RUN CIRCUITS THRU "ILCP" SWITCHES.
- LIGHT SWITCH DESIGNATOR. INSTALL SWITCH AT "ILCP". SEE PANEL DETAIL, TYPICAL 6 SWITCHES.



ISOLATION LIGHTING CONTROL PANEL "ILCP" DETAIL
NO SCALE (BASIC BID)

- "D4" (SOUTH) PLAN NOTES - LIGHTING**
- REPLACE (E) SURFACE FIXTURE AT SAME LOCATION. USE "EMT" ON (E) SURFACES THIS ROOM.
 - UPPER BALCONY RAIL.
 - INSTALL LUMINAIRE TOP EVEN WITH WINDOW HEADS JUST BELOW ROOF EYE. AIM TO BEST ILLUMINATE HIGHEST LUMINAIRE/BUILDING "SHADOW". CONTROL FROM (E) PHOTOCELL WITH MANUAL OPTION. SEE DETAIL, SHEET E-9.
 - SEE SHEET E-5 FOR CONTINUATION.

- LIGHTING CONTROL PANEL NOTES (BASIC BID)**
- (N) PANELBOARD TYPE CABINET WITH SPECIAL 12 GAUGE FRONT COVER, FULLY CONCEALED TRIM CLAMPS, CONTINUOUS PIANO HINGE AND HEAVY DUTY TUMBLER, DEAD BOLT LOCK EQUAL TO CORBIN TRIPLELOX. PROVIDE 12 KEYS. MIN. DIMENSIONS: 16" W X 24" H X 4-1/2" DEEP.
 - PUNCH PANEL DEADFRONT TO ACCOMMODATE SWITCHES AND MOUNTING HOLES.
 - TOGGLE TYPE SWITCH (TYPICAL FOR 12) WITH LIGHTED HANDLE (RED) IN "ON" POSITION. SCREW SWITCH INTO DEADFRONT.
 - SCREW MOUNT PHENOLIC NAMEPLATE INTO DEADFRONT. LABEL ACCORDING TO NAMEPLATE DESIGNATOR SCHEDULE.
 - SWITCH DESIGNATOR. SEE SCHEDULE AND FLOOR PLAN.
 - "SPARE" SWITCH, TYPICAL FOR 6. NAMEPLATE NOT REQUIRED.
 - PROVIDE BARRIER BETWEEN "NORMAL" AND "EMERGENCY" SECTIONS.
- LIGHT SWITCH NAMEPLATE DESIGNATORS (ISOLATION)**
- (a): CEILING EAST
 - (b): CEILING WEST
 - (c): SHOWER
 - (d): LAV
 - (e): CEILING EMERGENCY
 - (f): NIGHT LIGHTS

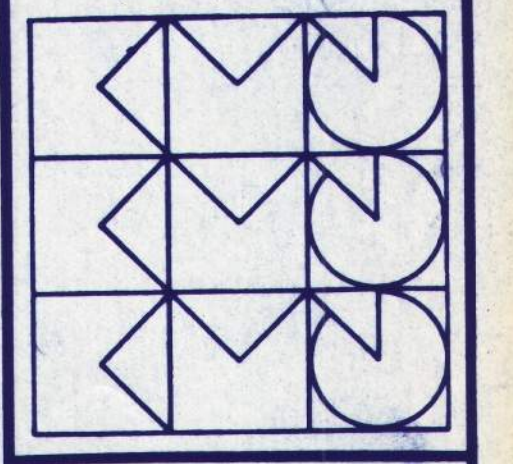
D3 FLOOR PLAN - LIGHTING
SOUTH 1/8" = 1'-0"

D4 FLOOR PLAN - LIGHTING
SOUTH 1/8" = 1'-0"



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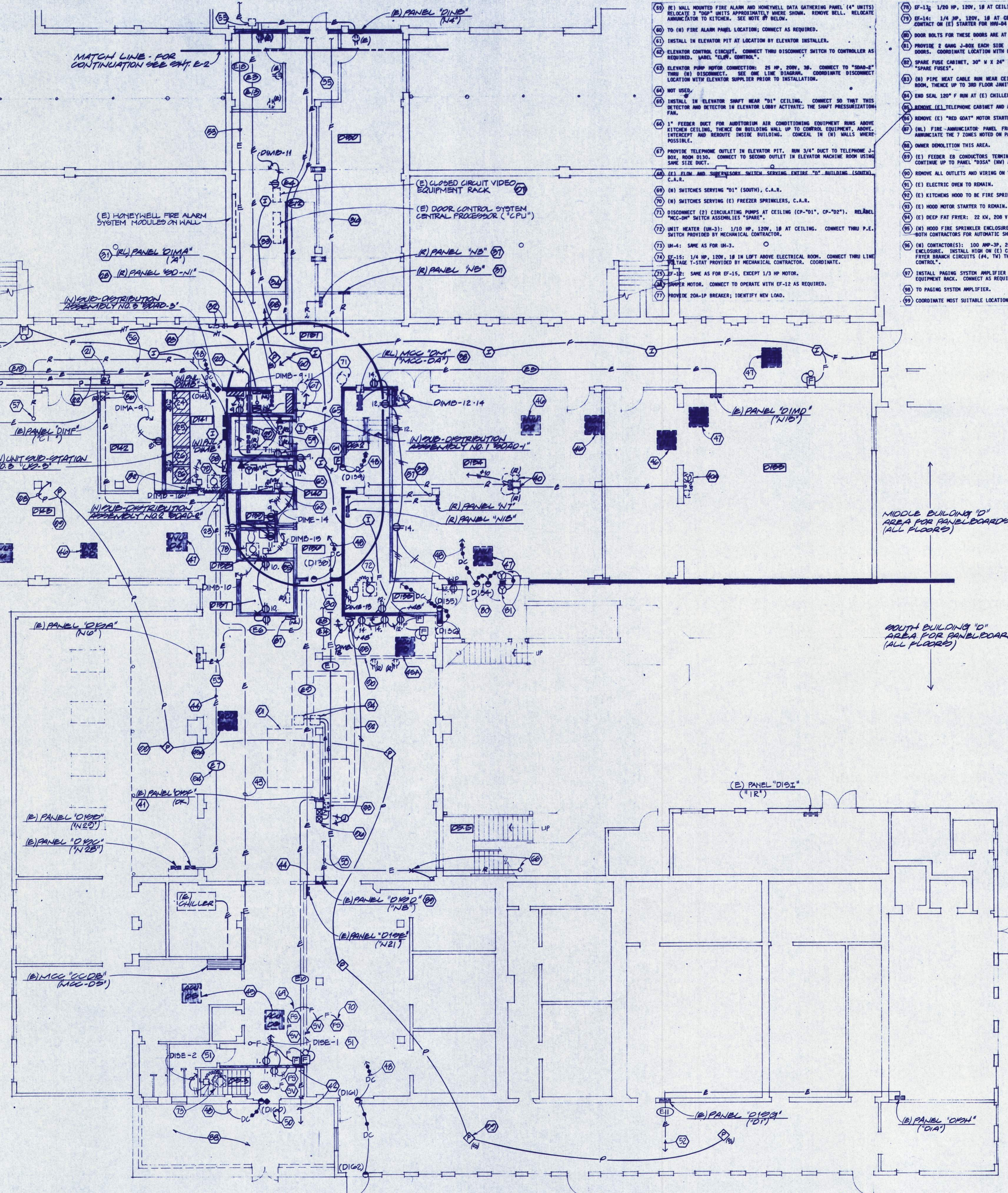
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E-6



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- 701 (SOUTH) PLAN NOTES - POWER/SIGNAL**
- (E) UNDERGROUND PRIMARY FROM POWER HOUSE TRANSFORMER VAULT TO REMAIN.
 - (E) STEAM TUNNEL FROM POWER HOUSE.
 - (E) STEAM TUNNEL ACCESS INTO CHILLER ROOM.
 - (E) ABSORPTION CHILLER TO REMAIN.
 - "US-1", HI-VOLT SECTION TO REMAIN.
 - "US-4", TRANSFORMER SECTION (500 KVA) TO REMAIN.
 - "US-4", LOW VOLT SECTION NO. 1 (1500 AMP) TO REMAIN. SECTION MAINS SERVE SECTION NO. 1, PANELS "MCC-1", CHILLER MCC, A/V/C MECHANICAL LOADS.
 - "US-4", LOW VOLT SECTION NO. 2 (800 AMP) WITH 12" X 18" WIREWAY TO CORRIDOR J-BOX TO REMAIN. SECTION MAINS SERVE MCC "CCOB", OLD BUILDING "D" EMERGENCY LOADS, PANEL "MCC-2" AND A/V/C LIGHTING LOADS.
 - 36" X 48" J-BOX NEAR CORRIDOR CEILING TO REMAIN. MAIN JUNCTION FOR BUILDINGS A, C, D MAJOR FEEDERS. FEEDERS EXTEND EAST AND WEST TO RESPECTIVE LOADS.
 - (E) FEEDERS TO PH. "MCC" ACROSS CEILING: (2) 3-1/2" C; (2) 2-1/2" C; (1) 1-1/2" C; (1) 1-1/4" C.
 - PANEL "MCC-2" MAINS SERVE A/V/C KITCHENS, WEST ELEVATOR, CII DISHWASHER "KITCHEN".
 - (E) WIREWAY AND OVERHEAD FEEDER.
 - (E) 250 KW EMERGENCY GENERATOR (MANUALLY TRANSFERRED LOAD) TO REMAIN. UNIT SUPPLIES STANDBY POWER TO BUILDINGS "A", "B", "C" AND SELECTED LOADS IN BUILDING "D". SEE ONE LINE DIAGRAM.
 - (E) 15 KW EMERGENCY GENERATOR (AUTOMATICALLY TRANSFERRED LOAD) TO REMAIN. UNIT WILL BE USED TO SUPPLY CRITICAL LIGHTING LOADS IN BUILDING "D". SEE ONE LINE DIAGRAM.
 - (E) AIR COMPRESSOR AND AIR TANK USED TO "START" 250 KW GENERATOR TO REMAIN. SEE ONE LINE DIAGRAM.
 - (E) 250 KW GENERATOR MANUAL TRANSFER SWITCH TO REMAIN.
 - (E) EMERGENCY PANELS SERVED BY 15 KW GENERATOR. SEE ONE LINE DIAGRAM.
 - (E) AUTOMATIC TRANSFER SWITCH TO REMAIN.
 - (E) DISCONNECT SERVING TELEPHONE ROOM TO REMAIN.
 - (E) 250 KW GENERATOR CONTROL PANEL TO REMAIN.



- (E) WALL MOUNTED FIRE ALARM AND HONEYWELL DATA GATHERING PANEL (4" UNITS) RELOCATE 3" FROM WALL APPROXIMATELY WHERE SHOWN. REMOVE BELL. RELOCATE ANNUNCIATOR TO KITCHEN. SEE NOTE #9 BELOW.
- (E) FIRE ALARM PANEL LOCATION; CONNECT AS REQUIRED.
- INSTALL IN ELEVATOR PIT AT LOCATION BY ELEVATOR INSTALLER.
- ELEVATOR CONTROL CIRCUIT. CONNECT THRU DISCONNECT SWITCH TO CONTROLLER AS REQUIRED. LABEL "ELEV. CONTROL".
- ELEVATOR PUMP MOTOR CONNECTION: 25 HP, 200V, 3P. CONNECT TO "SDA-2" THRU (N) DISCONNECT. SEE ONE LINE DIAGRAM. COORDINATE DISCONNECT LOCATION WITH ELEVATOR SUPPLIER PRIOR TO INSTALLATION.
- NOT USED.
- INSTALL IN ELEVATOR SHAFT NEAR "D1" CEILING. CONNECT SO THAT THIS DETECTOR AND DETECTOR IN ELEVATOR LOBBY ACTIVATE THE SHAFT PRESSURIZATION FAN.
- 1" FEEDER DUCT FOR AUDITORIUM AIR CONDITIONING EQUIPMENT RUNS ABOVE KITCHEN CEILING. THENCE ON BUILDING WALL UP TO CONTROL EQUIPMENT. ABOVE, INTERCEPT AND REMOVE INSIDE BUILDING. CONCEAL IN (N) WALLS WHERE POSSIBLE.
- PROVIDE TELEPHONE OUTLET IN ELEVATOR PIT. RUN 3/4" DUCT TO TELEPHONE J-BOX, ROOM D130. CONNECT TO SECOND OUTLET IN ELEVATOR MACHINE ROOM USING SAME SIZE DUCT.
- (E) J-BOX AND SUB-DISTRIBUTION SWITCH SERVING EXTENSIVE "D" BUILDING (SOUTH) C.A.R.
- (N) SWITCHES SERVING "D1" (SOUTH), C.A.R.
- (N) SWITCHES SERVING (E) FREEZER SPRINKLERS, C.A.R.
- DISCONNECT (E) CIRCULATING PUMPS AT CEILING (CP-71, CP-72). RELABEL "MCC-DM" SWITCH ASSEMBLIES "SPARE".
- UNIT HEATER (UH-3): 1/10 HP, 120V, 1Ø AT CEILING. CONNECT THRU P.E. SWITCH PROVIDED BY MECHANICAL CONTRACTOR.
- UH-4: SAME AS UH-3.
- EF-15: 1/4 HP, 120V, 1Ø IN LOFT ABOVE ELECTRICAL ROOM. CONNECT THRU LINE W/TAPE T-STAT PROVIDED BY MECHANICAL CONTRACTOR. COORDINATE.
- EF-16: SAME AS FOR EF-15, EXCEPT 1/3 HP MOTOR.
- WASHER MOTOR. CONNECT TO OPERATE WITH EF-12 AS REQUIRED.
- PROVIDE 20A-1P BREAKER; IDENTIFY NEW LOAD.

- EF-17: 1/20 HP, 120V, 1Ø AT CEILING. CONNECT TO RUN CONTINUOUSLY.
- EF-18: 1/4 HP, 120V, 1Ø AT CEILING. PROVIDE AND CONNECT THRU AUX. CONTACT ON (E) STARTER FOR HW-04 AT "MCC-DM" AS REQUIRED.
- DOOR BOLTS FOR THESE DOORS ARE AT DOOR HEAD.
- PROVIDE 2 GANG J-BOX EACH SIDE OF WALL FOR KEY SWITCH CONTROL OF BOTH DOORS. COORDINATE LOCATION WITH DOOR INSTALLER P.T.N.I.
- SPARE FUSE CABINET, 30" X 24" X 6" DIMENSIONS. BOLT TO WALL. LABEL "SPARE FUSES".
- (N) PIPE HEAT CABLE RUN NEAR CEILING. CONTINUE RUN INTO (N) ELECTRICAL ROOM. THENCE UP TO 3RD FLOOR JANITORS ROOM.
- END SEAL 120" F RUN AT (E) CHILLER ROOM HOT WATER HEATER AS REQUIRED.
- REMOVE (E) TELEPHONE CABINET AND ALL RELATED CONDUIT AND CABLES.
- REMOVE (E) "RED GOAT" MOTOR STARTER AND RELATED WIRING.
- (N) FIRE ANNUNCIATOR PANEL FROM AREA OF (N) ELEVATOR. CONNECT TO ANNUNCIATE THE 7 ZONES NOTED ON PANEL.
- OWNER DEMOLITION THIS AREA.
- (E) FEEDER E8 CONDUCTORS TERMINATE HERE. (E) FEEDER E-14 CONDUCTORS CONTINUE UP TO PANEL "D155A" (N) ABOVE (VERIFY).
- REMOVE ALL OUTLETS AND WIRING ON TEMPORARY HALL WHEN DEMOLISHED.
- (E) ELECTRIC OVEN TO REMAIN.
- (E) KITCHENS HOOD TO BE FIRE SPRINKLER UNDER THIS WORK.
- HOOD MOTOR STARTER TO REMAIN.
- (E) DEEP FAT FRYER: 22 KW, 208 V, 3 Ø TO REMAIN; CONNECT AS REQUIRED.
- (N) HOOD FIRE SPRINKLER ENCLOSURE. CONNECT 120 VOLT CONTROL CIRCUIT THRU BOTH CONTRACTORS FOR AUTOMATIC SHUTDOWN. RUN WIRING ABOVE T-BAR CEILING.
- (N) CONTRACTOR(S): 100 AMP-3P, 240 V, 5Ø, 500-3 OR EQUAL IN MEMA 1 ENCLOSURE. INSTALL HIGH ON (E) COLUMN. INTERCEPT, EXTEND AND CONNECT (E) FRYER BRANCH CIRCUITS (F.P.) THRU CONTRACTORS AS REQUIRED. LABEL "FRYER CONTROL".
- INSTALL PAGING SYSTEM AMPLIFIER ON ITS OWN SEPARATE SHELF IN THE VIDEO EQUIPMENT RACK. CONNECT AS REQUIRED. PROVIDE (N) RECEPTACLE FOR SAME.
- TO PAGING SYSTEM AMPLIFIER.
- COORDINATE MOST SUITABLE LOCATION WITH EXISTING CONDITIONS, TYPICAL.

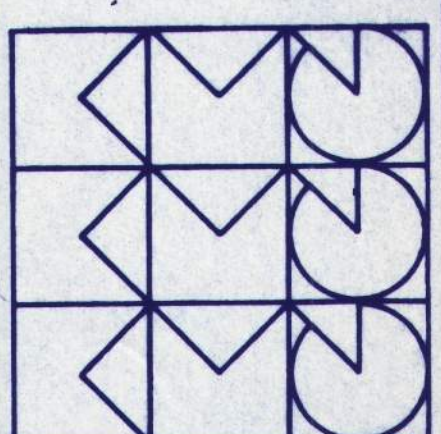
- EXISTING (E) 3-1/2" FEEDER DUCTS NEAR CEILING SERVING (E) DISTRIBUTION PANEL "SD-01". REUSE FOR FEEDER TO (N) "SDA-2"; SEE 1/4" PLAN SHEET E-11. LABEL (E) 600A-3P BREAKER "SUB-DISTRIBUTION, SDA-2 (BUILDING D1)".
- (E) 24" X 24" J-BOX NEAR CEILING TO REMAIN.
- (E) 3-1/2" FEEDER SERVING MCC "CCOB" TO REMAIN.
- (E) 24" X 30" J-BOX NEAR CEILING TO REMAIN.
- US-3, HI VOLT SECTION. LEAVE 24" BACK OF UNIT TO WALL.
- US-3, TRANSFORMER SECTION.
- US-3, LOW VOLT SECTION.
- (N) PRIMARY SERVICE TO "US-3". RUN OVERHEAD ACROSS ELEC. ROOM FROM "US-4" HI VOLT SECTION. THENCE EAST APPROXIMATELY 65 FEET THRU SOUTH INTO "US-3". USING STENCIL, LABEL DUCT "HI-VOLT" WITH RED PAINT ON 10 FOOT CENTERS AND AT EACH END. PROVIDE "DANGER-HI VOLTAGE" SIGN; INSTALL ON ROOM DOOR USING SCREWS.
- REMOVE PANEL AND ALL RELATED WIRING. SEE DETAIL, SHEET E-11.
- PANELS N26, N27; REMOVE. SEE DETAIL, SHEET E-11. NOTE THIS IS A SECOND (E) PANEL LABELLED "N2".
- SEE 1/4" SCALE DRAWING DETAIL, SHEET E-11 FOR WIRING REVISIONS THIS AREA OF WORK.
- RELOCATE (E) LIGHTING PANEL, EXTERIOR CONTROL CABINET, AND TIME CLOCK TO NORTH WALL. PROVIDE (N) W/PLATE TO READ AS NOTED.
- (E) PULL BOX FOR OUTDOOR WALKWAY LIGHT CIRCUITS. RETERMINATE (E) CIRCUITS AT PH. "D1MA".
- (E) 3" FEEDER SERVING (E) PHS "N4" AND "N12", "N13", "N14" RISER (VERIFY) AT CEILING TO REMAIN.
- (E) 2" FEEDER SERVING (E) PH. "N25" AT CEILING TO REMAIN (VERIFY).
- (E) 2" FEEDER SERVING (E) PH. "N16" AT CEILING TO REMAIN (VERIFY).
- (E) 2" DUCT WITH FIRE ALARM WIRING TO REMAIN. PULL OUT ALL OLD WIRE. USE AS RACEMAY FOR (N) WIRE SERVING BUILDING "D" (NORTH). EXTEND SOUTH END TO NEW LOCATION (E) HONEYWELL DATA PANELS, RM. D141. SEE NOTE 59, BELOW.
- REMOVE PANEL AND ALL RELATED WIRING.
- RELOCATE MOTOR CONTROL CENTER TO (N) LOCATION SHOWN. SEE DETAIL, SHEET E-11. BOLT TO WALL AS REQUIRED. PROVIDE (N) PNEUMATIC W/PLATES TO INDICATE SWITCHES MADE "SPARE" DUE TO THIS WORK.
- FEEDER CONTINUES UP TO (E) PANEL "N17". REMOVE.
- REMOVE (E) DISCONNECT SWITCHES; RETAIN (E) WIREWAY. EXTEND (E) MIXER CIRCUIT TO (N) 40A-3P BREAKER PANEL "D1ME".
- (E) MIXER: 5 HP, 208 V, 3 Ø (VERIFY).
- (E) 600 AMP PANEL SERVES OVENS (3), GRILLE, FRYERS (2).
- 3-1/2" FEEDER ABOVE SUSPENDED CEILING THEN RUNS UNDERGROUND TO POWER BUILDING.
- (E) 3-1/2" FEEDER ABOVE T-BAR CEILING.
- (E) 2" FEEDER ABOVE CEILING.
- (E) DEACTIVATED MECHANICAL UNIT ABOVE CEILING CONNECTED TO (E) MCC "CCOB" TO REMAIN IN PLACE.
- SAME AS NOTE 45, EXCEPT TO BE REMOVED; DISCONNECT. LABEL SWITCH AT MCC "SPARE".
- SAME AS NOTE 45, EXCEPT CONNECTED TO (E) "MCC-DA". LEAVE DUCT STUB AND WIRE IN CORRIDOR J-BOX FOR POSSIBLE FUTURE CONNECTION TO "MCC-DM".
- (E) MECHANICAL UNIT AT CEILING CONNECTED TO (E) "MCC-DA" AND TO REMAIN IN USE. EXTEND (E) MOTOR CIRCUITS TO (N) "MCC-DM" LOCATION AS REQUIRED; RECONNECT TO APPLICABLE (E) STARTER ASSEMBLY. CIRCUITS SHOULD NOT BE LARGER THAN NO. 8 AWG.
- HOMERUN TO DOOR CONTROL CENTRAL PROCESSING UNIT ("CPU"), RM. D130.
- NOT USED.
- DOOR IDENTIFIER, TYPICAL; VERIFY WITH ARCHITECTURAL PLANS.
- CIRCUIT NUMBER FOR REFERENCE, ONLY. PROVIDE (N) 20A-1P BREAKER FOR SAME.
- FEEDER HOMERUN UNDERGROUND TO POWER BUILDING.
- UNDERSLAB FEEDER; VERIFY.
- (E) FEEDER DESTONATOR; SEE SCHEDULE FOR SIZE; VERIFY ALL PRIOR TO BID.
- PULL BOX AT CEILING. SEE SHEET E-2.
- (E) DUCT TO PANEL "N23"; REMOVE.
- DUCT UP THRU FLOOR, TYPICAL. GROUT FILL ALL CEILING SLAB PENETRATIONS THIS FLOOR AFTER REMOVAL OF (E) DUCTS.
- (N) MANUAL TRANSFER SWITCH. SEE ONE LINE DIAGRAM.

D1 FLOOR PLAN - POWER & SIGNAL
1/8" = 1'-0"



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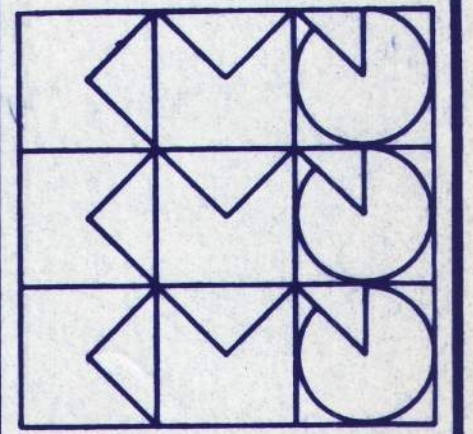
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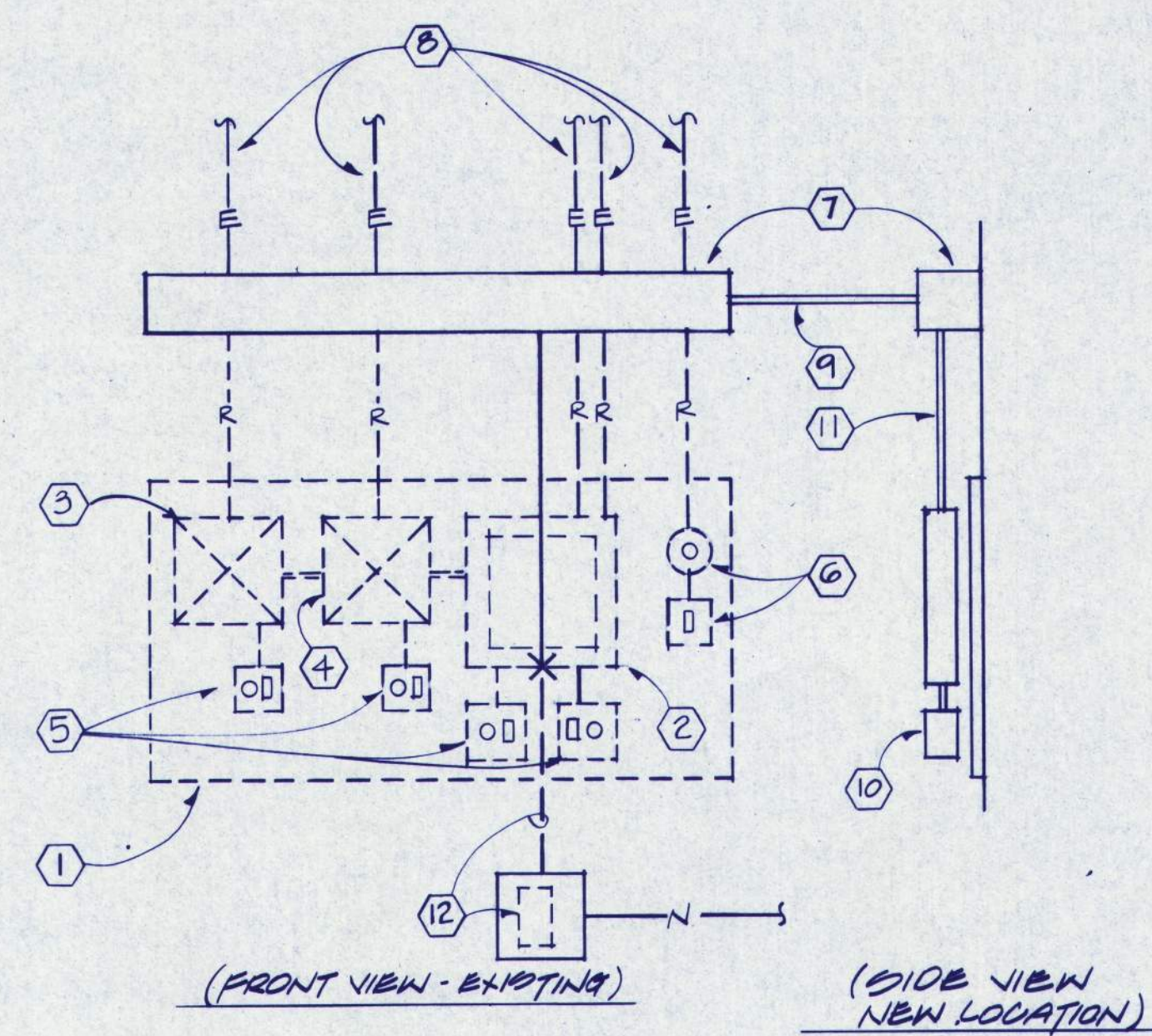
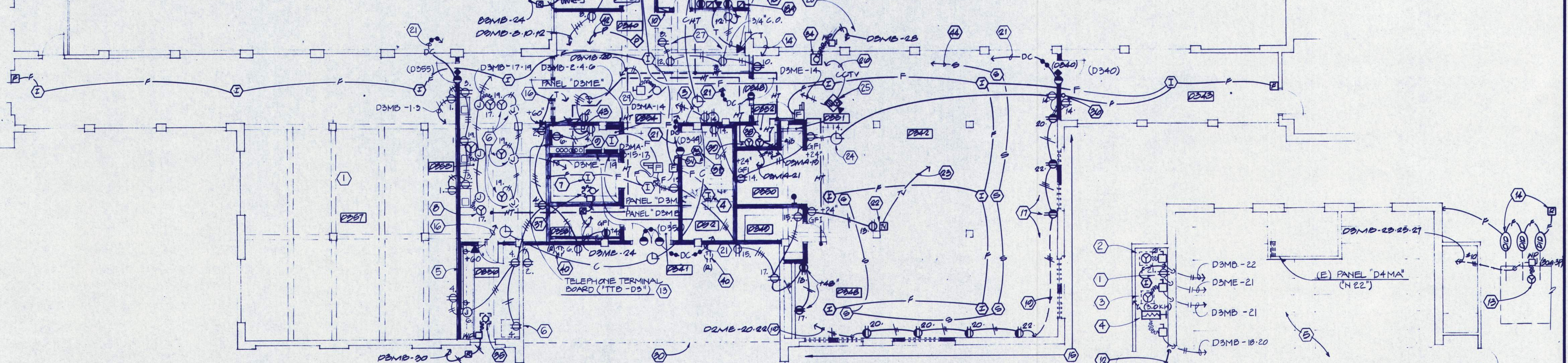
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- "03" (SOUTH) PLAN NOTES - POWER/SIGNAL**
- NO WORK THIS AREA EXCEPT TO MAINTAIN (E) CIRCUITS, U.O.N.
 - (E) AUDITORIUM VENTILATING CONTROL EQUIPMENT SURFACE MOUNTED ON WALL. RELOCATE WHERE SHOWN. SEE DETAIL, LEFT, THIS SHEET.
 - PROVIDE (N) 20A-1P BREAKER IN PANEL; CONNECT (N) CIRCUIT THERETO.
 - SEE SHEET E-8 FOR CONTINUATION TO FLOOR BELOW.
 - INSTALL DETECTOR AT TOP OF (N) STAIR SHAFT ENCLOSURE.
 - INSTALL PLUGSTRIP ABOVE COUNTER BACKSPLASH AT HEIGHT BY ARCHITECT, TYPICAL U.O.N.
 - CONNECT POWER CORDS FROM DENTAL CHAIR AS REQUIRED. PROVIDE J-BOX UNDER FLOOR AT "D2" CEILING BELOW. HOMERUN TO PANEL BELOW FLOOR.
 - INSTALL DETECTOR AT TOP OF ELEVATOR SHAFT.
 - CONNECT CEILING MOUNTED EXAM LIGHTS AS REQUIRED; VERIFY 3 LOCATIONS.
 - (M) MECHANICAL PIPING; COORDINATE.
 - FIRE ALARM ANNUNCIATOR PANEL. INSTALL TOP UP 6'-0" AFF.
 - INSTALL TELEPHONE OUTLET ABOVE COUNTER.
 - X-RAY PROCESSOR: 30 AMP, 120/208V, 1P. CONNECT AS REQUIRED THRU FLUSH MOUNTED 30A-1P BREAKER UP 5'-0" AFF.
 - PROVIDE 36" X 48" HIGH BACKBOARD.
 - HOMERUN 1" DUCT TO "TTB-3".
 - PLAN SHOWS WORK IN ROOM D342 AND D343 IS BASIC BID CONDITION. SEE PARTIAL PLAN SHEET E-10 FOR WORK REQUIRED UNDER ALT. NO. 1.
 - HOMERUN 3/4" DUCT TO "TTB-3".
 - INSTALL RECEPTACLES UP +30 AFF, TYPICAL AT PERIMETER WALL.
 - CCTV COUNTER TOP MONITOR SERVING ISOLATION AREA.

- SAME AS NOTE 18, EXCEPT SOUND MONITOR CONTROL STATION.
- RUN WIRING BELOW FLOOR.
- PROVIDE "HOSPITAL GRADE" QUALITY RECEPTACLES IN ROOMS D331, 332, 334, 335, 342, AND 348.
- TO DOOR CONTROL PROCESSING UNIT ("CCU"), ROOM D130 ("D1").
- INSTALL RECEPTACLE AND TV OUTLET SURFACE ON COLUMN UP 27'-0". USE "DRC" DUCTS AND "FS" BONES.
- RUN 3/4" C.O. INTO ATTIC SPACE BUILDING "E" FOR TV CABLE. EXTEND INTO ATTIC SPACE 200 FEET; TAG DUCT END "CABLE TV - MEDICAL UNIT".
- THIS OUTLET, ONLY, TO BE CLOCK HANGER TYPE RECEPTACLE. INSTALL UP 28'-0".
- THIS CAMERA TO BE RECESS CEILING MOUNTED. COORDINATE LOCATION WITH MECHANICAL CONTRACTOR. CONSIDERABLE CONCEALED DUCTWORK THIS AREA. INSTALL RECEPTACLE INSIDE HOUSING.
- TO CCTV TERMINAL BACK, "D1" EQUIPMENT ROOM BELOW "CCR".
- INSTALL OUTLETS FLUSH IN COUNTER WALL UP 24"; CONCEAL WIRING.
- WIRING CONTINUES DOWN TO OUTDOOR VISITING AREA CAMERA. SEE SHEET E-8.
- RETURN FAN, RF-1, ABOVE SUSPENDED CEILING: 1/2 HP, 120V, 1P. CONNECT AS REQUIRED THRU AUX. CONTACTS ON MAG. STARTER FOR ME-1.
- EDGE OF UPPER BALCONY ABOVE.
- (N) FLOW AND SUPERVISORY SWITCH SERVING "03" (SOUTH).
- EF-4: 25 HP, 120V, 1P ROOF MOUNTED. PROVIDE AND CONNECT THRU RELAY; COIL VOLTAGE BY MECHANICAL CONTRACTOR.

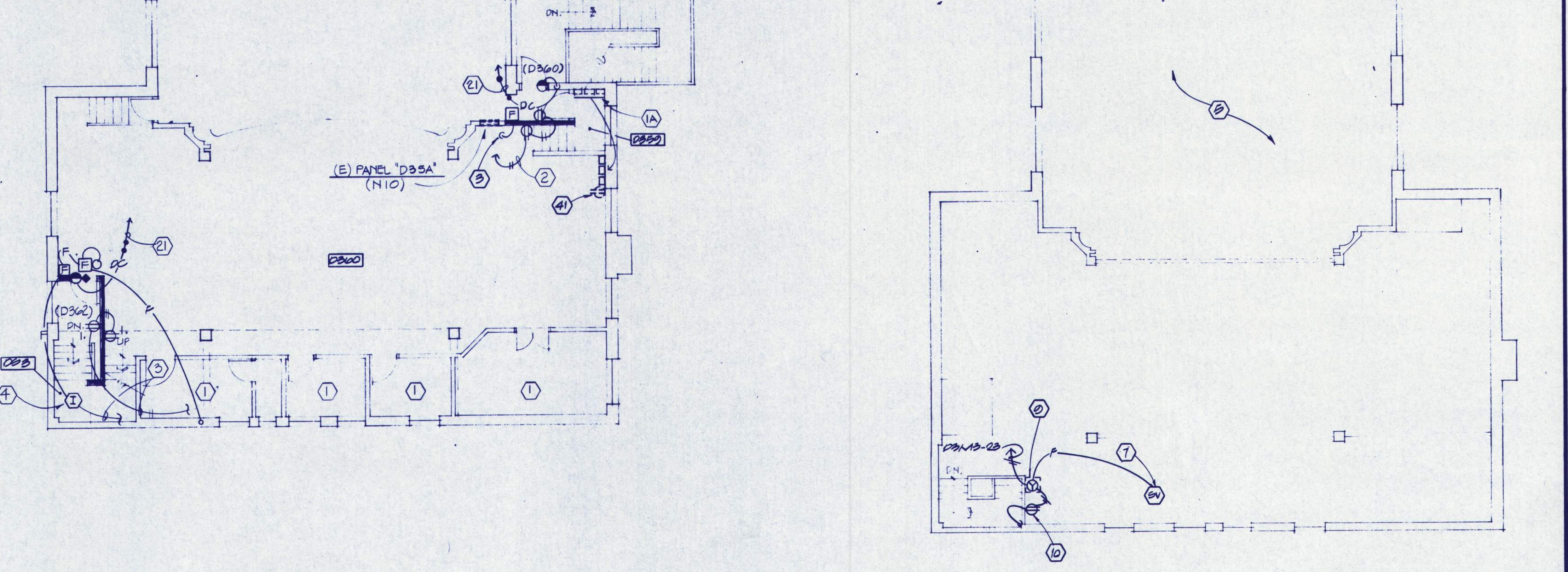
- EF-5: SAME AS FOR EF-4, EXCEPT CONTROL VIA SEPARATE WALL SWITCH.
- EF-6: 1/20 HP, 120V, 1P ROOF MOUNTED. CONNECT THRU AUX. CONTACTS ON MAG. STARTER FOR ME-1.
- EF-7: SAME AS FOR EF-4.
- ALARM WIRING GOES UP TO ME-1 DETECTORS.
- SUPPLY FAN (SF-1): 1/3 HP, 120V, 1P AT TOP OF ELEVATOR SHAFT. PROVIDE AND CONNECT THRU RELAY SO THAT ALL SHAFT AND ELEVATOR LOBBY DETECTORS ENERGIZE FAN MOTOR UPON ACTIVATION.
- PIPE HEAT POWER CONNECTION KIT FOR 105° F HEAT CABLE. COORDINATE SPECIFIC PIPE RUN TO BE PROTECTED WITH MECHANICAL CONTRACTOR TAG TO READ "105° HEAT CABLE RUN THIS FLOOR".
- SOME ALL WIRE 20, EXCEPT FOR 120° F HEAT CABLE. TAG TO READ "120° HEAT CABLE TO WATER TANK IN CHILLER ROOM".
- REMOVE RECEPTACLE IN (E) WALL.
- RELOCATE SURFACE OUTLET TO JUST ABOVE (N) BACKBOARD.
- TO PAGING SYSTEM AMPLIFIER, ROOM D130, BELOW.
- PROVIDE ELECTRICAL CONNECTION TO MECHANICAL SYSTEM TIME CLOCK.
- TO SOUND MONITOR SYSTEM CONTROL UNIT, RM. D350.



AUDITORIUM H.V.A.C. CONTROL PANEL DETAIL
NO SCALE (ELEVATION)

- CONTROL PANEL DETAIL NOTES**
- (E) PLYWOOD BACKBOARD. LEAVE IN PLACE. RELOCATE ALL COMPONENTS THEREON TO (N) BACKBOARD AROUND CORNER ON EAST WALL, U.O.N.
 - (E) 12 CIRCUIT LOAD CENTER.
 - (E) MOTOR STARTER SERVING SOUTH AIR CONDITIONING UNIT.
 - (E) STARTER SERVING NORTH A/C UNIT.
 - (E) CONTROL SWITCH WITH PILOT LIGHT.
 - (E) LAMP HOLDER AND SWITCH.
 - PROVIDE (N) 4" X 4" X 48" LONG WIREWAY WITH SCREW COVER.
 - (E) WIRING CONTINUES TO LOADS; REITERMINATE TO (N) WIREWAY. EXTEND CIRCUITS TO (N) CONTROL PANEL LOCATION AS REQUIRED.
 - (N) 2" DUCT BETWEEN WIREWAYS. USE FOR ALL WIRE EXTENSIONS.
 - (N) CONTROL PANEL LOCATION (SIDE VIEW).
 - (N) WIRING FROM WIREWAY TO INDIVIDUAL DEVICES AS REQUIRED.
 - PROVIDE (N) J-BOX AT "LB" LOCATION. REROUTE (E) FEEDER FROM "D1" KITCHEN AREA BELOW INSIDE BUILDING TO (N) LOAD CENTER LOCATION VIA 1" DUCT TO WIREWAY; CONNECT AS REQUIRED.

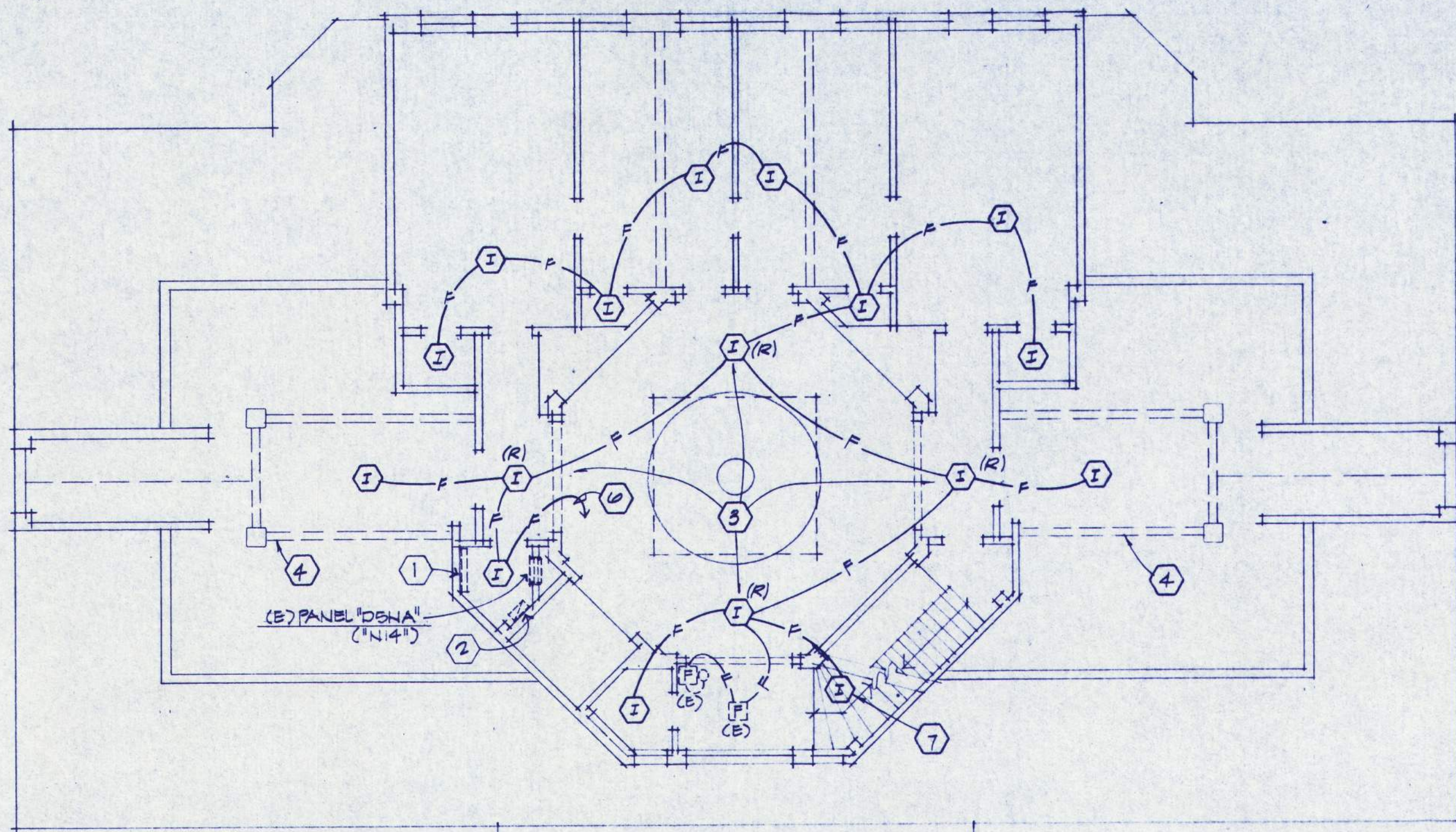
- "04" (SOUTH) PLAN NOTES - POWER/SIGNAL**
- RECEPTACLE FOR AIR DRYER. INSTALL UP 24" AFF.
 - DENTAL AIR COMPRESSOR: 3/4 HP, 120V, 1P. PROVIDE 30A-1P DISCONNECT WITH NAMEPLATE. VERIFY LOCATION.
 - DENTAL VACUUM PUMP: 1 HP, 120V, 1P. PROVIDE 60A-1P DISCONNECT WITH NAMEPLATE. VERIFY LOCATION.
 - UNIT HEATER: 3 KW, 208V, 1P. CONNECT THRU 30A-2P DISCONNECT FUSED 20 AMP WITH NAMEPLATE.
 - NO WORK THIS AREA EXCEPT MAINTAIN (E) CIRCUITS, U.O.N.
 - UPPER BALCONY RAIL EDGE.
 - (N) SUPERVISORY SWITCH SERVING "04" (SOUTH) AND ATTIC SPRINKLER SYSTEM.
 - NOT USED.
 - DRY SPRINKLER SYSTEM AIR COMPRESSOR: 1/3 HP, 120V, 1P. CONNECT AS REQUIRED. ALSO CONNECT ALARM OUTPUT TERMINAL INTO FIRE ALARM SYSTEM AS "TROUBLE" CONDITION.
 - RECEPTACLE FOR AIR DRYER.
 - EF-16: 3/4 HP, 208V, 1P ROOF MOUNTED. CONNECT AS REQUIRED.
 - STARTER CONTROL CIRCUIT DOWN TO SWITCH, "D2" KITCHEN BELOW.
 - MULTI-ZONE UNIT (MZ-1): 5 HP, 208V, 3P ROOF MOUNTED. SINGLE POINT CONNECTION. RUN CIRCUIT INSIDE UNIT ROOF CURB.
 - INSTALL DETECTORS IN COLD DECK, HOT DECK, AND RETURN AIR DUCT AT LOCATIONS BY MECHANICAL CONTRACTOR. CONNECT TO SHUT DOWN ME-1 AS REQUIRED. RUN WIRING INSIDE UNIT CURB.



D3 FLOOR PLAN - POWER & SIGNAL
1/8" = 1'-0"
SOUTH

D4 FLOOR PLAN - POWER & SIGNAL
1/8" = 1'-0"
SOUTH

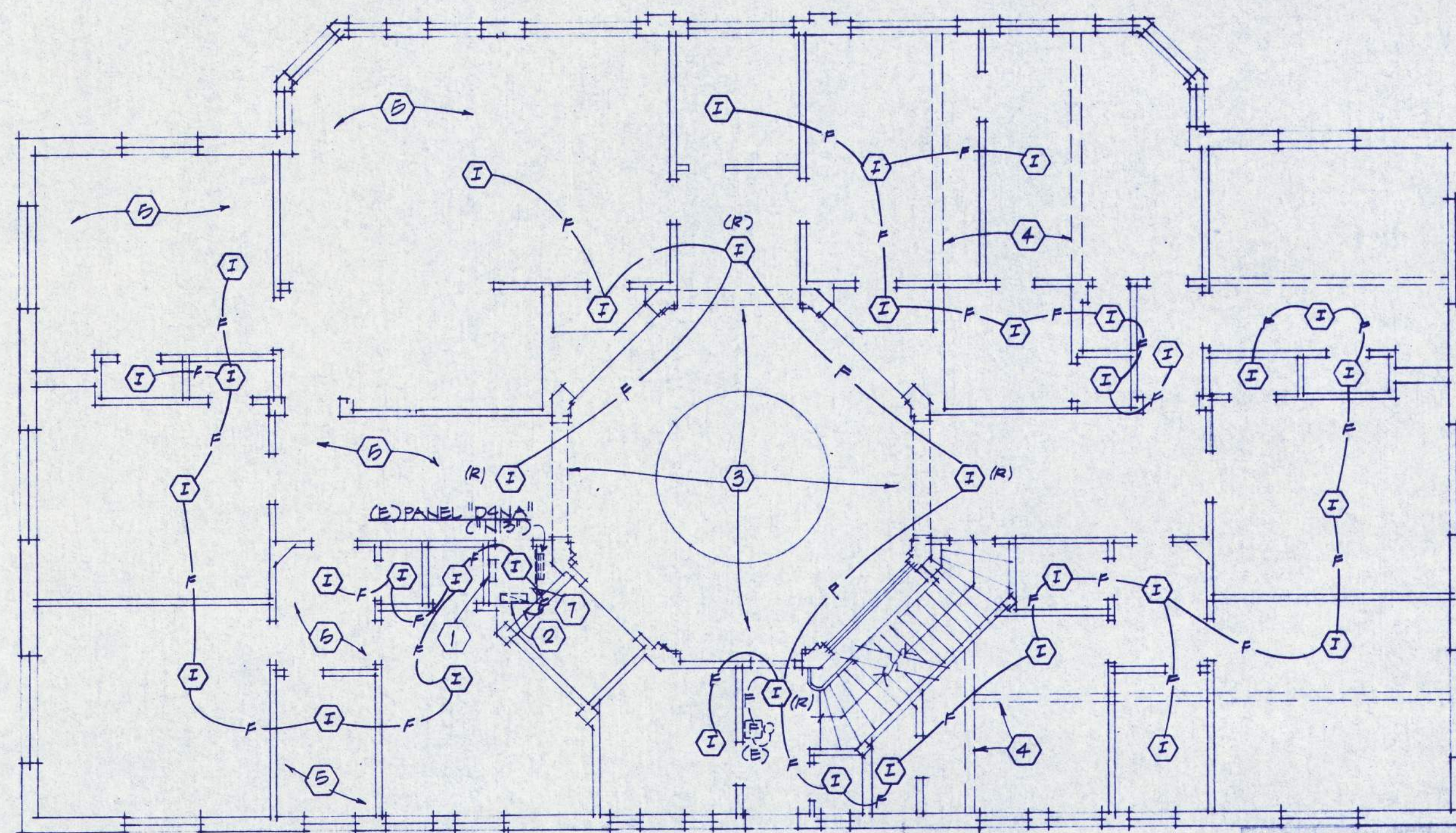




D5 FLOOR PLAN - POWER & SIGNAL
1/8" = 1'-0"
N NORTH

"D5" (NORTH) PLAN NOTES - POWER/SIGNAL

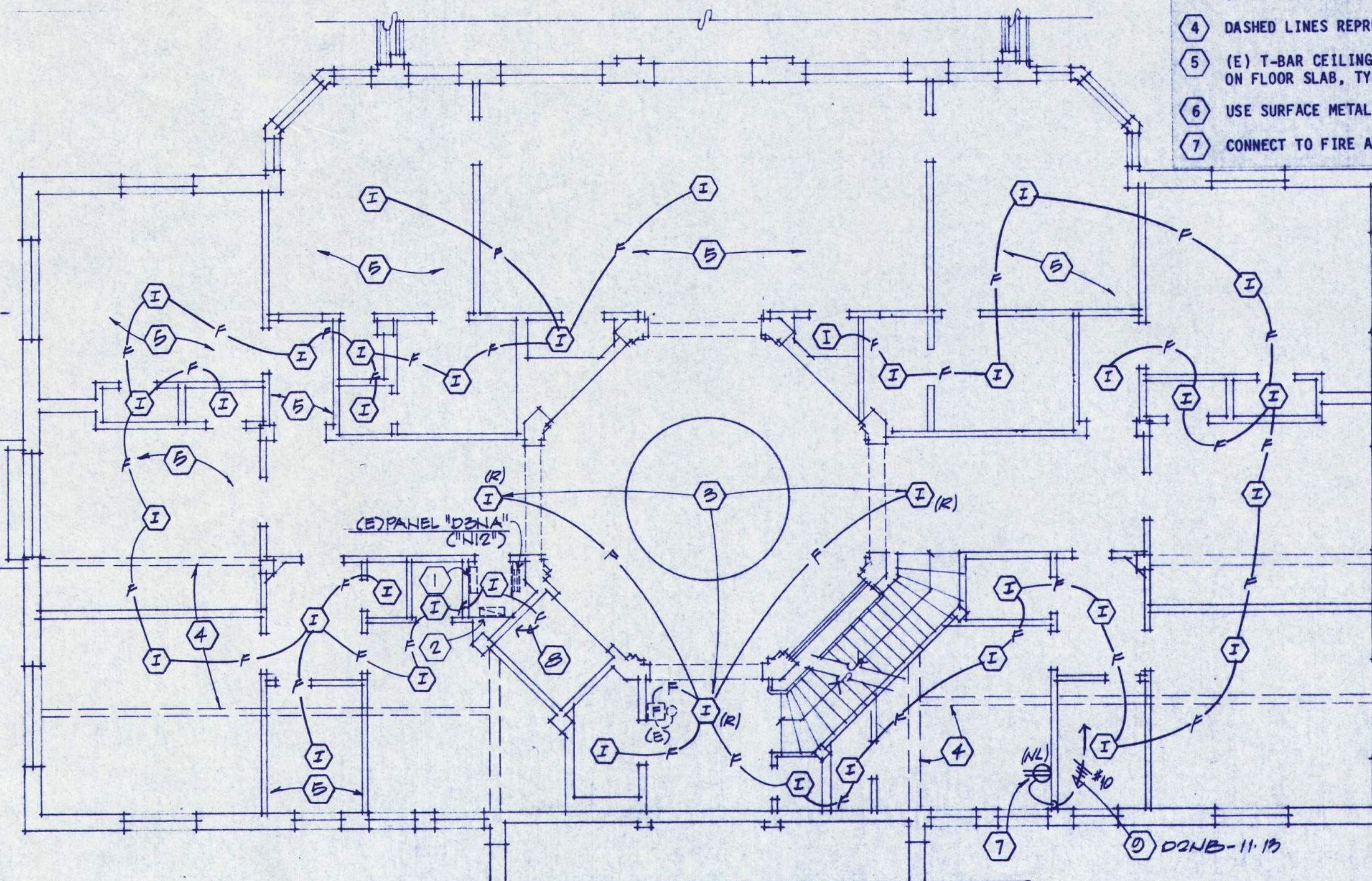
- 1 (E) TELEPHONE TERMINAL CABINET.
- 2 (E) FIRE ALARM J-BOX.
- 3 REPLACE (E) DETECTOR WITH NEW, TYPICAL FOR THREE, THIS FLOOR. ALL PLAN SHOWN WORK IS BASIC BID.
- 4 DASHED LINES REPRESENT OVERHEAD BEAMS.
- 5 USE SURFACE METAL RACEWAY FOR ALL EXPOSED FIRE ALARM WIRING, THIS FLOOR.
- 6 CONNECT TO FIRE ALARM J-BOX AS REQUIRED.
- 7 INSTALL AT TOP OF STAIR.



D4 FLOOR PLAN - POWER & SIGNAL
1/8" = 1'-0"
N NORTH

"D4" (NORTH) PLAN NOTES - POWER/SIGNAL

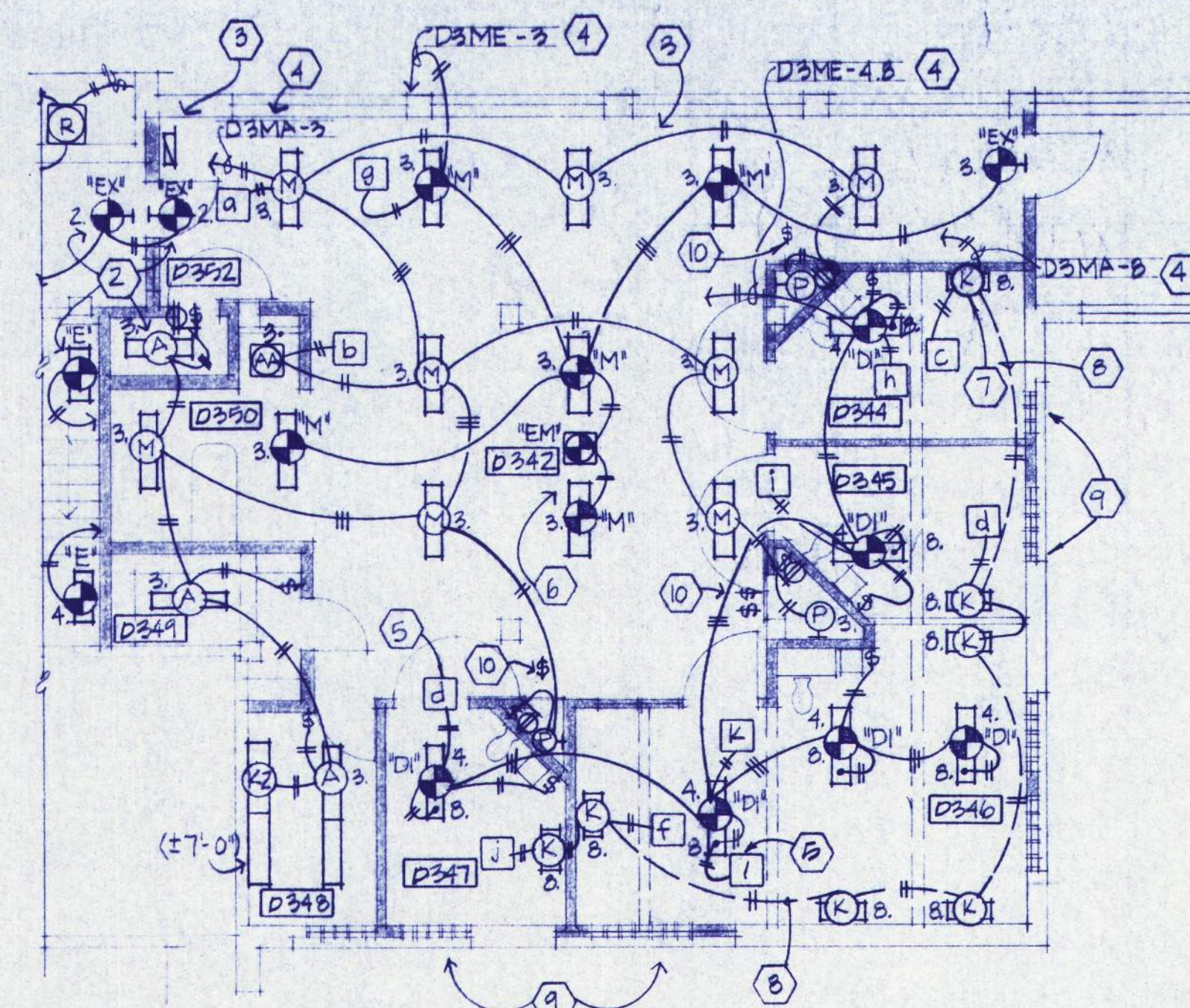
- 1 (E) TELEPHONE TERMINAL CABINET.
- 2 (E) FIRE ALARM J-BOX.
- 3 REPLACE (E) DETECTOR WITH NEW, TYPICAL FOR FOUR, THIS FLOOR. ALL PLAN SHOWN WORK IS BASIC BID.
- 4 DASHED LINES REPRESENT OVERHEAD BEAMS.
- 5 (E) T-BAR CEILING THIS ROOM (VERIFY). ALL OTHERS ARE FULL HEIGHT PLASTER ON FLOOR SLAB, TYPICAL.
- 6 USE SURFACE METAL RACEWAY FOR ALL EXPOSED FIRE ALARM WIRING, THIS FLOOR.
- 7 CONNECT TO FIRE ALARM J-BOX AS REQUIRED.



D3 FLOOR PLAN - POWER & SIGNAL
1/8" = 1'-0"
N NORTH

"D3" (NORTH) PLAN NOTES - POWER/SIGNAL

- 1 (E) TELEPHONE TERMINAL CABINET.
- 2 (E) FIRE ALARM J-BOX.
- 3 REPLACE (E) DETECTOR WITH NEW, TYPICAL FOR THREE, THIS FLOOR. ALL PLAN SHOWN WORK IS BASIC BID.
- 4 DASHED LINES REPRESENT OVERHEAD BEAMS.
- 5 (E) T-BAR CEILING THIS ROOM (VERIFY). ALL OTHERS ARE FULL HEIGHT PLASTER ON FLOOR SLAB, TYPICAL.
- 6 USE SURFACE METAL RACEWAY FOR ALL EXPOSED FIRE ALARM WIRING, THIS FLOOR.
- 7 RELOCATE (E) XEROX COPY MACHINE RECEPTACLE FROM FLOOR BELOW; VERIFY MACHINE LOCATION P.T.R.I.
- 8 CONNECT TO FIRE ALARM J-BOX AS REQUIRED. REMOVE ALL NON-USED WIRE IN RISER DUCT AND UPPER FLOOR J-BOXES. TAG NEW WIRE FOR CIRCUIT AND ZONE NUMBER.
- 9 HOMERUN TO PANEL SHOWN UNDER ALT. NO. 2, ONLY. UNDER BASIC BID, EXTEND (E) CIRCUIT FROM BASEMENT PANEL "D1NB" (N4) TO (N) OUTLET AS REQUIRED.



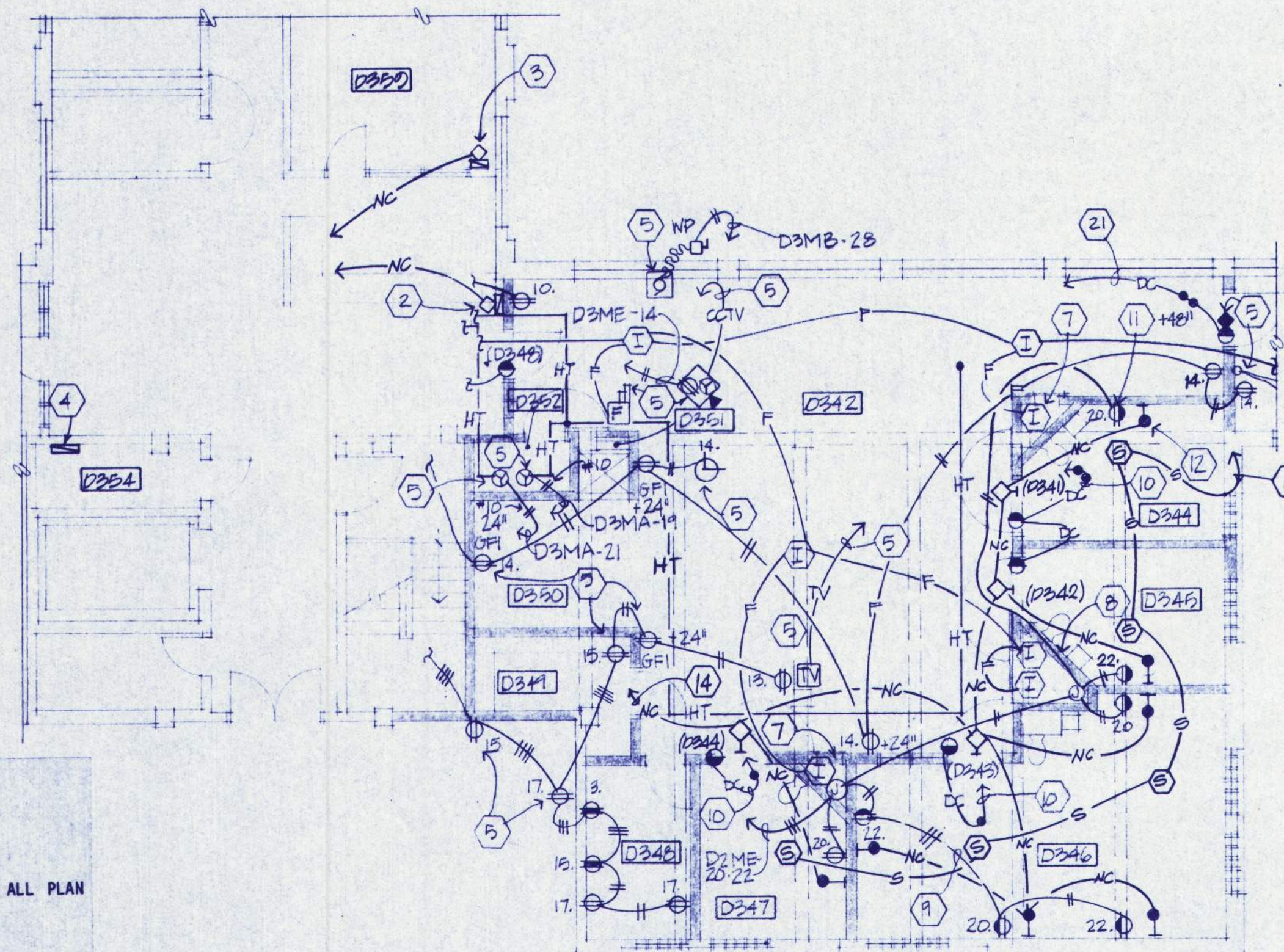
PARTIAL FLOOR PLAN "D3" SOUTH LIGHTING
1/8" = 1'-0"
(ALT. NO. 1)

PARTIAL "D3" FLOOR PLAN NOTES - LIGHTING

- 1 PROVIDE WORK SHOWN IN ISOLATION AREA ABOVE UNDER ALT. NO. 1, ONLY. ROOMS D342, D344 THRU D351 APPLY. SEE SHEET E-6 FOR ALL OTHER LIGHTING WORK EAST AND WEST OF THIS AREA TO BE PROVIDED UNDER BASIC BID, U.O.N.
- 2 THIS OUTLET ALSO SHOWN ON BASIC BID PLAN, SHEET E-6. CIRCUITRY MAY NOT BE SIMILAR.
- 3 ISOLATION LIGHTING CONTROL PANEL "ILCP". INSTALL FLUSH IN WALL, TOP AT 6'-0" AFF. SEE PANEL DETAIL, SHEET E-11.
- 4 RUN CIRCUITS THRU "ILCP" SWITCHES.

5 LIGHT SWITCH DESIGNATOR. TYPICAL 10 SWITCHES. INSTALL SWITCH AT "ILCP". SEE PANEL DETAIL, SHEET E-11.

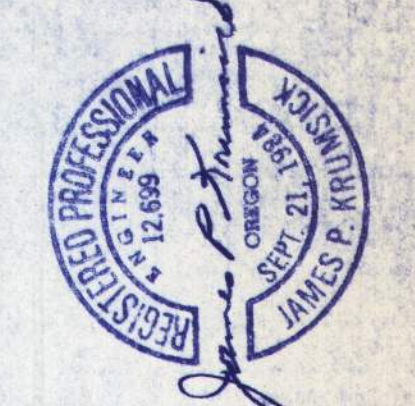
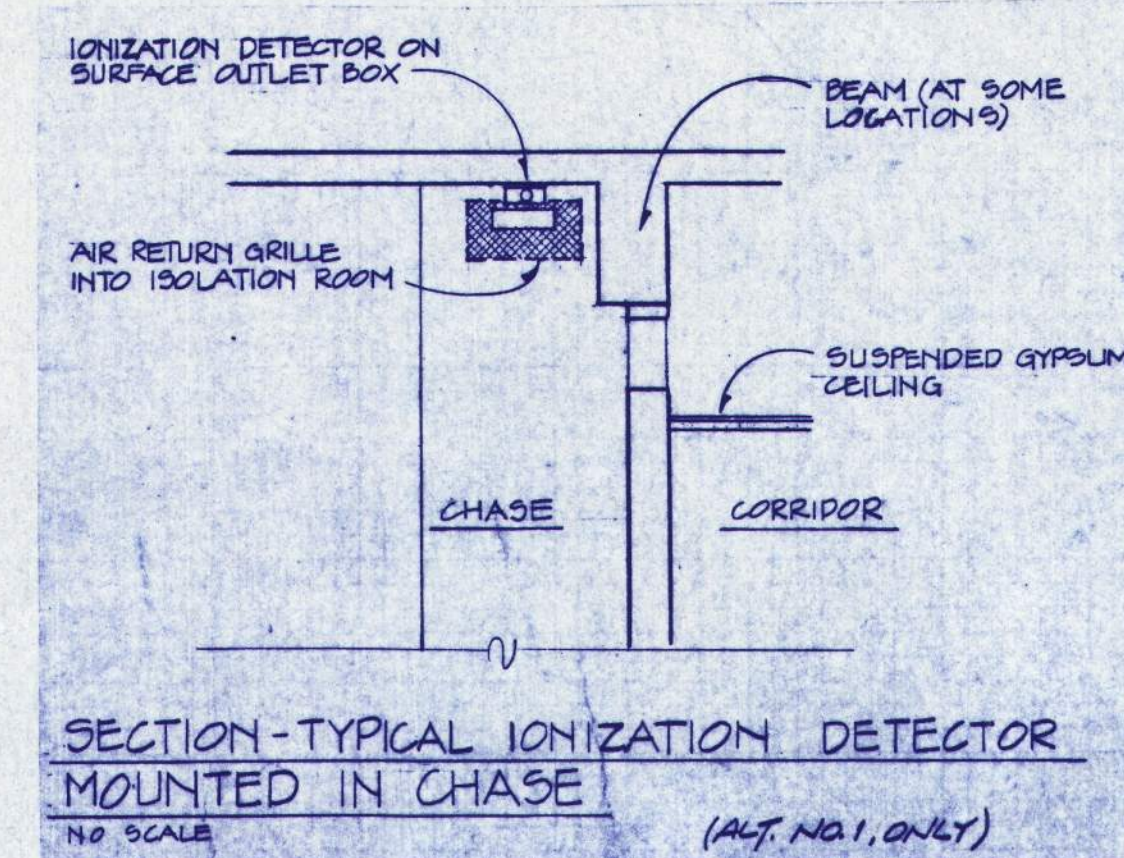
- 6 CONNECT TO CIRCUIT HOT LEG AS REQUIRED.
- 7 INSTALL TYPE "X" FIXTURES UP 45'-0" AFF. TYPICAL FOR 7. VERIFY BED HEIGHT WITH OWNER. INSTALL FOR BEST READING LIGHTING IN A SITTING POSITION.
- 8 RUN WIRING DOWN IN (H) WALL TO CEILING BELOW BETWEEN LUMINAIRES, TYPICAL.
- 9 SEE WIRING DETAILS, SHEET E-11, FOR CIRCUITING THESE ROOMS. CEILINGS WILL BE (E) CONCRETE SLAB WITHOUT FINISH TREATMENT.
- 10 LIGHT SWITCH ABOVE CHASE ACCESS PANEL. SEE DETAILS, SHEET E-11.



PARTIAL FLOOR PLAN "D3" SOUTH-POWER/SIGNAL
1/8" = 1'-0"
(ALT. NO. 1)

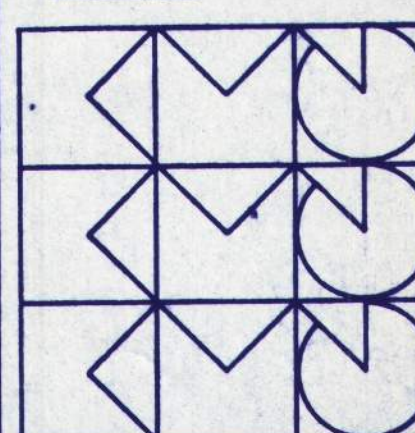
PARTIAL "D3" FLOOR PLAN NOTES - POWER/SIGNAL

- 1 PROVIDE WORK SHOWN IN ISOLATION AREA ABOVE UNDER ALT. NO. 1, ONLY. ROOMS D342, D344 THRU D351 APPLY. SEE SHEET E-9 FOR ALL OTHER WORK SHOWN EAST AND WEST OF THIS AREA TO BE PROVIDED UNDER BASIC BID, U.O.N.
- 2 UNDER ALT. NO. 1, PROVIDE NURSE CALL ANNUNCIATOR UP 4'-6" AFF FLUSH IN WALL; COORDINATE LOCATION.
- 3 UNDER ALT. NO. 1, PROVIDE NURSE CALL DUTY STATION UP 45'-0" AFF FLUSH IN WALL.
- 4 UNDER ALT. NO. 1, PROVIDE NURSE CALL SYSTEM CENTRAL EQUIPMENT, STAFF STATIONS, ETC. SURFACE MOUNTED UP 45'-0".
- 5 THIS OUTLET ALSO SHOWN ON BASIC BID PLAN, SHEET E-9. SEE APPLICABLE NOTE, IF ANY, THAT SHEET FOR DESCRIPTION.
- 6 PROVIDE HOSPITAL GRADE RECEPTACLES IN ALL ROOMS TO INCLUDE D342 AND ALL FOUR ISOLATION CELLS.
- 7 INSTALL DETECTOR AT MECHANICAL CHASE CEILING (EXISTING CONCRETE). SEE DETAIL, TYPICAL FOR FOUR LOCATIONS.
- 8 RUN RECEPTACLE WIRING CONCEALED IN CORRIDOR CEILING AND ISOLATION ROOM WALLS. EXTEND RUNS FROM CHASE MOUNTED J-BOXES.
- 9 RUN WIRING BELOW FLOOR.
- 10 TO DOOR CONTROL PROCESSING UNIT ("CPU"), ROOM D130 ("D1").
- 11 INSTALL RECEPTACLES UP 430" AFF, TYPICAL FOUR ISOLATION ROOMS.
- 12 INSTALL CALL IN SWITCH UP 448" AFF, TYPICAL.
- 13 TO SOUND MONITOR CONTROL UNIT IN NURSES OFFICE RM. D350.
- 14 TO NURSE CALL SYSTEM CENTRAL EQUIPMENT, ONE (4) ABOVE.



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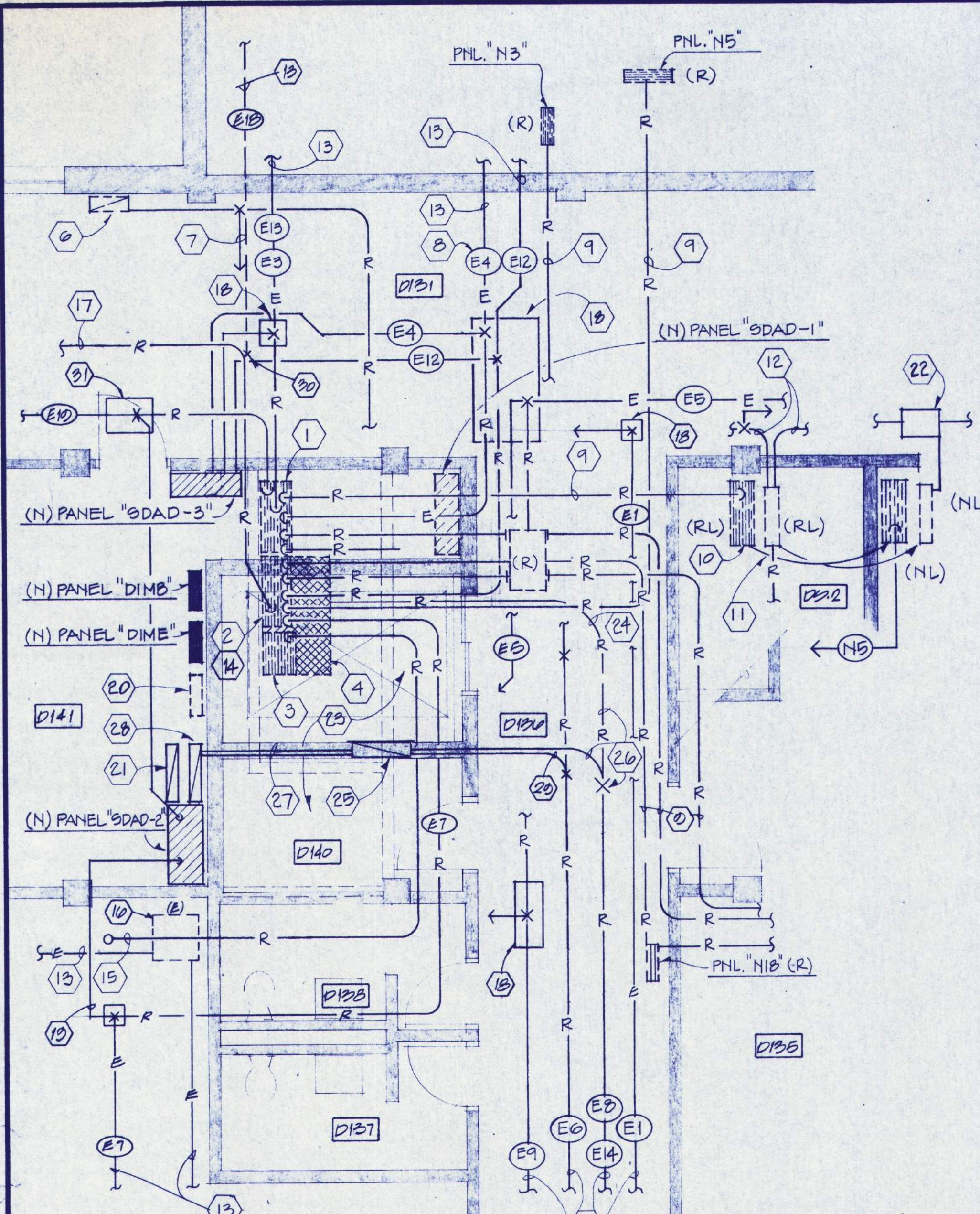
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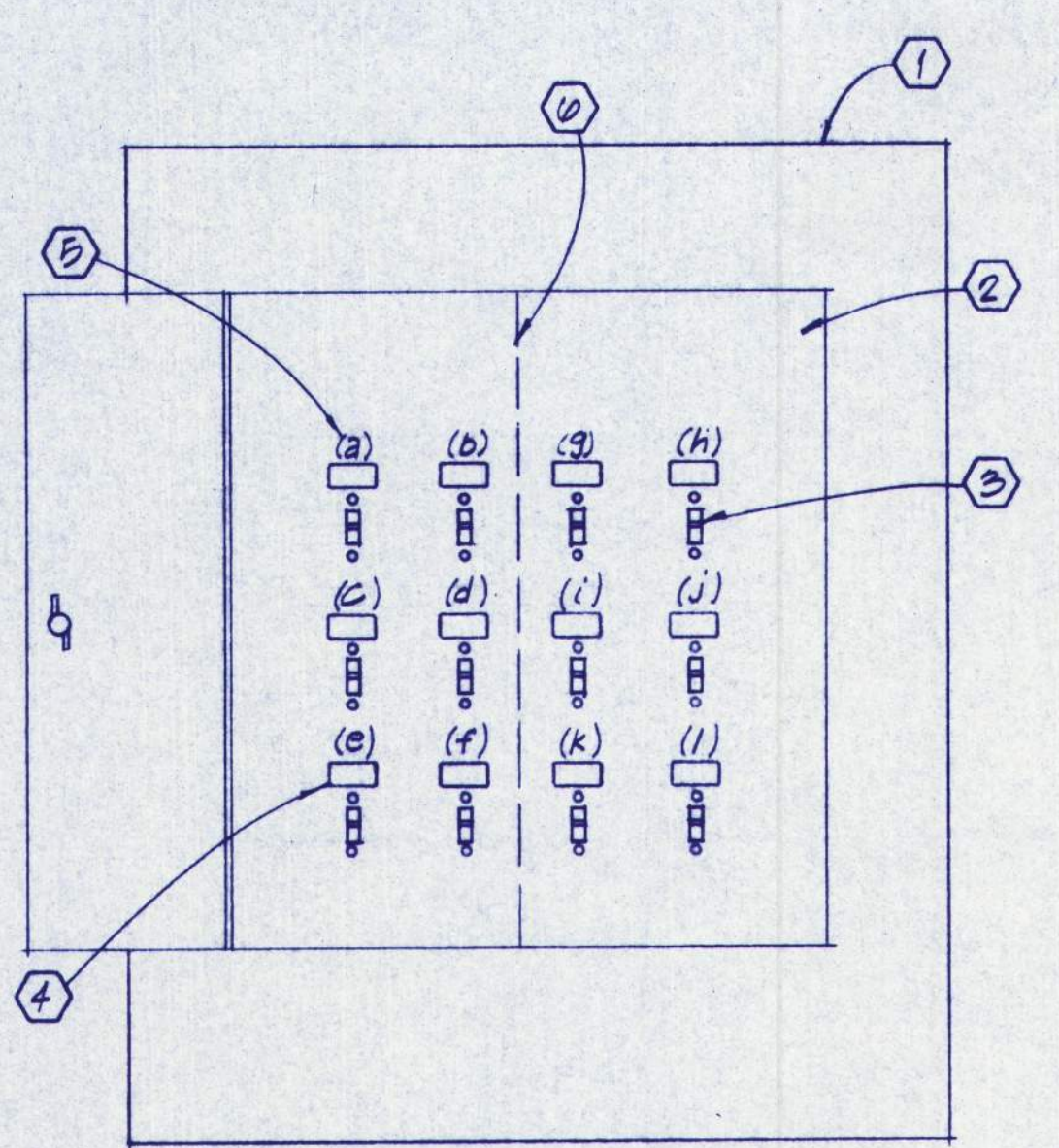


PARTIAL FLOOR PLAN "DI" - DISTRIBUTION SYSTEM DETAIL
1/4" = 1'-0"

- DISTRIBUTION SYSTEM DETAIL NOTES**
- (E) 600 AMP DISTRIBUTION PANELBOARD "SD-N1"; REMOVE. RECONNECT LOAD SIDE FEEDERS TO (N) "SDAD-2" AND "SDA-3" AS SHOWN ON ONE LINE DIAGRAM.
 - (E) DISTRIBUTION PANEL "N-26". REMOVE. RECONNECT CIRCUITS TO (N) "SDAD-2" AS REQUIRED.
 - (E) PANELS "N2" AND "N27". REMOVE. RECONNECT ALL BRANCH CIRCUITS TO REMAIN TO PANEL "DIMB" AS REQUIRED. FOR BIDDING PURPOSES FIGURE (10) 20 AMP BRANCH CIRCUITS.
 - (E) DISTRIBUTION PULL BOX PARTIALLY RECESSED INTO FLOOR AND UNDER PANEL "N26". REMOVE ENTIRE BOX TO ACCOMMODATE (N) ELEVATOR PIT. REMOVE ALL (E) DUCTS AND OLD WIRING ATTACHED TO BOX BEYOND AREA OF (N) PIT. TWO 200 AMP CIRCUITS IN ONE PIPE HEAD EAST FROM BOX TO (E) PANELS "N8" AND "N10". SEE ONE LINE DIAGRAM.
 - NOT USED.
 - (E) LIGHT CIRCUIT PULL BOX TO REMAIN.
 - INTERCEPT, EXTEND, AND RECONNECT (E) 2" DUCT AND APPROX. (16) - 20A 1 POLE AND 2 POLE CIRCUITS WITH GROUNDS (MOST ARE #6 AWG) TO RELOCATED PANEL "A" AS REQUIRED.
 - FEEDER CIRCUIT DESIGNATOR, TYPICAL WHERE SHOWN. SEE FEEDER SCHEDULE FOR DISPOSITION.
 - REMOVE (E) OVERHEAD 100 AMP FEEDER.
 - RELOCATE (E) MCC-D4". SEE PLAN, SHEET E-7.
 - RELOCATE (E) WIRERAY ABOVE "MCC-D4" WITH (9) BRANCH CIRCUITS OUT TOP TO (E) CEILING HUNG MECHANICAL VENTILATING UNITS.
 - (7) CIRCUITS IN 3/4" DUCTS HEAD EAST AND WEST DOWN CORRIDOR. EXTEND (E) CIRCUITS TO (N) "MCC" LOCATION AS DESCRIBED ON PLAN, SHEET E-7.
 - SEE PLAN, SHEET E-7 FOR FEEDER CONTINUATION.
 - APPROX. (9) 1" AND SMALLER BRANCH CIRCUITS AT CEILING FROM KITCHEN AREA TERMINATE AT PANEL "N26" TOP. DETERMINE LOADS SERVED. RECONNECT THOSE STILL IN USE TO NEW PANEL "DIMB" AS REQUIRED. FIGURE (6) TOTAL EXTENSIONS FOR BIDDING PURPOSES. REMOVE OTHERS BACK TO SOUTH SIDE OF NEW DOOR D138.
 - REMOVE (E) 1-1/2" FEEDER UP TO (E) PANEL AT FLOOR ABOVE.
 - (E) PULLBOX AT CEILING TO REMAIN. SEE PLAN SHEET E-6.
 - REMOVE (E) 2" FEEDER TO OLD LOCATION OF PANEL "N23" AT FLOOR ABOVE.
 - INTERCEPT/EXTEND FEEDERS TO (N) "SDAD-2" AND "SDAD-3" VIA (N) SPLICE BOX (ES) AS REQUIRED. SEE PLAN SHEET E-7.
 - NOT USED.
 - LEAVE SPACE ON WALL FOR FUTURE PANELBOARD.
 - (N) MANUAL TRANSFER SWITCH; SEE ONE LINE DIAGRAM.
 - PROVIDE (N) PULLBOX FOR HVAC CIRCUIT EXTENSIONS AS REQUIRED.
 - ELEVATOR HOISTWAY AND ADJACENT MACHINE ROOM. NO WIRING ALLOWED WITHIN UNLESS ELEVATOR RELATED.
 - BEST ESTIMATE FOR LOCATION 3-1/2" UNDERSLAB DUCT CONTAINING (2) 200 AMP FEEDER CIRCUITS (8 #4/0, CU); VERIFY. REMOVE SLAB AND EXPOSE TO ALLOW SECTION REMOVAL.
 - PROVIDE (N) 30" W X 24" H X 8" DEEP SPLICE BOX FLUSH IN PIT WALL. COORDINATE LOCATION WITH ELEVATOR INSTALLER TO AVOID LOCATION CONFLICTS.
 - CUT BACK (E) DUCT AS REQUIRED. EXTEND (N) 3-1/2" SECTION WITH (E) CONDUCTORS UNDERSLAB INTO SIDE OF SPLICE BOX. RETURN FLOOR SLAB TO (E) CONDITION.
 - EXTEND DUCTS INTO (N) SURFACE MOUNTED PULLBOX. USE (2) 2-1/2" DUCTS WITH #4/0, CU CONDUCTORS SPLICED AS REQUIRED.
 - (N) PULLBOX, SIZE AS REQUIRED, INSTALLED BELOW TRANSFER SWITCH.
 - SAME AS NOTES 24 AND 26 EXCEPT FOR 1-1/2" DUCT AND 100 AMP CIRCUIT. EXTEND INTO PULLBOX AND BEYOND TO "SDAD-2" AS REQUIRED.
 - ABANDON (E) UNDERSLAB ELEVATOR FEEDER. SEE SHEET E-3 FOR (N) OVERHEAD FEED UNDER BASIC BID.
 - PROVIDE SPLICE BOX AT CEILING TO EXTEND (E) 600 AMP FEEDER TO "SDAD-2".

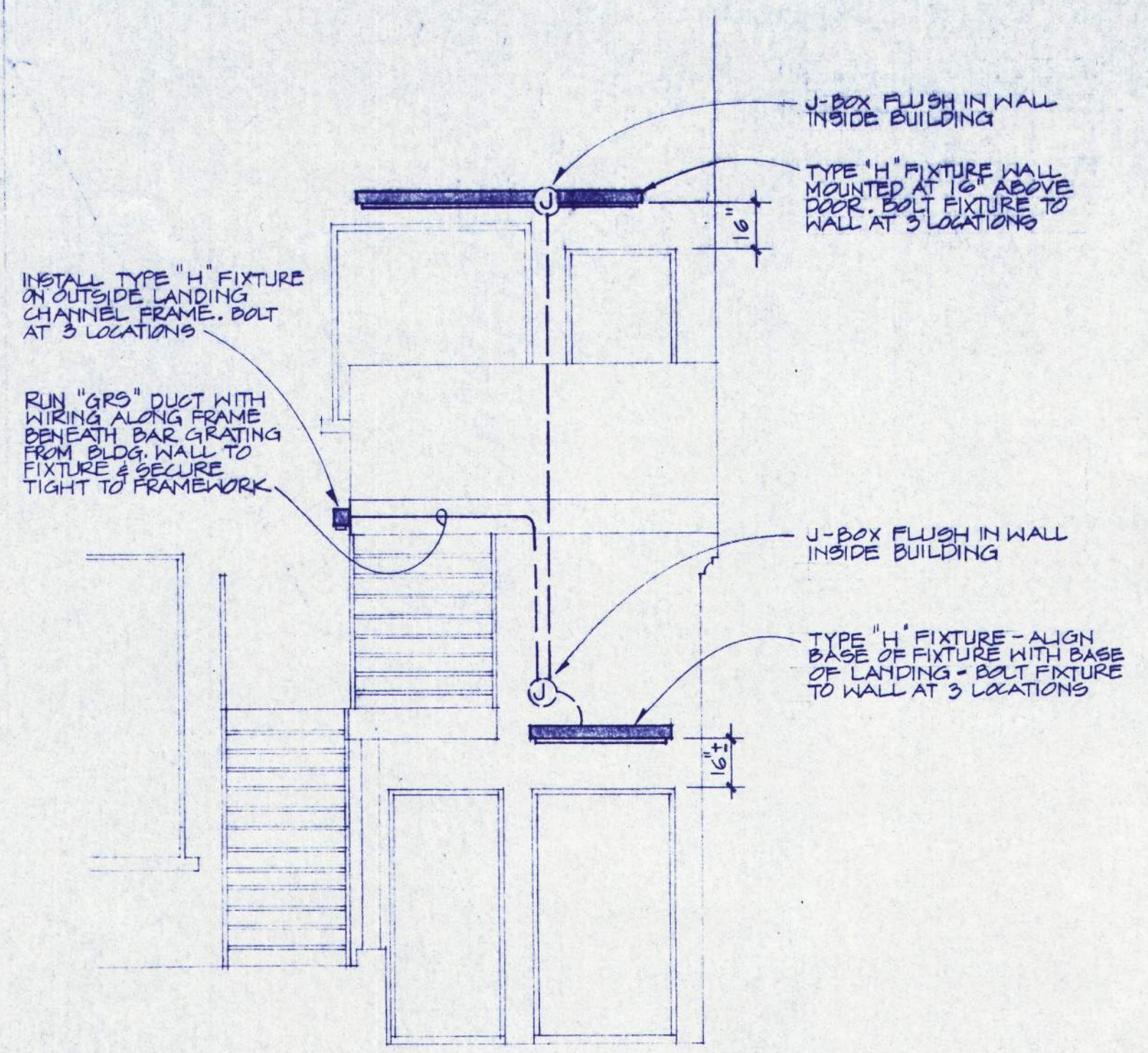
ONE LINE DIAGRAM FEEDER SCHEDULE

EXISTING DESIGNATOR	PANEL SERVED	REMARKS	DUCT SIZE (VERIFY ALL)	CONDUCTORS (EXTEND SAME SIZE AS EXISTING; VERIFY ALL)
E1	A/C AUDITORIUM	INTERCEPT/ROUTE	1"	4 #6
E2	NOT USED			
E3	"D1MB" (N4)	INTERCEPT/EXTEND	2-1/2"	(4) #1
E4	"D1MA" (N25)	INTERCEPT/EXTEND	2-1/2"	(4) #4/0
E5	"D1MB" (N19)	INTERCEPT/EXTEND	3"	(4) #4/0
E6	"D1SA" (N6)	INTERCEPT/EXTEND	1-1/2"	4 #1 (POSSIBLE UNDER SLAB RUN)
E7	"D1SB" (N29)	INTERCEPT/EXTEND	2"	4 #1/0
E8	"D1SD" (N8)	INTERCEPT/EXTEND	3-1/2"	4 #4/0
E9	"D1SE" (N21)	INTERCEPT/EXTEND	2"	4 #4
E10	"D1SF" (N1)	NO CHANGE	3-1/2"	UNKNOWN
E11	"D1SG" (D1)	NO CHANGE	UNKNOWN	UNKNOWN
E12	"D2MA" (N16)	INTERCEPT/EXTEND	2" C	4 #1/0
E13	"D3MA" (N12)	INTERCEPT/EXTEND	2" C	4 #1/0
E14	"D3SA" (N10)	INTERCEPT/EXTEND	3-1/2" C	4 #4/0
E15	"D4MA" (N13)	NO CHANGE	UNKNOWN	4 #6
E16	"D4MA" (N22)	NO CHANGE	UNKNOWN	4 #6
E17	"D5MA" (N14)	NO CHANGE	UNKNOWN	4 #6
E18	(E) ELEVATOR; SEE PLANS		1-1/2"	3 #1
E19	"SDAD-2"		(2) 3-1/2"	4 #500 MCM EACH
NEW FEEDERS (ALL COPPER)				
N1	"D1ME/D2ME/D3ME"		1-1/4"	4 #4, TV
N2	"SDAD-1"		(2) 3"	3 #350 MCM & (1) #4/0 (N), THW EACH
N3	"SDAD-2"		(2) 3-1/2"	4 #350 MCM, THW EACH
N4	"SDAD-3"		(2) 3"	3 #350 MCM & 1 #4/0 (N), THW EACH
N5	(E) "MCC-D4"		1-1/2"	4 #1, THW
N6	"D1MA"		1-1/2"	4 #1, THW
N7	"D1MB"		2-1/2"	4 #4/0, THW
N8	"D2ME"		1"	4 #6, TV
N9	(N) ELEVATOR		1-1/4"	3 #8, THW
N10	"D2MB"		2-1/2"	4 #4/0, THW
N11	"D3MA"		2-1/2"	4 #4/0, THW
N12	"D2MB"		2-1/2"	4 #4/0, THW
N13	"D3MA"		2-1/2"	4 #4/0, THW
N14	"D3MB"		2-1/2"	4 #4/0, THW
N15	(N) DH-1		1"	3 #4, TV
N16	(N) DH-2		1"	3 #4, TV
N17	(E) "SOLA"		1/2"	4 #1 THW

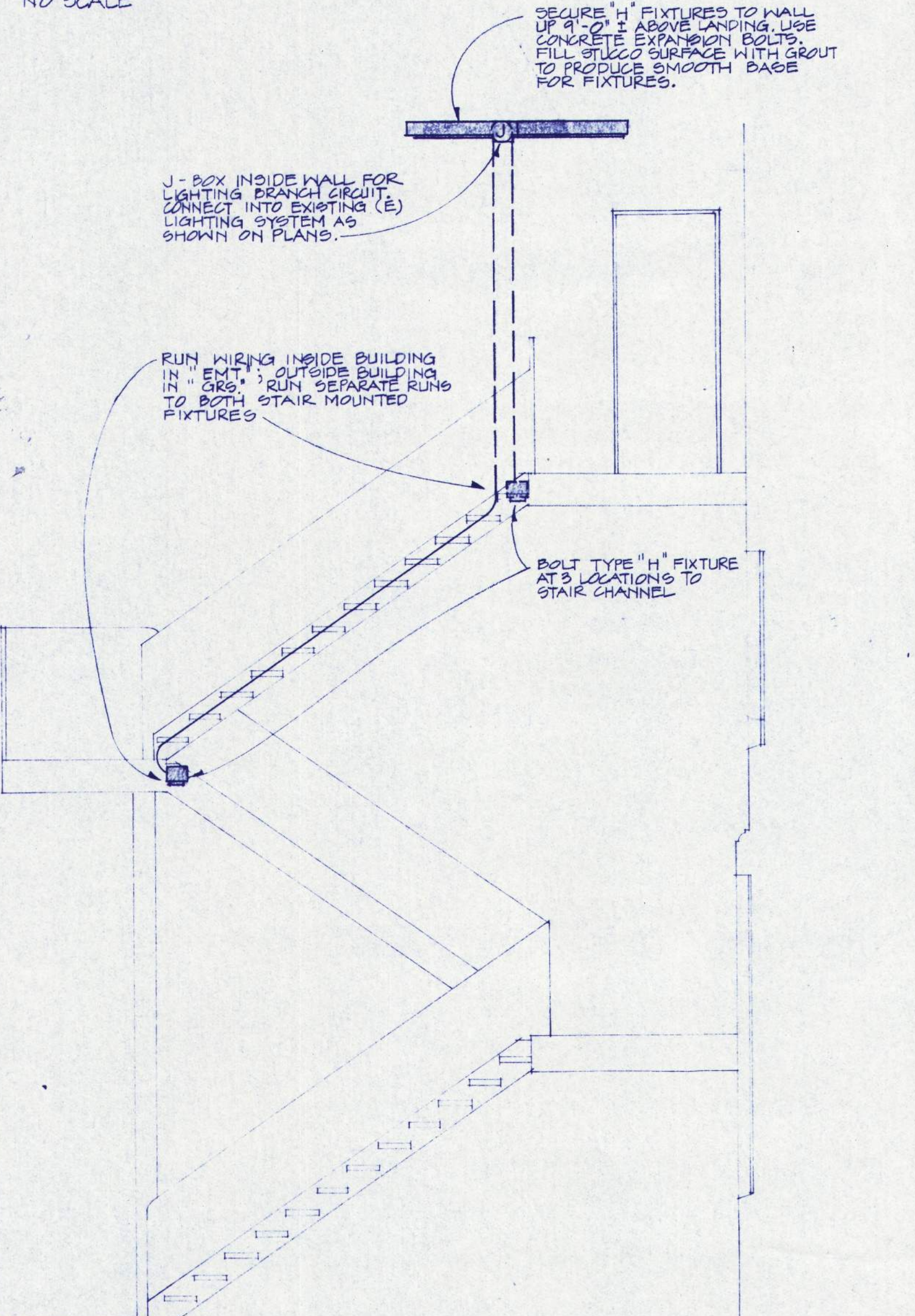


ISOLATION LIGHTING CONTROL PANEL "ILCP" DETAIL
NO SCALE (ALT. NO. 1)

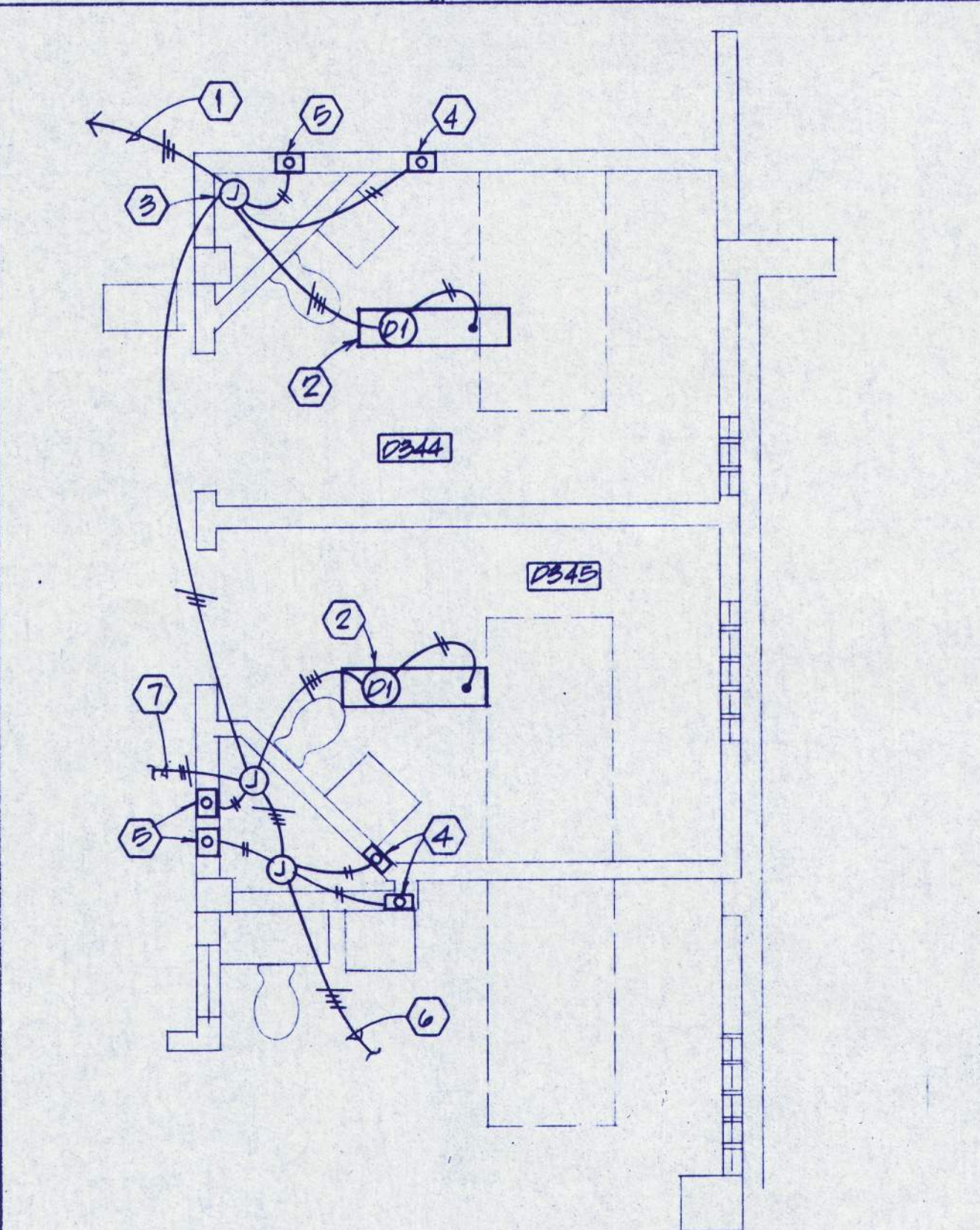
- LIGHTING CONTROL PANEL NOTES (ALT. NO. 1)**
- (N) PANELBOARD TYPE CABINET WITH SPECIAL 12 GAUGE FRONT COVER, FULLY CONCEALED TRIM CLAMPS, CONTINUOUS PINND HINGE AND HEAVY DUTY TUMBLER, DEAD BOLT LOCK EQUAL TO CORBIN TRIPLELOX. PROVIDE 12 KEYS. MIN. DIMENSIONS: 16" X 24" X 4-1/2" DEEP.
 - PUNCH PANEL DEADFRONT TO ACCOMMODATE SWITCHES AND MOUNTING HOLES.
 - TOGGLE TYPE SWITCH (TYPICAL FOR 12) WITH LIGHTED HANDLE (RED) IN "ON" POSITION. SCREW SWITCH INTO DEADFRONT.
 - SCREW MOUNT PHENOLIC NAMEPLATE INTO DEADFRONT. LABEL ACCORDING TO NAMEPLATE DESIGNATOR SCHEDULE.
 - SWITCH DESIGNATOR. SEE SCHEDULE AND FLOOR PLAN.
 - PROVIDE BARRIER BETWEEN "NORMAL" AND "EMERGENCY" SECTIONS.
- LIGHT SWITCH NAMEPLATE DESIGNATORS (ISOLATION)**
- (a): CORRIDOR
(b): SHOWER
(c): CELL NO. 1 BED
(d): CELL NO. 2 BED
(e): CELL NO. 3 BED
(f): WARD BEDS
(g): CORRIDOR
(h): CELL NO. 1
(i): CELL NO. 2
(j): CELL NO. 3
(k): WARD
(l): CELL NIGHT LIGHTS



EXTERIOR STAIR DS-4 LIGHTING DETAIL
NO SCALE

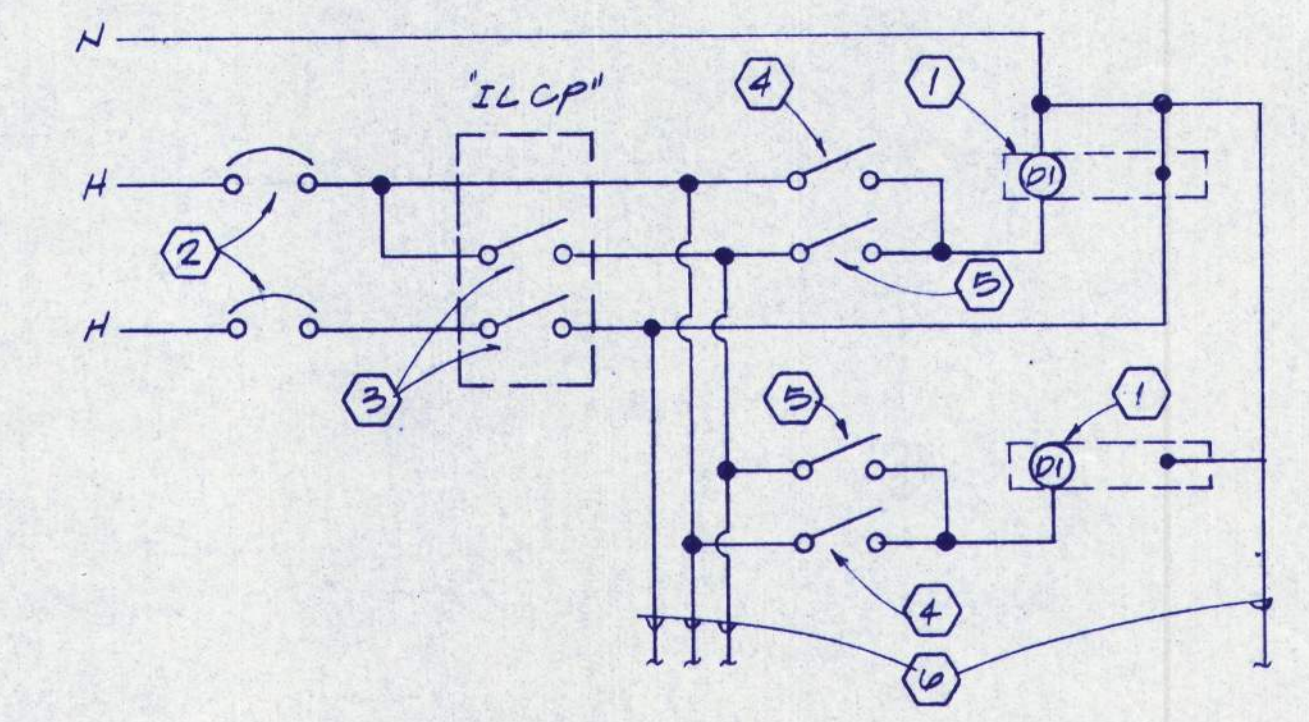


EXTERIOR STAIR DS-5 LIGHTING DETAIL
NO SCALE



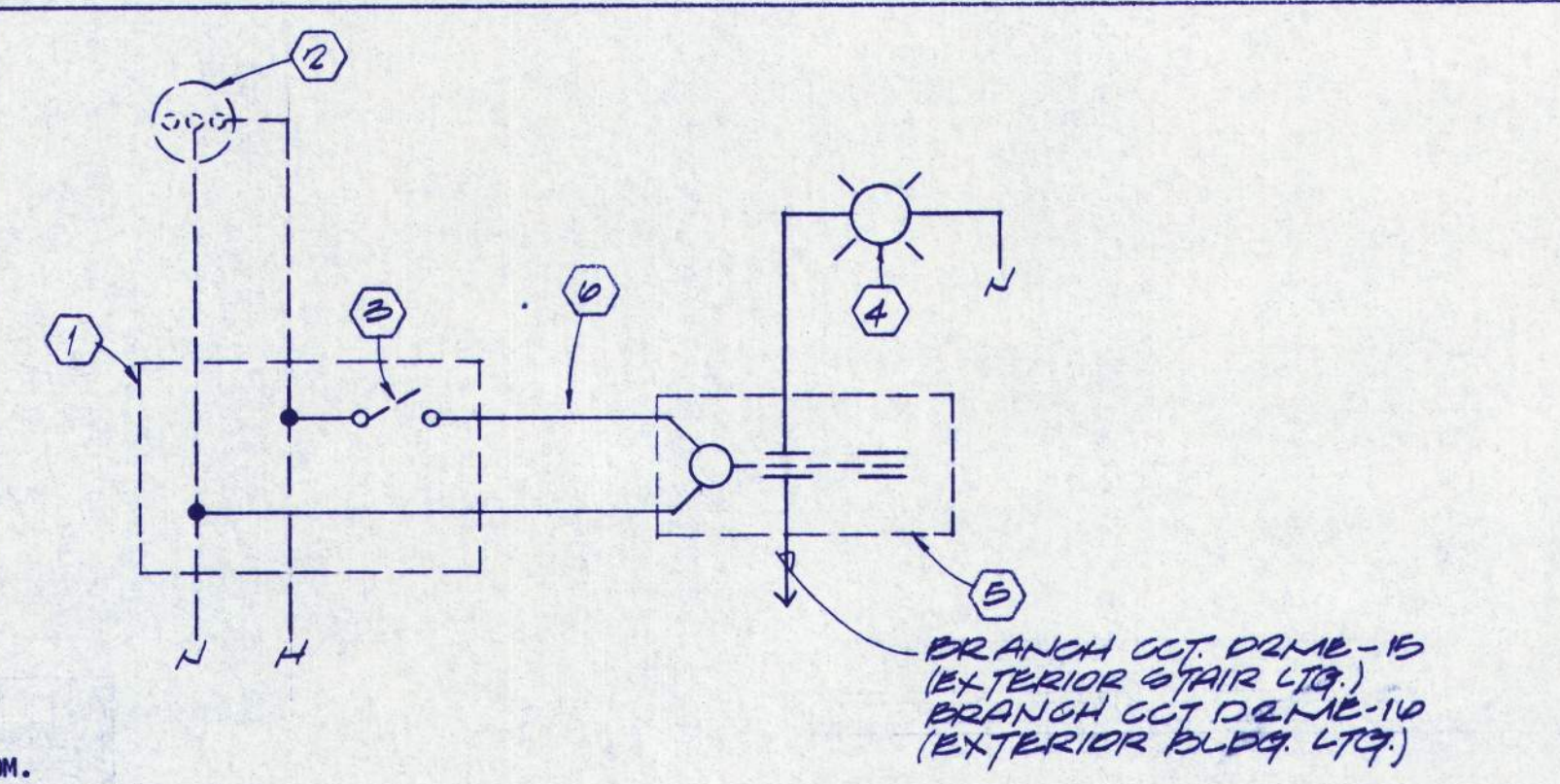
ISOLATION ROOM LIGHTING DETAIL - (TYPICAL CEILING LIGHT ROUGH-IN)
1/4" = 1'-0" (ALT. NO. 1 ONLY)

- ISOLATION ROOM DETAIL NOTES**
- HOMERUN TO PANEL "D3ME" THRU "ILCP" AS REQUIRED (2 CIRCUITS).
 - SURFACE MOUNTED LUMINAIRE ON CEILING WITH SEPARATE "NORMAL" LAMPS AND BUILT-IN NIGHT LIGHT. RUN "GRS" SECURED TIGHT TO CEILING FROM CHASE TO LUMINAIRE.
 - INSTALL J-BOXES AT PLUMBING CHASE CEILING.
 - WALL SWITCH IN CELL TO CONTROL "NORMAL" LAMPS, ONLY.
 - WALL SWITCH IN CORRIDOR TO ALSO CONTROL "NORMAL" LAMPS, ONLY. INSTALL 26" ABOVE TOP OF CHASE ACCESS PANEL.
 - CIRCUIT CONTINUES TO WARD CEILING LIGHT FIXTURES (3).
 - CIRCUIT CONTINUES TO WEST CELL LUMINAIRE VIA CHASE MOUNTED J-BOX.



TYPICAL ISOLATION CELL LIGHTING CONTROL
NO SCALE (ALT. NO. 1 ONLY)

- ISOLATION CELL LIGHTING CONTROL NOTES**
- CELL LIGHTING FIXTURE WITH "NORMAL" AND NIGHT LIGHT LAMPS.
 - 20 AMP, 1 POLE CIRCUIT BREAKERS IN PANEL "D3ME".
 - SINGLE POLE SWITCHES IN LIGHTING CONTROL PANEL ("ILCP"). ONE SWITCH CONTROLS ROOM "NORMAL" LIGHT, OTHER CONTROLS ALL CELL NIGHT LIGHTS.
 - SINGLE POLE SWITCH IN CORRIDOR ABOVE CHASE ACCESS PANEL. CONTROLS "NORMAL" LIGHT.
 - SINGLE POLE SWITCH IN CELL. CONNECT IN SERIES WITH RESPECTIVE "ILCP" SWITCH.
 - BRANCH CIRCUIT WIRING CONTINUES TO WARD CELL AND WEST CELL.



EXTERIOR LIGHTING DETAIL
NO SCALE

- EXTERIOR STAIR DETAIL NOTES**
- (E) EXTERIOR SECURITY LIGHTING CONTROL PANEL AT CENTRAL CONTROL ROOM.
 - (E) PHOTOCELL SERVING AUTOMATIC SYSTEM.
 - (E) SINGLE POLE SWITCH IN PANEL FOR MANUAL CONTROL ALL BUILDING EXTERIOR STAIRS.
 - STAIR LUMINAIRE, TYPICAL OF 6 U.O.N.
 - (N) 2 POLE, 20 AMP, 240 VOLT CONTACTOR IN NEMA I ENCLOSURE WITH 277 VOLT HOLDING COIL (TWO REQUIRED, ONE FOR EACH CIRCUIT). INSTALL IN ELECTRICAL ROOM. LABEL "EXTERIOR STAIR LIGHTS".
 - CONNECT INTO (E) CONTROL CIRCUIT AT PANEL AS REQUIRED.



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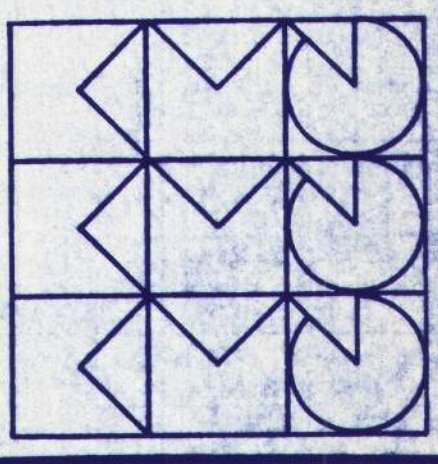
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- ONE LINE DIAGRAM NOTES
- SEE "D1" FLOOR PLAN, SHEET E-7, FOR LOCATIONS ALL MAJOR MAIN SERVICE COMPONENTS SHOWN IN THIS DIAGRAM.
 - UNDERGROUND PRIMARY SERVICE SERVING BUILDINGS "A", "B", "C", AND "D" FROM POWER BUILDING YARD TO REMAIN.
 - SEE SUB-STATION HI-VOLT SWITCH. CONNECT (N) PRIMARY CONDUCTORS VIA (N) STRESS CONES. PROVIDE DOUBLE BARREL LUG KIT FOR (N) AND (E) CONDUCTORS AS REQUIRED.
 - RUN THIS "GRS" DUCT HIGH AT (E) CEILING. SEE BUILDING "D1" FLOOR PLAN, SHEET E-7.
 - PROVIDE (6) 50 AMP, TYPE "E" FUSES IN 600 AMP HI-VOLT SECTION. VERIFY SPECIFIC TYPE WITH SWITCH MANUFACTURER. INSTALL THREE; STORE THREE IN SPARE FUSE CABINET.
 - "US-3", TRANSFORMER SECTION - 500 KVA.
 - "US-3", LOW VOLT SECTION - 1800 AMP BUSSED.
 - PROVIDE 1500A-3P "MAIN", AMPER, VOLTMETER, AND PHASE SELECTOR SWITCHES.
 - PROVIDE CODE GROUND PER MANUFACTURERS DIRECTIONS. CONNECT TO (N) GROUND ROD USING #3/0 COPPER.
 - CONNECT TO BUILDING COLD WATER SERVICE USING #3/0 COPPER, AS REQUIRED. RUN IN 1" STEEL DUCT.
 - PROVIDE 4" HIGH CONCRETE HOUSEKEEPING PAD BENEATH "US-3". CHAMFER FRONT EDGE TO 45°. CONFORM TO SPECIFICATION DIVISION 03000.
 - PROVIDE LUGS FOR NO. 4, T/M CONDUCTORS.
 - 15 KW DIESEL GENERATOR LOCATED IN GENERATOR ROOM WEST OF "US-4" EQUIPMENT ROOM. SEE PLAN, SHEET E-7.
 - NOT USED.
 - (E) AUTOMATIC TRANSFER SWITCH ("ATS"), "SQ, D", TO REMAIN TO SERVE SELECTED BUILDING "D" EMERGENCY LOADS.
 - (E) LOAD CENTER PANEL SERVING SELECTED BUILDING BRANCH CIRCUITS TO REMAIN. PROVIDE (N) 70A-3P BREAKER FOR (N) FEEDER TO BUILDING "D" EMERGENCY PANEL RISER.
 - (N) 100A-3P DISCONNECT FUSED 70 AMP. LABEL "EMERGENCY SERVICE (NORMAL) - BUILDING "D".
 - (N) 100A-3P DISCONNECT SWITCH FUSED 70 AMP. LABEL "EMERGENCY SERVICE DISCONNECT".
 - (E) NORMAL POWER FEED TO "ATS"; DISCONNECT AND REMOVE CIRCUIT AT SOURCE.
 - (N) NON-AUTOMATIC TRANSFER SWITCH ("N-ATS"); 600 AMP, 3 POLE, SOLID NEUTRAL. LABEL "MANUAL TRANSFER - S0AD-2" (AND "NORMAL POSITION", "EMERGENCY POSITION").
 - (N) SPLICE BOX NEAR CEILING. EXTEND (E) CIRCUIT TO "N-ATS".
 - (N) ELEVATOR CONTROLLER IN ADJACENT MACHINE ROOM: 25 HP, 208V, 3P. CONNECT THRU 200AMP-3P, 240 V, DISCONNECT FUSED 125 AMP, TIME DELAY TYPE. PROVIDE (6) SPARE FUSES FOR SPARE FUSE CABINET.
 - (E) FEEDER BREAKER SERVING (E) BUILDING "D" MAJOR DISTRIBUTION PANEL "SD-M1". USE FOR EMERGENCY SERVICE TO (N) "S0AD-2" VIA (N) MANUAL TRANSFER SWITCH, LABEL "S0AD-2 MANUAL TRANSFER".
 - (E) UNDERGROUND EMERGENCY FEEDER FROM (E) OUTSIDE FENCE GENERATOR BUILDING TO REMAIN.
 - (E) UNDERGROUND FEEDERS TO POWER PLANT BUILDING.
 - 42,000 A.I.C. BOLT TO BUSS ALL BREAKERS THIS PANEL.
 - 22,000 A.I.C. BOLT TO BUSS ALL BREAKERS THIS PANEL. SEE PANEL SCHEDULES.
 - 10,000 A.I.C. BOLT TO BUSS ALL BREAKERS THIS PANEL.
 - LABEL "EMERGENCY-LIMIT USE".
 - (N) PANELBOARDS SHOWN WITH SOLID LINES.
 - (E) PANELBOARDS SHOWN WITH BROKEN LINES.
 - RELOCATE (E) PANEL; SEE PLAN, SHEET E-7.
 - (N) PANEL FEEDER AND DESIGNATOR SHOWN WITH SOLID LINE; TYPICAL. SEE FEEDER SCHEDULE FOR SIZE, SHT. E-11.
 - (E) PANEL FEEDER AND DESIGNATOR SHOWN WITH DASHED LINE; TYPICAL. SEE SCHEDULE FOR APPARENT DUCT SIZE (VERIFY). EXTEND AND RECONNECT MATCHING (E) SIZE AND TYPE CONDUCTORS WHERE SO INDICATED. SHT. E-11.

- (N) DI-11 16.2 KW, 208V, 3P, C.A.R.
- (N) DI-21 17.6 KW, 208V, 3P, C.A.R.
- RELOCATE (E) MOTOR CONTROL CENTER AND CONNECT.
- THIS CIRCUIT RUN OVERHEAD, NOT UNDERGROUND AS IMPLIED ON DIAGRAM.
- PROVIDE SPACE AND BUSSING FOR FUTURE 600A-3P BREAKER.
- SAME AS NOTE 30, EXCEPT FOR 400A-3P BREAKER.
- SAME AS NOTE 30, EXCEPT FOR (4) 225A-3P BREAKERS.
- SAME AS NOTE 30, EXCEPT 100A-3P BREAKER.
- (E) ELEVATOR CONTROLLER IN ROTUNDA PENTHOUSE.
- (E) FUSED DISCONNECT SWITCH SOUTH OF (E) ELEVATOR SHAFT, BUILDING "D1" (NORTH). PROVIDE (N) 100A-3P DISCONNECT FUSED 100A, TIME DELAY, AND CONNECT INTO (E) WIRING TO PENTHOUSE. RUN (N) WIRING TO (N) "S0AD-3" OVERHEAD AT CEILING. SEE SHEET E-3. LABEL "NORTH ELEVATOR".
- PROVIDE (N) BREAKER IN (E) SPACE. MATCH SQ. "D" EQUIPMENT.
- PROVIDE (N) PANEL PHENOLIC NAMEPLATE, TYPICAL FOR ALL PANELS TO REMAIN IN SERVICE WITH (N) DESIGNATORS.
- UNDER BASIC BID, MAINTAIN CIRCUIT. UNDER ALT. NO. 4, REMOVE PANEL AND FEEDER TO "D2NA". LABEL (E) BREAKER "SPARE".
- PROVIDE (N) J-BOX AT CEILING AS REQUIRED.
- (N) SPLICE BOX AT CEILING AS REQUIRED.
- POSSIBLE FUTURE RECONNECT TO "D4".
- POSSIBLE FUTURE RECONNECT TO "S0AD-2".
- (N) WIRING SERVING (E) AUDITORIUM A/C MOTOR STARTERS AND LOAD CENTER PANEL. SEE PLANS, SHEET E-9. REROUTE (E) FEEDER FROM KITCHEN AREA.
- PROVIDE PANEL AND FEEDER "N10" UNDER ALT. NO. 2, ONLY. OMIT UNDER BASIC BID. LEAVE SPACE IN "S0AD-1" FOR FUTURE BREAKER.
- (E) 100A-3P MANUAL TRANSFER SWITCH ON WEST WALL OF "E" EQUIPMENT ROOM, LEVEL D2 (SOUTH) APPROX. 4' WEST MOST OF PANEL "D00A1". PROVIDE (N) SECOND FEEDER CONNECTION FROM "D0AD-1". LABEL BREAKER "S0A2" ALT. POWER SOURCE.

