

Addendum #2

Invitation to Bid

Demolition of the Olin Bignall Aquatic Center and Old Middle School

Addendum #2- Issued November 20th, 2023

Bids Due: November 30th, 2023, at 2:00pm (This remains unchanged)

This addendum, plus attachments, is hereby made an integral part of the Contract Document to the same extent as though it was originally included therein.

Bidders must acknowledge receipt of all addenda as part of the Bid Submission Packet, Bid Form. Bids that fail to acknowledge all addenda may be considered nonresponsive and may be rejected.

The Invitation to Bid Addendum #2 consists of the following:

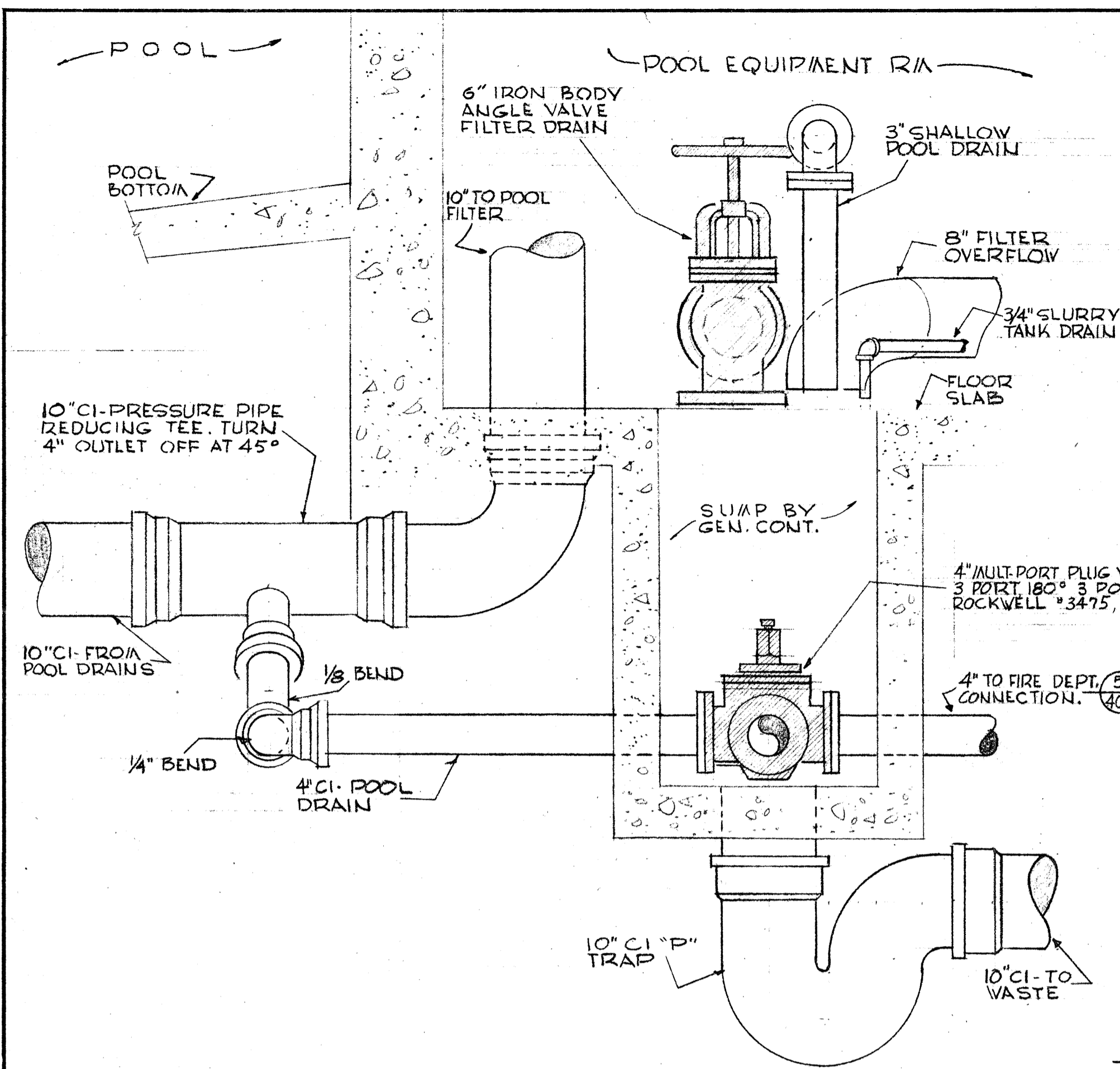
Additional supporting documents relating to the project:

1. Olin Y. Bignall Aquatic Center Plans / Drawings

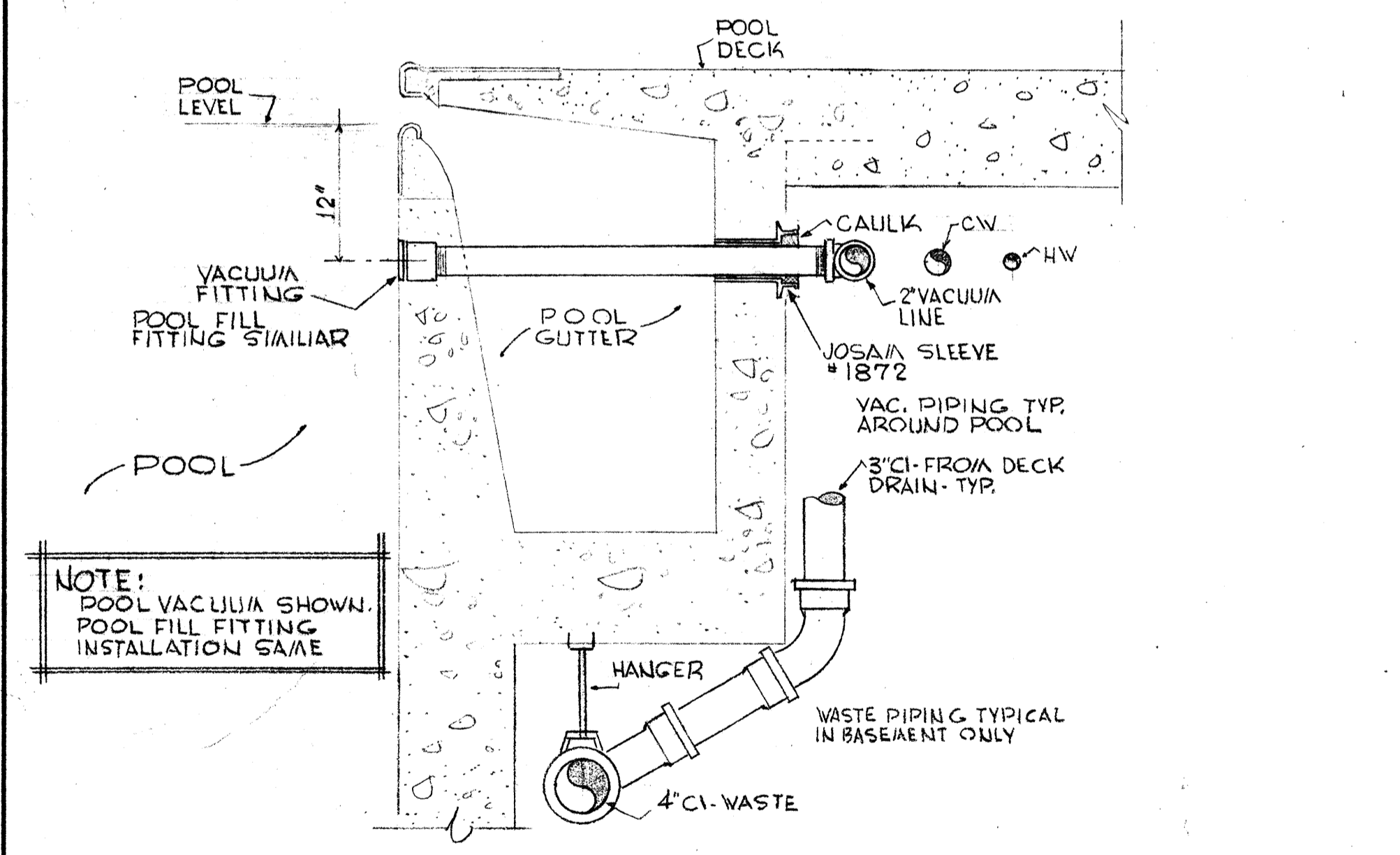
These additional documents can be found in the Project's shared Google Drive Folder linked here: https://drive.google.com/drive/folders/1NuGhfsjDpZx-K3P0Vlse7Auxuo7T_n0x

City Project Manager:

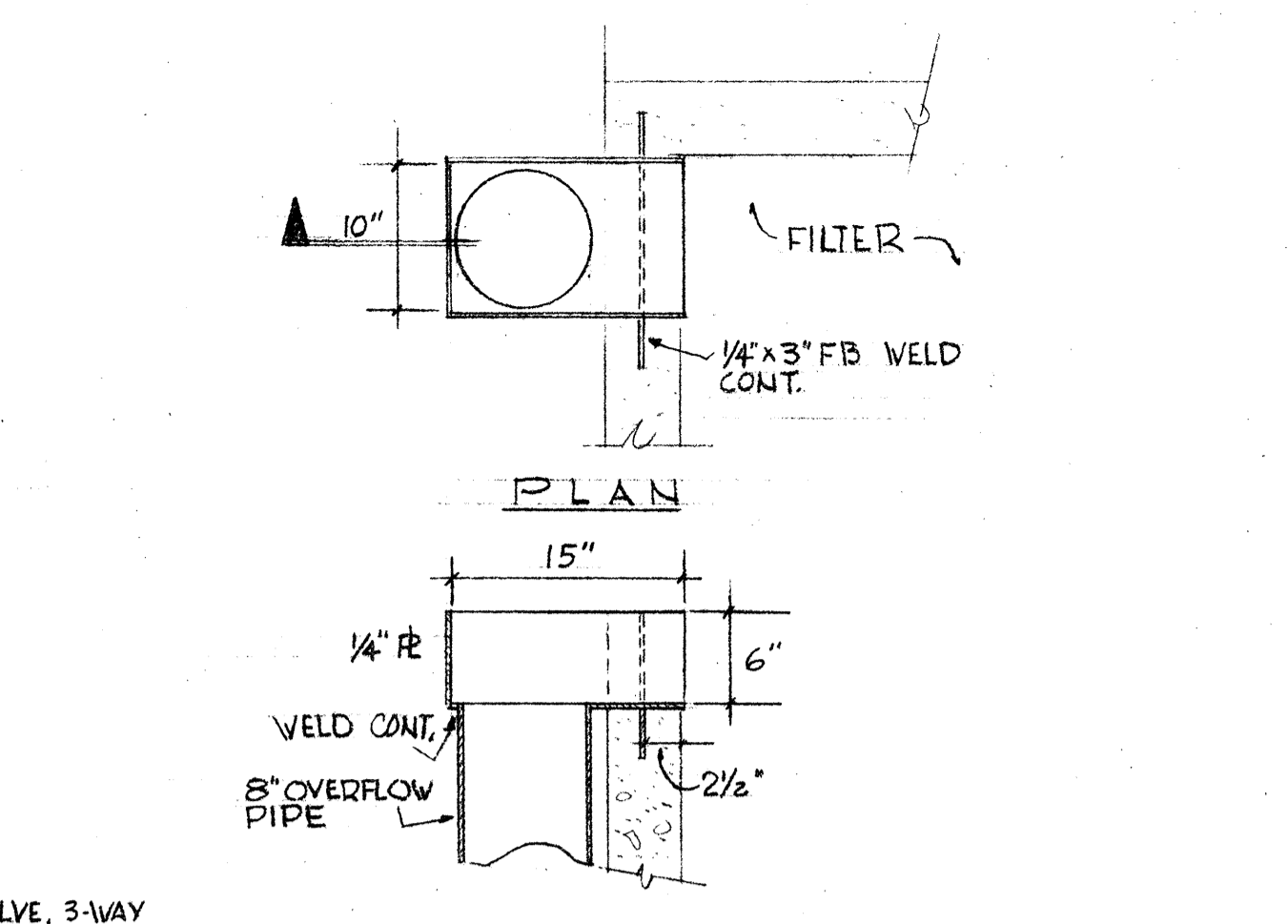
Rochelle Anderholm-Parsch
Parks and Recreation Director
503-489-2157
randerholmparsch@ci.sandy.or.us



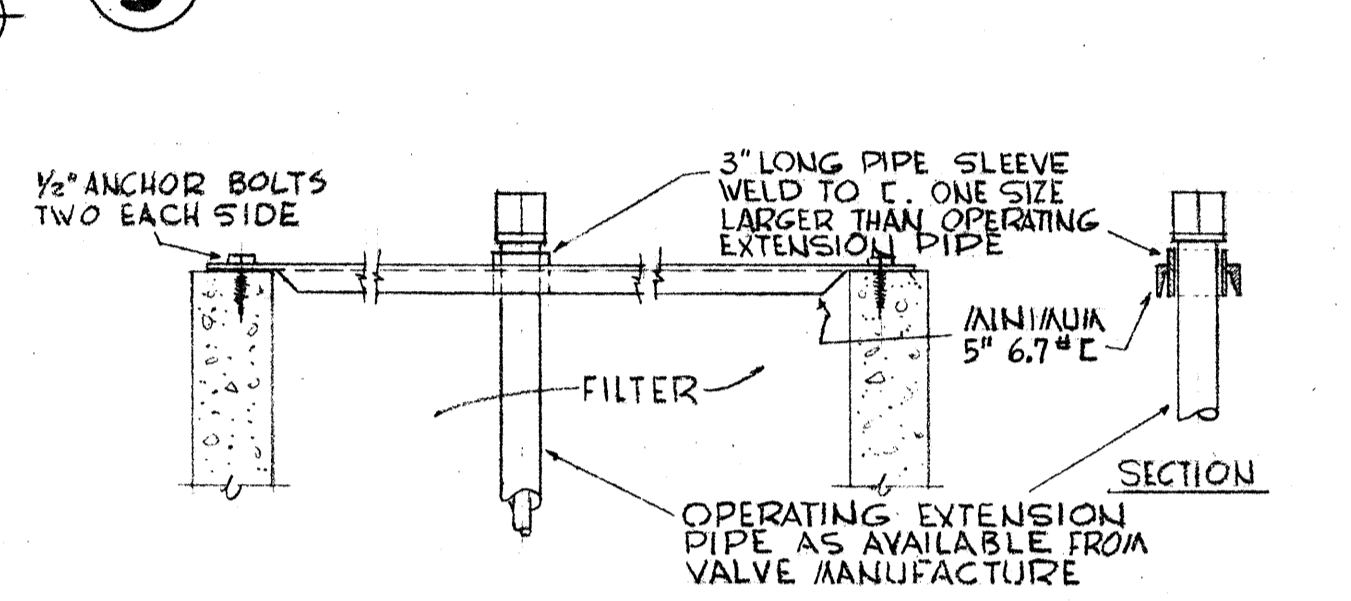
1 DETAIL AT SUMP SCALE 1"=1'-0"



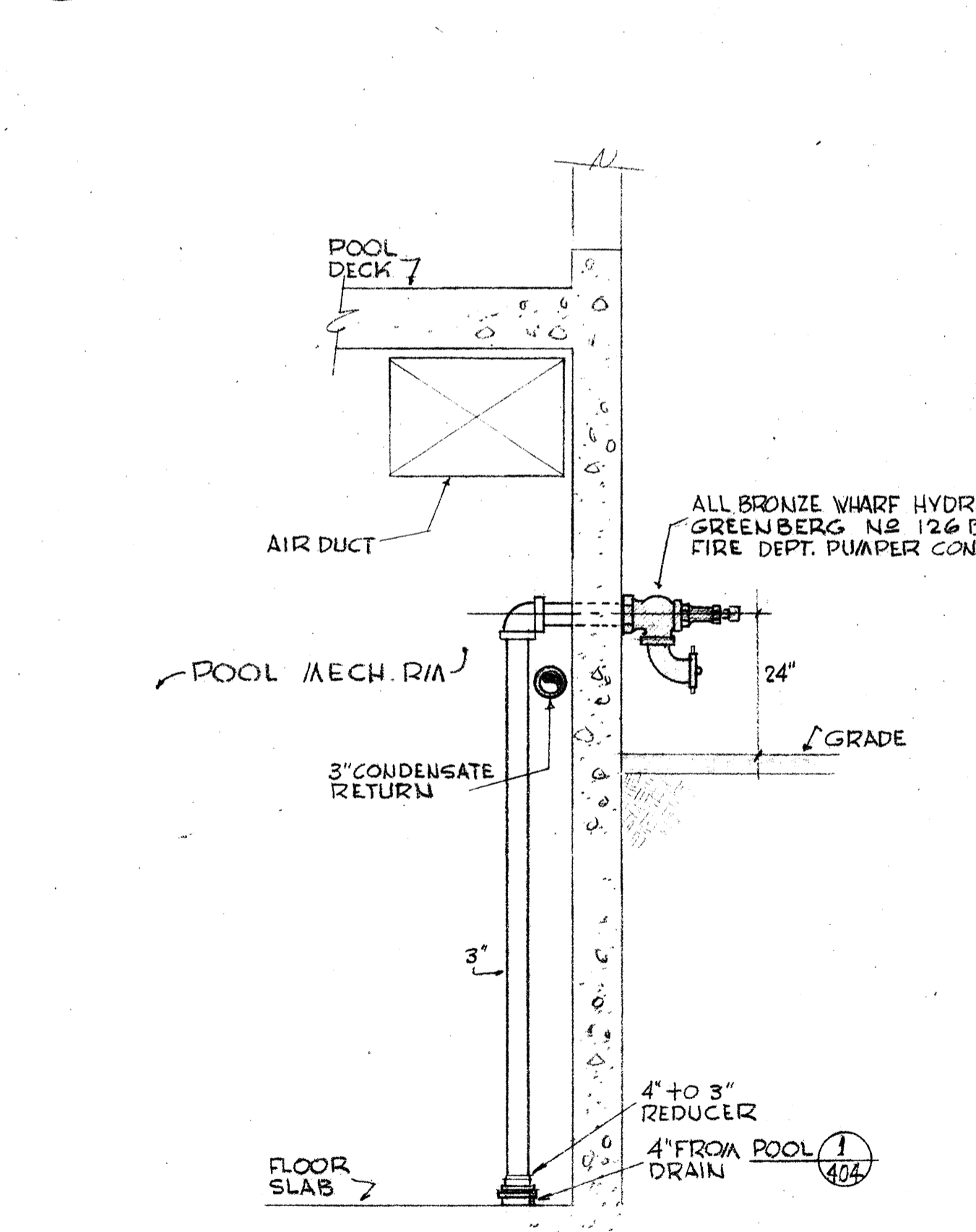
2 DETAIL SCALE 1"=1'-0"



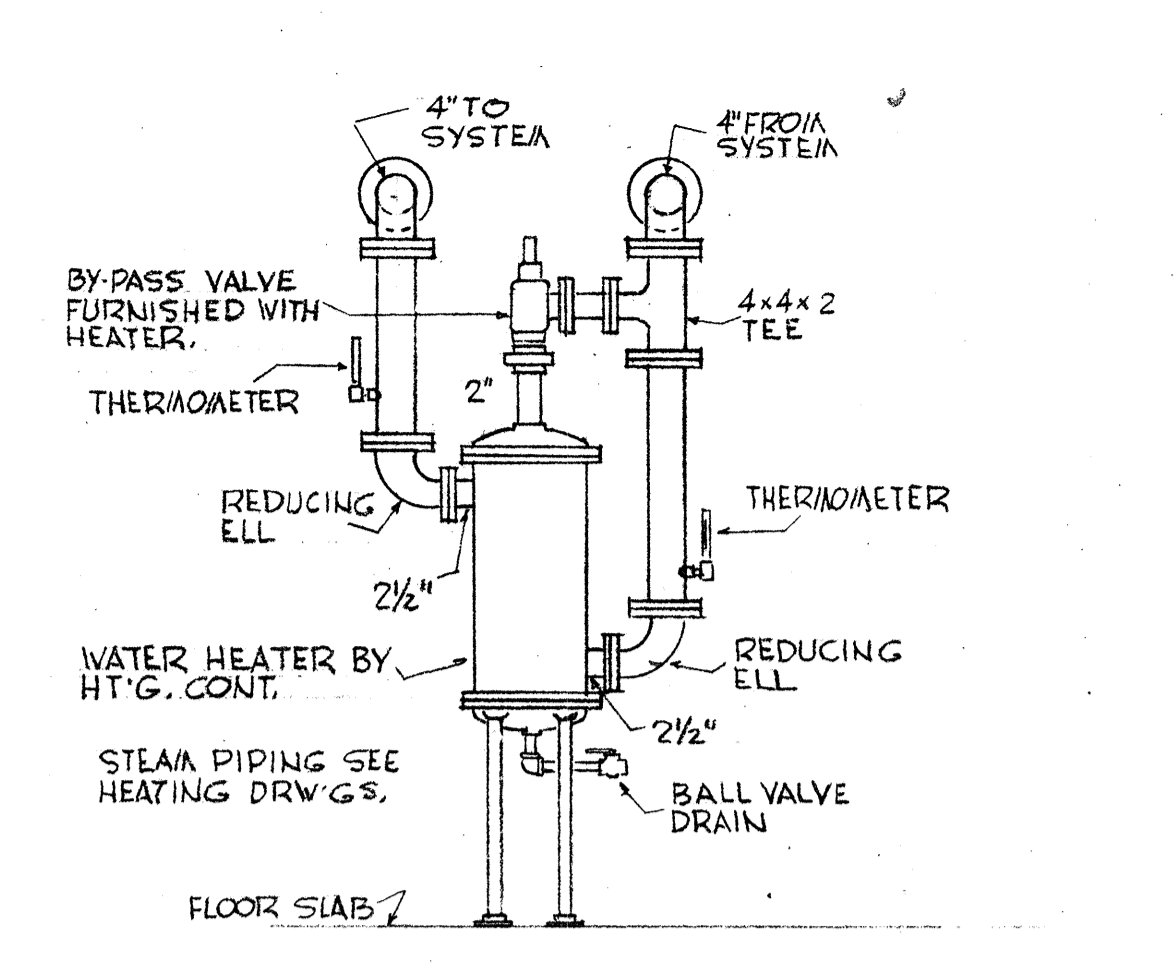
3 DETAIL FILTER OVERFLOW SCALE 1"=1'-0"



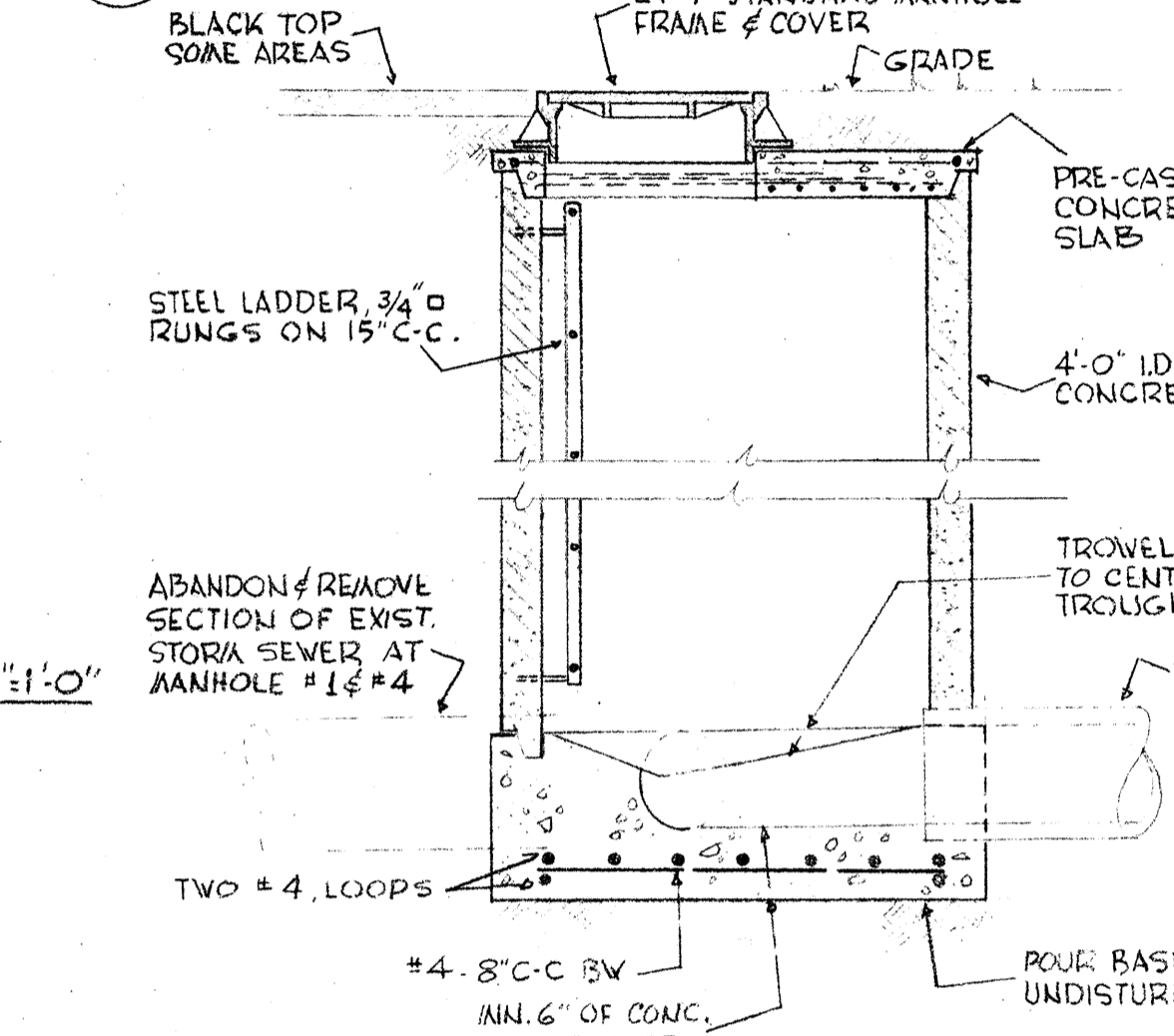
4 FILTER VALVE HIGH HEAD EXTENSION SCALE 1"=1'-0"



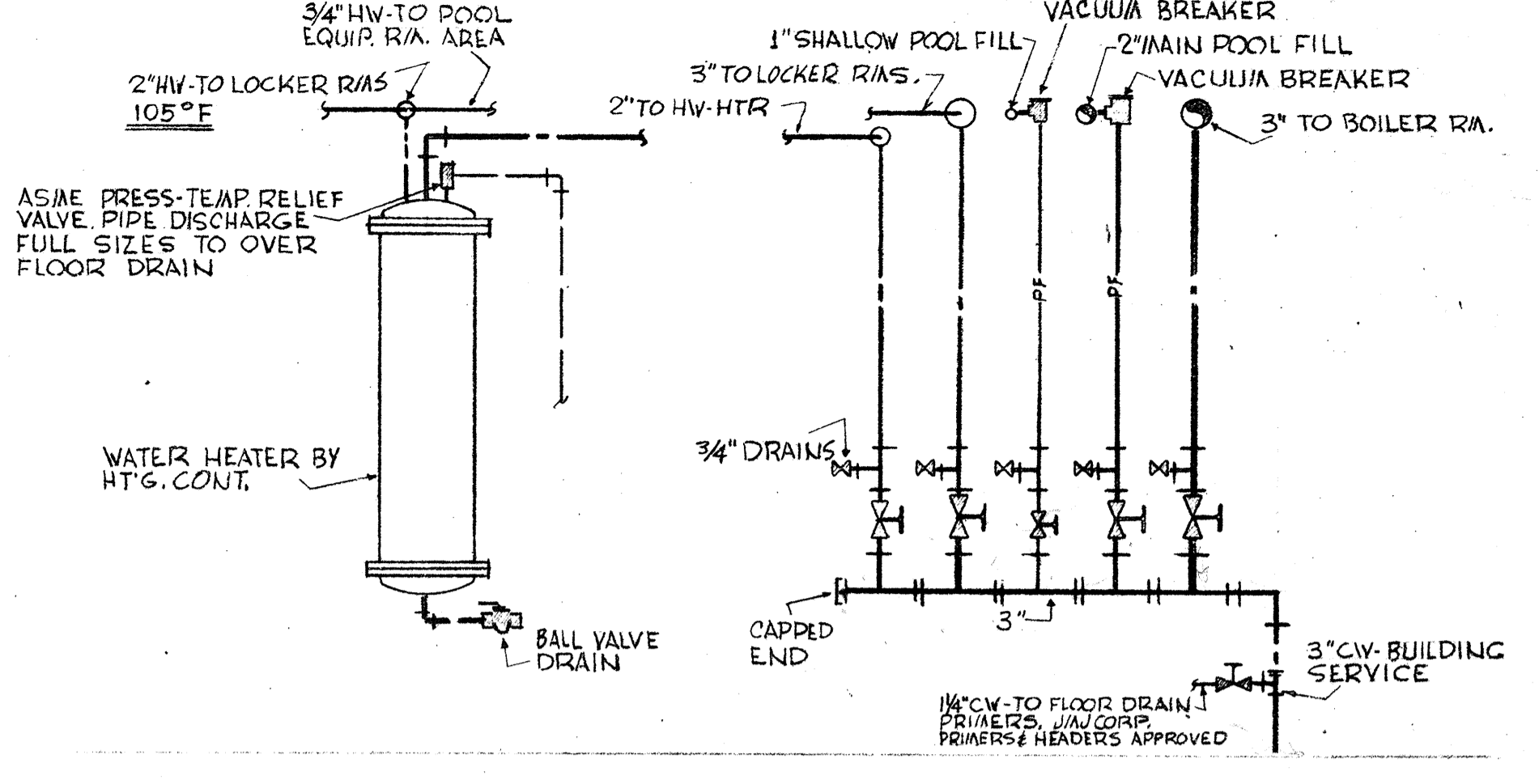
5 FIRE DEPARTMENT CONNECTION SCALE 1/2"=1'-0"



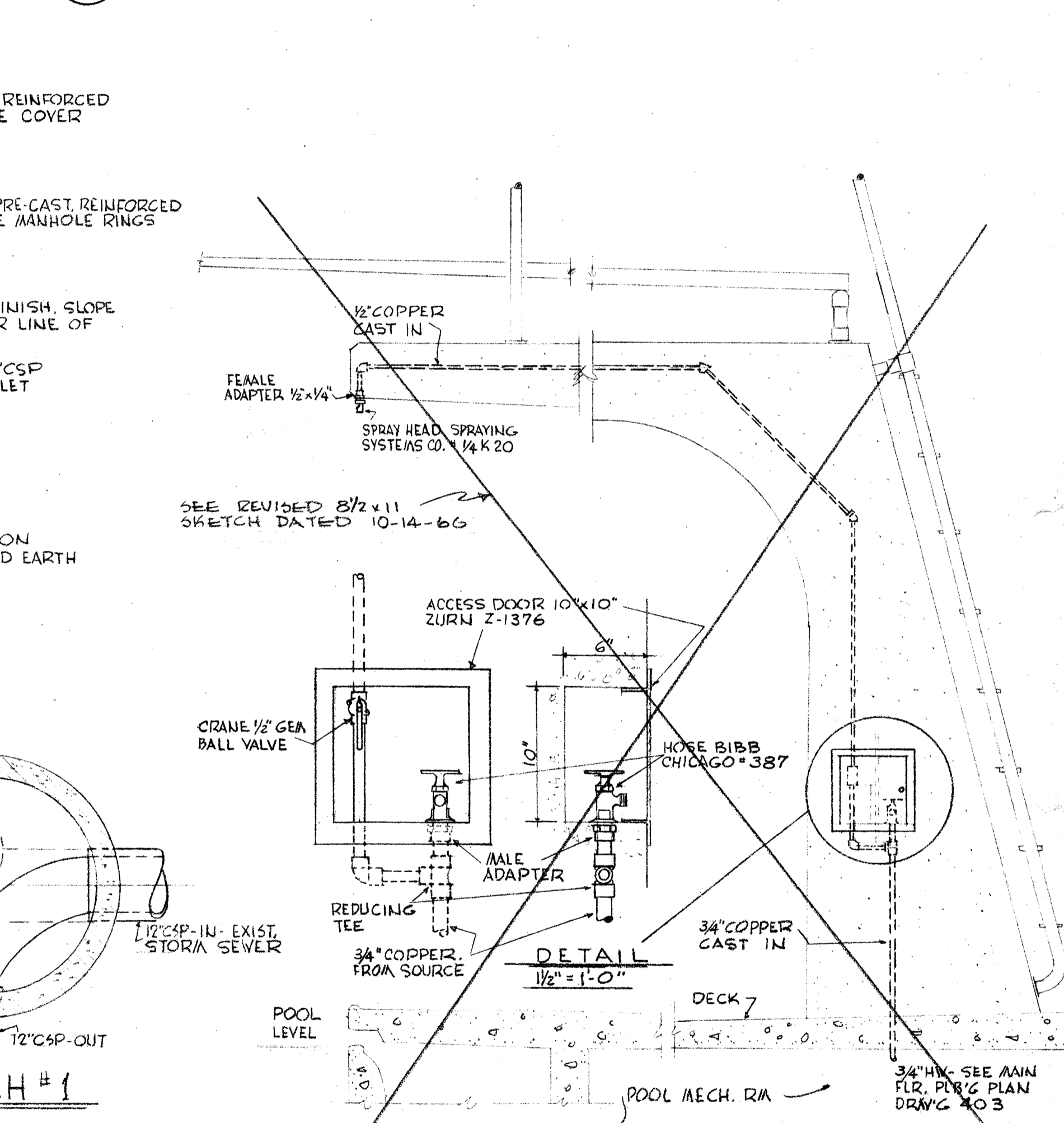
6 POOL WATER HEATER SCALE 1/2"=1'-0"



7 MANHOLE DETAILS SCALE 1/2"=1'-0"



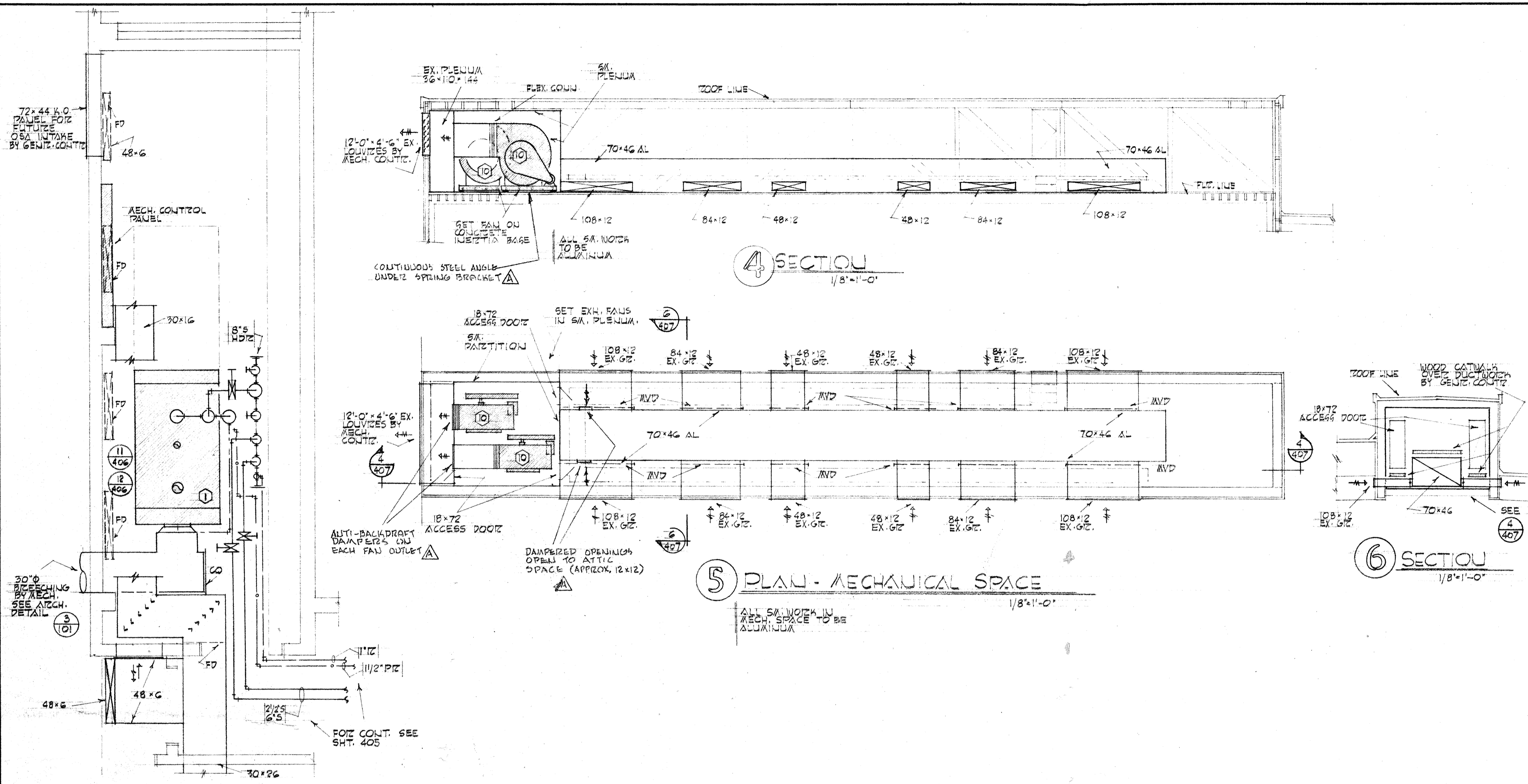
8 DOMESTIC WATER HEATER & COLD WATER HEADER DIAGRAMMATIC



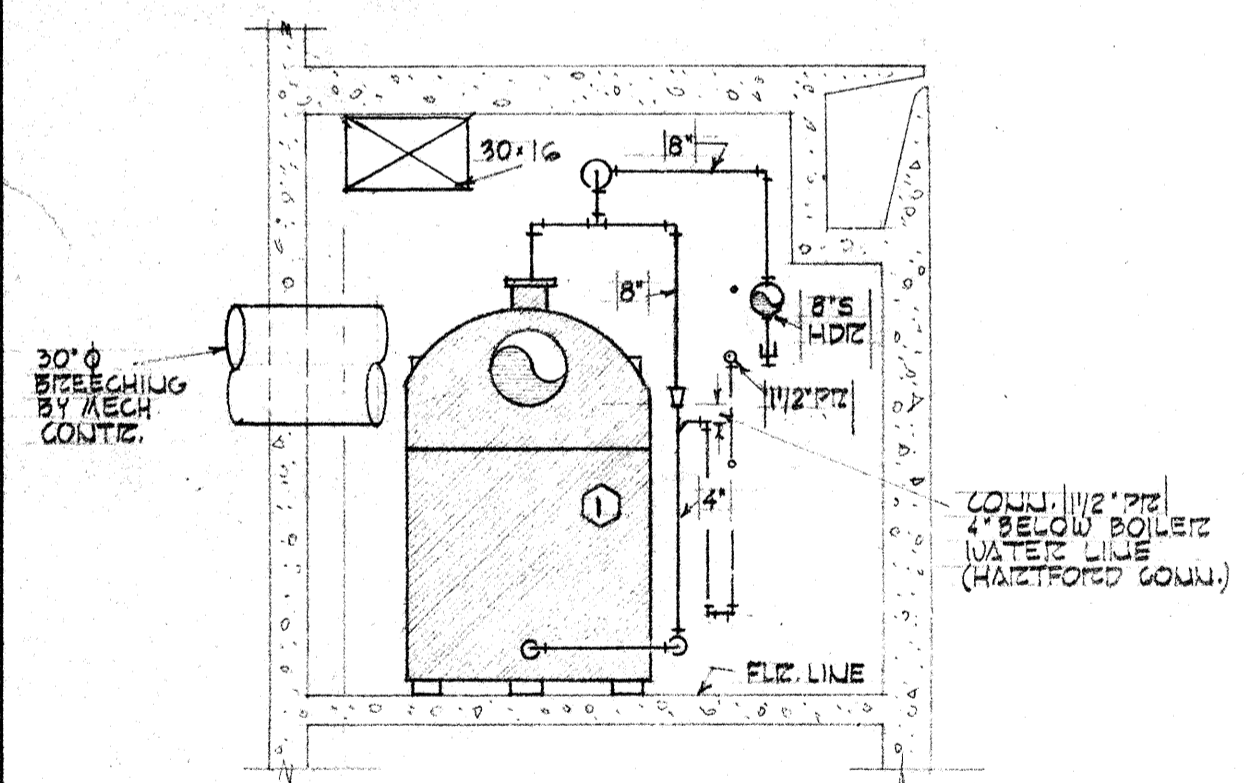
9 HOSE BIBB & SPRAY HEAD PIPING SCALE 3/4"=1'-0"

NOTE: POOL VACUUM SHOWN. POOL FILL FITTING INSTALLATION SAME

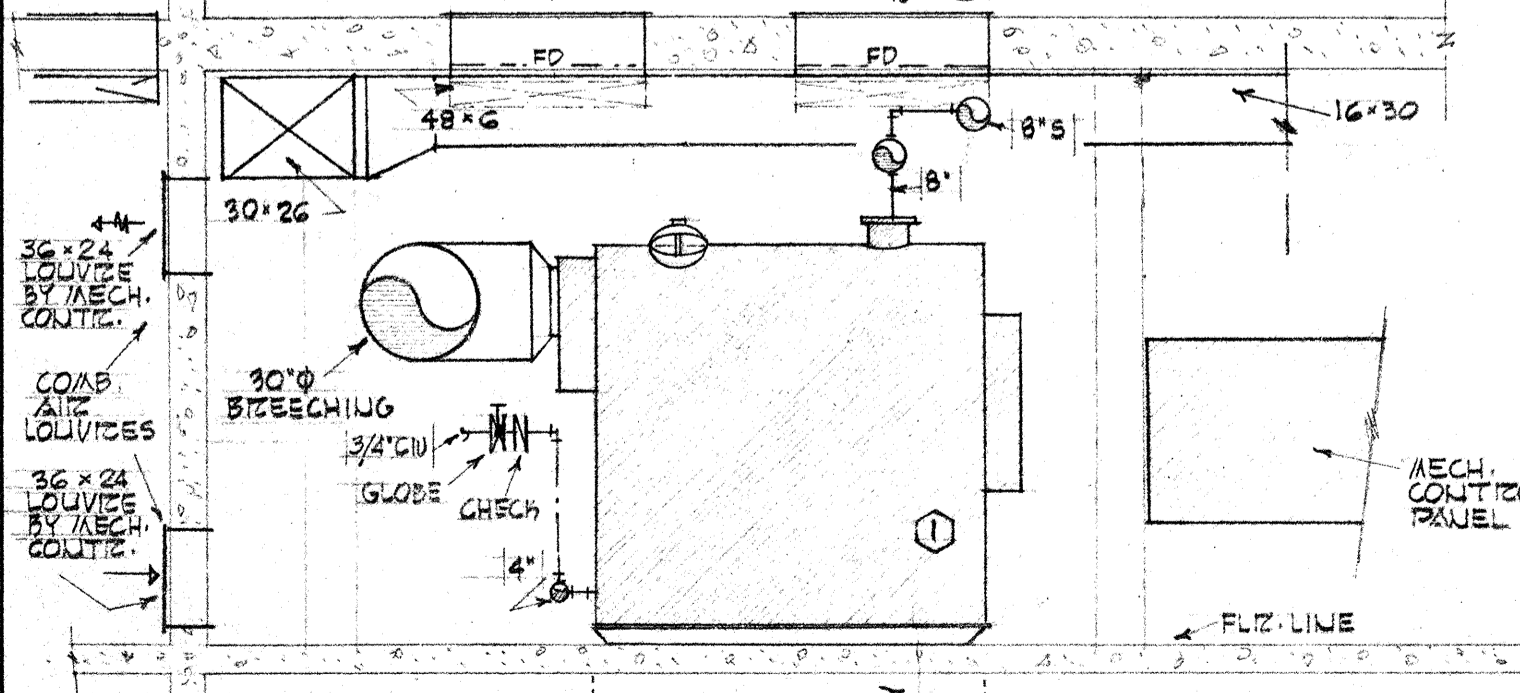
	DRAWN CHECKED 404	PLUMBING DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLATSOP COUNTY
	DATE MARCH 21, 66 REVISIONS	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158



1 PLAN - BOILER AND FAN T.A. 1/4"=1'-0"



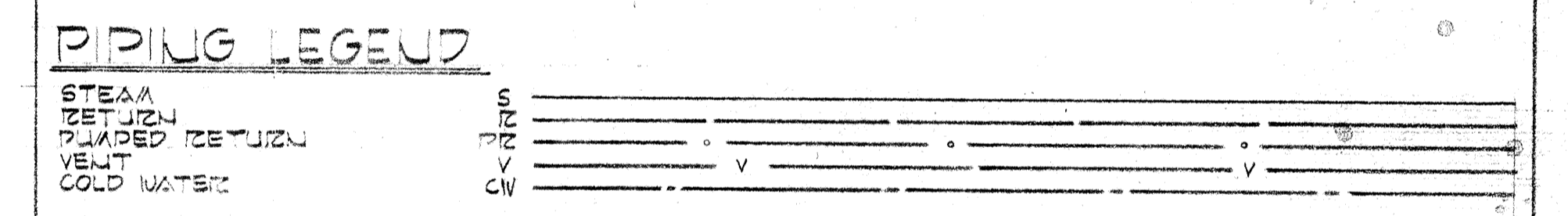
2 SECTION 1/4"=1'-0"



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

EQUIPMENT LIST		
1. STEAM HEATING BOILER	310800 BTU/HR. GROSS OUTPUT 450 SQ. FT. HTG. SURF. MIN. TIZIA FOR 15 PSI STEAM - SEE MECH. SPECIFICATIONS. OIL BURNER FILING RATE 27 GPH ON PS 200 OIL	
2. OIL STORAGE TANK	10000 GAL. CAPACITY 8'-0" X 27'-7" UL LABEL	
3. CONDENSATE RETURN PUMP DUPLEX - VERTICAL	20000 SQ. FT. EDT. @ 20 PSI. DISCHARGE PRESSURE PUMP CAPACITY 30 GPM 24" X 36" RECEIVER 3500 RPM. 1.5 HP	
4. DOM. HOT WATER GENERATOR	ABECO 1010 42.5 GPM 40°F TO 105°F ON 2 PSI. STEAM 30 SQ. FT. HTG. SURFACE VALVE 1350 1/2 HR.	
5. POOL WATER HEATER	ABECO 1005 40 GPM 40°F TO 80°F ON 2 PSI. STEAM 25 SQ. FT. HTG. SURFACE VALVE 800 1/2 HR.	
6. POOL AREA SUPPLY UNITS (2 REQ'D)	16000 CFM. EACH @ 1/4" SP. 1800 RPM. OV. 3242 FPM. TS. 7.5 HP FC	
7. HEATING COIL FOR (6) (2 REQ'D)	16000 CFM. EACH. COIL TO FIT UNIT 500 RPM. FV. COIL TEMP. RISE 50°F TO 120°F VALVE 1216 1/2 HR. EACH TRAP 1824 1/2 HR. EACH	
8. LOCKER AREA MULTI-ZONE UNIT	6200 CFM @ 3/4" SP. 1300 RPM. OV. 2516 FPM. TS. 3 HP FC	
9. HEATING COIL FOR (8)	5000 CFM. COIL TO FIT UNIT 500 RPM. FV. COIL TEMP. RISE 50°F TO 120°F VALVE 380 1/2 HR. TRAP 570 1/2 HR.	
10. POOL AREA EXHAUST FANS (2 REQ'D)	17000 CFM. EACH @ 3/4" SP. 1500 RPM. OV. 4764 FPM. TS. 5 HP 81 BUSI THD CLASS 1 2 SPEED MOTOR	
11. SHOWER EXHAUST FANS (2 REQ'D)	1000 CFM. EACH @ 1/4" SP. 1163 RPM. OV. 3220 FPM. TS. 1/2 HP 81 ROOF MOUNTED	
12. TOILET EXHAUST FAN	1700 CFM @ 1/2" SP. 1082 RPM. OV. 1946 FPM. TS. 3/4 HP FC ROOF MOUNTED	
13. TOILET EXHAUST FAN	1100 CFM @ 1/2" SP. 1376 RPM. OV. 2063 FPM. TS. 1/2 HP FC ROOF MOUNTED	

- NOTES
20. MOUNT ROOM THERMOSTATS 5 FT. ABOVE FLOOR EXCEPT WHERE OTHERWISE NOTED.
 21. STEAM TRAPS TO PASS 1.5 TIMES CAPACITY OF STEAM VALVE AT 5" DROP - SEE MECH. SPEC'S.
 22. STEAM VALVES TO BE PLACED AT LINE HIGH POINT UNLESS OTHERWISE SHOWN.
 23. ALL MOTORS AND PUMPS SHALL HAVE S.A. DRIP PANS OF AMPLE DIMENSIONS.
 24. ALL EQUIPMENT DRIVES SHALL HAVE SUITABLE RIGID GUARDS.
 25. ACCESS DOORS AND PANELS SHALL BE PROVIDED TO HTG. COILS, FIZE DPRS. AND ALL OTHER MECH. EQUIP FOR CLEANING AND SERVICING.
 26. ALL STEAM TRAPS TO BE ARRANGED FOR GRAVITY FLOW AND LOCATED IN ACCESSIBLE POSITION FOR CLEANING AND SERVICING.
 27. ALL ACCESS DOORS AND PANELS IN CLG. AND WALLS FOR ACCESS TO MECH. EQUIPMENT SHALL BE FURNISHED IN INSTALLED BY MECH. CONTR.
 28. F.D. INDICATES FIZE DAMPER.
 29. M.V.D. INDICATES MANUAL VOLUME DAMPER.



4-25-67 AS BUILT REVISIONS

	DRAWN SA	MECHANICAL DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY
	CHECKED TF DJF	
	407	
	DATE MARCH 21, 66	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS
	REVISIONS	444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158

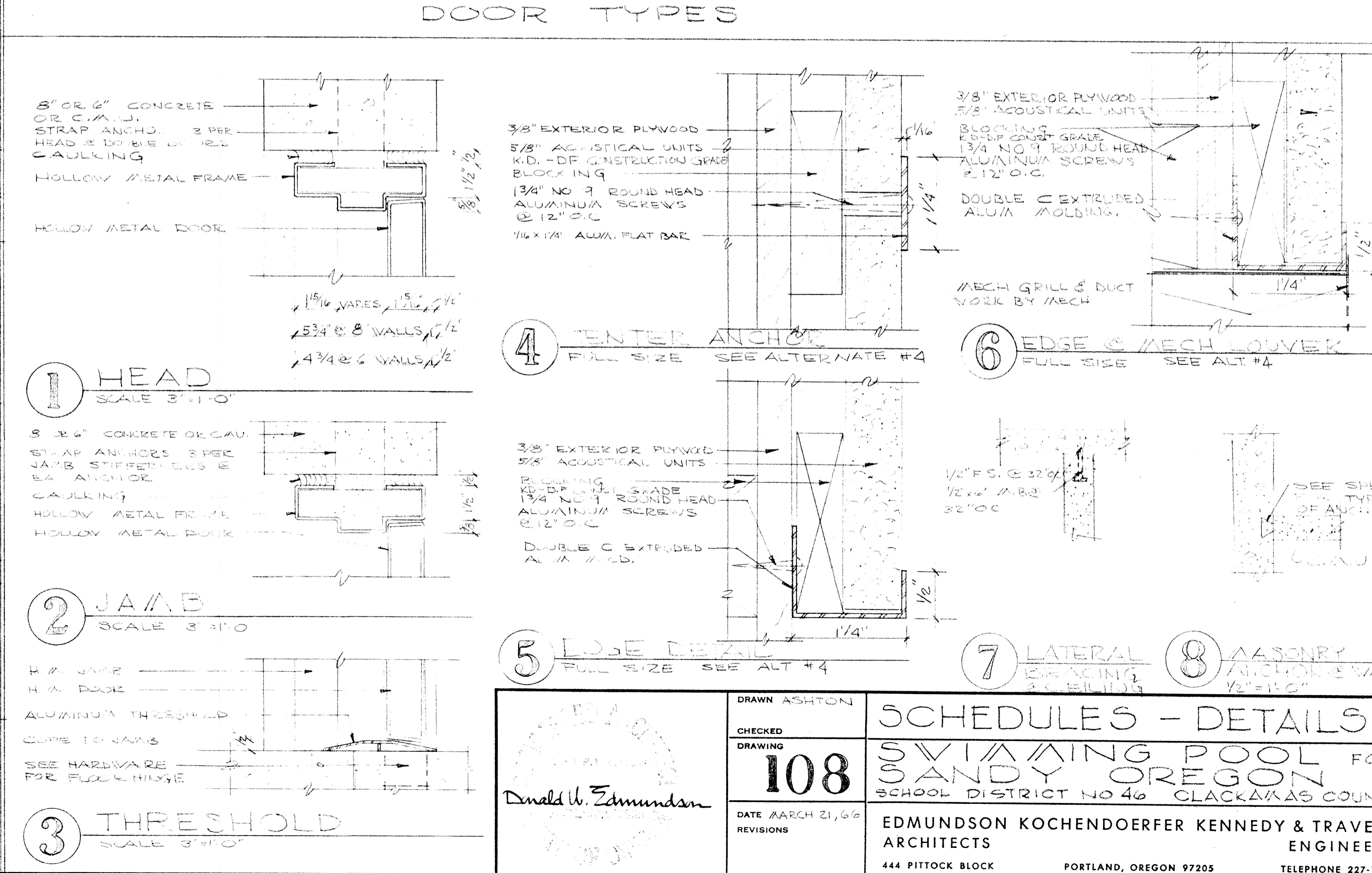
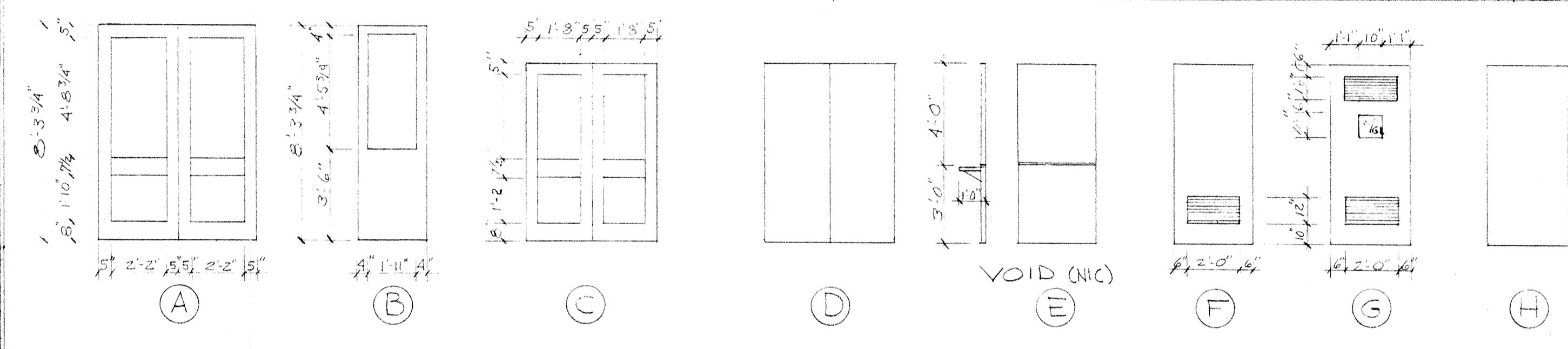
FINISH SCHEDULE

SPACE NUMBERS	FINISH NOS.														
	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	F-15
NO 27 SWIMMING POOL NO 25 SWIMMING POOL	F-1														
NO 12 MEN NO 11 WOMEN NO 15 MEN TOILET NO 23 WOMEN TOILET	F-2														
NO 6 TOILET (M.C.)	F-3														
NO 14 MEN'S INSTRUCTORS NO 22 WOMEN'S INSTRUCTORS	F-4														
NO 1 FILTER ROOM NO 2 ELECTRICAL R/A NO 3 CLOTHES R/A NO 4 BOILER R/A	F-5														
NO 5 SHOWER & DRYING (M.C.)	F-6														
NO 16 MEN DRESSING R/A NO 24 WOMEN DRESSING R/A	F-7														
NO 7 LOCKER R/M (M.C.) NO 9 AUD R/A (M.C.)	F-8														
NO 13 FIRST AID R/A NO 25 SWIMMING POOL EQUIP.	F-9														
NO 10 VESTIBULE	F-10														
NO 17 MEN SHOWERS NO 21 WOMEN SHOWERS	F-11														
NO 18 OFFICE	F-12														
NO 19 CHECKING AREA	F-13														
NO 20 LOBBY	F-14														
NO 26 POOL AREA	F-15														
REMARKS	SEE FINISH SCHEDULE FOR FINISH NO. 1 THROUGH 15.														
ITEMS	SEE FINISH SCHEDULE FOR FINISH NO. 1 THROUGH 15.														

SPACE NUMBERS	FINISH NOS.															
	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	F-12	F-13	F-14	F-15	
FLOOR	CONC. 4	CONC. 5	CONC. 5	CONC. 5	CONC. 5	CONC. 5	CONC. 6	CONC. 6	CONC. 5	CONC. 5	CONC. 5	CONC. 6	VATILE 13	VATILE 13	CONC. 5	CONC. 6
BASE		CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	RUBBER 23	RUBBER 23	CONC. 7	CONC. 7
TRIM	TILE 25															
PARTITIONS																
UPPER WALL																
STARTING ABOVE FL.																
COLUMNS		CONC. 7				CONC. 7										
WAINSCOT		CMU 3	CMU 3	CMU 3												
HEIGHT		4'-0"	4'-0"	4'-0"												
HOOK STRIP																
HEIGHT																
REMAININ SURFACES	CONC. 7	CMU 2	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7	CONC. 7
BEAMS																
FURLINS																
JOIST																
STRUCTURAL HARDWARE																
CEILING		WOOD 15	CONC. 7	WOOD 15	CONC. 7	CONC. 7	WOOD 14	CONC. 7	WOOD 15	WOOD 14	GYP. BD. 24	WOOD 15	WOOD 14	WOOD 14	WOOD 14	WOOD 14
DOORS		STEEL 11		STEEL 11	STEEL 11							STEEL 11	STEEL 11	STEEL 11	STEEL 11	STEEL 11
DOOR FRAMES		STEEL 11		STEEL 11	STEEL 11							STEEL 11	STEEL 11	STEEL 11	STEEL 11	STEEL 11
WINDOW FRAMES	ALUM. 8															
CABINETS																
BENCHES																
COUNTERS																
CAT WALK																
WATER CLOSET ENCL.	STEEL 10	STEEL 10														
URINAL PART'N	STEEL 10	STEEL 10														
MODESTY ENCL.																
TREADS	CONC. 4															
RISERS	CONC. 4															
HAND RAILINGS																

DOOR AND HARDWARE SCHEDULE

NUMBER	DOOR				FRAME		HARDWARE				REMARKS
	WIDTH	HEIGHT	THICKNESS	TYPE	HEAD	JAMB	LOCKS	LATCHES	STOP	HINGE	
1	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
2	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
3	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
4	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
5	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
6	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
7	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
8	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
9	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
10	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
11	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
12	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
13	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
14	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
15	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
16	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
17	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
18	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
19	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					
20	3'-0"	7'-0"	1 1/2"	H	1'-0"	1'-0"					



Checked Drawing

108

DATE: MARCH 21, 1969
REVISIONS

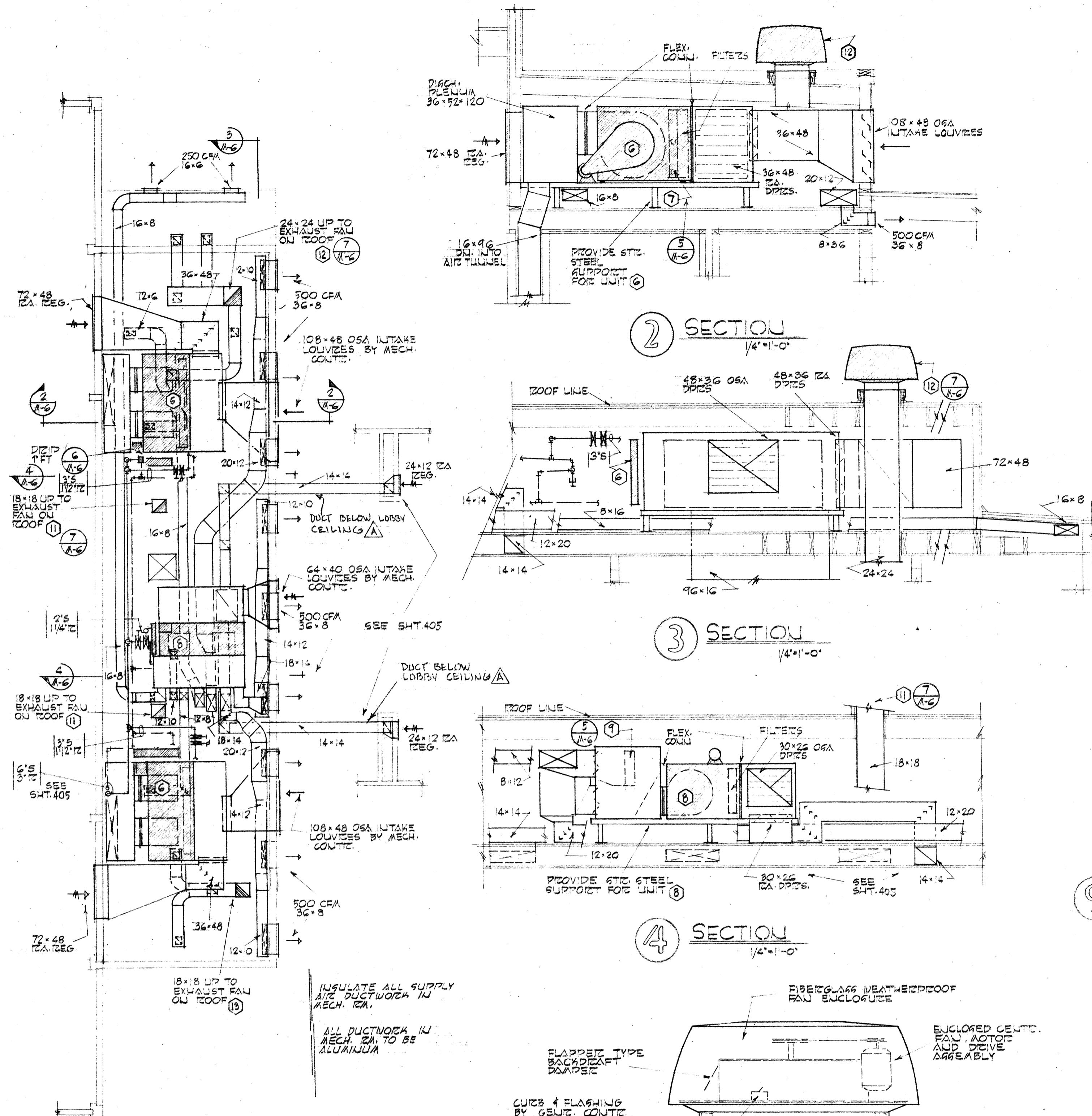
SCHEDULES - DETAILS

SWIMMING POOL FOR SANDY OREGON

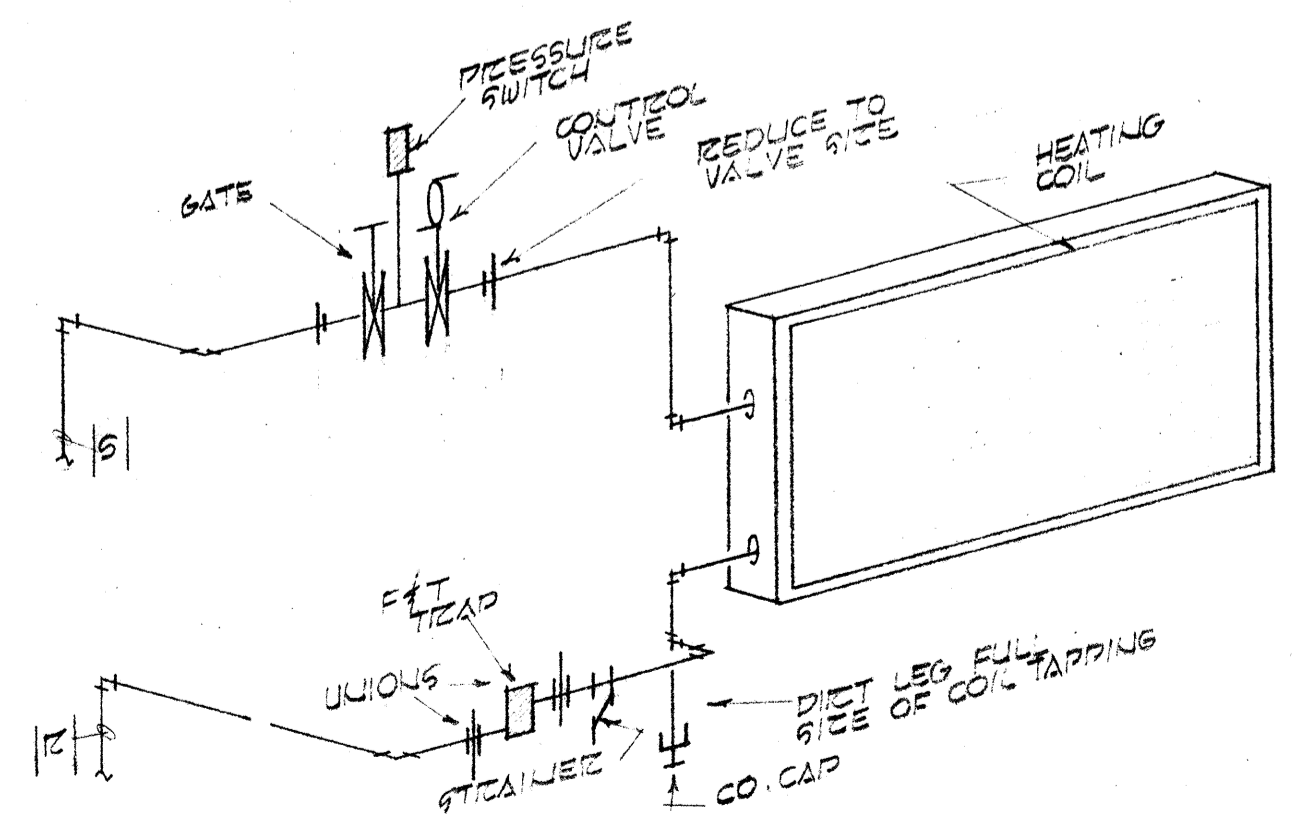
SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY

EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS

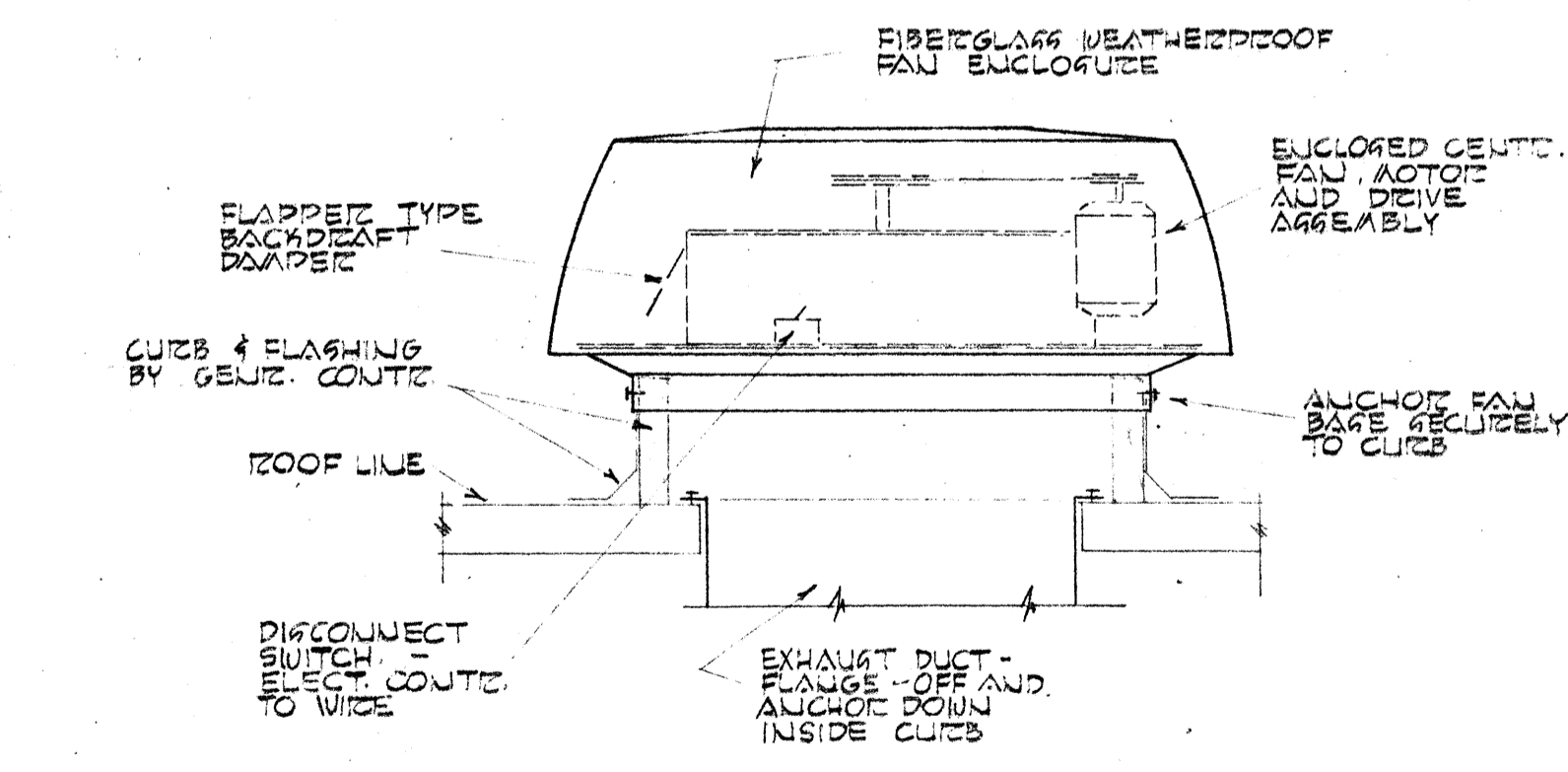
444 FITTICK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158



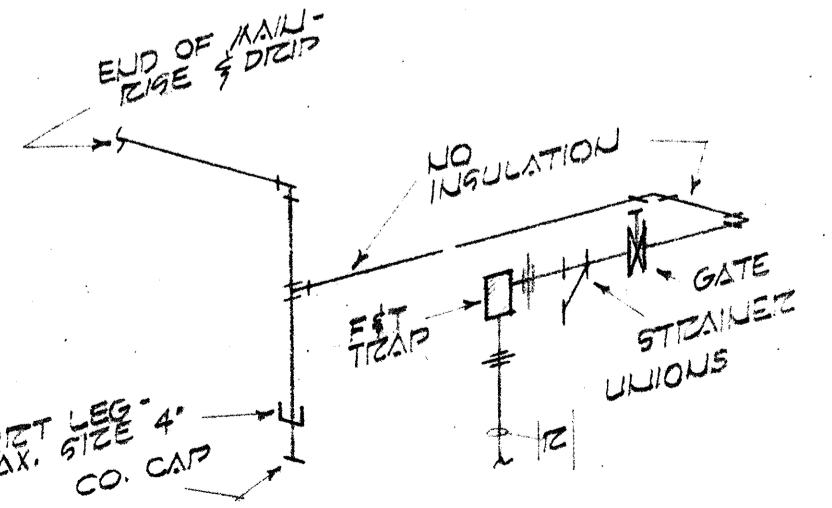
1 PLAN - MECHANICAL 1/8" = 1'-0"



5 TYPICAL HEATING COIL PIPING DIAGRAM DIAGRAMATIC

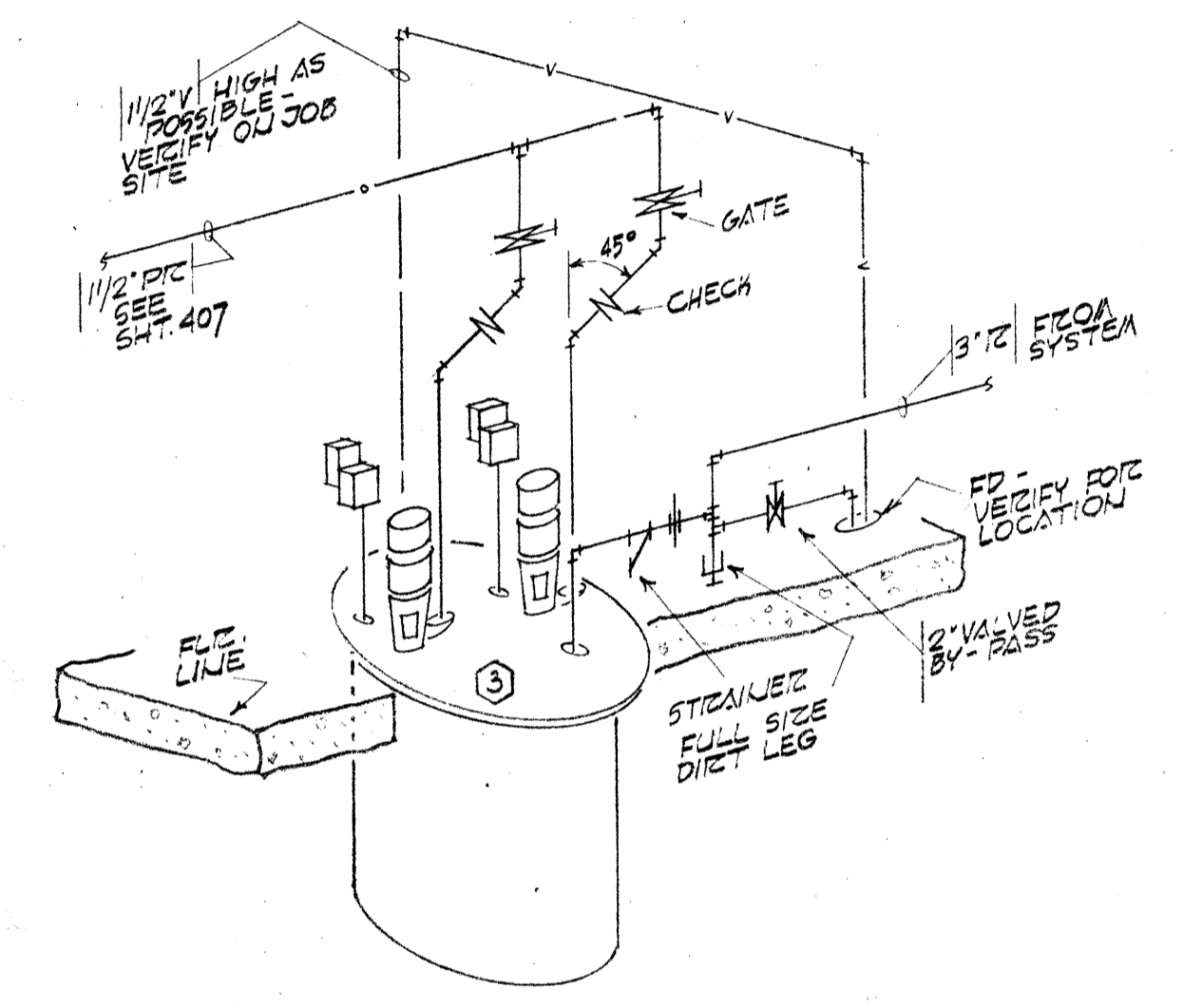


7 EXHAUST FAN ON ROOF NO SCALE

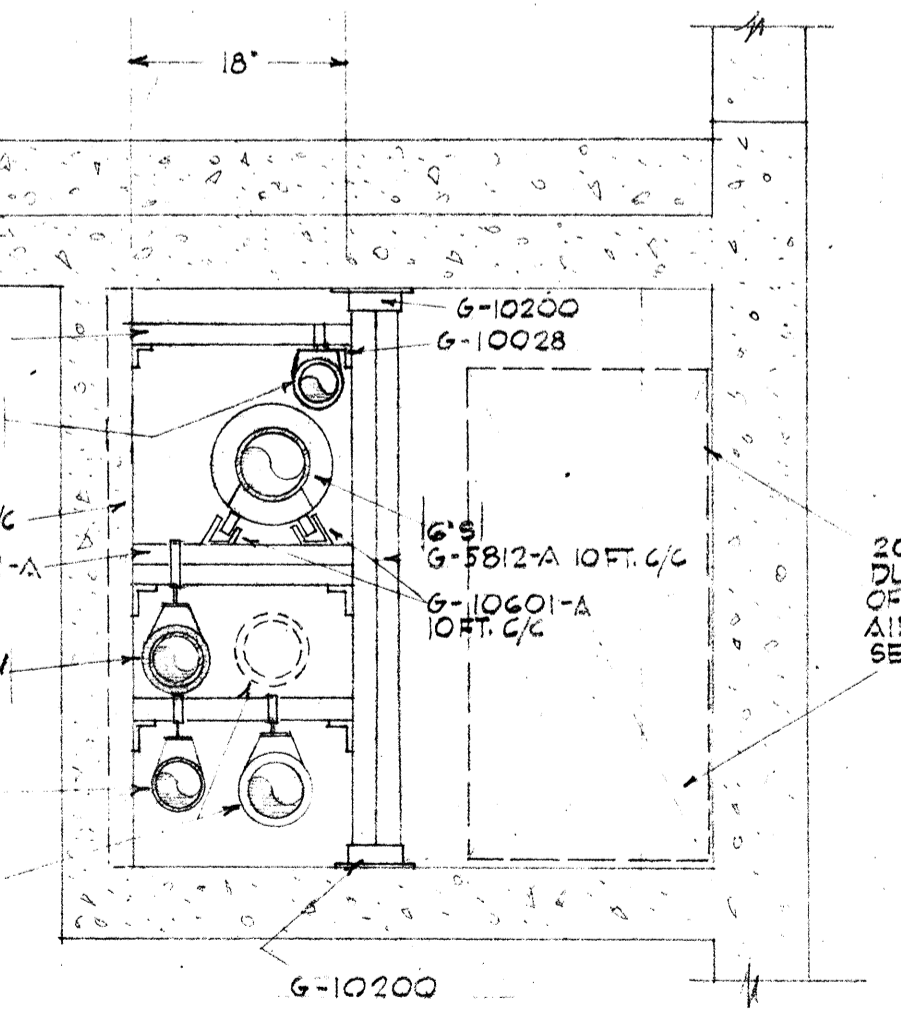


6 END OF MAIN DRIP DIAGRAMATIC

8 HOT WATER GENERATOR PIPING DIAGRAM DIAGRAMATIC

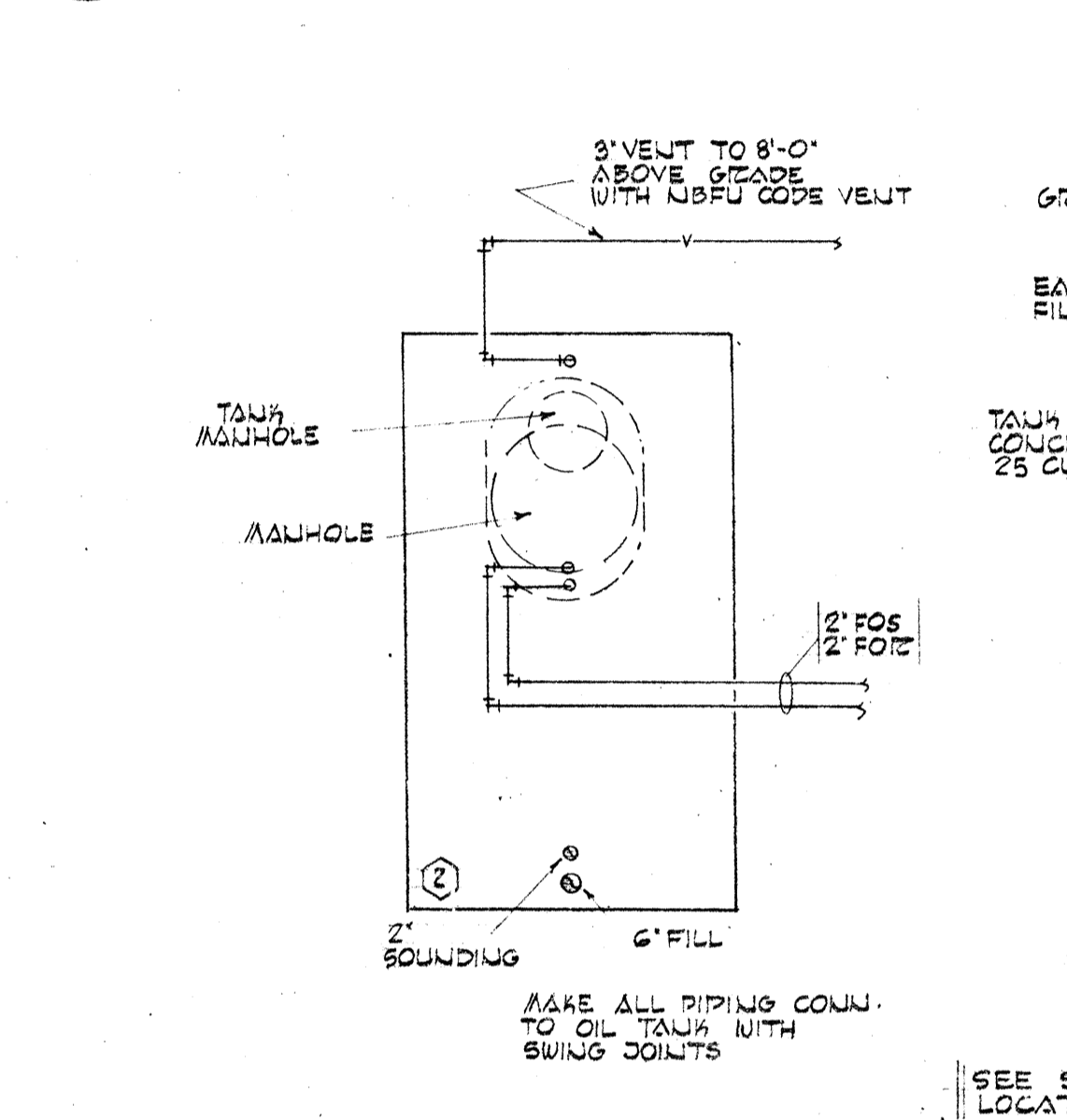


9 CONDENSATE RETURN PUMP PIPING DIAGRAM DIAGRAMATIC

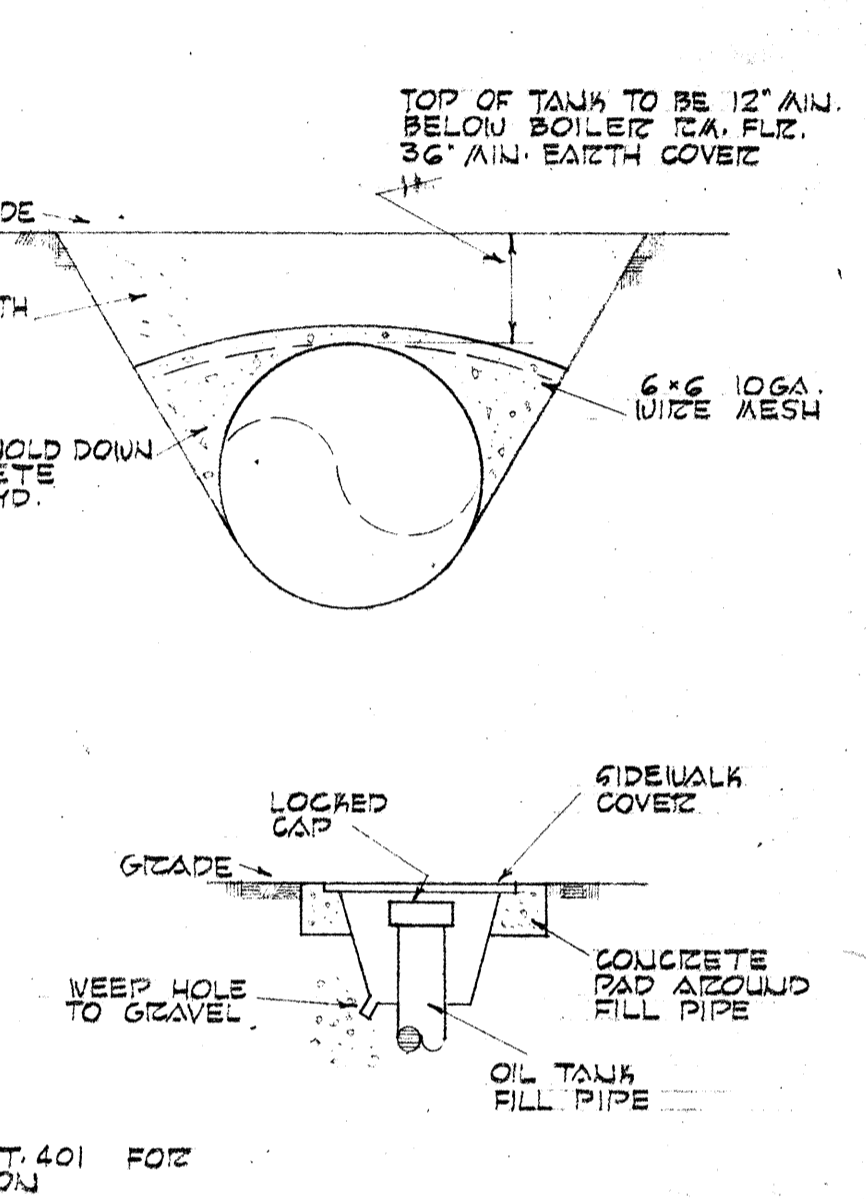


10 TUNNEL SECTION 3/4" = 1'-0"

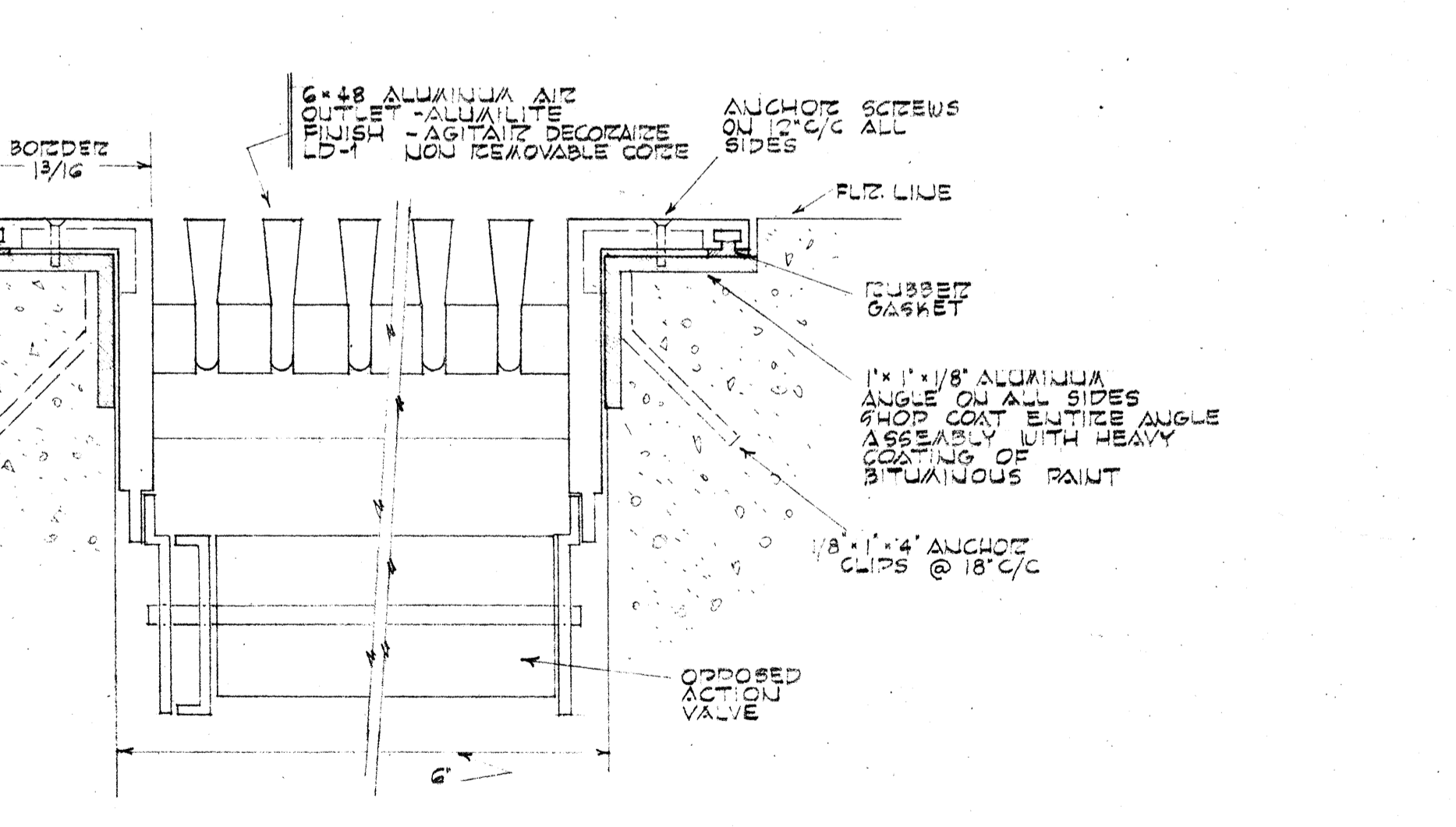
11 BOILER WATER LEVEL CONTROLS DIAGRAMATIC



12 BOILER SAFETY VALVE NO SCALE



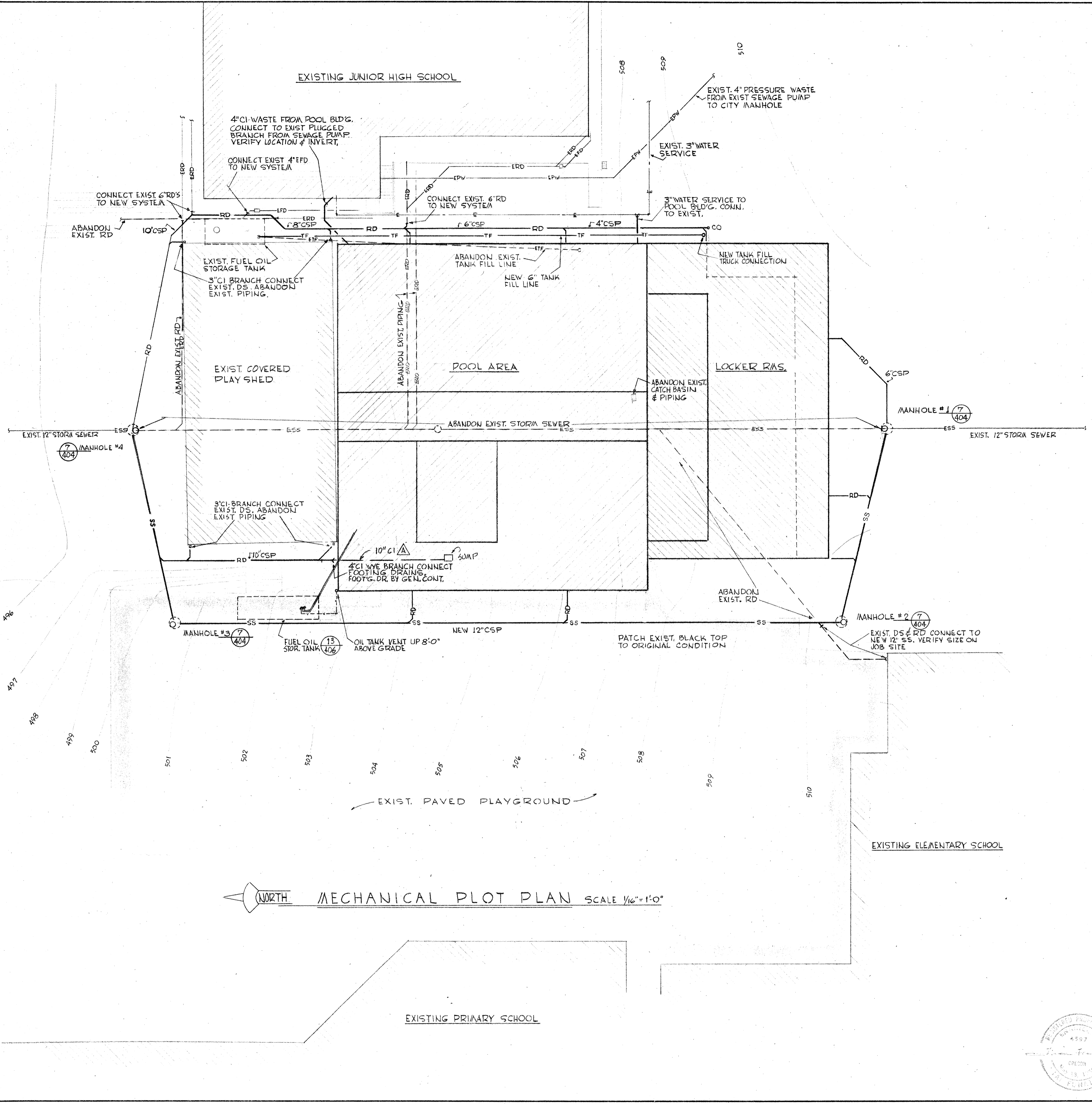
13 OIL TANK DETAILS NO SCALE



14 DETAIL - POOL AIR SUPPLY 1" = 1'-0"

4-25-67 AS BUILT REVISIONS

	DRAWN BY CHECKED BY STS 406	MECHANICAL DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS, COUNTY
	DATE MARCH 21, 66 REVISIONS	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS 444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158



PLUMBING CONNECTION SCHEDULE

MARK	FIXTURE	WASTE	VENT	CW	HW	REMARKS
A	WATER CLOSET	4"	2"	1"		
B	URINAL	2"	2"	3/4"		
C	LAVATORY	1/2"	1/2"	1/2"	1/2"	
D	SHOWER HEAD				1/2"	
E	SERVICE SINK	3"	2"	1/2"	1/2"	
F1	HOSE BIBB			3/4"		NON-FREEZE
F2	HOSE BIBB				3/4"	INSIDE
G1	SHOWER DRAIN	3"	2"			JOSAM 303-35CK - SINGLE STALL
G2	SHOWER DRAIN	3"	2"			JOSAM 303-35DK - GANG
H1	FLOOR DRAIN	3"	2"			JOSAM 303-35CK
H2	FLOOR DRAIN	3"	2"			JOSAM 7703
H3	FLOOR DRAIN	3"	2"			JOSAM 7723 - E3 F-F OVAL
J	DRINKING FOUNTAIN	1/4"	1/4"	1/2"		
K	DRINKING FOUNTAIN - CUSPIDOR	1/2"	1/4"	1/2"		
F3	HOSE BIBB			3/4"		INSIDE

POOL FITTINGS

P1	MAIN POOL DRAINS	JOSAM 0498-YY-K
P2	SHALLOW POOL DRAIN	JOSAM 0482-RK
P3	MAIN POOL INLETS	SWIAQUIP 8416 2"
P4	SHALLOW POOL INLETS	SWIAQUIP 8424 1 1/4"
P5	MAIN POOL FILL	SWIAQUIP 8400 2"
P6	SHALLOW POOL FILL	SWIAQUIP 8360 1"
P7	POOL VACUUM	SWIAQUIP 8080 1/2" x 2"
P8	POOL SKIMMERS	SWIAQUIP 8650 2"

CO = CLEAN OUT
 VTR = VENT THRU ROOF
 DS = DOWN SPOUT

CI = CAST IRON
 CSP = CONCRETE SEWER PIPE

THE ABOVE CONNECTION SIZES ARE FOR INDIVIDUAL PLUMBING FIXTURES. ALL BRANCH WASTE AND VENT PIPING TO BE SIZED ON ACCUMULATED FIXTURE WEIGHTS PER APPLICABLE PLUMBING CODES.

NO WASTE PIPING BELOW GRADE TO BE SMALLER THAN 2" CAST IRON.

PLUMBING FOREMAN TO VERIFY ALL FIXTURES BEFORE COMMENCING WORK. PLUMBING DRAWINGS ARE GENERALLY DIAGRAMMATIC, VERIFY ALL FIXTURE LOCATIONS FROM ARCHITECTURAL DRAWINGS.

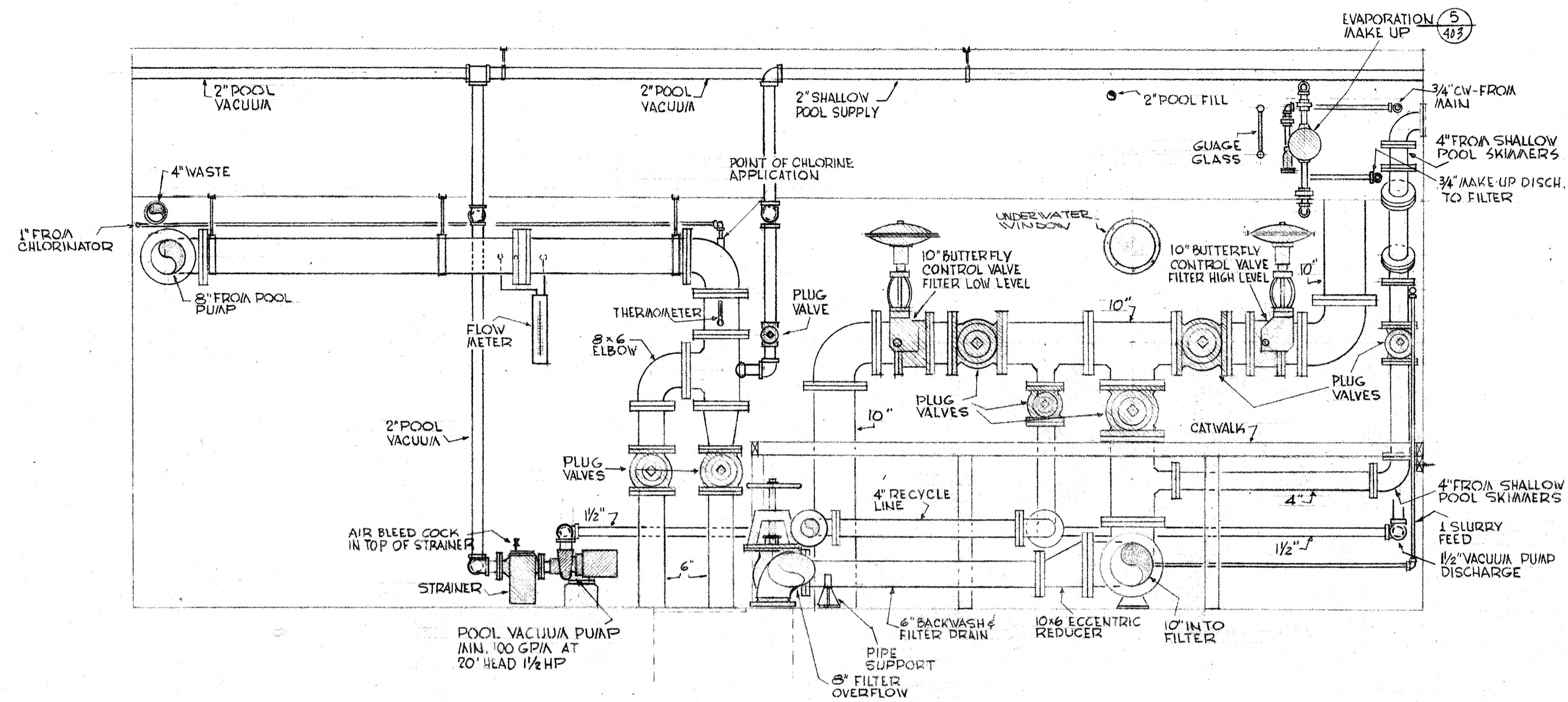
EXIST. PIPING INDICATED ALONG WEST END OF EXIST. JUNIOR HIGH SCHOOL, IS ONLY APPROXIMATE, VERIFY ALL LOCATIONS AND INVERTS BEFORE INSTALLATION AND CONNECTIONS TO NEW SYSTEM.

PIPING LEGEND

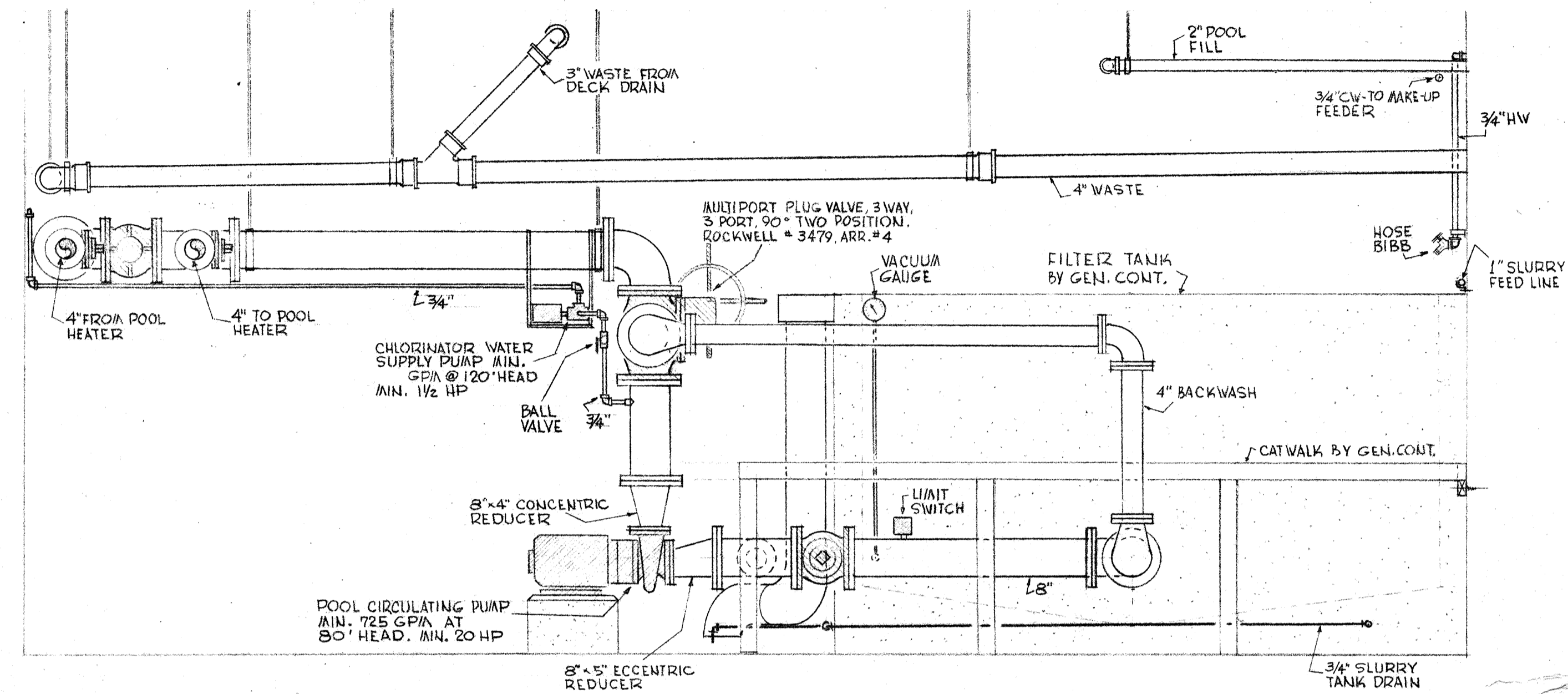
WASTE	W	-----	W	-----	W
VENT	V	-----	V	-----	V
RAIN DRAIN	RD	-----	RD	-----	RD
COLD WATER	CW	-----	CW	-----	CW
HOT WATER (105°F)	HW	-----	HW	-----	HW
POOL FILL	PF	-----	PF	-----	PF
POOL SUPPLY	PS	-----	PS	-----	PS
POOL VACUUA	PV	-----	PV	-----	PV
SKIMMER RETURN	SR	-----	SR	-----	SR
POOL DRAIN	PD	-----	PD	-----	PD
CHLORINE	C	-----	C	-----	C
CHLORINATOR WATER	CLW	-----	CLW	-----	CLW
STORM SEWER	SS	-----	SS	-----	SS

4-25-67 AS BUILT REVISIONS

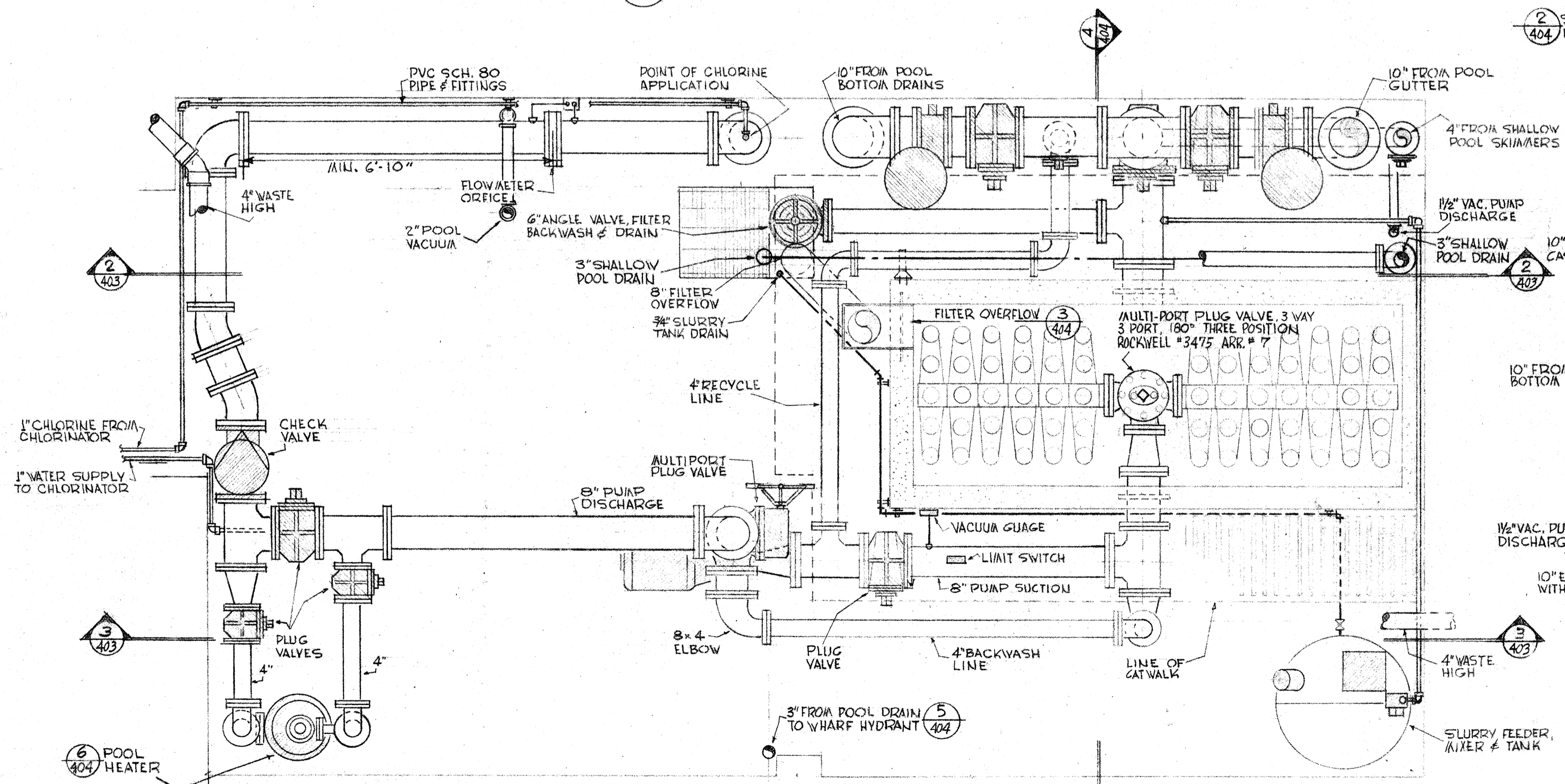
	DRAWN	MECHANICAL PLOT PLAN SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO. 46 CLACKAMAS COUNTY
	CHECKED DRAWING 401	
DATE MARCH 21, 66 REVISIONS	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 FITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158	



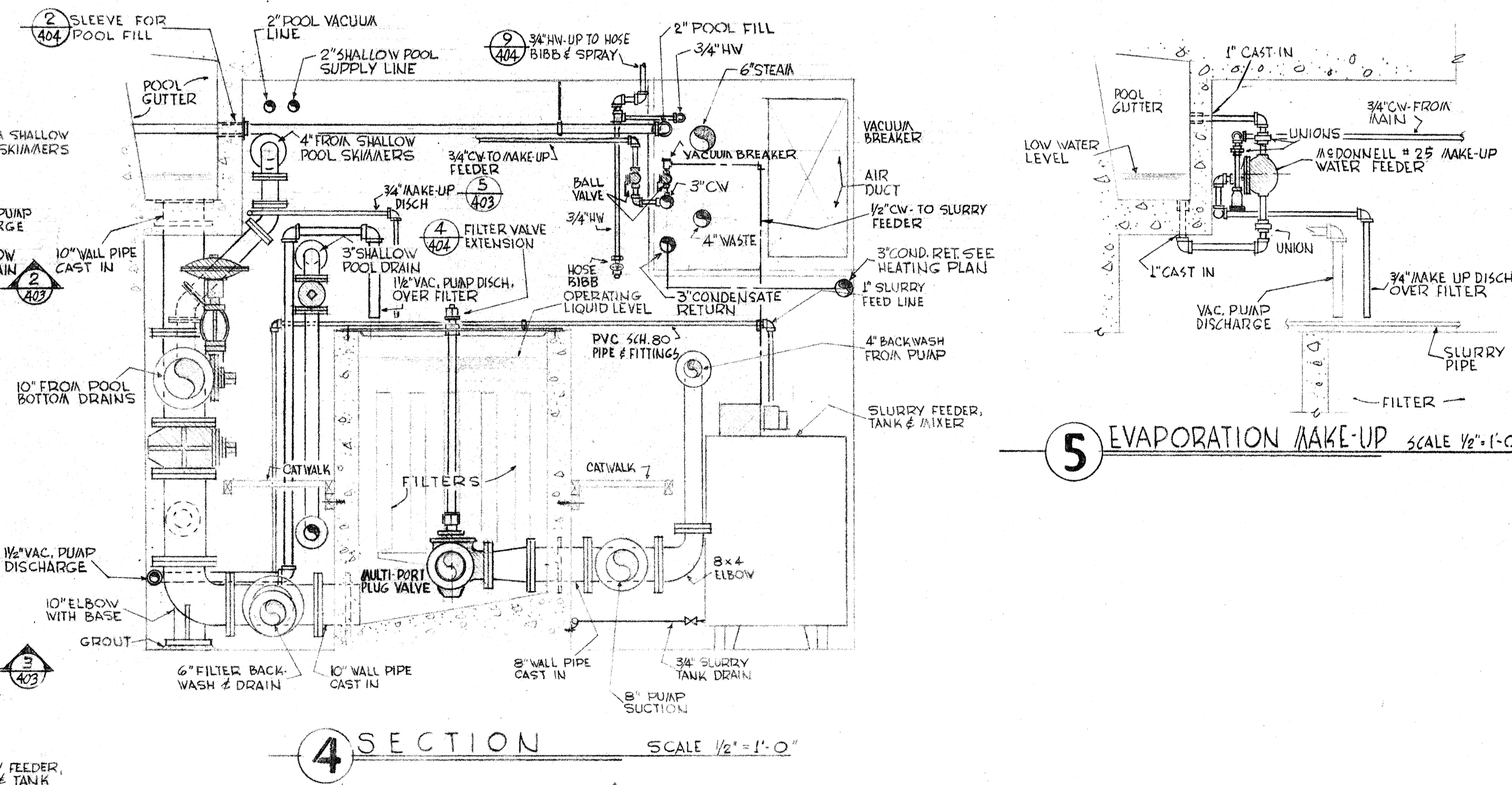
2 SECTION SCALE 1/2" = 1'-0"



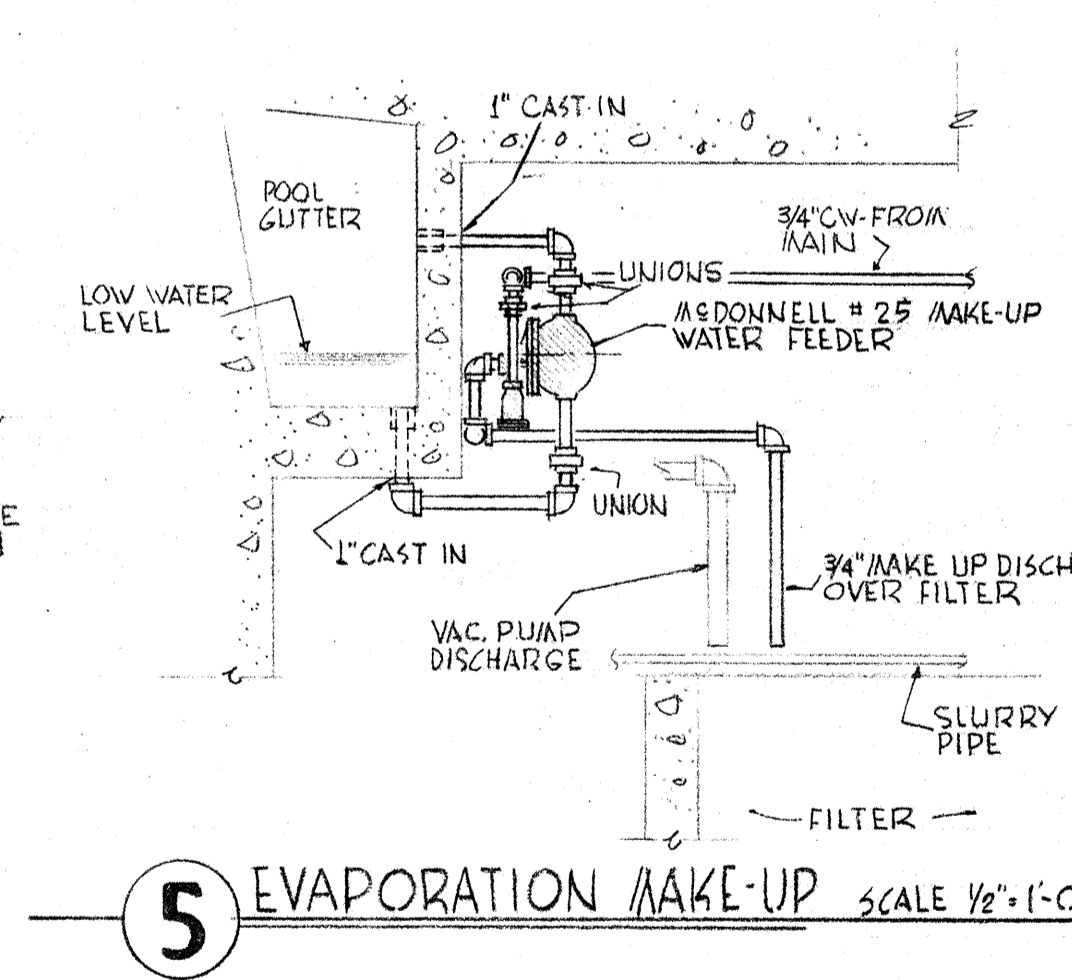
3 SECTION SCALE 1/2" = 1'-0"



1 POOL MECHANICAL RM. PLAN SCALE 1/2" = 1'-0"



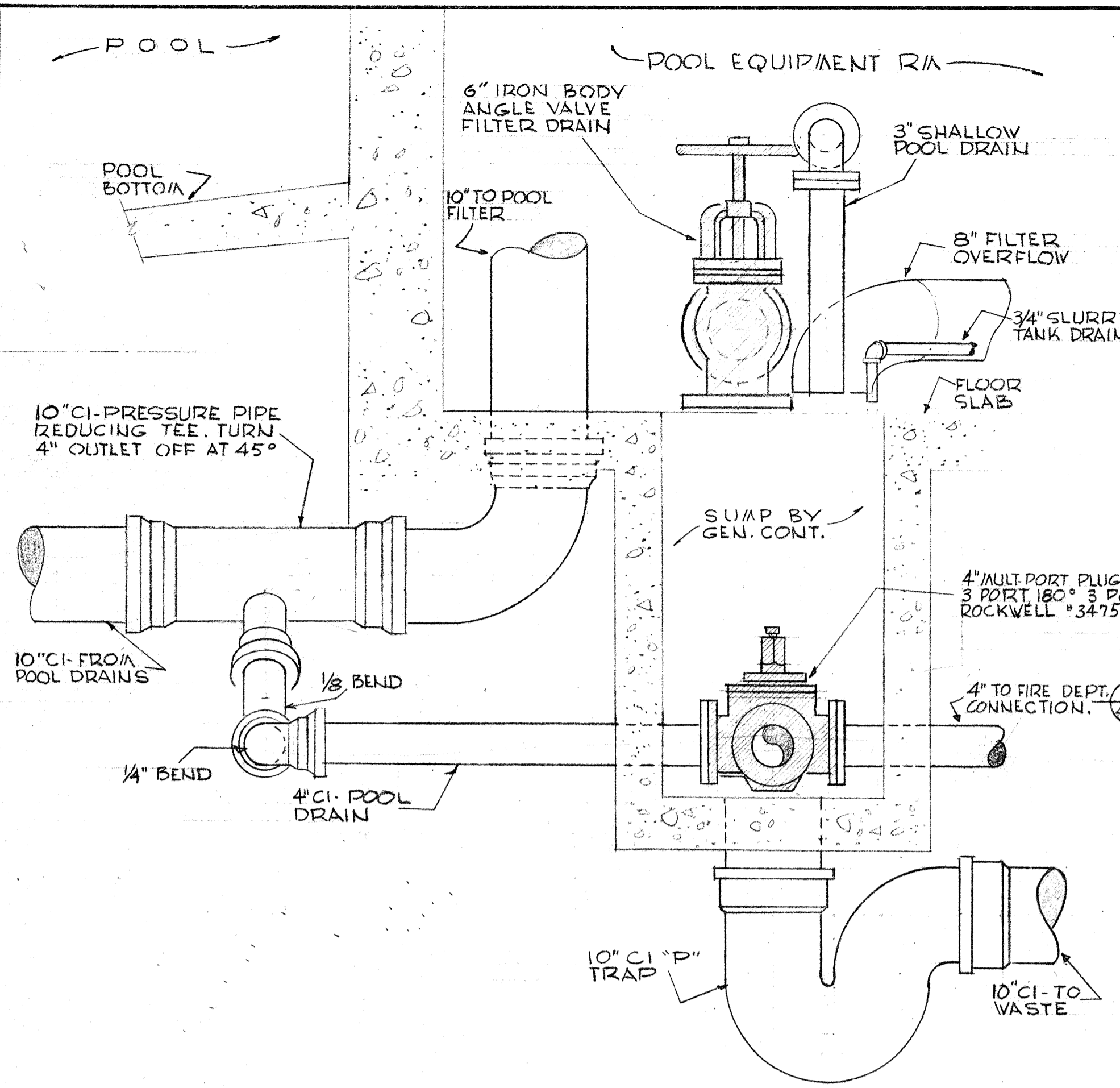
4 SECTION SCALE 1/2" = 1'-0"



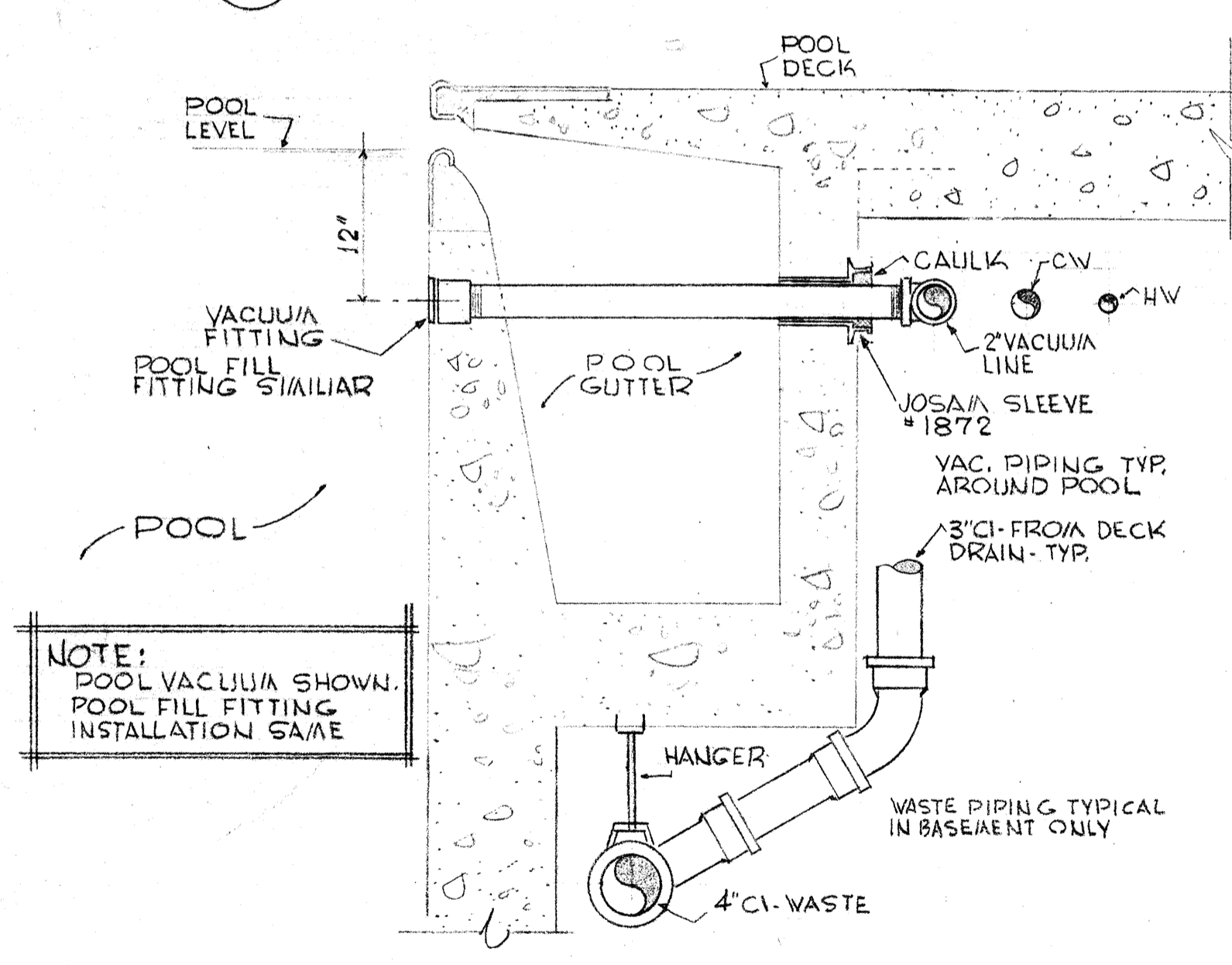
5 EVAPORATION MAKE-UP SCALE 1/2" = 1'-0"

4-25-67, AS BUILT REVISIONS

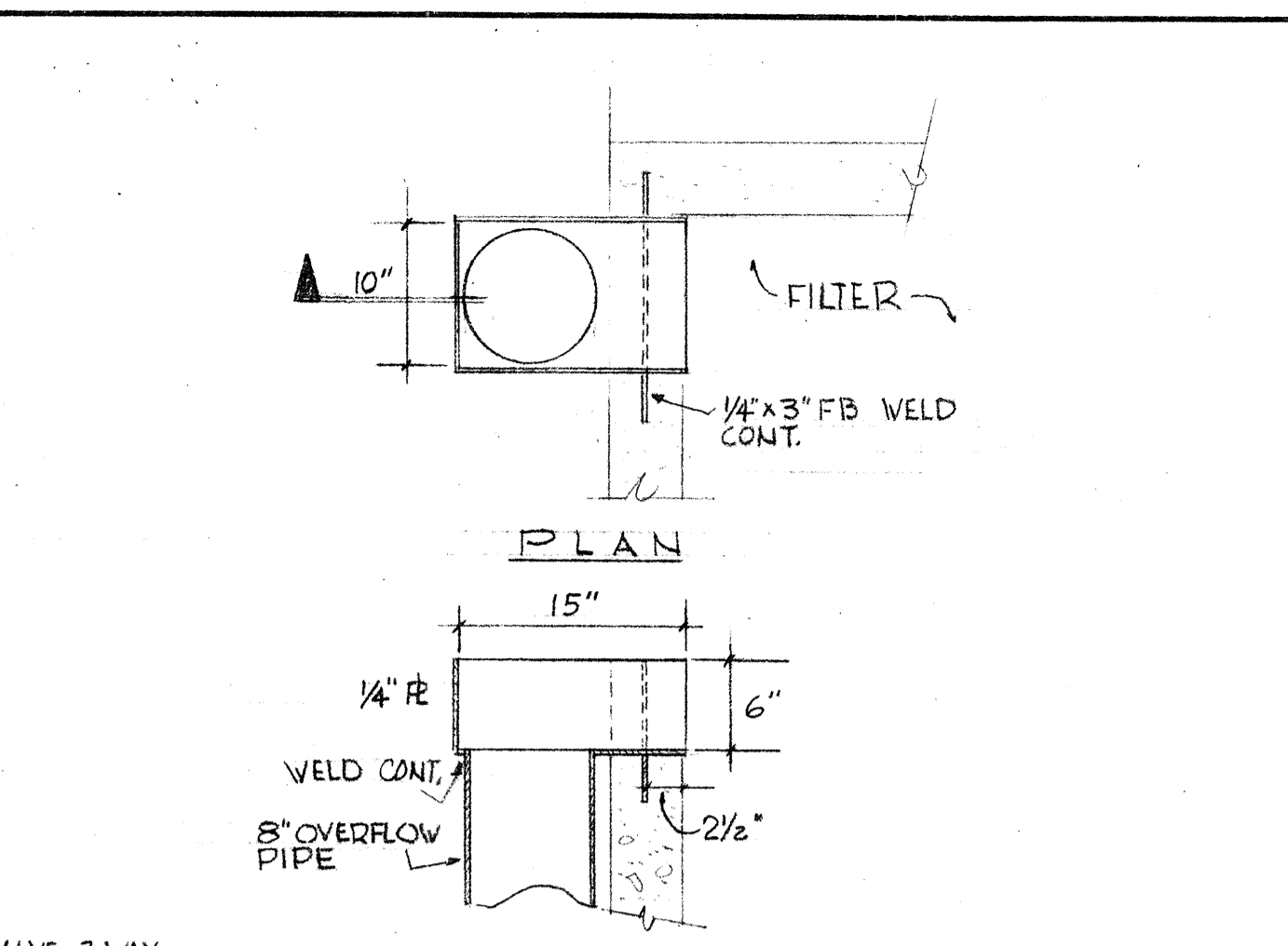
	DRAWN 403	POOL MECHANICAL PLAN-DETAIL SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLATSOP COUNTY
	CHECKED DATE MARCH 21, 66 REVISIONS	



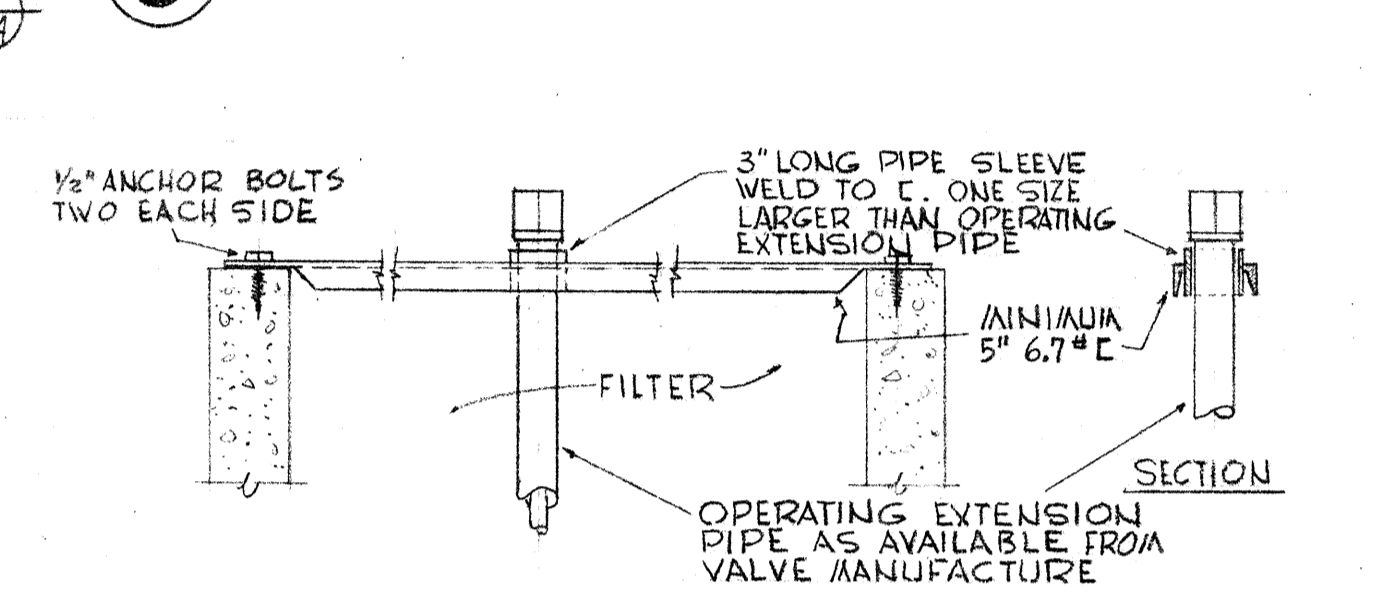
1 DETAIL AT SUMP SCALE 1"=1'-0"



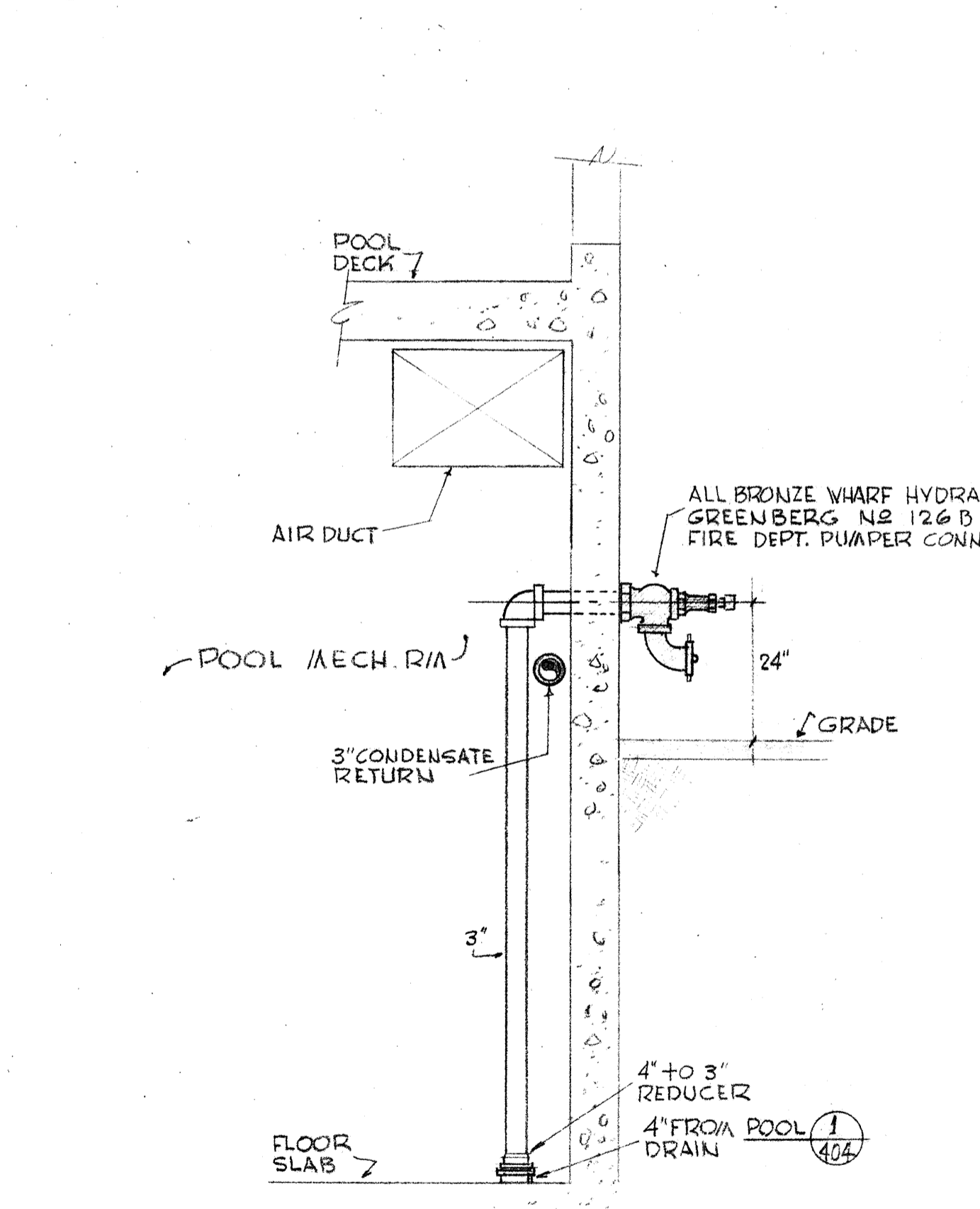
2 DETAIL SCALE 1"=1'-0"



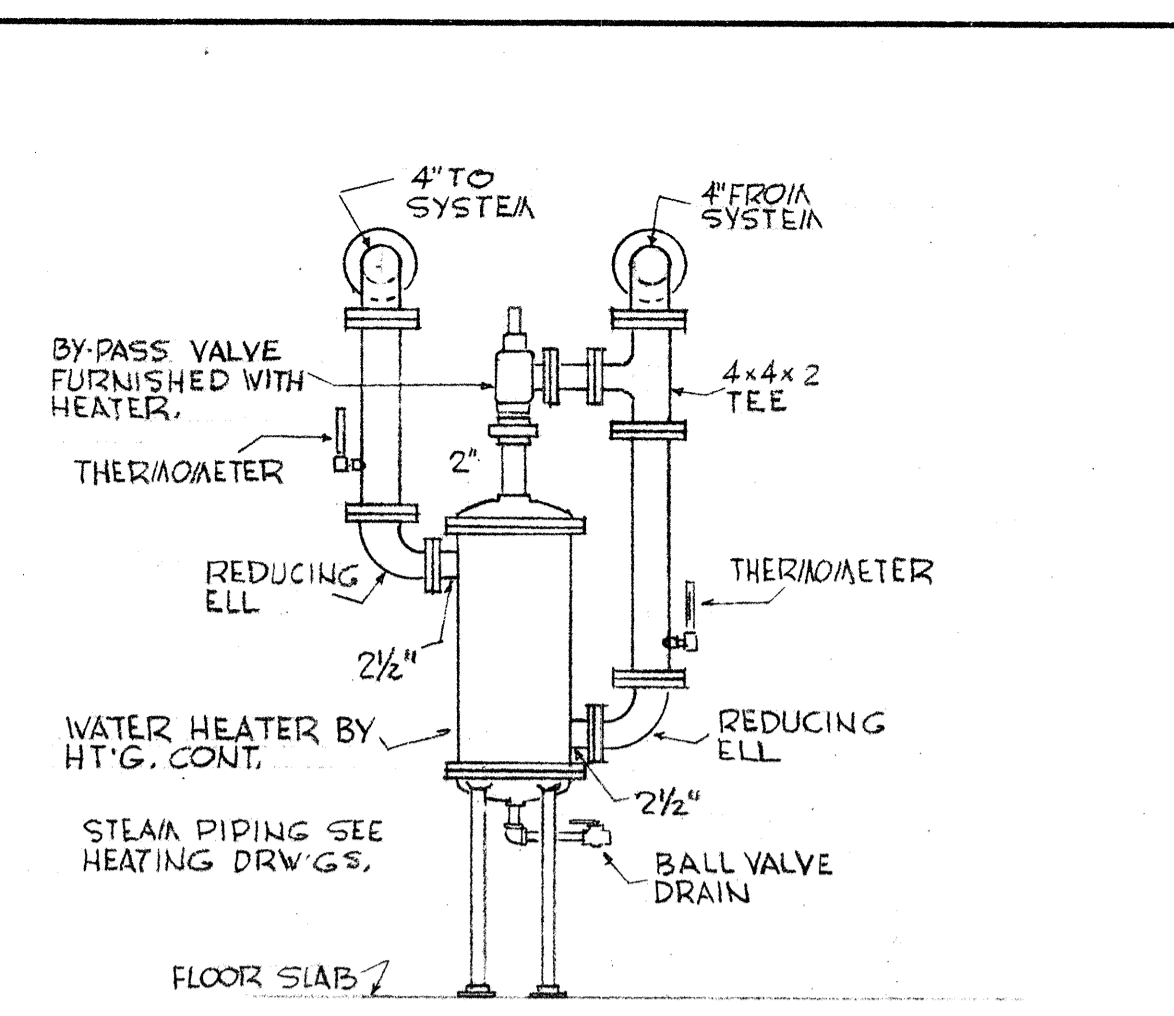
3 DETAIL FILTER OVERFLOW SCALE 1"=1'-0"



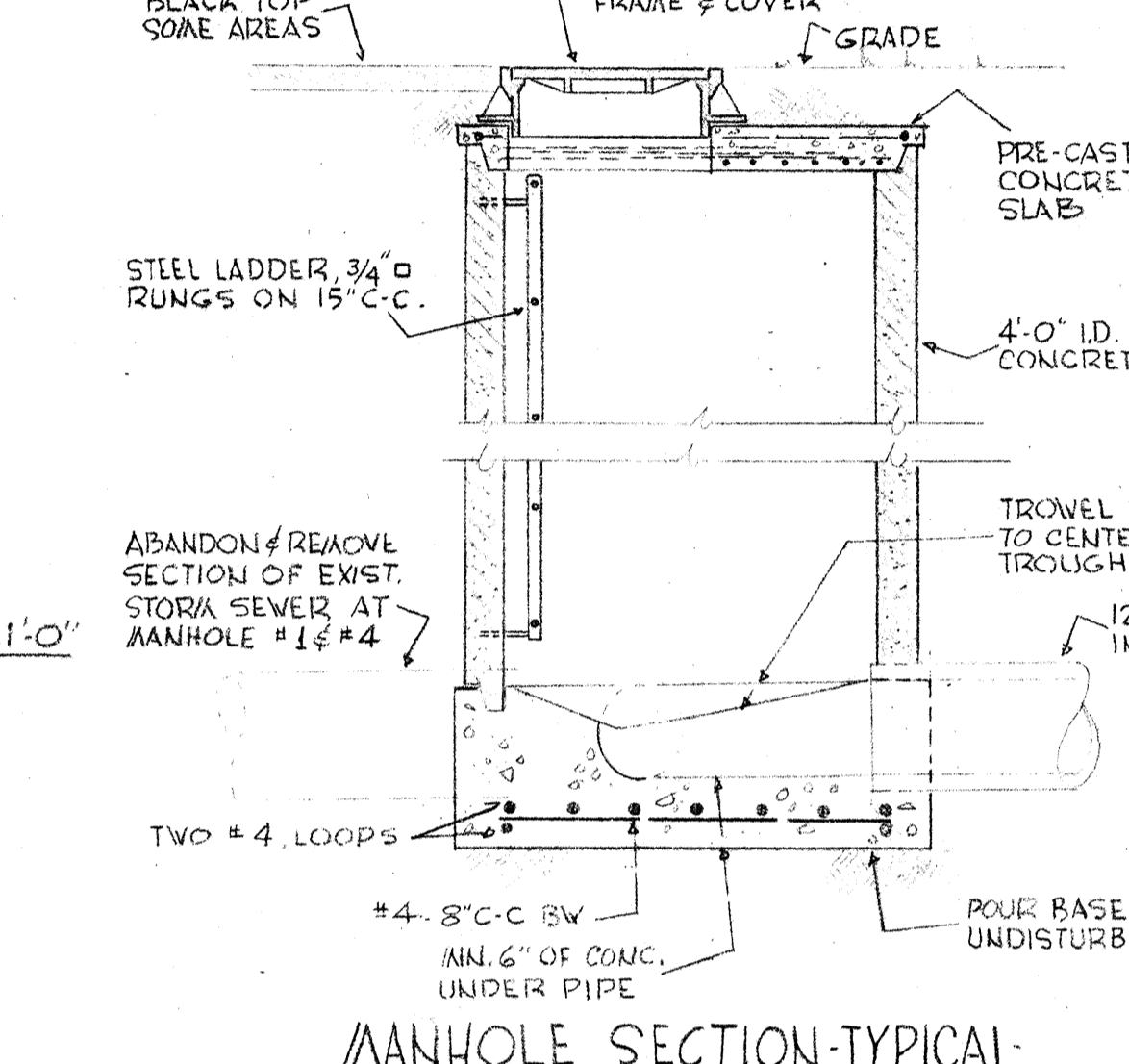
4 FILTER VALVE HIGH HEAD EXTENSION SCALE 1"=1'-0"



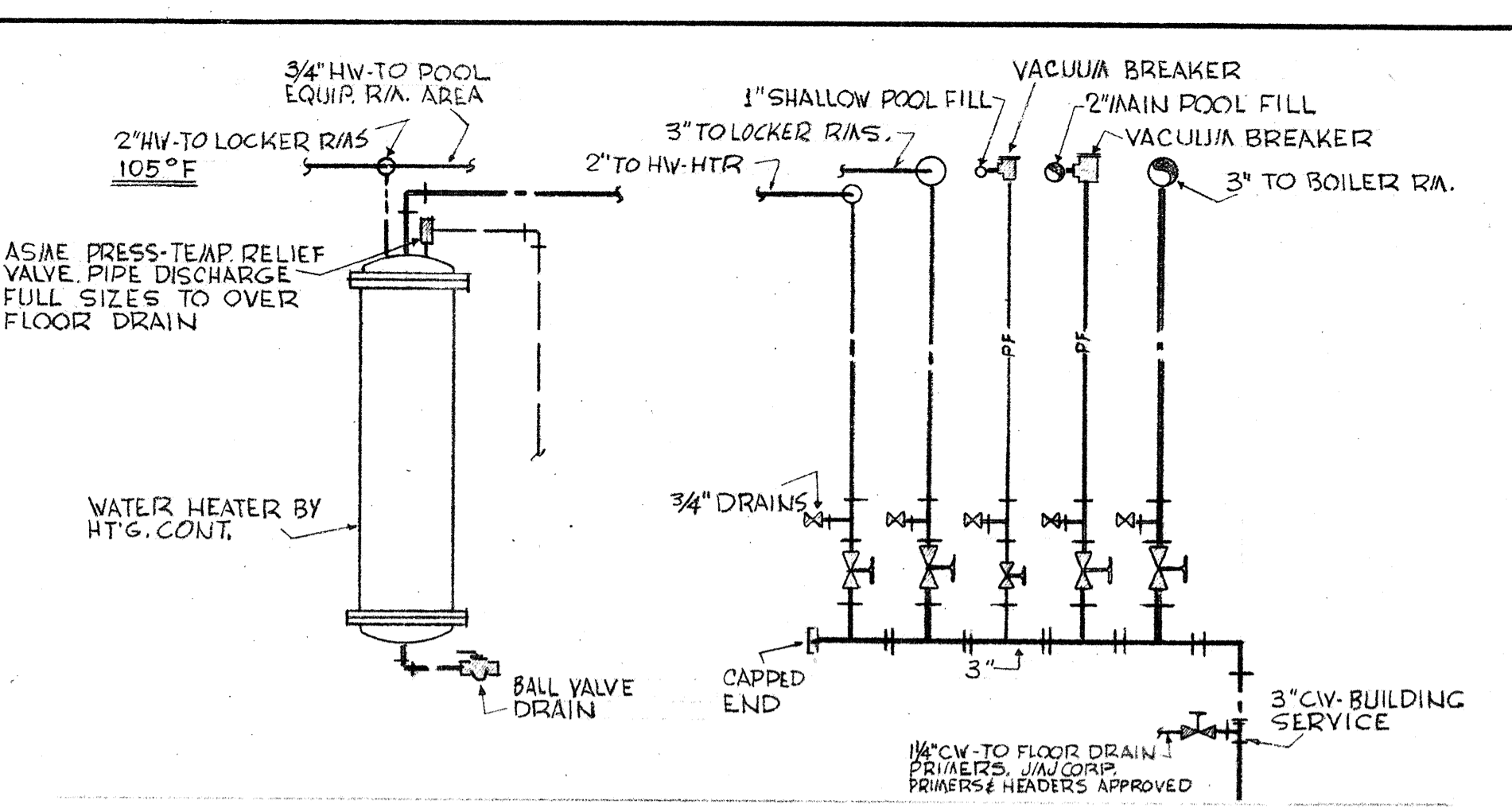
5 FIRE DEPARTMENT CONNECTION SCALE 1/2"=1'-0"



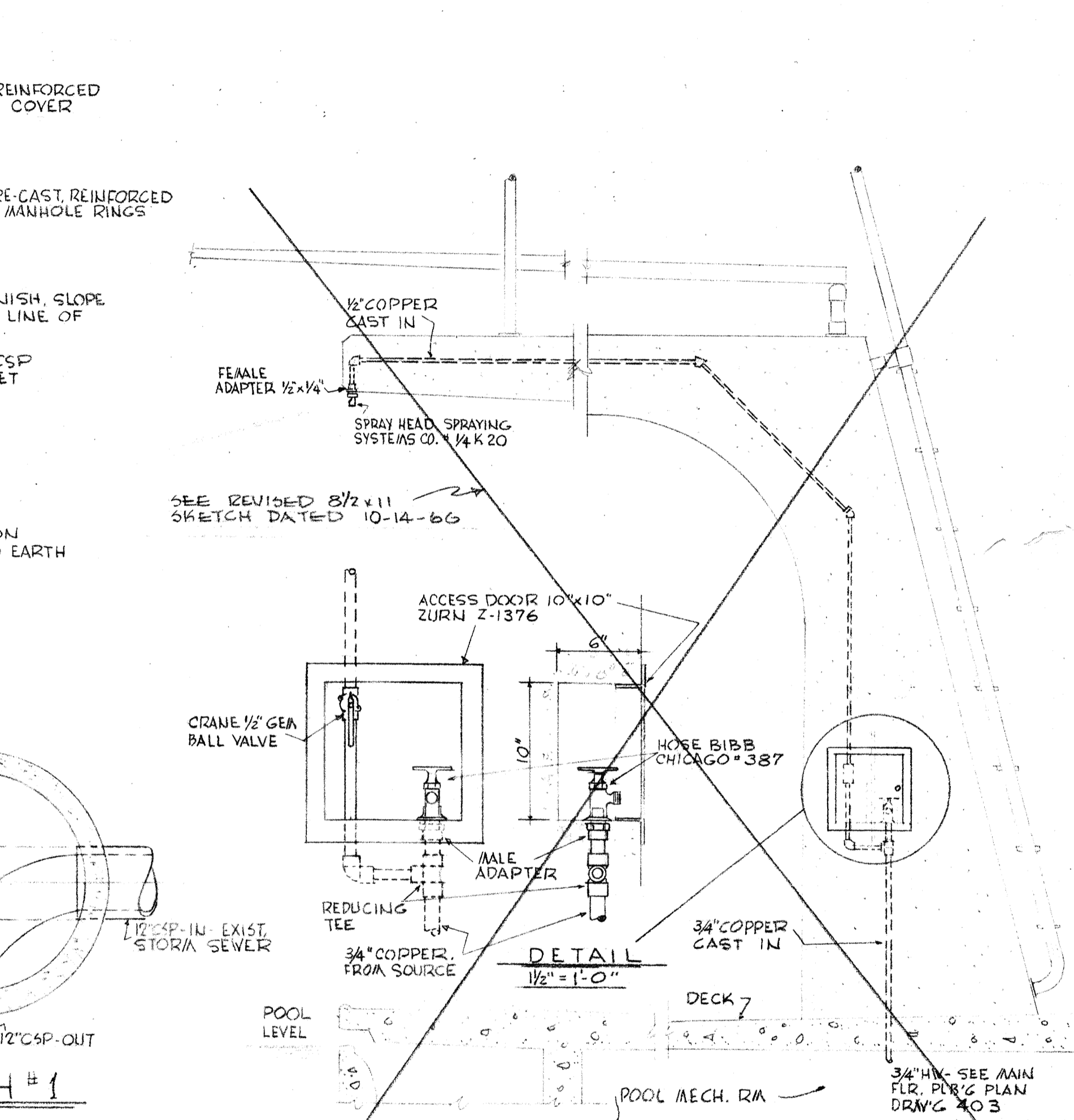
6 POOL WATER HEATER SCALE 1/2"=1'-0"



7 MANHOLE DETAILS SCALE 1/2"=1'-0"



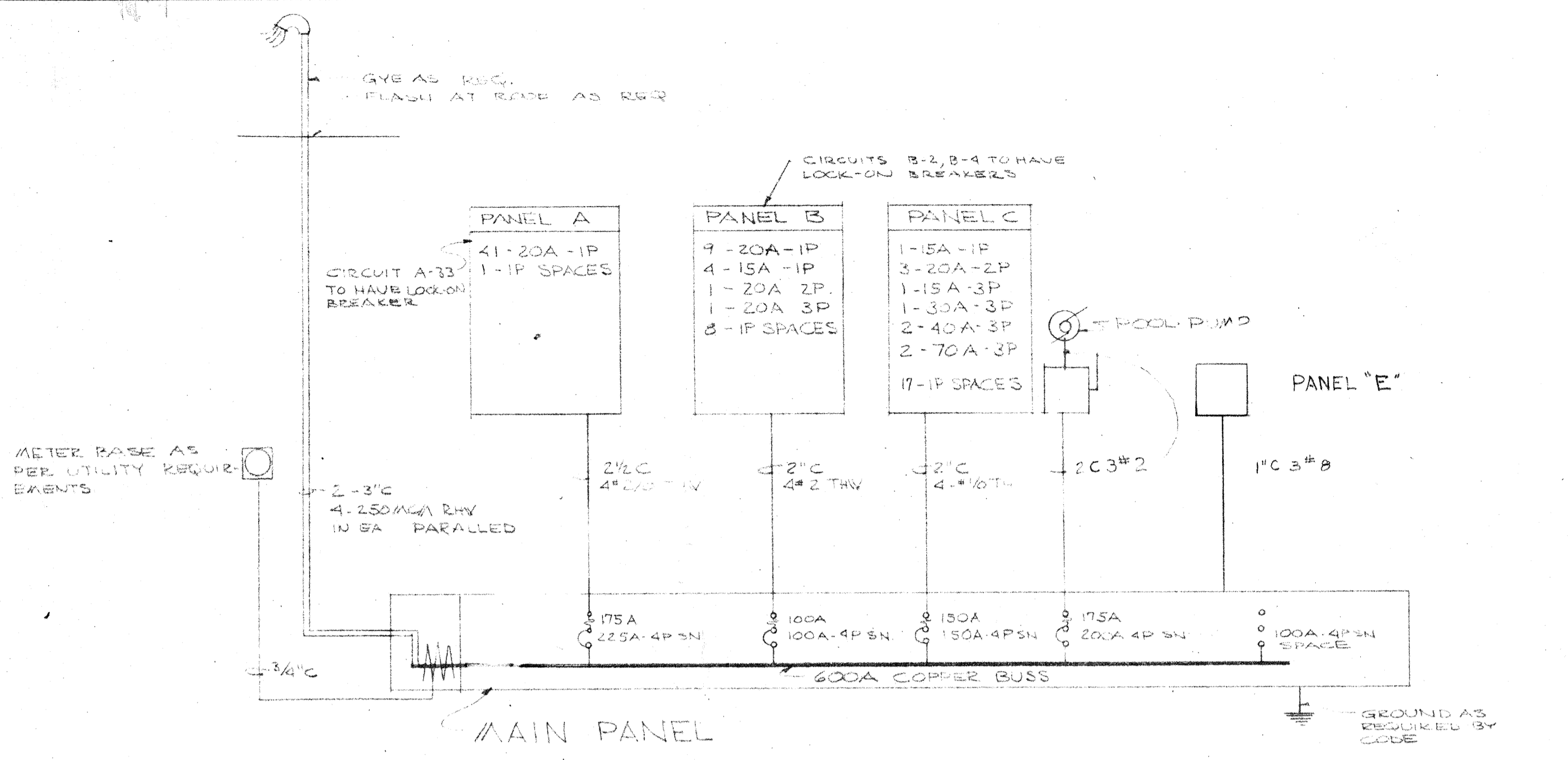
8 DOMESTIC WATER HEATER & COLD WATER HEADER DIAGRAMMATIC



9 HOSE BIBB & SPRAY HEAD PIPING SCALE 3/4"=1'-0"

4-25-67 AS BUILT REVISIONS

	DRAWN	PLUMBING DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLATSOP COUNTY
	CHECKED DRAWING 404	
	DATE MARCH 23, 66	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS
	REVISIONS	444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158

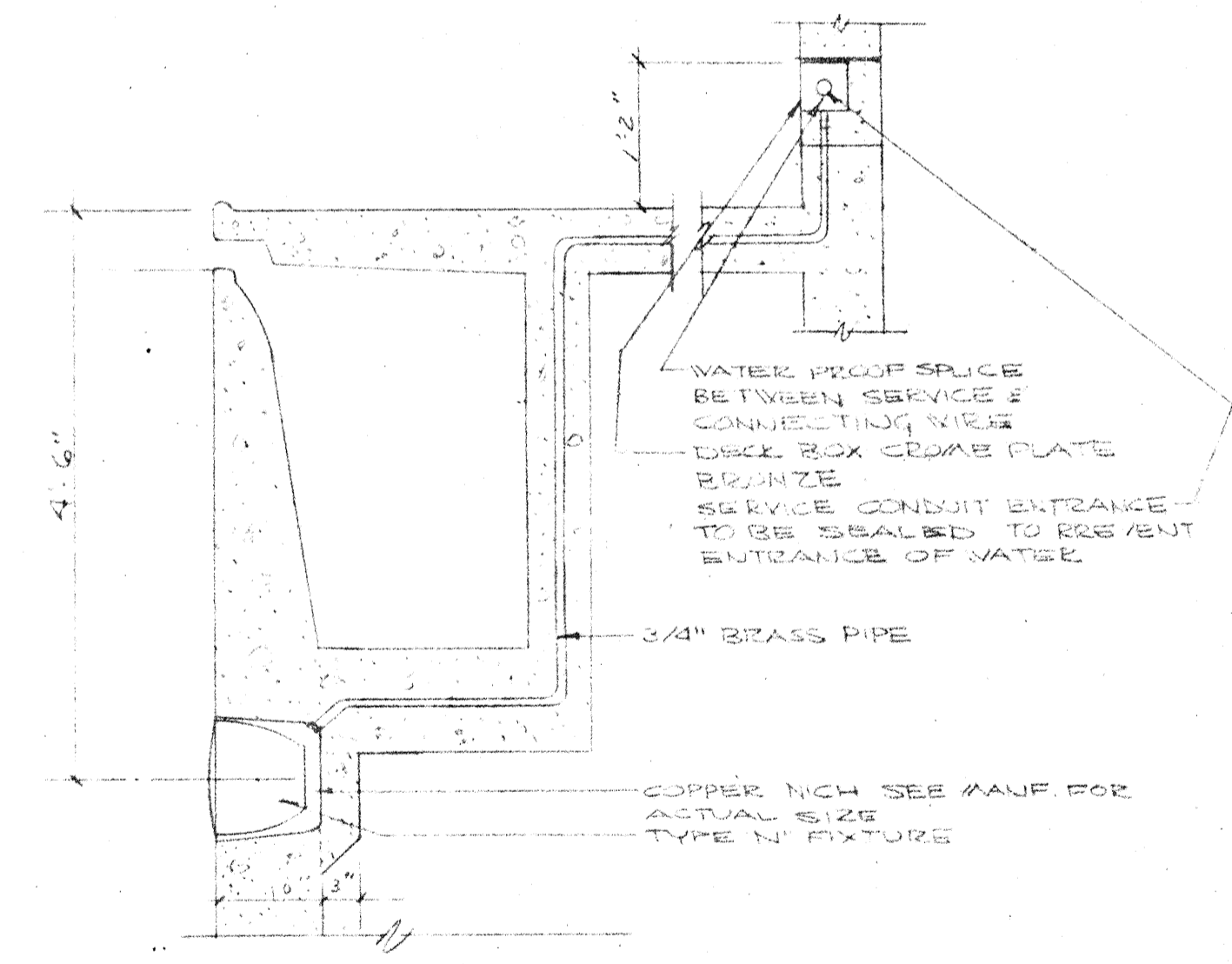


ONE LINE RISER DIAGRAM 120/208V-3Ø4W SN. WYE
NO SCALE

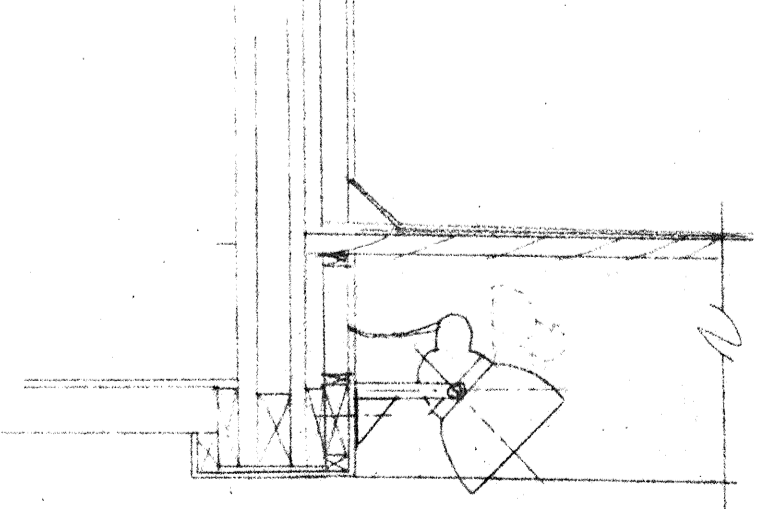
ELECTRICAL SYMBOLS

- FLOUORESCENT FIXTURE
- CEILING LIGHT OUTLET
- BRACKET LIGHT OUTLET
- RECESSED FIXTURE
- LIGHT OUTLETS ON PHOTO CELL
- ⊕ FLUSH SWITCHES
- ⊕ SWITCH WITH RED LIGHT
- ⊕ DUPLEX RECEPTACLE GROUNDING TYPE
- ⊕ WEATHER PROOF GROUNDING DUPLEX RECEPTACLE
- ⊕ SPECIAL OUTLET AS NOTED
- ⊕ JUNCTION BOX
- ⊕ WALL TELEPHONE OUTLET
- ⊕ MAGNETIC STARTER
- ⊕ MOTOR OUTLET
- ⊕ DISCONNECT SWITCH
- ⊕ PROGRAM HORN
- ⊕ CLOCK OUTLET
- ⊕ PROGRAM BUZZER
- ⊕ MICROPHONE OUTLET
- ▭ BRANCH PANEL
- ▭ MAIN PANEL
- BRANCH CIRCUIT IN CEILING OR WALL
- - - BRANCH CIRCUIT IN OR UNDER FLOOR
- HOME RUN TO PANEL

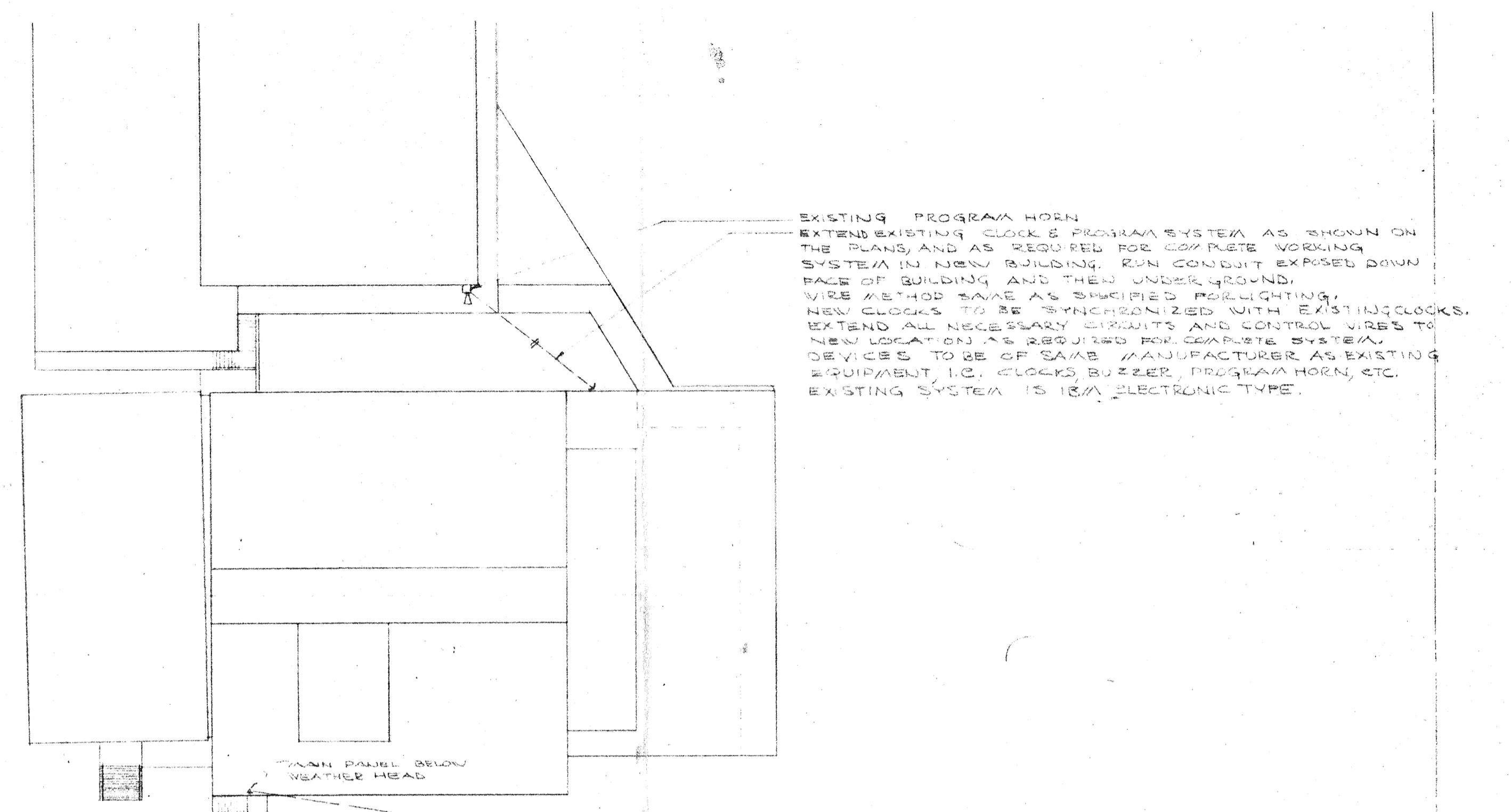
EQUIPMENT CONNECTION SCHEDULE					
NO	NAME & LOCATION	LOAD HP	VOLTAGE PH	BREAKER	REMARKS
1	TOILET ROOM EXHAUST FAN	1/4 HP	120V 1Ø	15A 1P	CONTROLLED BY SWITCH WITH PILOT LIGHT IN OFFICE NO 18
2	TOILET ROOM EXHAUST FAN	3/4 HP	208V 1Ø	20A 2P	CONTROLLED BY SWITCH WITH PILOT LIGHT IN OFFICE NO 18
3	SHOWER EXHAUST FAN	3/4 HP	208V 3Ø	5A 3P	INTERLOCK WITH LOCKER SUPPLY UNIT CONTROLS BY MECH. CONTRACTOR
4	SHOWER EXHAUST FAN	3/4 HP	208V 3Ø	15A 3P	
5	LOCKER ROOM SUPPLY UNIT	3 HP	208V 3Ø	30A 3P	CONTROLS BY MECH CONTRACTOR
6	POOL SUPPLY UNIT	7.5 HP	208V 3Ø	70A 3P	CONTROLS BY MECH. CONT. INTERLOCKED WITH POOL
7	POOL SUPPLY UNIT	7.5 HP	208V 3Ø	70A 3P	2 SPEED EXHAUST FAN MOTORS
8	POOL EXHAUST UNIT	5 HP	208V 3Ø	40A 3P	
9	POOL EXHAUST UNIT	5 HP	208V 3Ø	40A 3P	
10	VACUUM PUMP	1.5 HP	208V 3Ø	15A 3P	
11	BOOSTER PUMP	1.5 HP	208V 3Ø	15A 3P	
12	POOL PUMP	20 HP	208V 3Ø	175A 3P	BREAKER AT MAIN PANEL
13	SLURRY FEEDER	110V	1Ø 200	20A 1P	SWITCH & CONV. OUTLET
14	SLURRY MIXER	110V	1Ø 200	20A 1P	SWITCH & CONV. OUTLET
15	LOCKER ROOM SUPPLY UNIT	1 HP	208V 3Ø	15A 3P	CONTROLS BY MECH. NOT IN CONTRACT
16	LOCKER ROOM EXHAUST	1 HP	208V 3Ø	15A 3P	NOT IN CONTRACT
17	OIL PREHEAT	3 KW	208V 2Ø	20A 2P	
18	OIL BURNER MOTOR	2 HP	208V 3Ø	20A 3P	
19	CONDENSATE RETURN PUMP	1.5 HP	208V 3Ø	15A 3P	



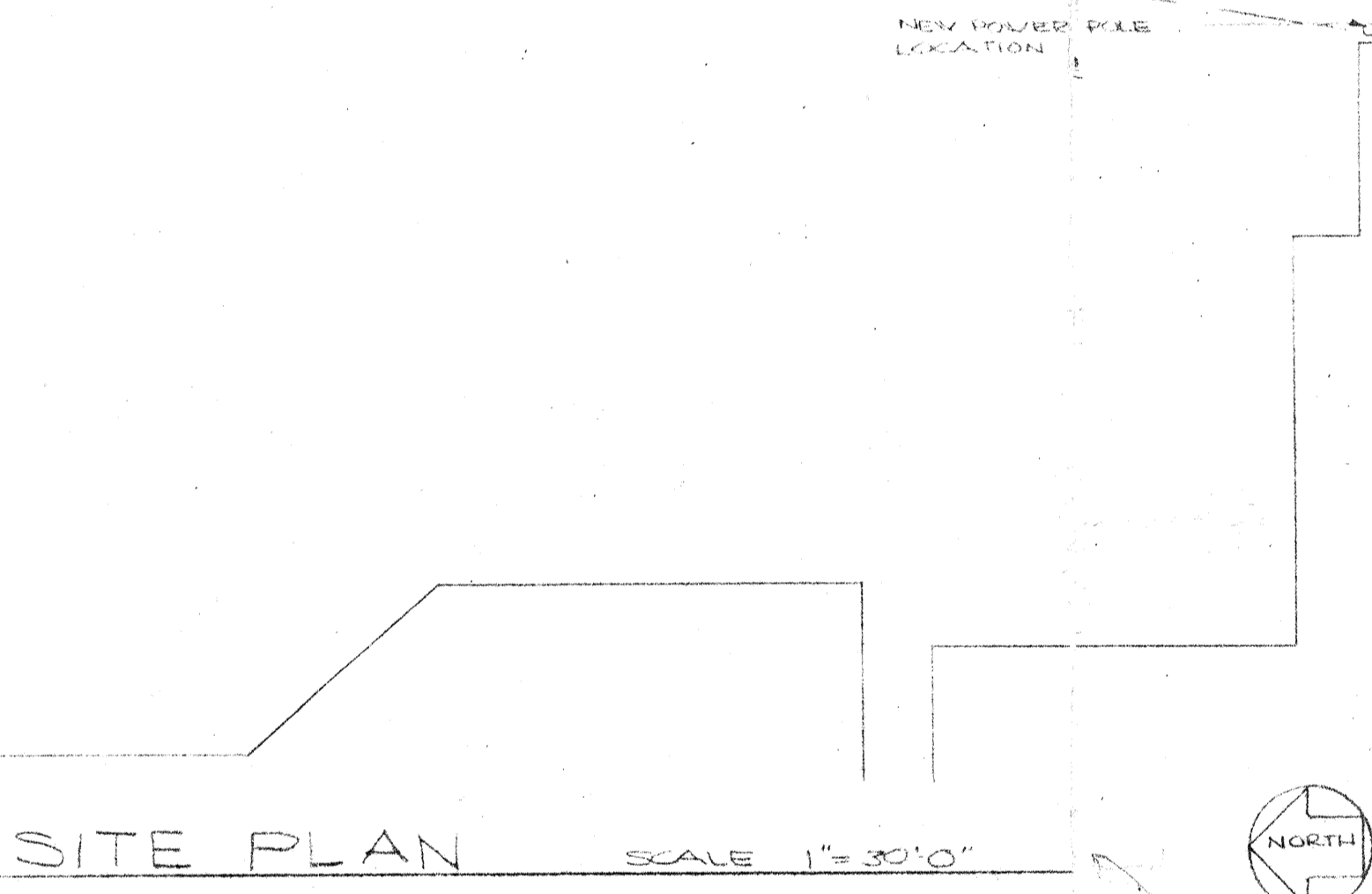
1 UNDER WATER LIGHT
SCALE 3/8"=1'-0"



2 MOUNTING OF LIGHT TYPE 'B' ON TRUSS
SCALE 3/8"=1'-0"



3 CONDUIT RUN DETAIL
SCALE 3/8"=1'-0"



4 PHOTO CELL DETAIL
NO SCALE

SITE PLAN SCALE 1"=30'-0"



AS-BUILT 5-18-67 LE/

SITE PLAN & DETAILS

SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY

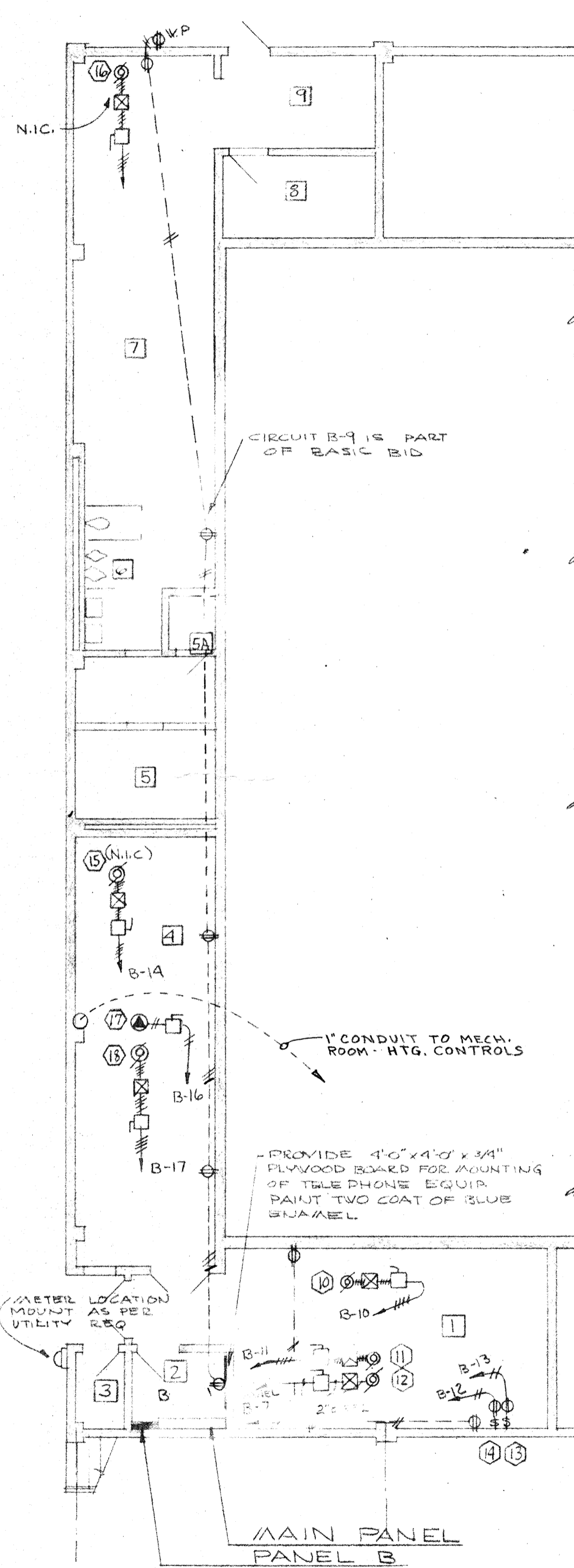
EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS

444 PITtock BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158

REGISTERED ARCHITECT DONALD R. EDWARDS PORTLAND, OREGON

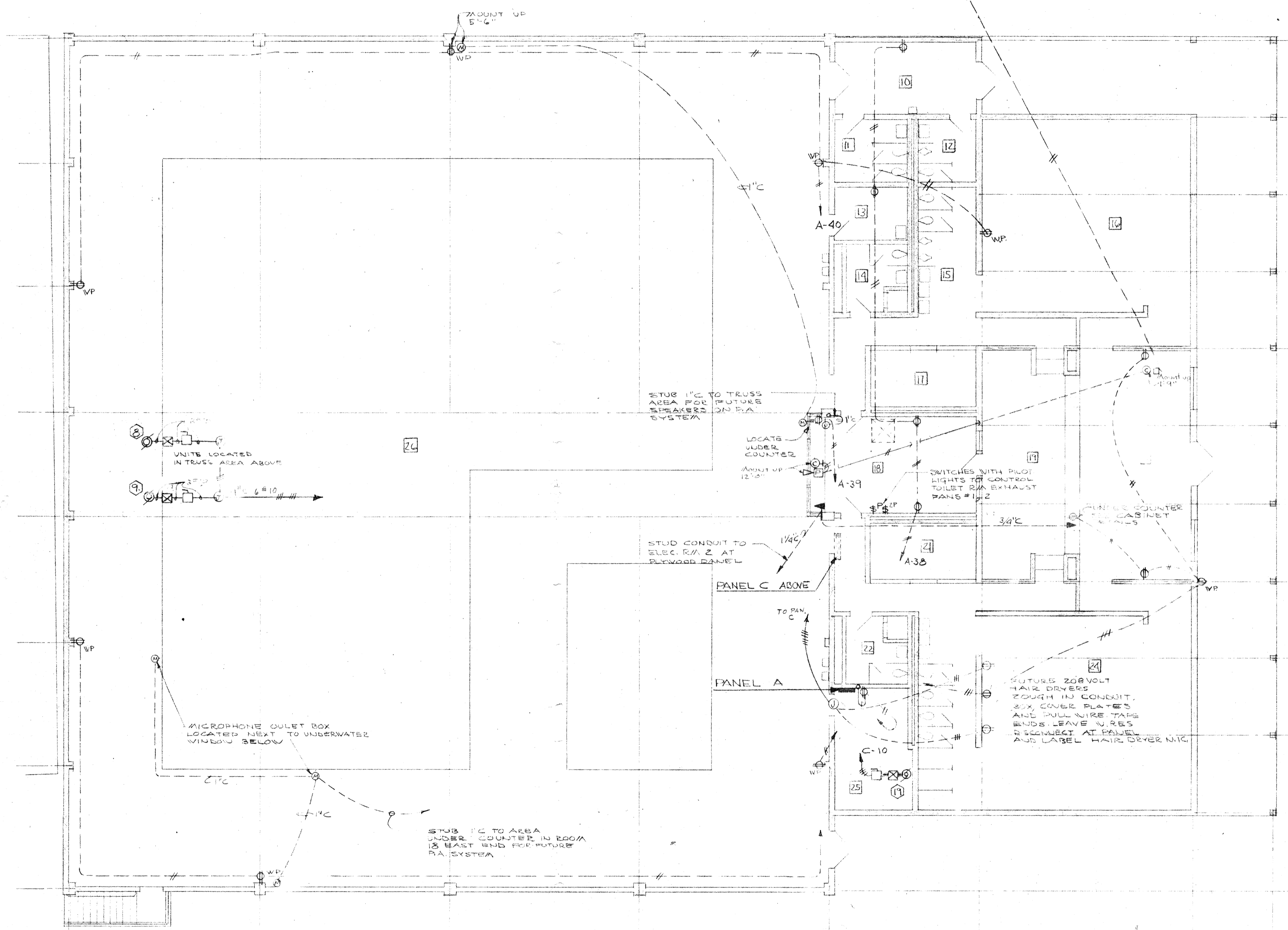
CHECKED DRAWING 301

DATE REVISIONS



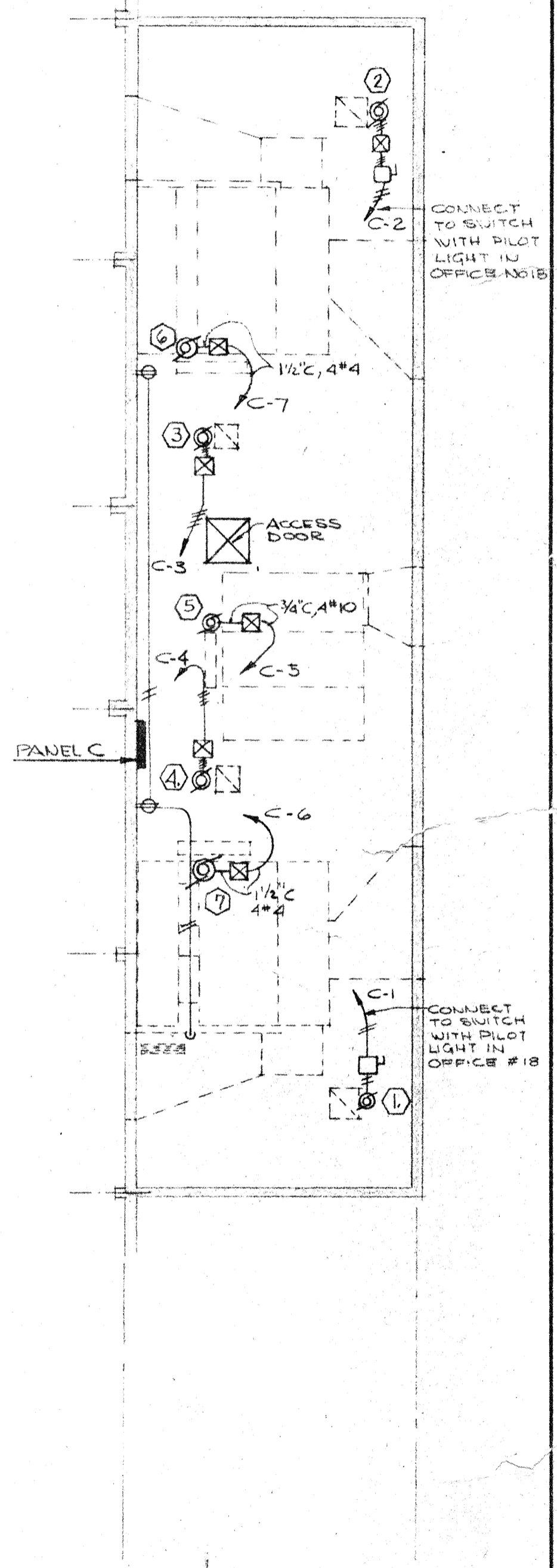
BASEMENT FL. PLAN - POWER

SCALE 1/8"=1'-0"



MAIN FLOOR PLAN - POWER

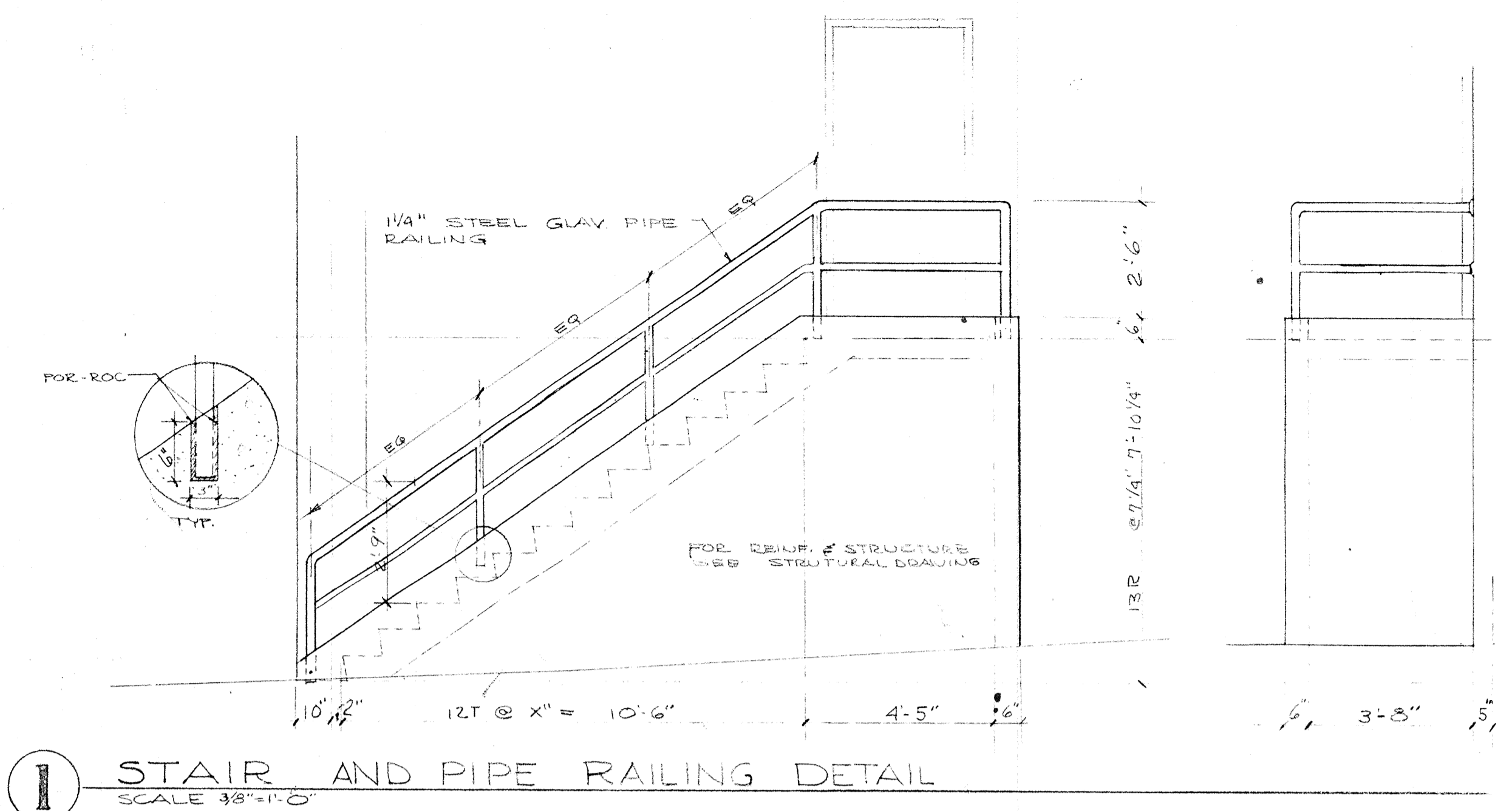
SCALE 1/8"=1'-0"



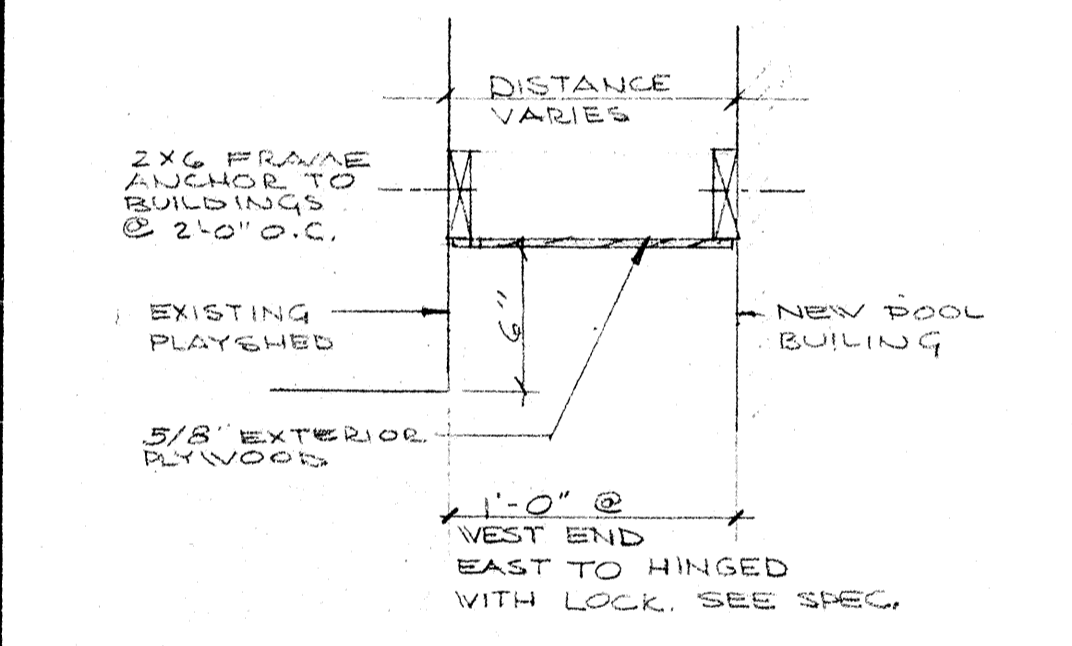
MECH PENTHOUSE

SCALE 1/8"=1'-0"

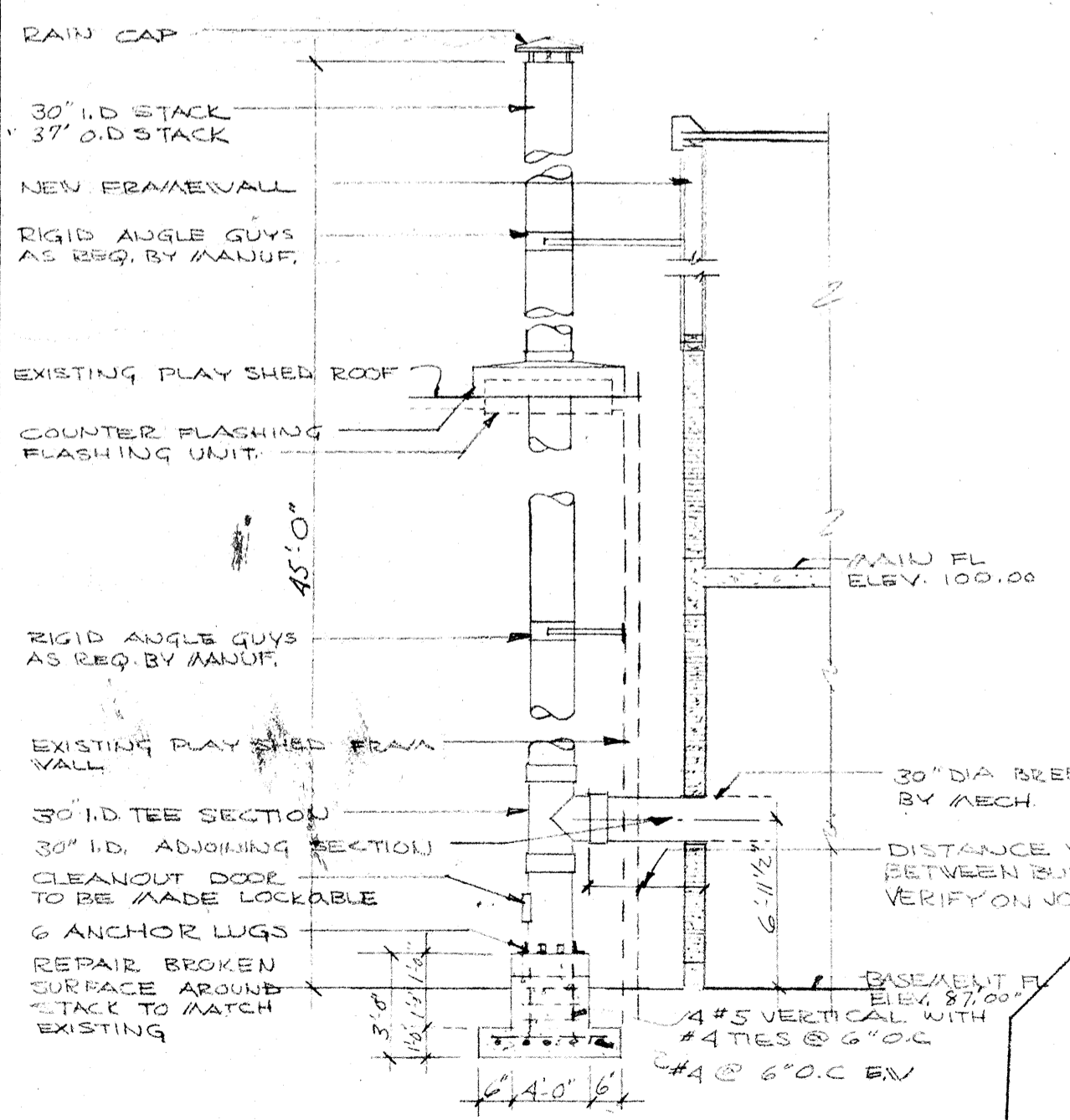
	DRAWN ASHTON CHECKED DRAWING 303	BASEMENT & MAIN FLOOR PLAN - POWER SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY
	DATE MARCH 21, 66 REVISIONS	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS 444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158



1 STAIR AND PIPE RAILING DETAIL
SCALE 3/8"=1'-0"

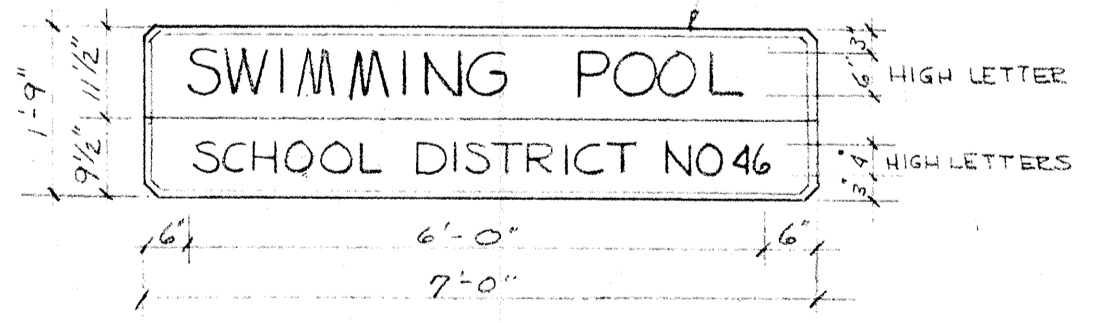


2 CLOSURE PANEL BETWEEN BUILD
SCALE 1/2"=1'-0"

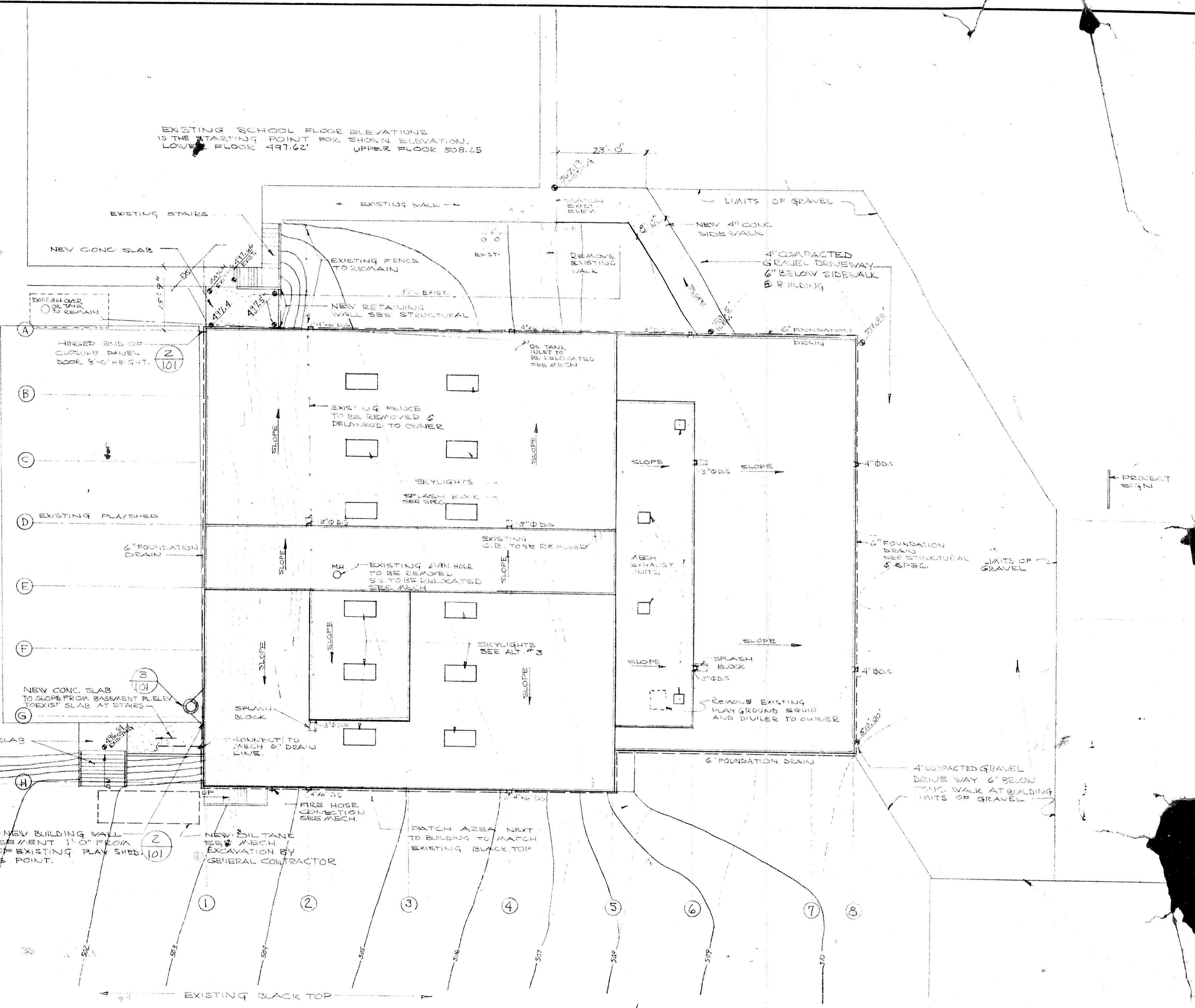


3 BOILER STACK DETAIL
NO SCALE

INCISED LETTERS IN 3x12
2x2 REDWOOD PLANKS
DOWEL PLANKS TOGETHER
2 1/2" O.C. WITH 3/4" x 10" DOWELS
PAINT INCISED LETTERS
WHITE ENAMEL
VERIFY TEXT WITH ARCHITECT
AND PROVIDE SHOP DRAWING
SHOWING LETTER SPACING.



4 BUILDING SIGN
3/4"=1'-0"



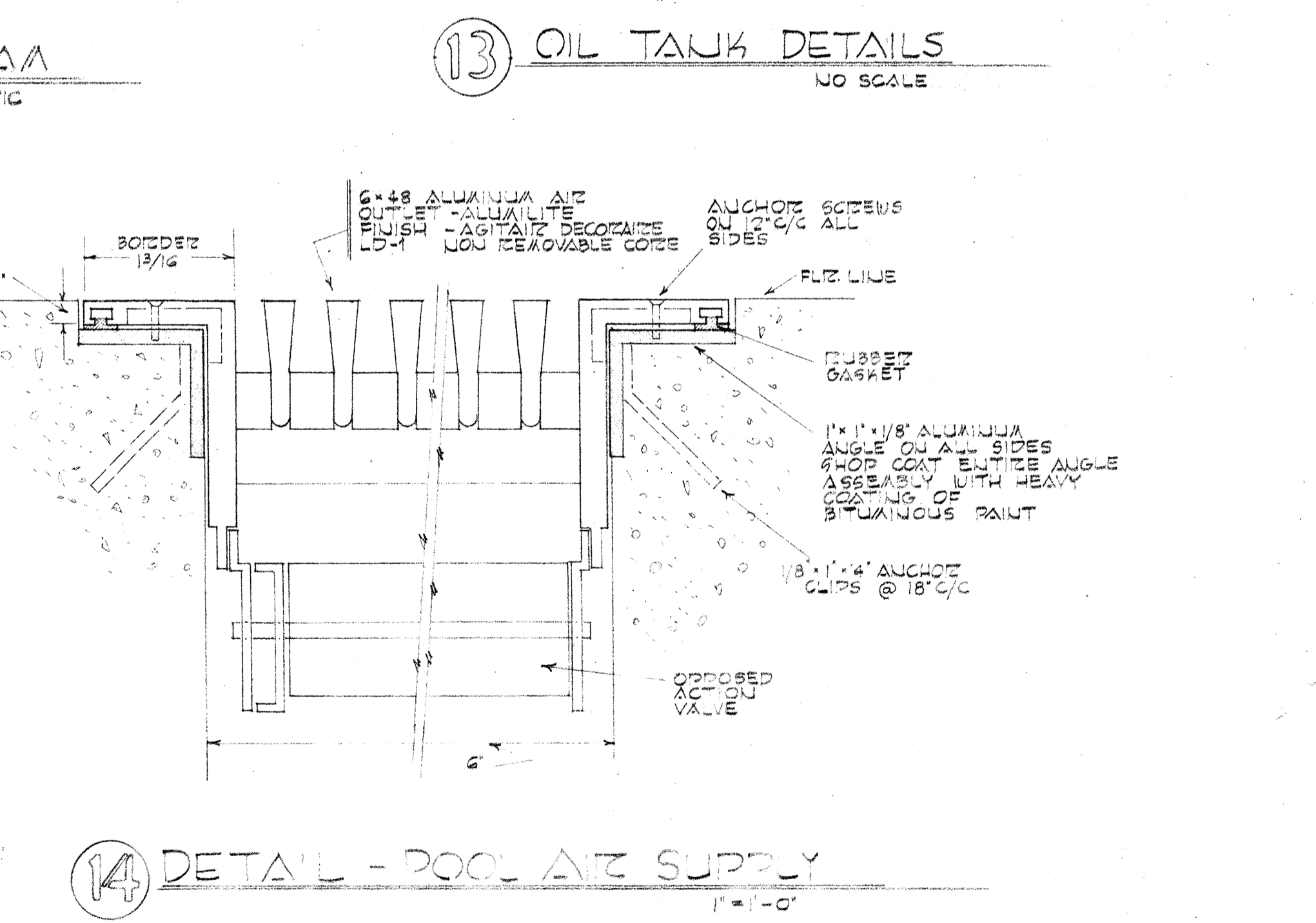
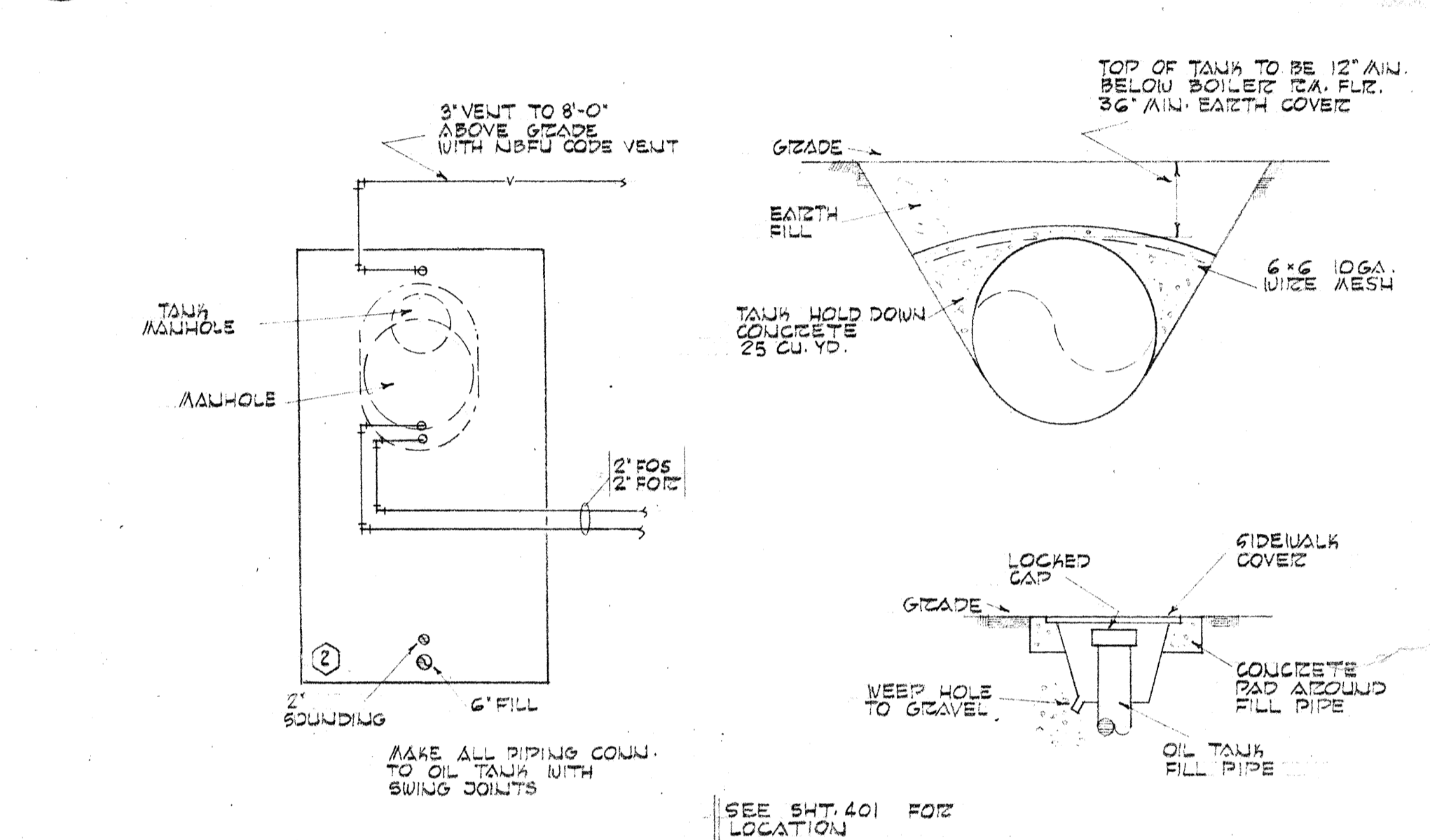
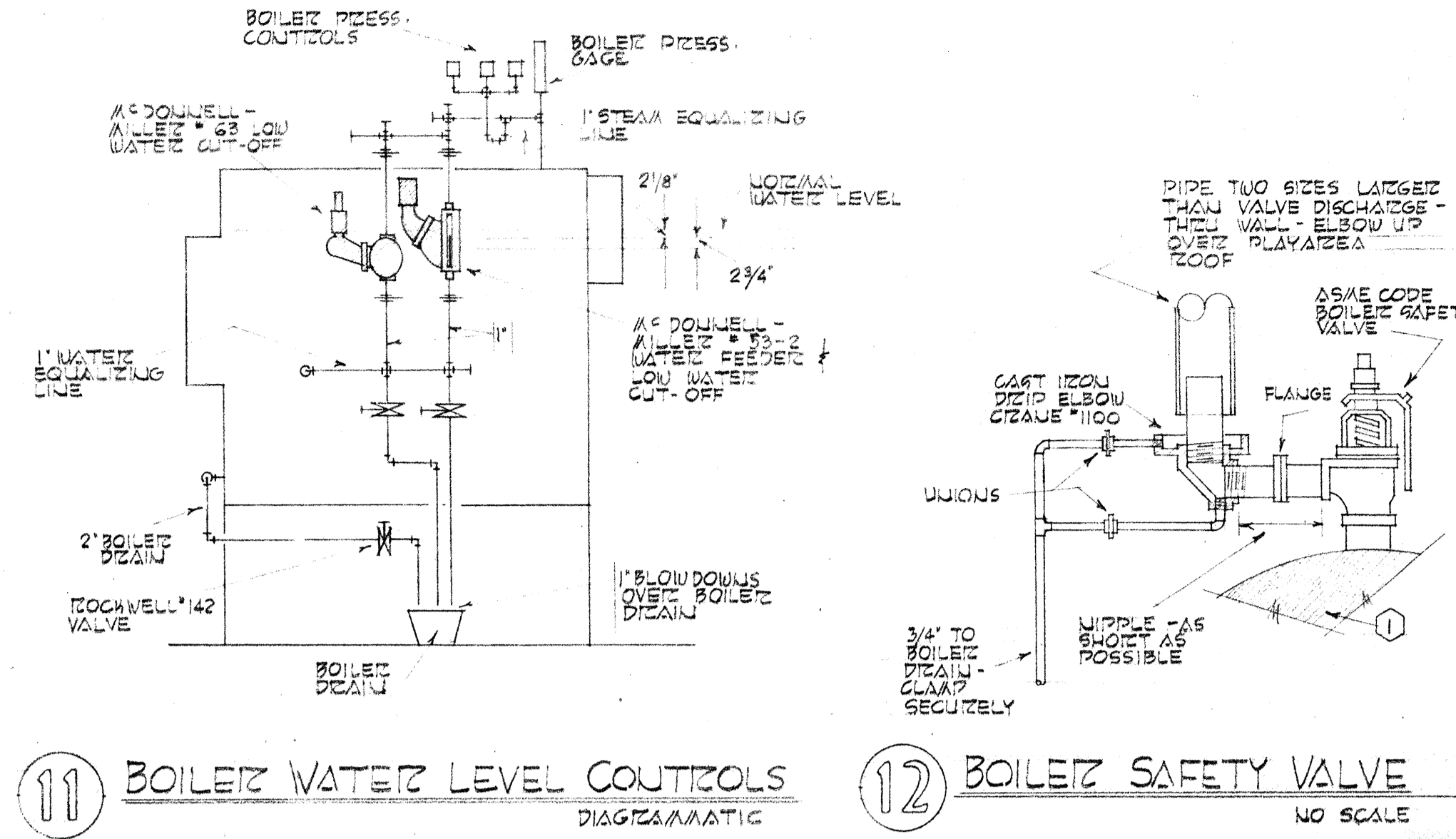
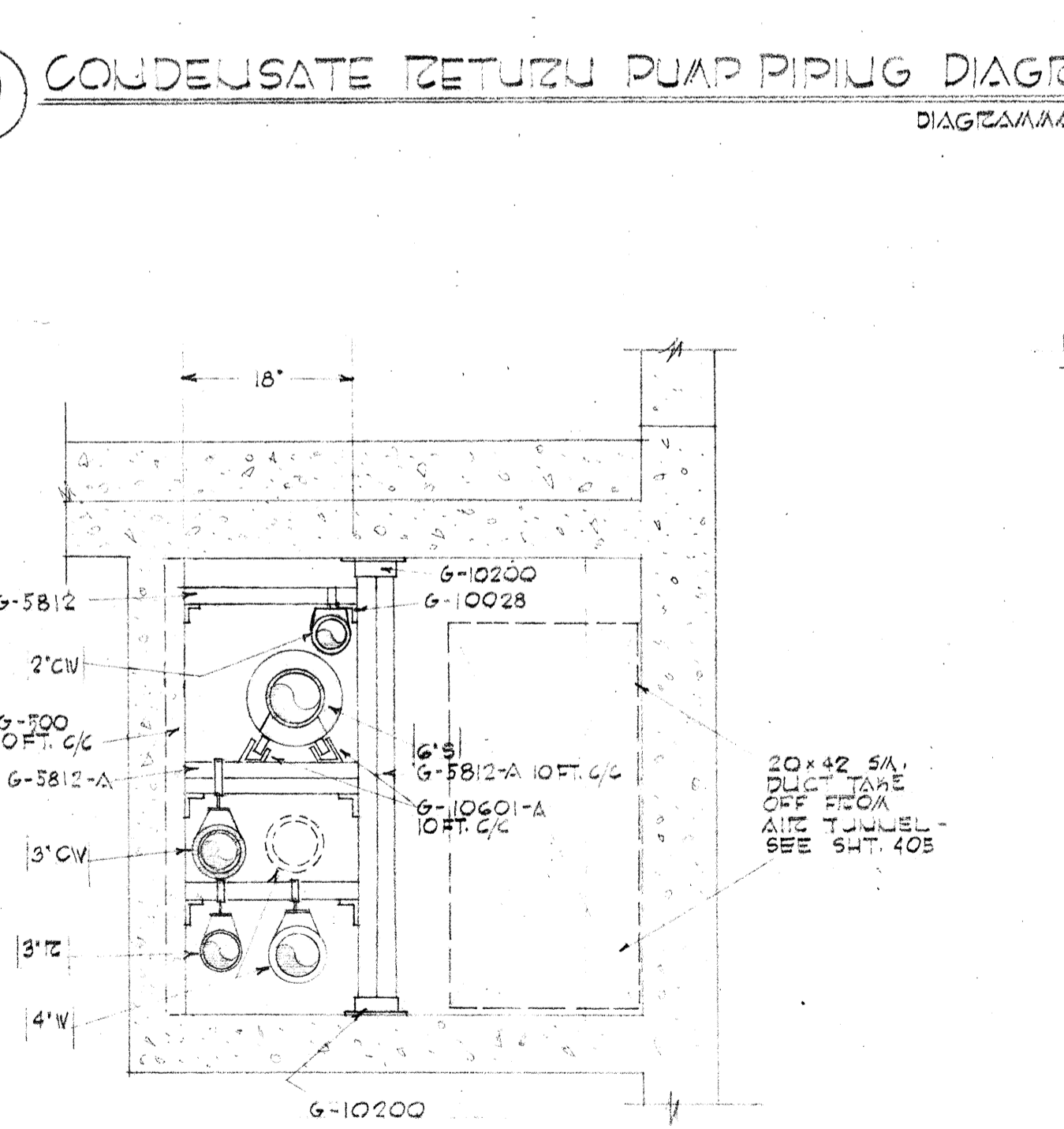
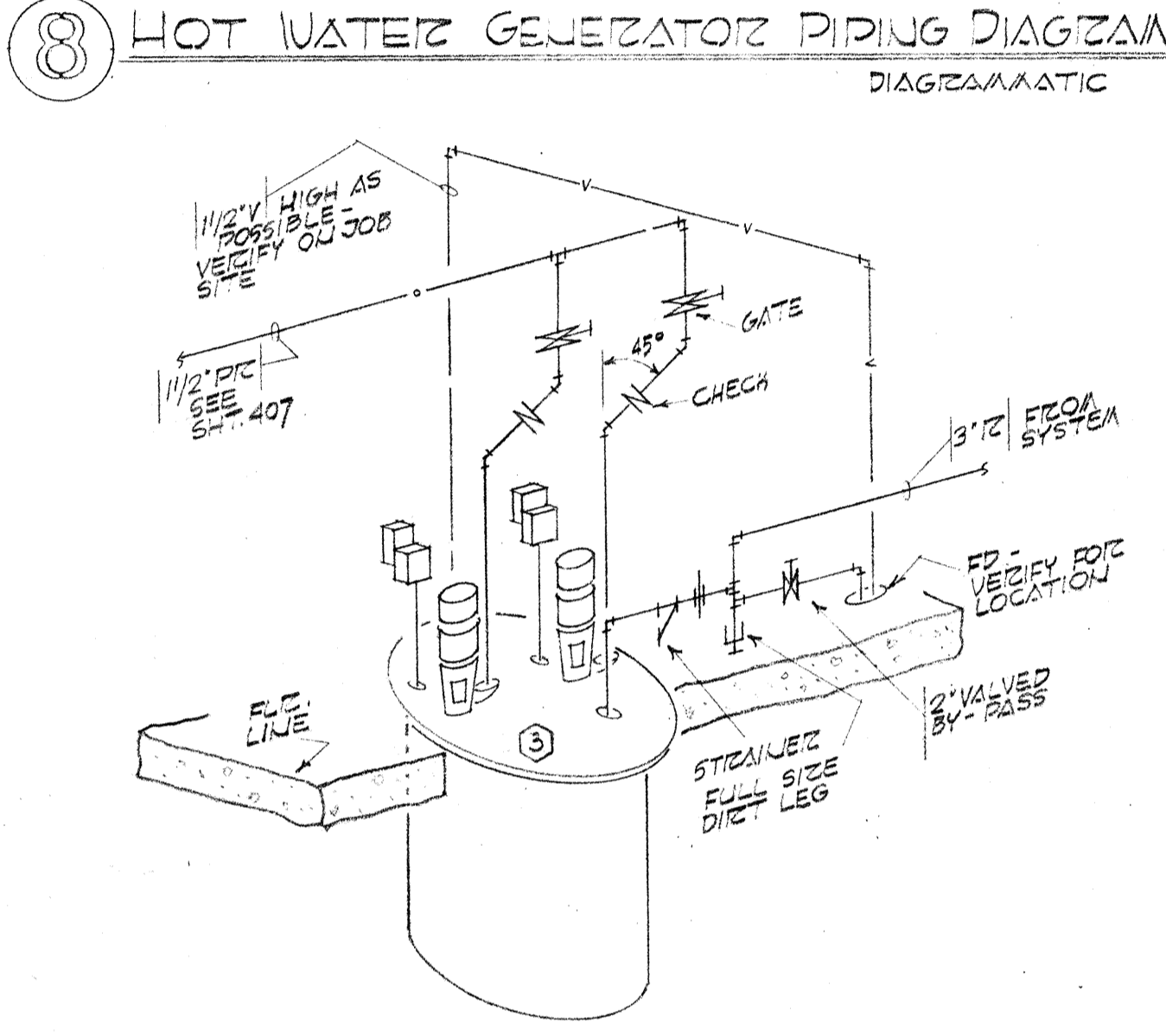
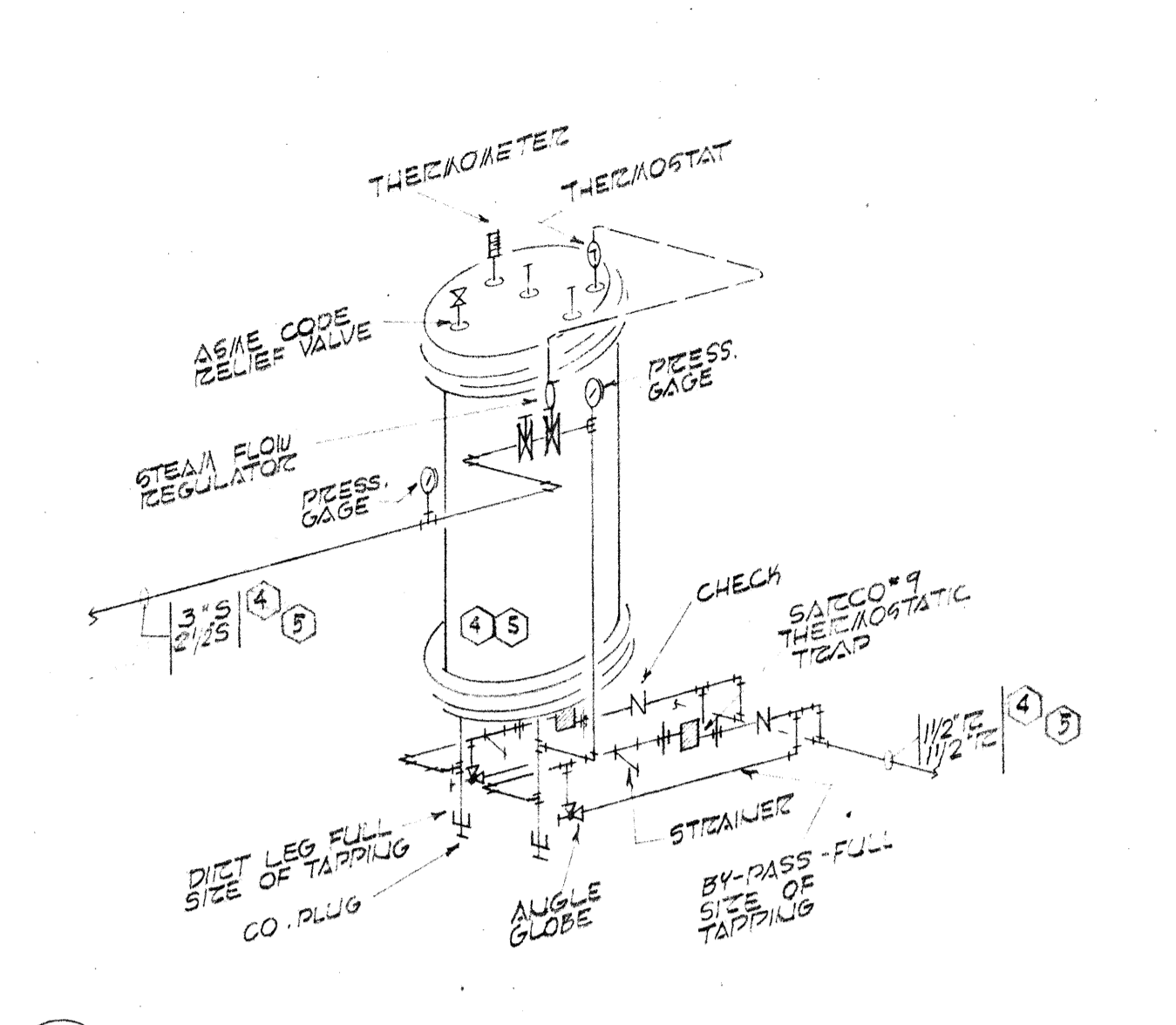
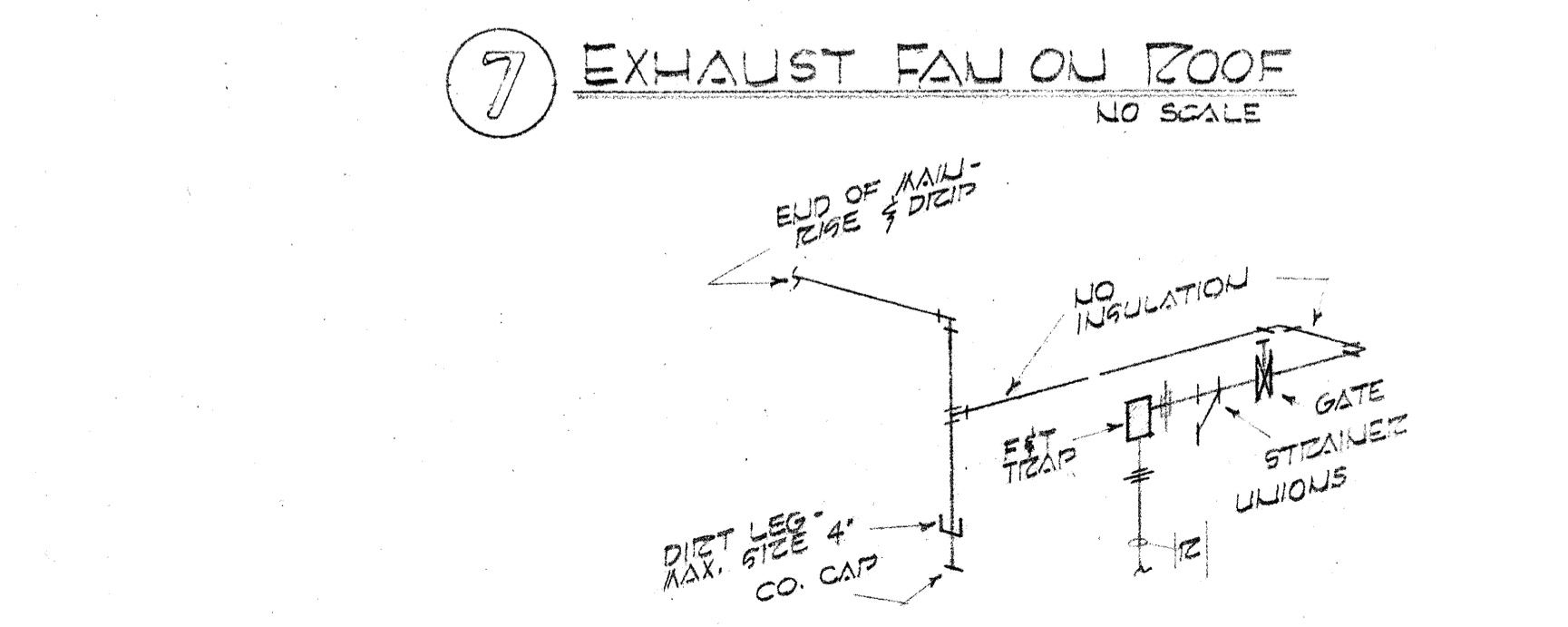
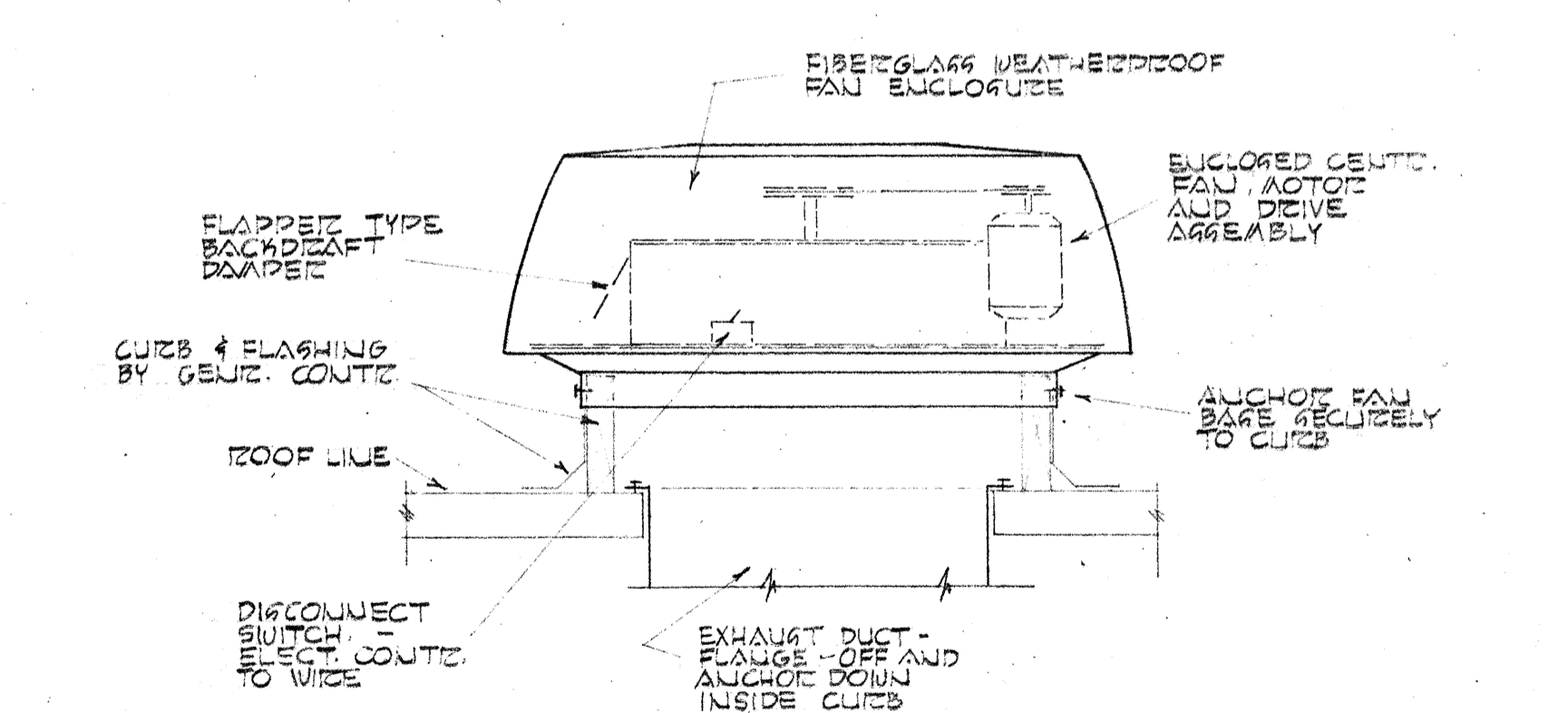
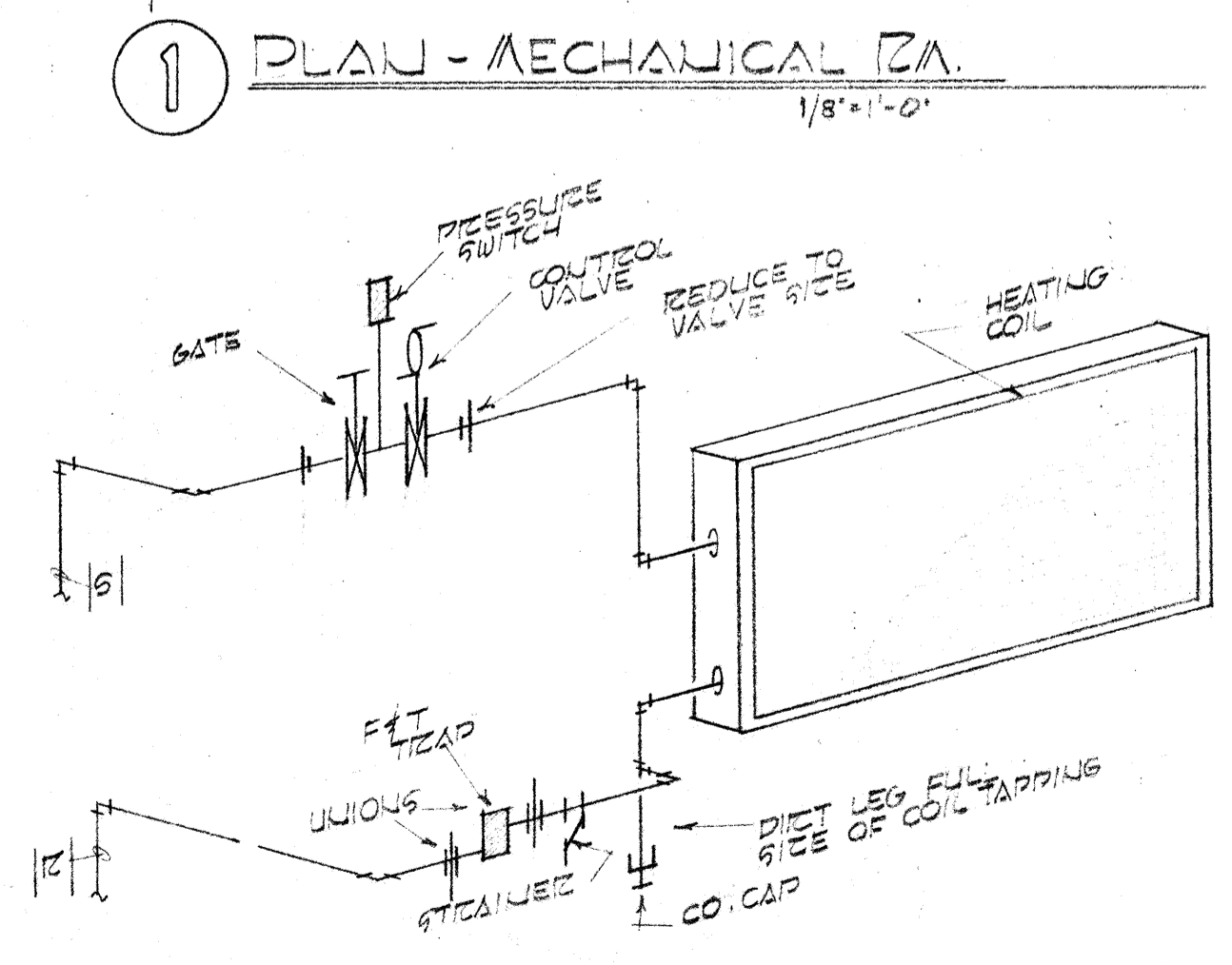
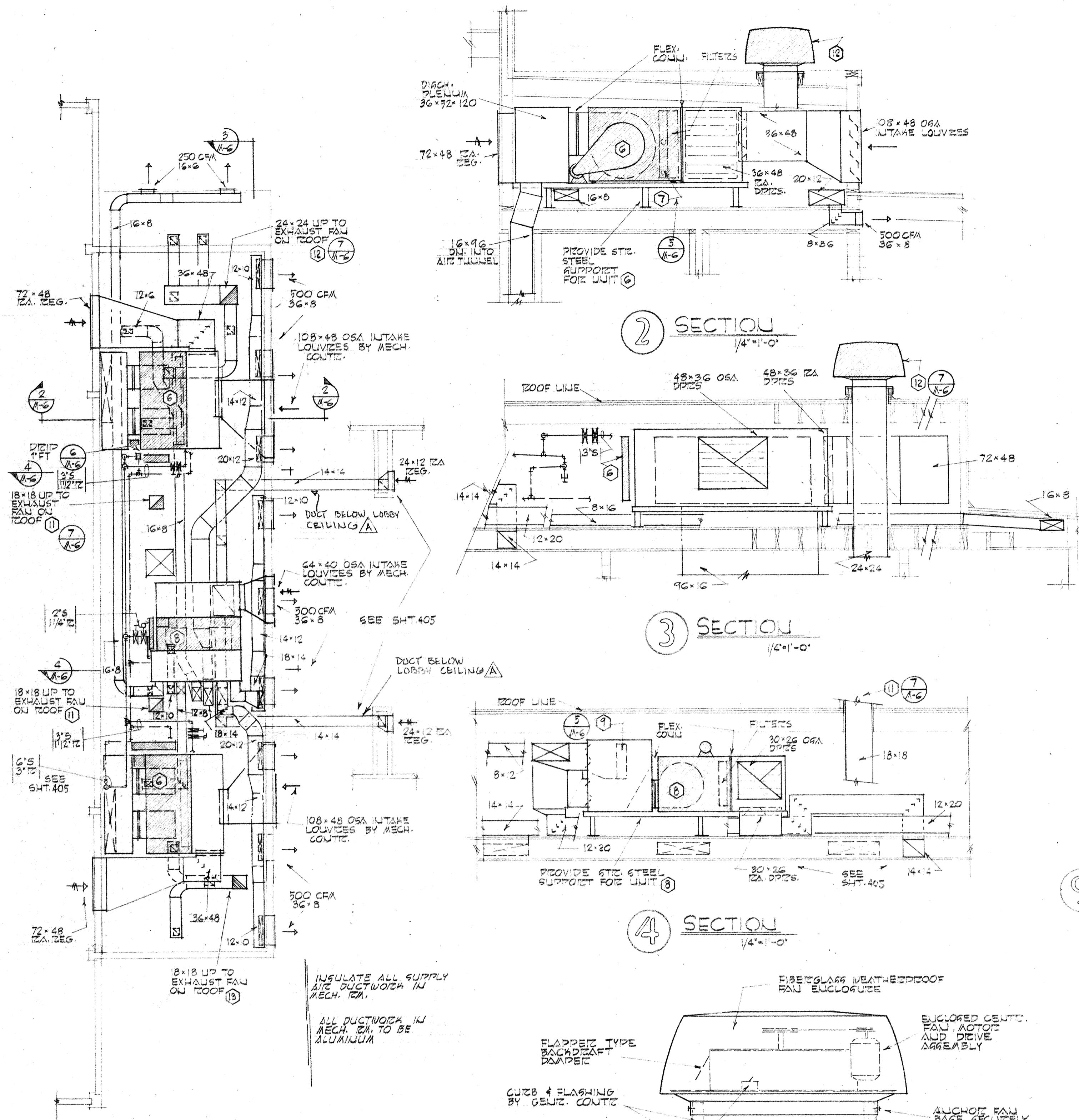
SITE PLAN
1/16"=1'-0"
ELEVATIONS ON SITE PLAN = 100'-0" ON
ALL ARCHITECTURAL DRAWING

NOTE: POOL BUILDING TO BE
PARALLEL WITH EXISTING SCHOOL
EXISTING CONTOURS TO REMAIN
NEW CONTOURS TO BE ALTERED
SEE MECH FOR FOUNDATION DRAINS
UNDER POOL DRAINS

17

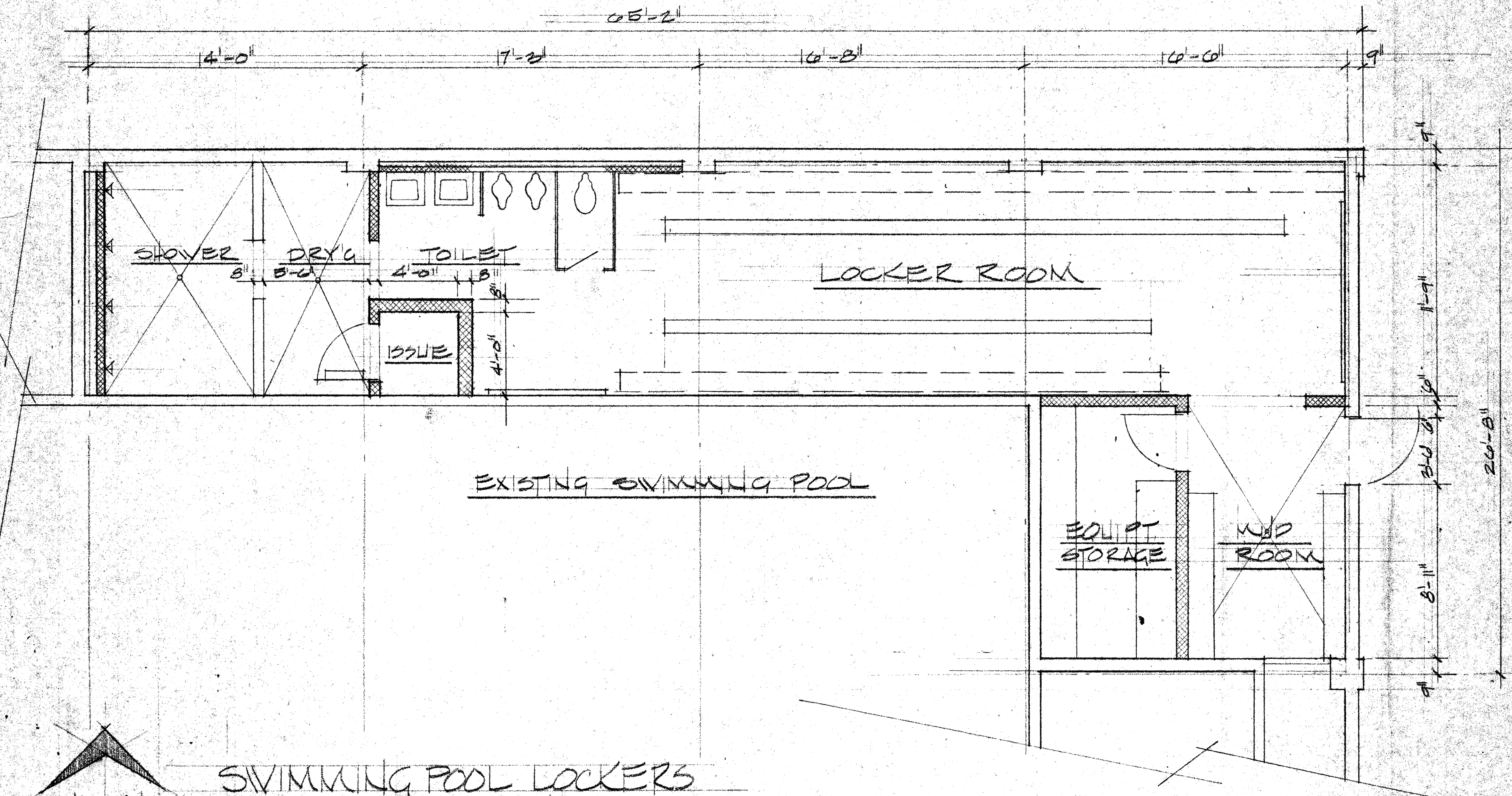
REGISTERED ARCHITECT
David W. Edmundson
ARCHITECTS

SITE PLAN
SWIMMING POOL
SANDY OREGON
SCHOOL DISTRICT NO. 46, CLATSOP COUNTY
EDMUNDSON KOCHENDOERFER KENNEDY & TR
ARCHITECTS
4 PITTOCK BLOCK
PORTLAND, OREGON 97201
TELEPHONE



4-25-67 AS BUILT REVISIONS

	DRAWN BY	MECHANICAL DETAILS
	CHECKED BY	SVANING POOL FOR SANDY OREGON
	DRAWING	SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY
	DATE	MARCH 21, 66
	REVISIONS	
		EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS
		444 PITTOCK BLOCK PORTLAND, OREGON 97205
		TELEPHONE 227-1158



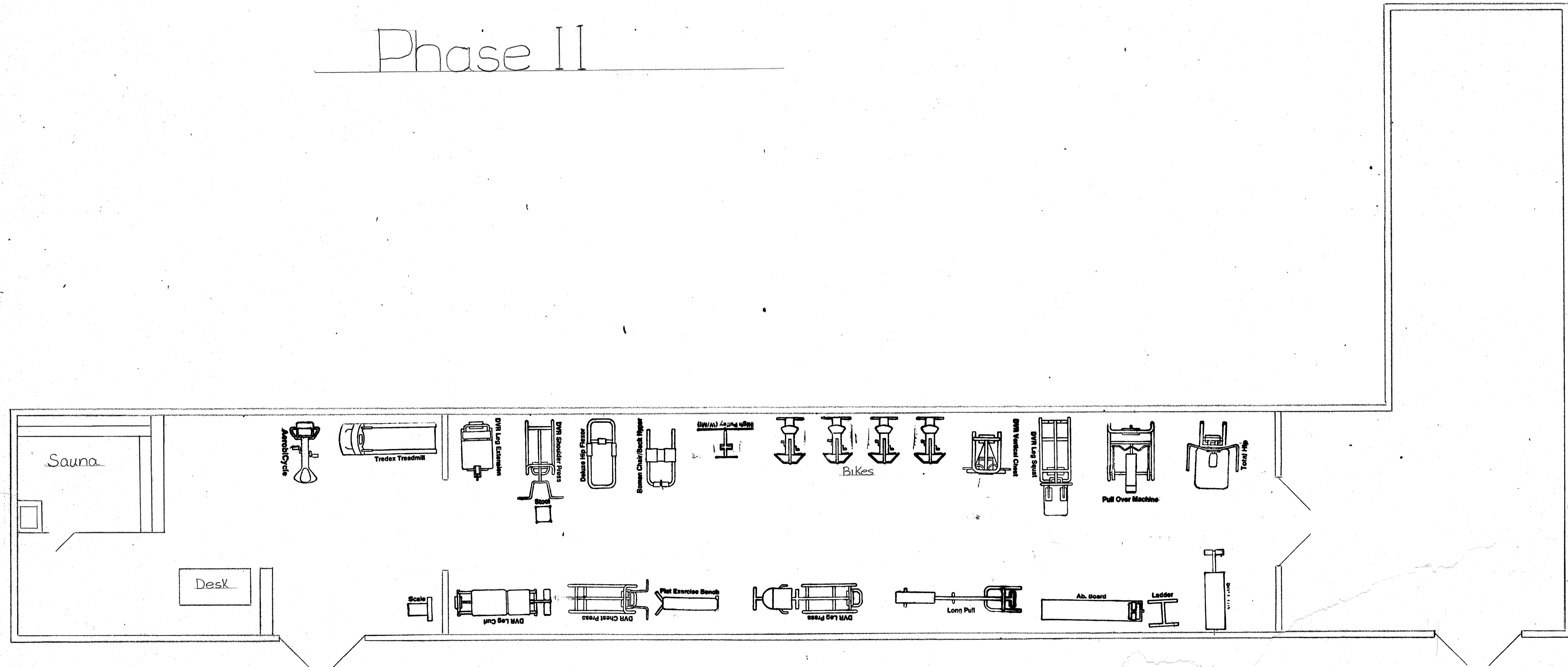
SWIMMING POOL LOCKERS

SCALE 1/4" = 1'-0"

SANDY SCHOOL DISTRICT #40

ESTIMATE AUG 10 71

Phase II



Sandy Elementary School District 39055 PLEASANT Rd. SANDY, OREGON		
SCALE: 1/4" = 1'-0"	AQUATICS CENTER	DRAWN BY: <i>DNB</i>
DATE: 7 NOV 88		Dennis Brown
EXERCISE EQUIPMENT LAYOUT		
NORTHWEST FITNESS SUPPLY	Drawing Number	2 of 3

$$10 \times 17 = 170$$

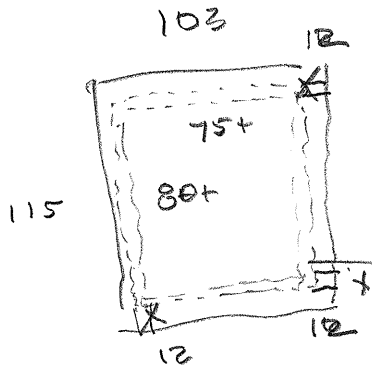
$$23.5 \times 21.5 = 505$$

$$675 \text{ sq ft} \Rightarrow 648 \text{ sq in}$$

$$\frac{(\text{sq ft} \times .96)}{144} = \text{sq in}$$

$$22.5 \times 44 = 990 \times (144 \div 306) = 475.2$$

$$(\text{sq ft} \times .48)$$



$$103 \times 115 = 12,420$$

$$12,420 - 1134 \text{ aisles} = 11,286 \text{ sq ft} \times 50/\text{person} = 226$$

42" (3.5) x L clear walk area (44" min.)

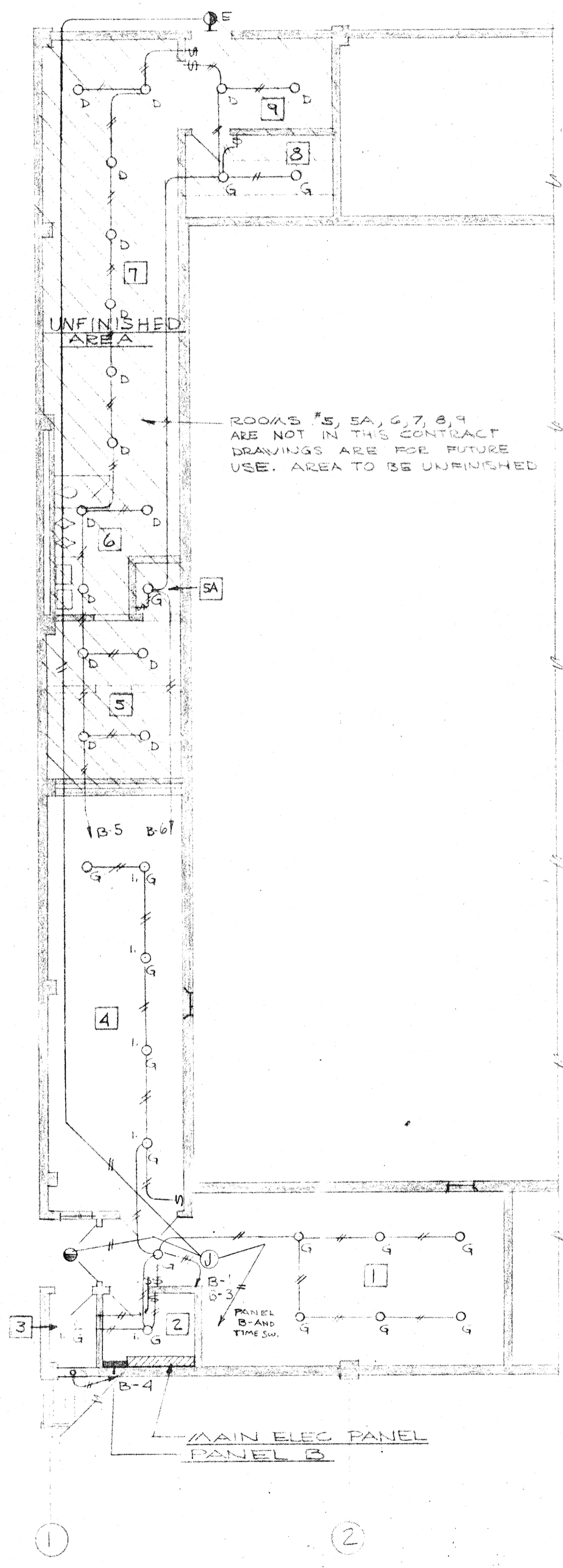
$$[(75 \times 2)] + [(80 + 7) \times 2]$$

$$(150 + 174) \times 3.5 \text{ aisle width} = 1134 \text{ sq ft}$$

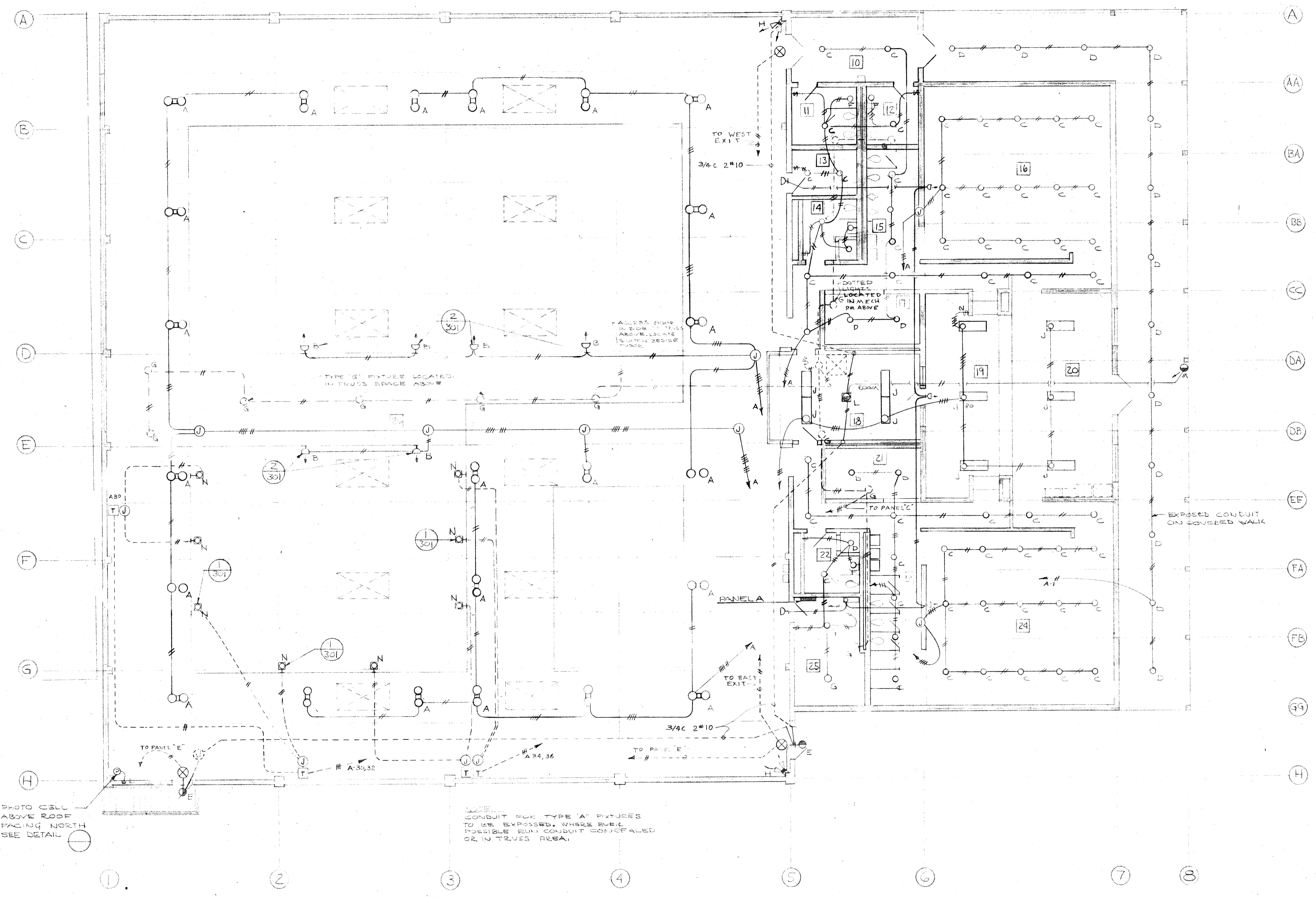
$$324 \times 3.66$$

$$36 \times 3.66 = 1317.6 \Rightarrow 1320 \text{ sq ft}$$

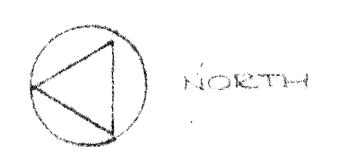
$$12,420 - 1320 \text{ sq ft} = 11,100 \div 50 = 222 \text{ person}$$



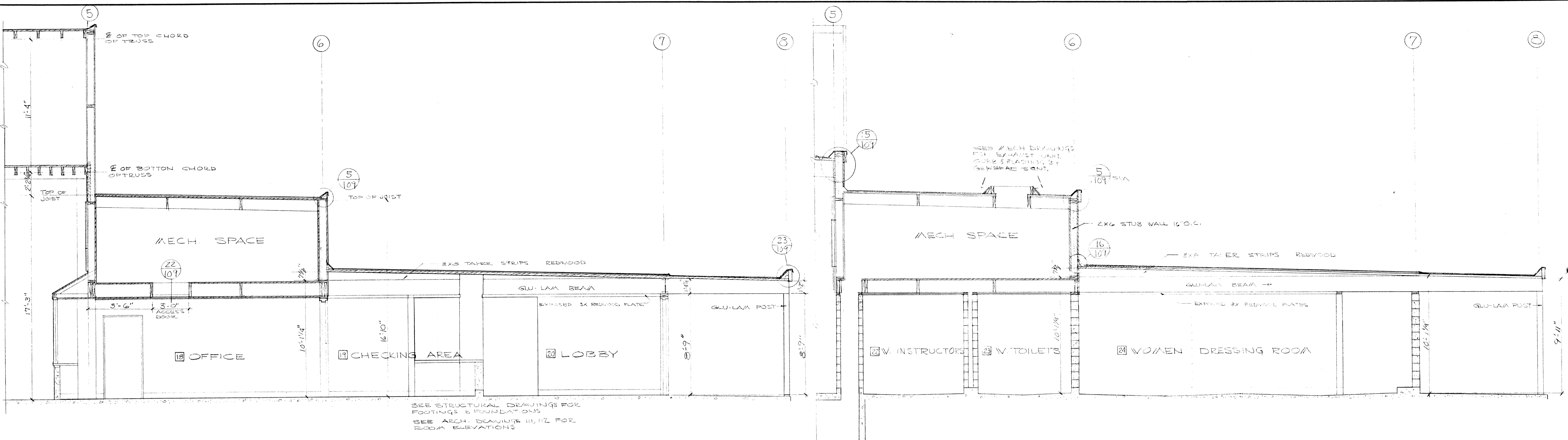
BASEMENT FLOOR PLAN-LIGHTING
SCALE 1/8"=1'-0"



MAIN FLOOR PLAN - LIGHTING
SCALE 1/8"=1'-0"

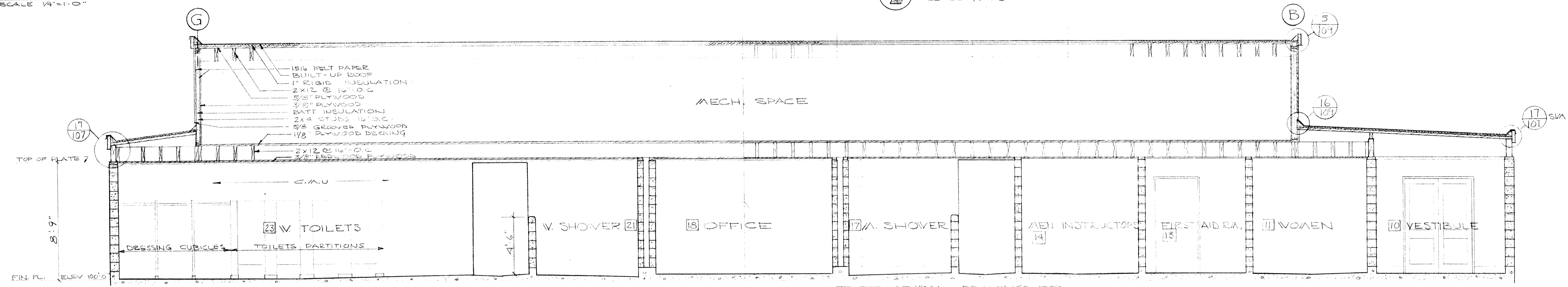


	DRAWN ASHTON CHECKED 302	AS-BUILT 5-18-67 LE/ BASEMENT & MAIN FLOOR PLAN LIGHTING SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY
	DATE REVISIONS	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS - ENGINEERS 444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158



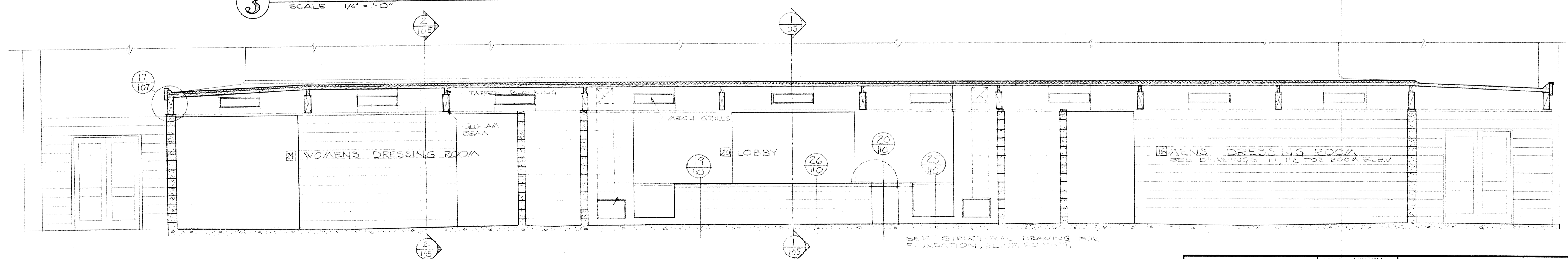
1 BUILDING SECTION
SCALE 1/4" = 1'-0"

2 BUILDING SECTION
SCALE 1/4" = 1'-0"



3 BUILDING SECTION
SCALE 1/4" = 1'-0"

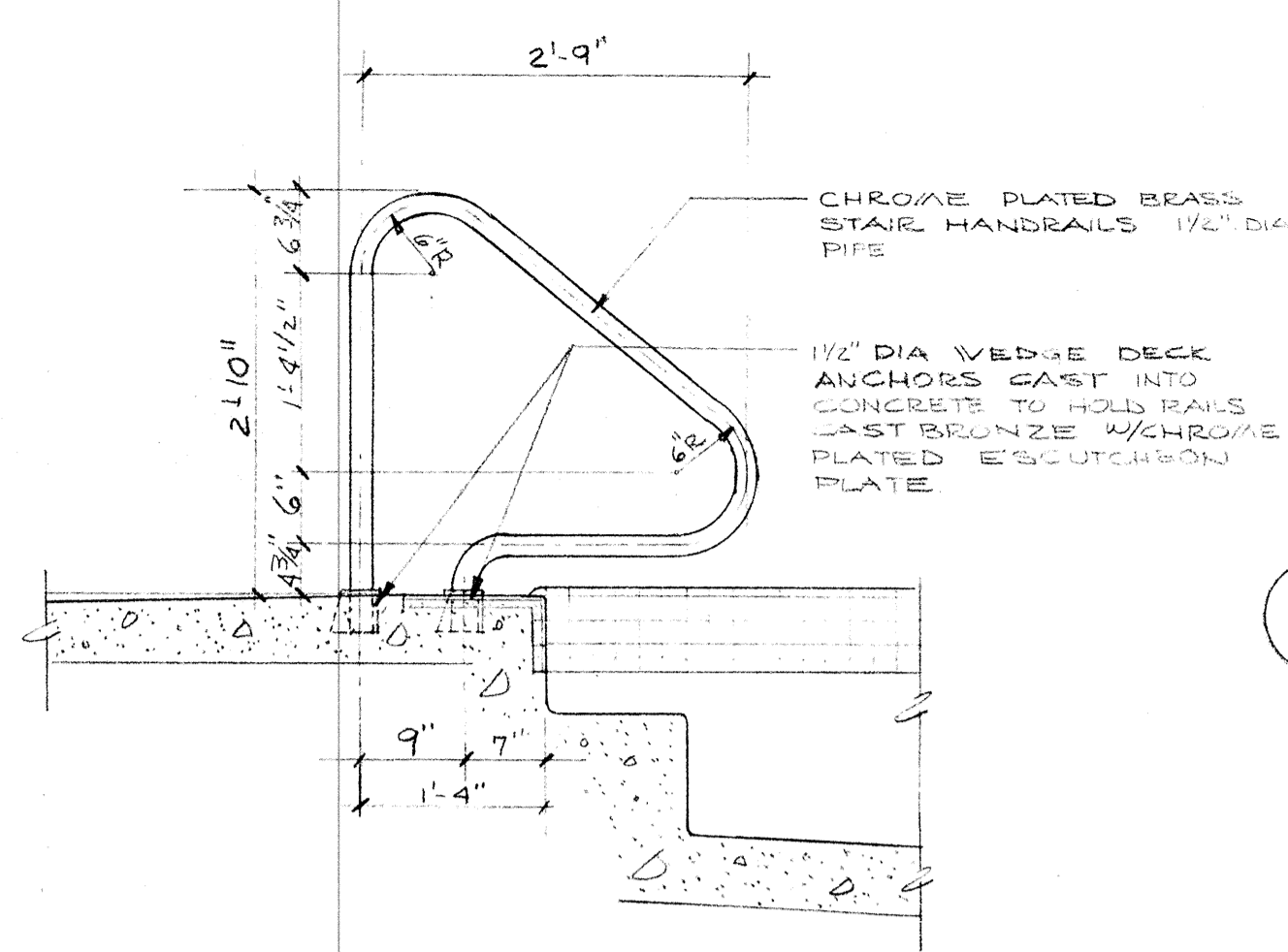
SEE STRUCTURAL DRAWINGS FOR FOOTINGS & FOUNDATIONS
SEE ARCH. DRAWINGS 11, 12 FOR ROOM ELEVATIONS



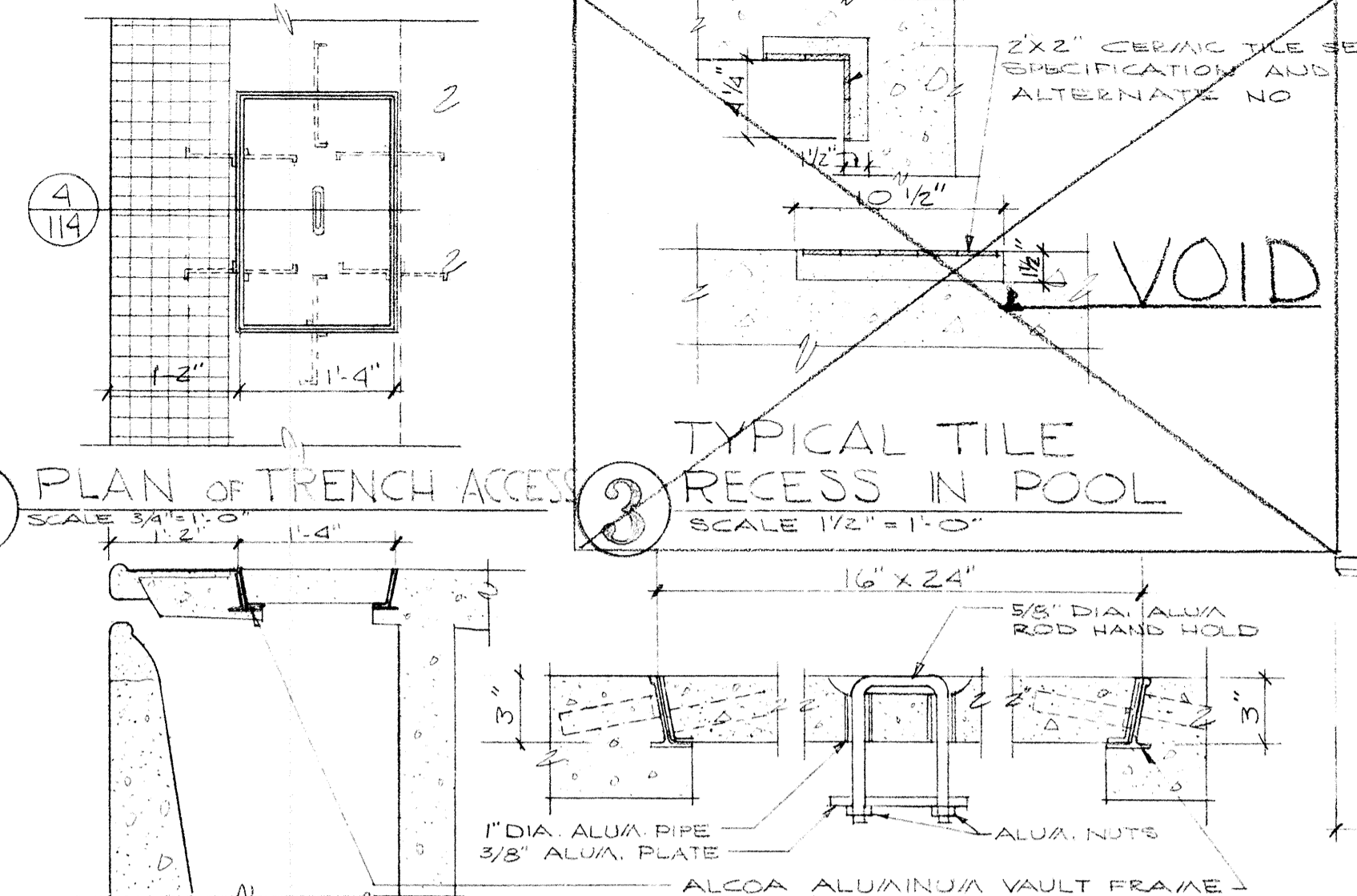
4 BUILDING SECTION
SCALE 1/4" = 1'-0"

SEE STRUCTURAL DRAWING FOR FOUNDATION, BUILT-UP ROOFING

	DRAWN ASHTON	BUILDING SECTIONS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO. 46 CLATSOP COUNTY
	CHECKED	
	105	
	DATE MARCH 21, 64 REVISIONS	
EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS 444 FITTICK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158		

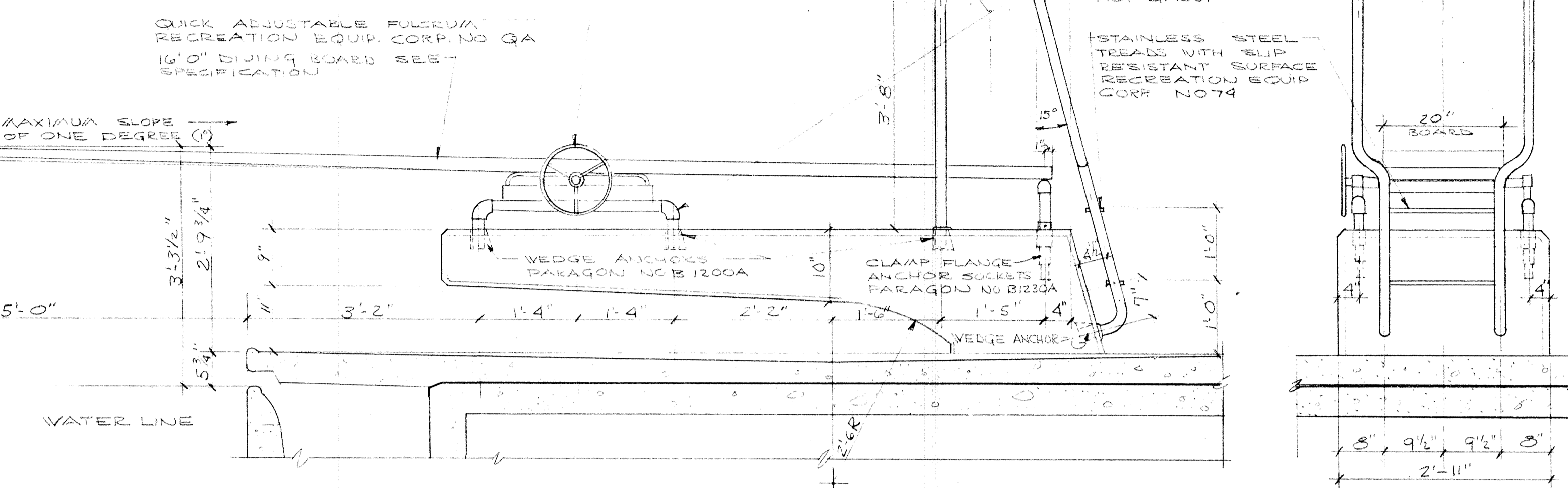


1 HANDRAIL @ SHALLOW POOL
SCALE 3/4"=1'-0"

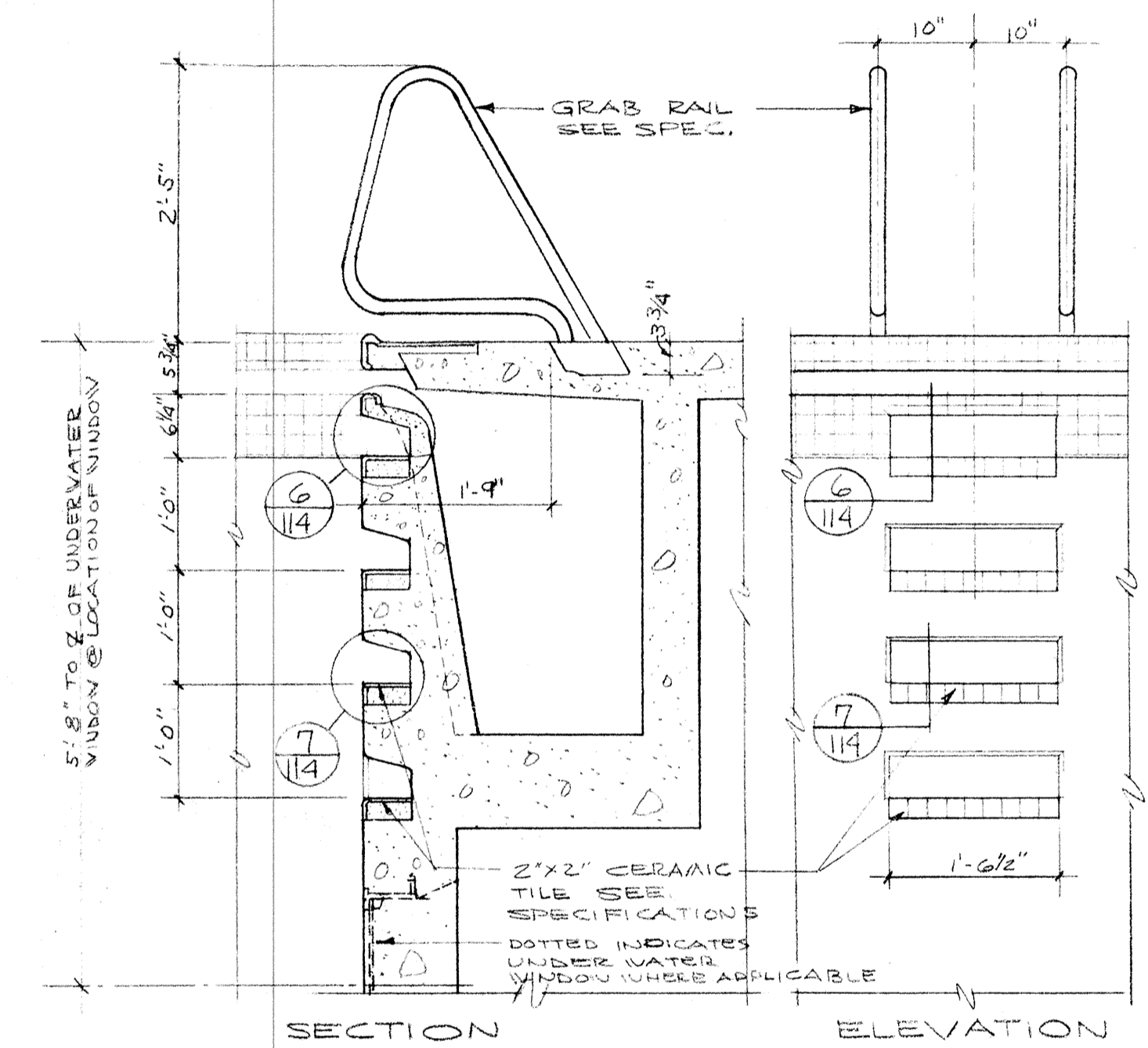


2 PLAN OF TRENCH ACCESS SCALE 3/4"=1'-0"
3 TYPICAL TILE RECESS IN POOL SCALE 1/2"=1'-0"

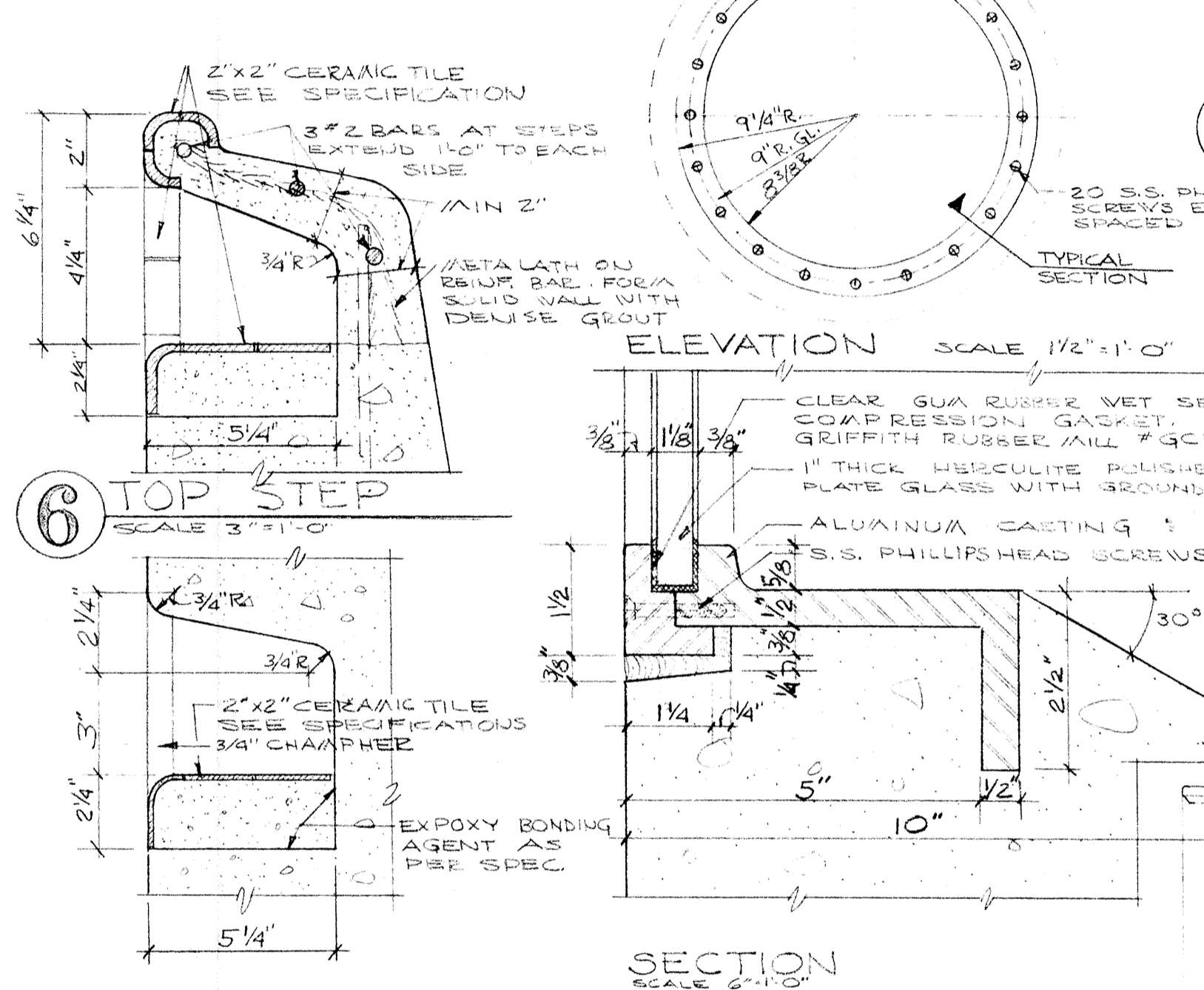
4 TRENCH ACCESS SCALE 3/4"=1'-0"



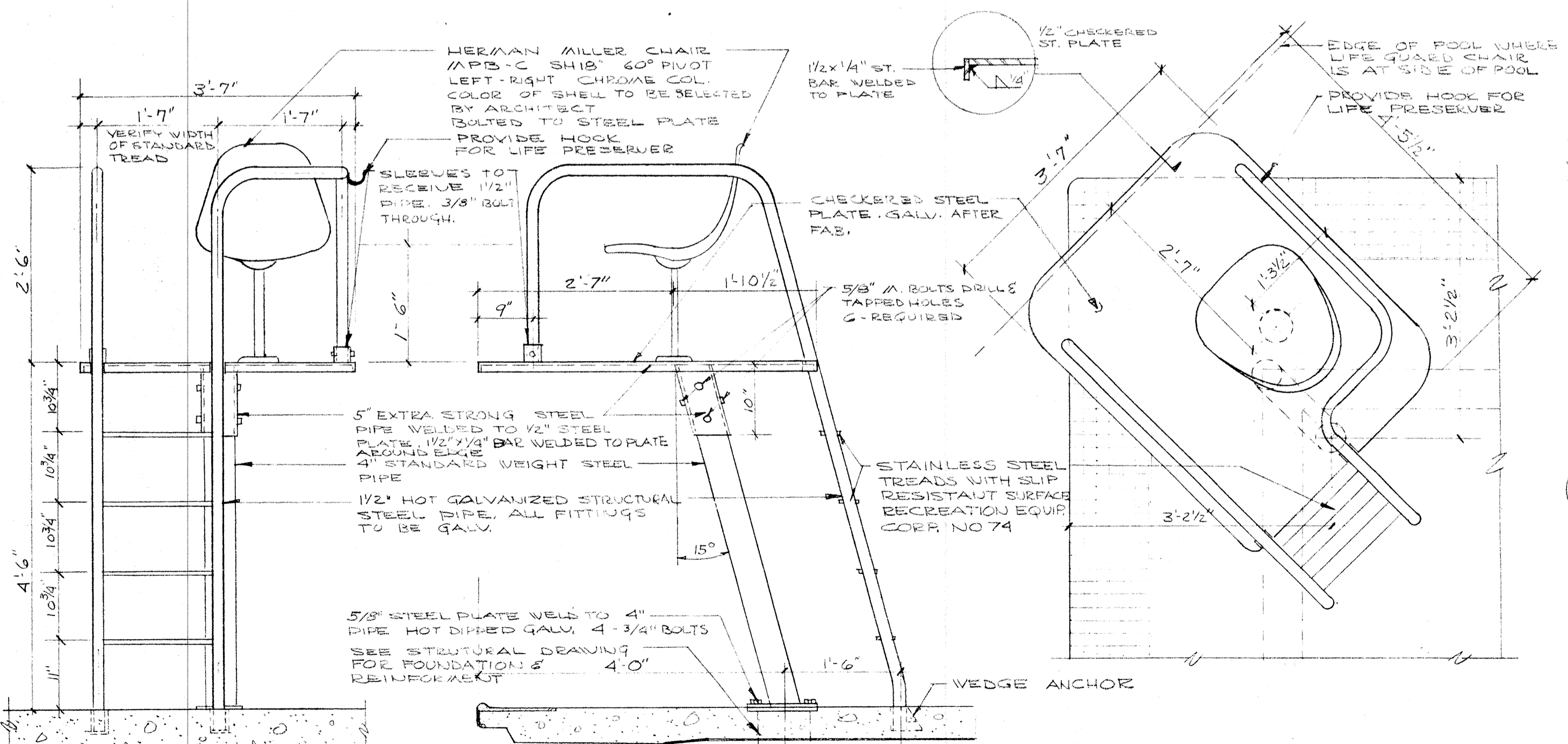
13 ONE METER DIVING BOARD
SCALE 3/4"=1'-0"



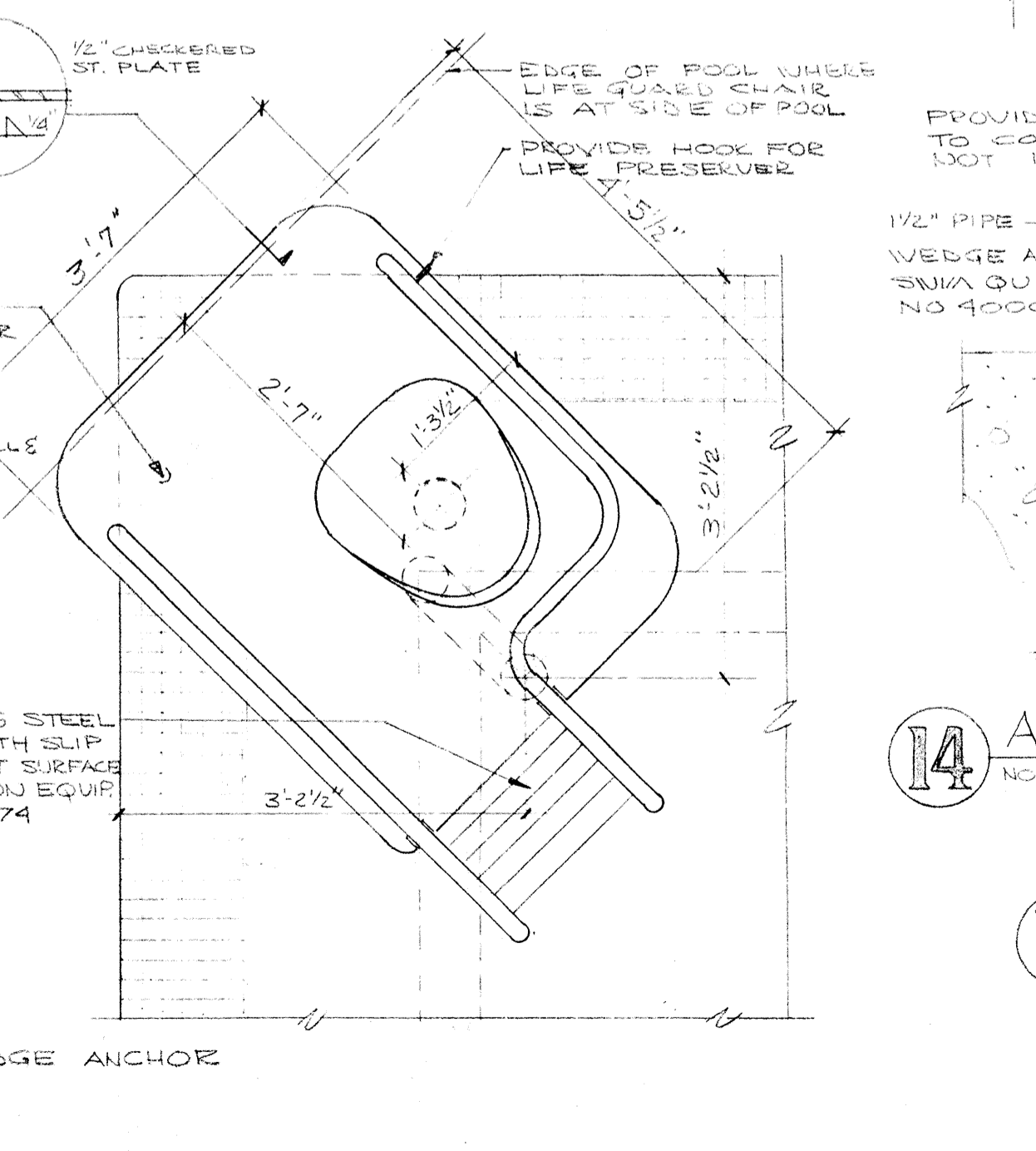
5 STEP & GRAB RAIL DETAIL
SCALE 3/4"=1'-0"



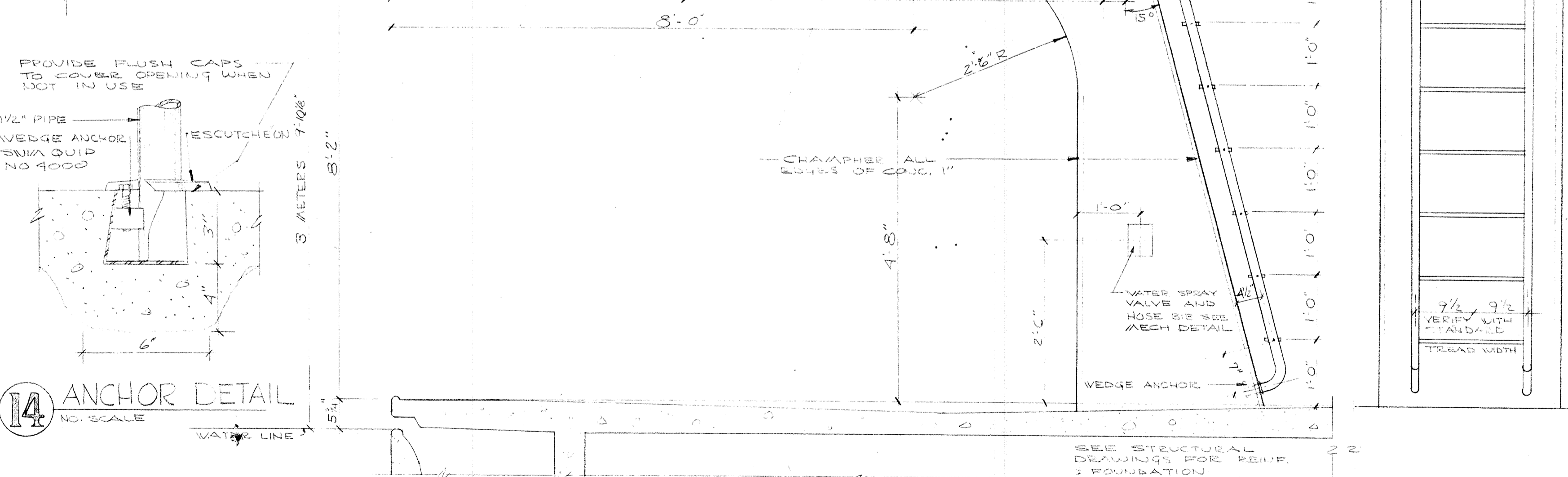
6 TOP STEP SCALE 3/4"=1'-0"
7 TYPICAL STEP SCALE 3/4"=1'-0"
8 UNDER WATER WINDOW SCALE AS NOTED



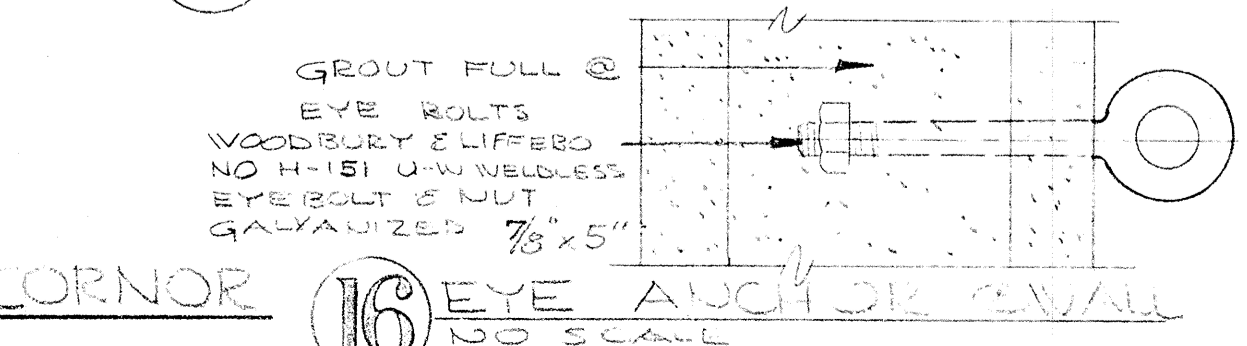
9 BACK ELEVATION SCALE 3/4"=1'-0"
10 SIDE ELEV. @ POOL EDGE SCALE 3/4"=1'-0"



10 PLAN - LIFE GUARD CHAIR @ CORNER SCALE 3/4"=1'-0"

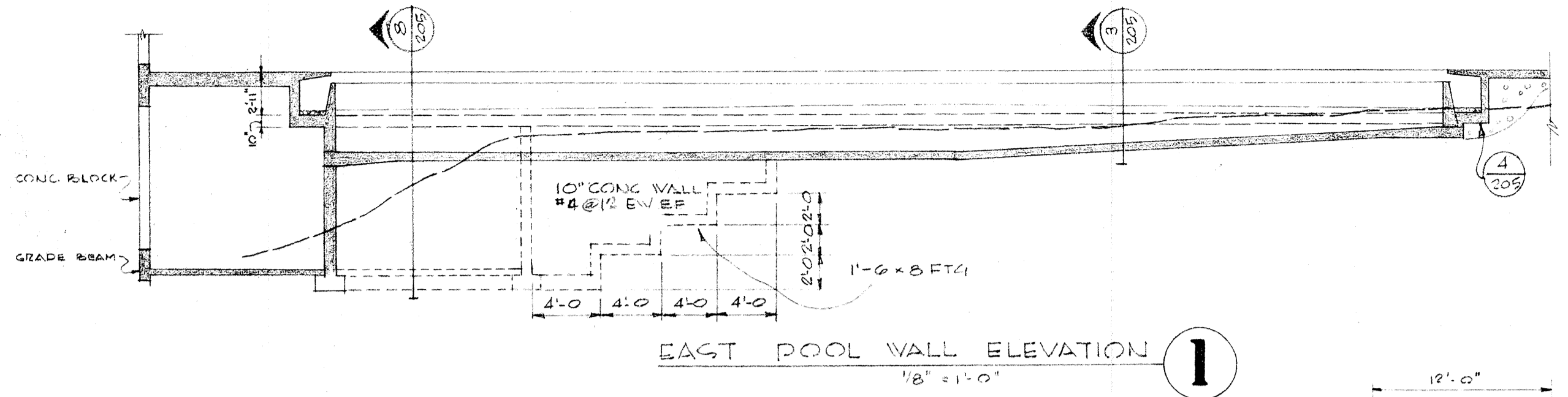


14 ANCHOR DETAIL NO SCALE
15 3 METER DIVING BOARD DETAIL SEE SPECIFICATION ALTERNATE #2 SCALE 3/4"=1'-0"

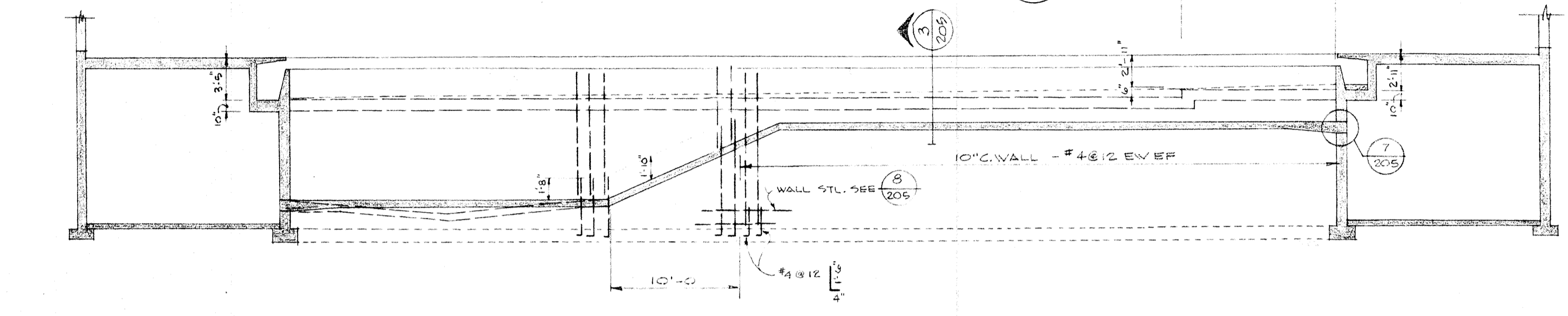


16 EYE ANCHOR DETAIL NO SCALE

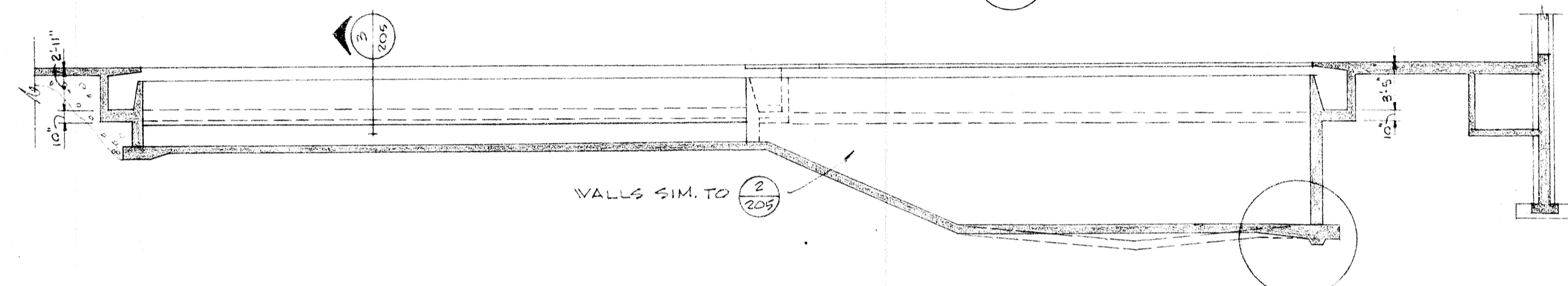
	DRAWN ASHTON	POOL EQUIPMENT DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY
	CHECKED	
	DRAWING	
	DATE MARCH 21, 66	
REVISIONS	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS	ENGINEERS
	444 PITTOCK BLOCK	PORTLAND, OREGON 97205
		TELEPHONE 227-1158



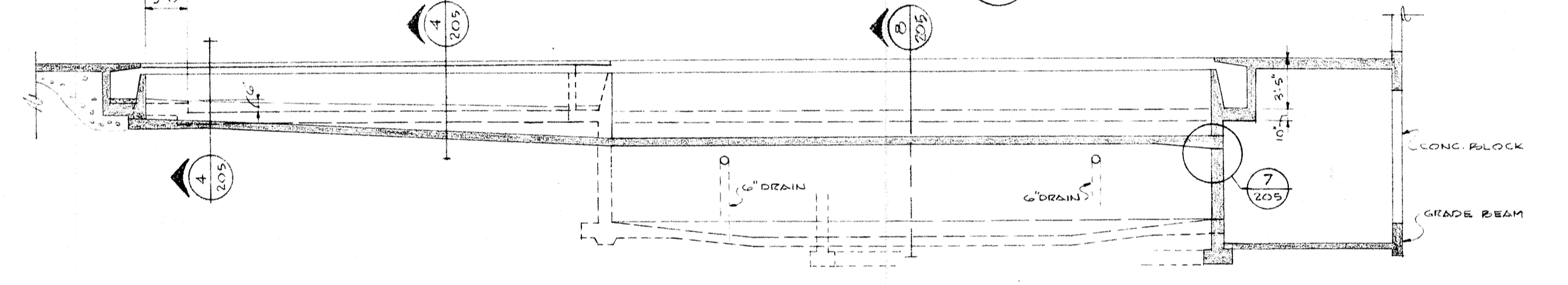
EAST POOL WALL ELEVATION 1
1/8" = 1'-0"



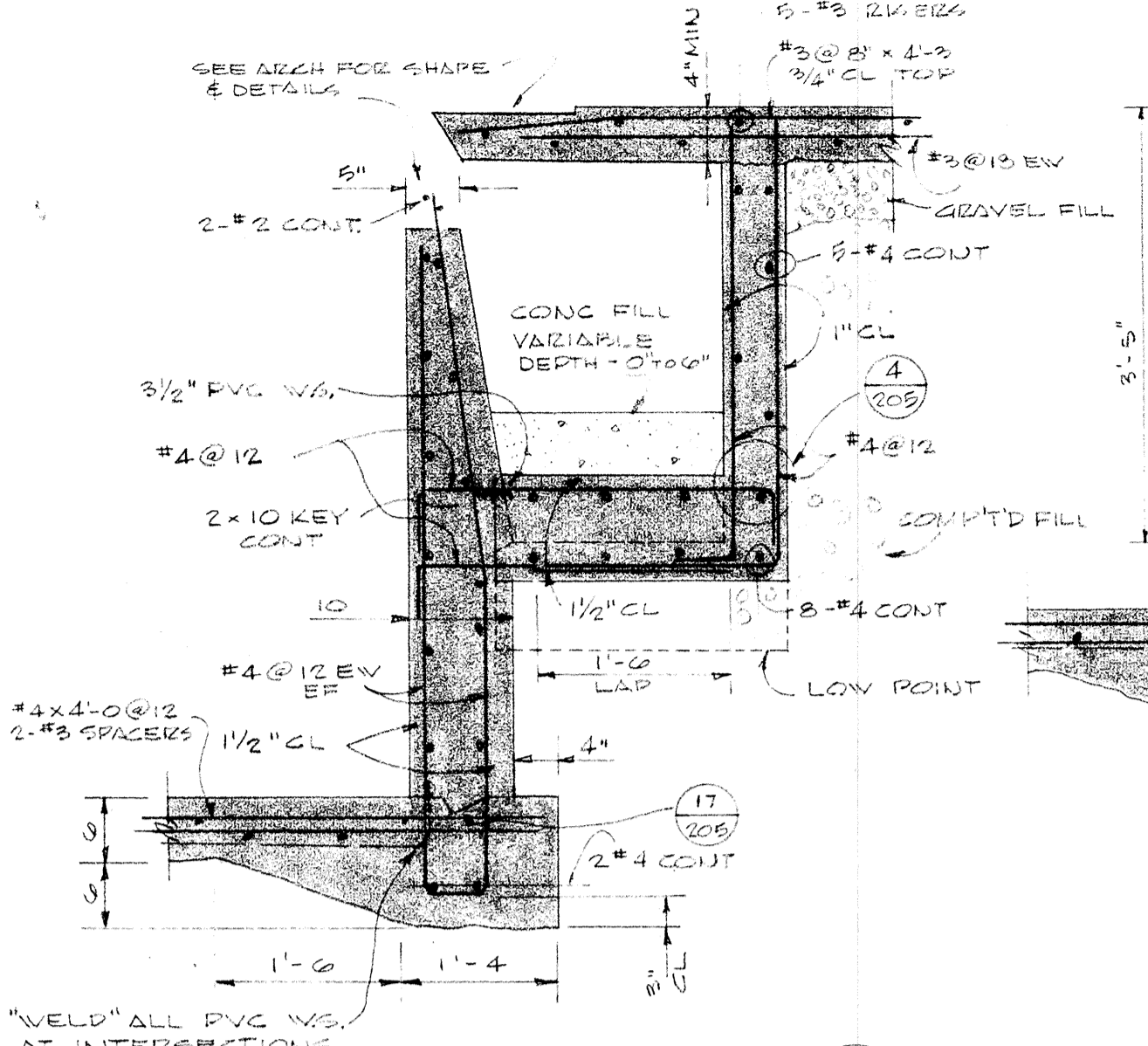
NORTH POOL WALL ELEVATION 2
1/8" = 1'-0"



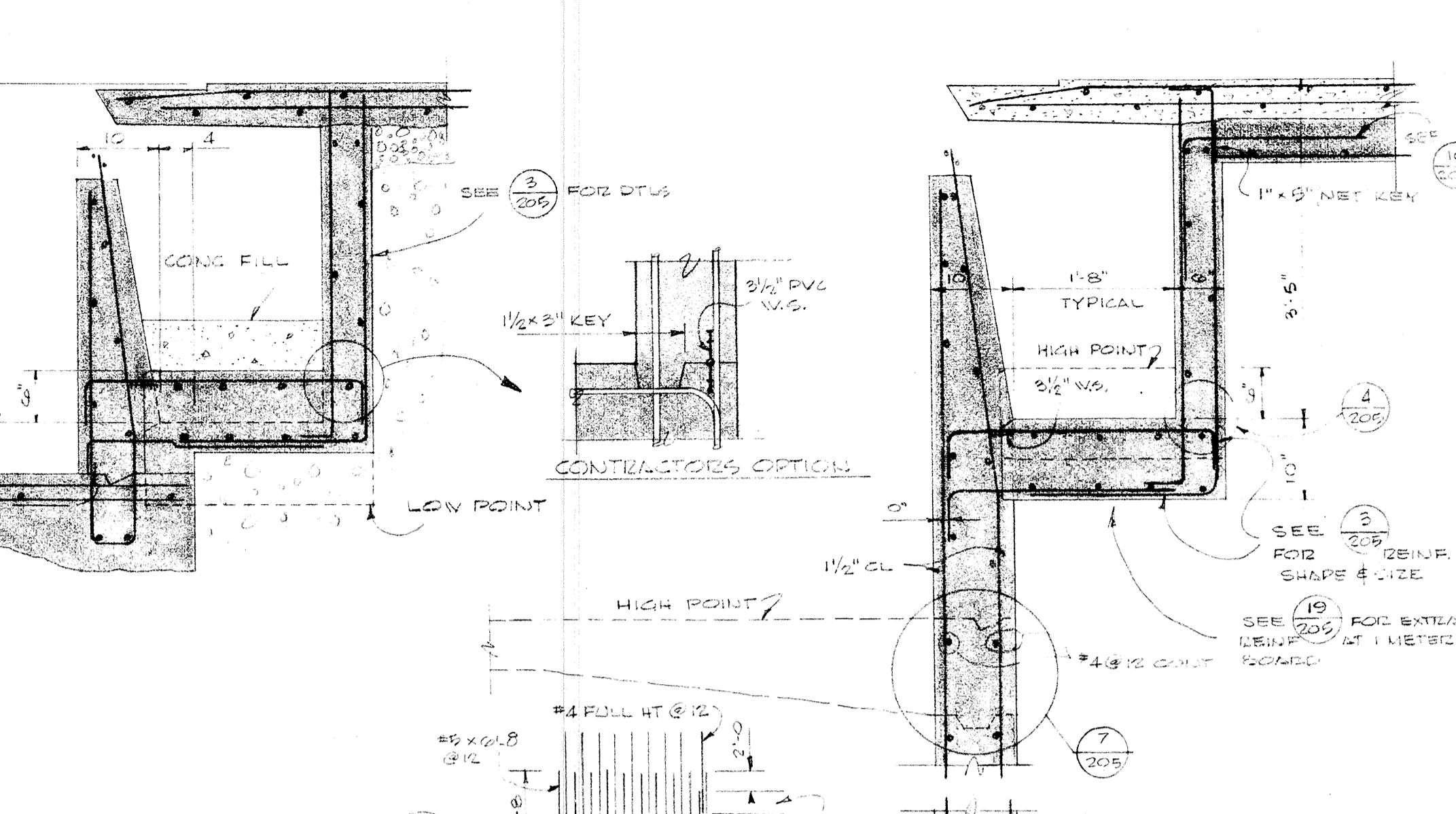
SOUTH POOL WALL ELEVATION 5
1/8" = 1'-0"



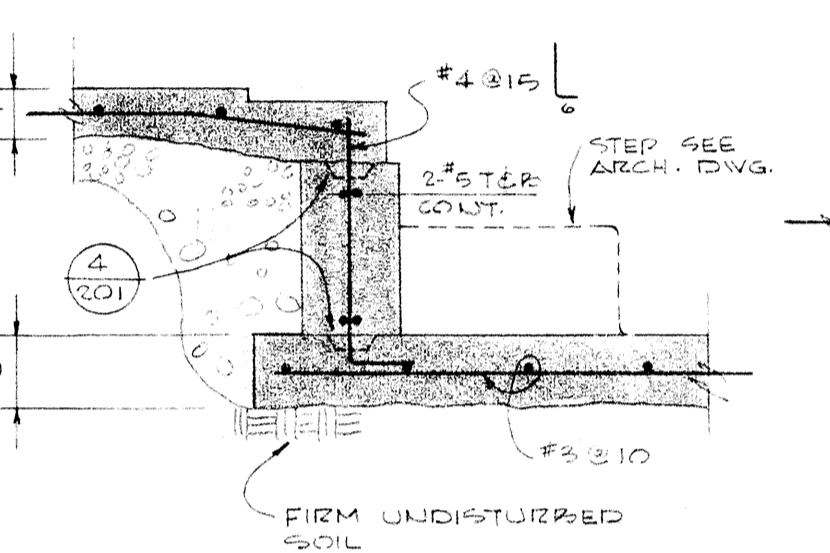
WEST POOL WALL ELEVATION 9
1/8" = 1'-0"



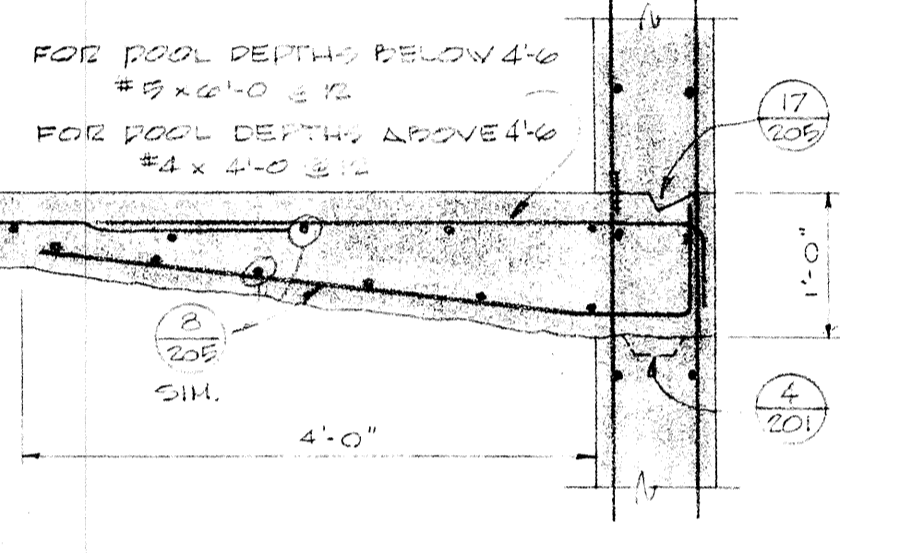
SURGE TROUGH 3
3/4" = 1'-0"



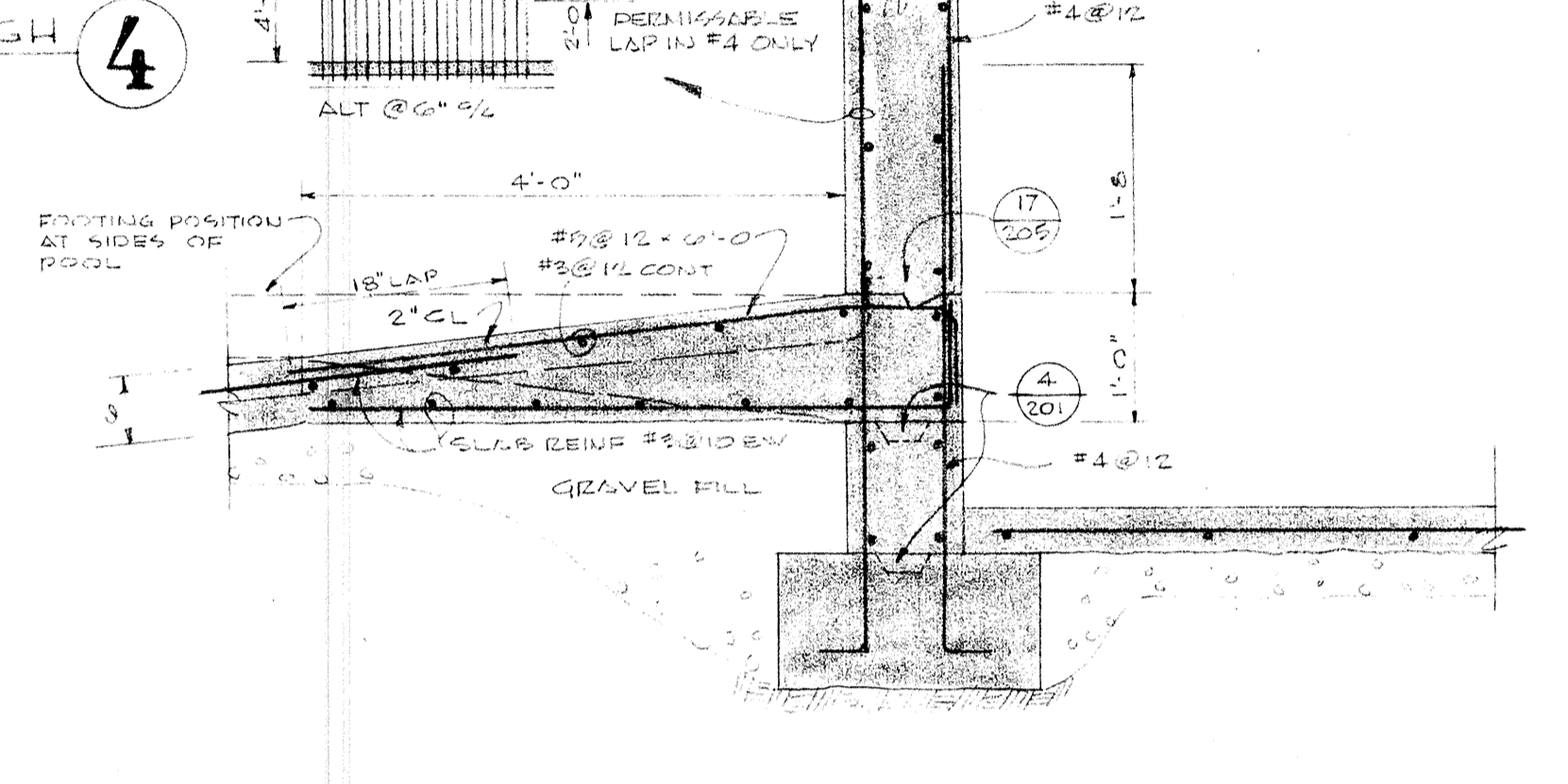
SURGE TROUGH 4
3/4" = 1'-0"



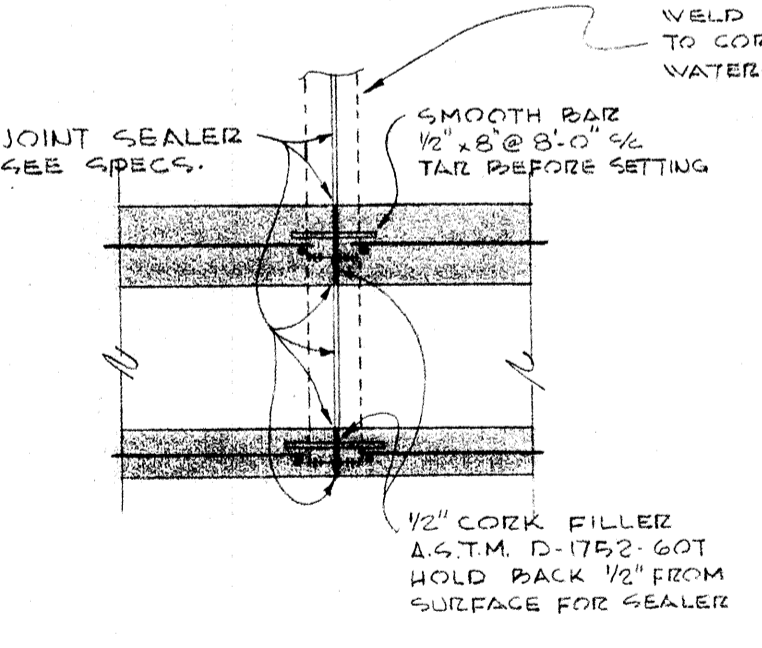
SHALLOW POOL WALL 6
3/4" = 1'-0"



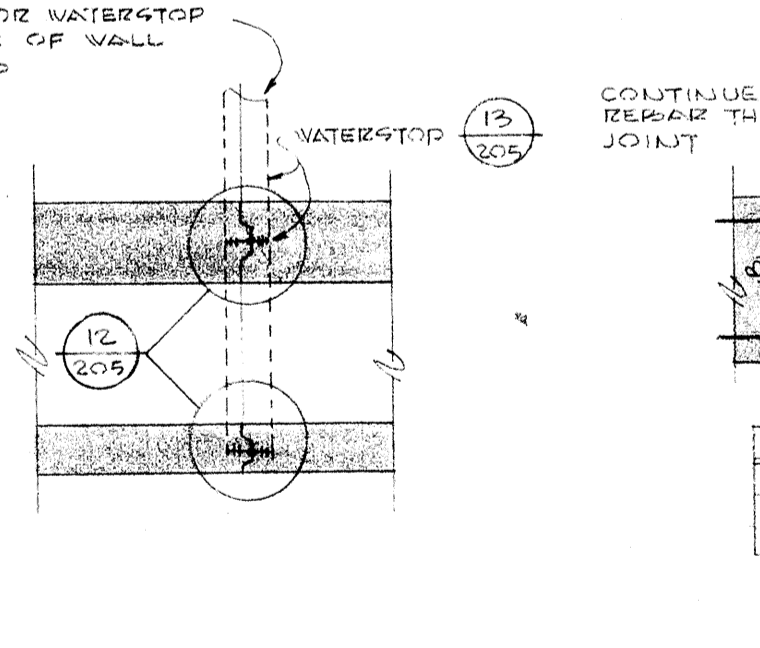
POOL FLOOR 7
3/4" = 1'-0"



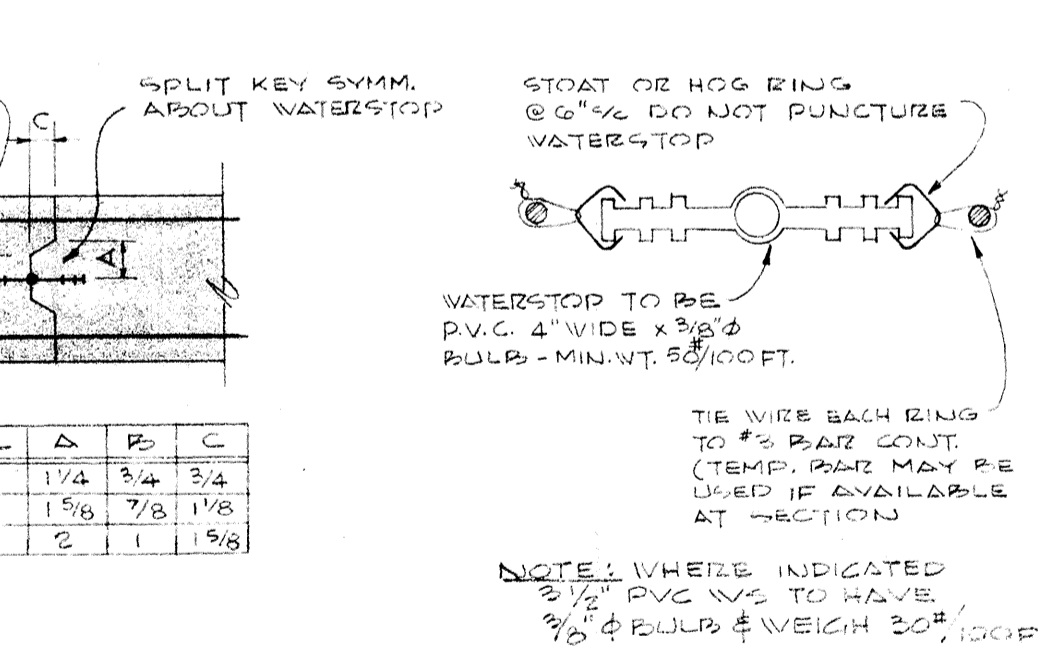
POOL WALL AT SUSPENDED SLAB 8
3/4" = 1'-0"



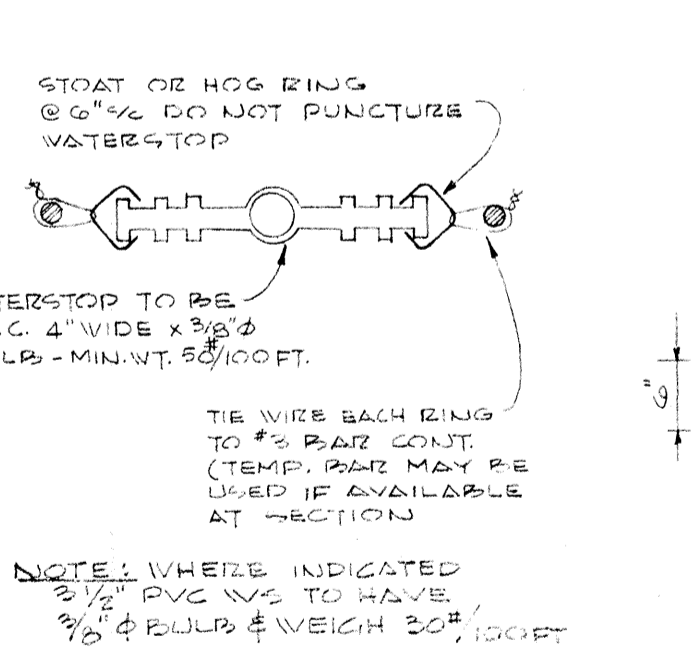
EXPANSION JOINT AT SURGE TROUGH 10



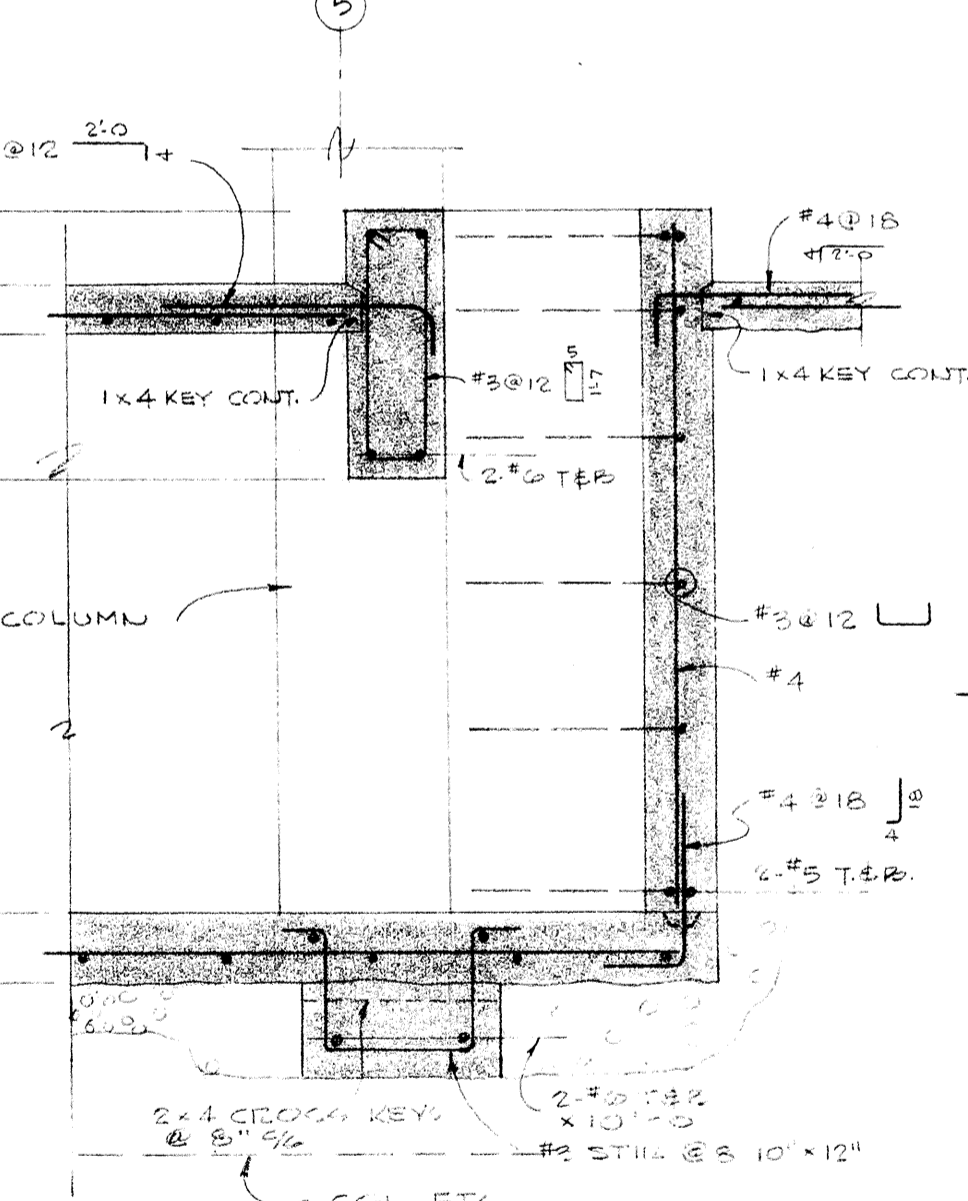
CONSTRUCTION JOINT AT SURGE TROUGH 11



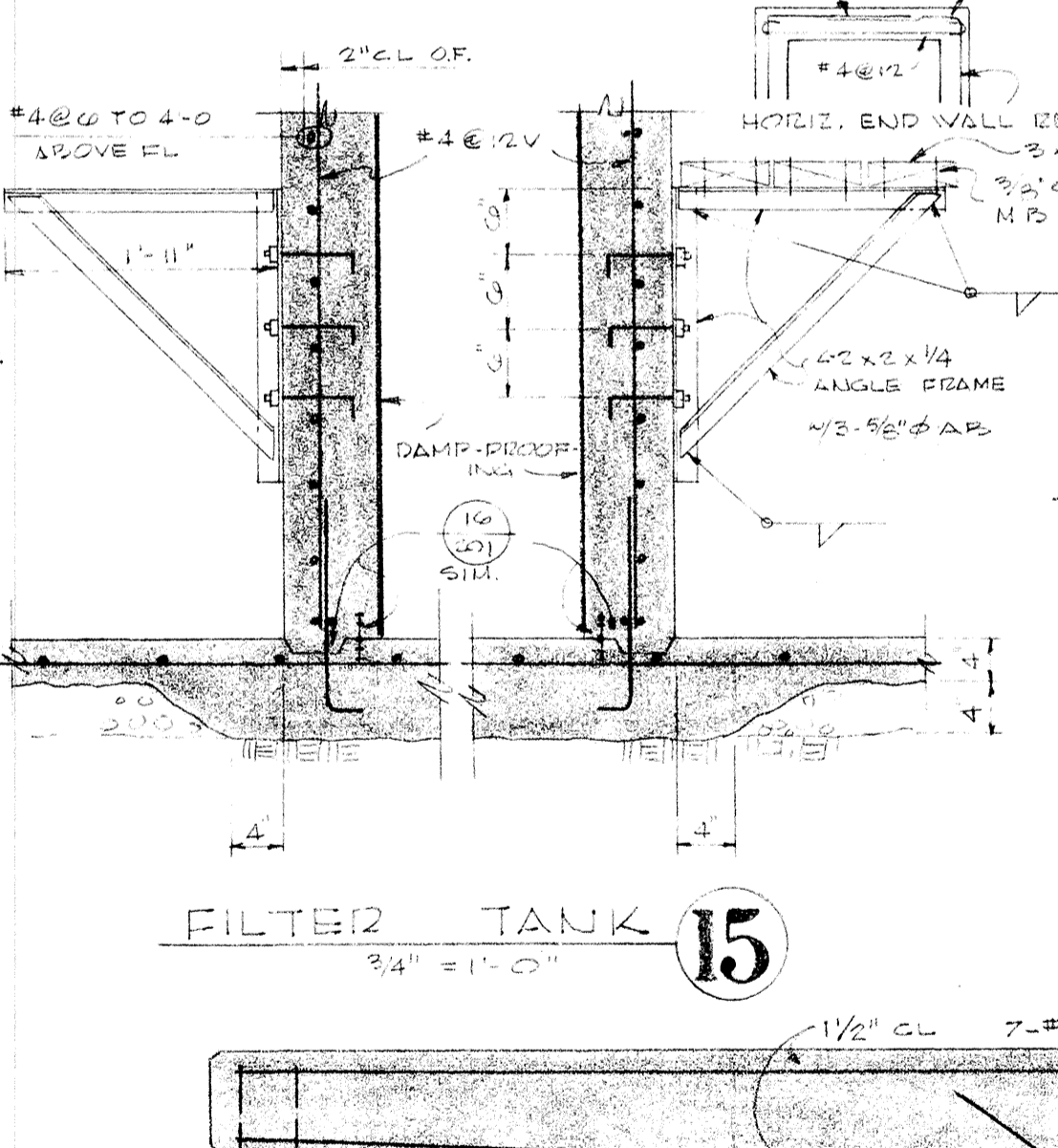
VERTICAL WALL CONST. JOINT 12



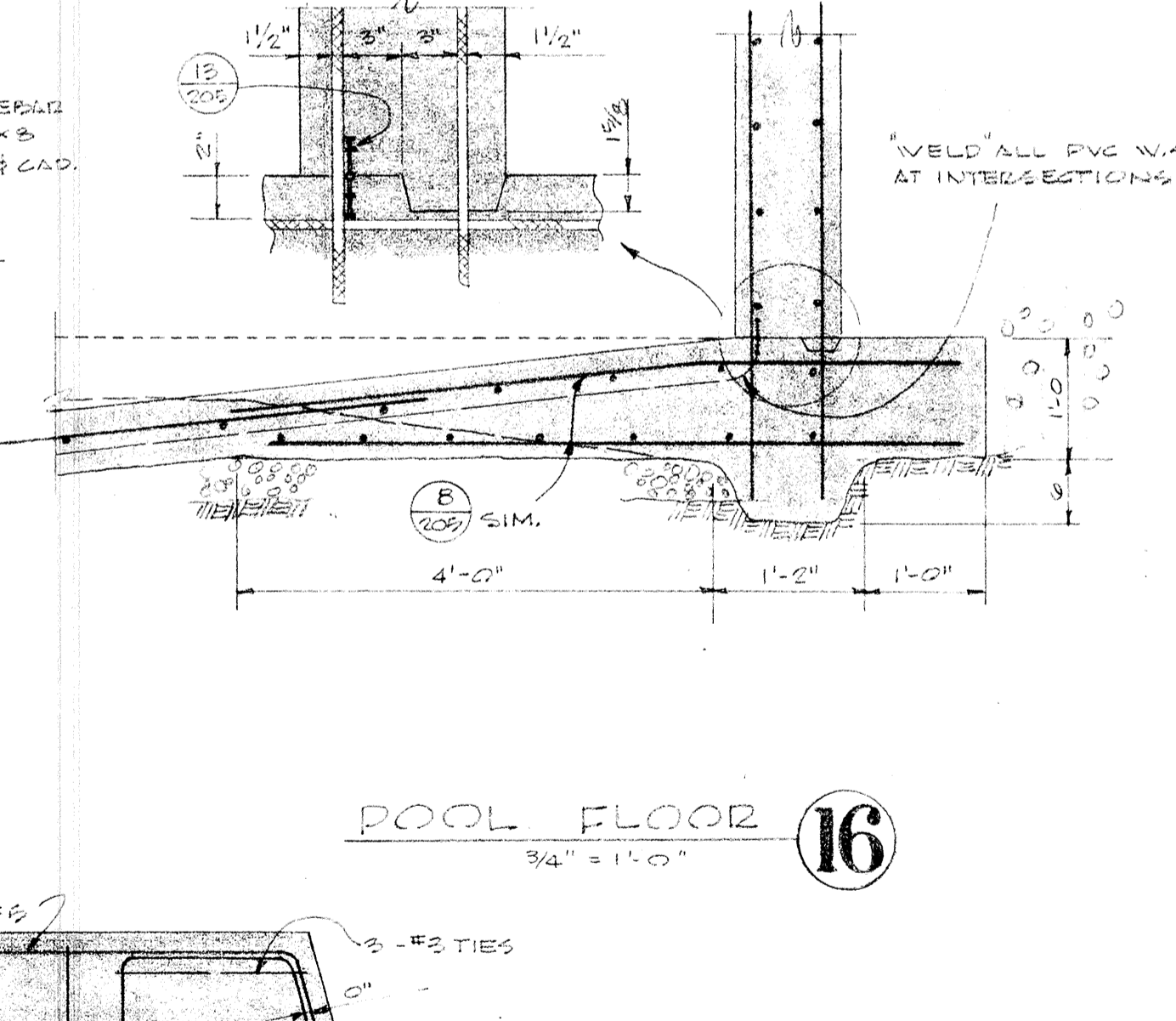
TYPICAL WATERSTOP GETTING DETAIL 13



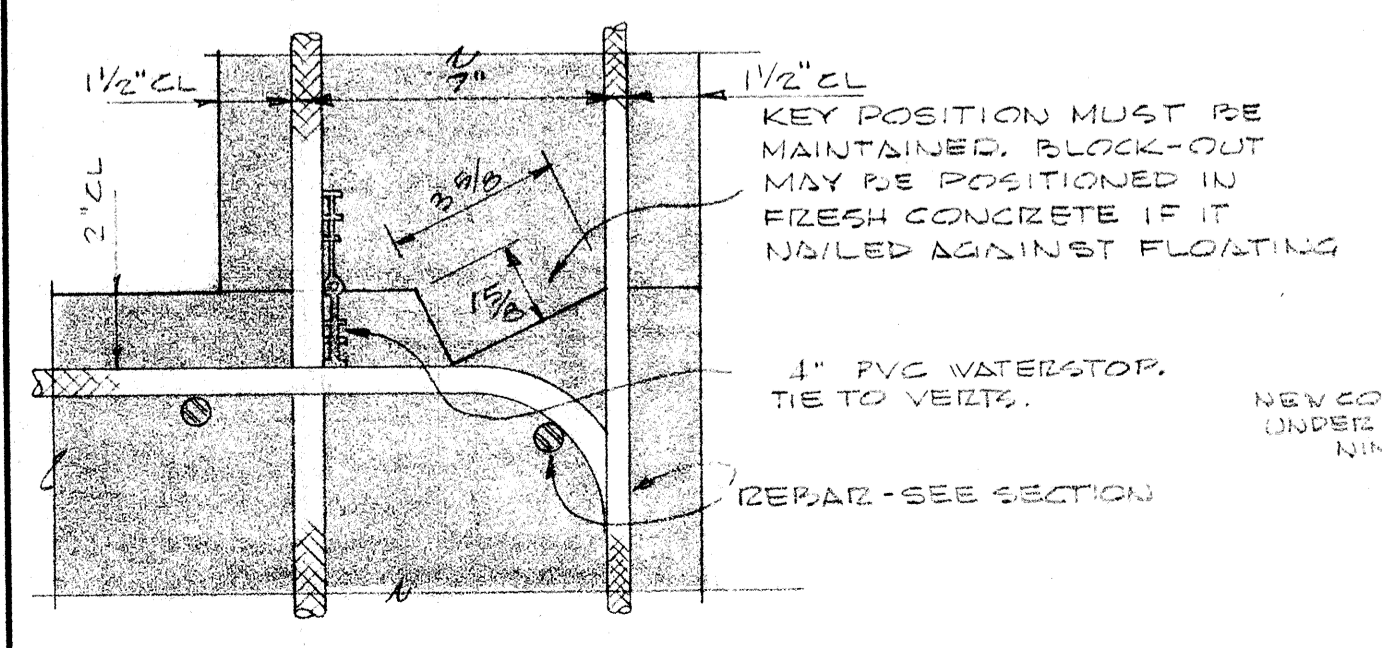
CONC. BEAM OVER TRENCH 14
3/4" = 1'-0"



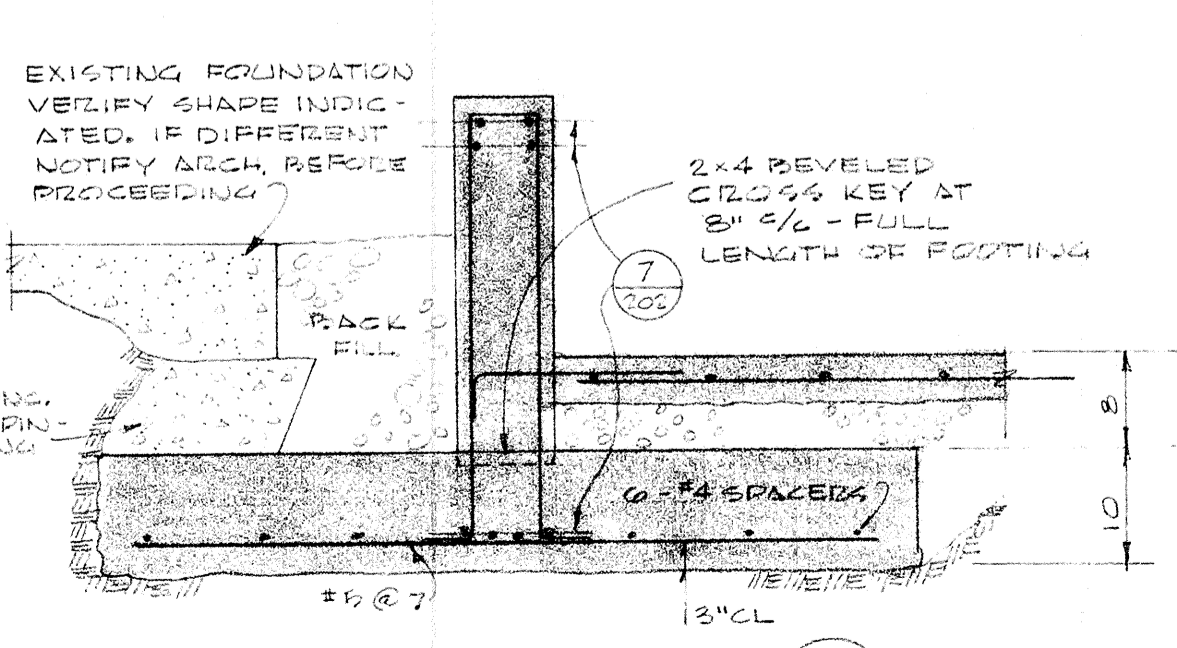
FILTER TANK 15
3/4" = 1'-0"



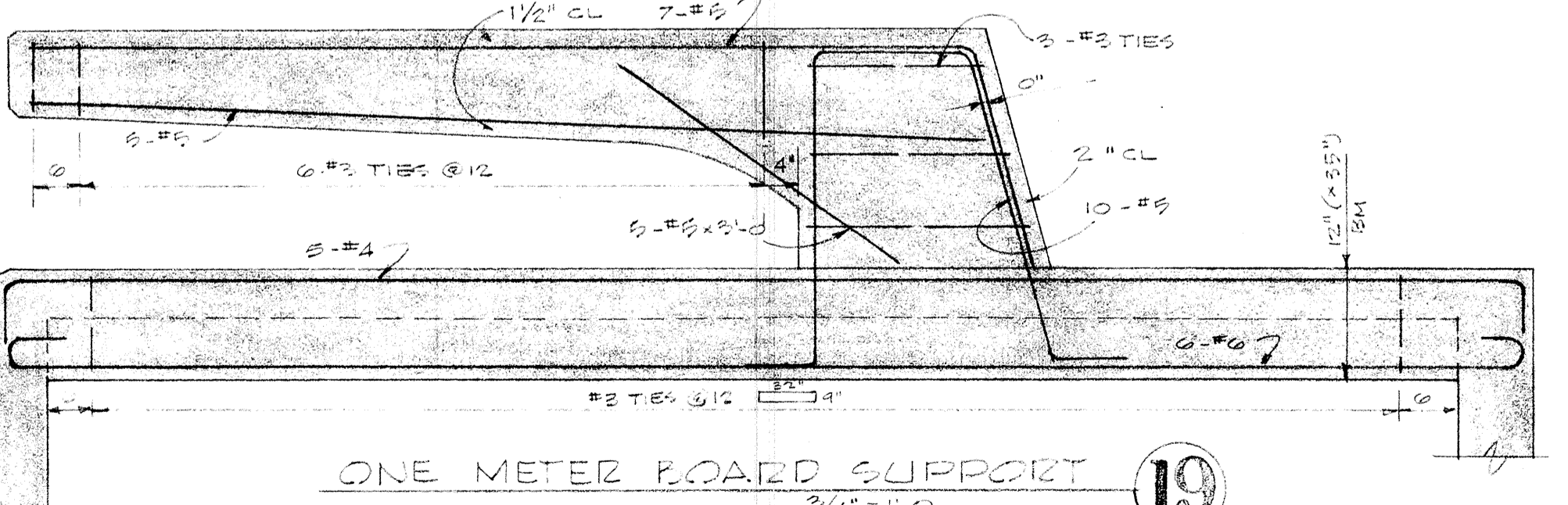
POOL FLOOR 16
3/4" = 1'-0"



POOL WALL PAUSE JOINT 17
3" = 1'-0"



FOOTING DI-EI 18



ONE METER BOARD SUPPORT 19
3/4" = 1'-0"

ADULT GENR. CENTER ON COLLEGE - 7-21 02

STRUCTURAL POOL WALLS & DETAILS

SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO. 46 CLACKAMAS COUNTY

EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS

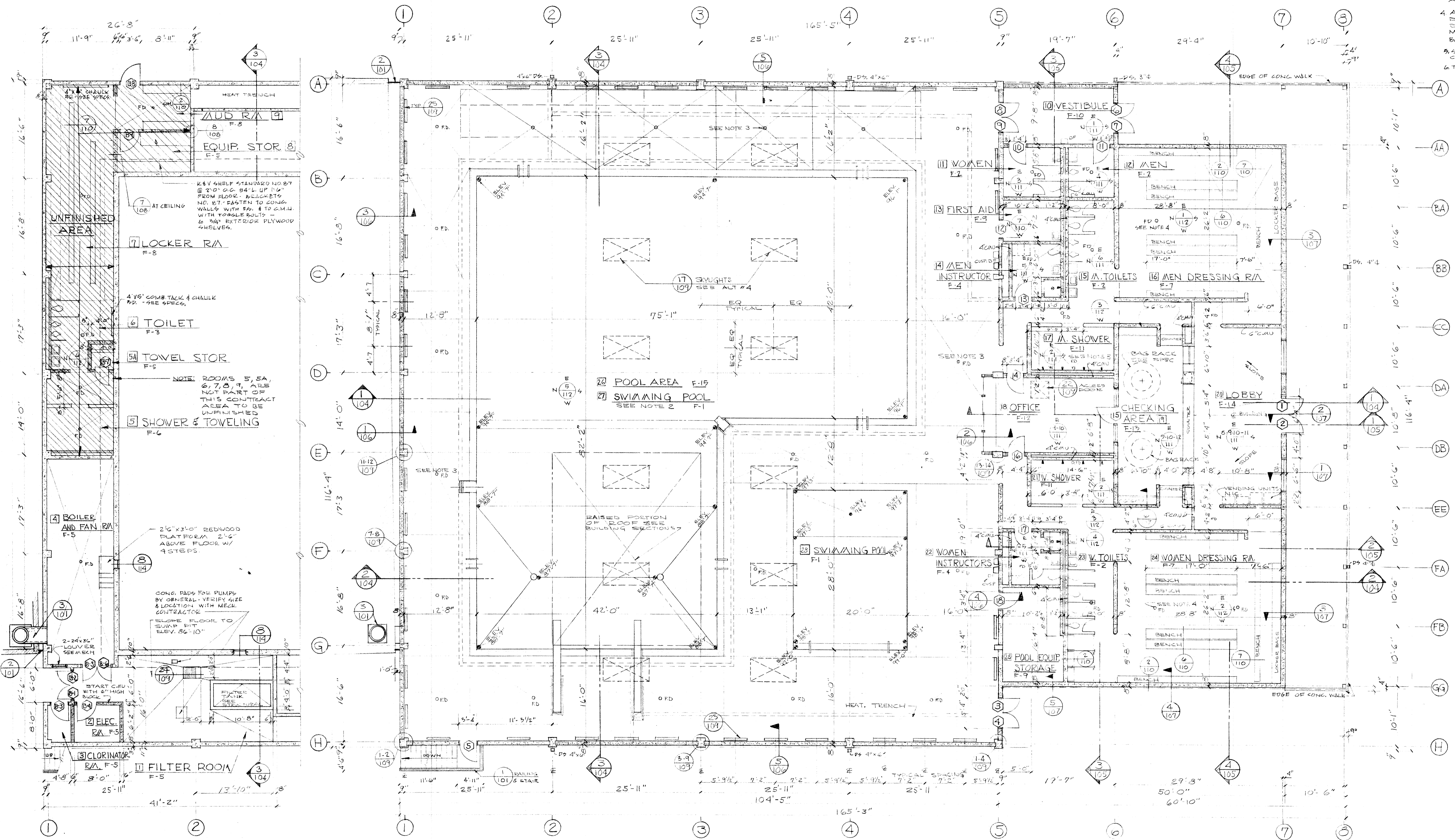
444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158

DRAWN GA R
CHECKED CT
DRAWING 205
DATE 1/23/62
REVISIONS

DATE 1/23/62

NOTES:

1. ALL CONC. BLOCK WALLS ARE 8" UNLESS NOTED OTHERWISE.
2. SEE DRAWING 113 FOR POOL ELEVATION, EQUIP. LAYOUT & DETAILS.
3. POOL DECK DRAINS & SHOWER, FLOOR DRAIN ELEVATIONS, SET AT "97'-10"
4. ALL OTHER FLOOR DRAINS ELEVATIONS SET AT "97'-10"
5. SEE STRUCT. DWGS. FOR CONGT. & EXP. JOINTS.
6. TYPICAL ROOM INDICATION ROOM NO. - II VESTIBULE FINISHING - F-10 ELEVATIONS - III

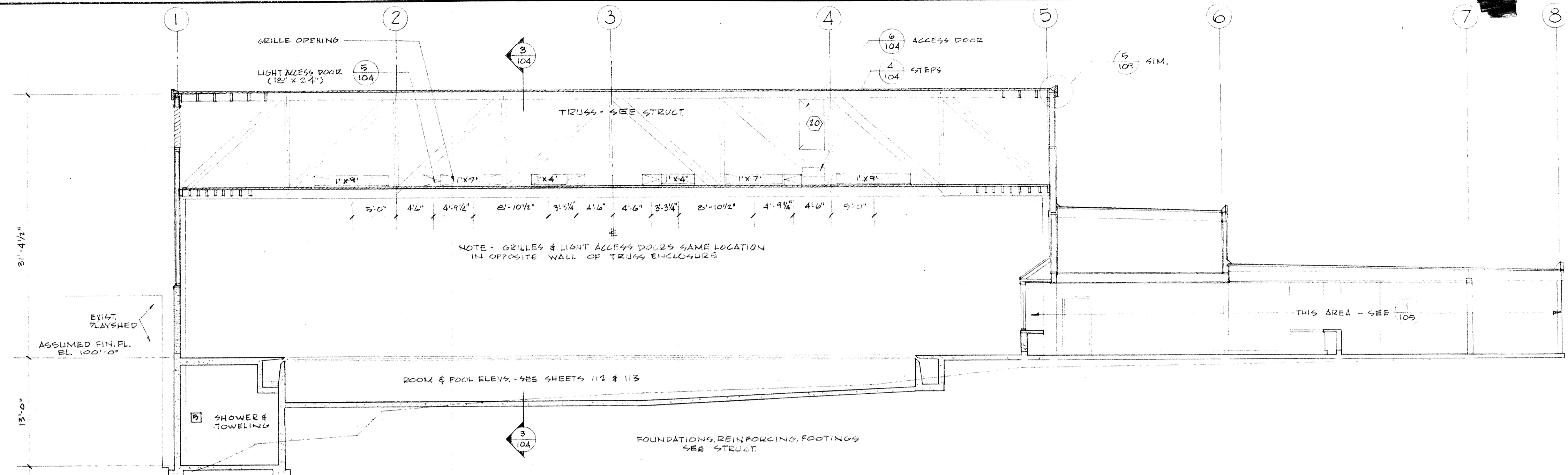


BASEMENT FLOOR PLAN
SCALE 1/8" = 1'-0" ASSUME FIN. FL. ELEV. 87'-0"

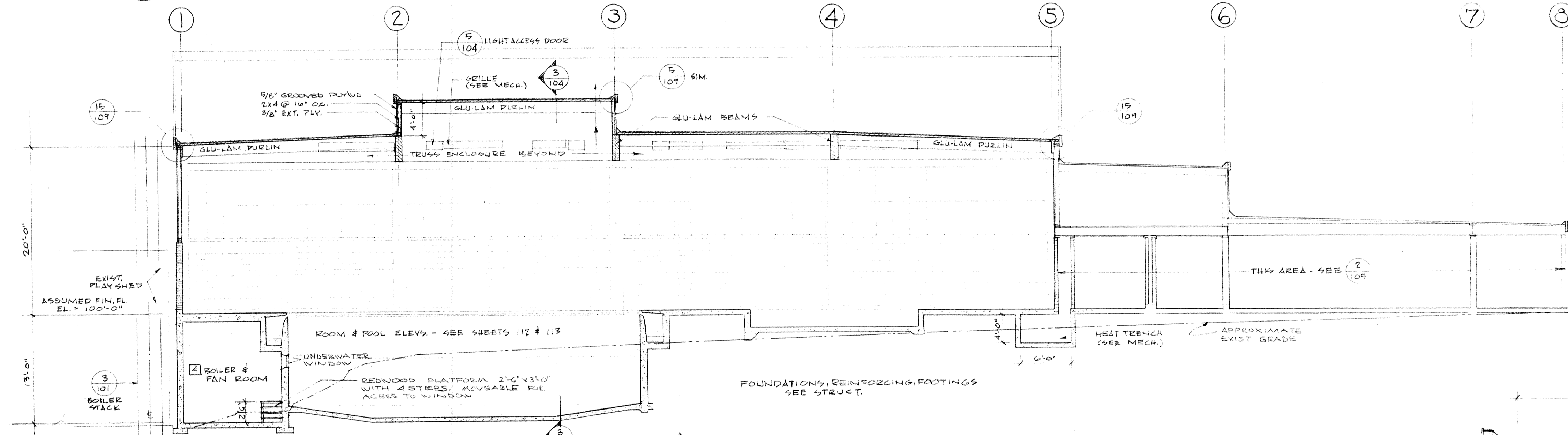
MAIN FLOOR PLAN
SCALE 1/8" = 1'-0" ASSUME FIN. FL. ELEV. 100'-0"



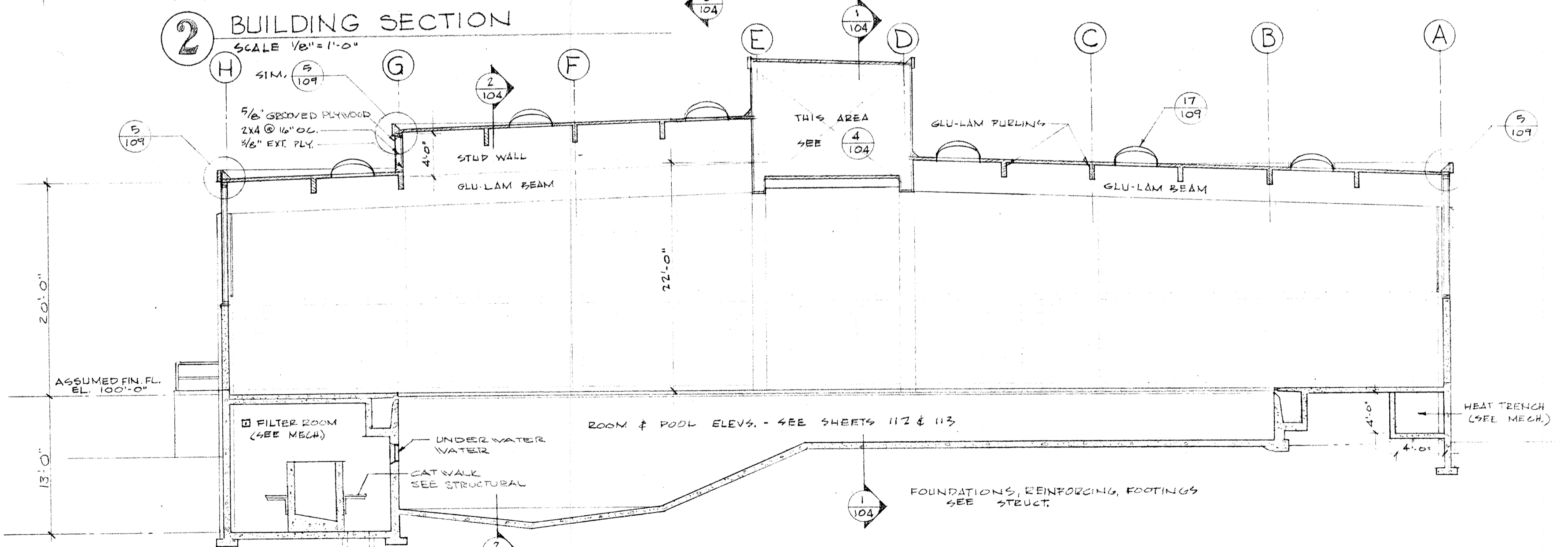
	DRAWN D.J. ASHTON CHECKED DRAWING 102	BASEMENT AND MAIN FLOOR PLANS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO. 46 CLACKAMAS COUNTY
	DATE MARCH 21, 66 REVISIONS	



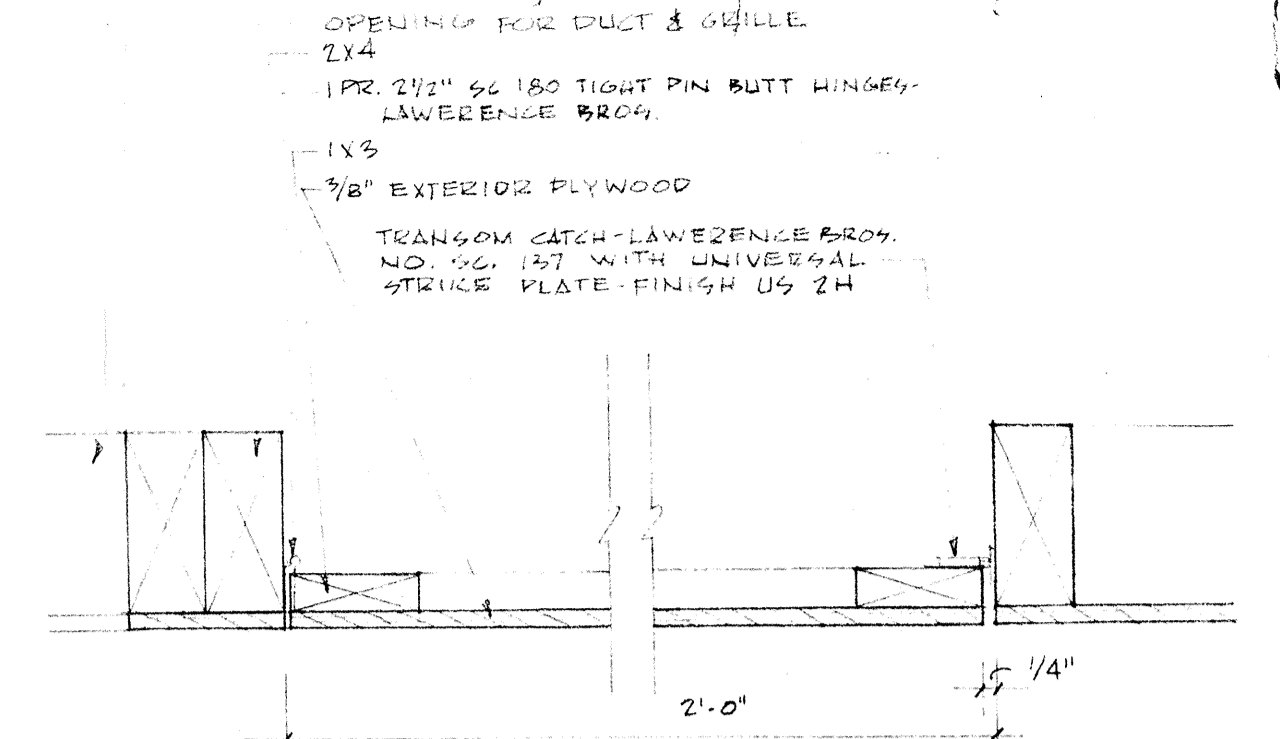
1 BUILDING SECTION
SCALE 1/8" = 1'-0"



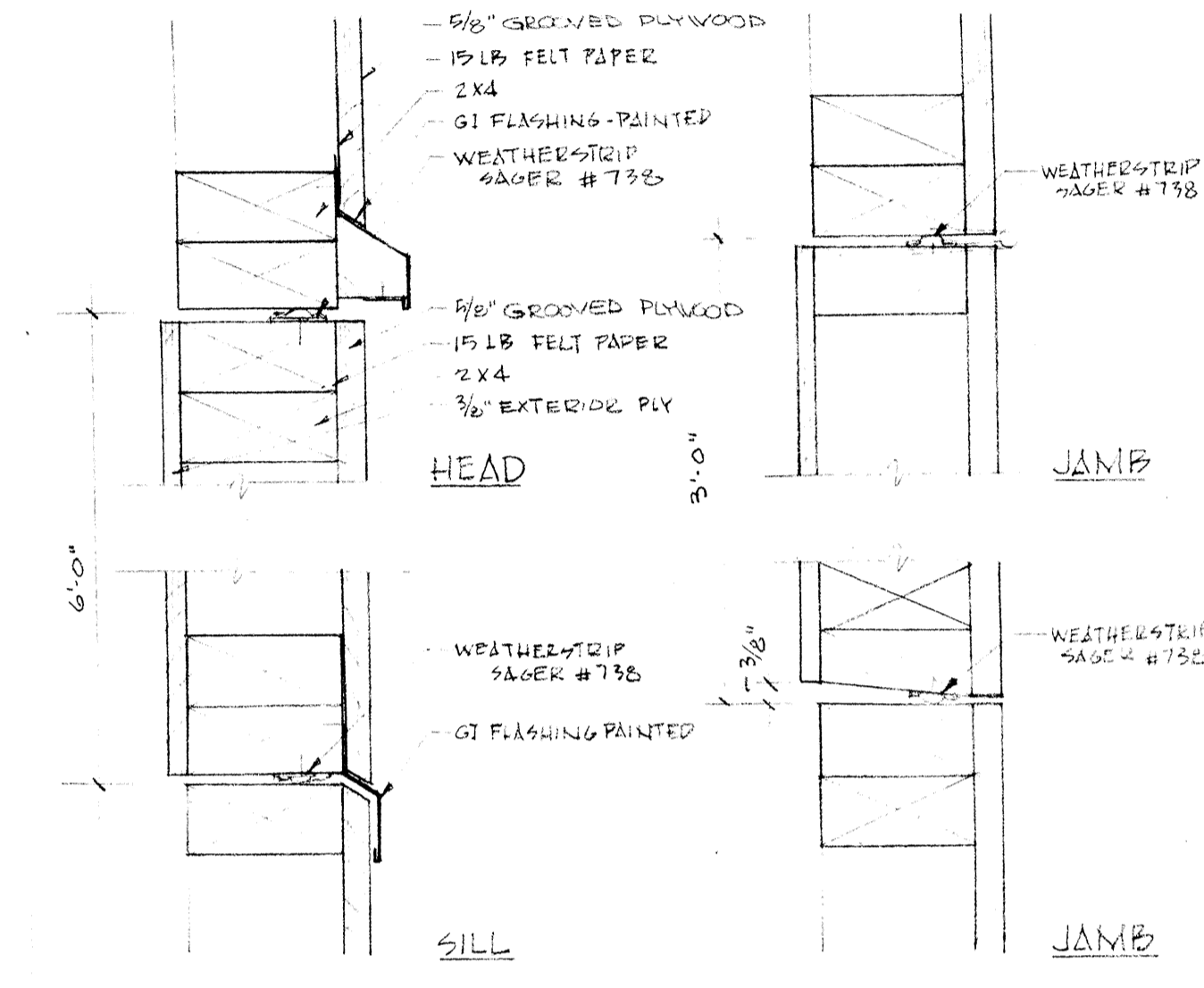
2 BUILDING SECTION
SCALE 1/8" = 1'-0"



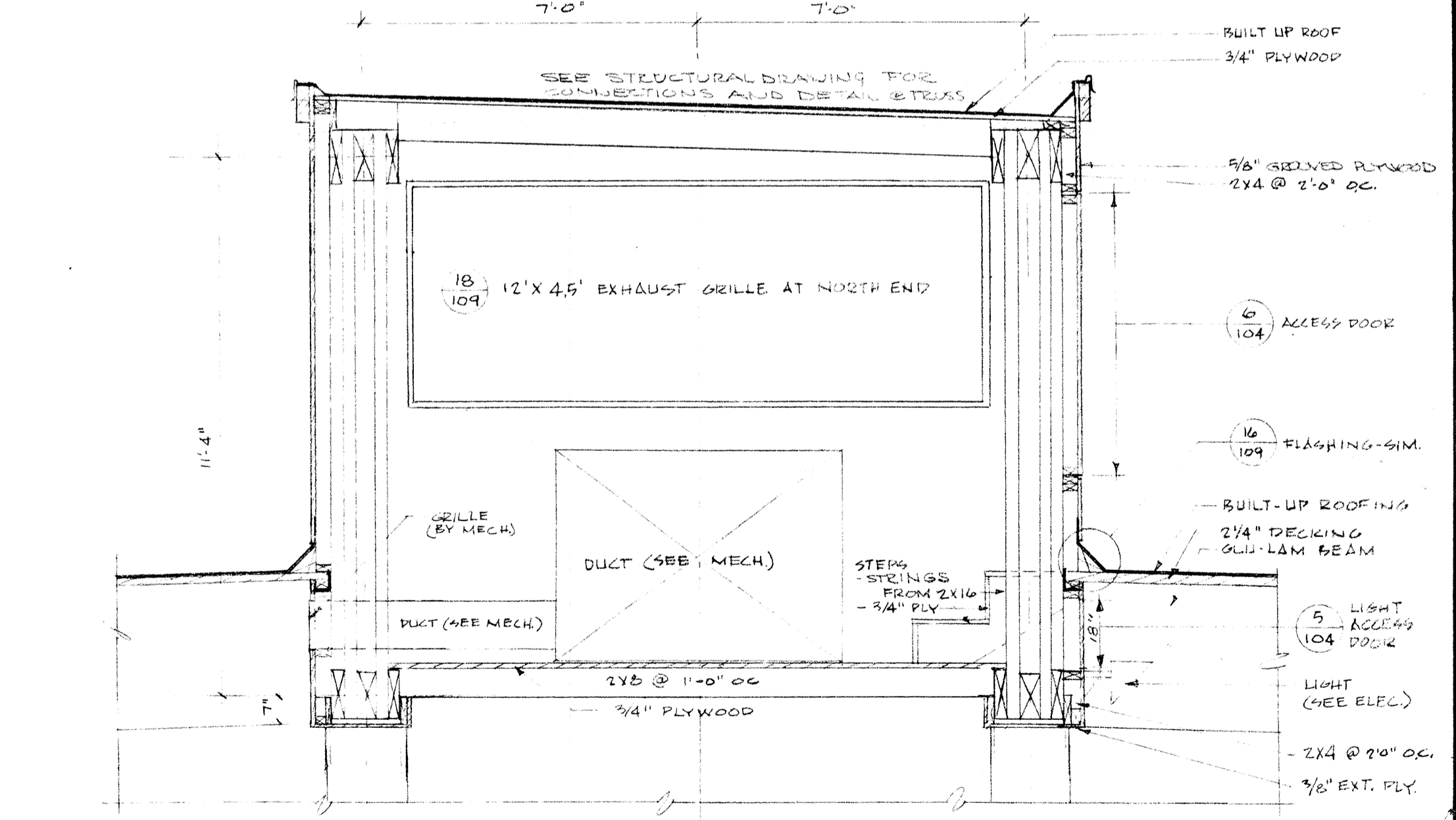
3 BUILDING SECTION
SCALE 1/8" = 1'-0"



5 LIGHT ACCESS DOOR
SCALE 3/4" = 1'-0"

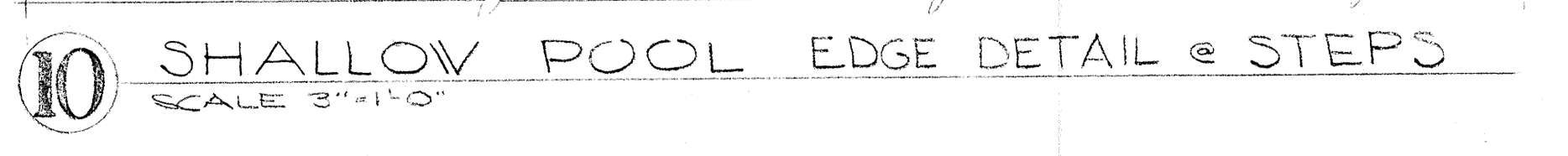
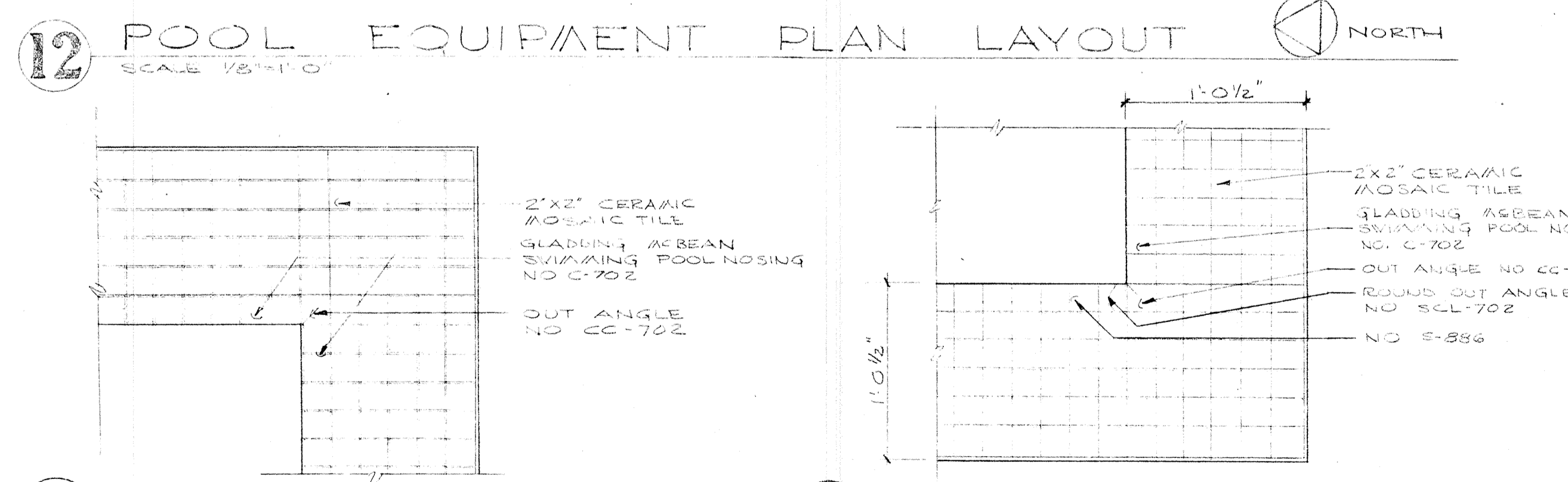
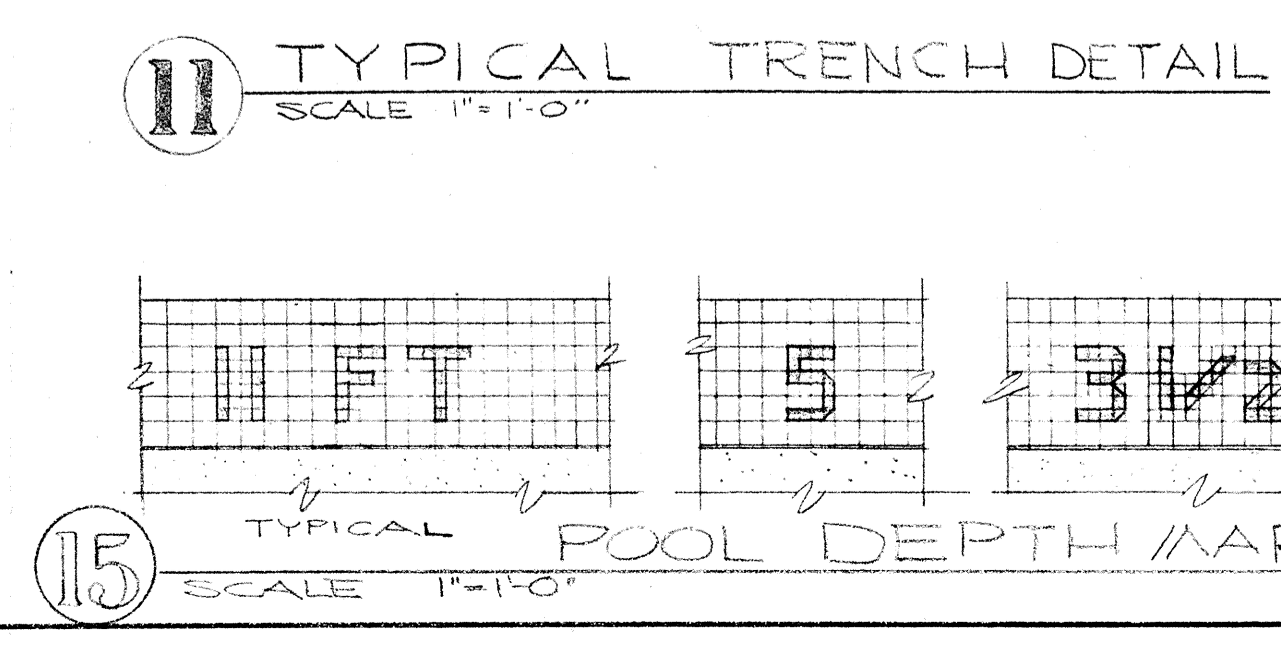
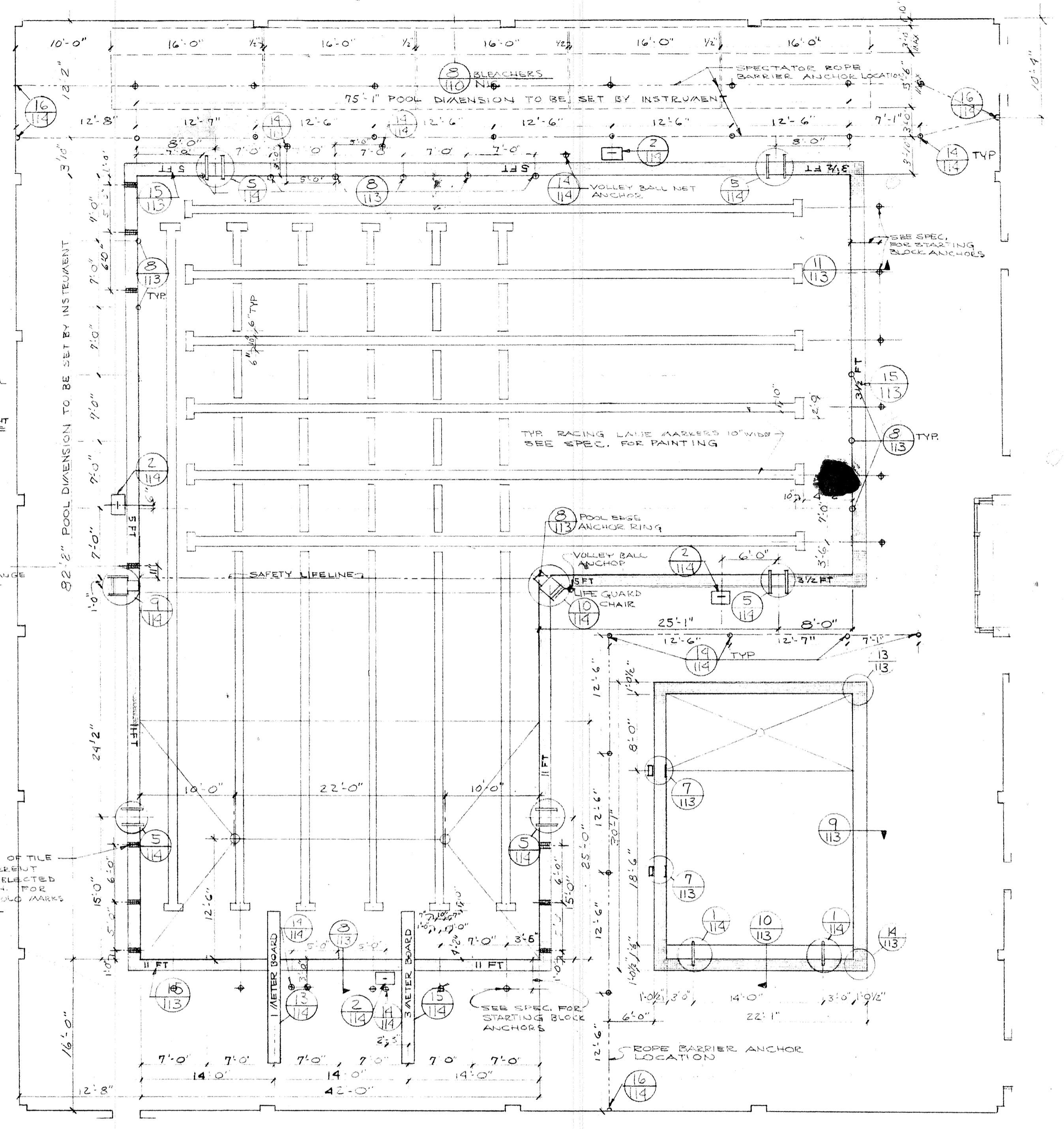
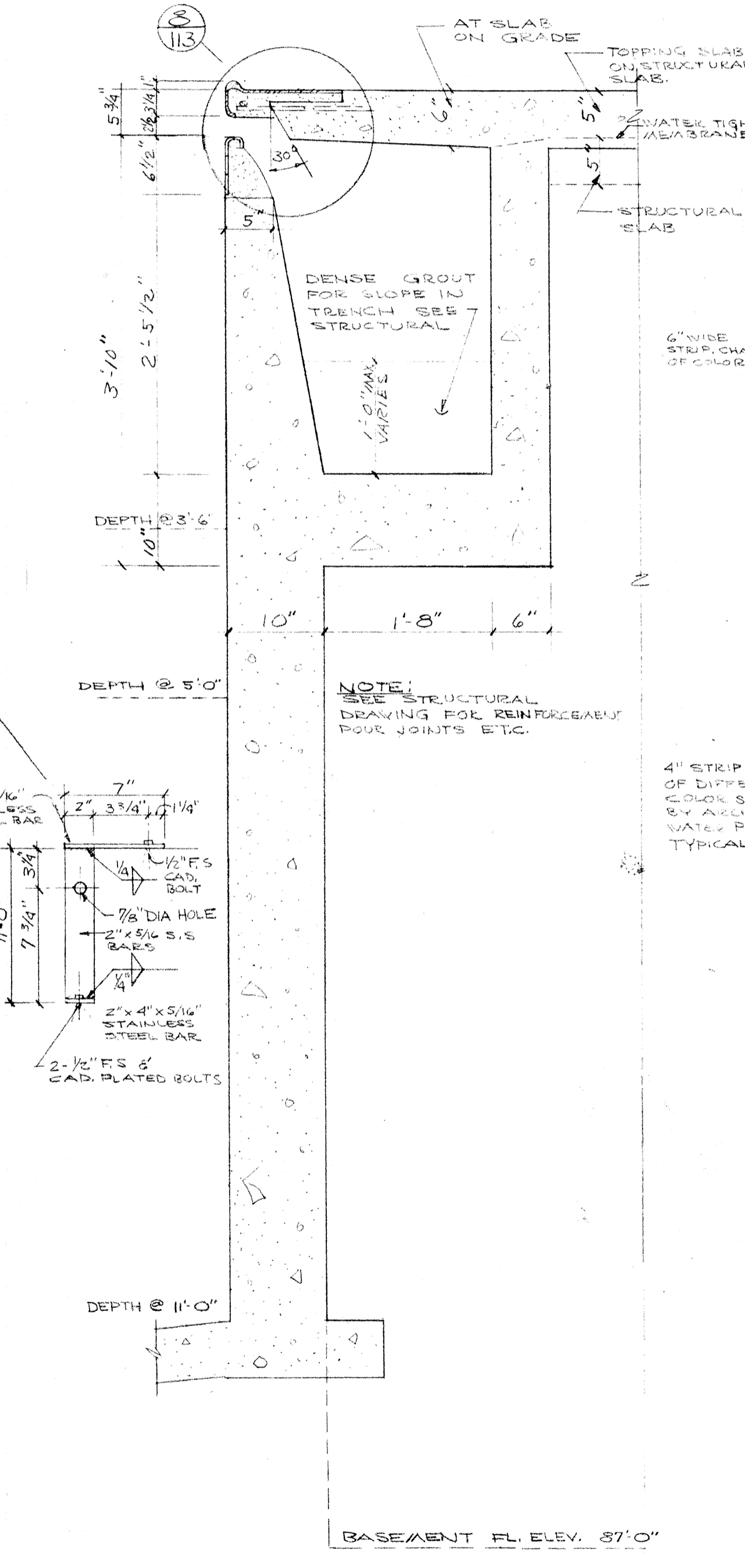
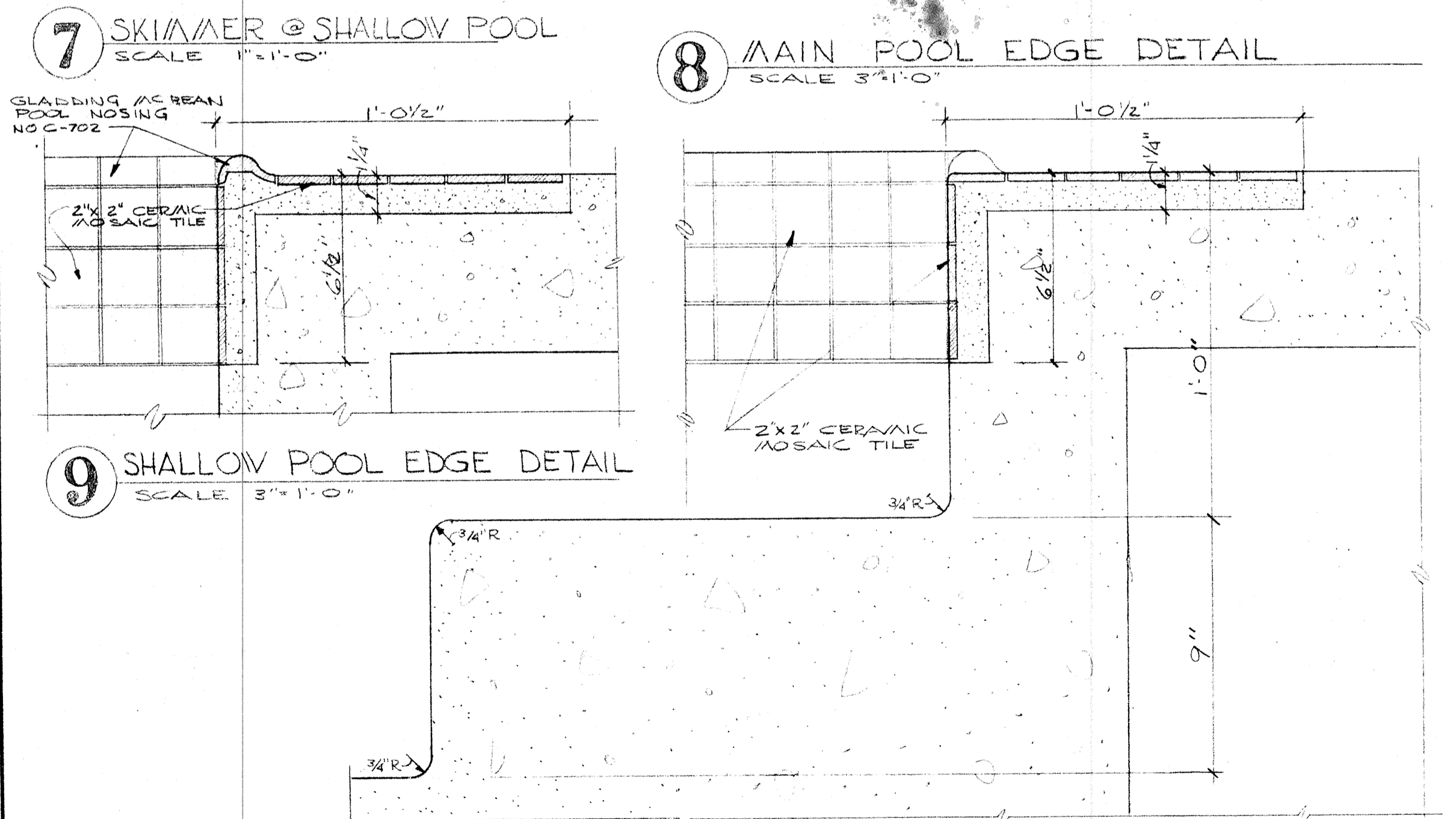
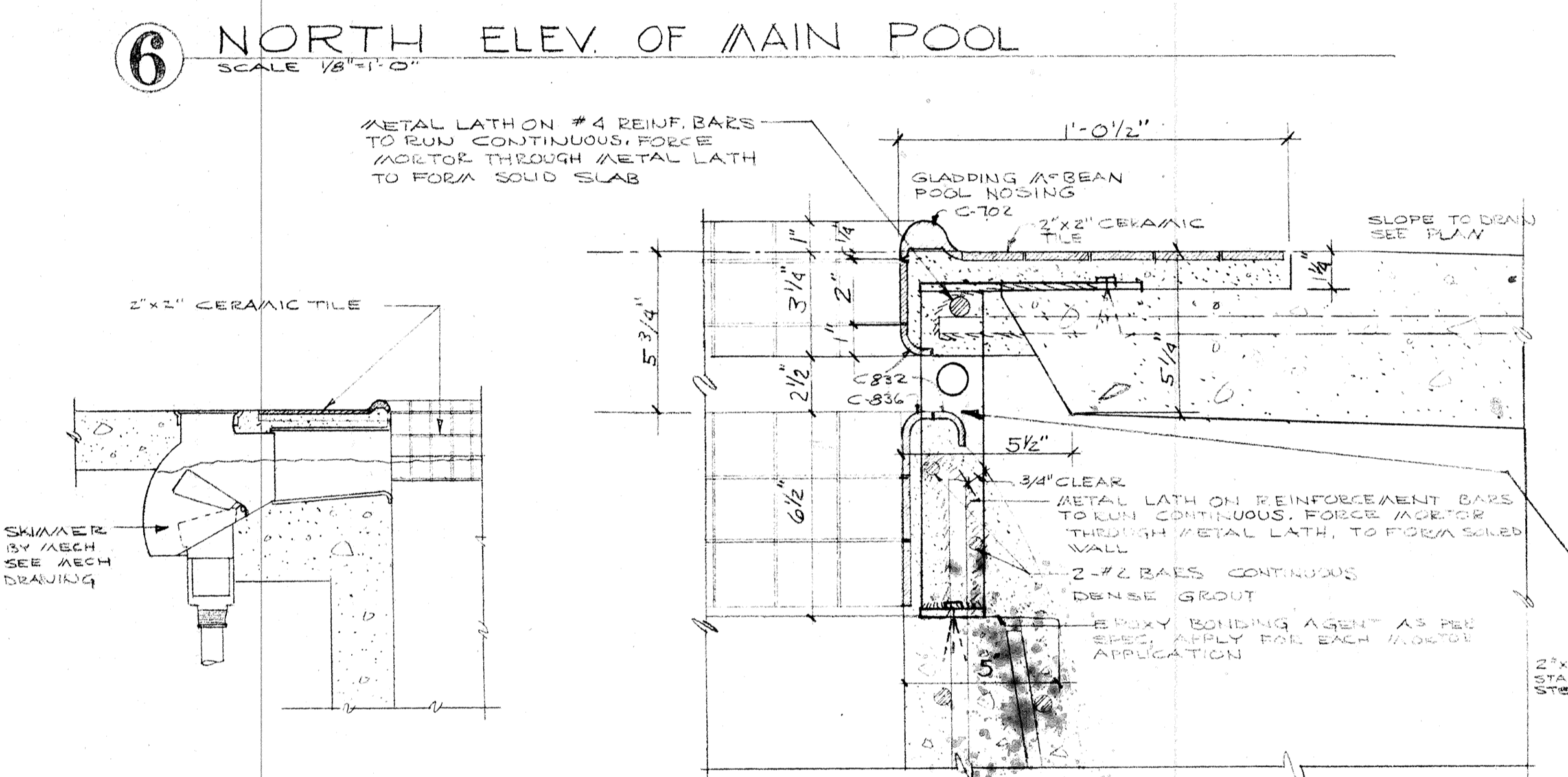
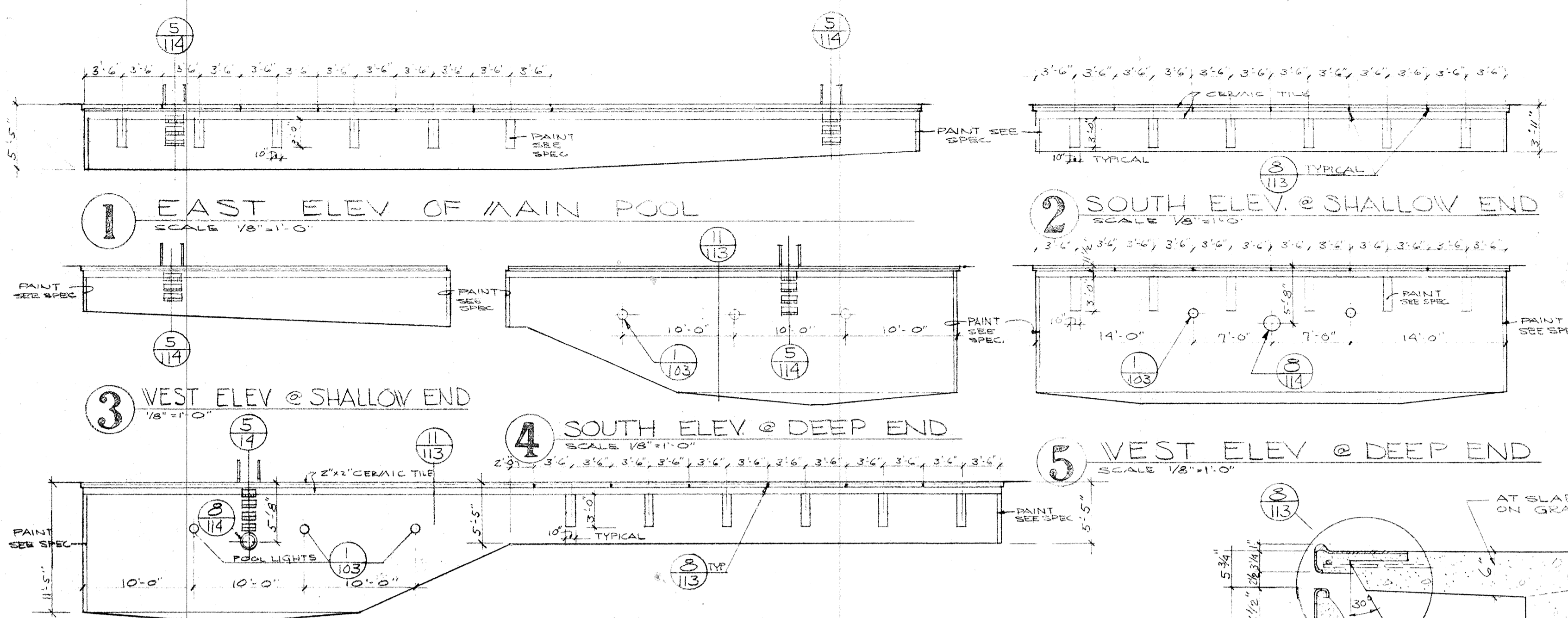


6 ACCESS DOOR
SCALE 3/4" = 1'-0"

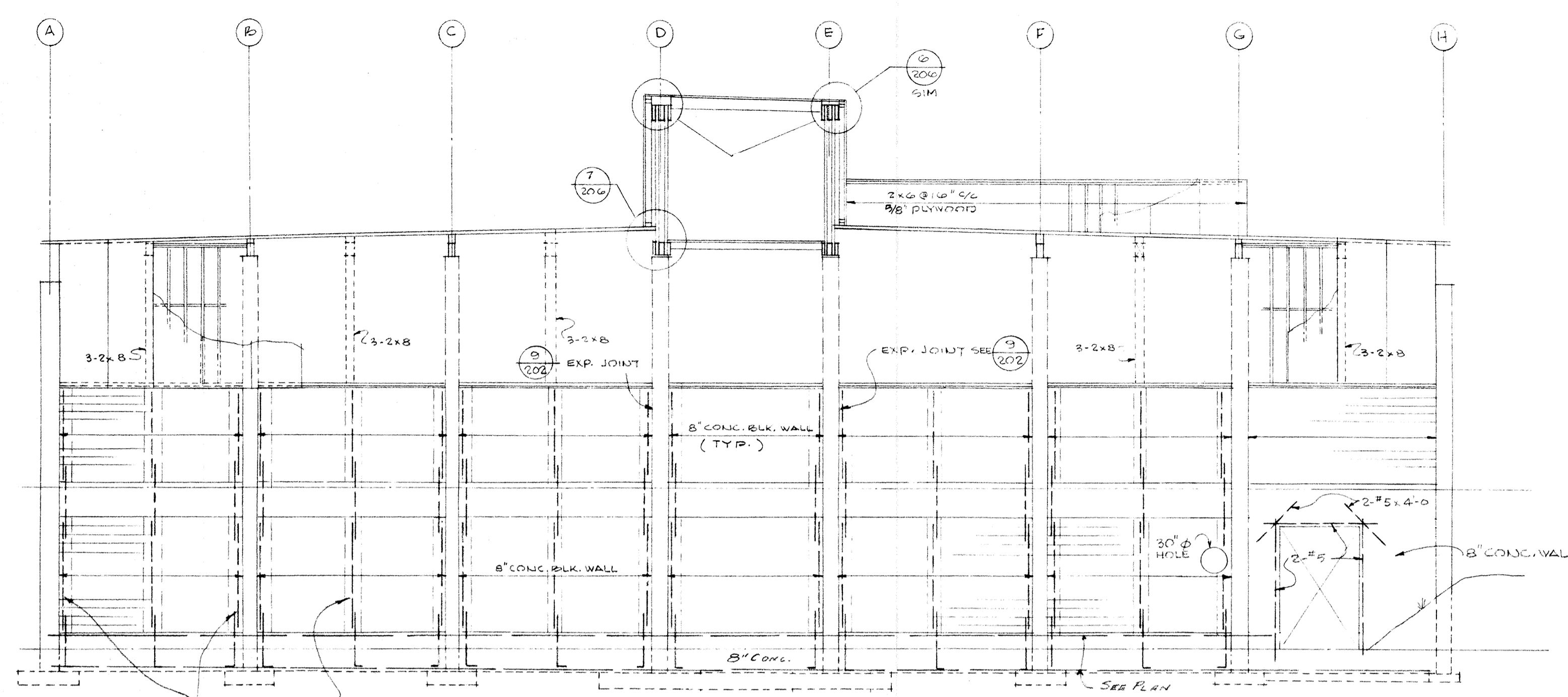


4 TRUSS ENCLOSURE
SCALE 3/8" = 1'-0"

	DRAWN ASHTON CHECKED DRAWING 104	BUILDING SECTIONS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ENGINEERS 444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158
	DATE / MARCH 21, 66 REVISIONS	

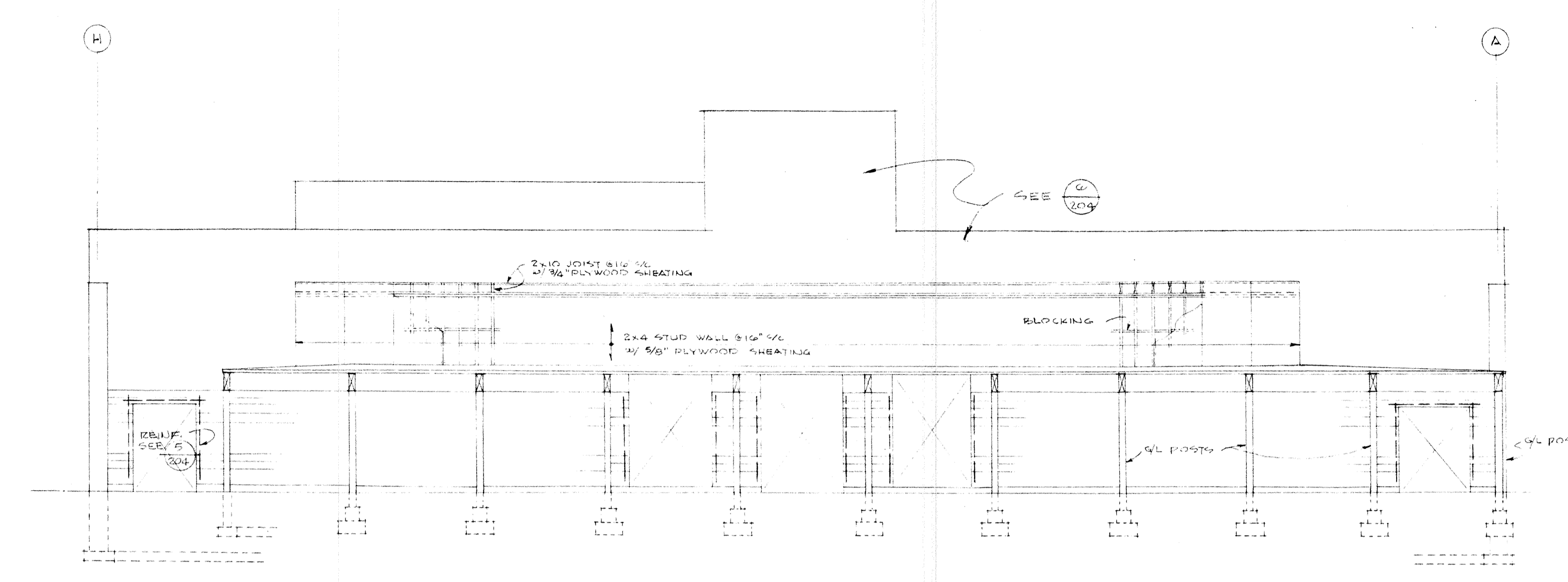


	DRAWN ASHTON	POOL EQUIP. LAYOUT & DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY
	CHECKED	
	DRAWING	
	113	
DATE: MARCH 21, 64	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS	444 PITTOCK BLOCK PORTLAND, OREGON 97205
REVISIONS		TELEPHONE 257-1158

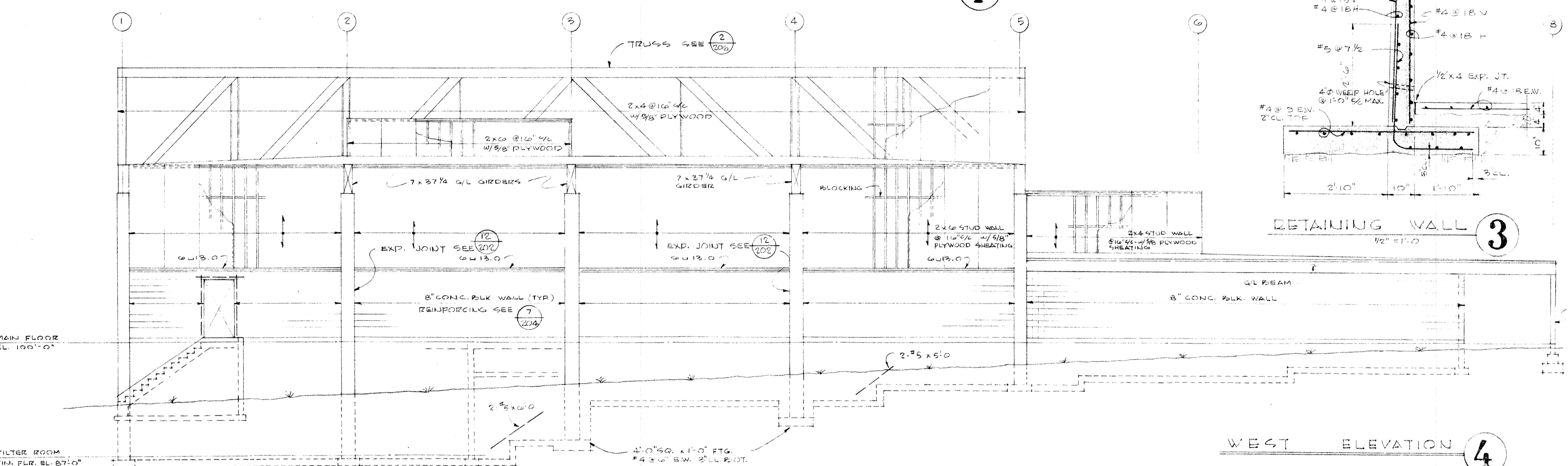


NORTH ELEVATION 1

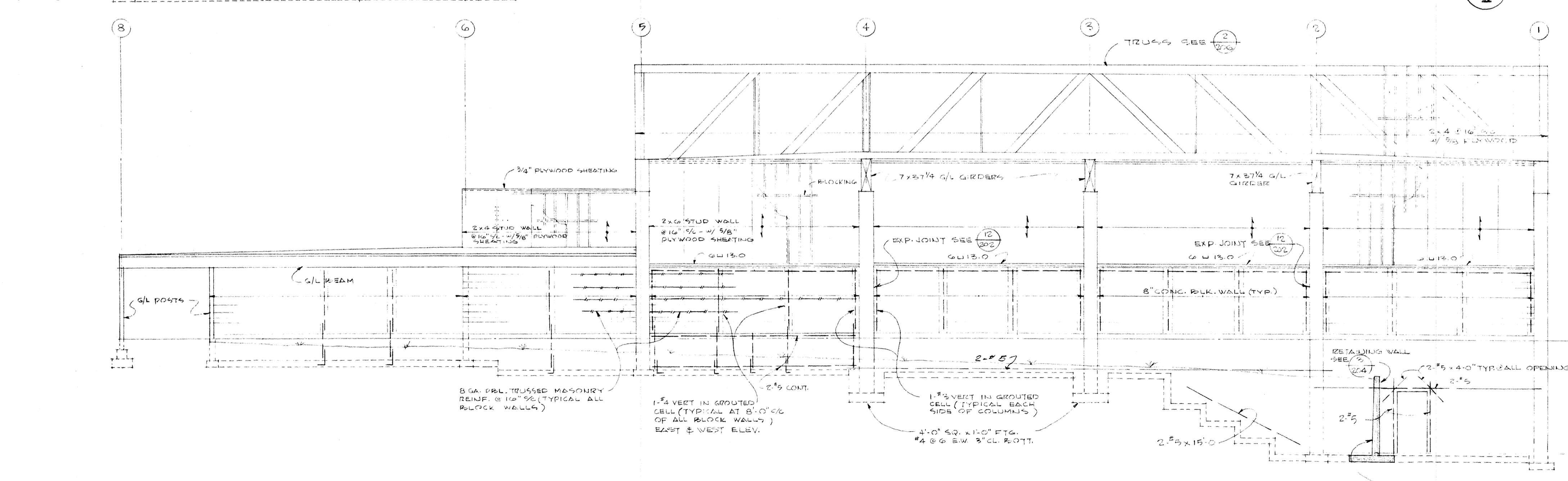
1-#3 VERT. IN GROUTED CELL (TYP. AT SIDES OF ALL COLUMNS THIS ELEV.)
 1-#2 VERT. IN GROUTED CELL (TYP. AT CENTER OF ALL BLOCK WALLS THIS ELEV.)



SOUTH ELEVATION 2



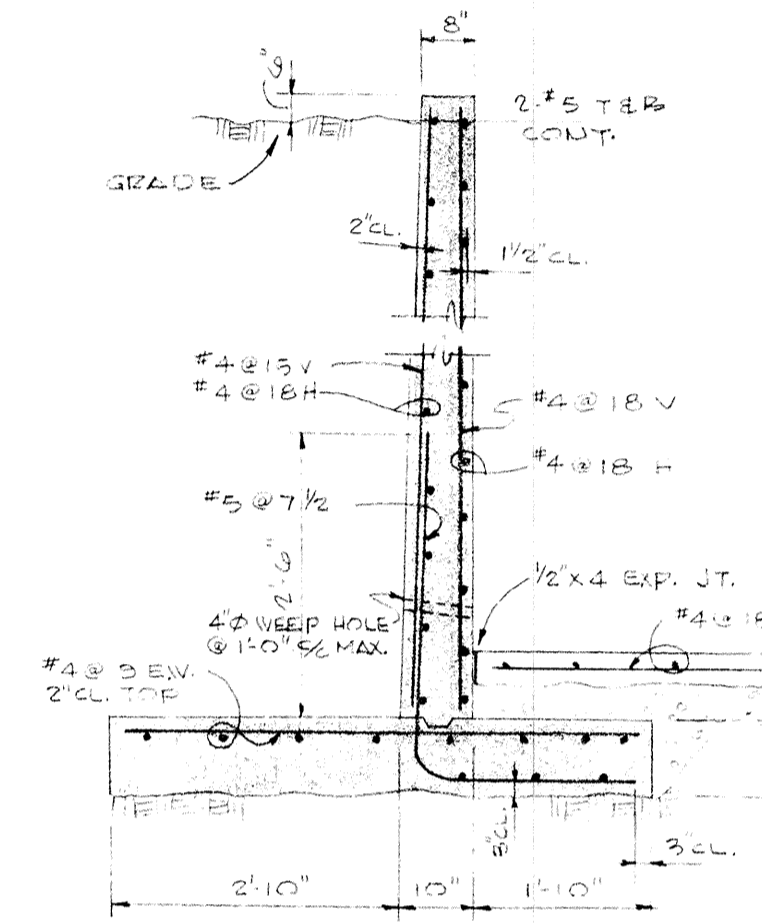
WEST ELEVATION 4



EAST ELEVATION 7

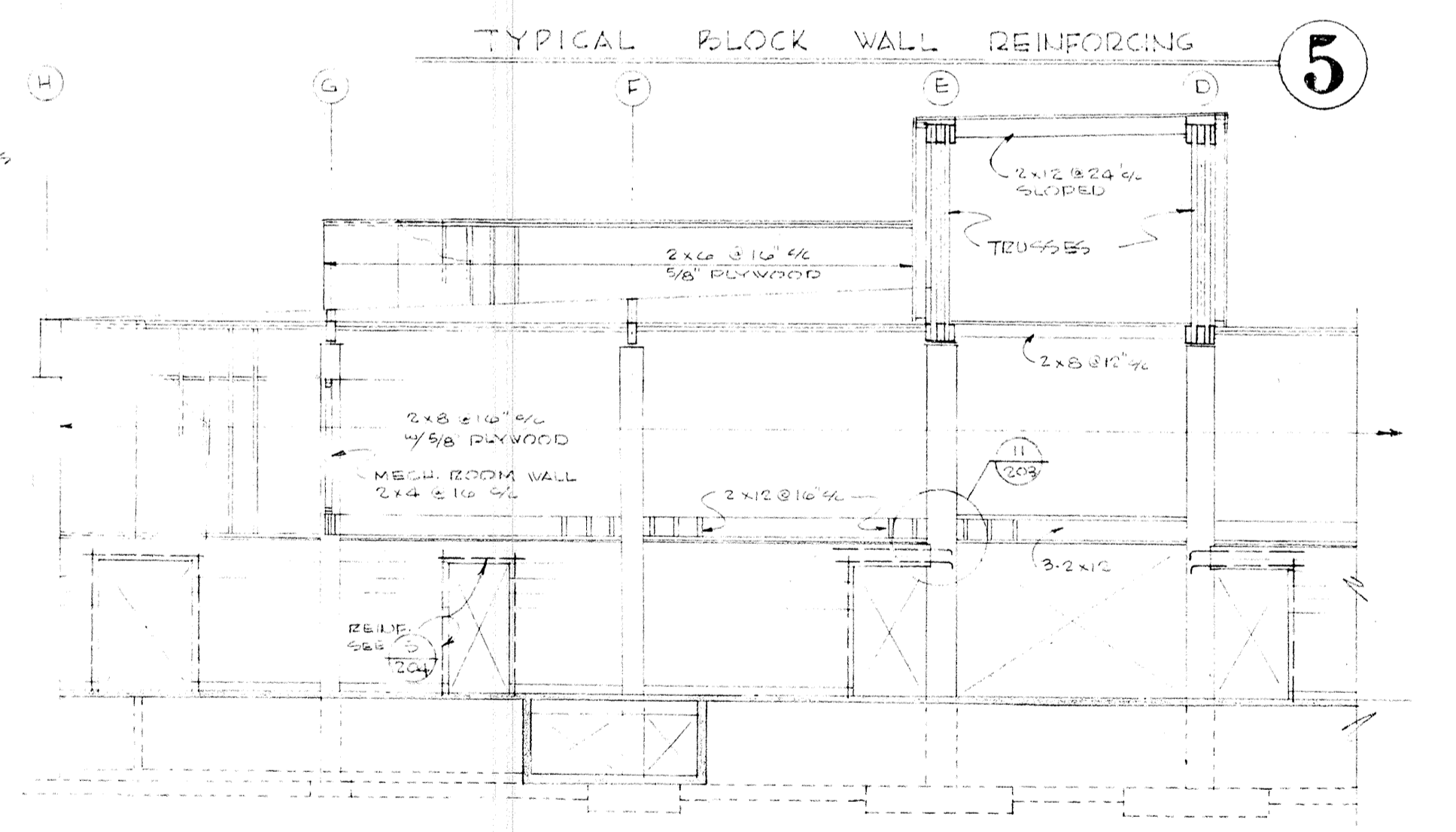
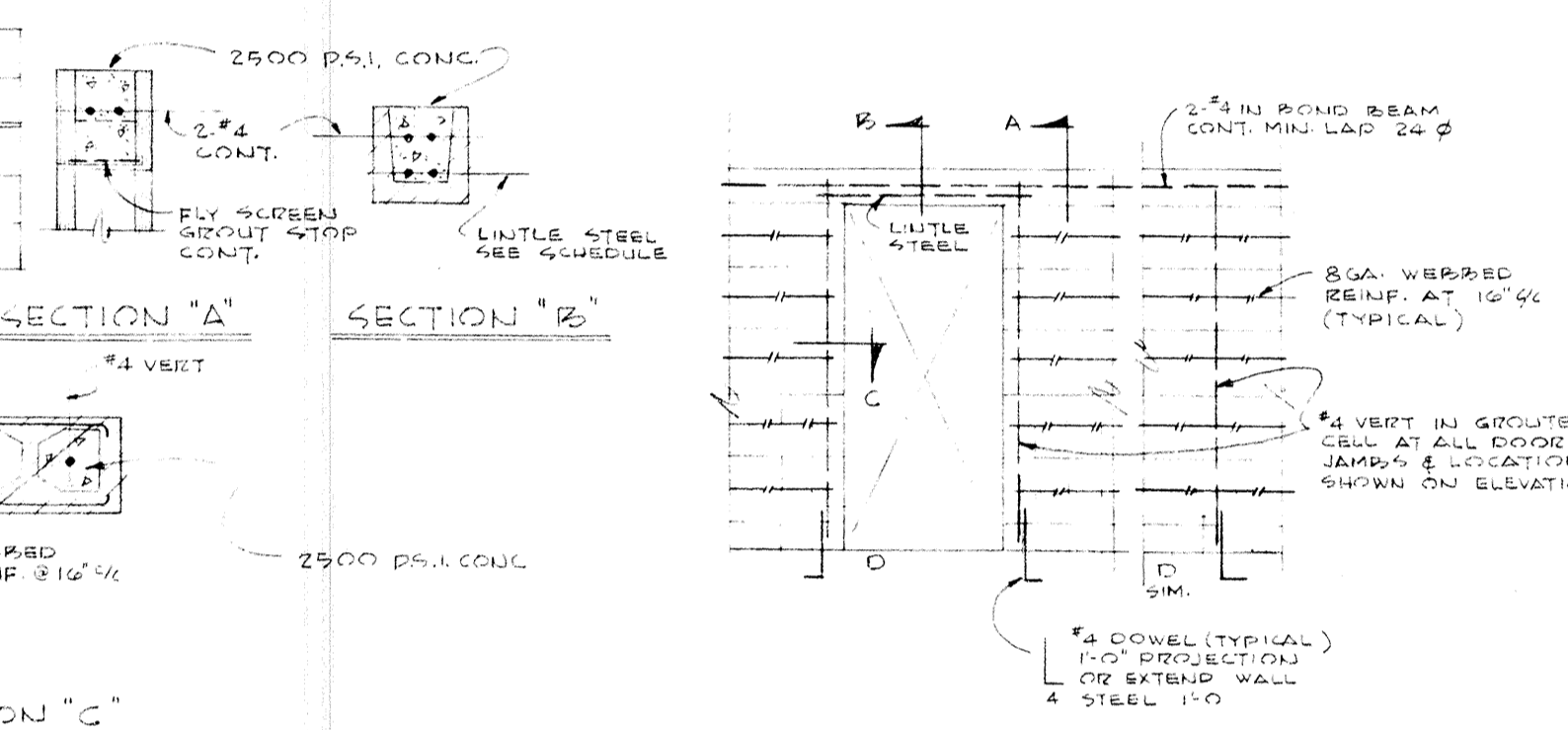
MAIN FLOOR EL. 100'-0"
 FILTER ROOM FIN. FLOOR EL. 87'-0"

8 GA. BRK. TRUSSED MESH REIN. @ 12" O.C. (TYPICAL ALL BLOCK WALLS)
 1-#3 VERT. IN GROUTED CELL (TYPICAL BLOCK SIDE OF COLUMNS)
 1-#2 VERT. IN GROUTED CELL (TYPICAL BACK SIDE OF COLUMNS)
 3'-0" x 3'-0" x 1'-0" FTG. #4 @ 6" BW. 3' CL. FOOT.

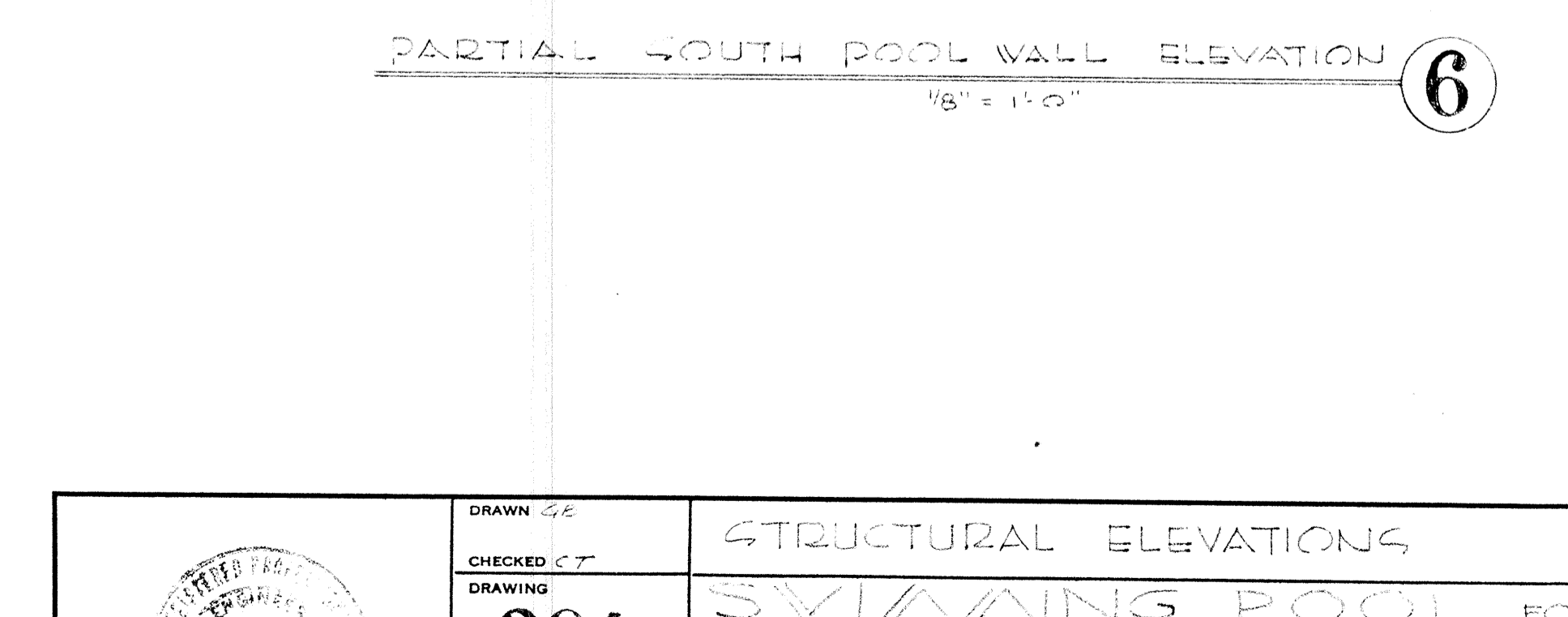


DETAILING WALL 3

LITTLE SCHEDULE	
SPACING WIDTH	REINFORCING
2'-0" TO 4'-0"	2-#5
TO 6'-0"	1-#4 @ 1'-5"
TO 8'-0"	2-#5

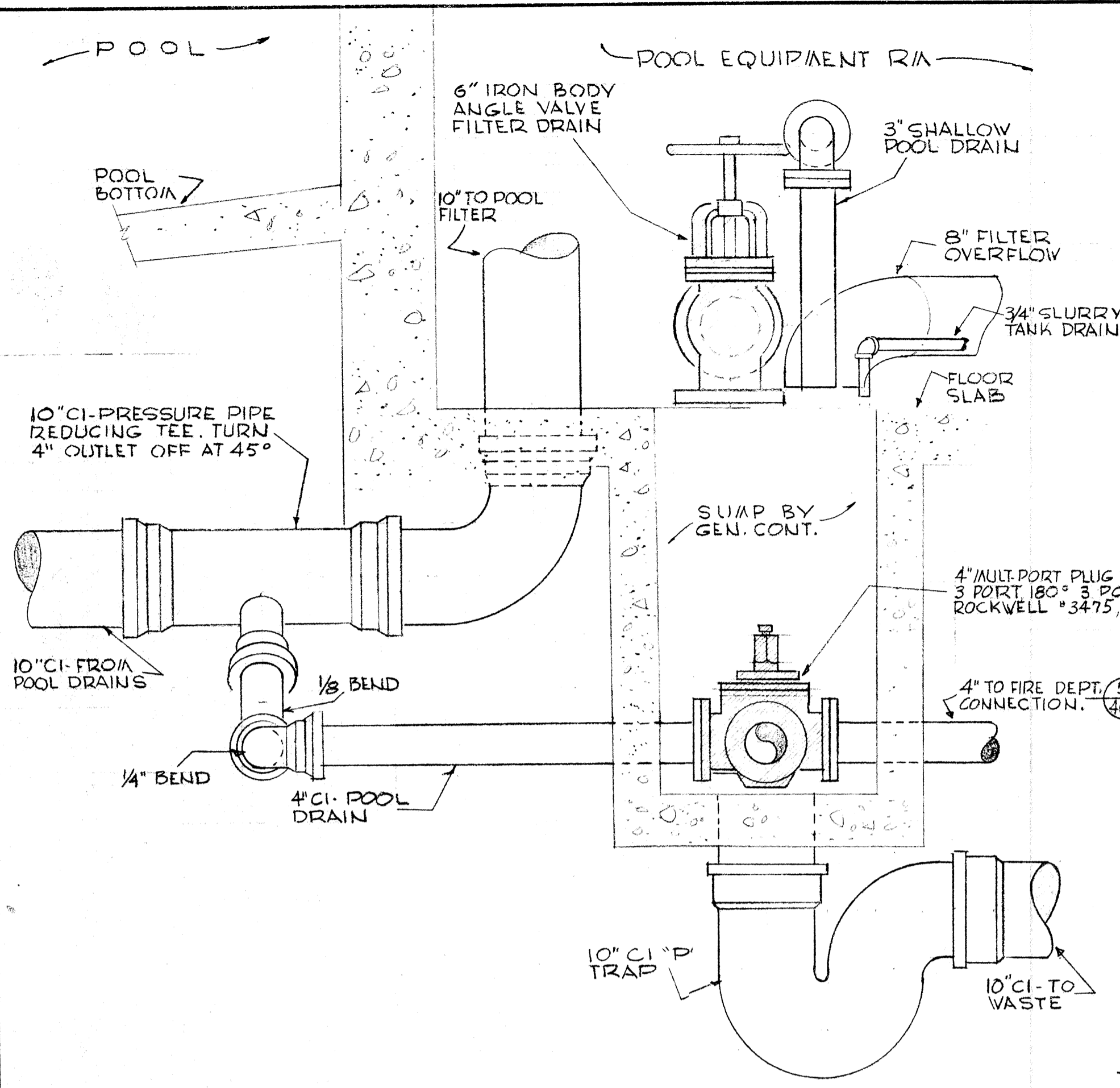


TYPICAL BLOCK WALL REINFORCING 5

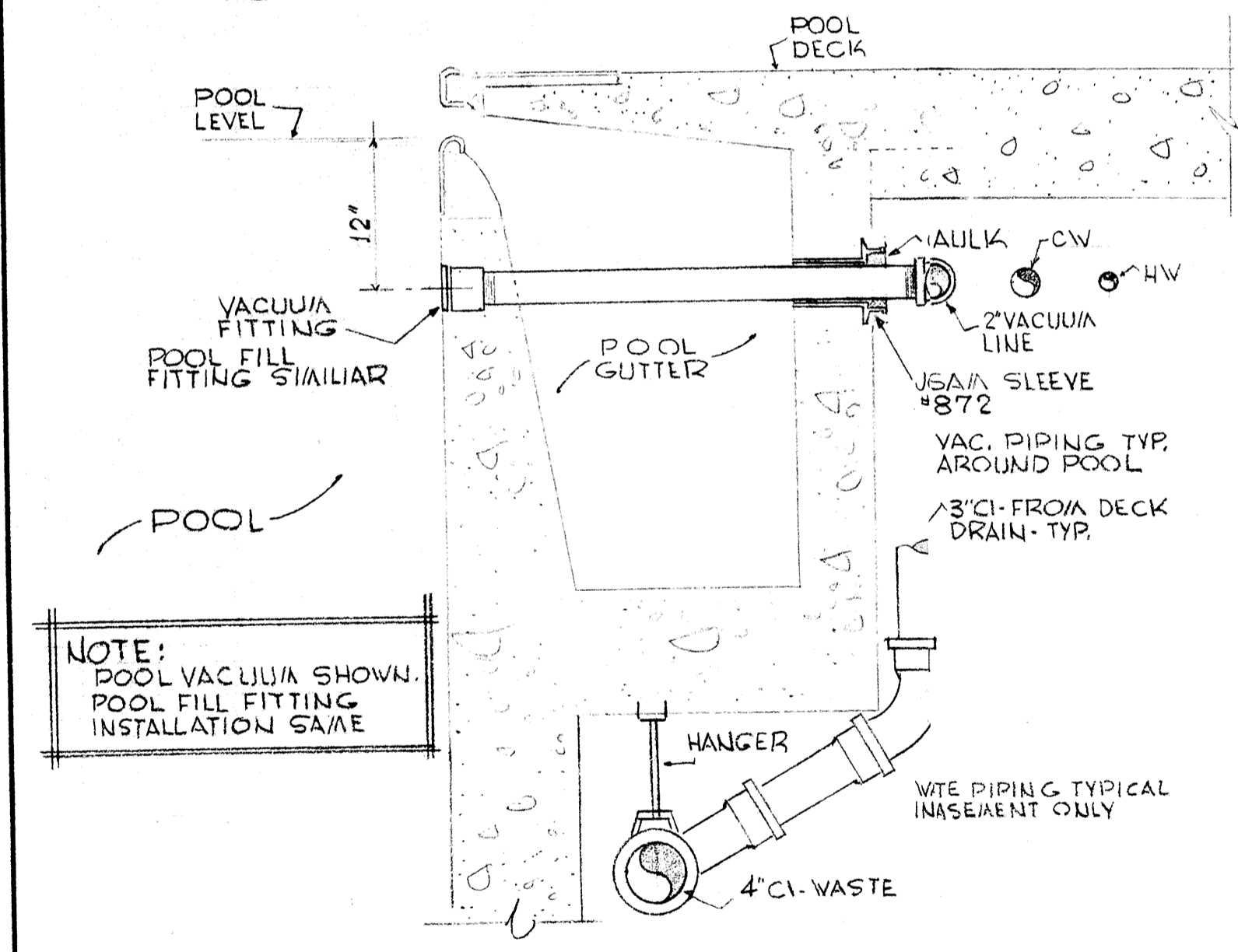


PARTIAL SOUTH POOL WALL ELEVATION 6

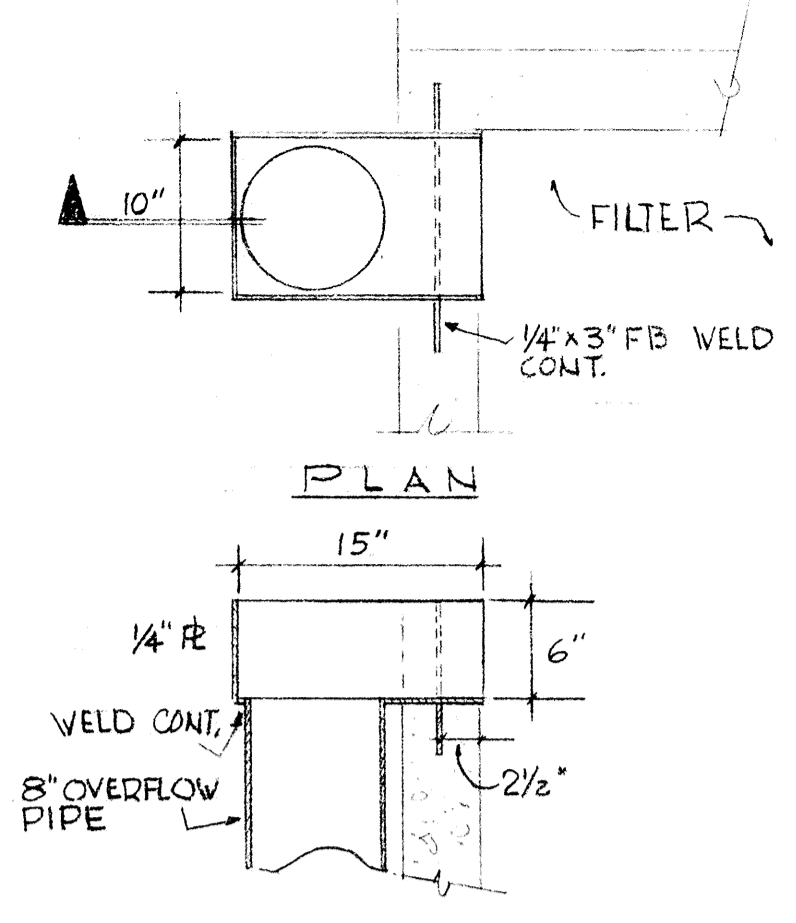
	DRAWN BY	STRUCTURAL ELEVATIONS
	CHECKED BY	SWIMMING POOL FOR
	DRAWING	204
	DATE	MARCH 21, 66
REVISIONS		EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS
		444 FITTICK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158



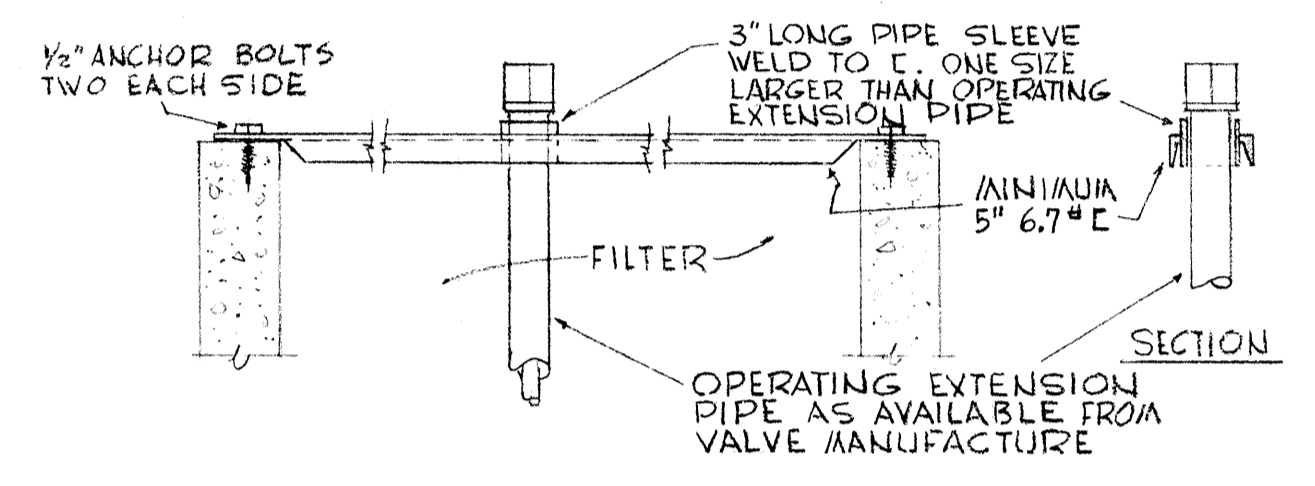
1 DETAIL AT SUMP SCALE 1"=1'-0"



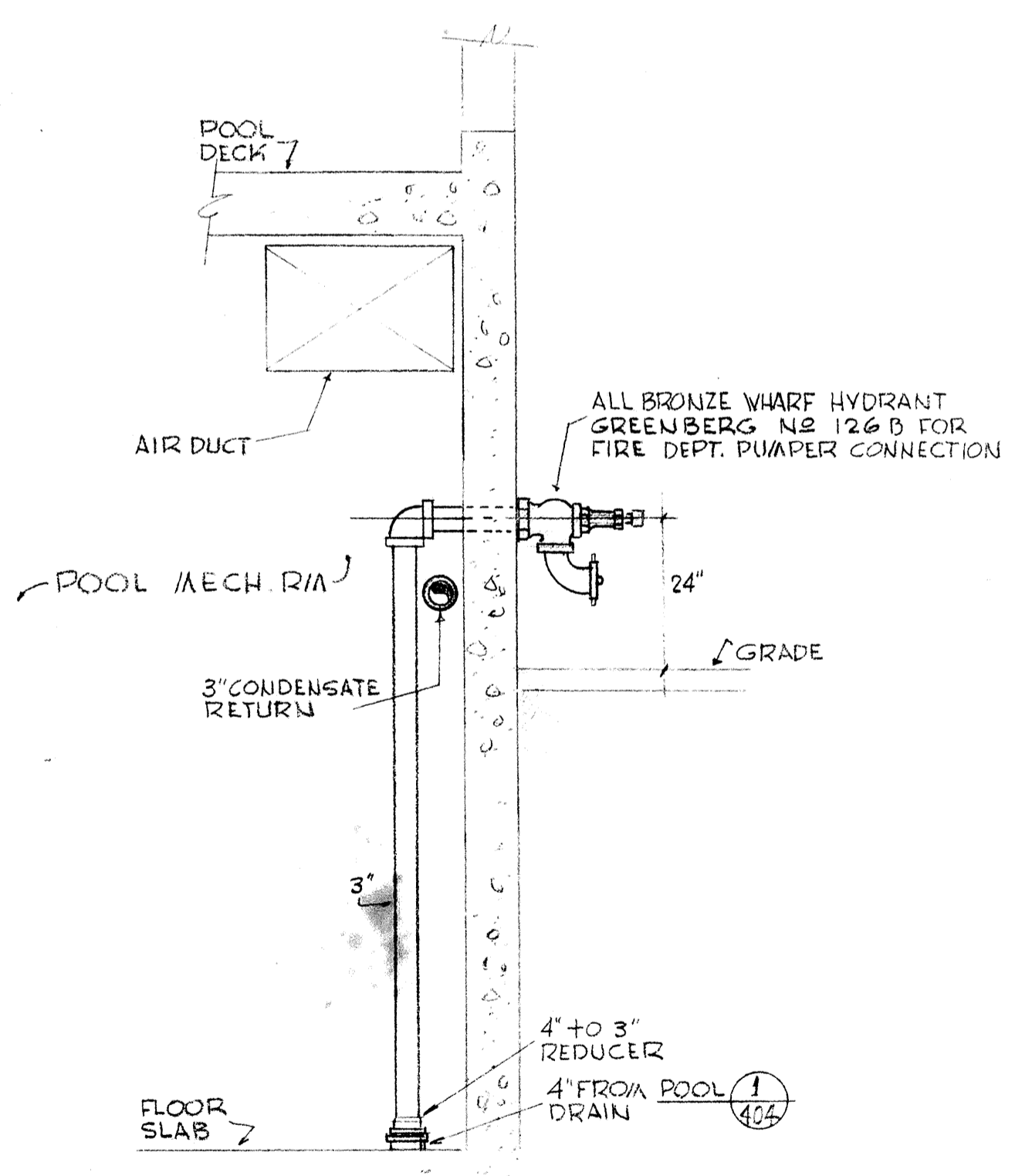
2 DETAIL SCALE 1"=1'-0"



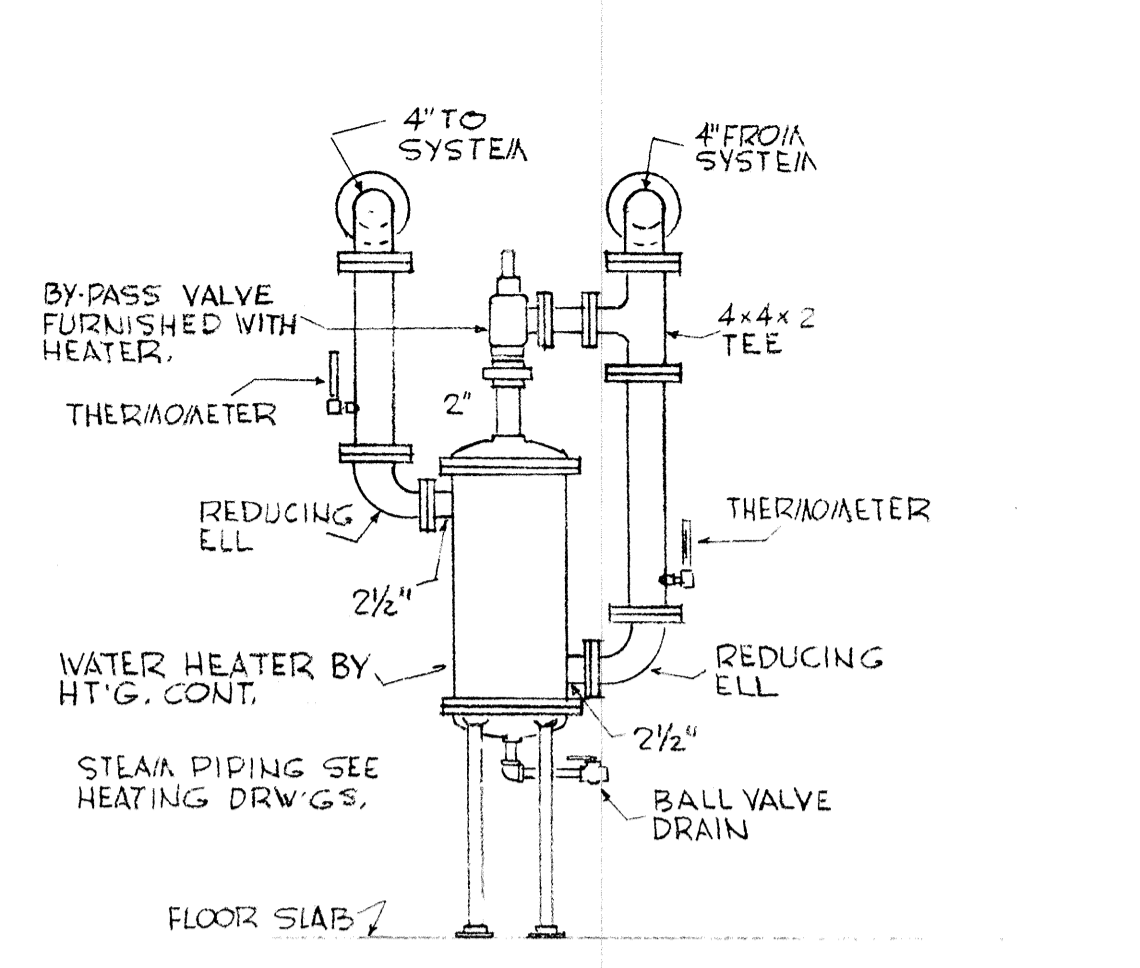
3 DETAIL FILTER OVERFLOW SCALE 1"=1'-0"



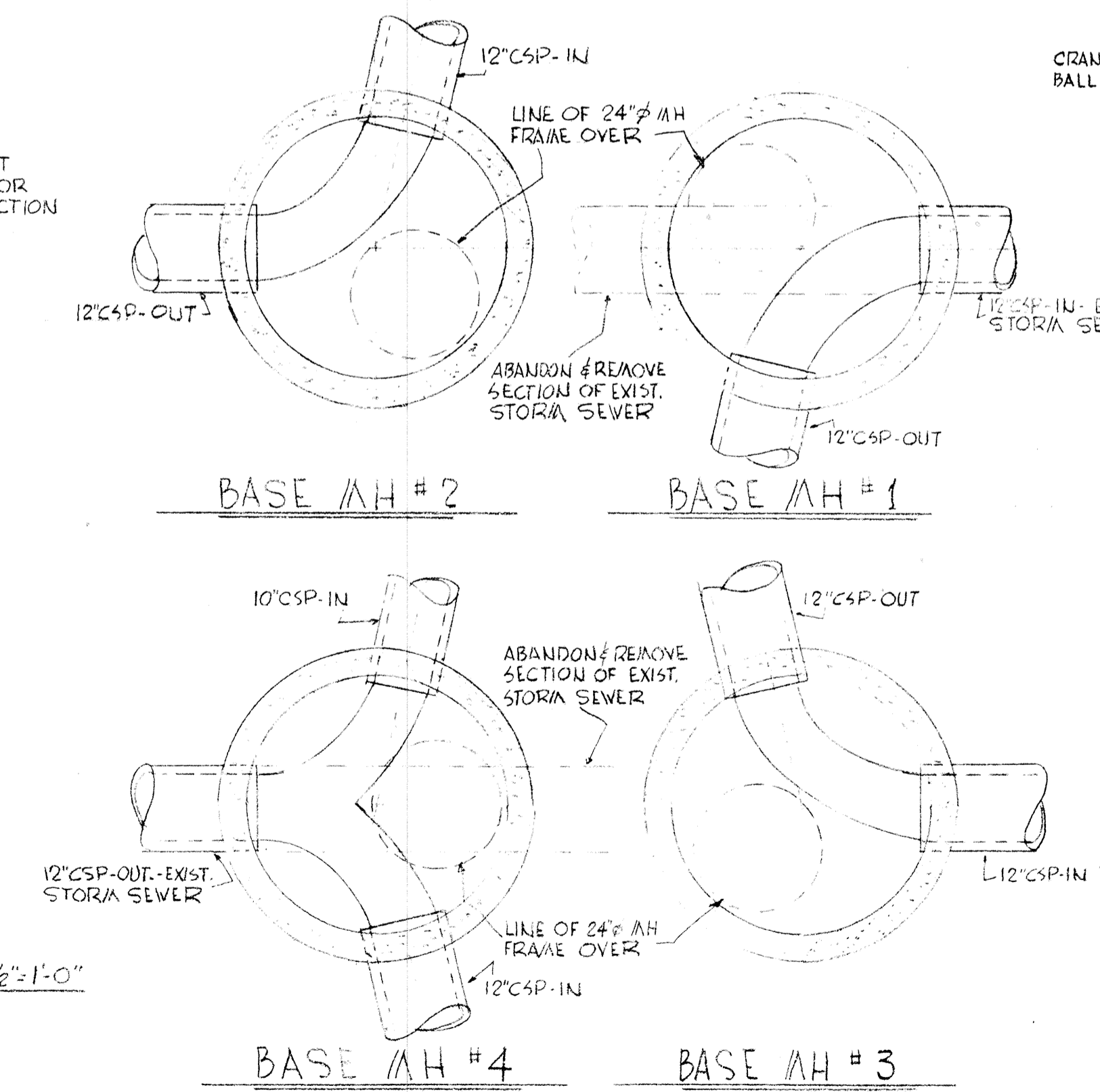
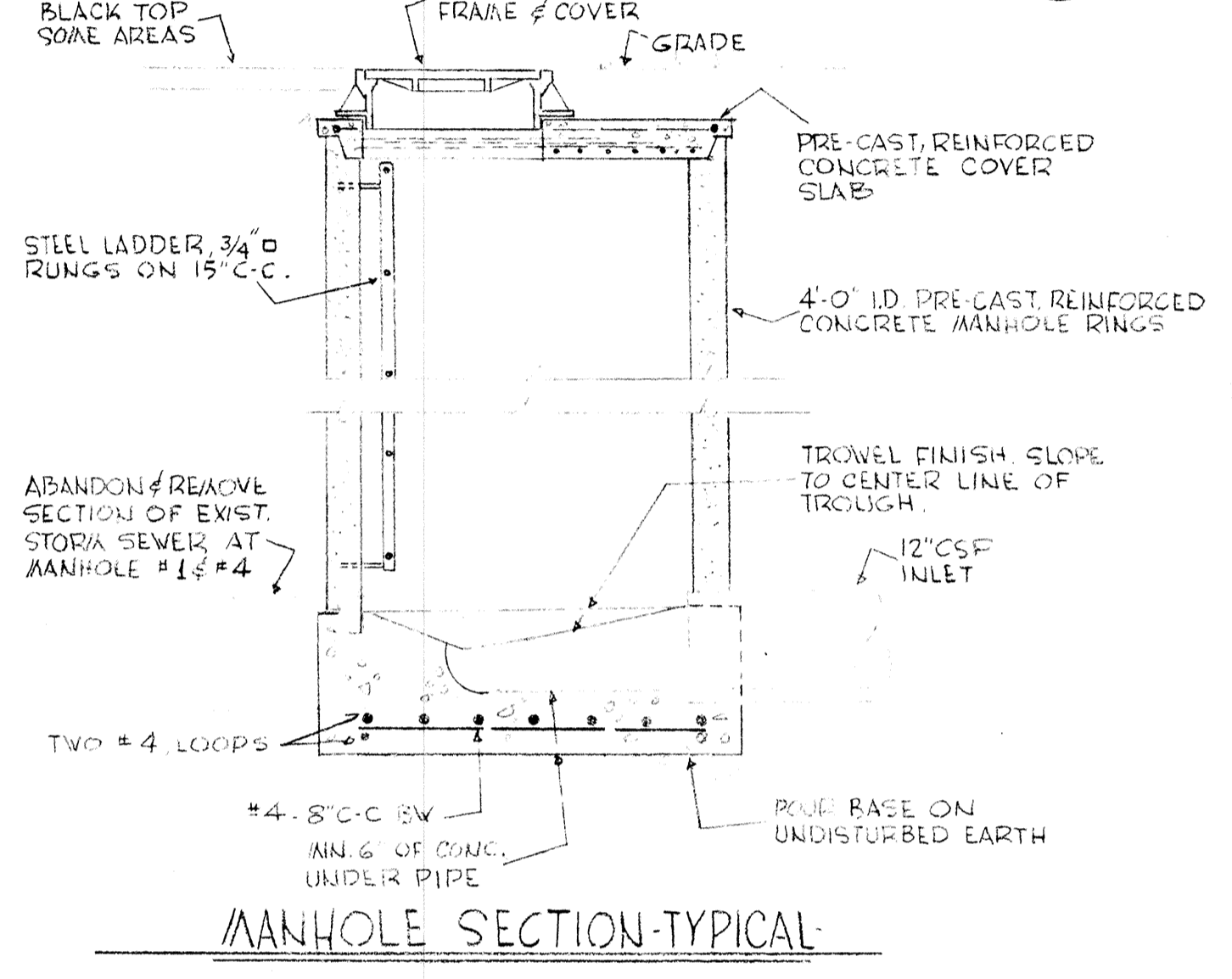
4 FILTER VALVE HIGH HEAD EXTENSION SCALE 1"=1'-0"



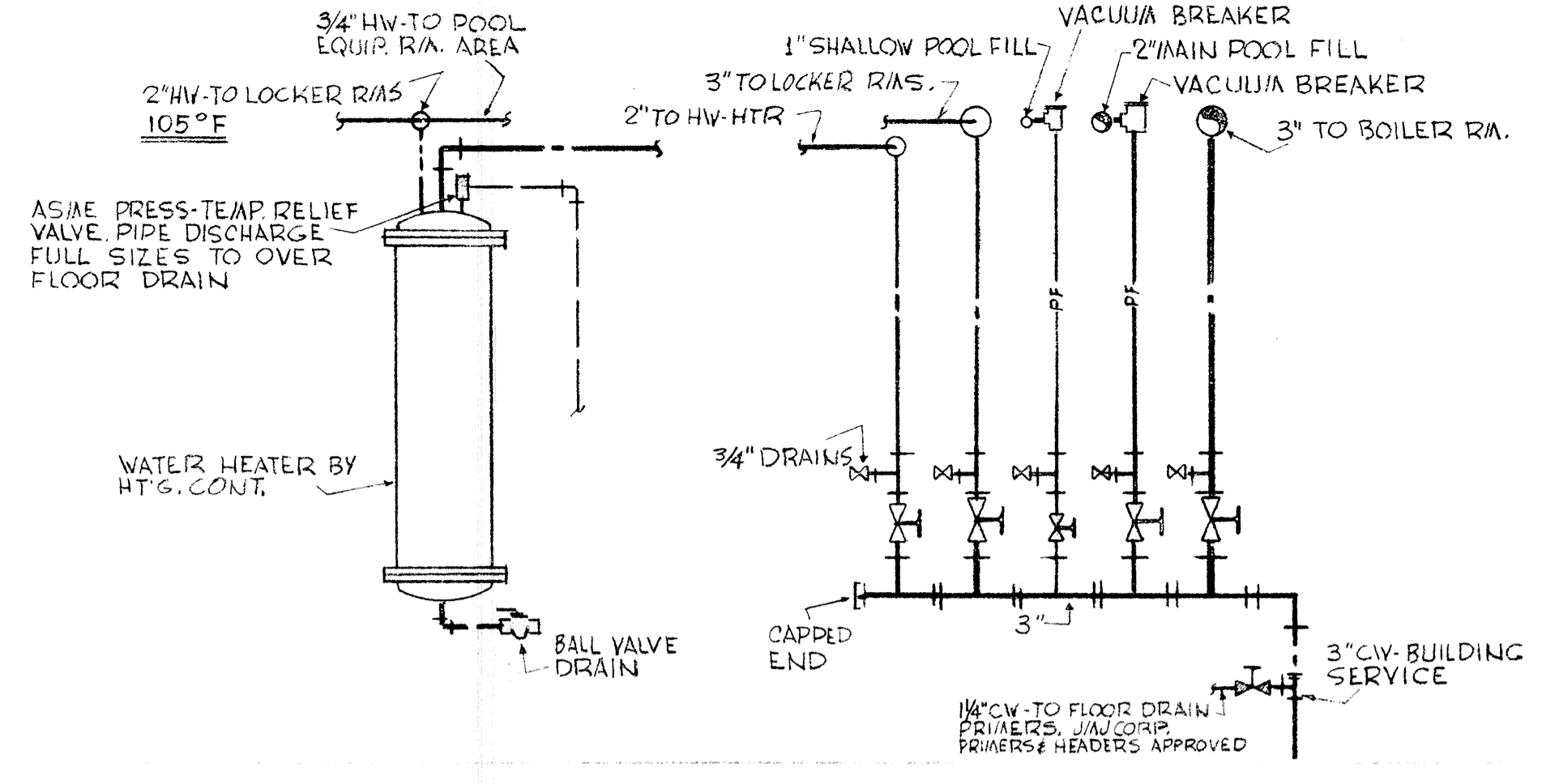
5 FIRE DEPARTMENT CONNECTION SCALE 1/2"=1'-0"



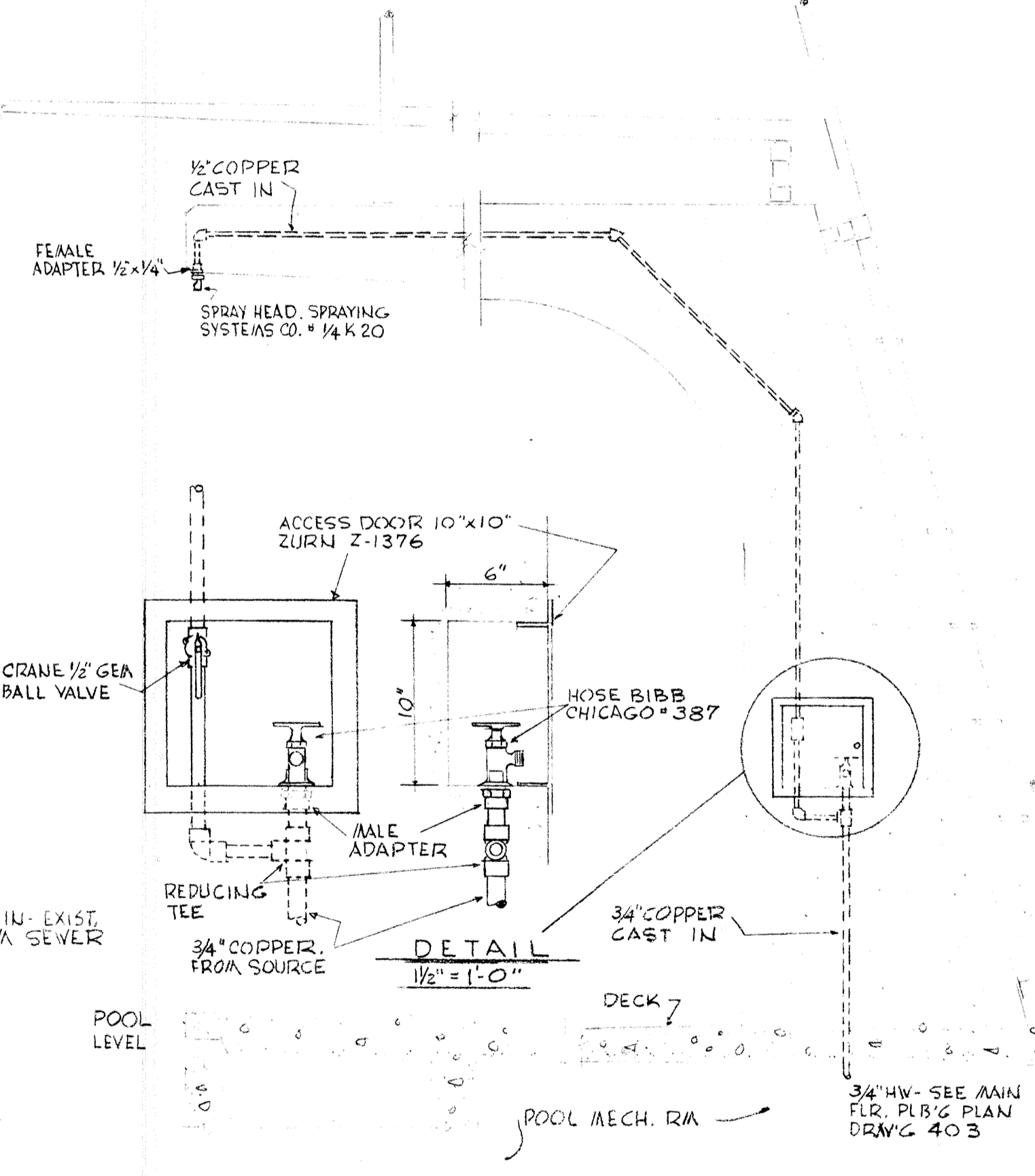
6 POOL WATER HEATER SCALE 1/2"=1'-0"



7 MANHOLE DETAILS SCALE 1/2"=1'-0"

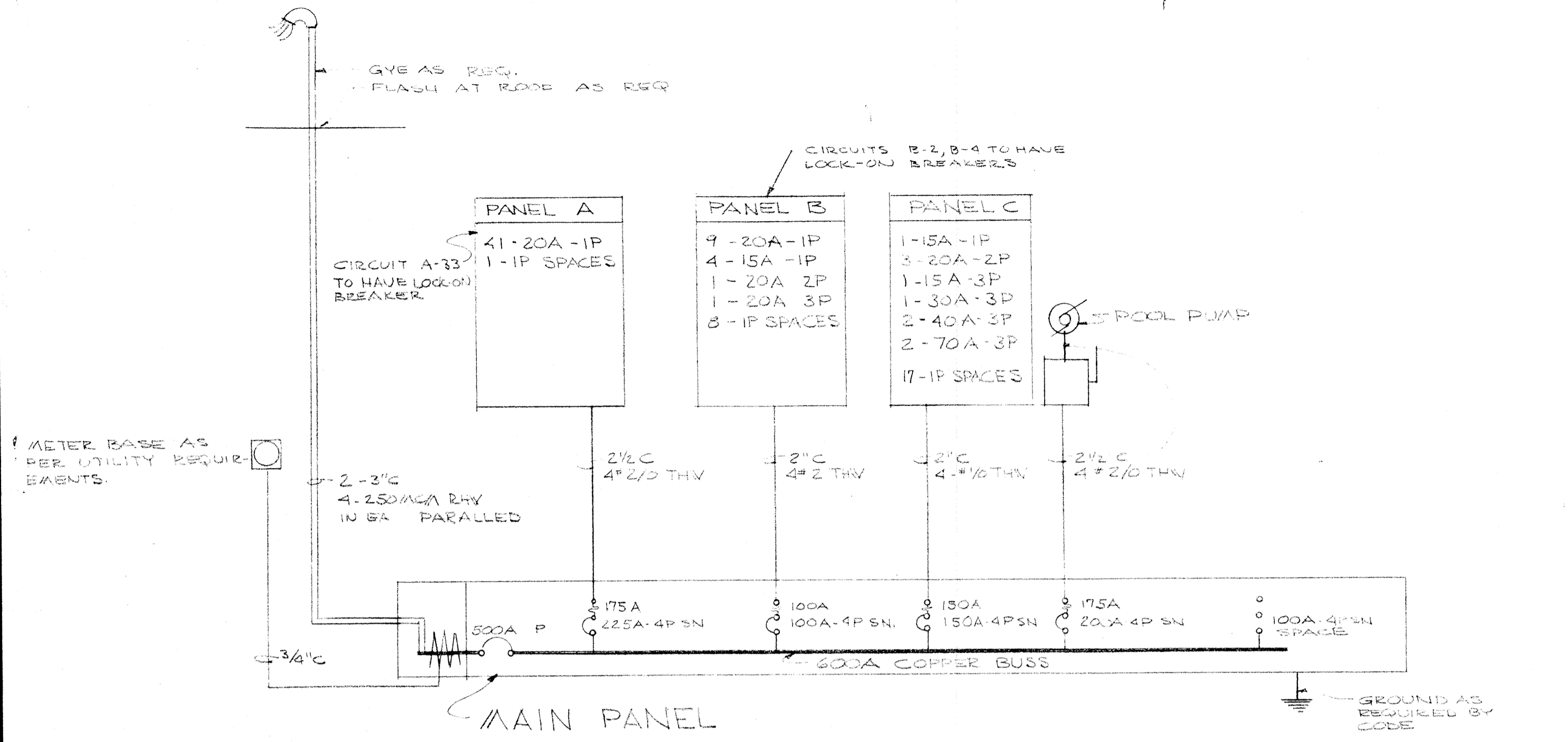


8 DOMESTIC WATER HEATER & COLD WATER HEADER DIAGRAMATIC



9 HOSE BIBB & SPRAY HEAD PIPING SCALE 3/4"=1'-0"

	DRAWN CHECKED DRAWING 404	PLUMBING DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLATSOP COUNTY
	DATE MARCH 21, 66 REVISIONS	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 FITTICK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158



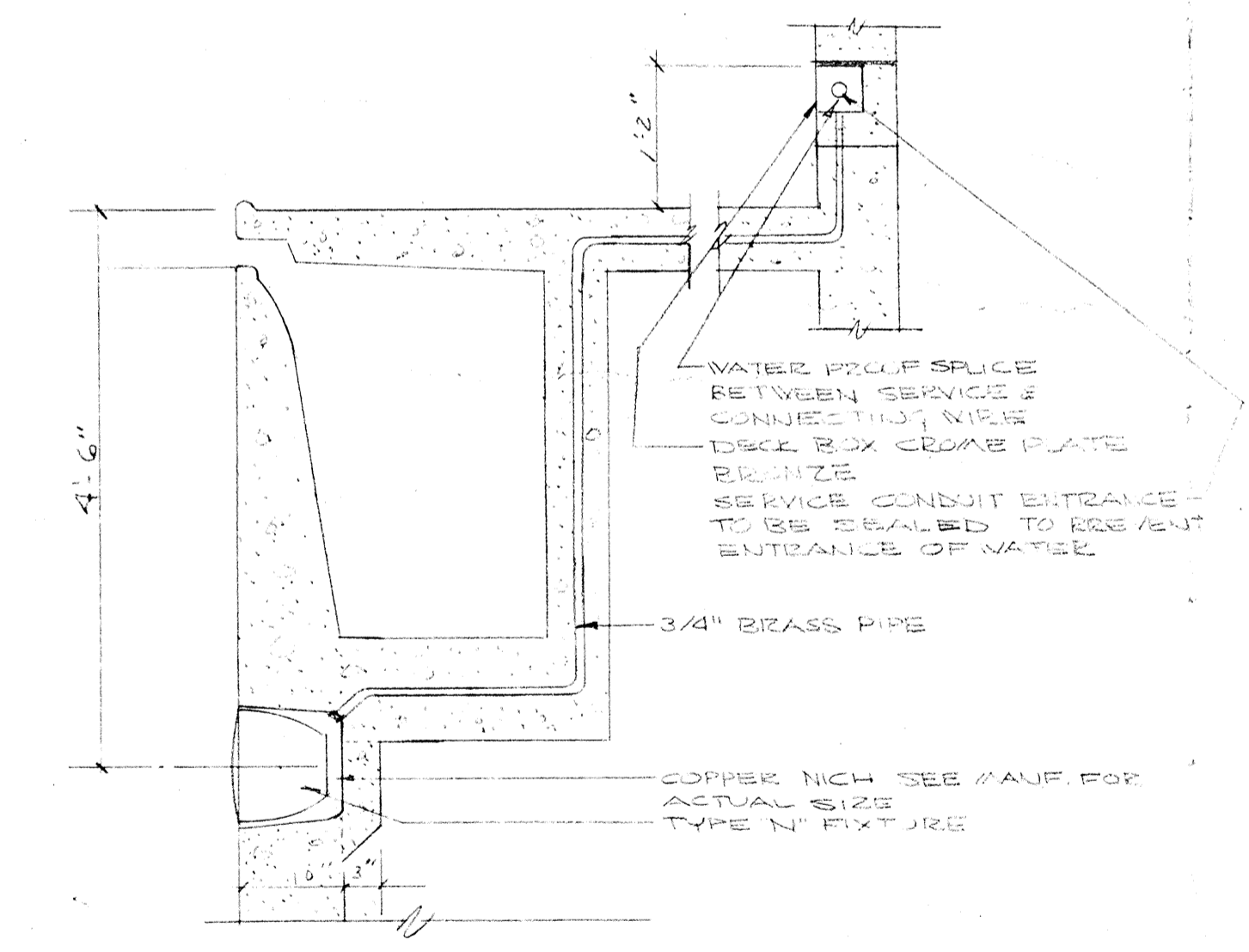
ONE LINE RISER DIAGRAM 120/208V-3Φ 4W SN WYE
NO SCALE

ELECTRICAL SYMBOLS

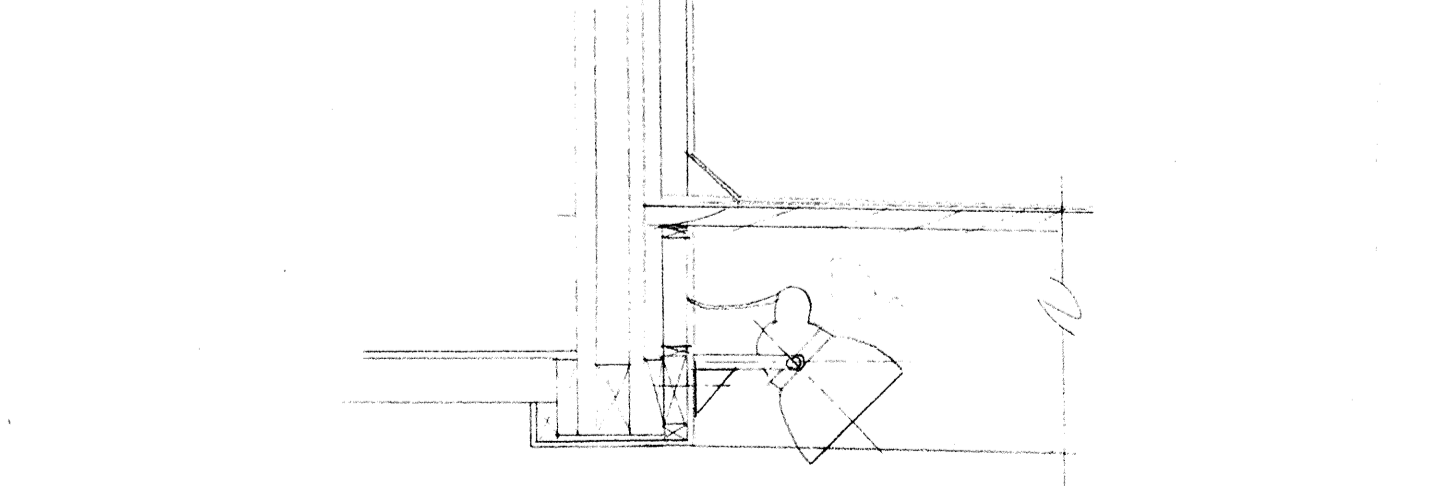
- FLUORESCENT FIXTURE
- CEILING LIGHT OUTLET
- BASKET LIGHT OUTLET
- RECESSED FIXTURE
- LIGHT OUTLETS ON PHOTO CELL
- ⊕ FLUSH SWITCHES
- ⊕ SWITCH WITH REDOUTLIGHT
- ⊕ DUPLEX RECEPTACLE GROUNDING TYPE
- ⊕ WP WEATHER PROOF GROUNDING DUPLEX RECEPTACLE
- ⊕ SPECIAL OUTLET AS NOTED
- ⊕ JUNCTION BOX
- ⊕ WALL TELEPHONE OUTLET
- ⊕ MAGNETIC STARTER
- ⊕ MOTOR OUTLET
- ⊕ DISCONNECT SWITCH
- ⊕ PROGRAM HORN
- ⊕ CLOCK OUTLET
- ⊕ PROGRAM BUZZER
- ⊕ MICROPHONE
- ⊕ BRANCH PANEL
- ⊕ MAIN PANEL
- BRANCH CIRCUIT IN CEILING OR WALL
- BRANCH CIRCUIT IN OR UNDER FLOOR
- HOME RUN TO PANEL

EQUIPMENT CONNECTION SCHEDULE

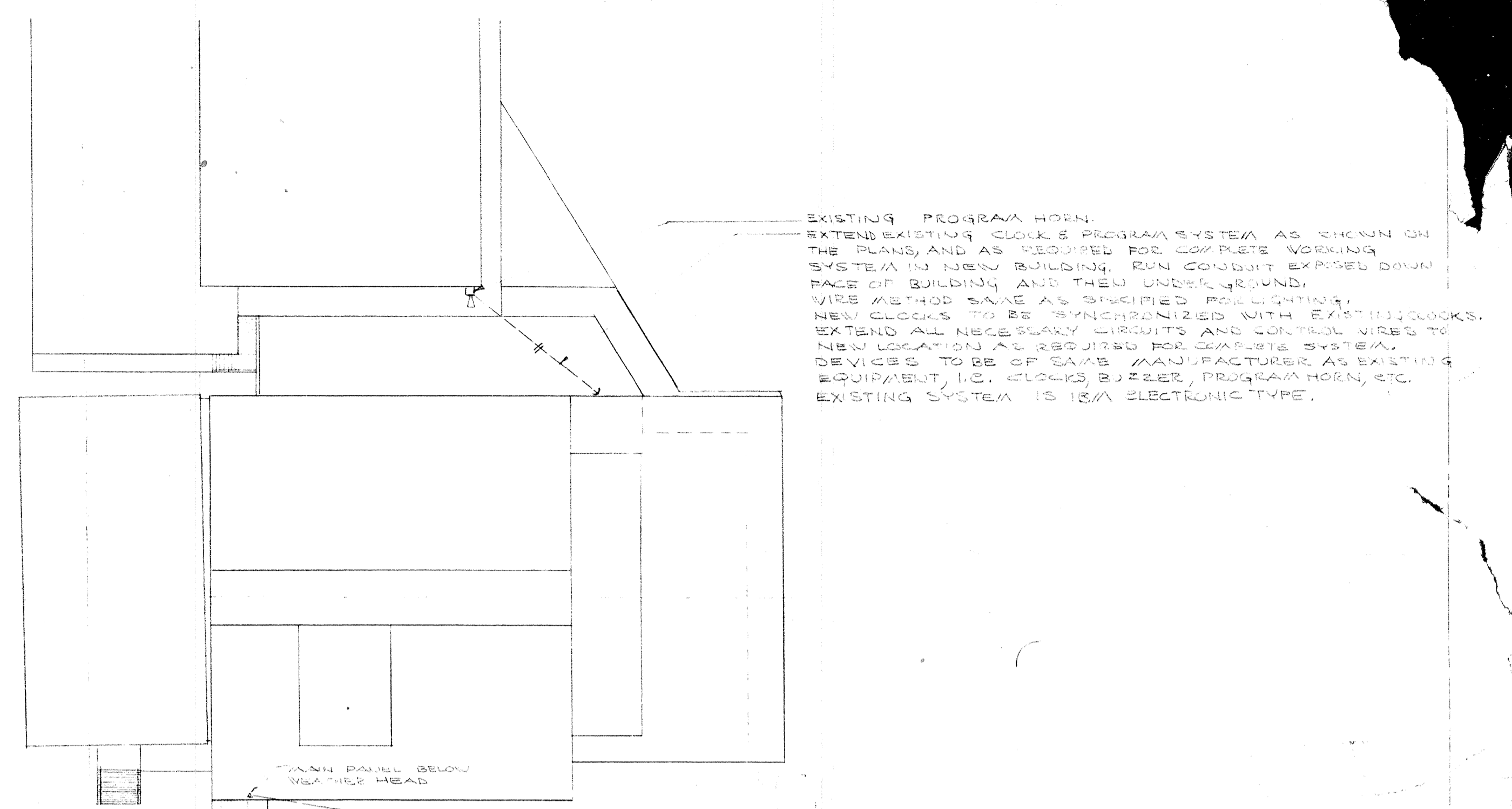
NO	NAME & LOCATION	LOAD	VOLTA	BREAKER	REMARKS
1	TOILET ROOM EXHAUST FAN	1/4 HP	120V 1Φ	15A 1P	CONTROLLED BY SWITCH WITH PILOT LIGHT IN OFFICE NO 18
2	TOILET ROOM EXHAUST FAN	3/4 HP	208V 1Φ	20A 2P	CONTROLLED BY SWITCH WITH PILOT LIGHT IN OFFICE NO 5
3	SHOWER EXHAUST FAN	3/4 HP	208V 3Φ	15A 3P	INTERLOCK WITH LOCKER SUPPLY UNIT CONTROLS BY MECH. CONTRACTOR
4	SHOWER EXHAUST FAN	3/4 HP	208V 3Φ	15A 3P	
5	LOCKER ROOM SUPPLY UNIT	3 HP	208V 3Φ	30A 3P	CONTROLS BY MECH. CONTRACTOR
6	POOL SUPPLY UNIT	7.5 HP	208V 3Φ	70A 3P	CONTROLS BY ASCH. CONT. INTERLOCKED WITH POOL 2 SPEED EXHAUST FAN MOTORS
7	POOL SUPPLY UNIT	7.5 HP	208V 3Φ	70A 3P	
8	POOL EXHAUST UNIT	5 HP	208V 3Φ	40A 3P	
9	POOL EXHAUST UNIT	5 HP	208V 3Φ	40A 3P	
10	VACUUM PUMP	1.5 HP	208V 3Φ	15A 3P	
11	BOOSTER PUMP	1.5 HP	208V 3Φ	15A 3P	
12	POOL PUMP	20 HP	208V 3Φ	175A 3P	BREAKER AT MAIN PANEL
13	SLURRY FEEDER	110V 12 500	20A 1P	SWITCH & CONV. OUTLET	
14	SLURRY MIXER	110V 12 500	20A 1P	SWITCH & CONV. OUTLET	
15	LOCKER ROOM SUPPLY UNIT	1 HP	208V 3Φ	15A 3P	CONTROLS BY ASCH. NOT IN CONTRACT
16	LOCKER ROOM EXHAUST	1 HP	208V 3Φ	15A 3P	NOT IN CONTRACT
17	OIL PREHEAT	3 KW	208V 3Φ	20A 3P	
18	OIL BURNER MOTOR	2 HP	208V 3Φ	20A 3P	
19	CONDENSATE RETURN PUMP	1.5 HP	208V 3Φ	15A 3P	



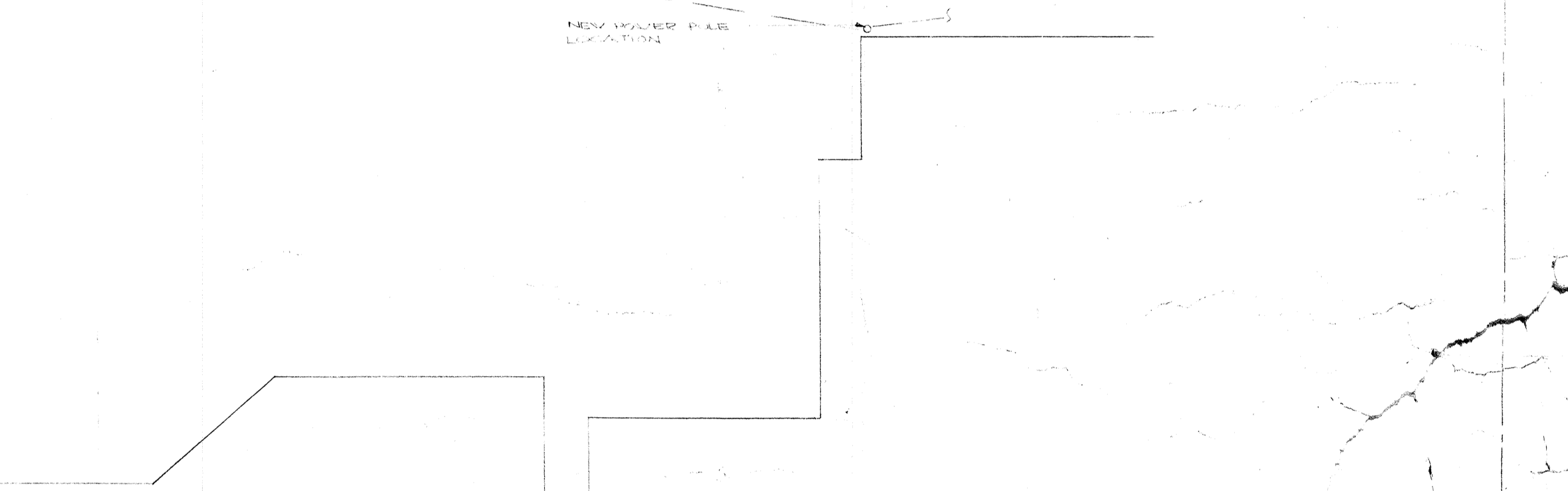
1 UNDER WATER LIGHT
SCALE 3/8" = 1'-0"



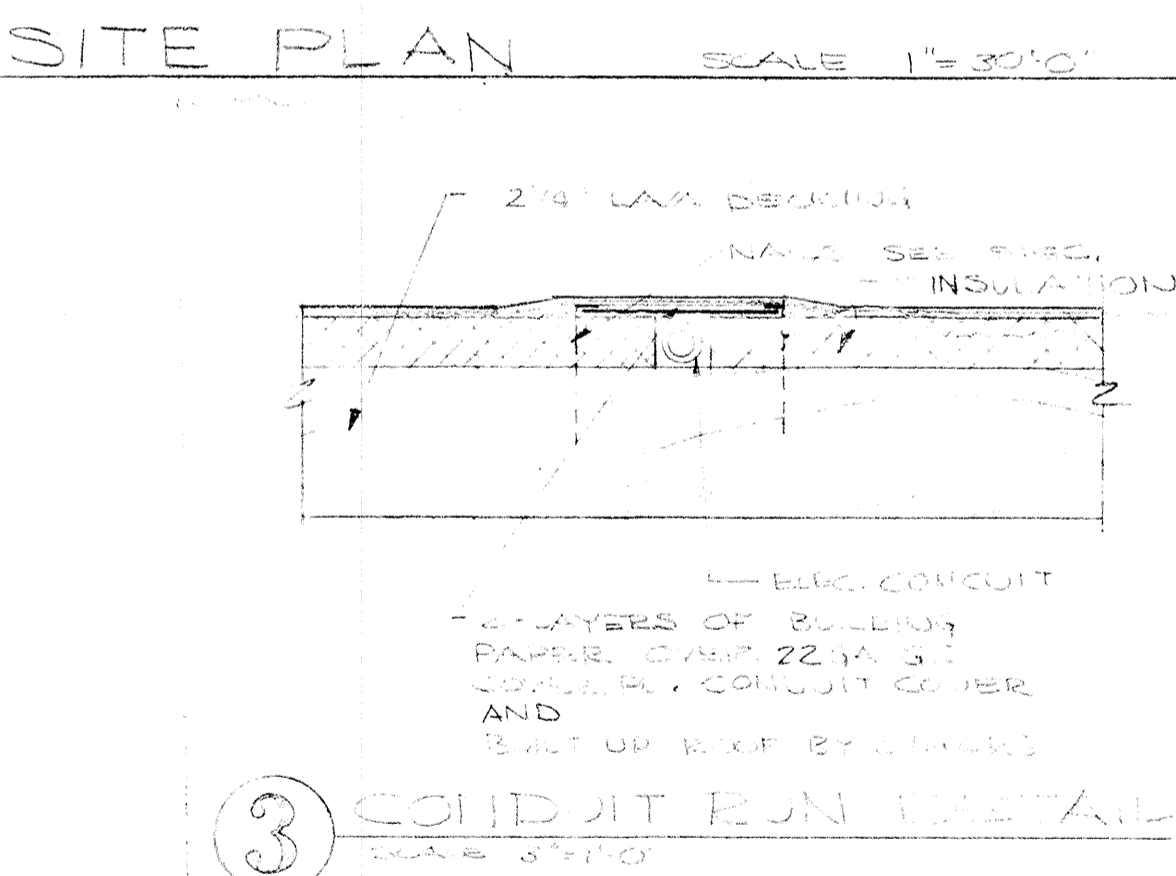
2 MOUNTING OF LIGHT TYPE 'B' ON TRUSS
SCALE 3/8" = 1'-0"



3 CONDUIT RUN DETAIL
SCALE 3/8" = 1'-0"



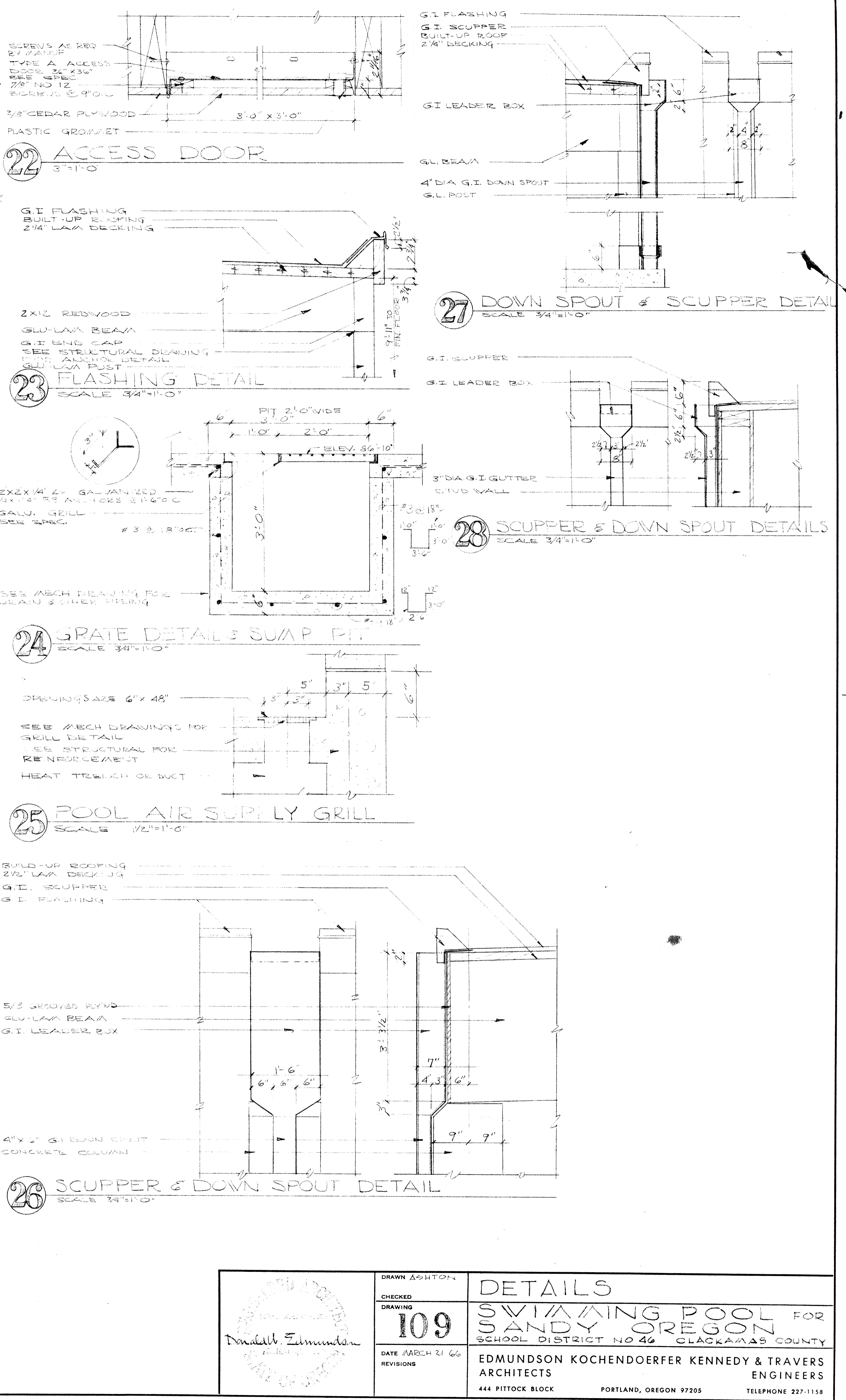
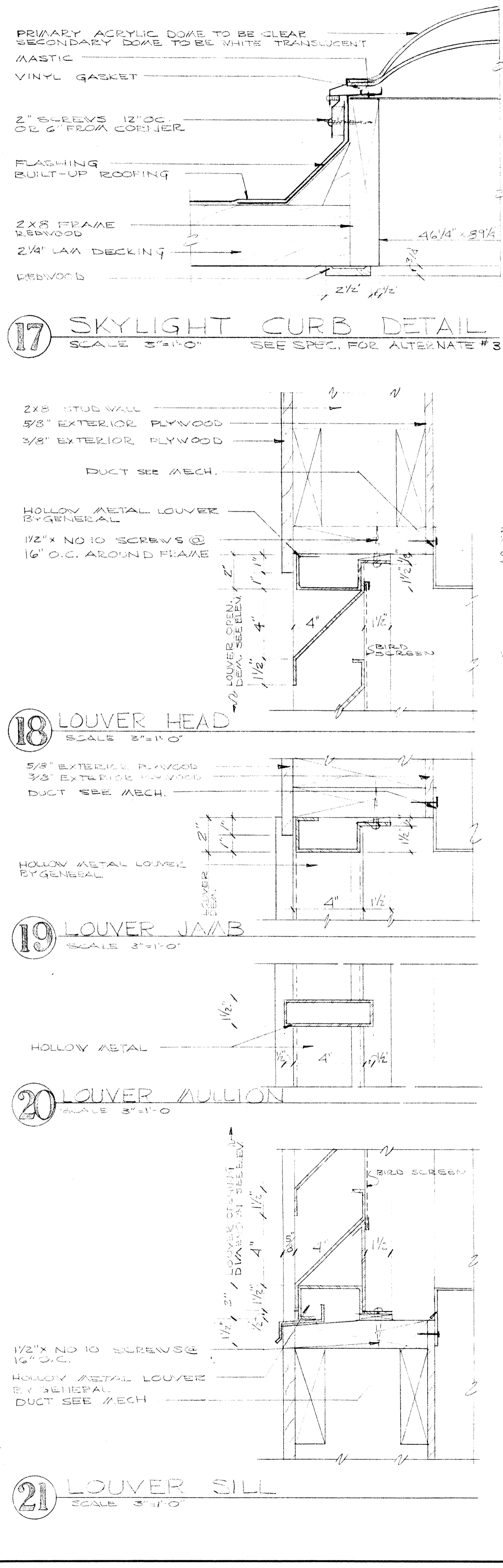
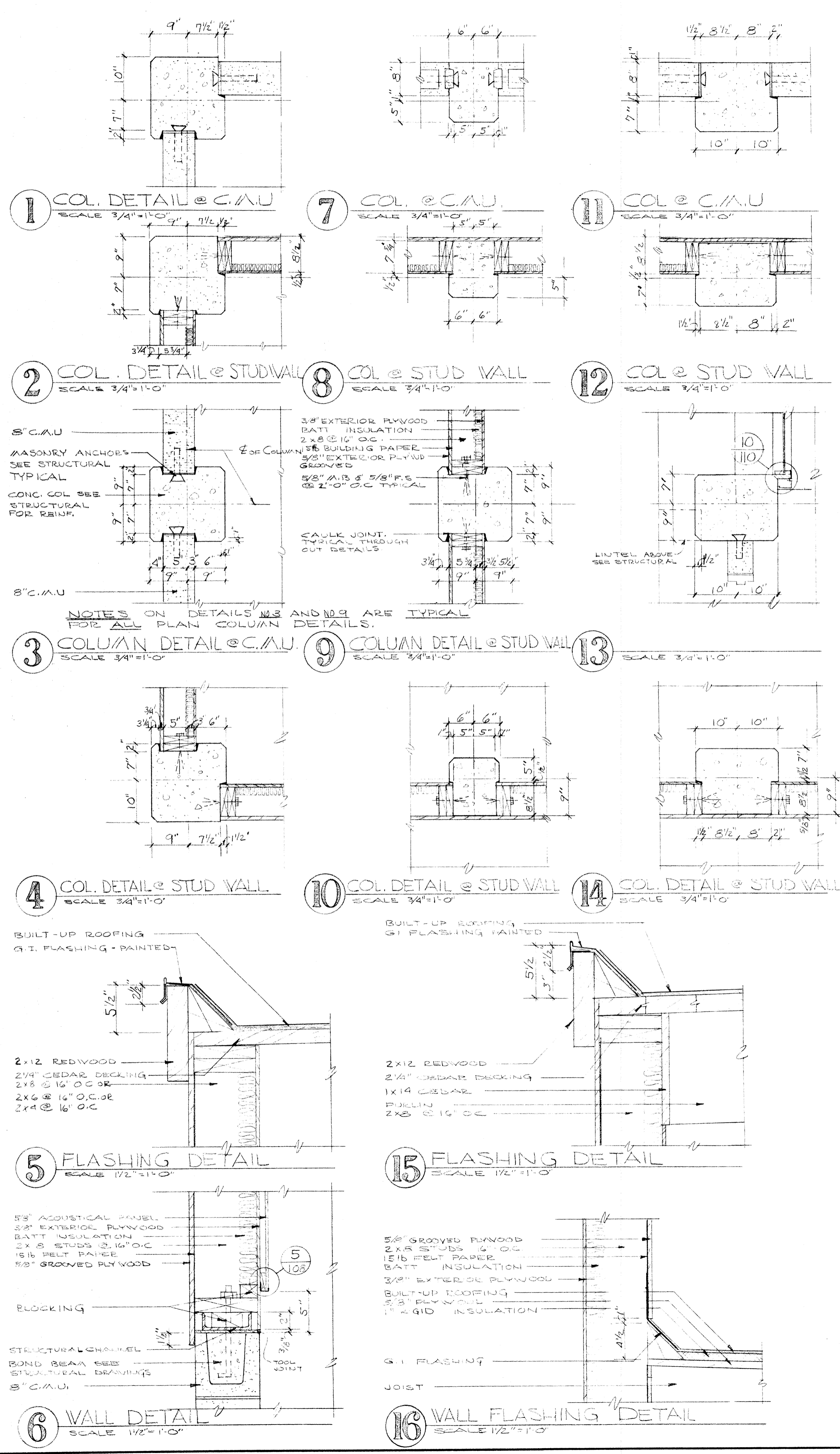
4 PHOTO CELL DETAIL
NO SCALE



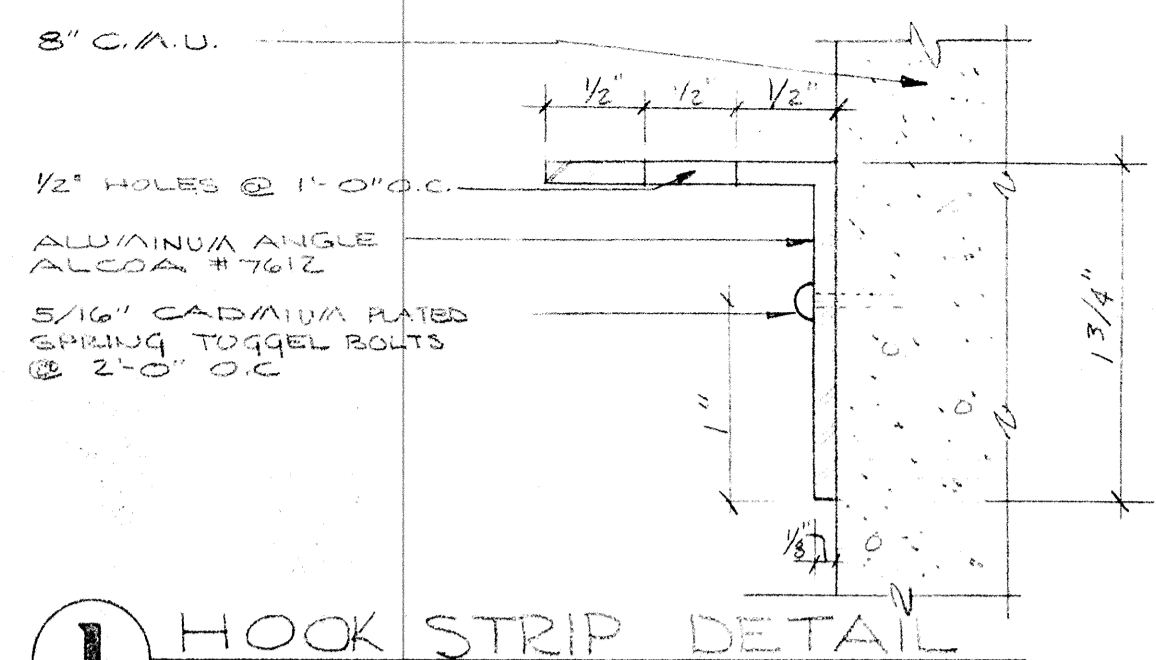
5 SITE PLAN
SCALE 1" = 30'-0"

EXISTING PROGRAM HORN:
EXTEND EXISTING CLOCK & PROGRAM SYSTEM AS SHOWN ON THE PLANS AND AS REQUIRED FOR COPPERTS WORKING SYSTEM TO NEW BUILDING RUN CONDUIT EXPOSED DOWN FACE OF BUILDING AND THEN UNDERGROUND. WIRE METHOD SAME AS SPECIFIED FOR EXISTING. NEW CLOCKS TO BE SYNCHRONIZED WITH EXISTING CLOCKS. EXTEND ALL NECESSARY CIRCUITS AND CONTROL WIRES TO NEW LOCATION AS REQUIRED FOR COMPLETE SYSTEM. DEVICES TO BE OF SAME MANUFACTURER AS EXISTING EQUIPMENT, I.E. CLOCKS BUZZER, PROGRAM HORN, ETC. EXISTING SYSTEM IS 15A ELECTRONIC TYPE.

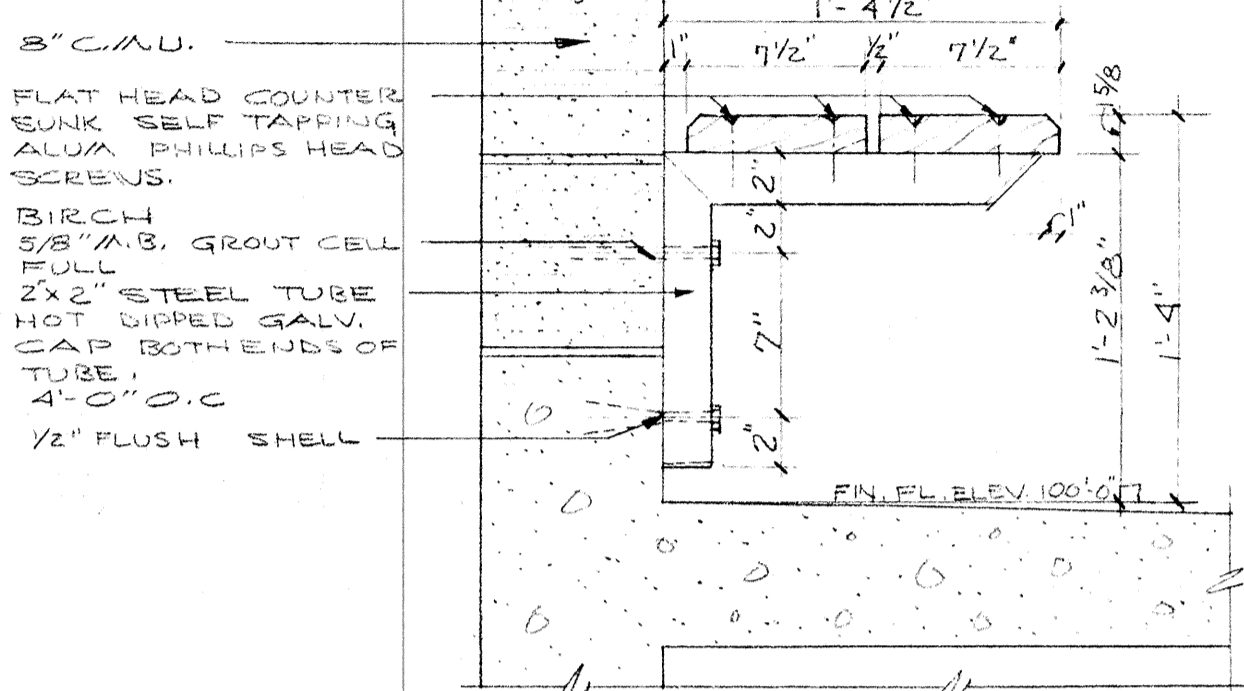
	DRAWN	301 SYLVIA KING SINDY ISBEO 1140 CLACKAM DISTRICT 1140 CLACKAM
	CHECKED	
DATE	REVISIONS	EDMUNDSON KOCHENDO ARCHITECTS 444 PISTON GON 97205



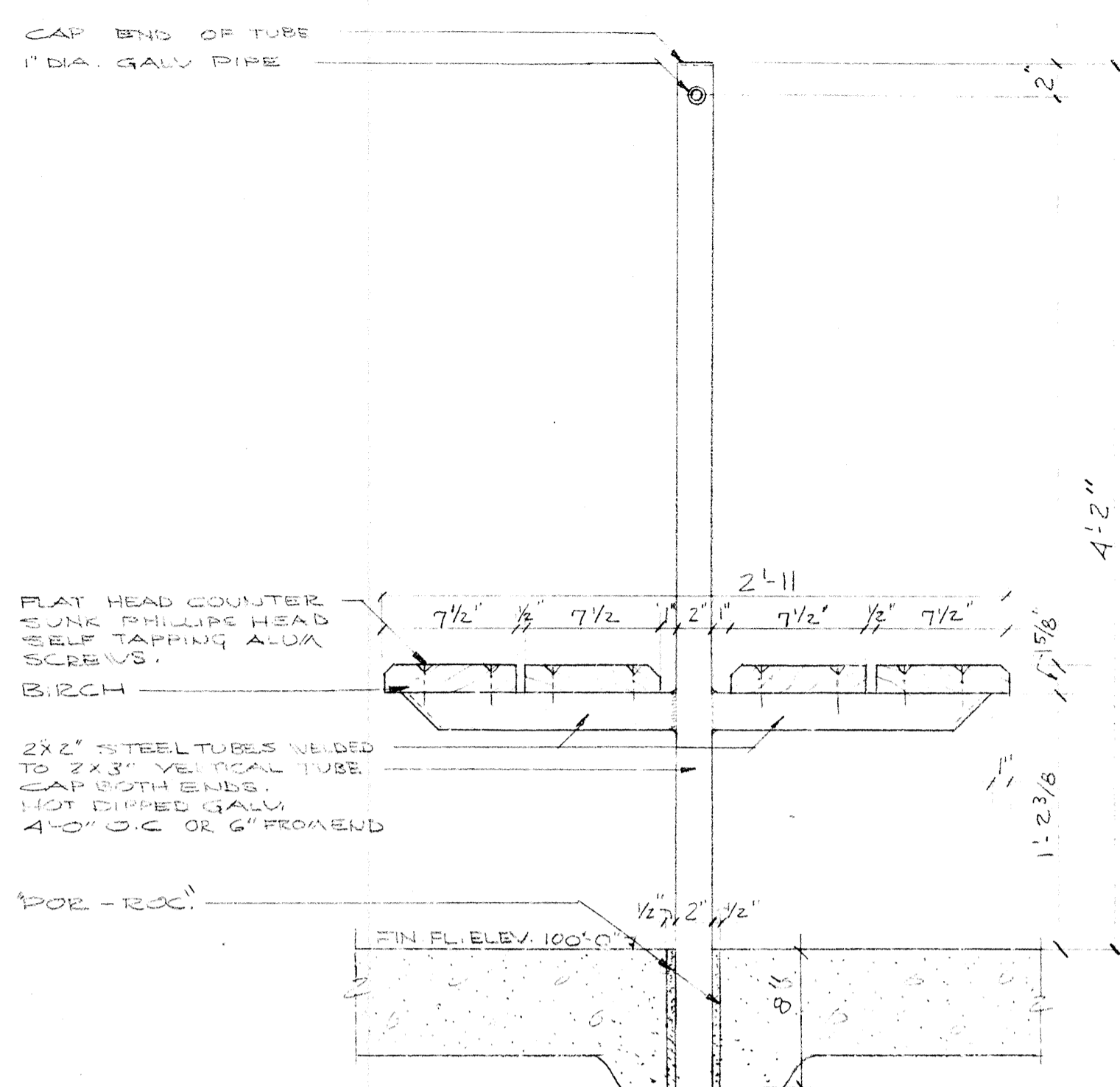
	DRAWN ASHTON	DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLATSOP COUNTY
	CHECKED	
	DRAWING 109	
	DATE MARCH 21 66 REVISIONS	
EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 PITTOCK BLOCK PORTLAND, OREGON 97205		TELEPHONE 227-1158



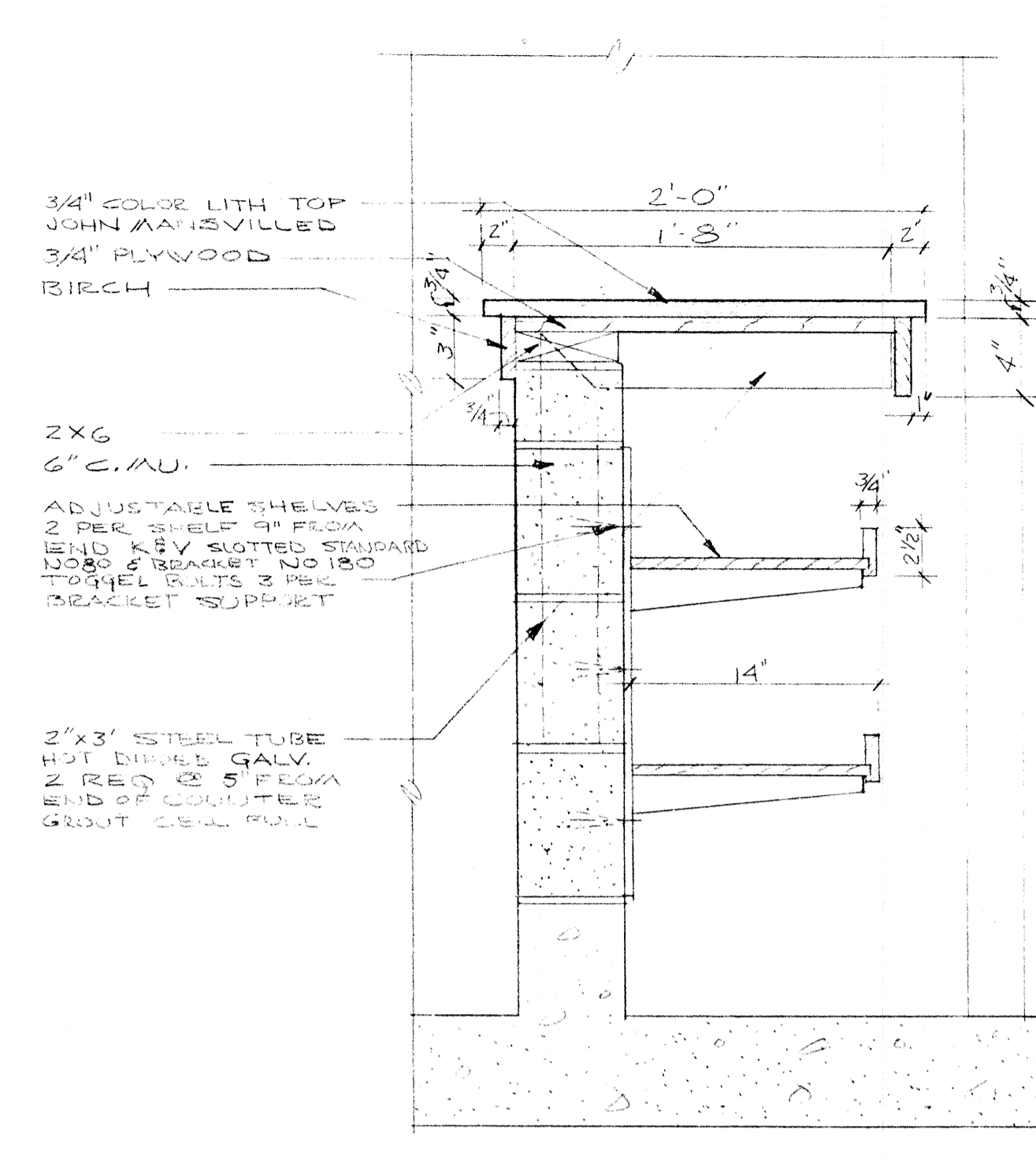
1 HOOK STRIP DETAIL
FULL SIZE



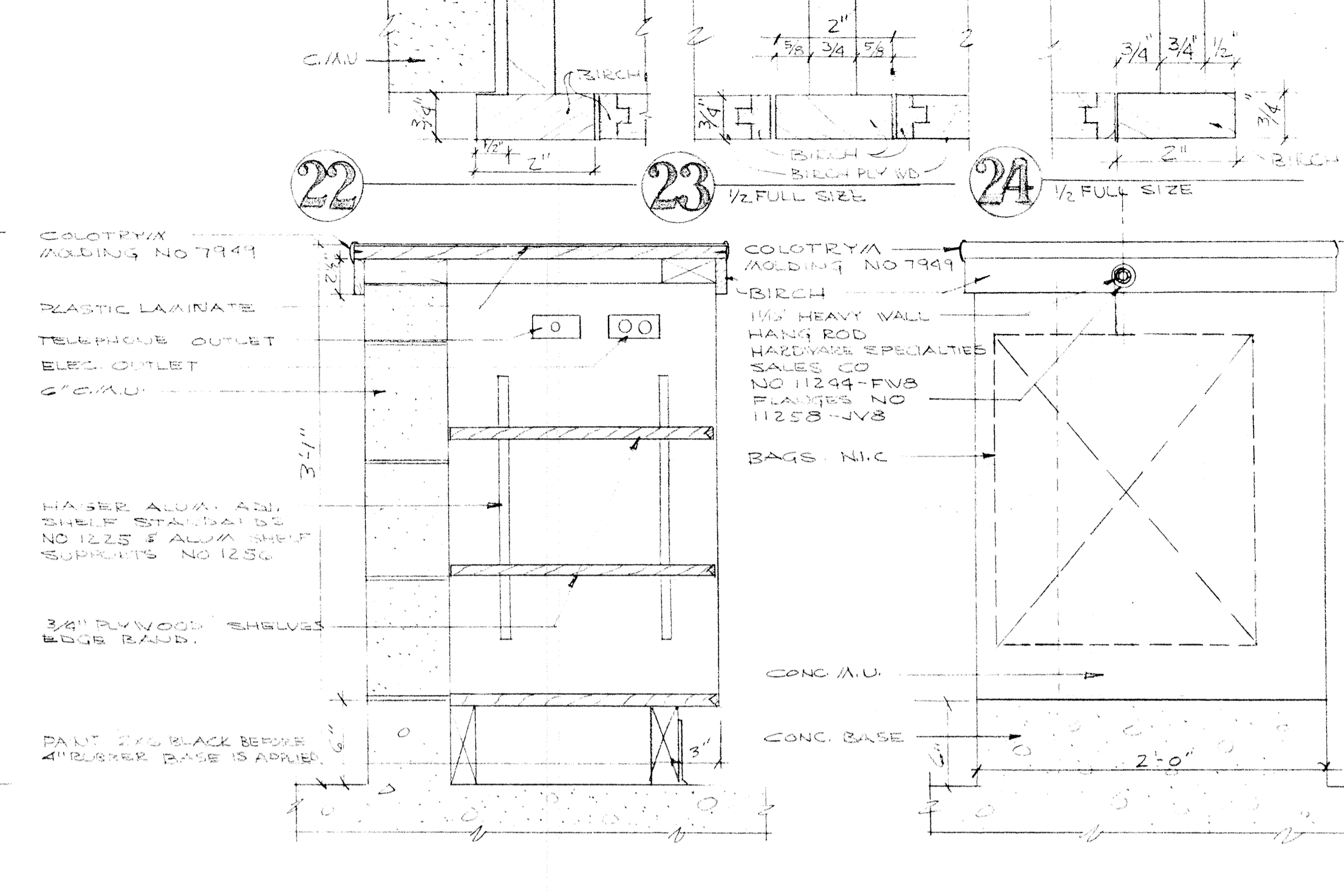
2 BENCH DETAIL @ WALL
SCALE 1/2\"/>



6 DOUBLE BENCH WITH HOOK STRIP
SCALE 1/2\"/>

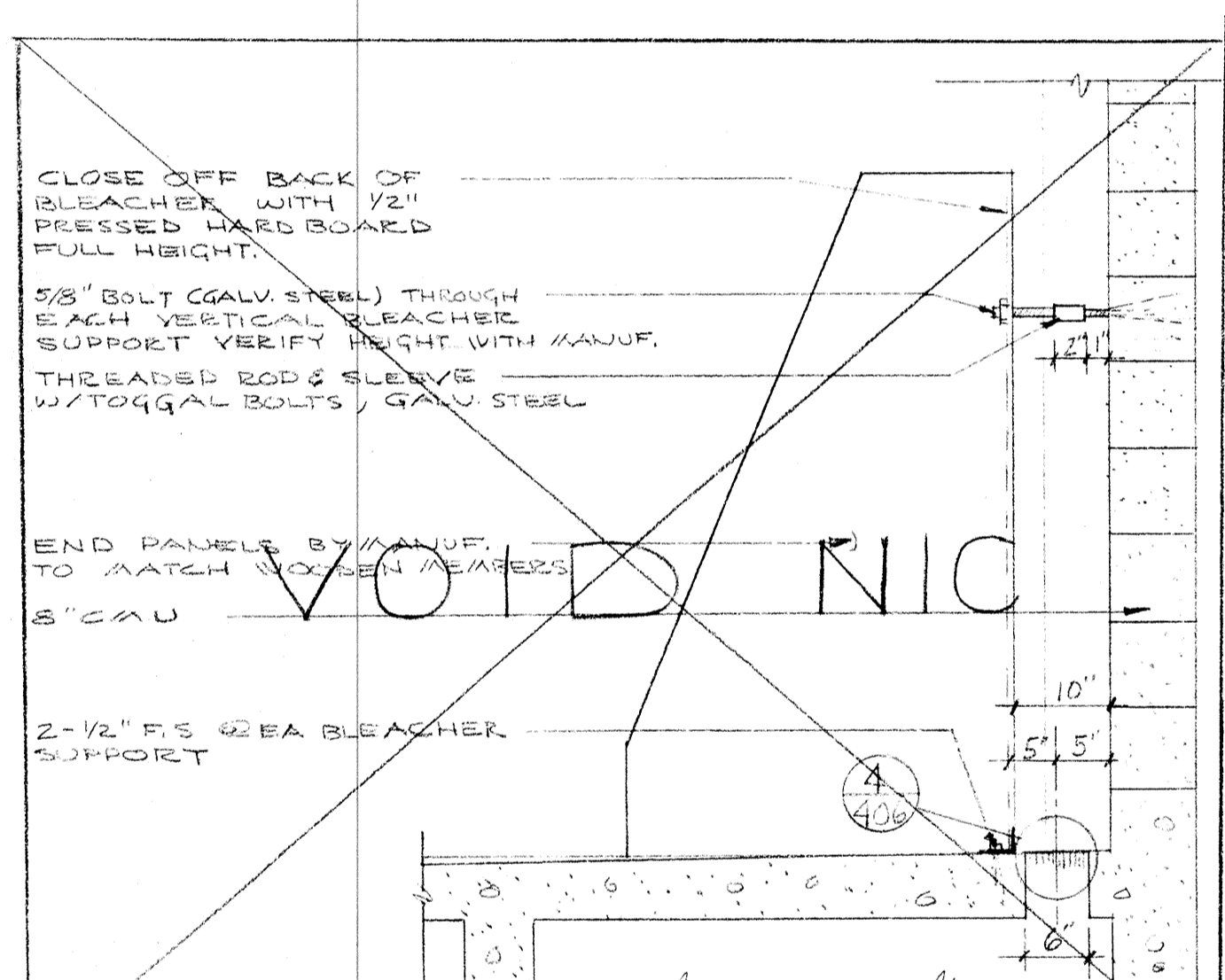


12 COUNTER DETAIL
SCALE 1/2\"/>

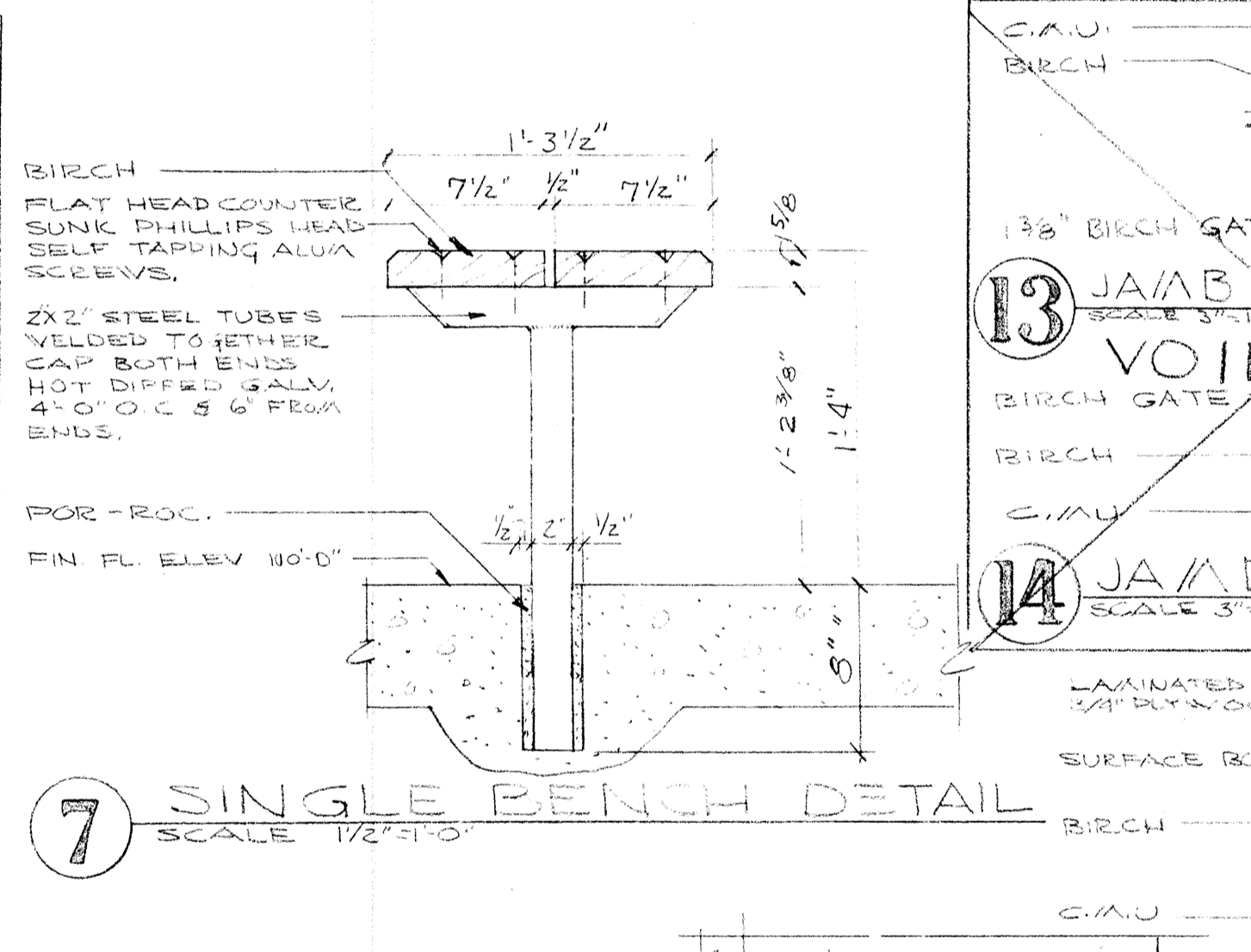


19 COUNTER & OPEN SHELVES
SCALE 1/2\"/>

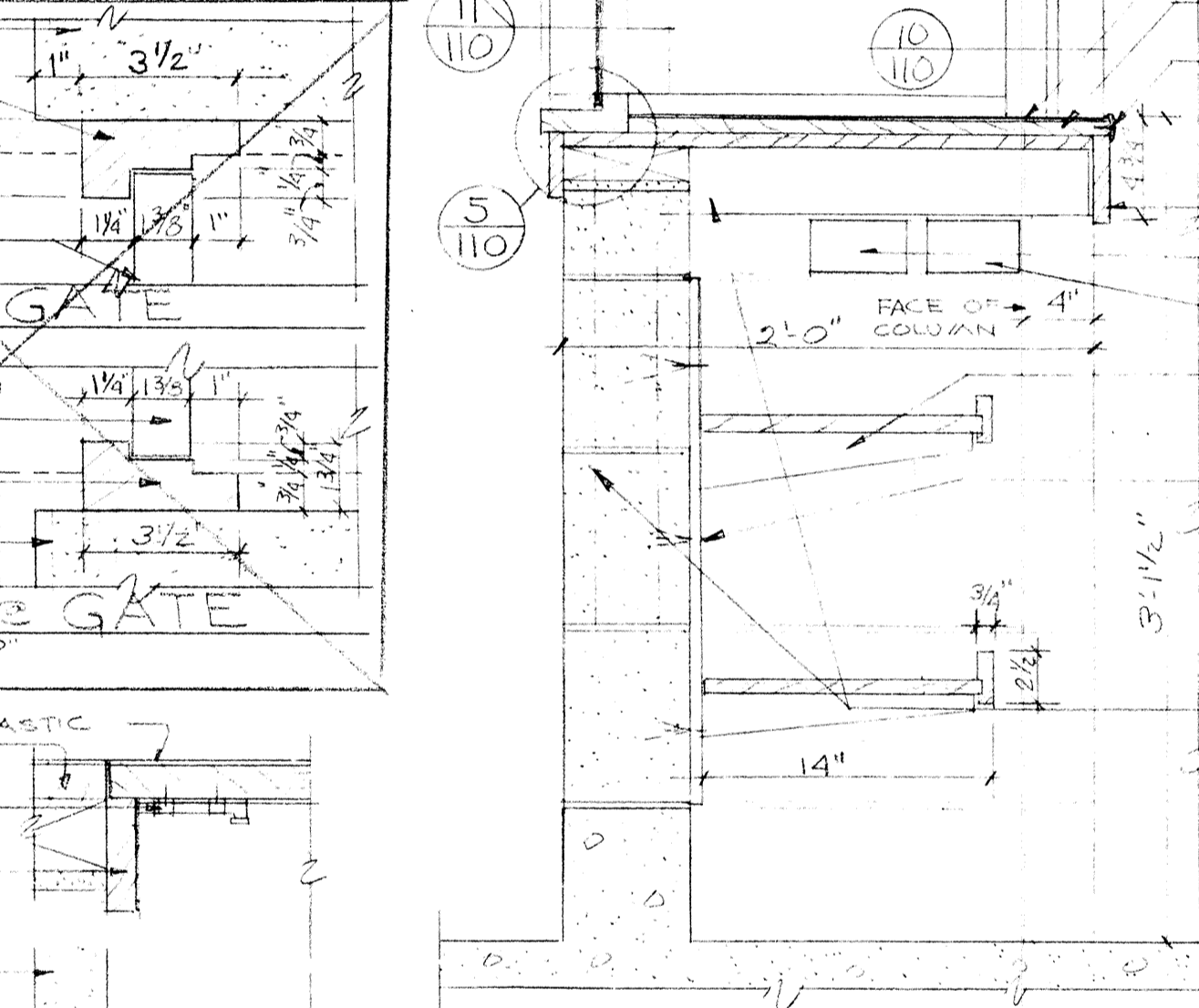
25 COUNTER @ BAG RACK
SCALE 1/2\"/>



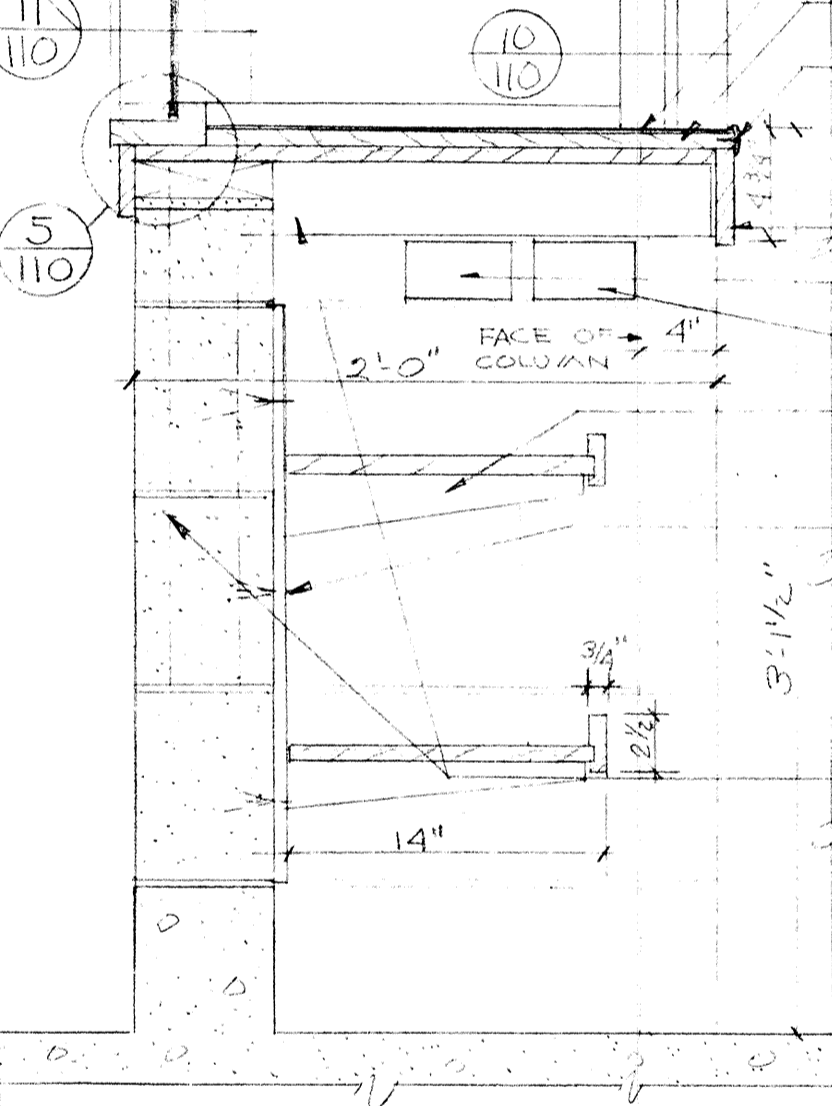
3 BLEACHER DETAIL N.I.C.
SCALE 3/4\"/>



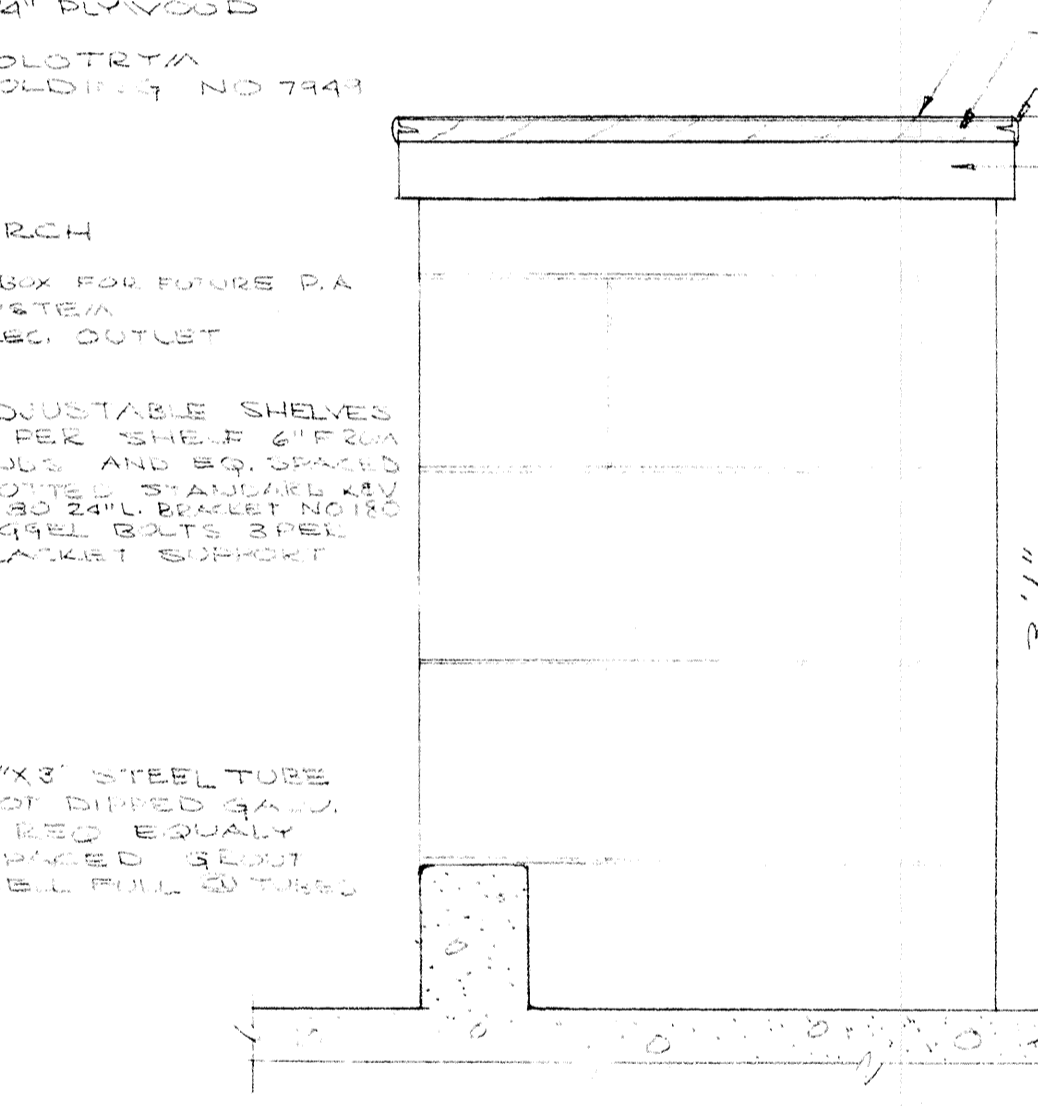
7 SINGLE BENCH DETAIL
SCALE 1/2\"/>



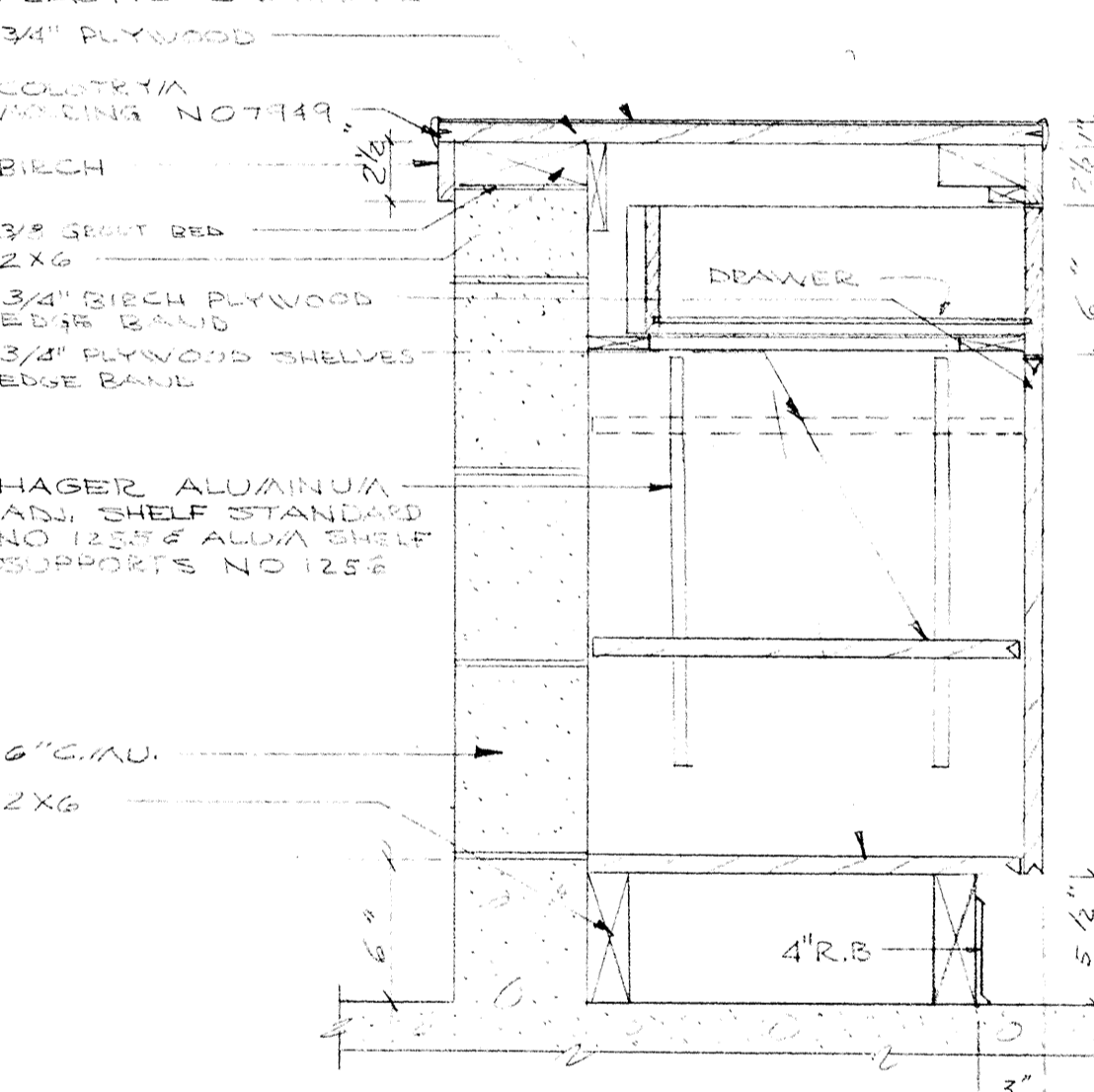
13 JAMB @ GATE VOID
SCALE 3/4\"/>



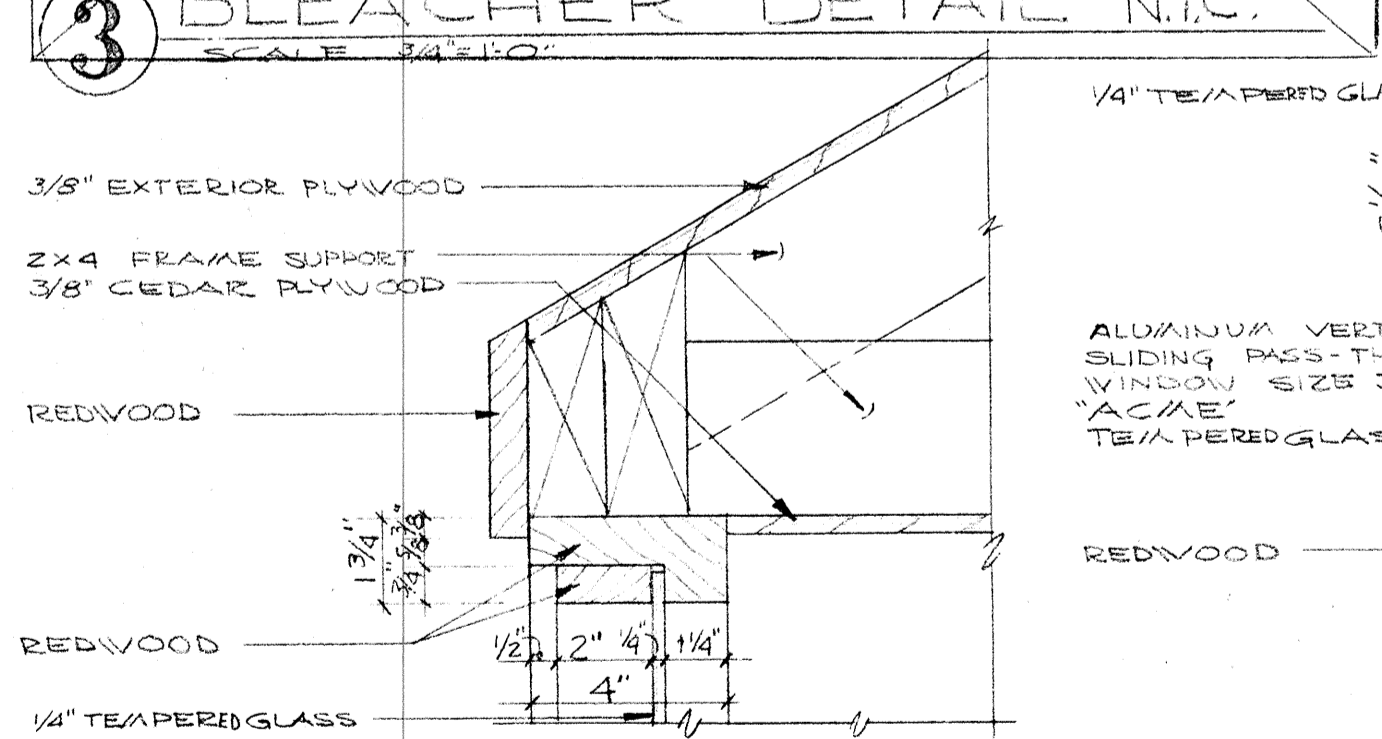
14 JAMB @ GATE
SCALE 3/4\"/>



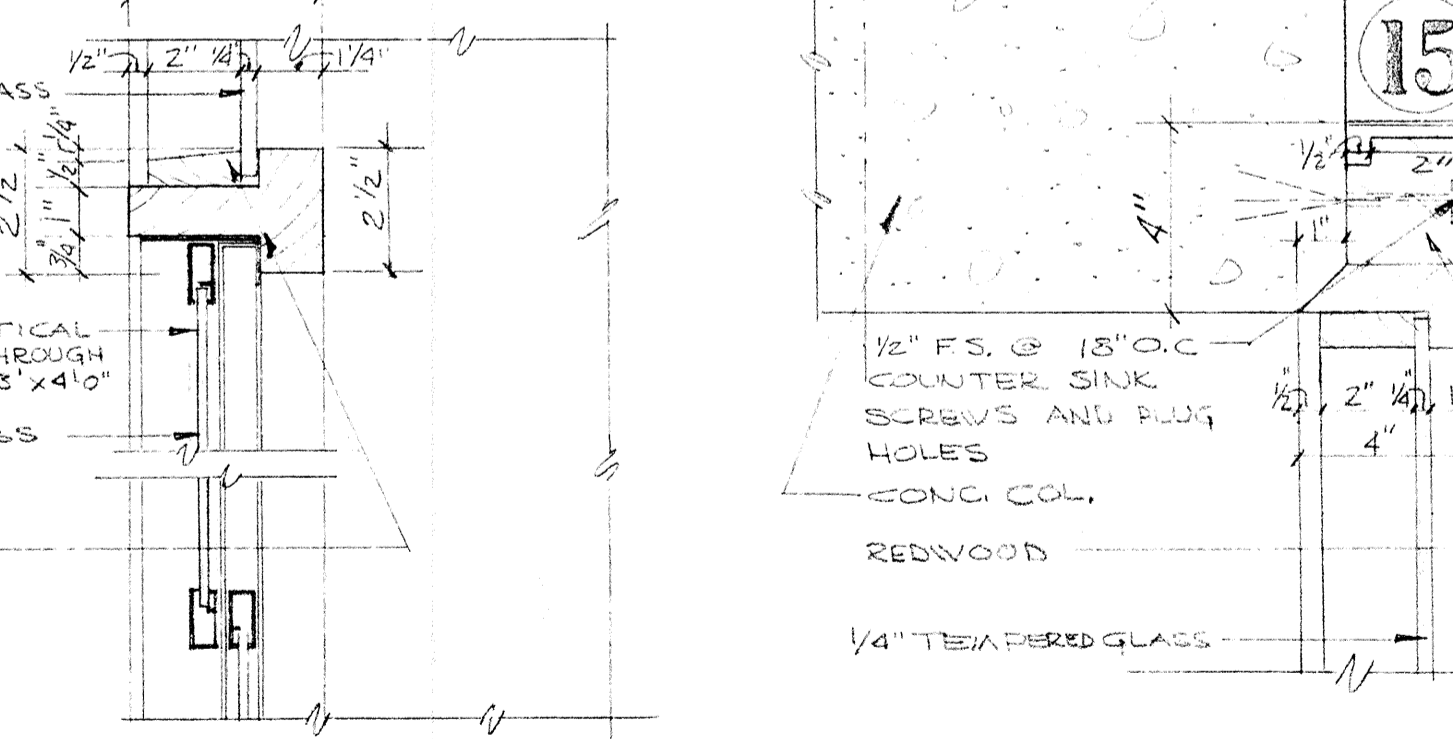
18 COUNTER @ WINDOW
SCALE 1/2\"/>



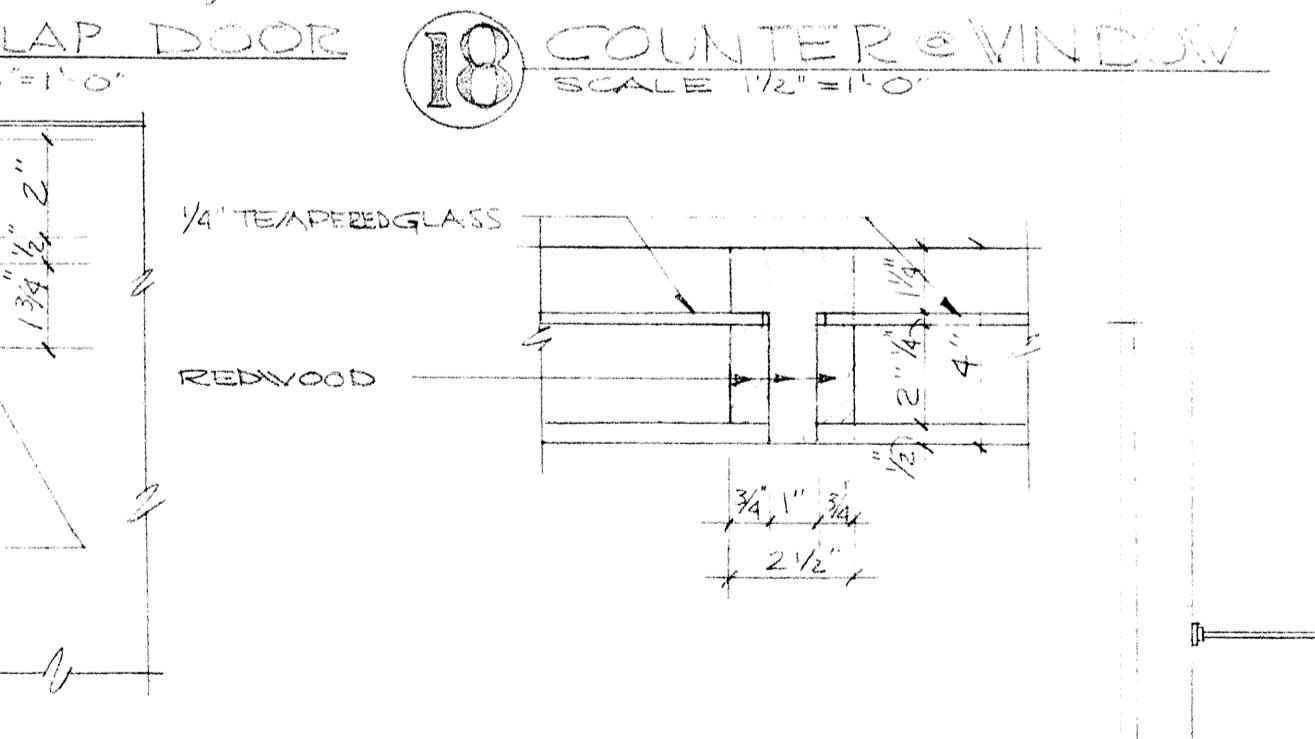
26 COUNTER @ CABINET
SCALE 1/2\"/>



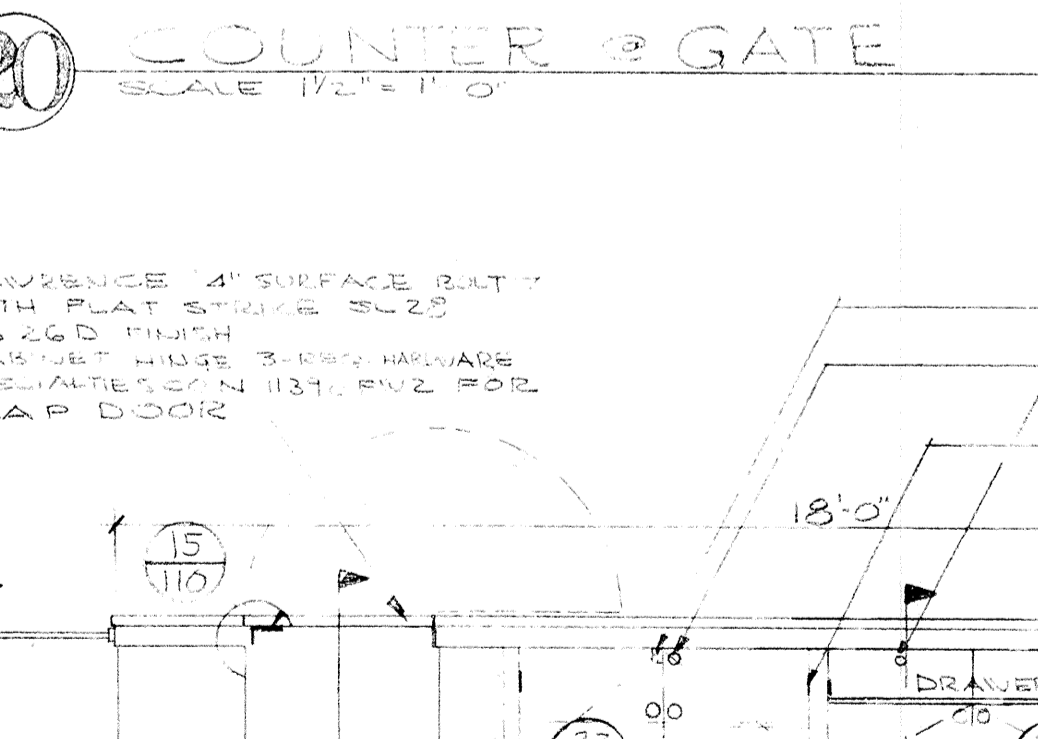
4 WINDOW HEAD
SCALE 3/4\"/>



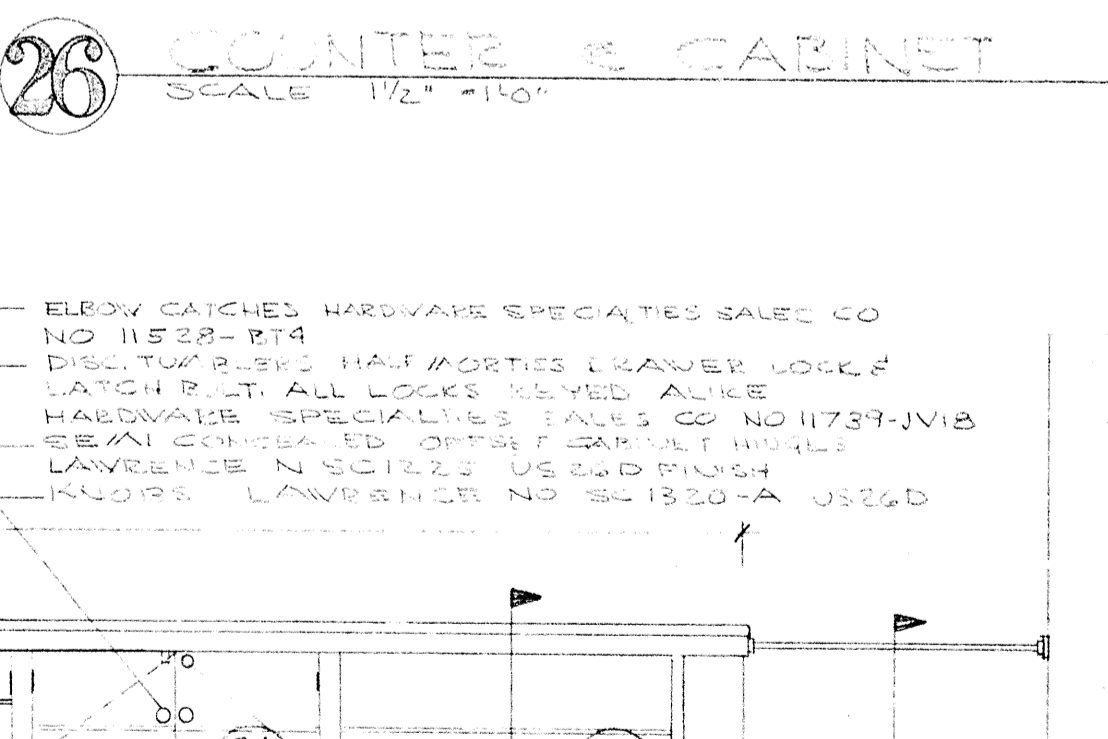
8 HEAD @ VERTICAL SLIDING WINDOW
SCALE 3/4\"/>



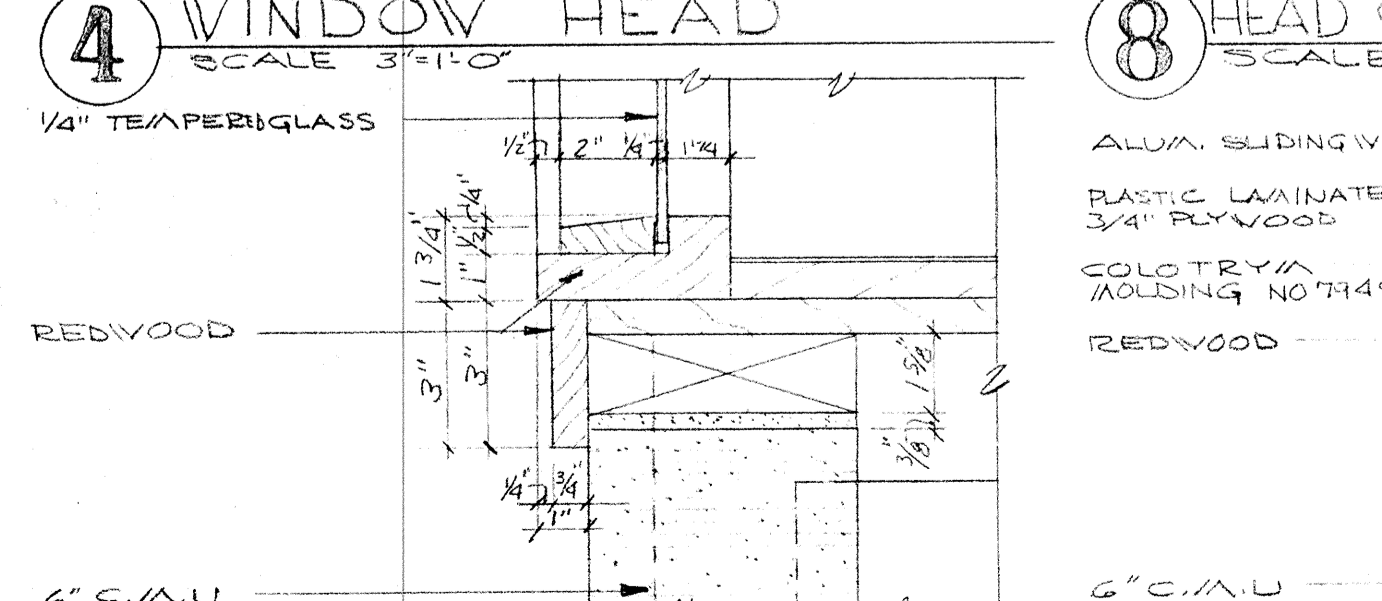
15 FLAP DOOR
SCALE 3/4\"/>



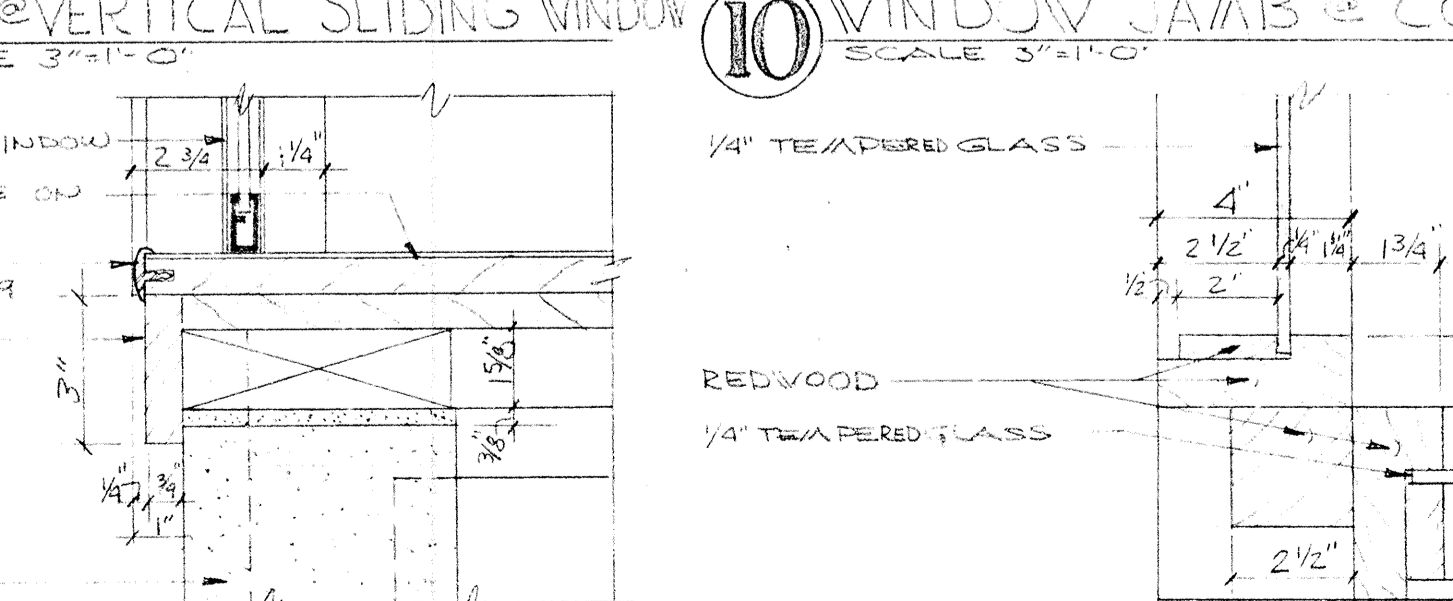
20 COUNTER @ GATE
SCALE 1/2\"/>



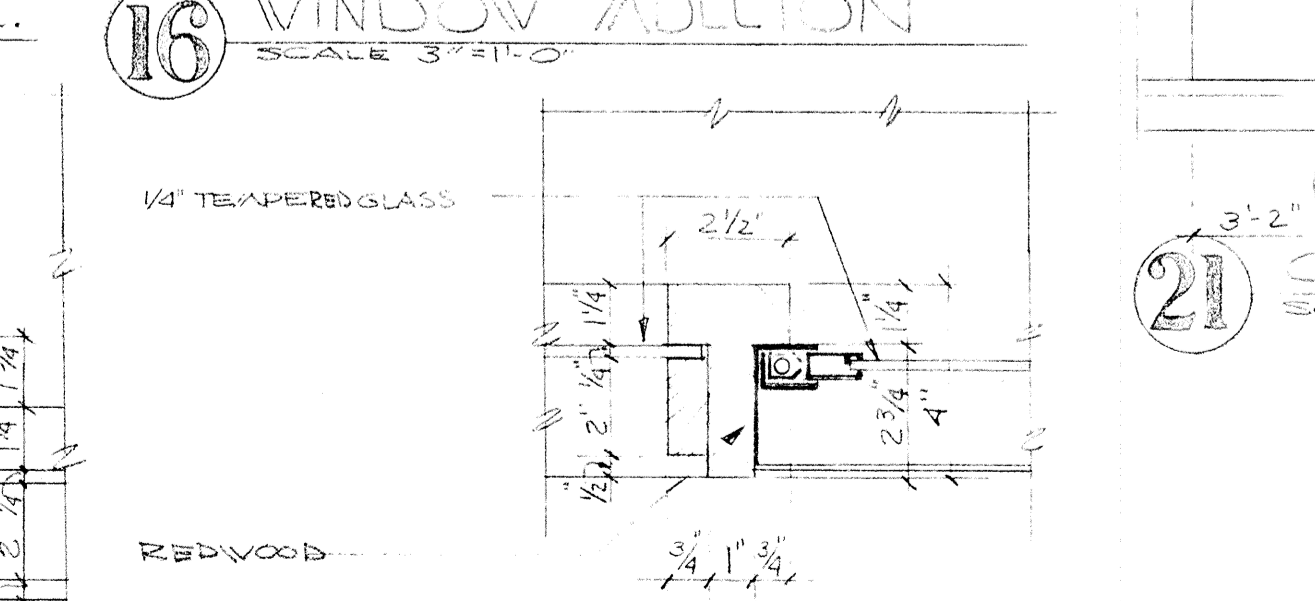
21 CABINET ELEVATION
SCALE 1/2\"/>



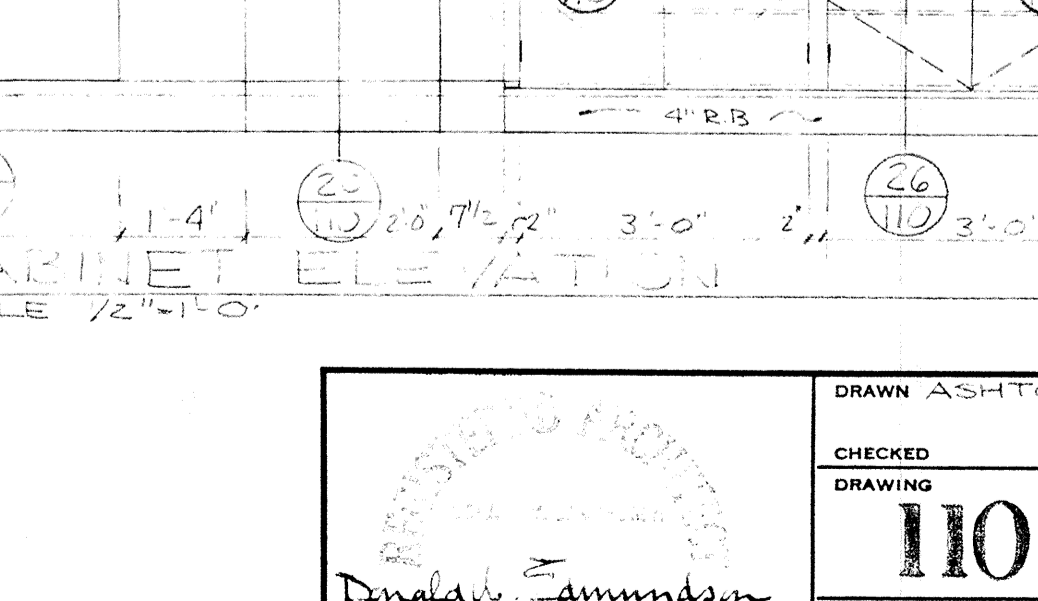
5 WINDOW SILL
SCALE 3/4\"/>



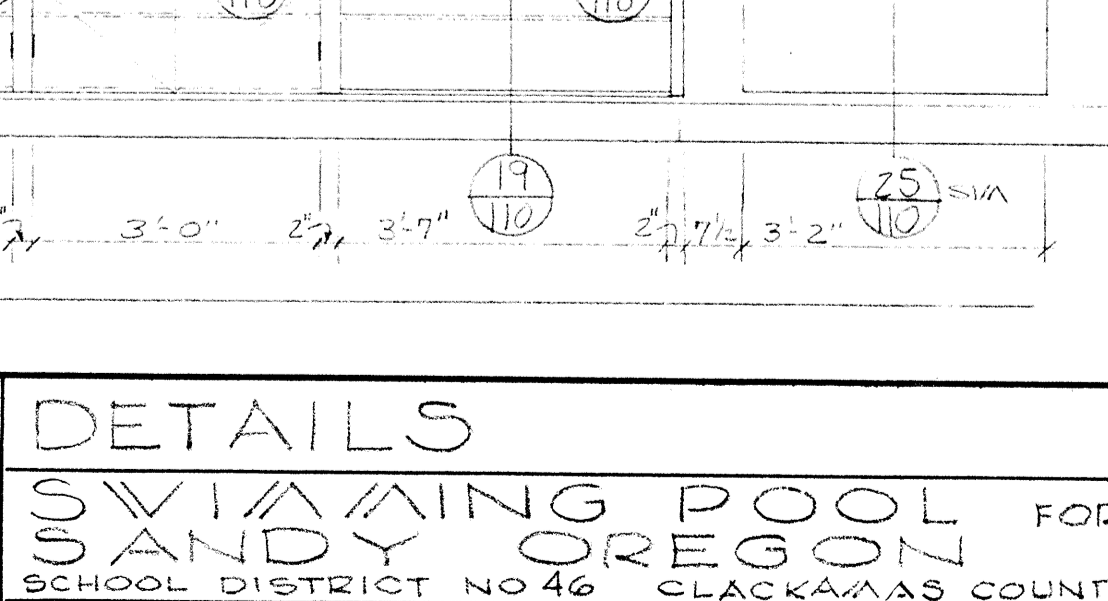
9 VERTICAL SLIDING WINDOW
SCALE 3/4\"/>



16 WINDOW MULLION
SCALE 3/4\"/>

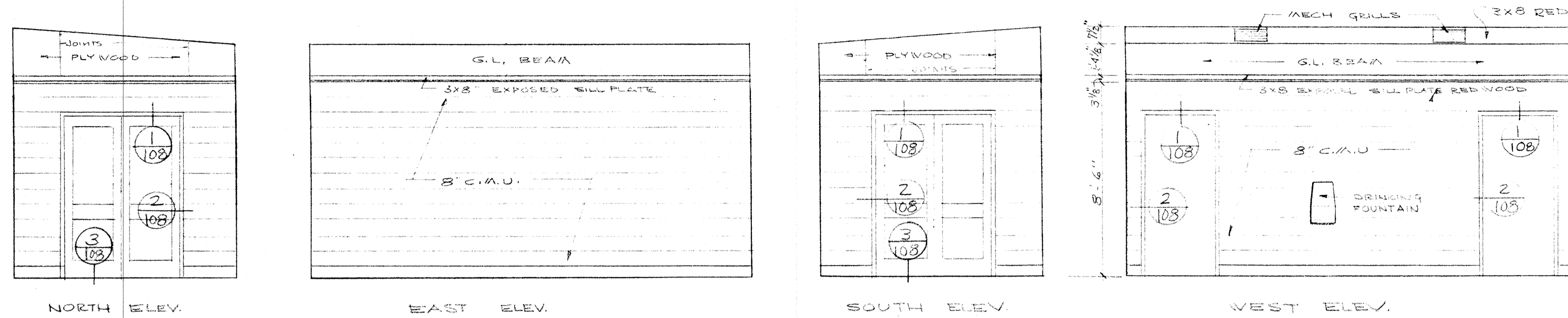


17 MULLION @ SLIDING WINDOW
SCALE 3/4\"/>

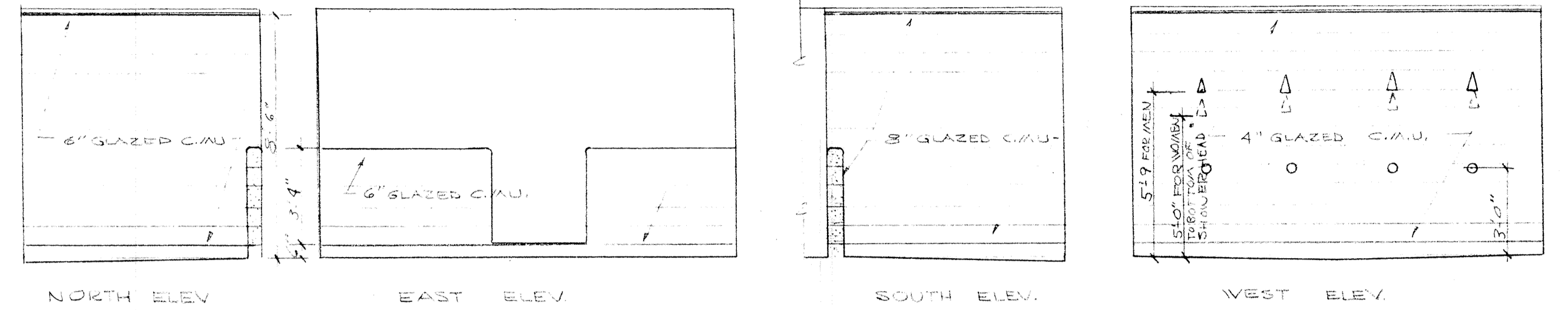


11 CORNER WINDOW JAMB
SCALE 3/4\"/>

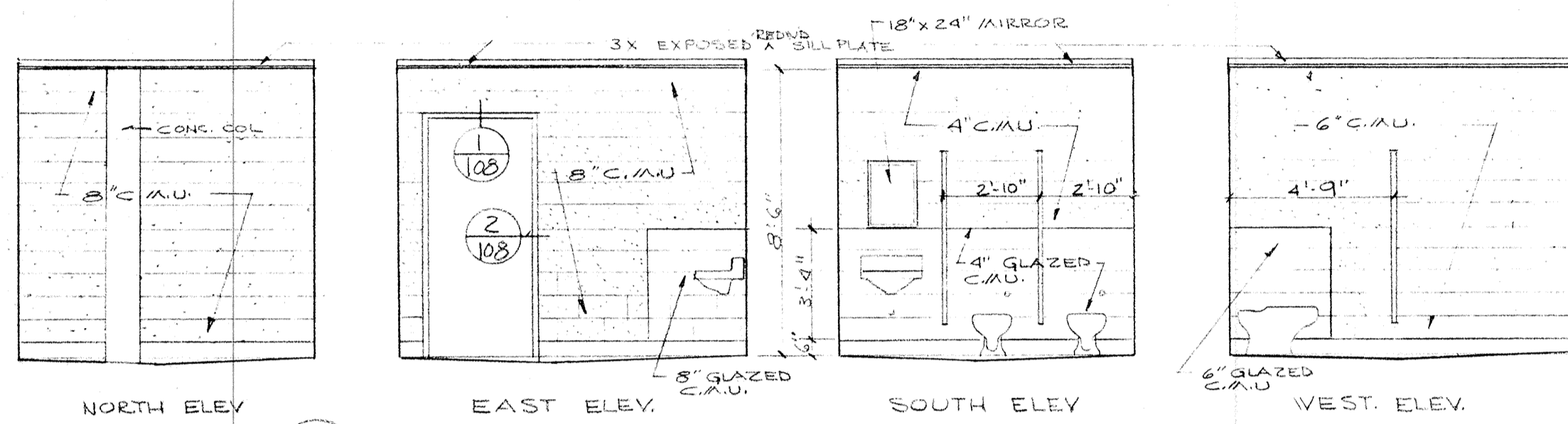
	DRAWN ASHTON CHECKED DRAWING 110 DATE MARCH 21, 66 REVISIONS	DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY
	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS 444 PITtock BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158	



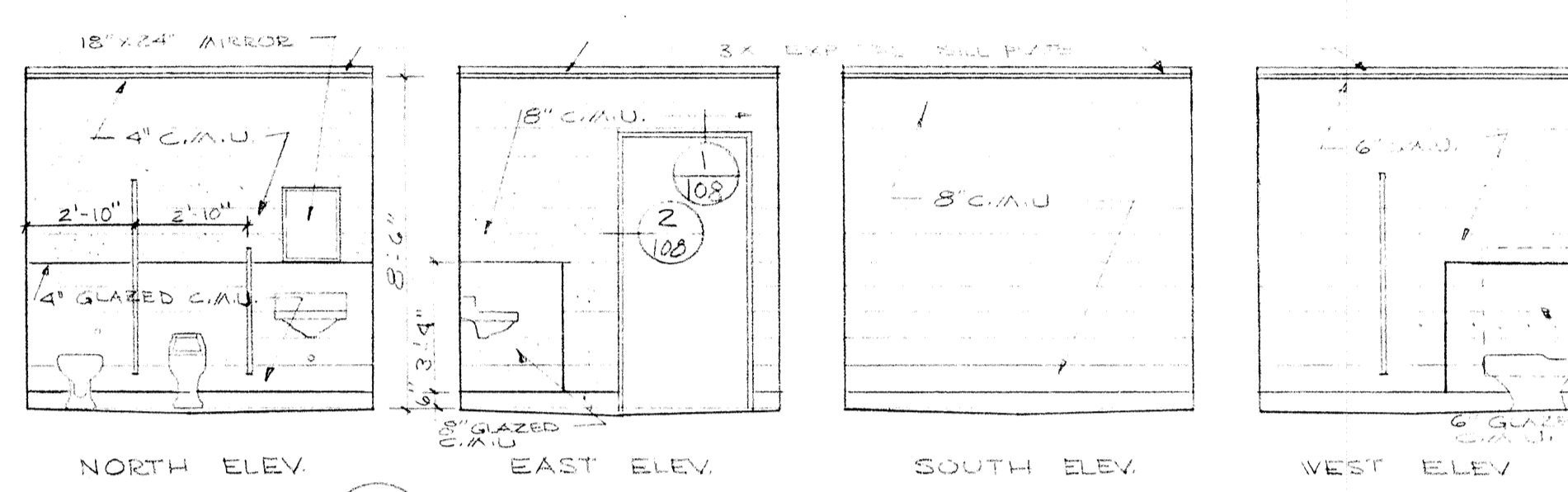
1 VESTIBULE 10
SCALE 1/4"=1'-0"



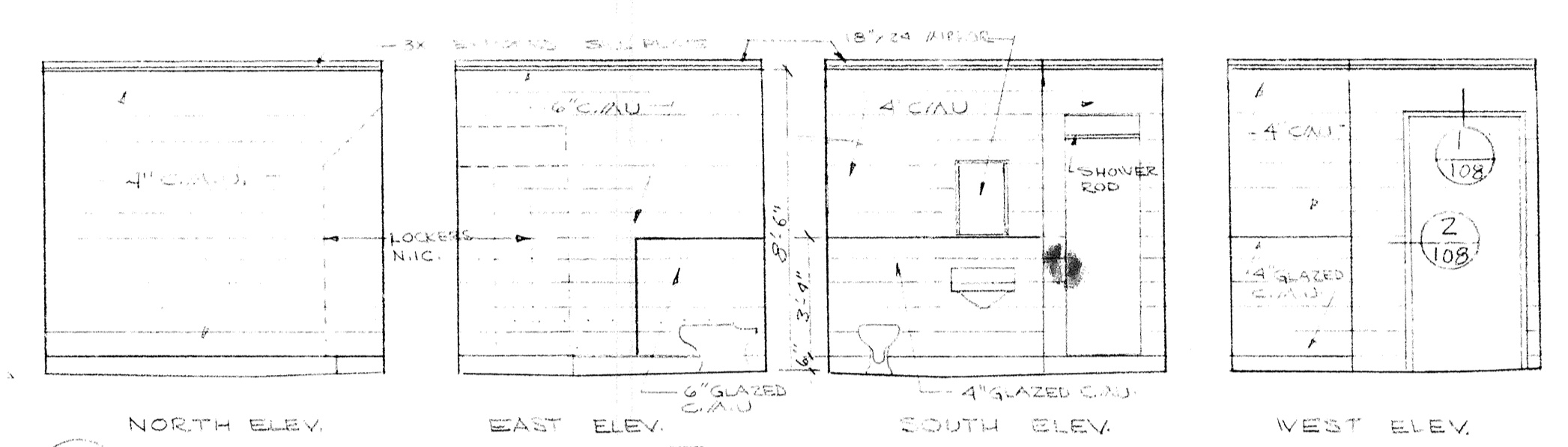
2 MEN SHOWER 17 (WOMEN SHOWER 21 OPPOSITE)
SCALE 1/4"=1'-0"



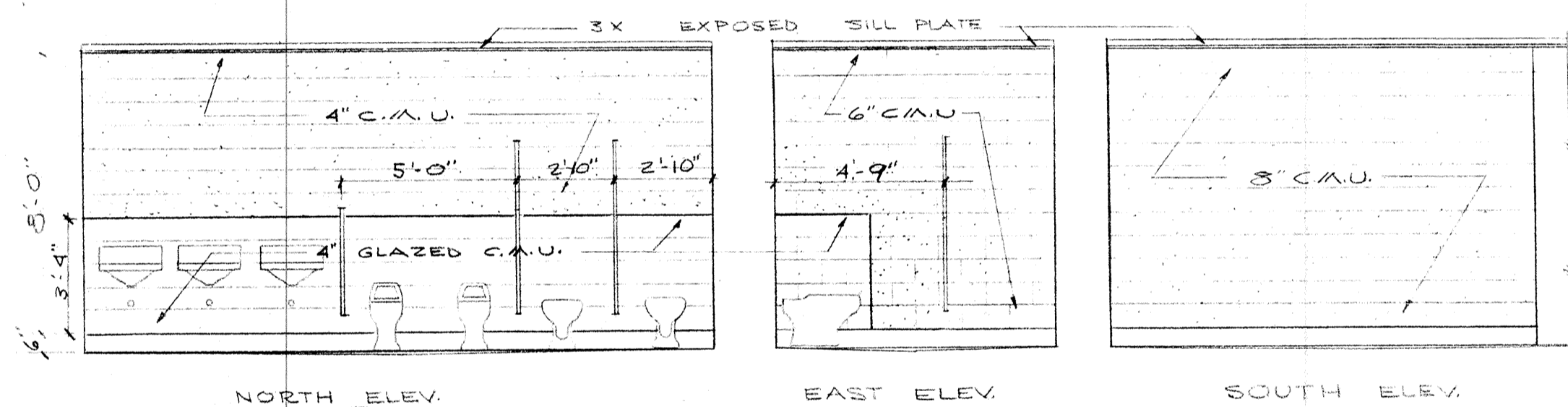
3 WOMEN 11
SCALE 1/4"=1'-0"



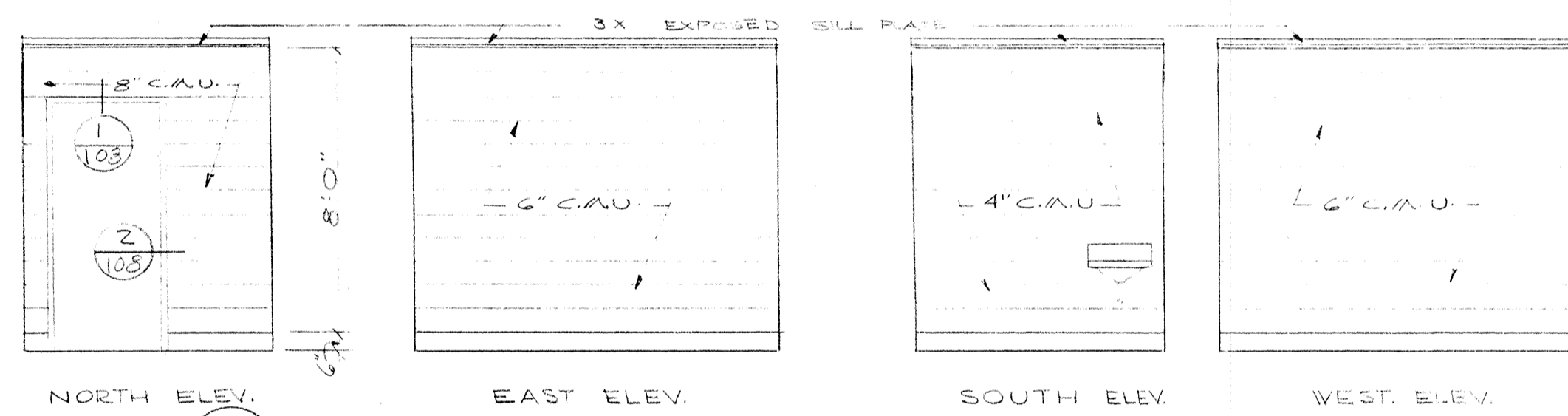
4 MEN 12
SCALE 1/4"=1'-0"



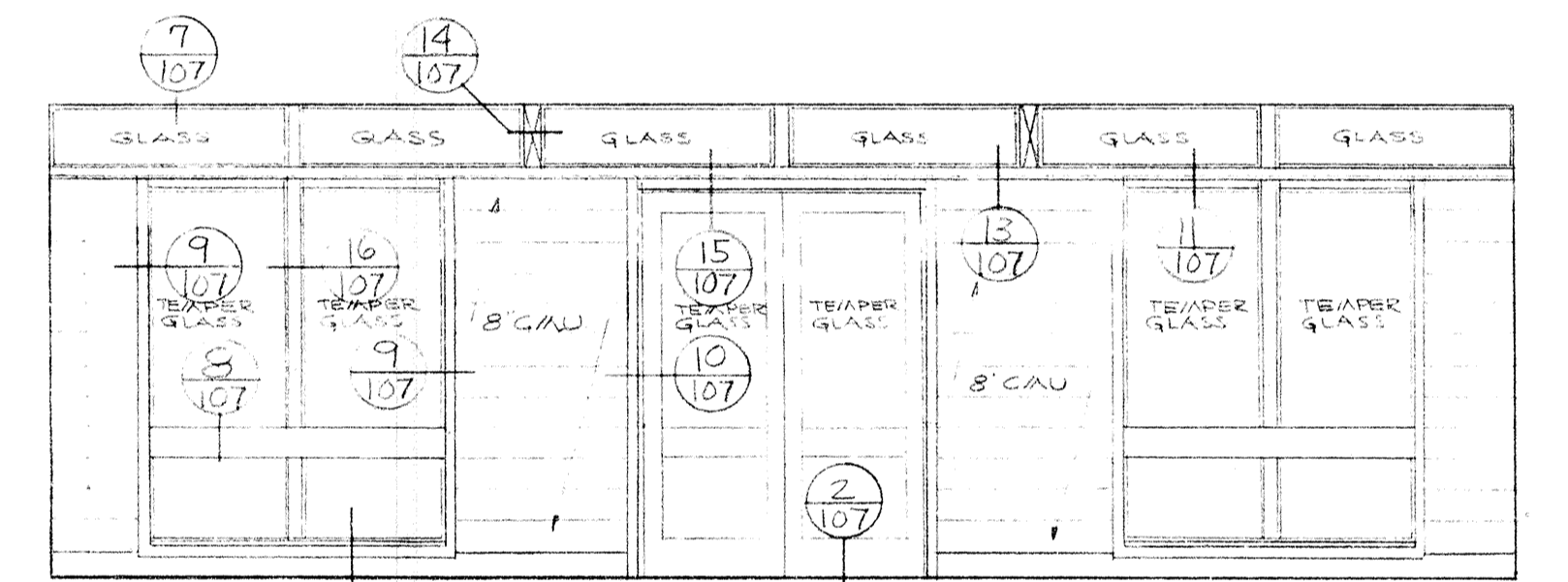
5 MEN INSTRUCTOR 14 (WOMEN INSTRUCTOR 22 OPPOSITE)
SCALE 1/4"=1'-0"



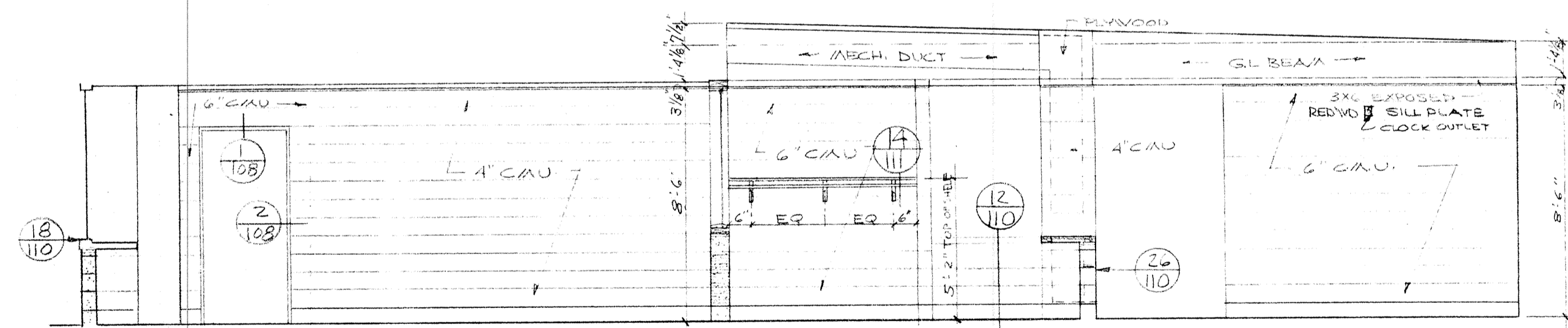
6 MEN TOILETS 15
SCALE 1/4"=1'-0"



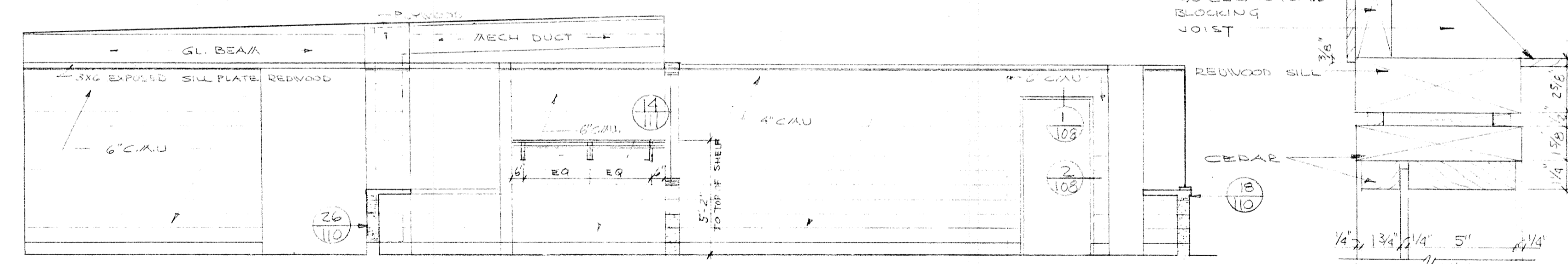
7 FIRST AID ROOM 13
SCALE 1/4"=1'-0"



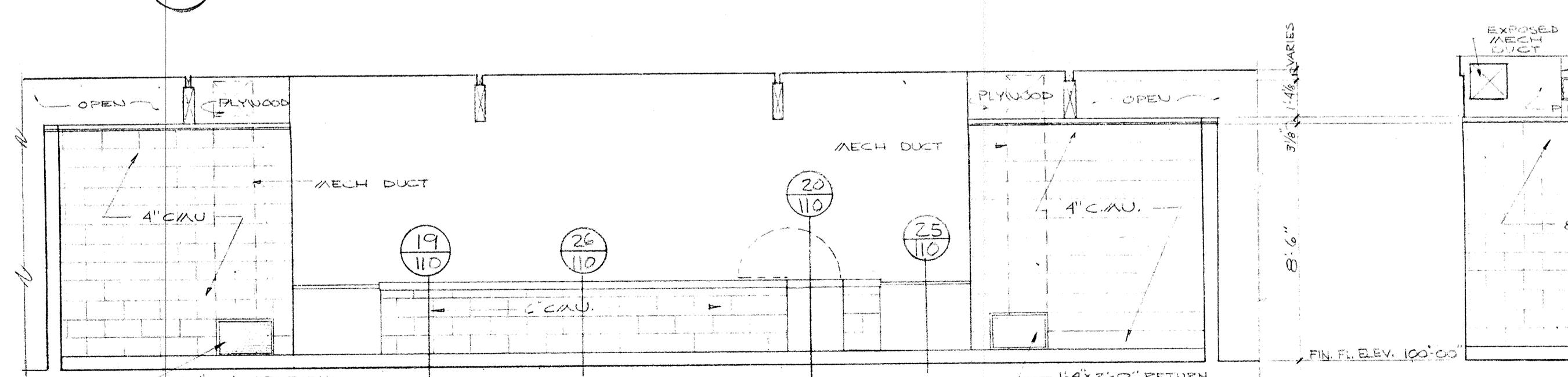
8 LOBBY 20
SCALE 1/4"=1'-0"



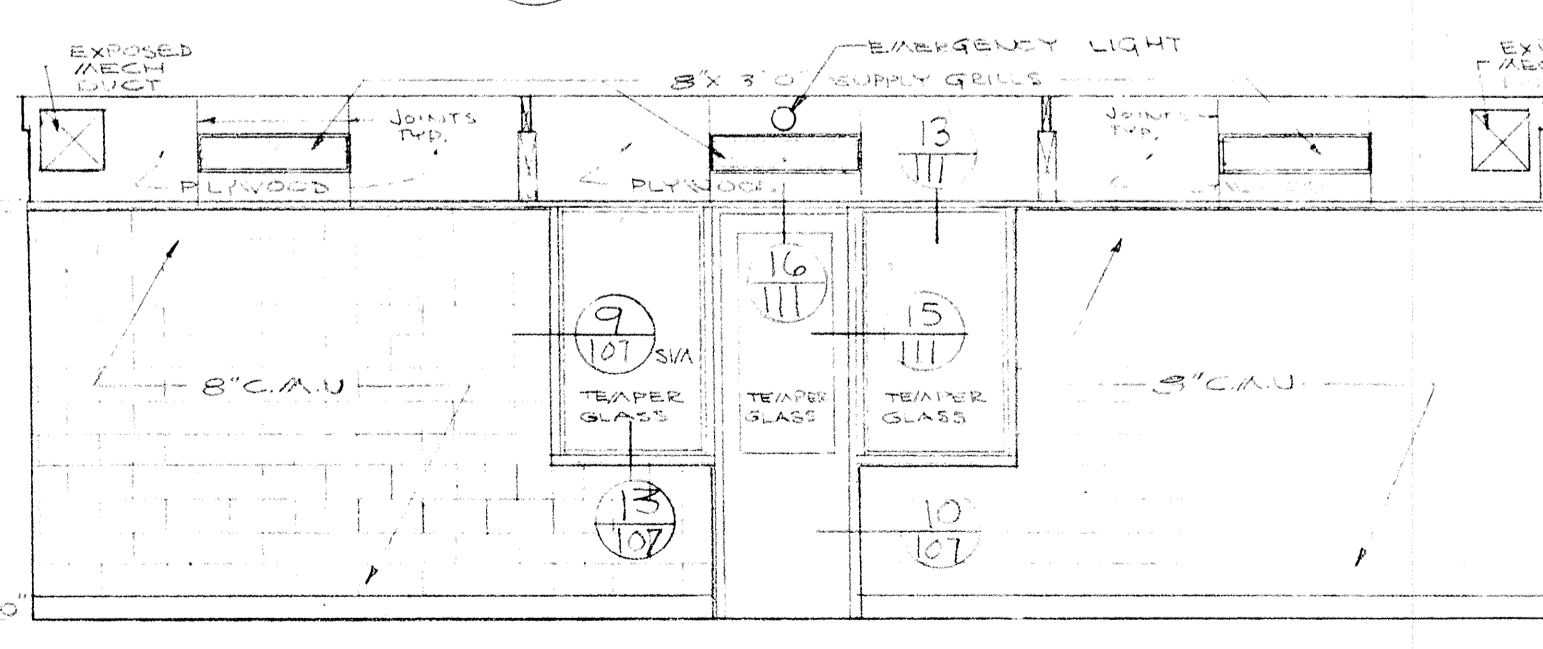
9 OFFICE 18 CHECKING AREA 19 LOBBY 20
SCALE 1/4"=1'-0"



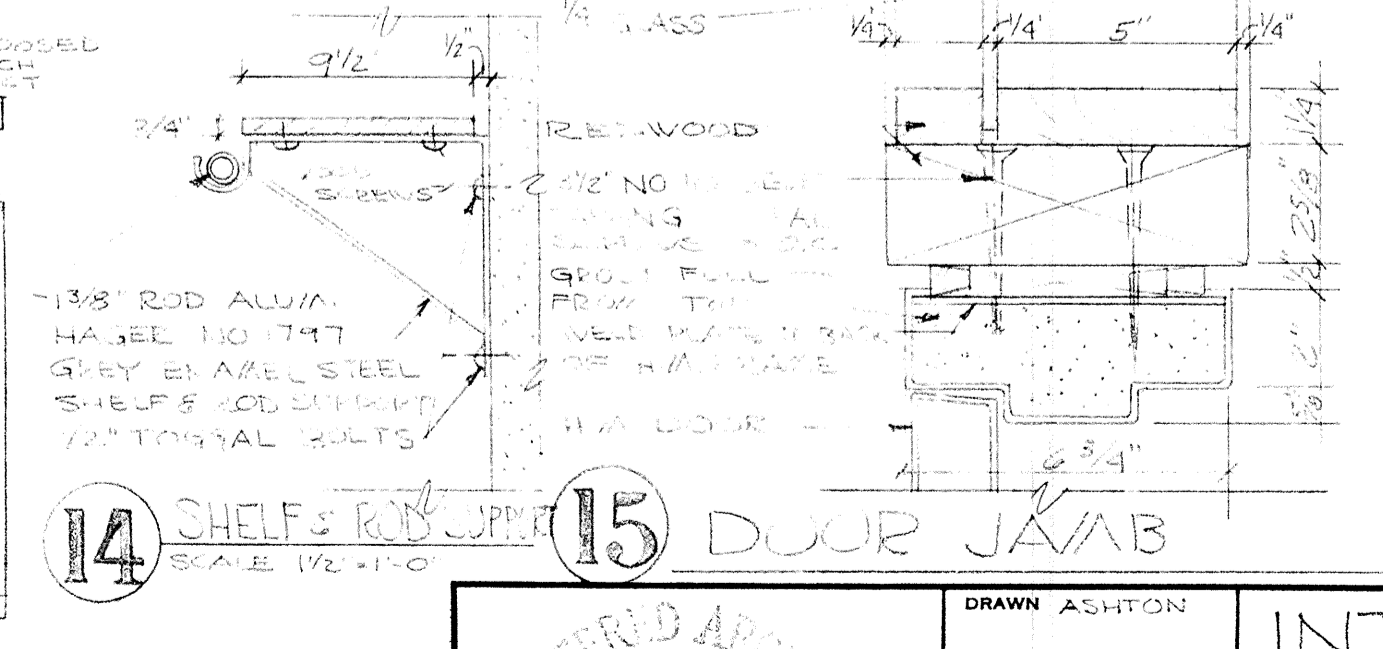
10 LOBBY 20 CHECKING AREA 19 OFFICE 18
SCALE 1/4"=1'-0"



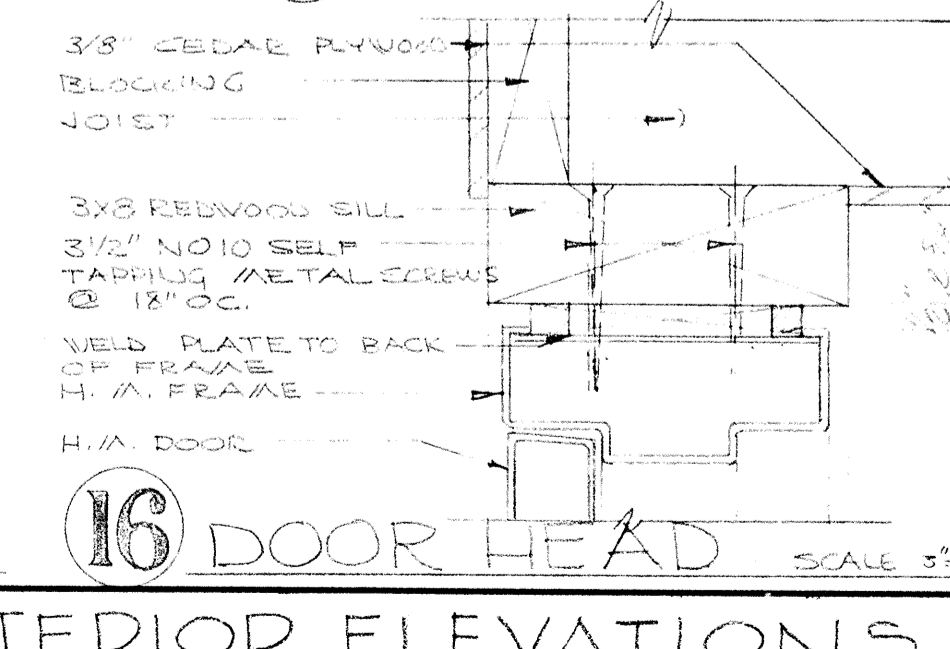
11 LOBBY 20
SCALE 1/4"=1'-0"



12 CHECKING AREA 19
SCALE 1/4"=1'-0"

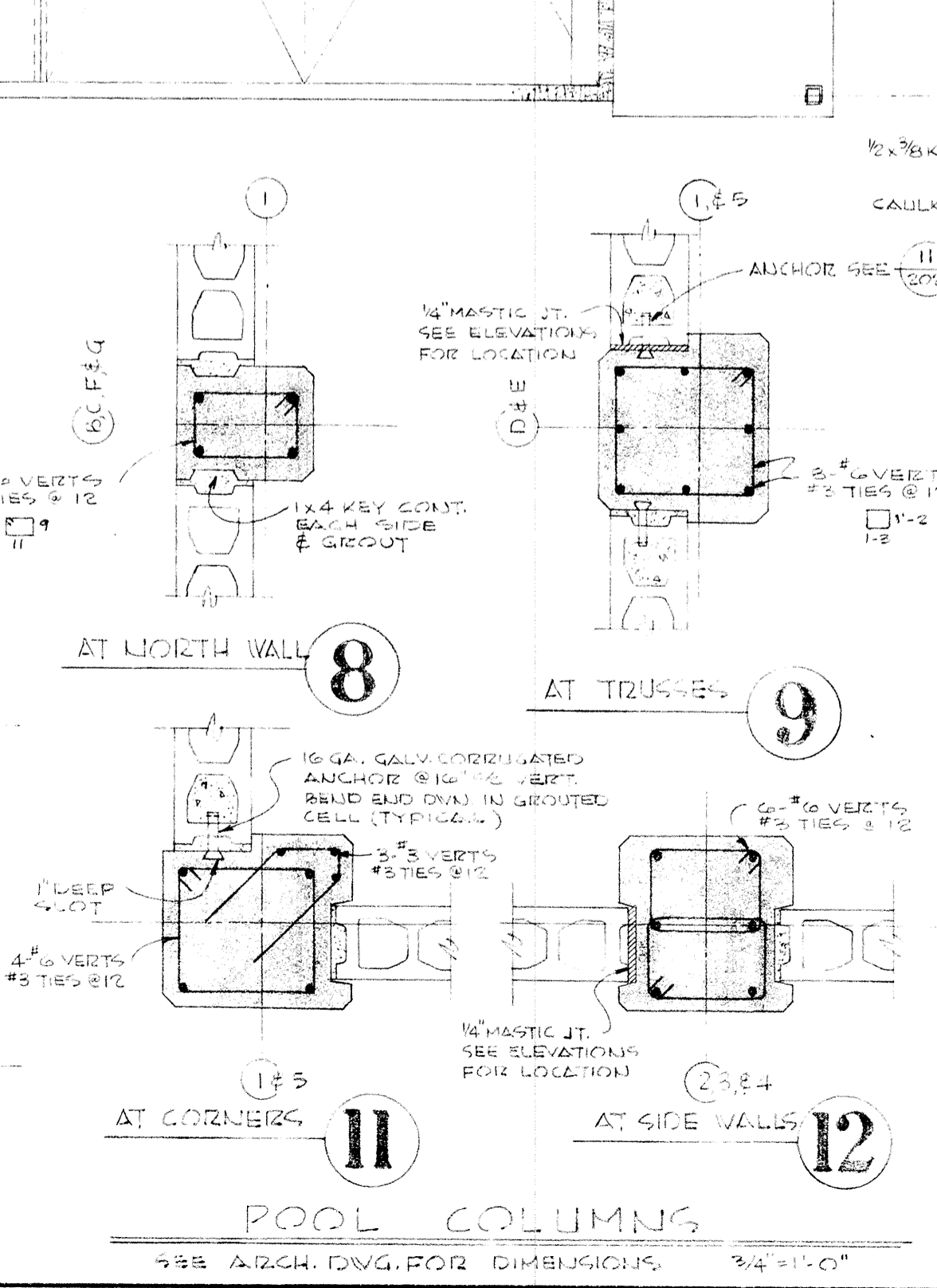
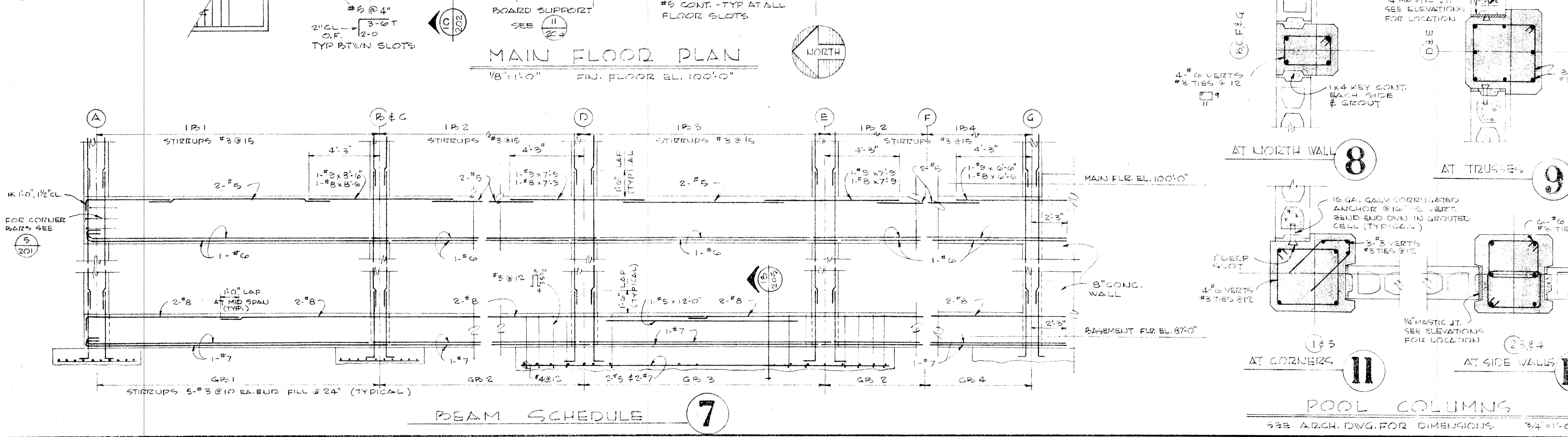
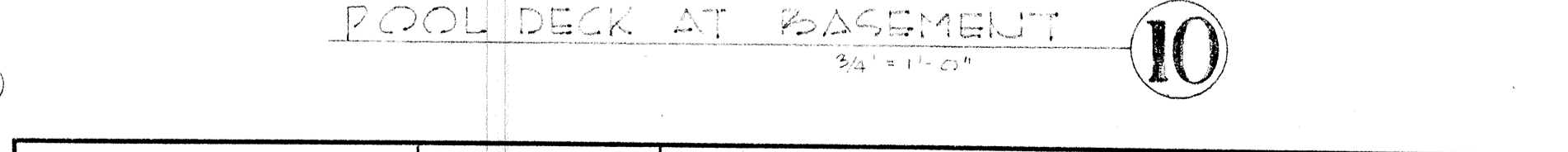
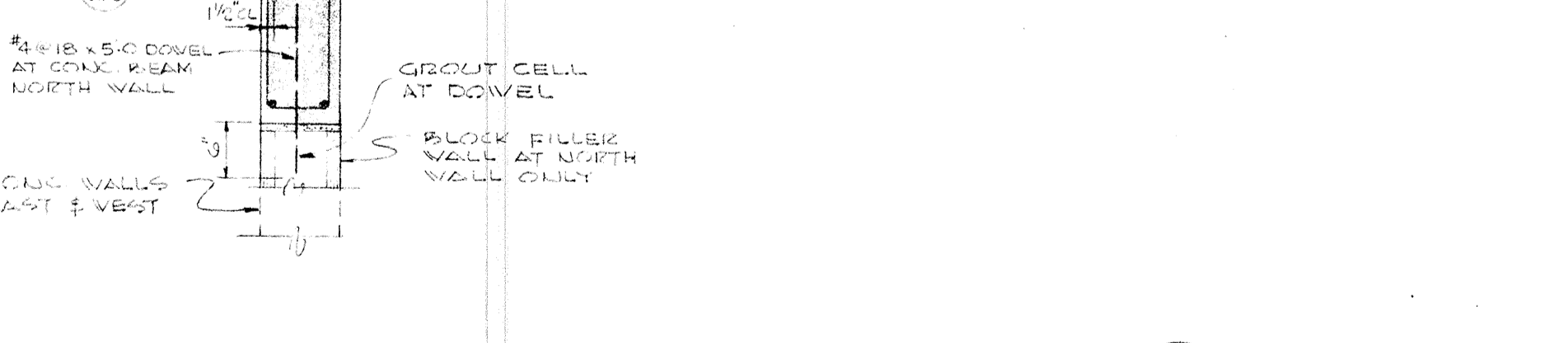
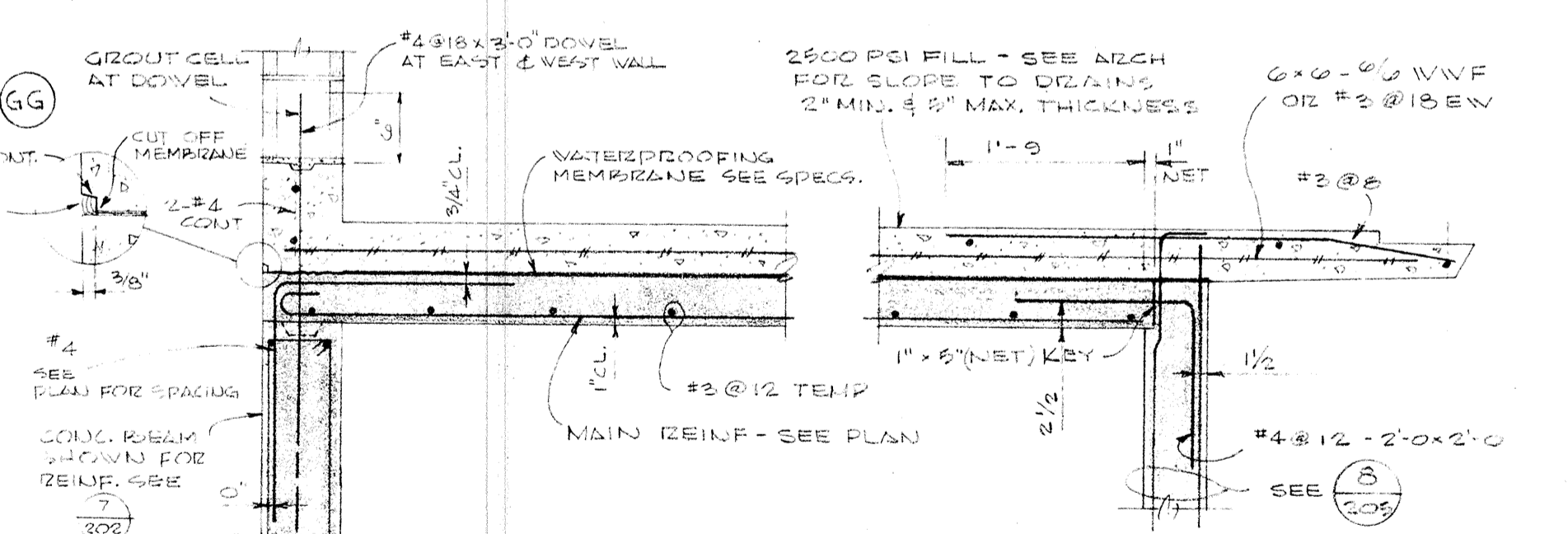
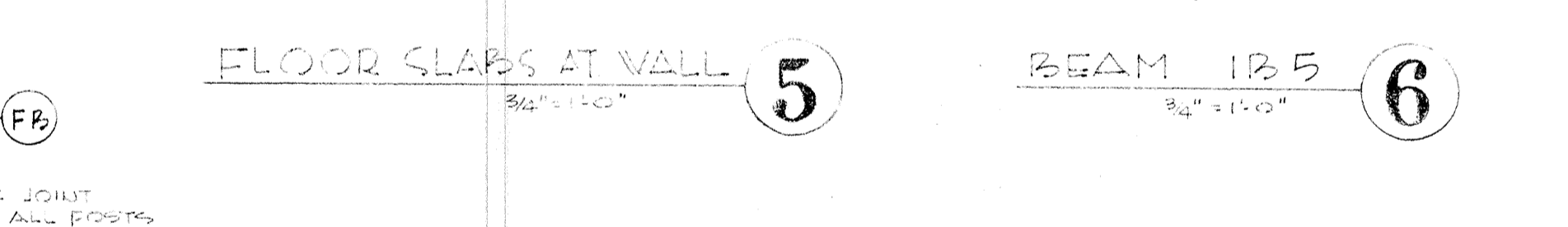
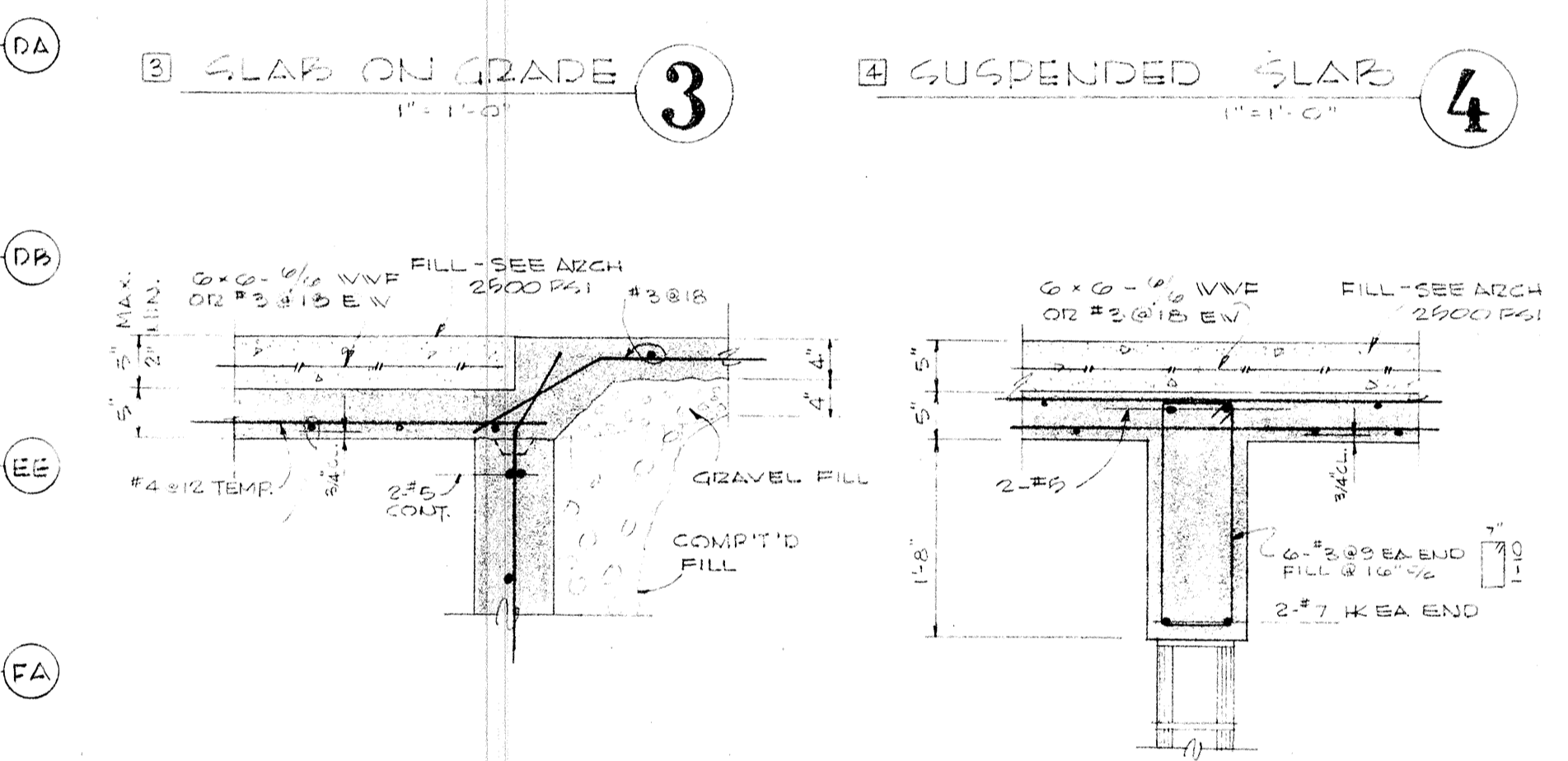
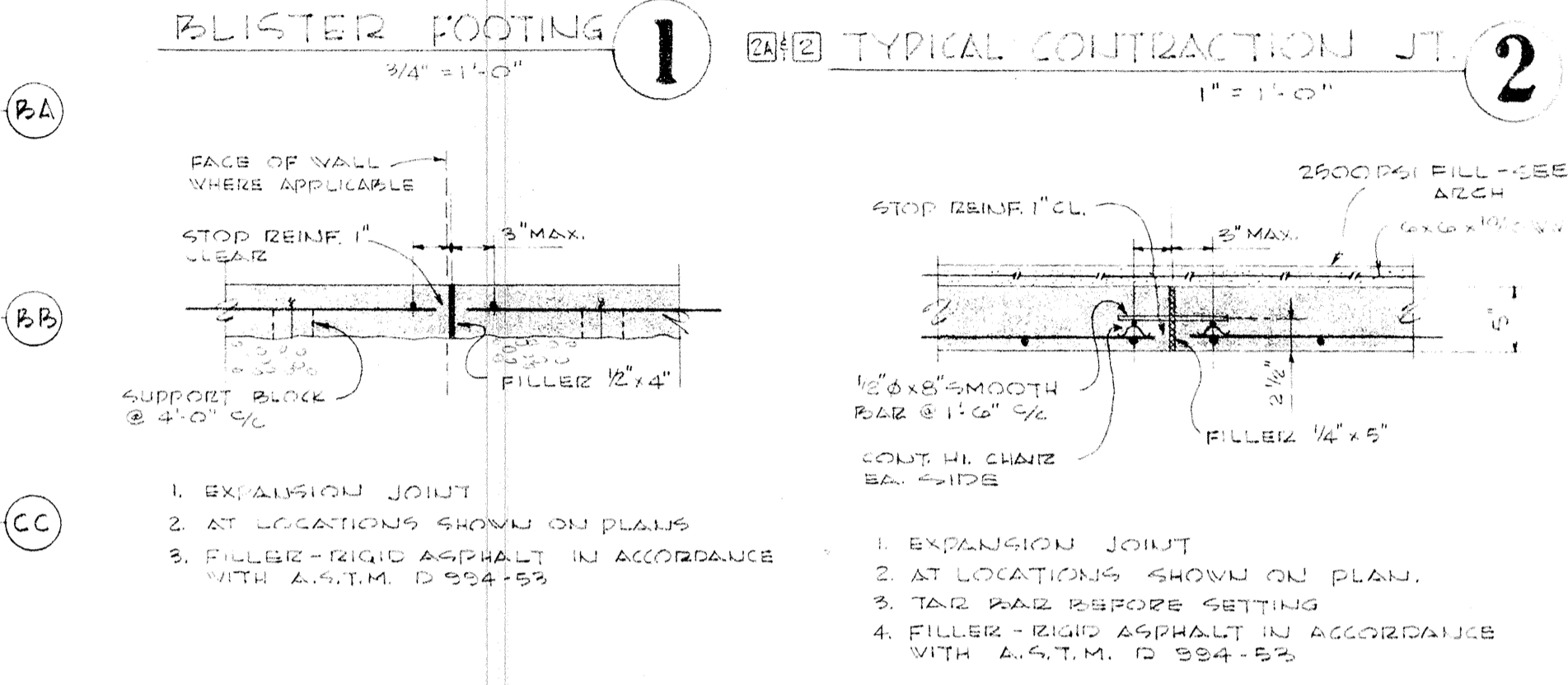
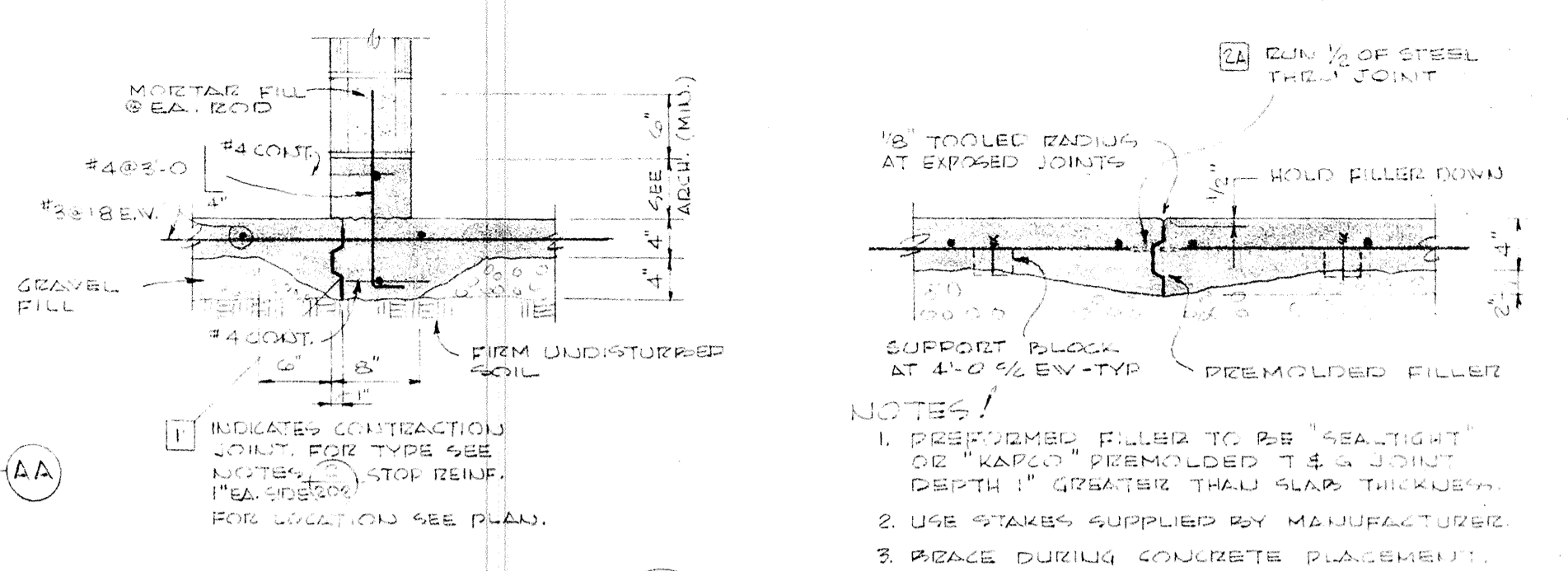
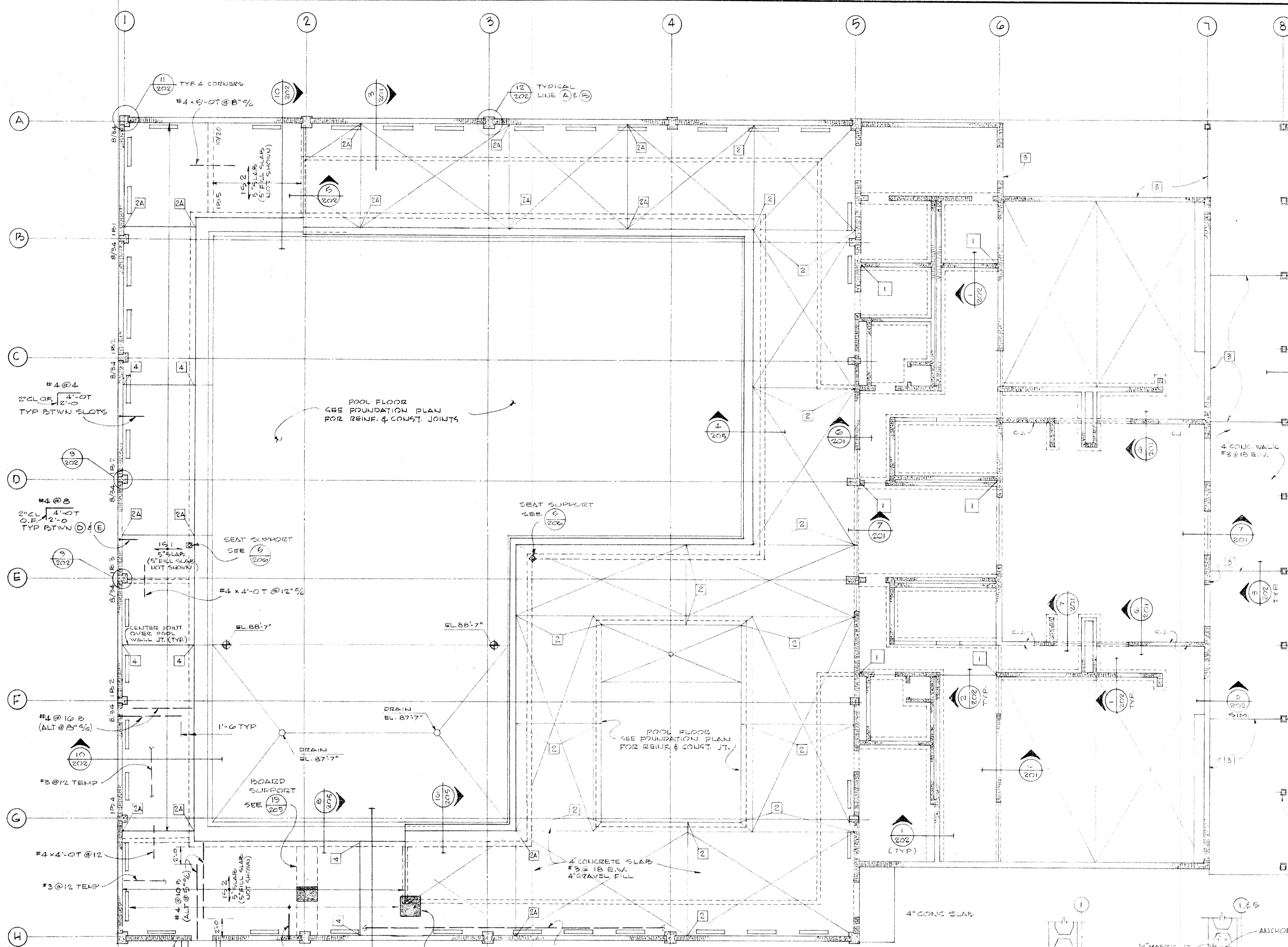


14 SHELVES 14 DOOR JAMB 15
SCALE 1/2"=1'-0"

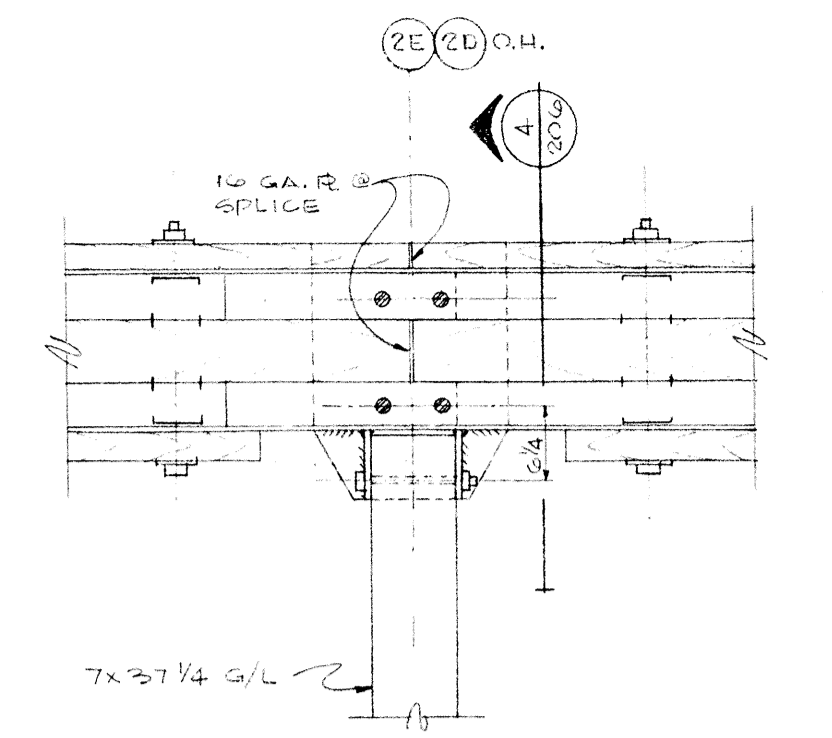
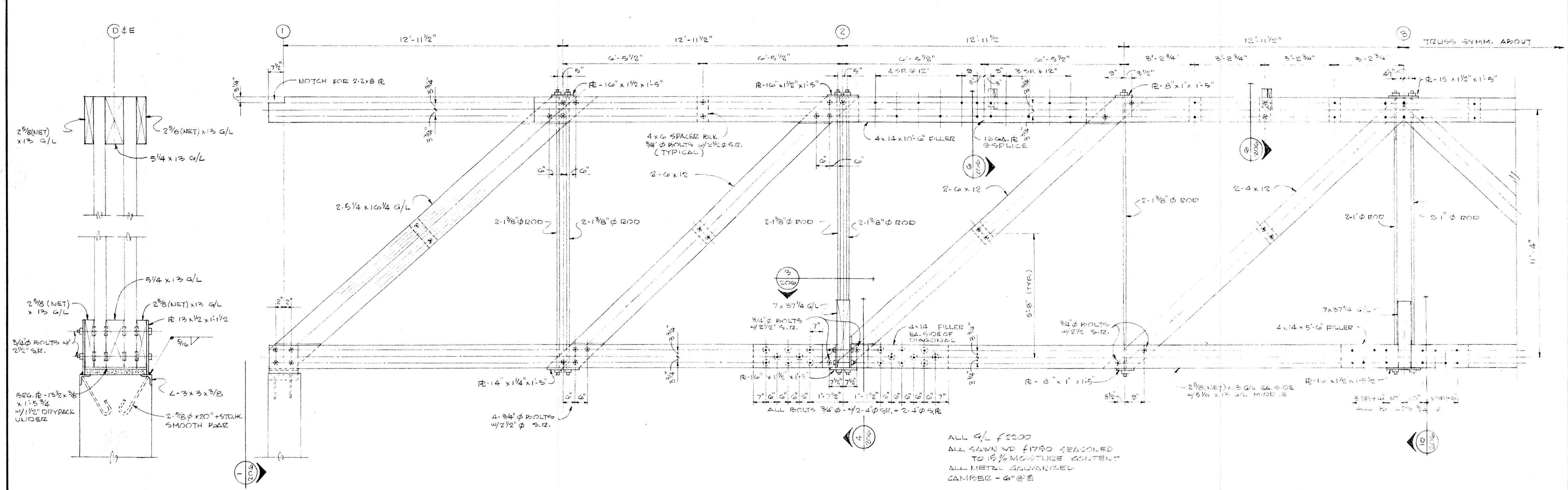


13 WINDOW HEAD 13 DOOR HEAD 16
SCALE 3/8"=1'-0"

	DRAWN ASHTON CHECKED 111 DATE MARCH 21, 66 REVISIONS	INTERIOR ELEVATIONS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY
	EDmundson ARCHITECTS PORTLAND, OREGON	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS
	444 PITTOCK BLOCK PORTLAND, OREGON 97205	TELEPHONE 227-1158



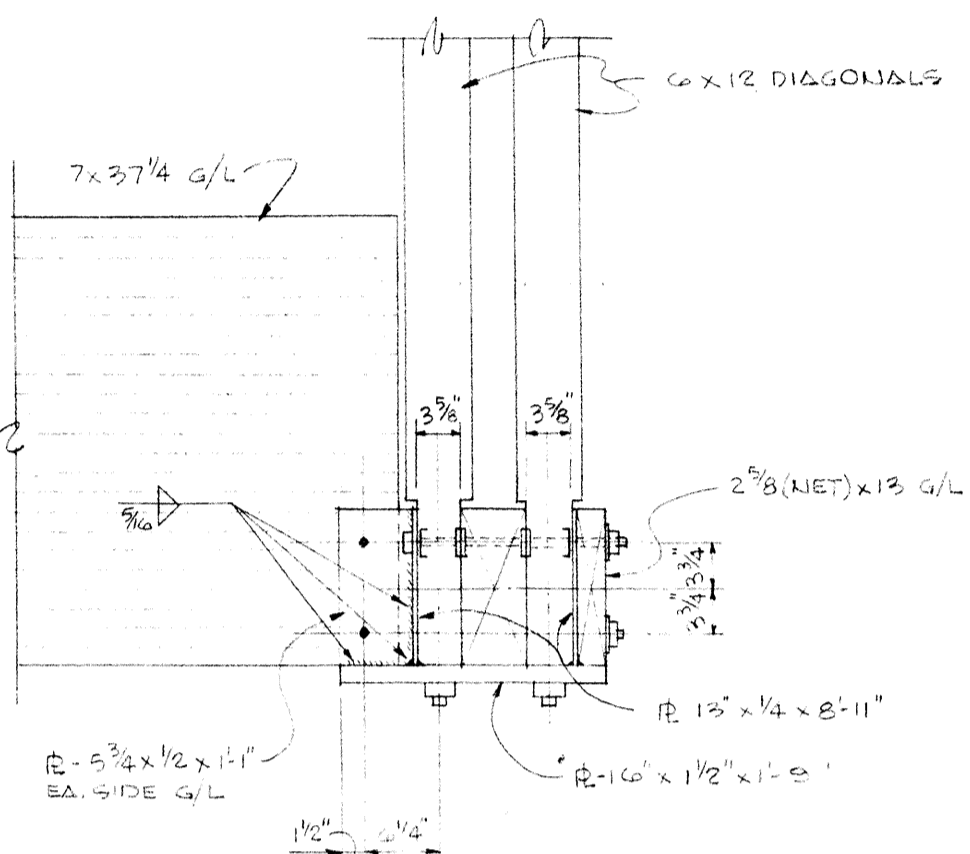
	DRAWN BY	202	MAIN FLOOR PLAN & DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO. 46, CLATSOP COUNTY
	CHECKED BY		
	DATE	MARCH 21, 66	
	REVISIONS		
EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS		ENGINEERS	
444 PITtock BLOCK		PORTLAND, OREGON 97205	
		TELEPHONE 227-1158	



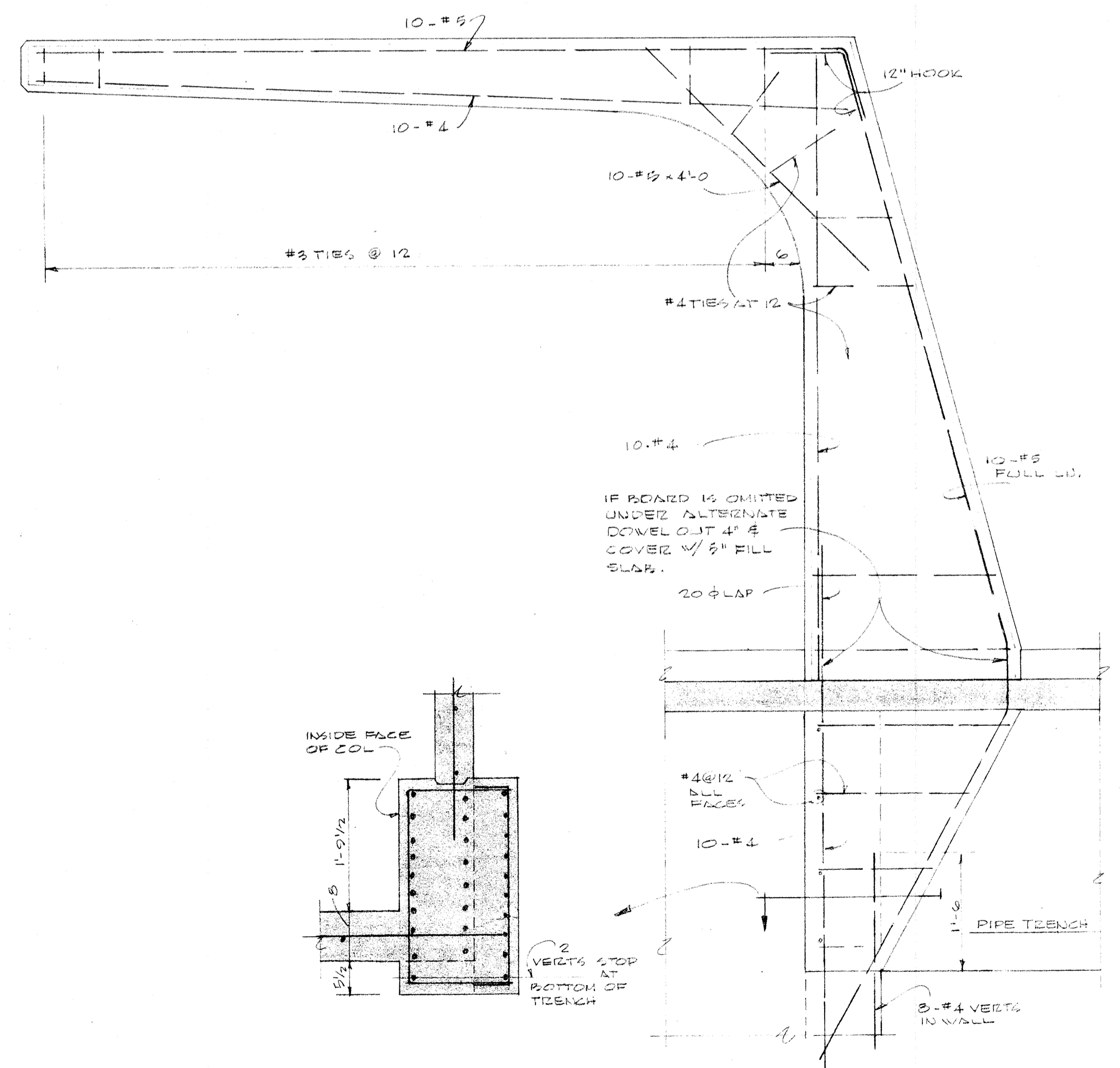
PLAN OF JOINT AT LINE 2-3

CONN. AT COLS. 1

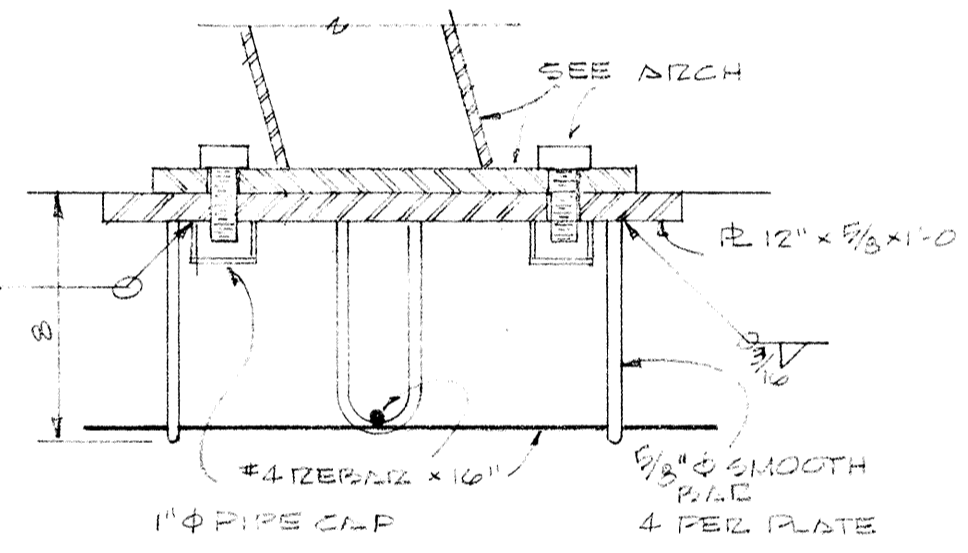
ROOF TRUSSES 2



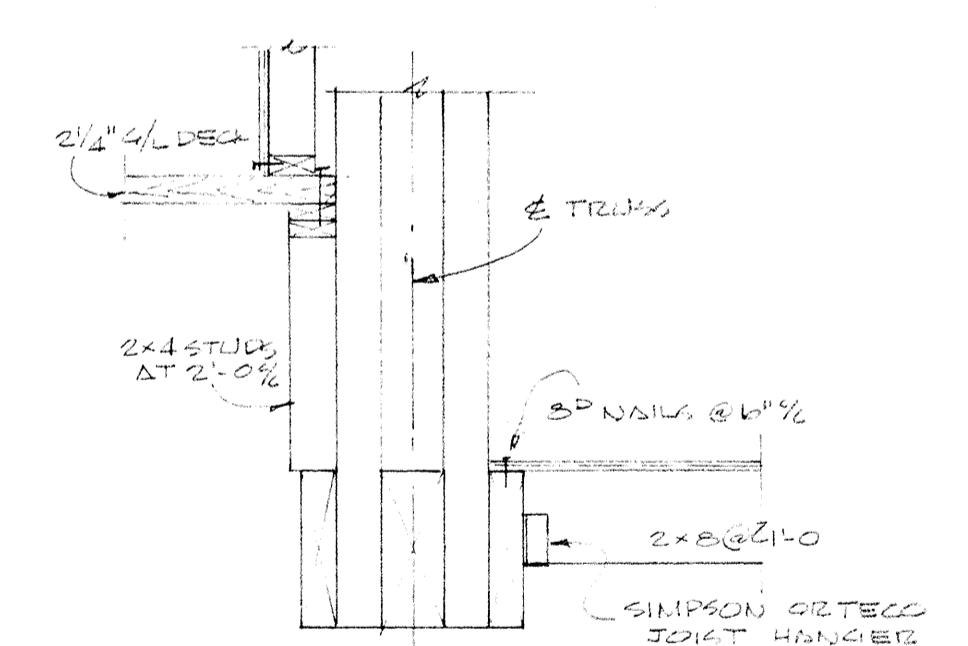
SECTION - JOINT AT LINE 2-4



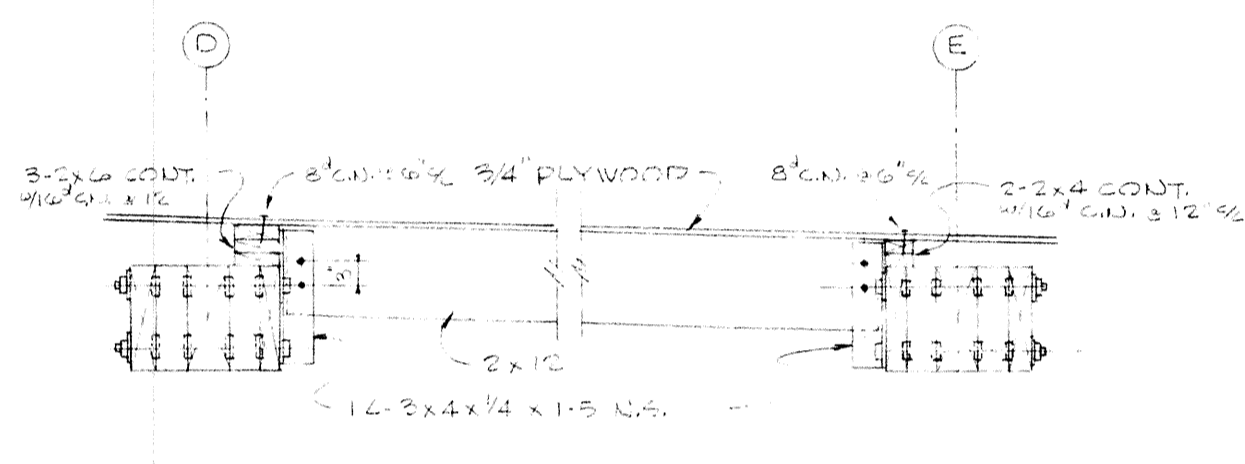
THREE METER BOARD 11



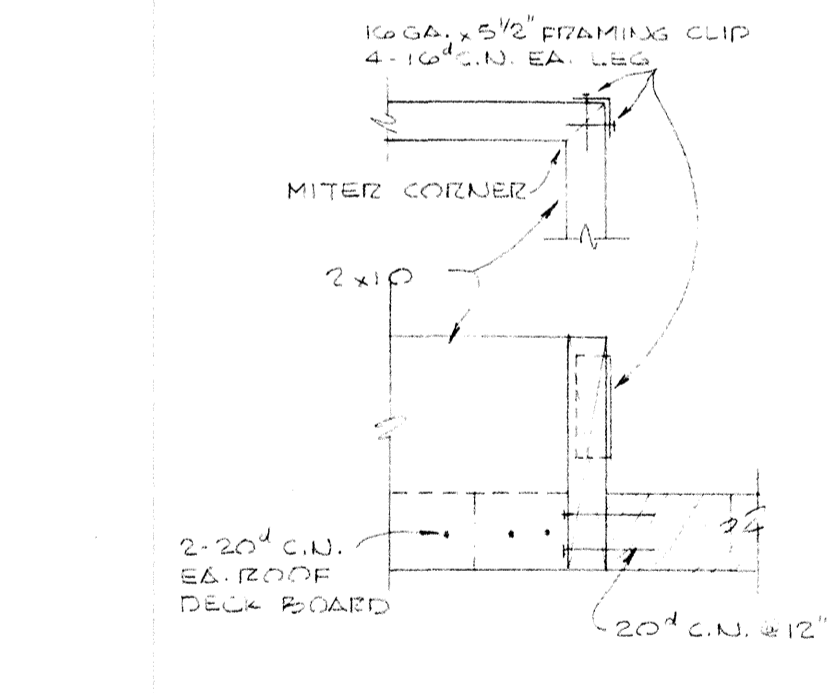
LIFE GUARD CHAIR BASE 5



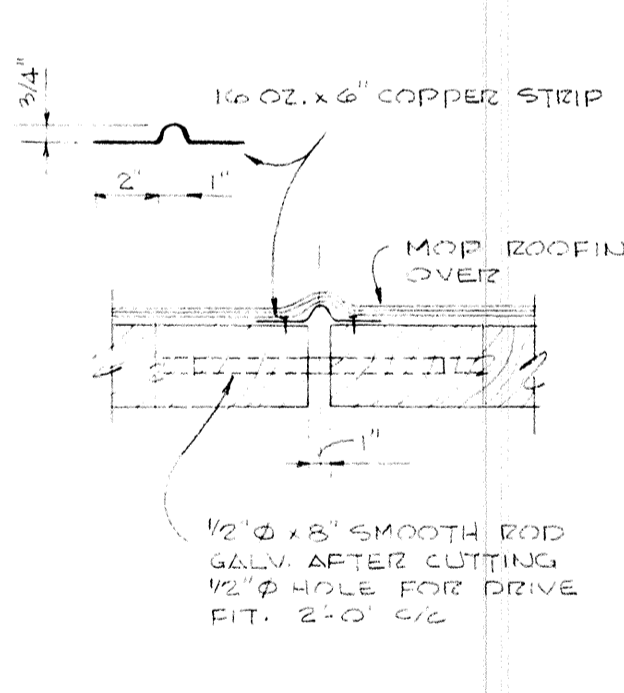
TRUSS - DECK CONN 7



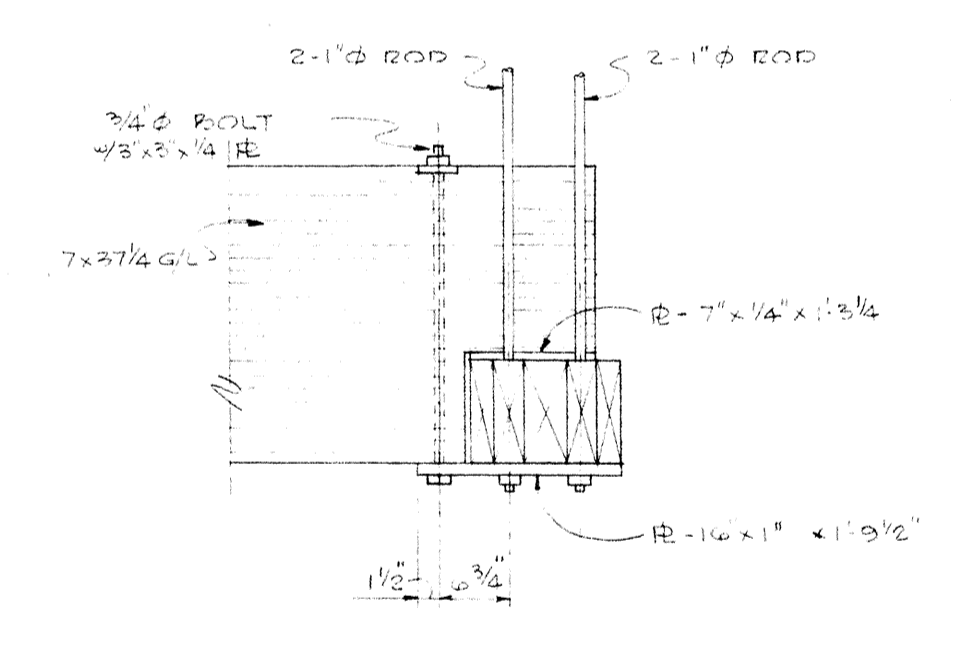
TRUSS TIES 6



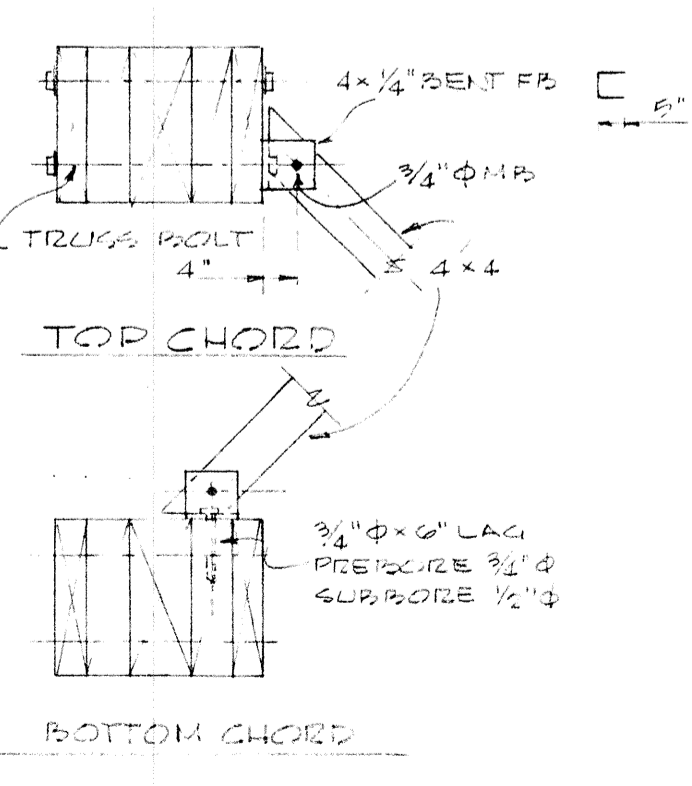
SKYLIGHT CURB 8



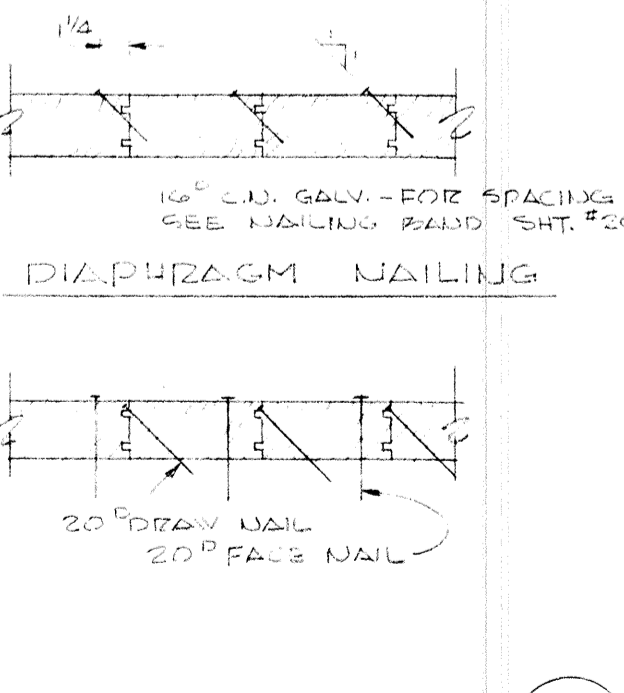
SHEAR KEY AT ROOF EXPANSION JT. 9



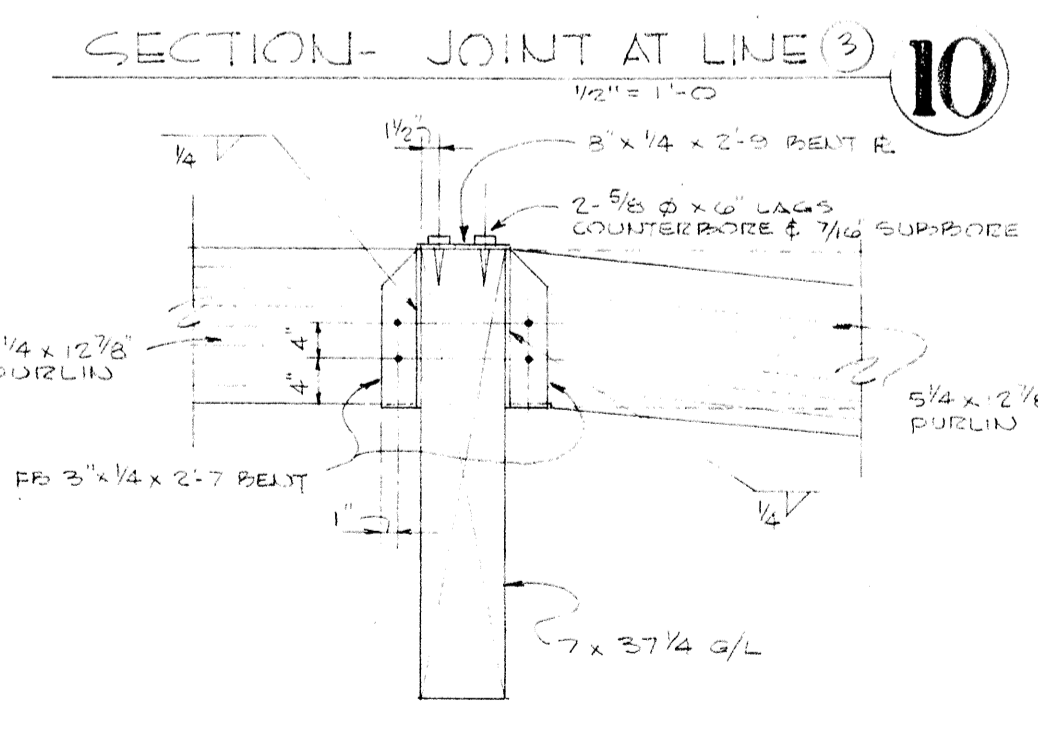
SECTION - JOINT AT LINE 3-10



DIAGONAL BRACE CONN 14

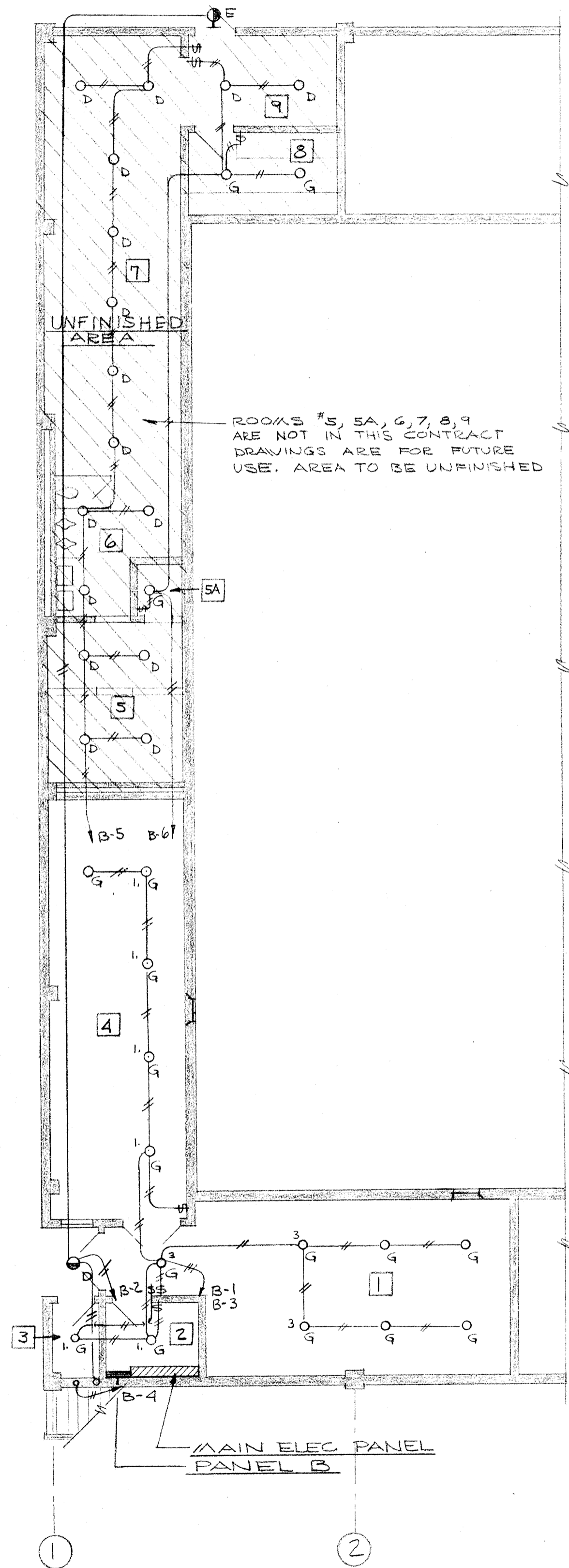


DECK NAILING 12

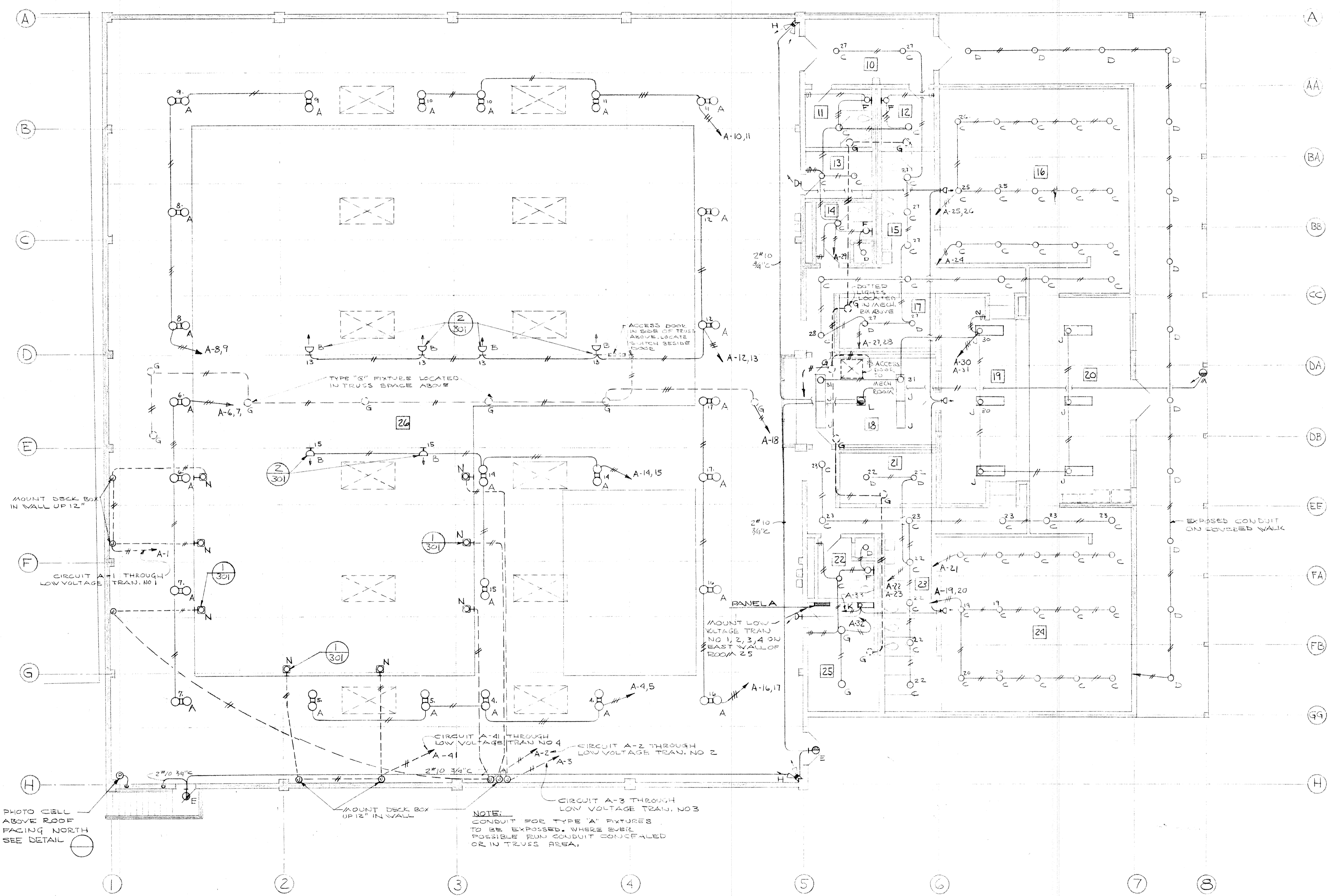


TYPICAL PURLIN CONN. 13

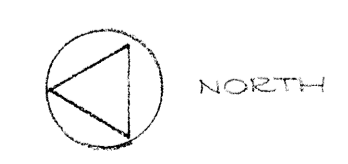
	DRAWN ST CHECKED ST 206 DATE March 21, 66 REVISIONS	MISCELLANEOUS DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLATSOP COUNTY
	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 FITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158	



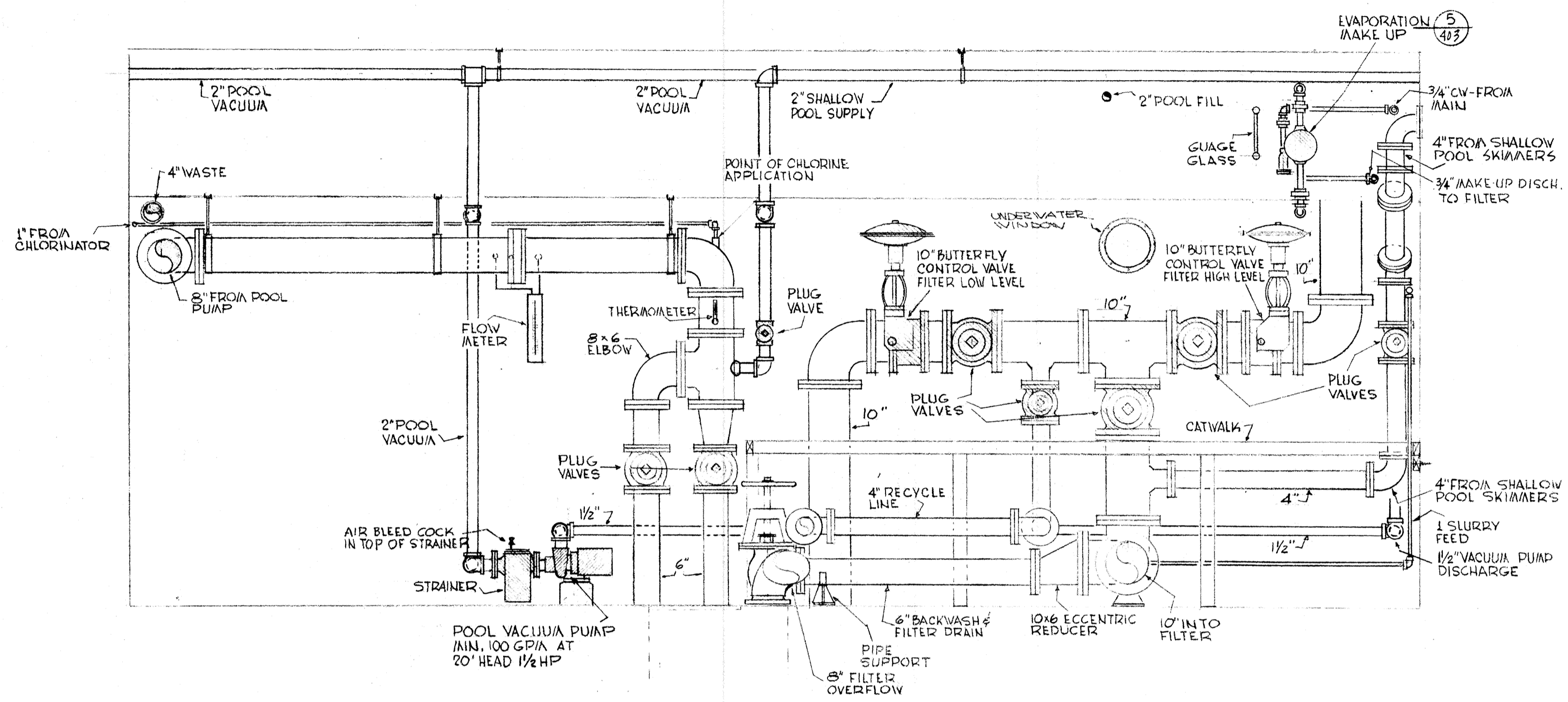
BASEMENT FLOOR PLAN-LIGHTING
SCALE 1/8"=1'-0"



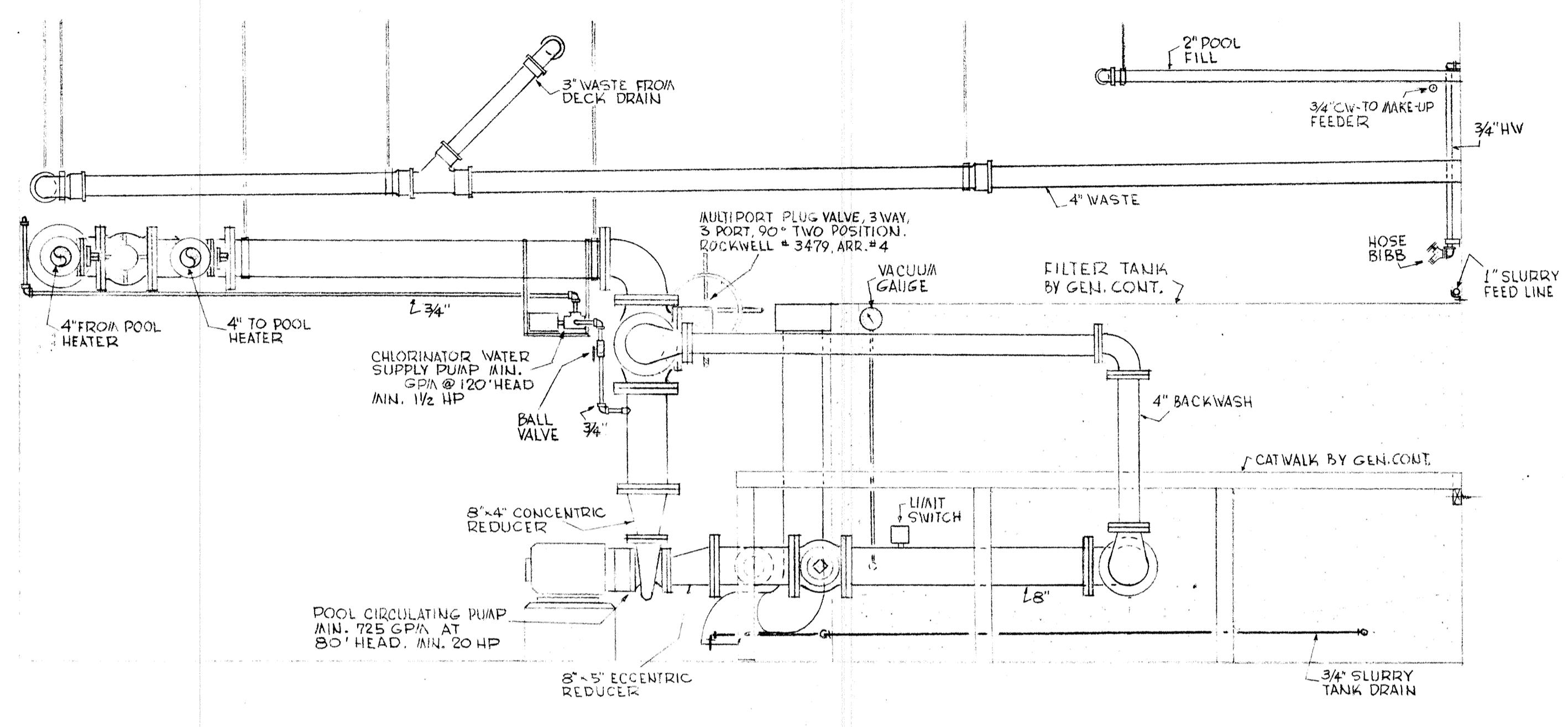
MAIN FLOOR PLAN - LIGHTING
SCALE 1/8"=1'-0"



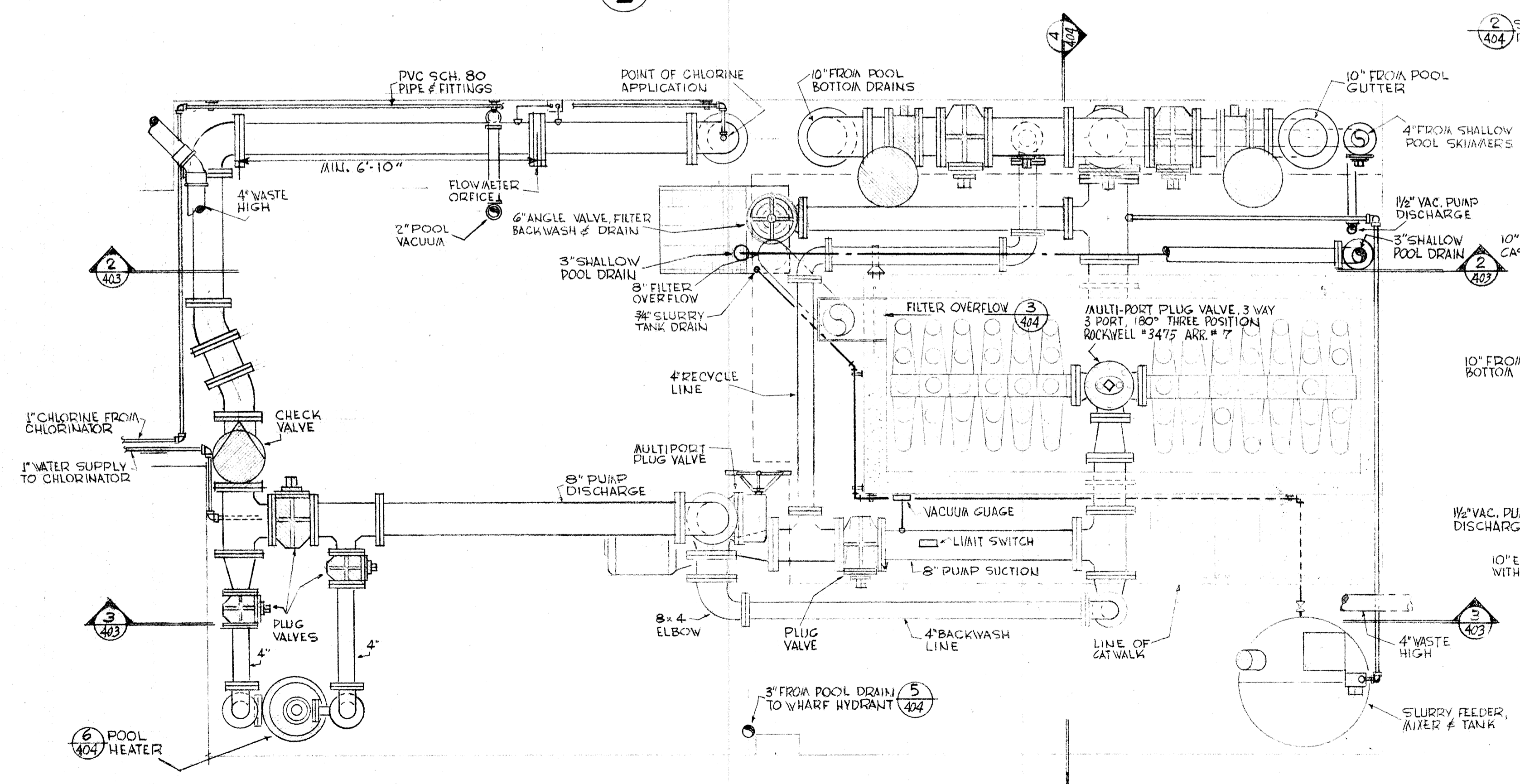
	DRAWN ASHTON	302	BASEMENT & MAIN FLOOR PLAN LIGHTING
	CHECKED		SWIMMING POOL FOR SANDY OREGON
	DRAWING	SCHOOL DISTRICT NO 46 CLATSOP COUNTY	
	DATE	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS	
REVISIONS	444 PITTOCK BLOCK PORTLAND, OREGON 97205	TELEPHONE 227-1158	



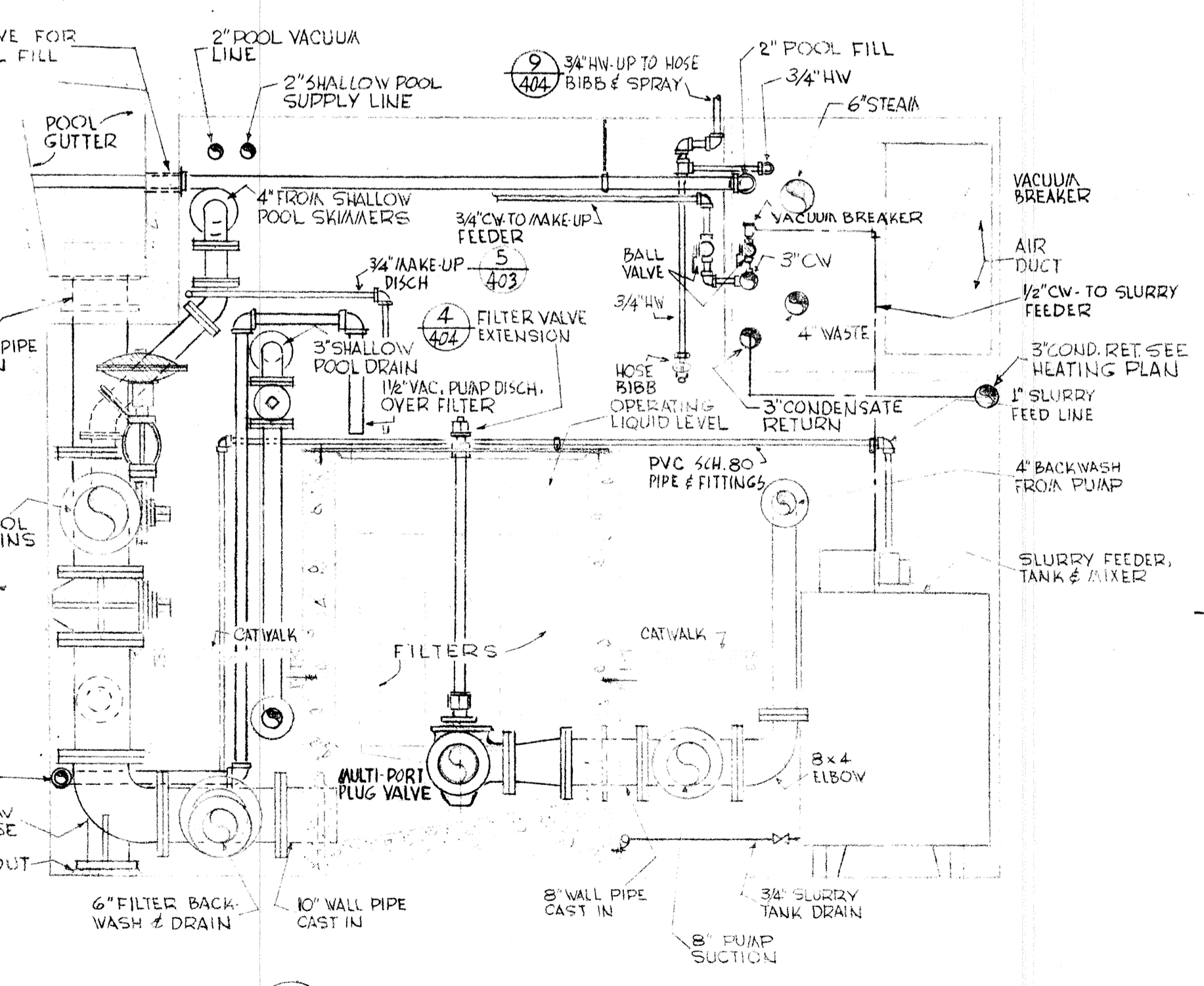
2 SECTION SCALE 1/2" = 1'-0"



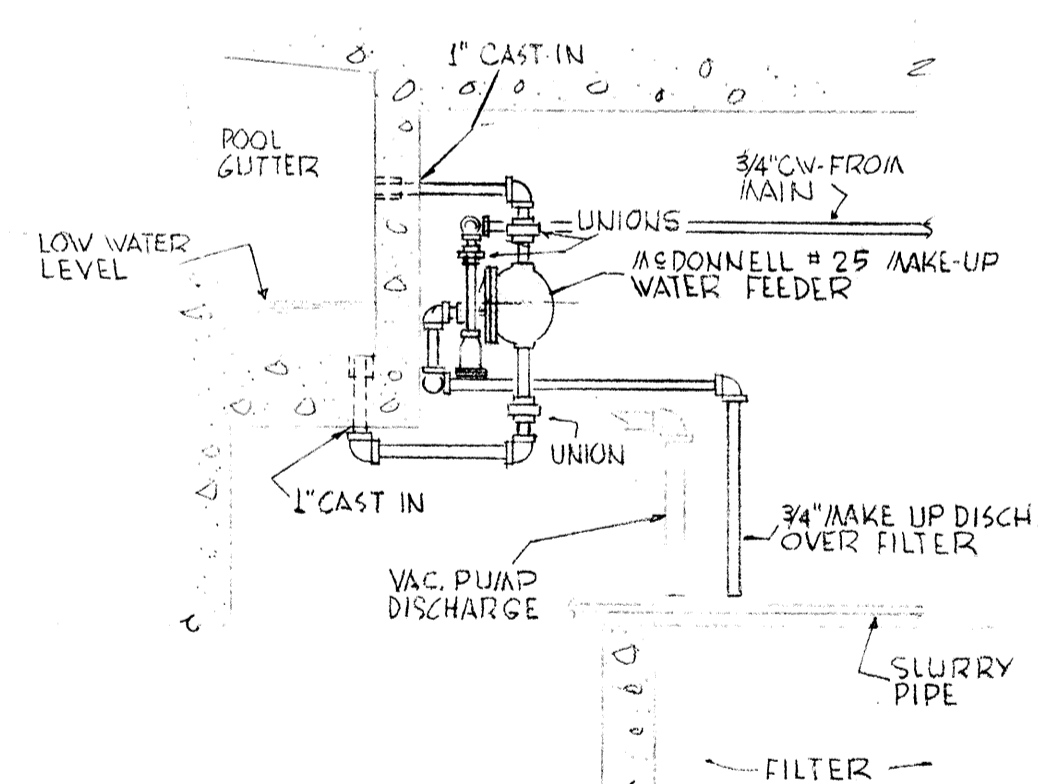
3 SECTION SCALE 1/2" = 1'-0"



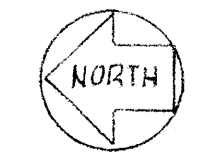
1 POOL MECHANICAL RM. PLAN SCALE 1/2" = 1'-0"



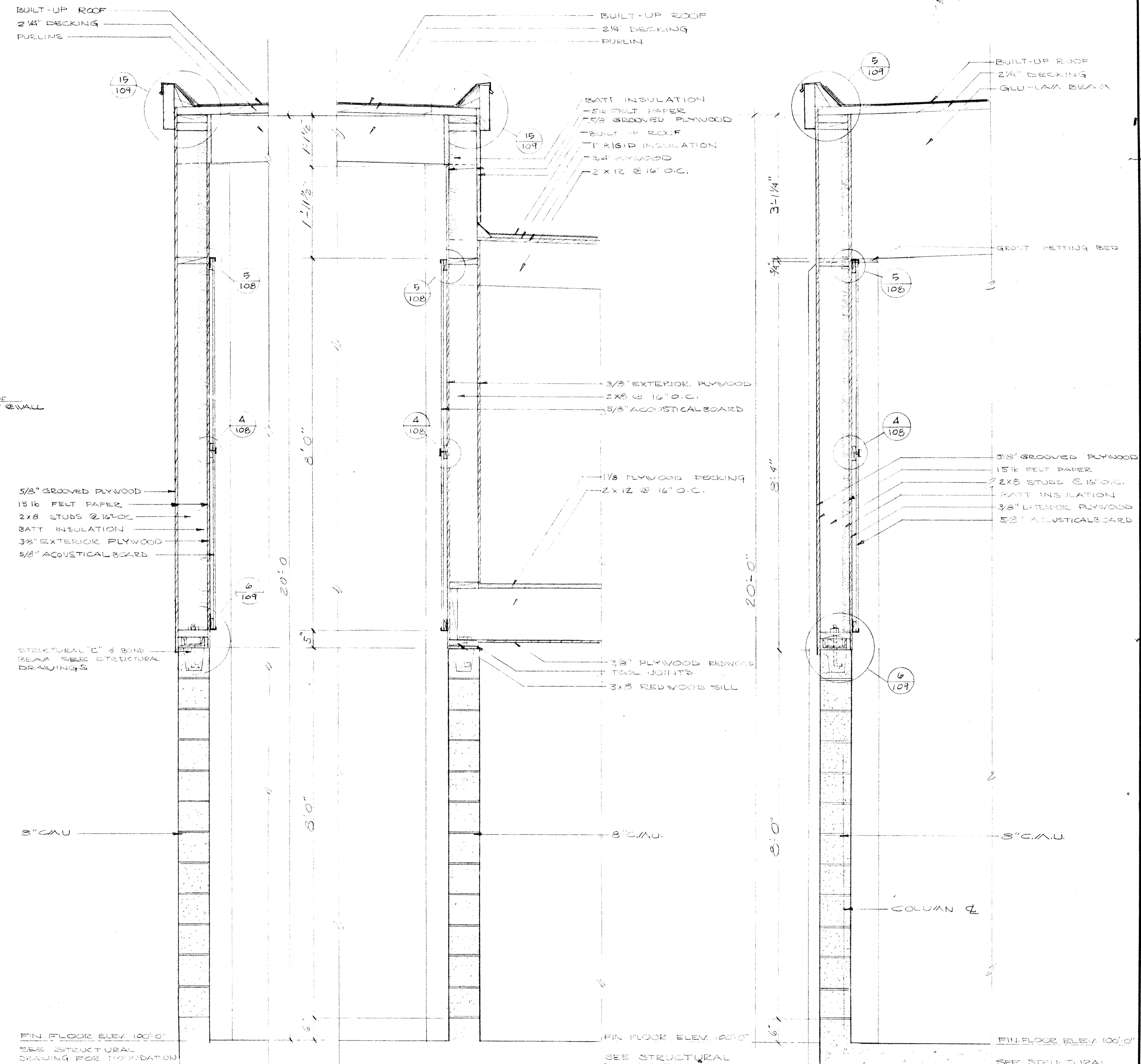
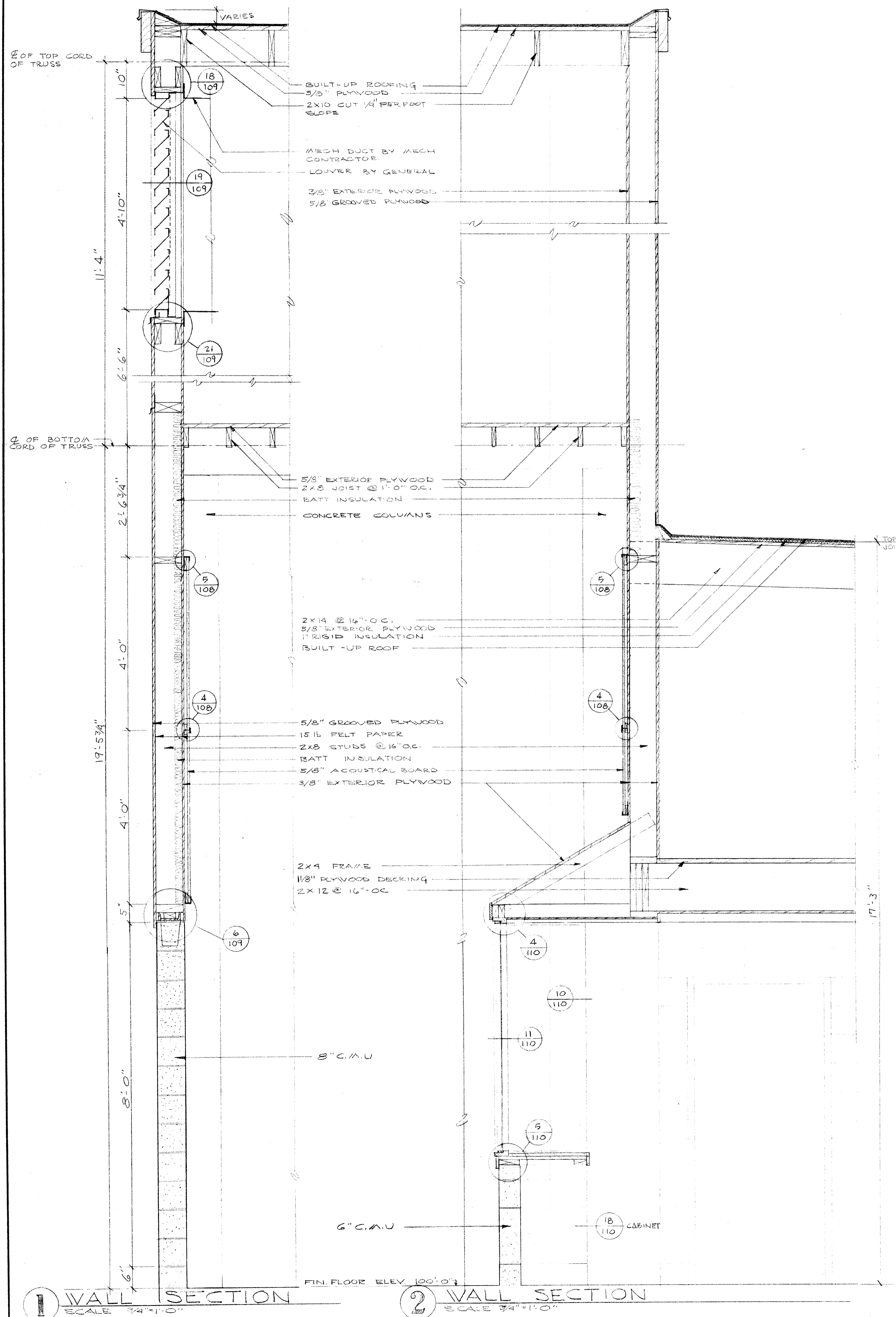
4 SECTION SCALE 1/2" = 1'-0"



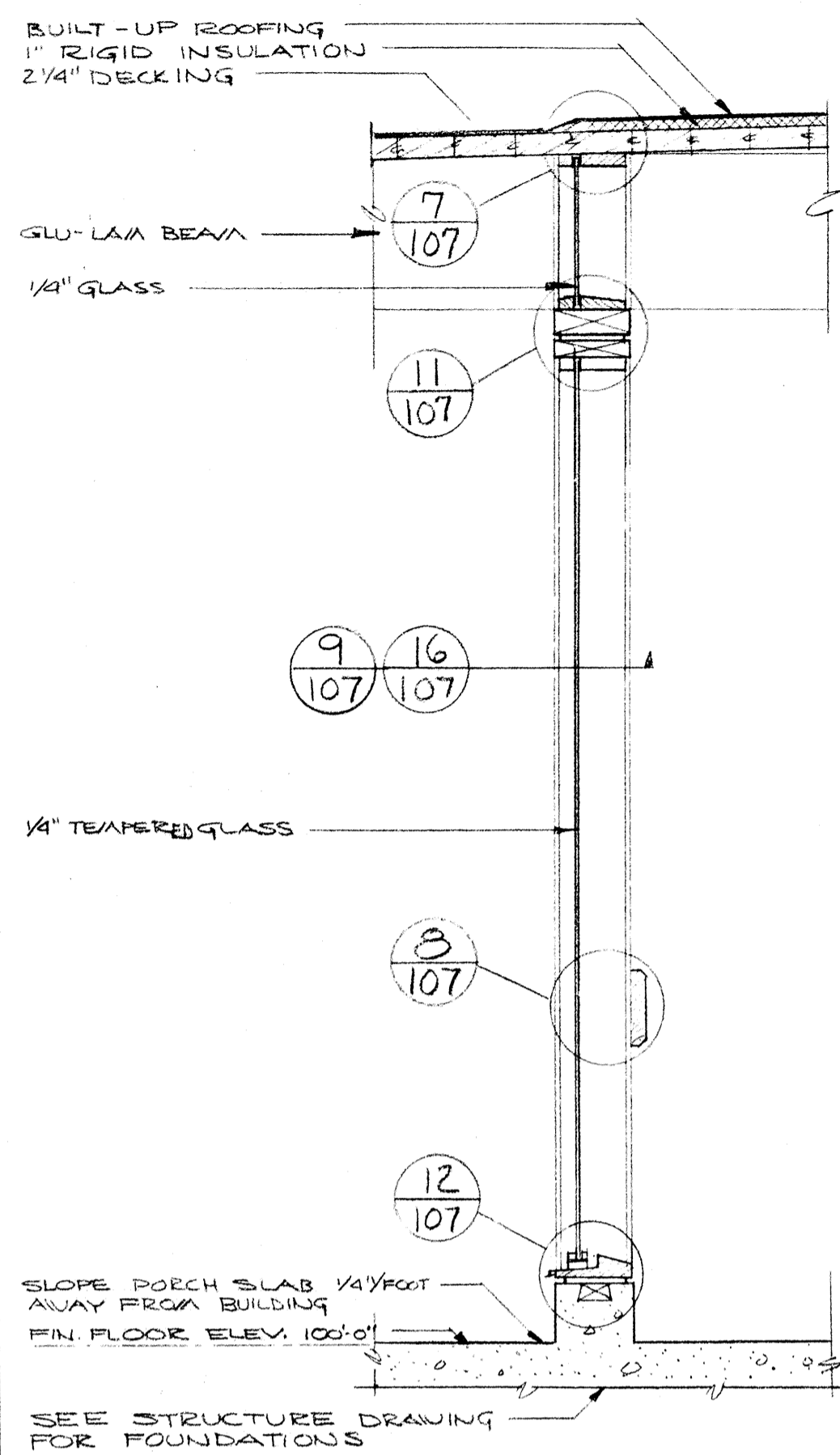
5 EVAPORATION MAKE-UP SCALE 1/2" = 1'-0"



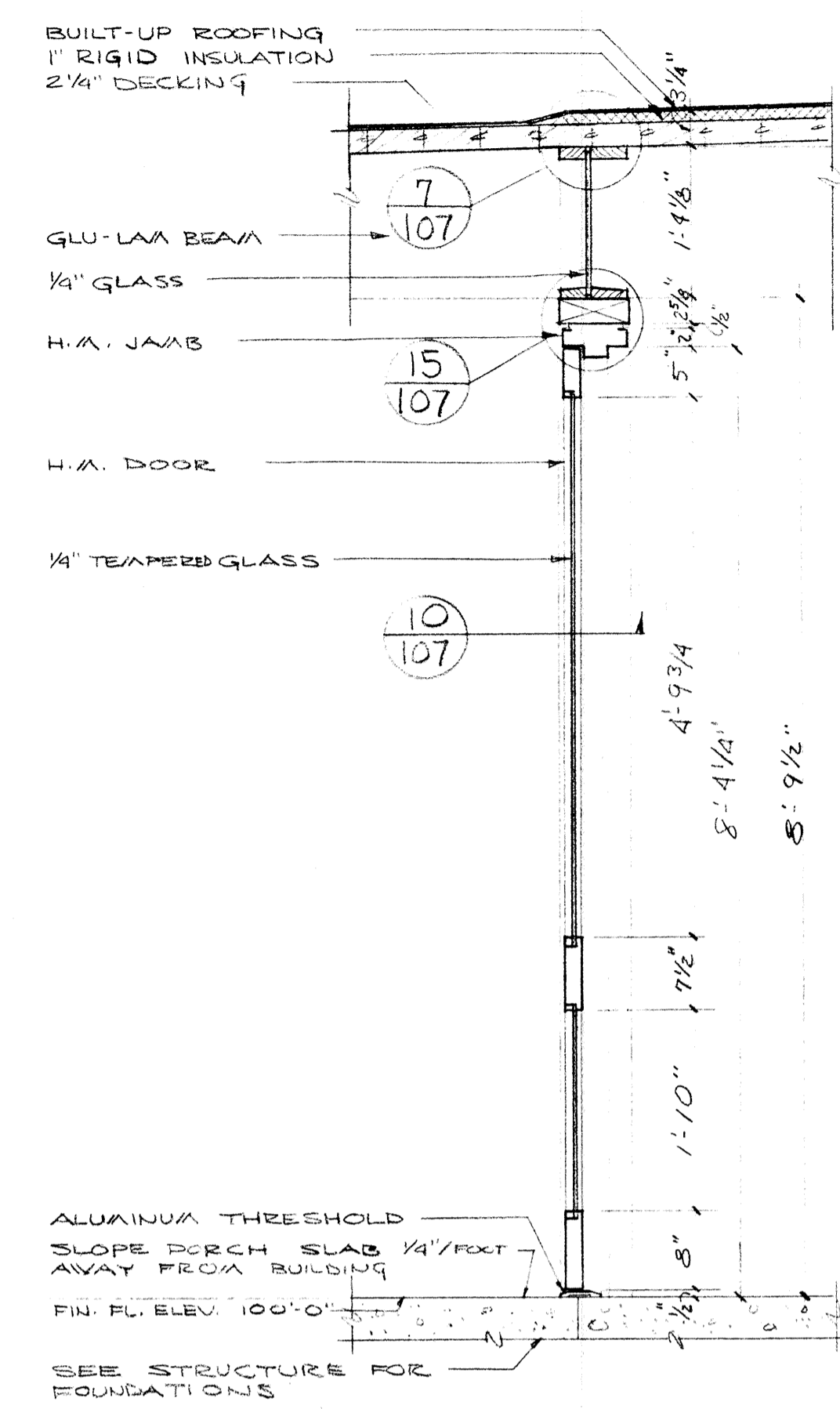
	DRAWN	403	POOL MECHANICAL PLAN-DETAIL SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLATSOP COUNTY
	CHECKED		
DATE MARCH 21, 66		EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS	
REVISIONS		444 PITCOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158	



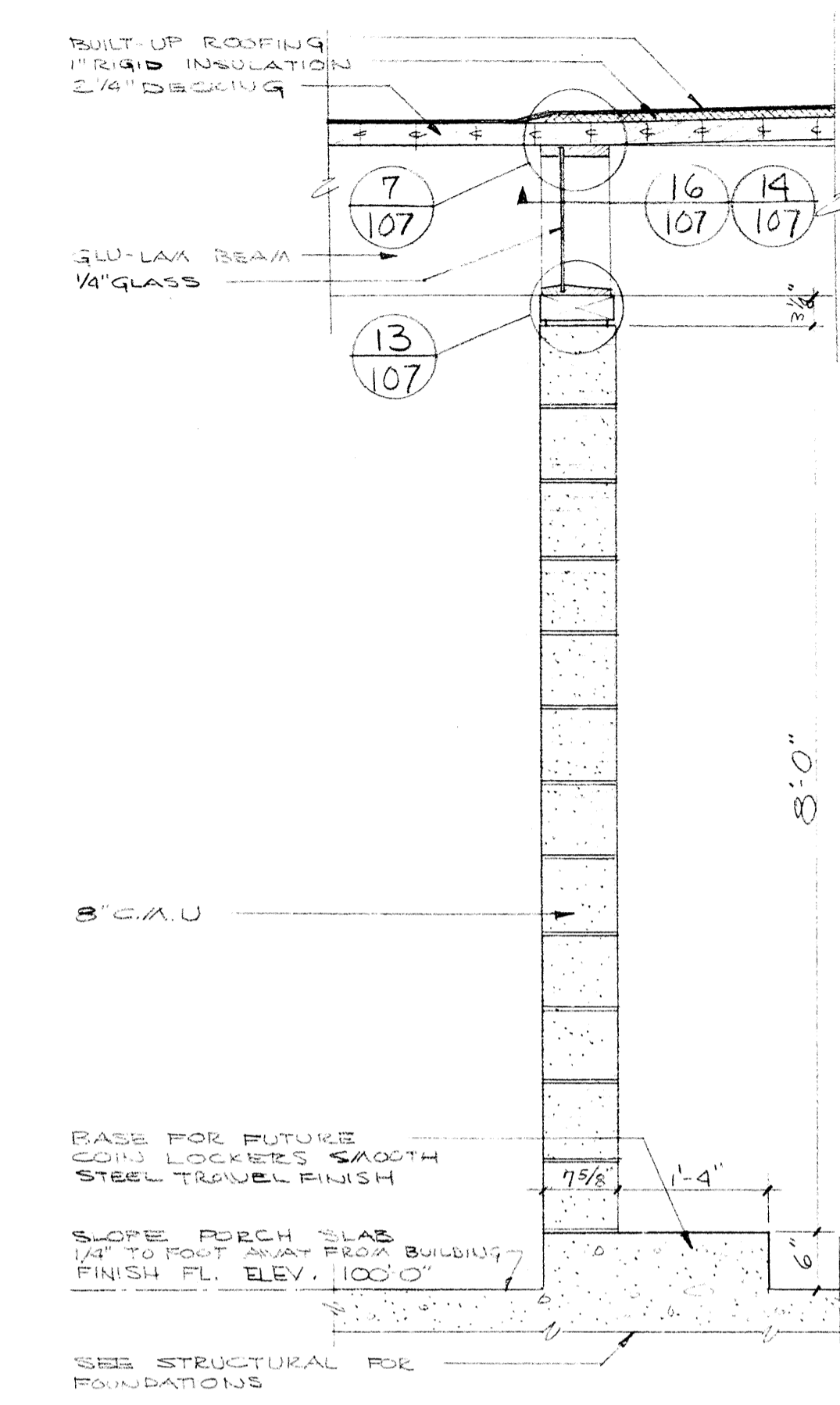
	DRAWN ASHTON CHECKED DRAWING 106 DATE 17/ARCH 21, 66 REVISIONS	WALL SECTIONS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO. 46 CLATSOP COUNTY
	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158	



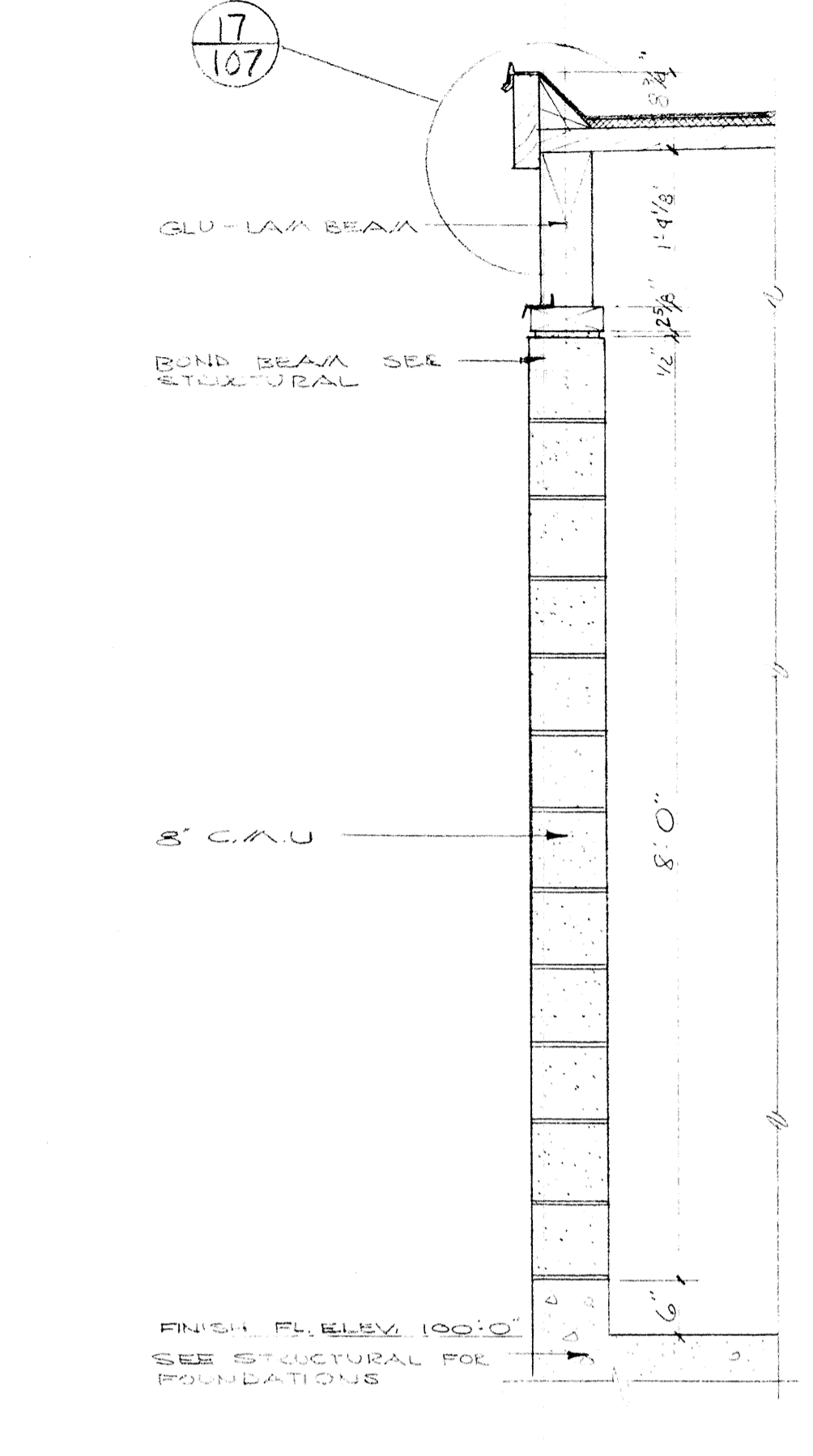
1 WALL SECTION
SCALE 3/4"=1'-0"



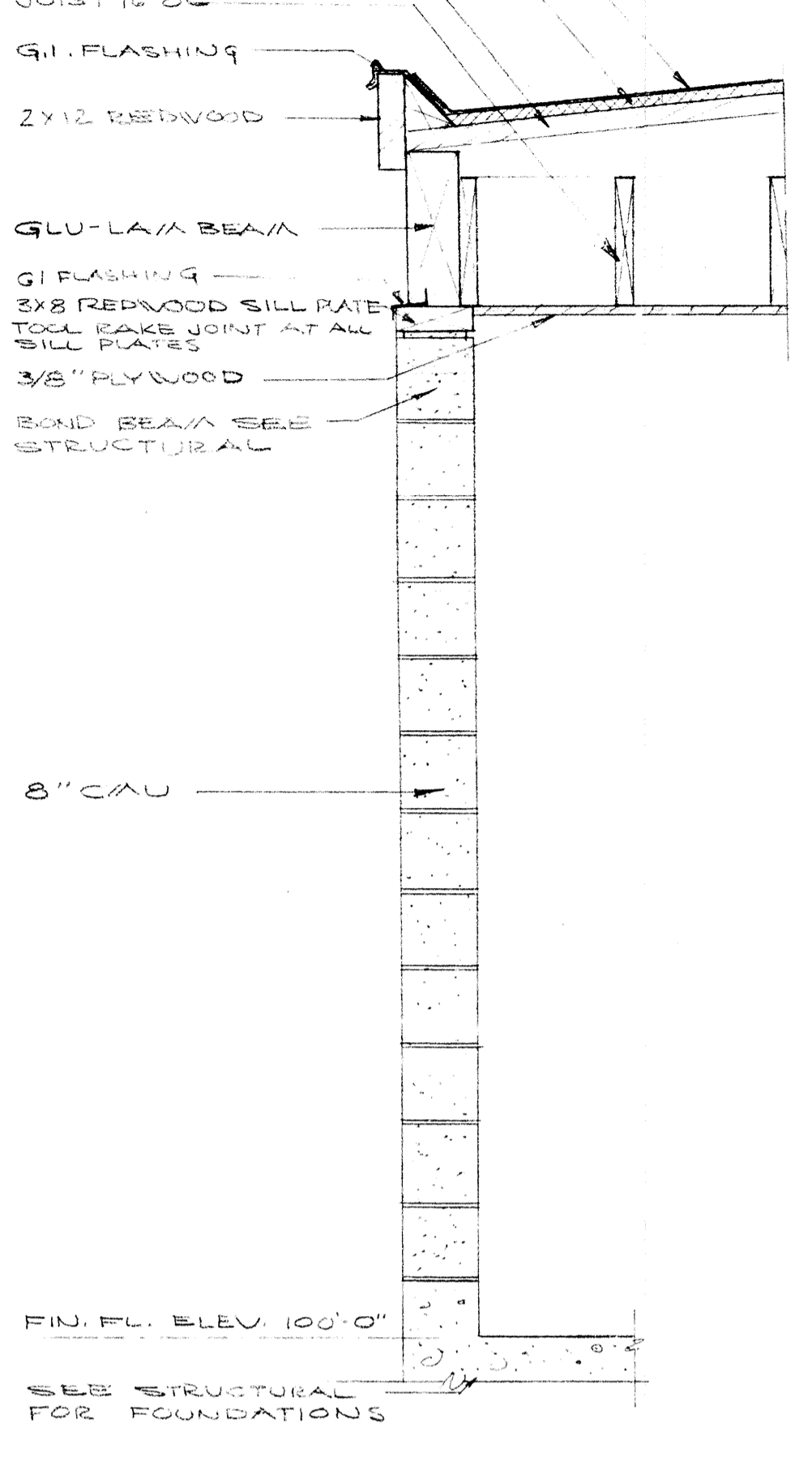
2 WALL SECTION
SCALE 3/4"=1'-0"



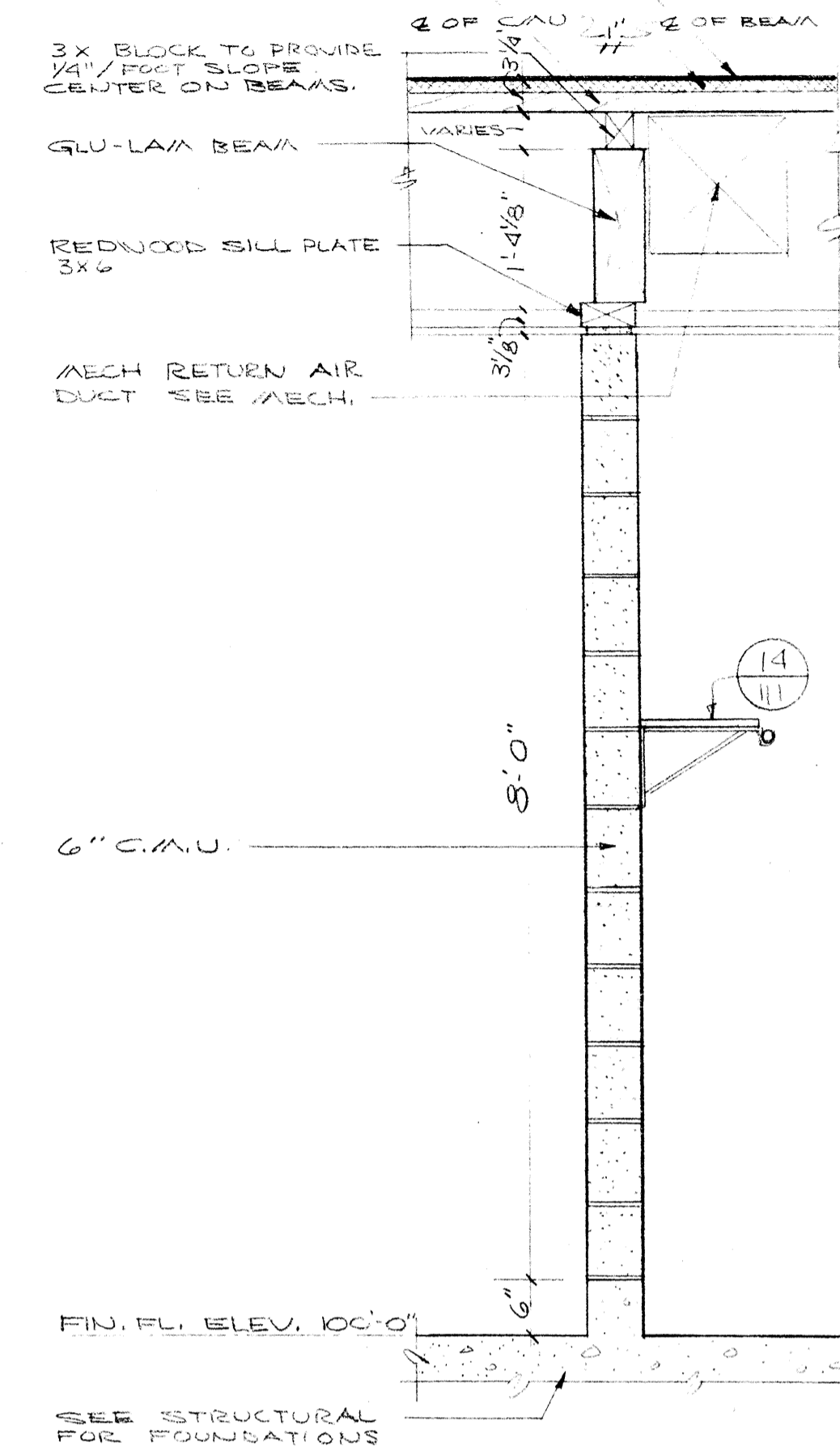
3 WALL SECTION
SCALE 3/4"=1'-0"



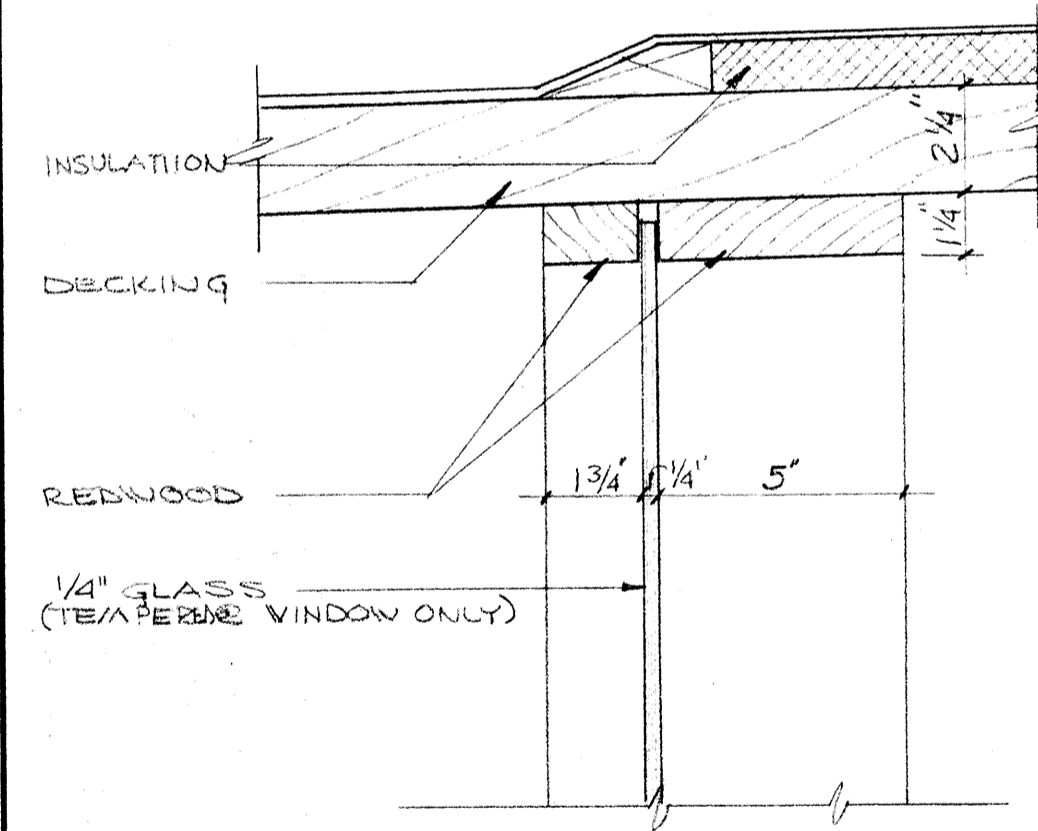
4 WALL SECTION
SCALE 3/4"=1'-0"



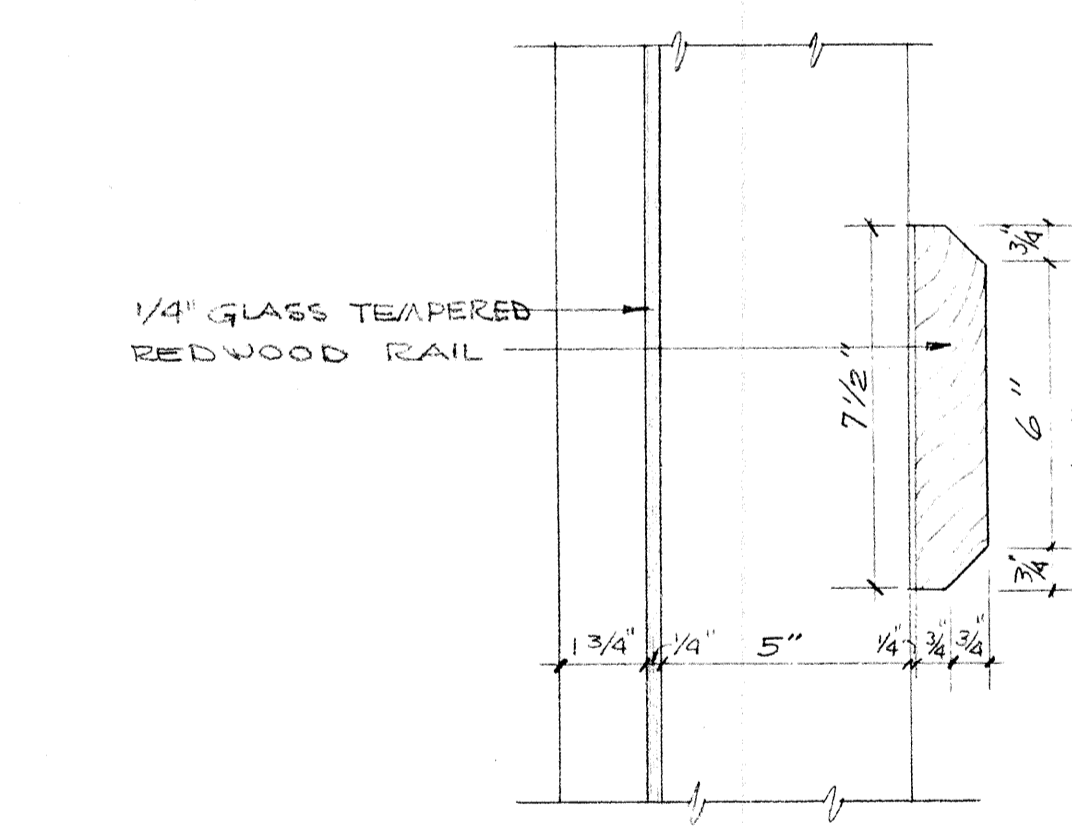
5 WALL SECTION
SCALE 3/4"=1'-0"



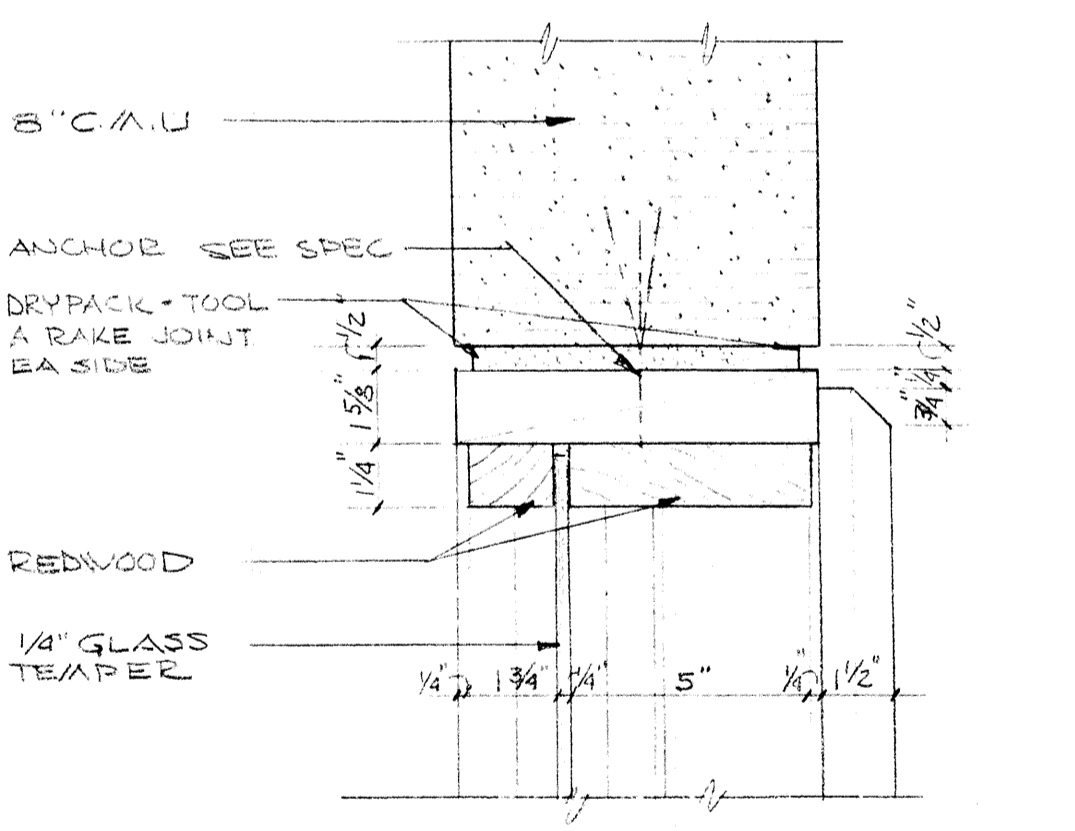
6 WALL SECTION
SCALE 3/4"=1'-0"



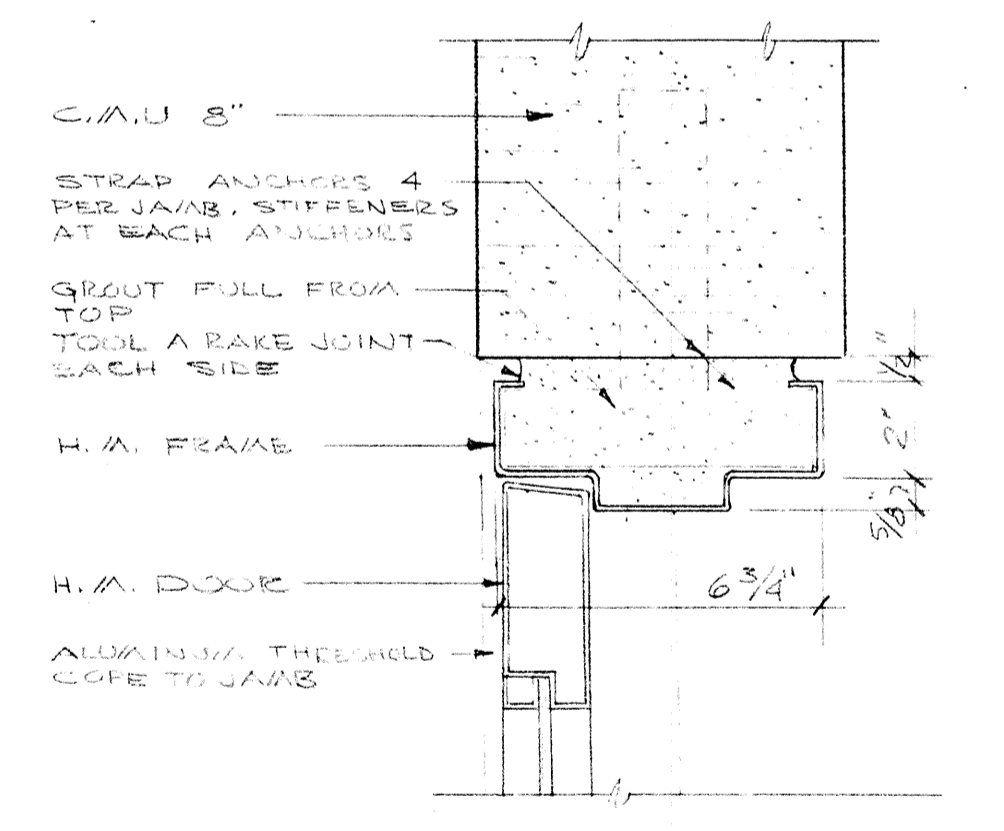
7 HEAD @ WINDOW & CLEARSTORY
SCALE 3"=1'-0"



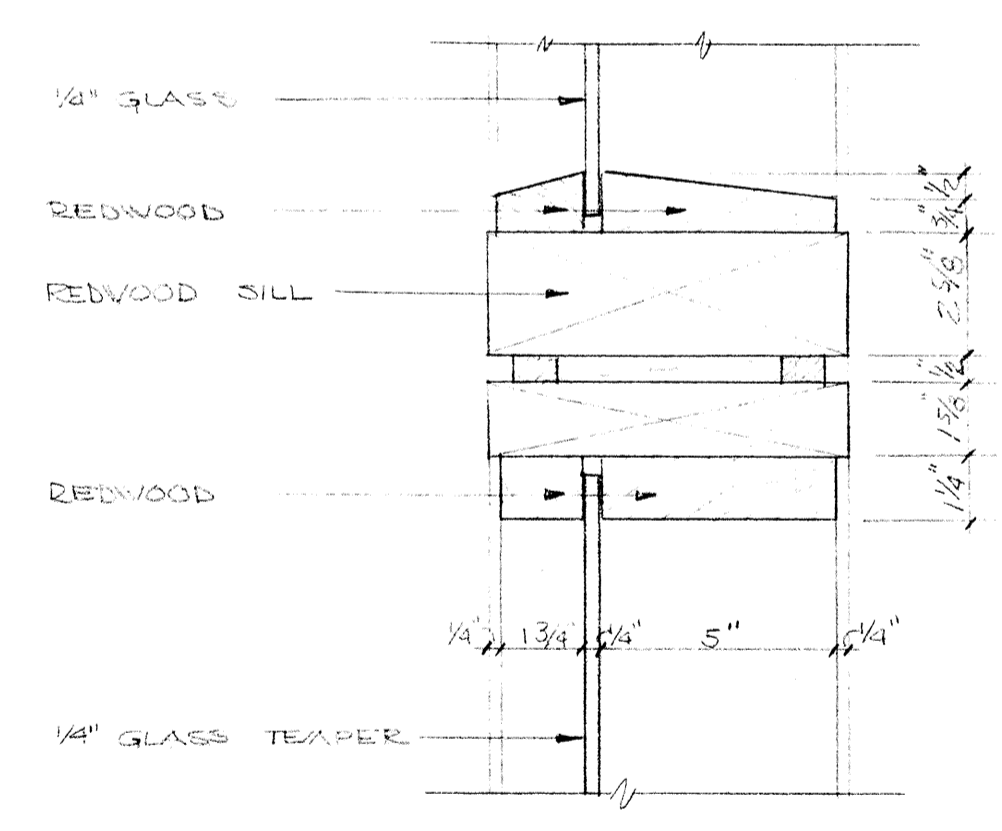
8 RAIL DETAIL @ WINDOW
SCALE 3"=1'-0"



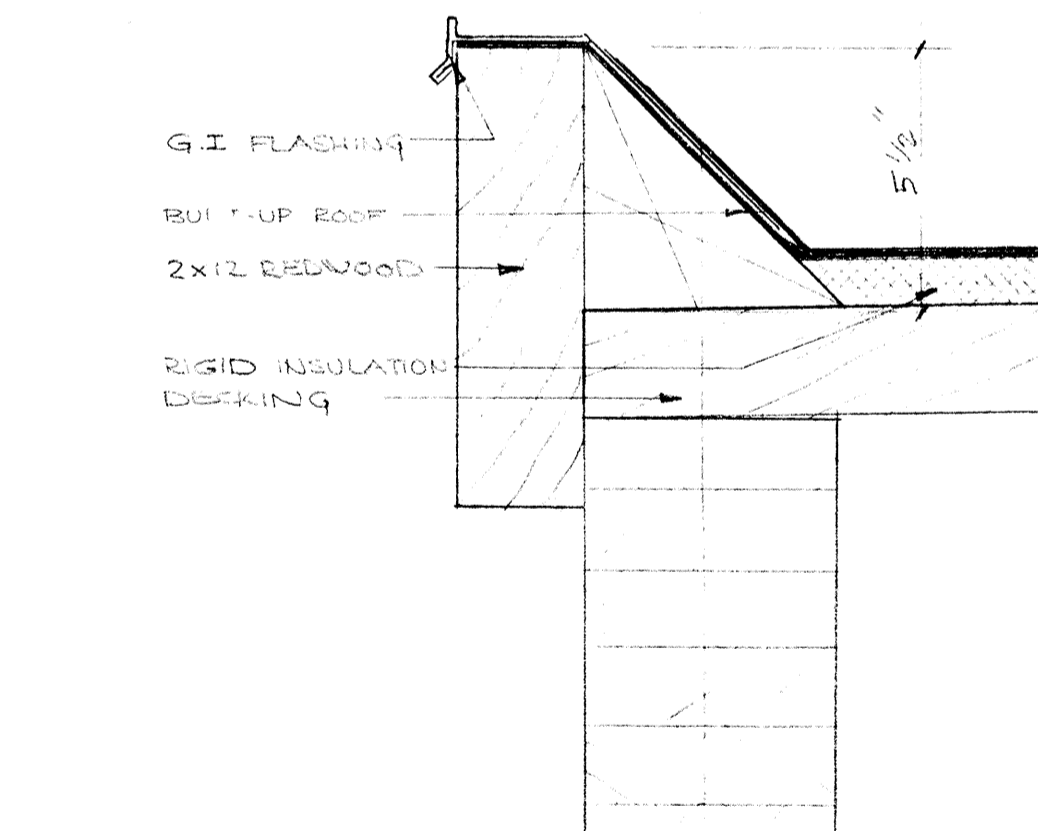
9 WINDOW JAMB @ BLOCK
SCALE 3"=1'-0"



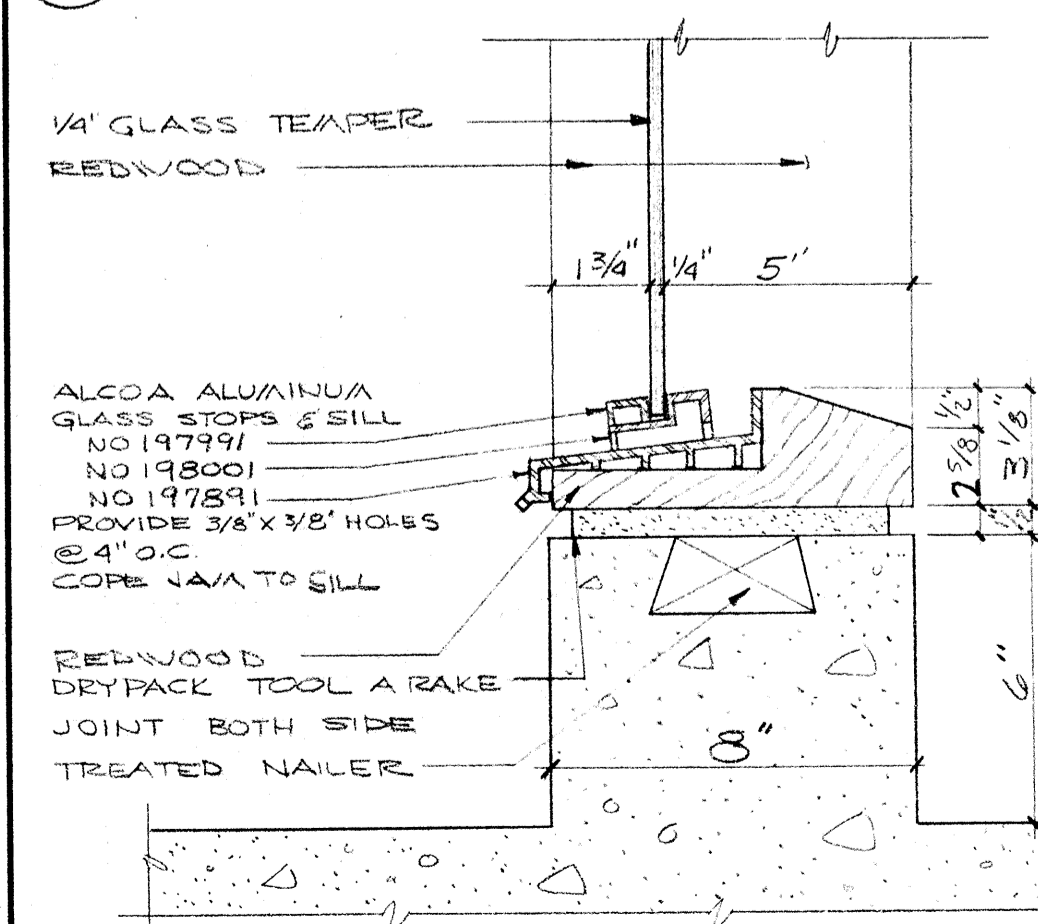
10 DOOR JAMB
SCALE 3"=1'-0"



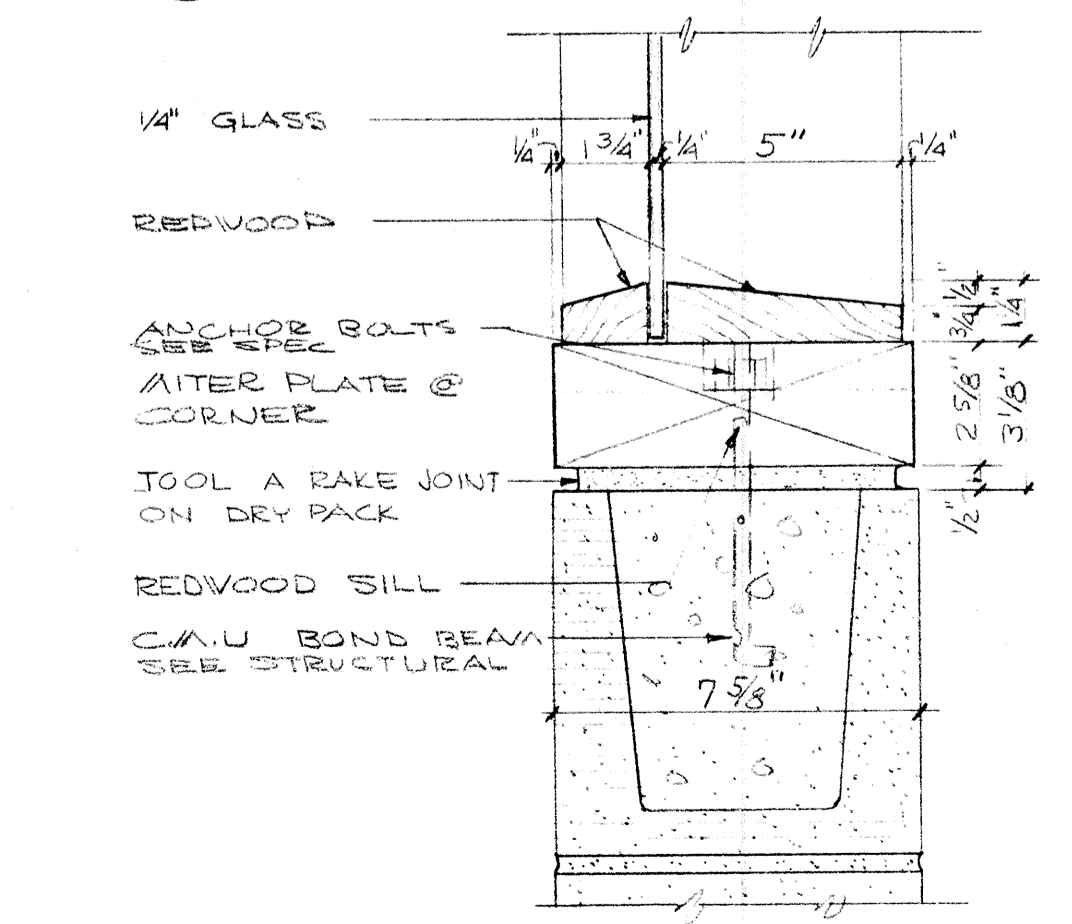
11 HORIZONTAL MULLION
SCALE 3"=1'-0"



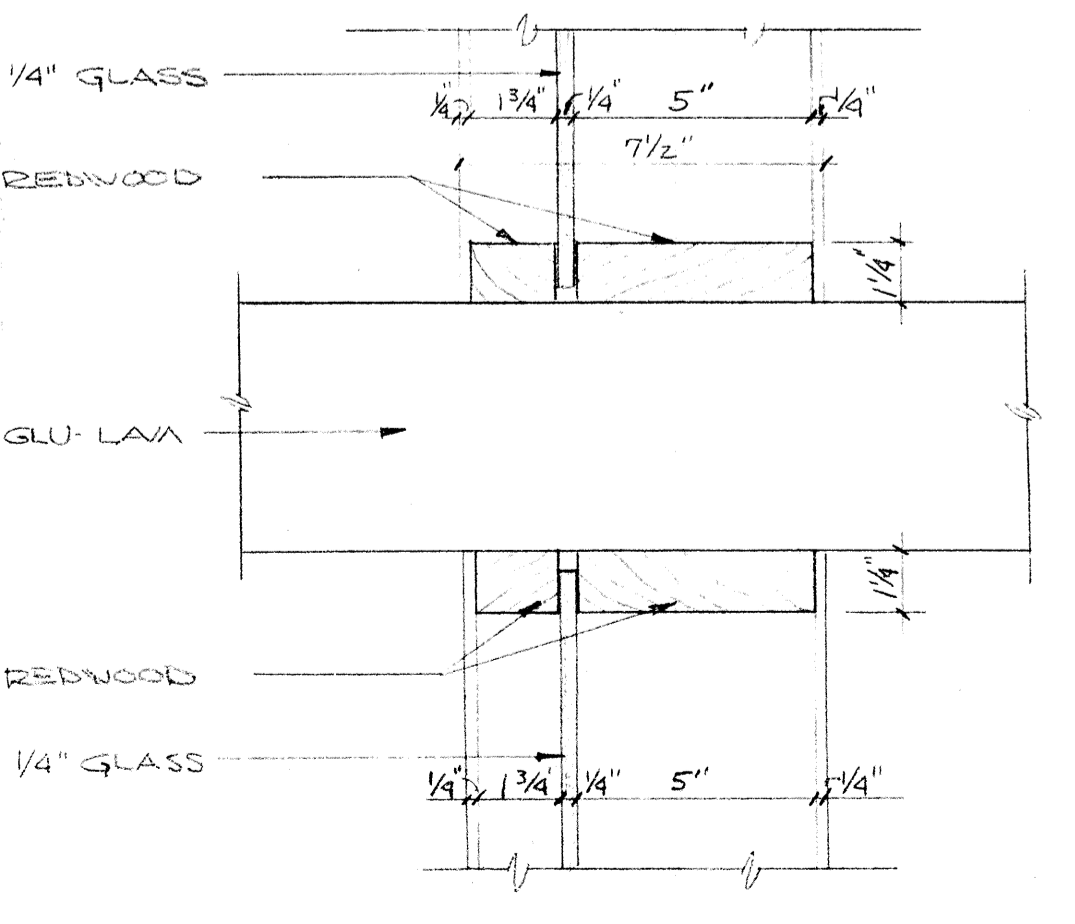
16 MULLION @ WINDOW & CLEARSTORY
SCALE 3"=1'-0"



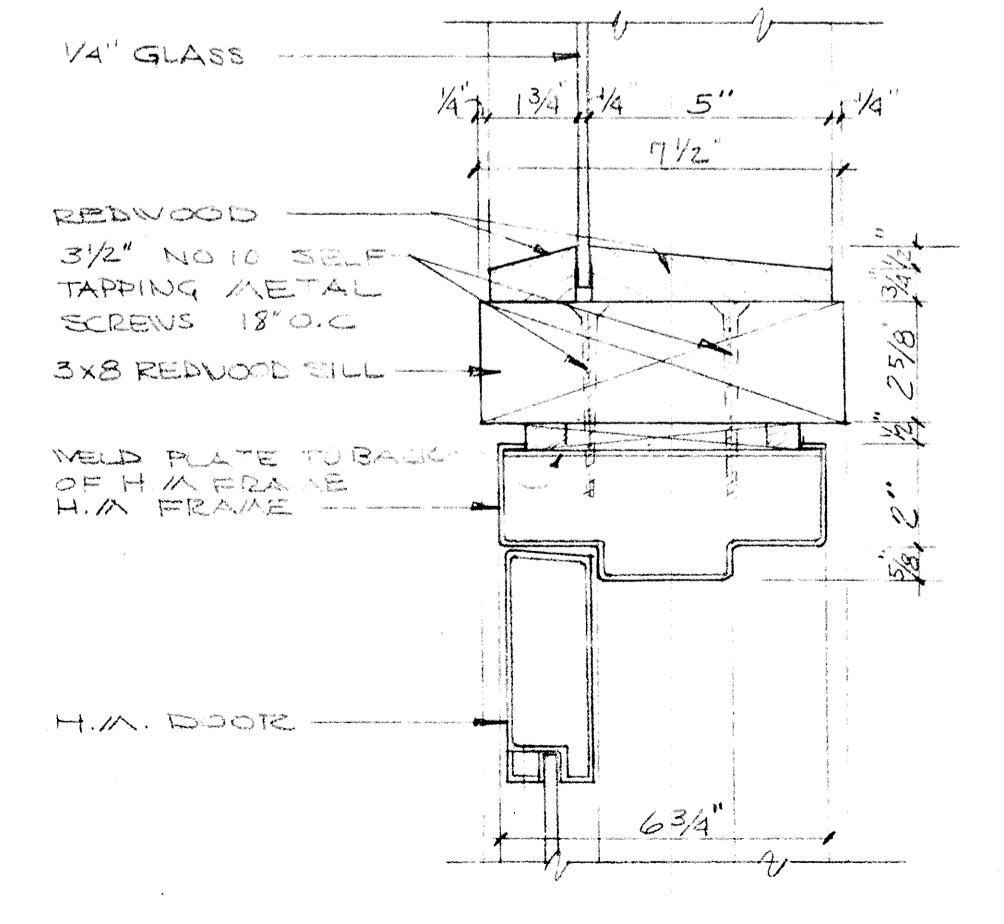
12 WINDOW SILL
SCALE 3"=1'-0"



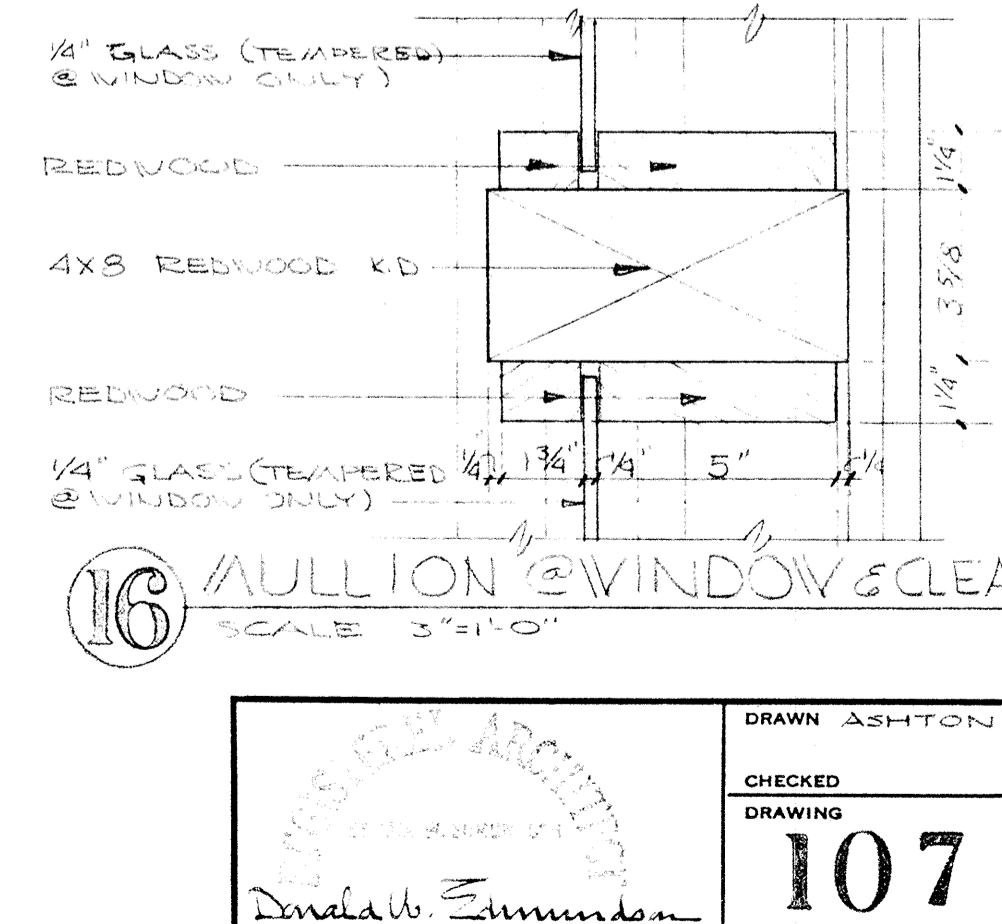
13 SILL @ CLEAR STORY
SCALE 3"=1'-0"



14 JAMB @ BEAM FOR CLEARSTORY
SCALE 3"=1'-0"

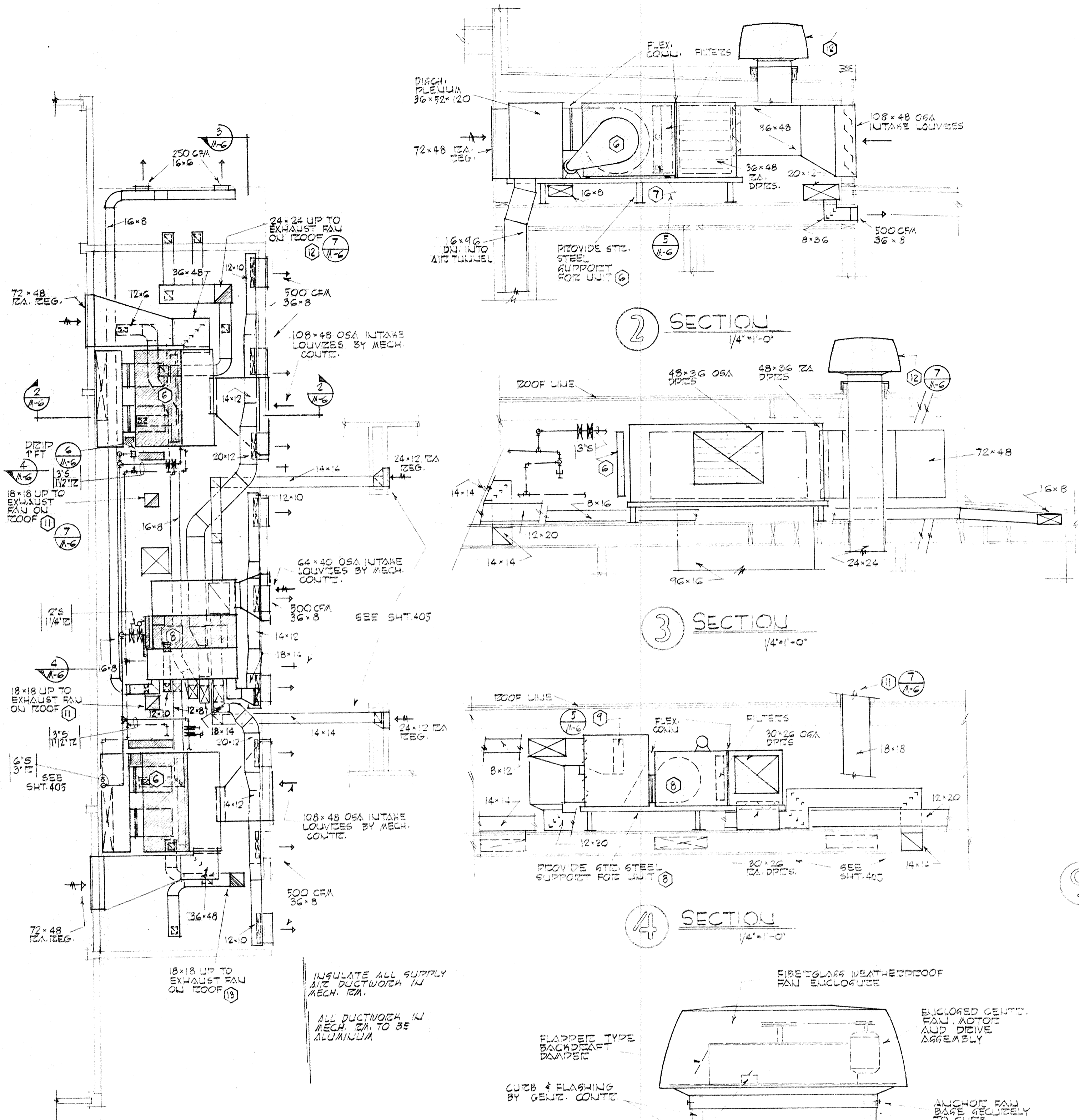


15 DOOR HEAD @ CLEARSTORY
SCALE 3"=1'-0"

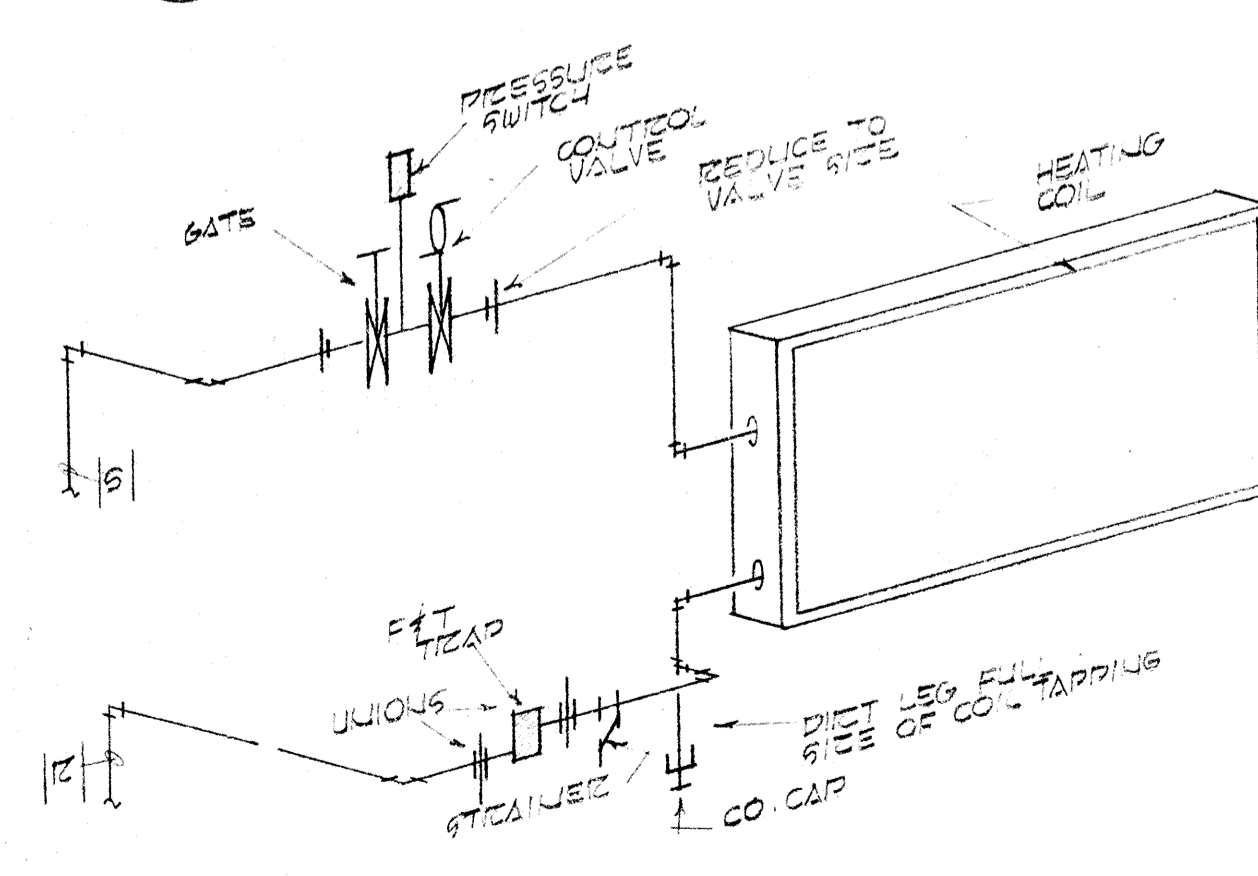


17 BEAM DETAIL
SCALE 3"=1'-0"

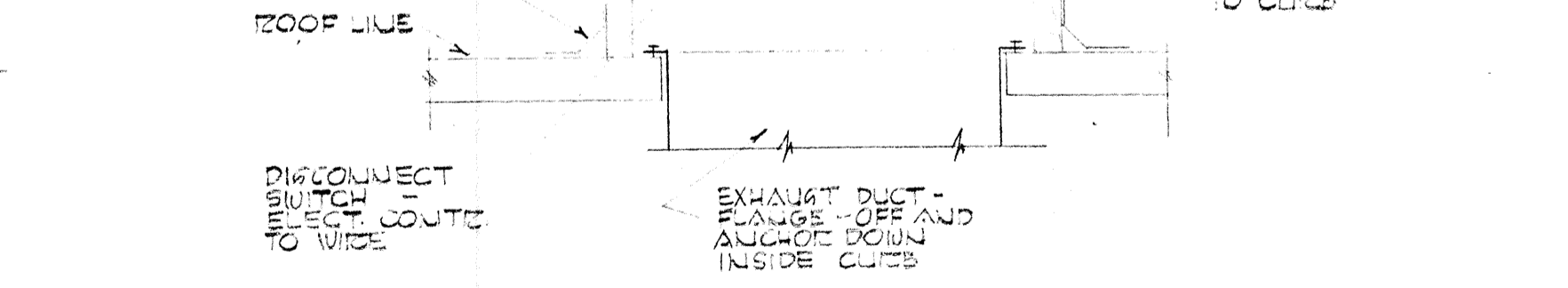
	DRAWN ASHTON	WALL SECTIONS-DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158
	CHECKED DRAWING	
	DATE MARCH 21, 66	



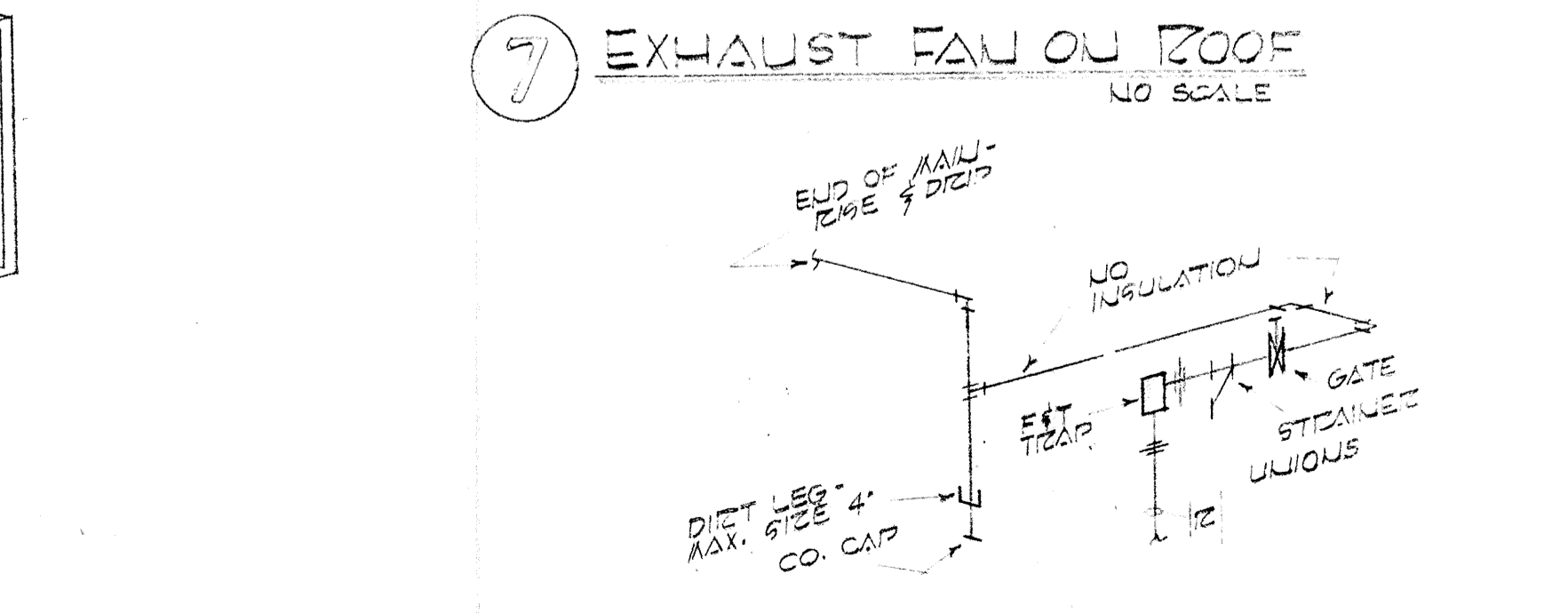
1 PLAN - MECHANICAL 1/8" = 1'-0"



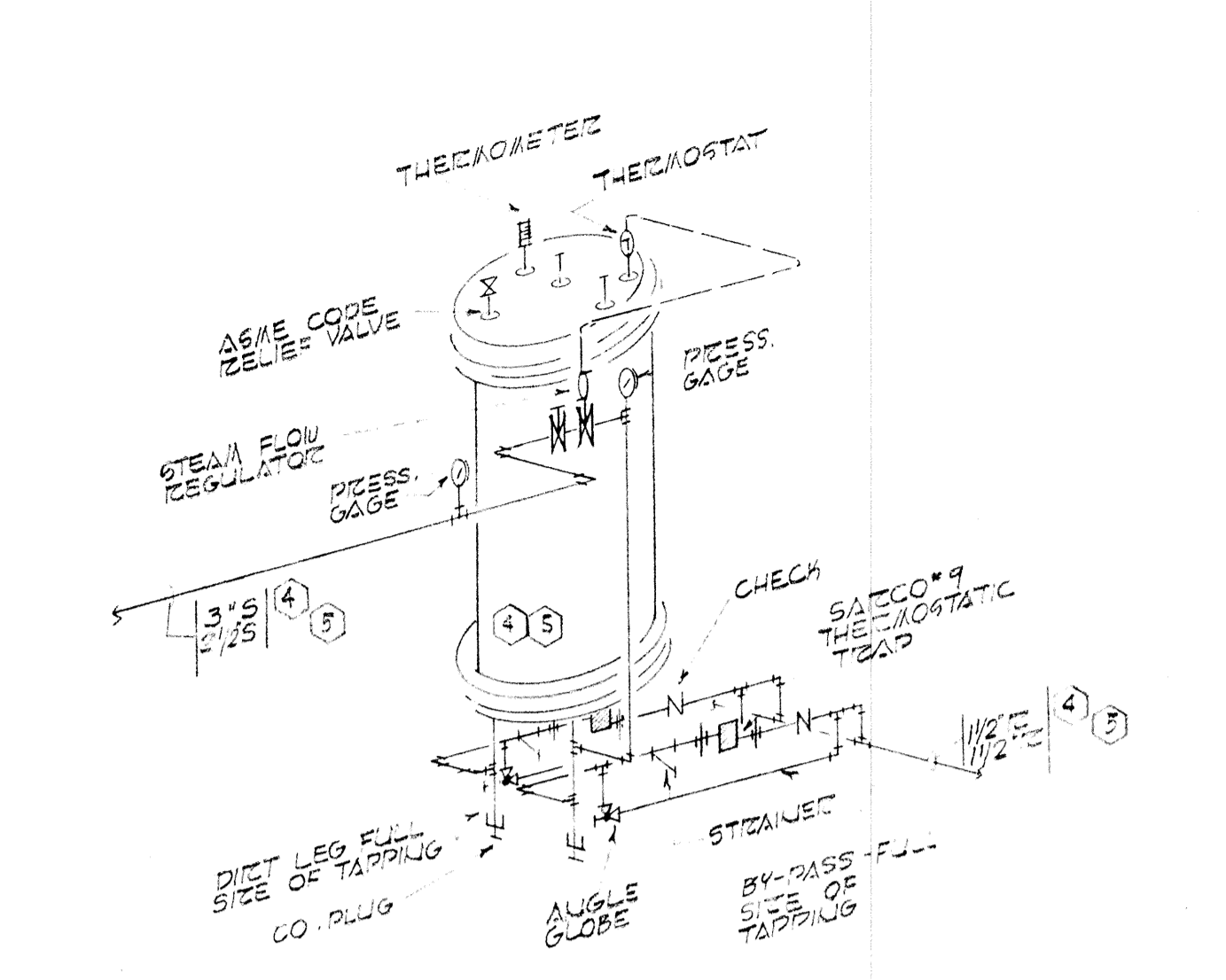
5 TYPICAL HEATING COIL PIPING DIAGRAM DIAGRAMATIC



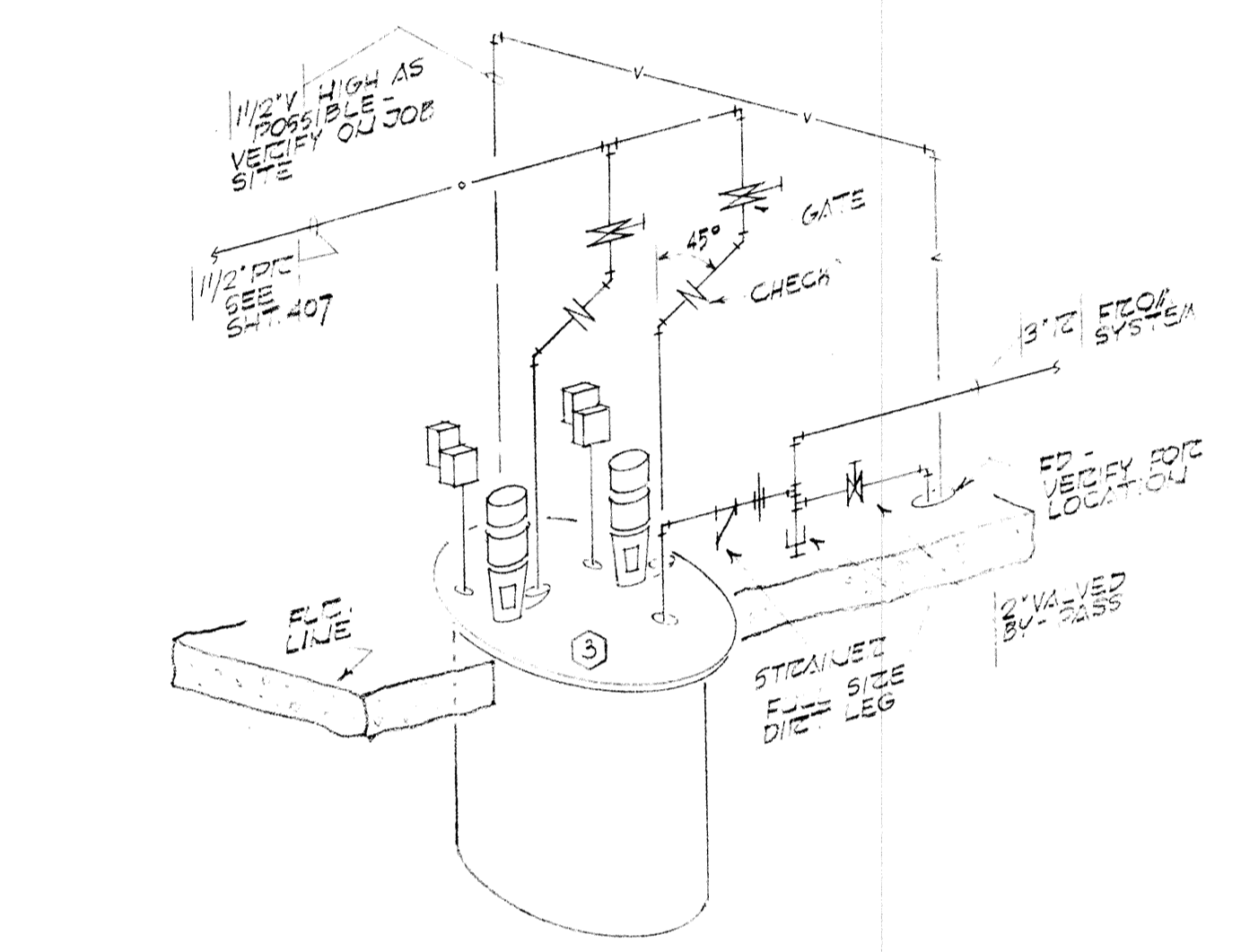
7 EXHAUST FAN ON ROOF NO SCALE



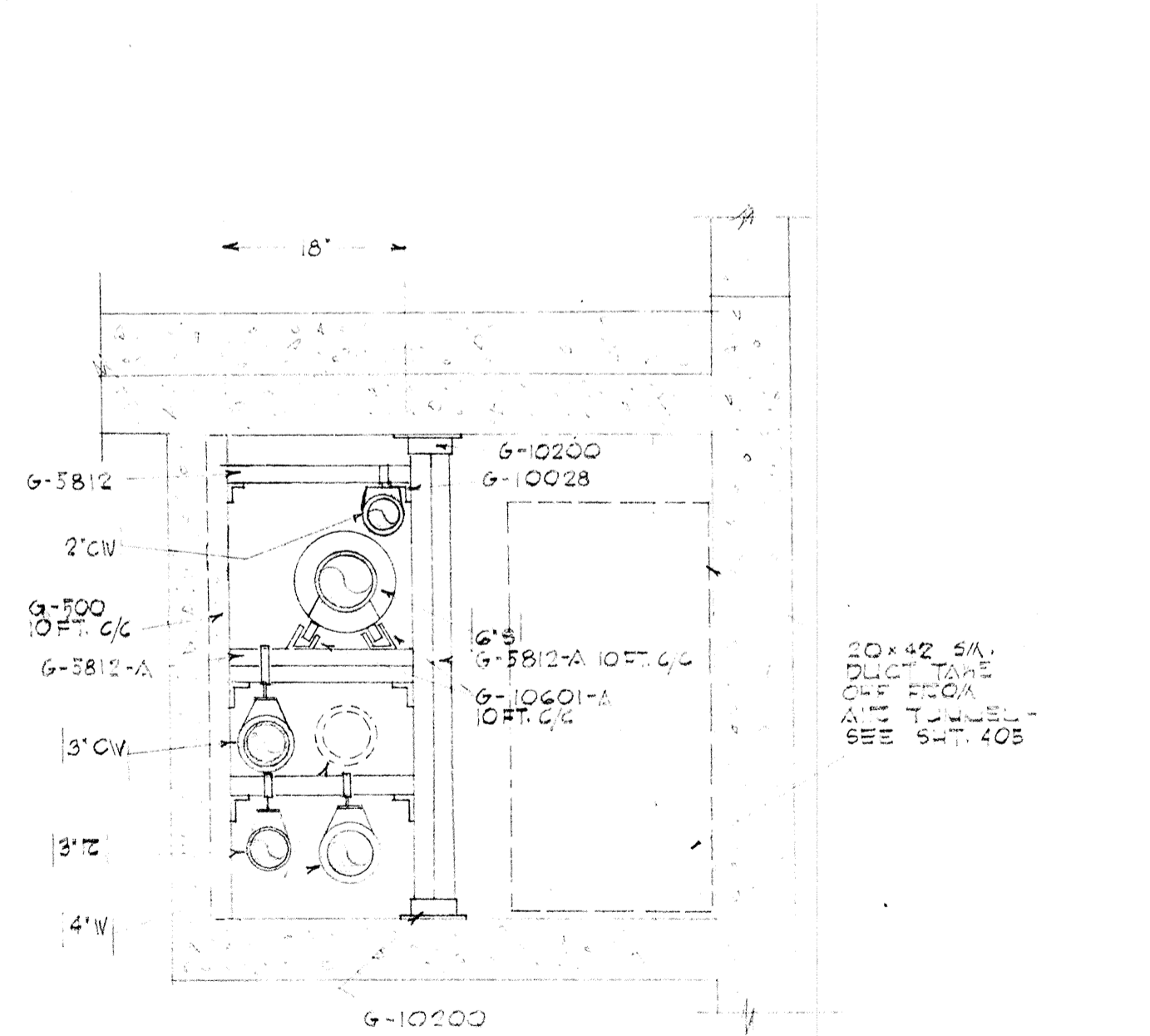
6 END OF MAIN DRIP DIAGRAMATIC



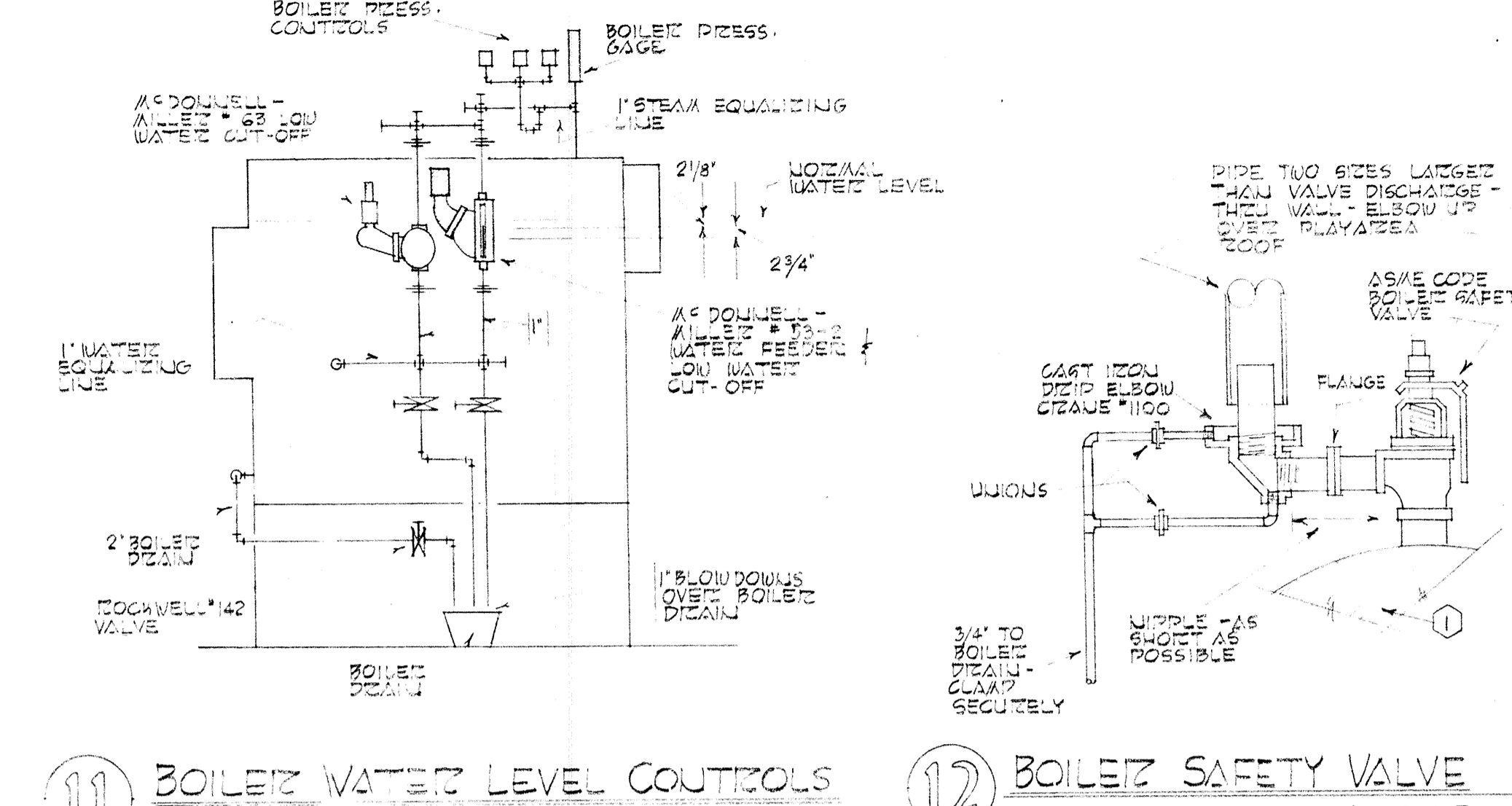
8 HOT WATER GENERATOR PIPING DIAGRAM DIAGRAMATIC



9 CONDENSATE RETURN PUMP PIPING DIAGRAM DIAGRAMATIC

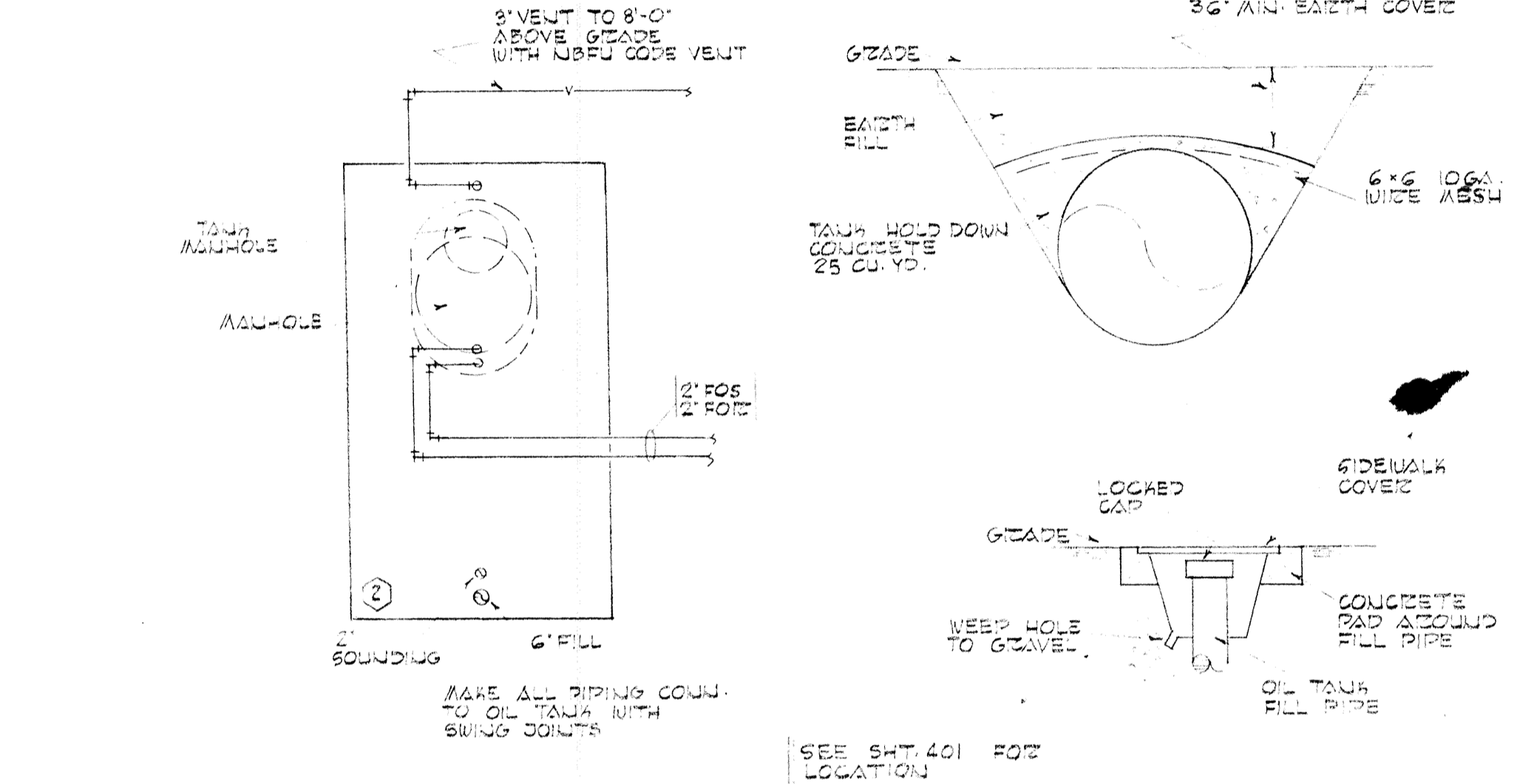


10 TUNNEL SECTION 3/4" = 1'-0"

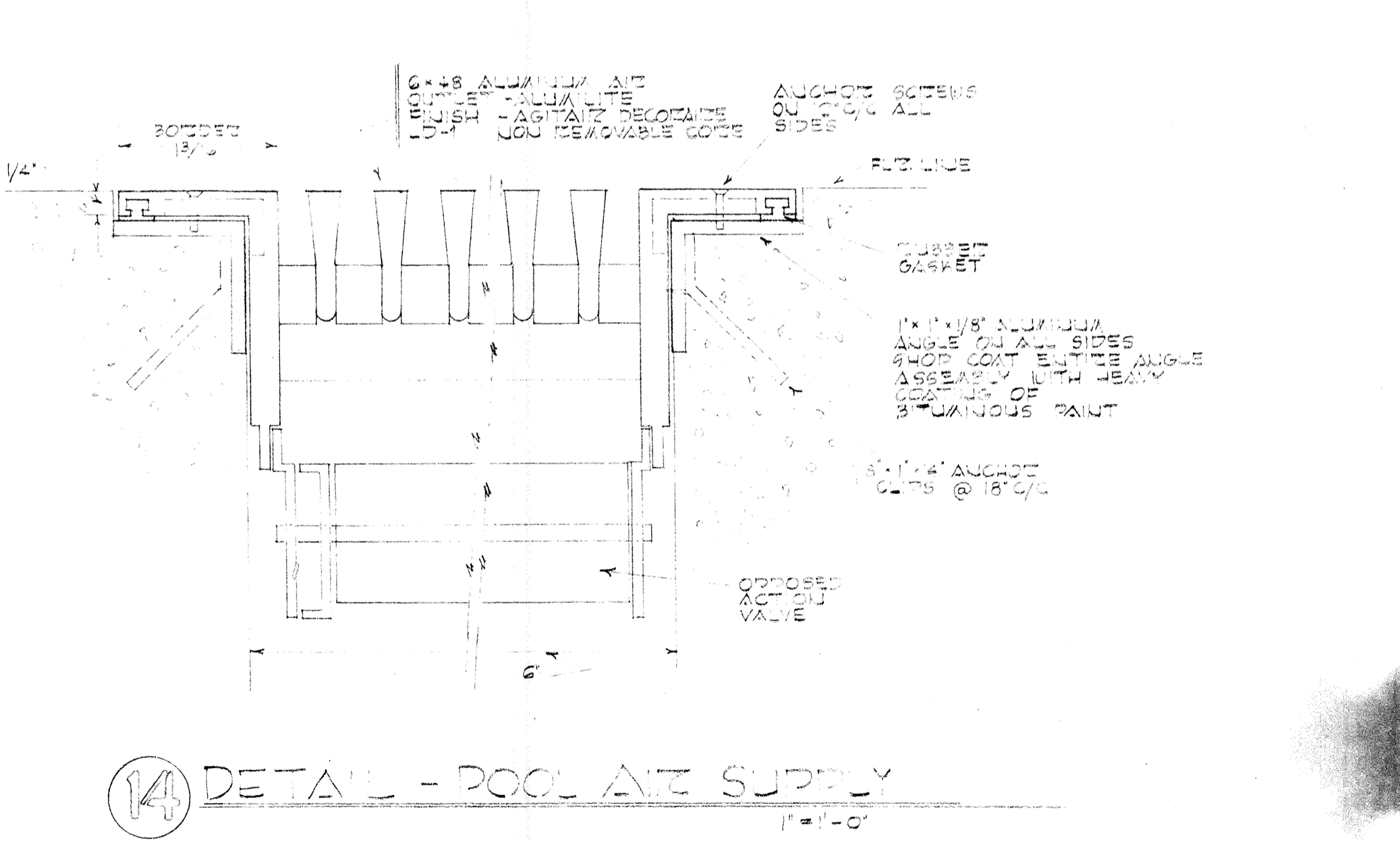


11 BOILER WATER LEVEL CONTROLS DIAGRAMATIC

12 BOILER SAFETY VALVE NO SCALE

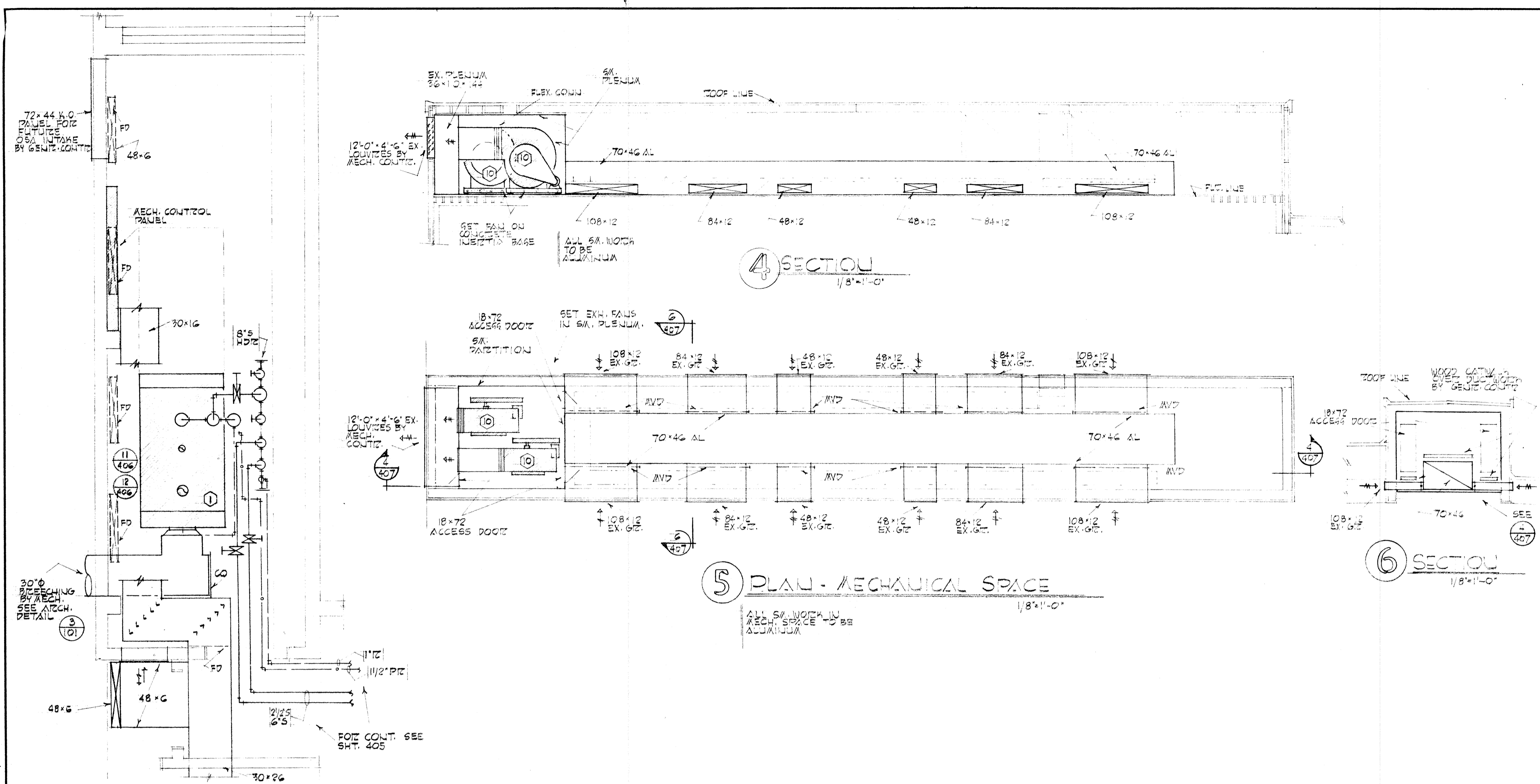


13 OIL TANK DETAILS NO SCALE

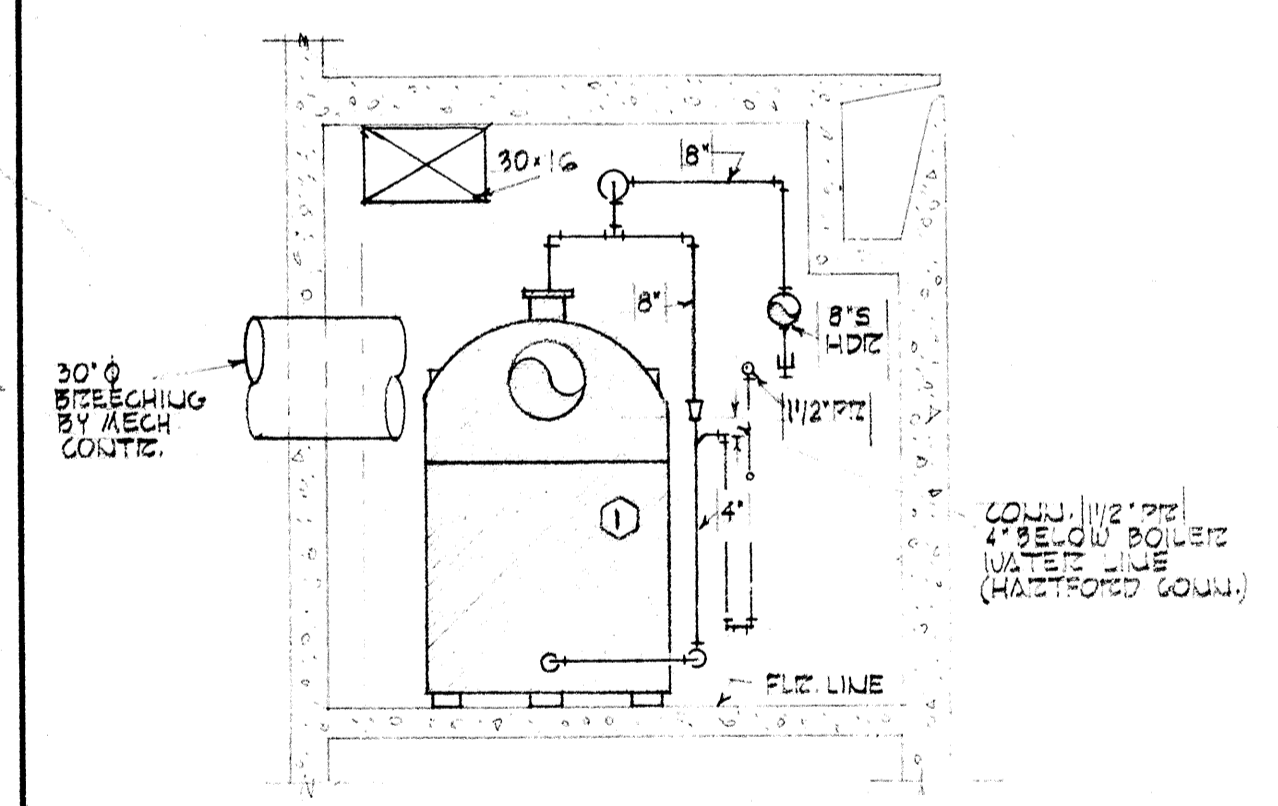


14 DETAIL - POOL AIR SUPPLY 1" = 1'-0"

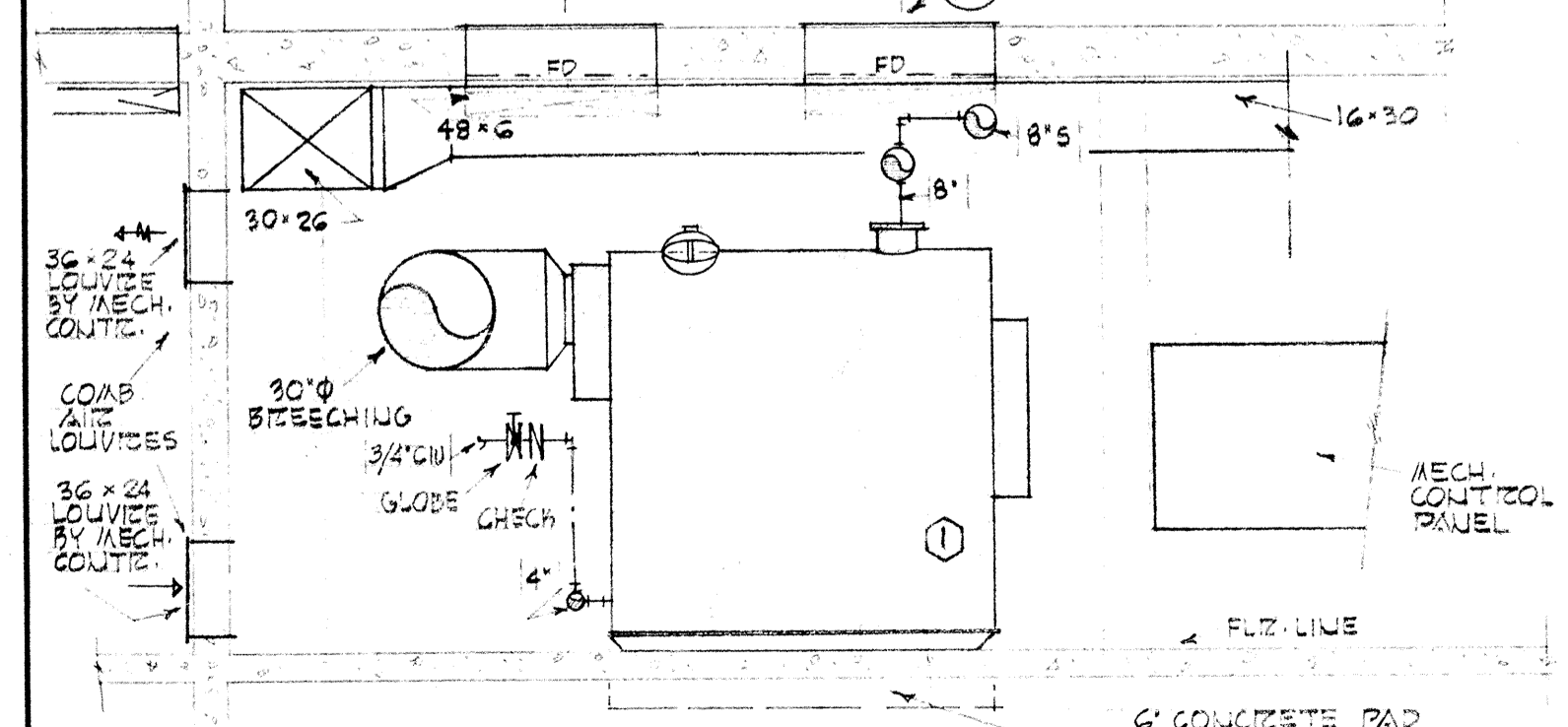
	DRAWN BY CHECKED BY DTS 406	MECHANICAL DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO. 46 CLACKAMAS COUNTY
	DATE MARCH 21, 66 REVISIONS	EDMUNDSON KOCHENDORFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS 444 PITtock BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158



1 PLAN - BOILER AND FAN RA. 1/4" = 1'-0"



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



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

5 PLAN - MECHANICAL SPACE 1/8" = 1'-0"

ALL SW. WORK IN MECH. SPACE TO BE ALUMINUM

EQUIPMENT LIST

1. STEAM HEATING BOILER	310000 BTU/Hr. GROSS OUTPUT 450 SQ. FT. HTG. SURF. AND 100% R.O.C. (R.P.A.) STEAM - SEE MECH. SPECIFICATIONS. OIL BURNER FIRING RATE 27 GPH. OIL TO 200 OIL
2. OIL STORAGE TANK	10000 GAL. CAPACITY 8'-0" x 27'-7" UL LABEL
3. CONDENSATE RETURN PUMP	20000 G.P.M. @ 20 PSI. DISCHARGE PRESSURE 100 PSI. CAPACITY 30 GPM. 24" x 34" RECEIVER 3500 RPM. 1.5 HP
4. DOM. HOT WATER GENERATOR	48700 1010 42.5 GPM. 40 PSI TO 105 PSI ON 2 PSI STEAM 50 SQ. FT. HTG. SURFACE VALVE 1350 PSI
5. POOL WATER HEATER	48700 1005 40 GPM. 40 PSI TO 80 PSI ON 2 PSI STEAM 4750 SQ. FT. HTG. SURFACE VALVE 800 PSI
6. POOL AREA SUPPLY UNITS (2 REQ'D)	16000 CFM. EACH @ 1 1/4" SP. 1800 RPM. OV. 3042 FRM.TS. 7.5 HP
7. HEATING COIL FOR (2 REQ'D)	16000 CFM. EACH. COIL TO FIT UNIT 500 RPM. EV. COIL TEMP. RISE 50°F TO 120°F. VALVE 390 PSI. EACH TEMP. 1824/HR. EACH
8. LOCKER AREA MULTI-ZONE UNIT	6200 CFM. @ 3/4" SP. 1300 RPM. OV. 2516 FRM.TS. 3.4 HP
9. HEATING COIL FOR (2)	5000 CFM. COIL TO FIT UNIT 500 RPM. EV. COIL TEMP. RISE 50°F TO 20°F. VALVE 390 PSI. EACH TEMP. 1824/HR. EACH
10. POOL AREA EXHAUST FANS (2 REQ'D)	17000 CFM. EACH @ 3/4" SP. 1500 RPM. OV. 4764 FRM.TS. 5 HP. 31" BUSH THD. CLUS. 1" 2 SPEED MOTOR
11. SHOWER EXHAUST FANS (2 REQ'D)	600 CFM. EACH @ 1 1/4" SP. 1163 RPM. OV. 2220 FRM.TS. 1.2 HP. 31" ROOF MOUNTED
12. TOILET EXHAUST FAN	1700 CFM. @ 1 1/2" SP. 1082 RPM. OV. 1946 FRM.TS. 3.4 HP. FC ROOF MOUNTED
13. TOILET EXHAUST FAN	1100 CFM. @ 1 1/2" SP. 1376 RPM. OV. 2063 FRM.TS. 1/2 HP. FC ROOF MOUNTED

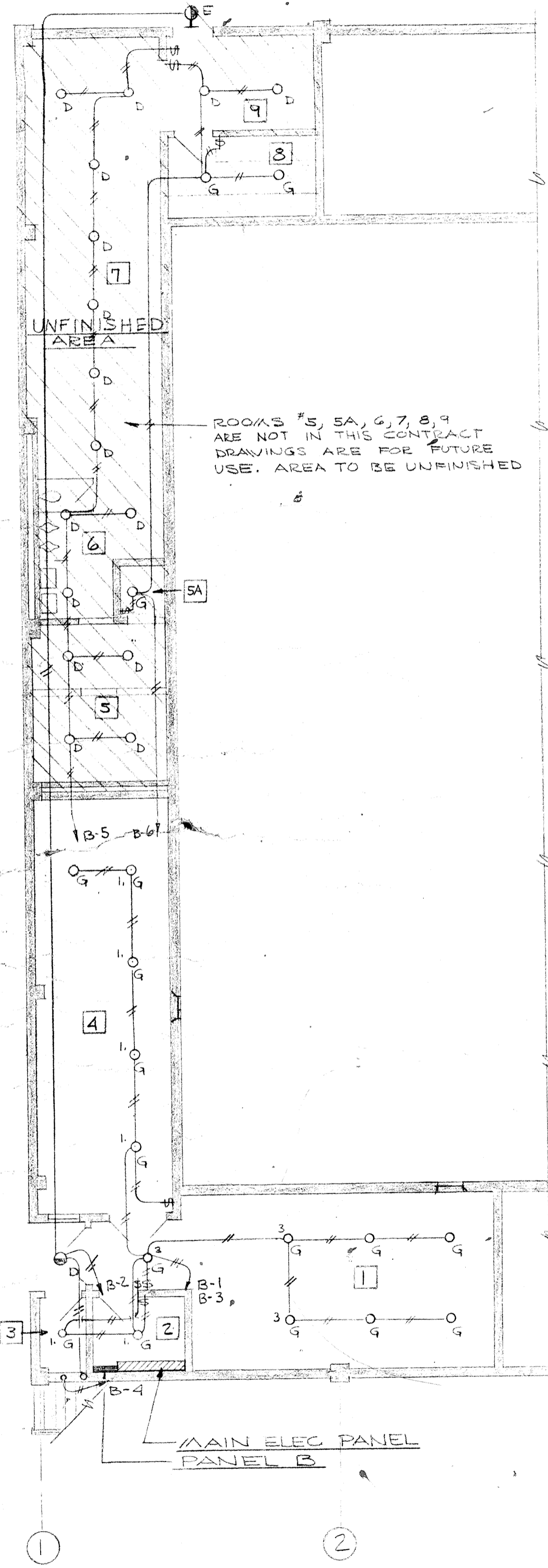
NOTES

20. MOUNT ROOM THERMOSTATS 5 FT. ABOVE FLOOR, EXCEPT WHERE OTHERWISE NOTED.
21. STEAM VALVES TO PASS 1.5 TIMES CAPACITY OF STEAM VALVE AT 5" DROP - SEE MECH. SPEC'S
22. STEAM VALVES TO BE PLACED AT LOW POINT UNLESS OTHERWISE SHOWN.
23. ALL MOTORS AND PUMPS SHALL HAVE SUITABLE PANS OF APPROPRIATE DIMENSIONS.
24. ALL EQUIPMENT DRIVES SHALL HAVE SUITABLE GUARDS.
25. ACCESS DOORS AND PANELS SHALL BE PROVIDED TO HG. COILS, RISE DRPS. AND ALL OTHER MECH. EQUIP. FOR CLEANING AND SERVICING.
26. ALL STEAM TRAPS TO BE ATTACHED FOR GRAVITY FLOW AND LOCATED IN ACCESSIBLE POSITION FOR CLEANING AND SERVICING.
27. ALL ACCESS DOORS AND PANELS IN CLG. AND WALLS FOR ACCESS TO MECH. EQUIPMENT SHALL BE FURNISHED BY MECH. CONTRACTOR.
28. SD INDICATES SITE DAMPER
29. MVD INDICATES MANUAL VOLUME DAMPER

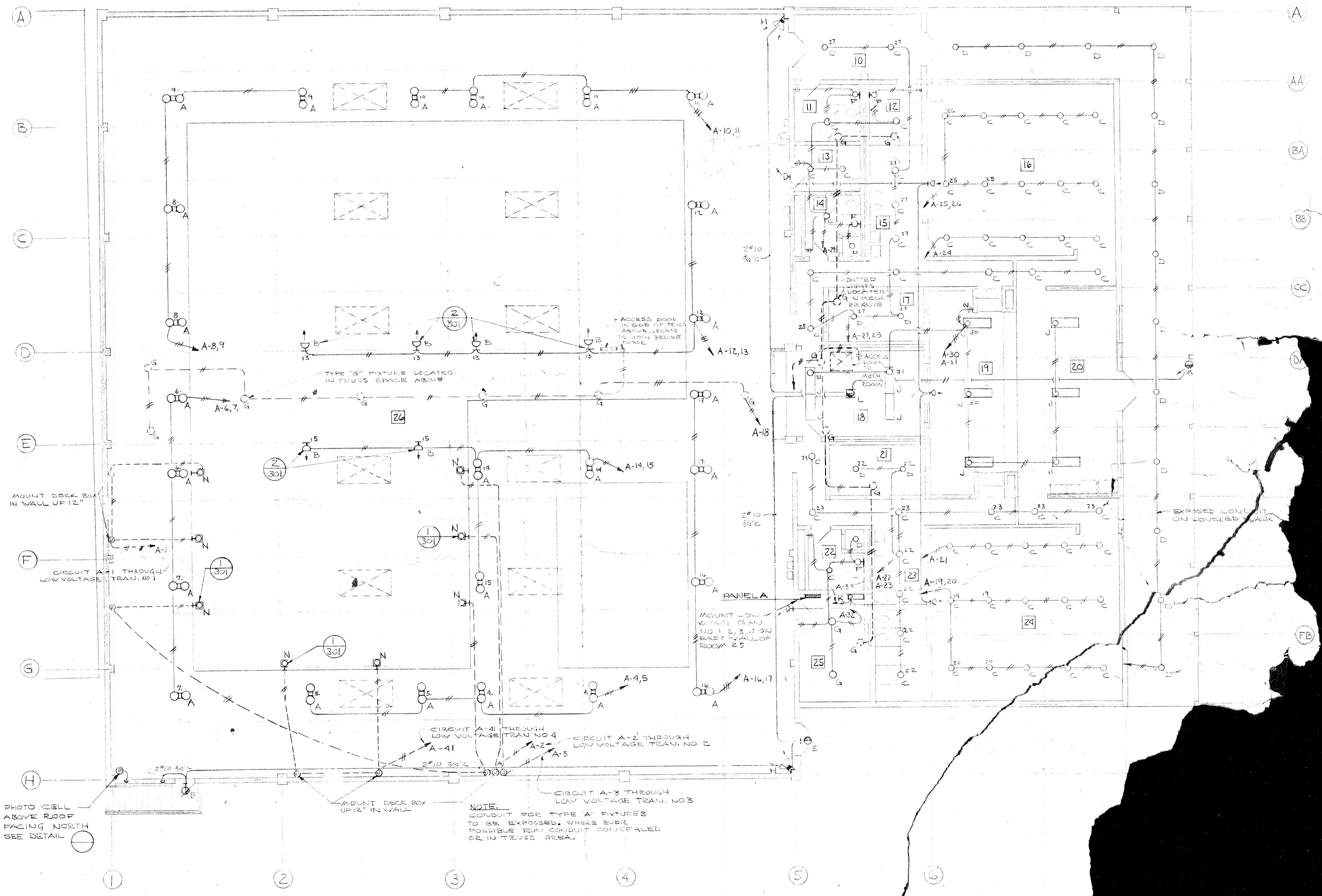
PIPING LEGEND

STEAM	S
RETURN	R
PIPED RETURN	PR
VALVE	V
COLD WATER	CW

DRAWN SA
 CHECKED TF
 DRAWING
40
 DATE 1/28/68
 REVISIONS

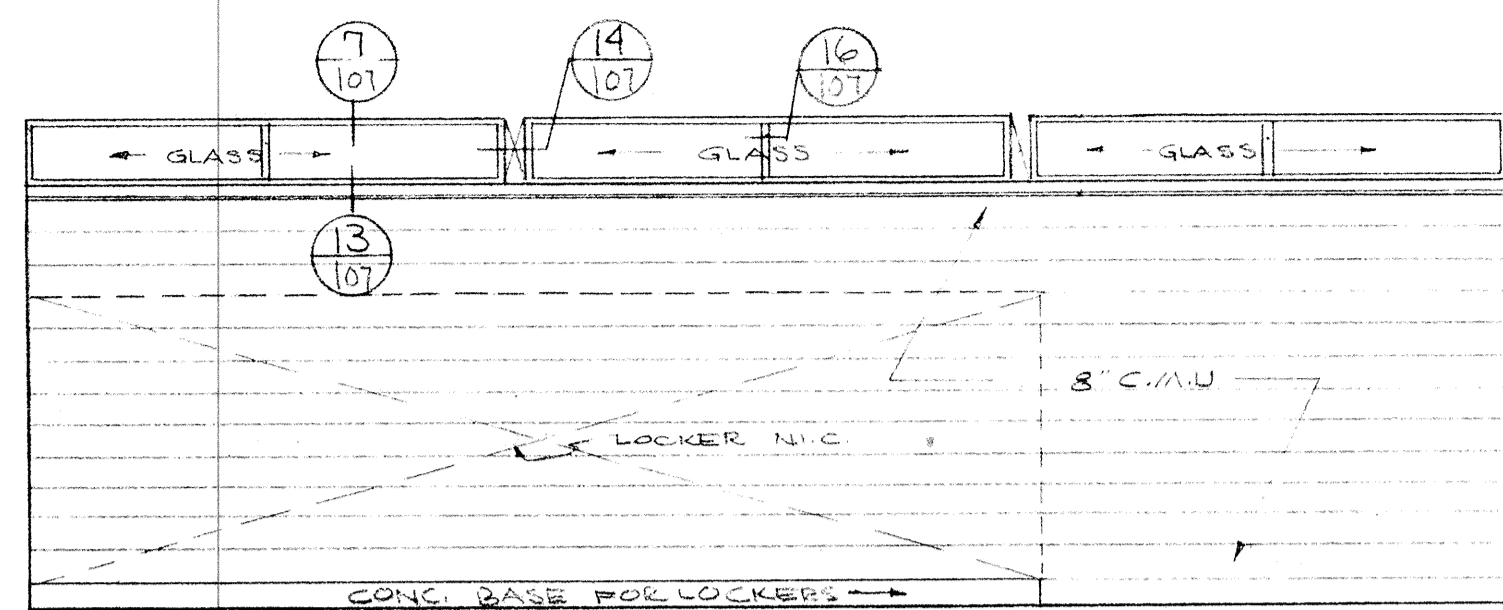


BASEMENT FLOOR PLAN-LIGHTING
SCALE 1/8"=1'-0"

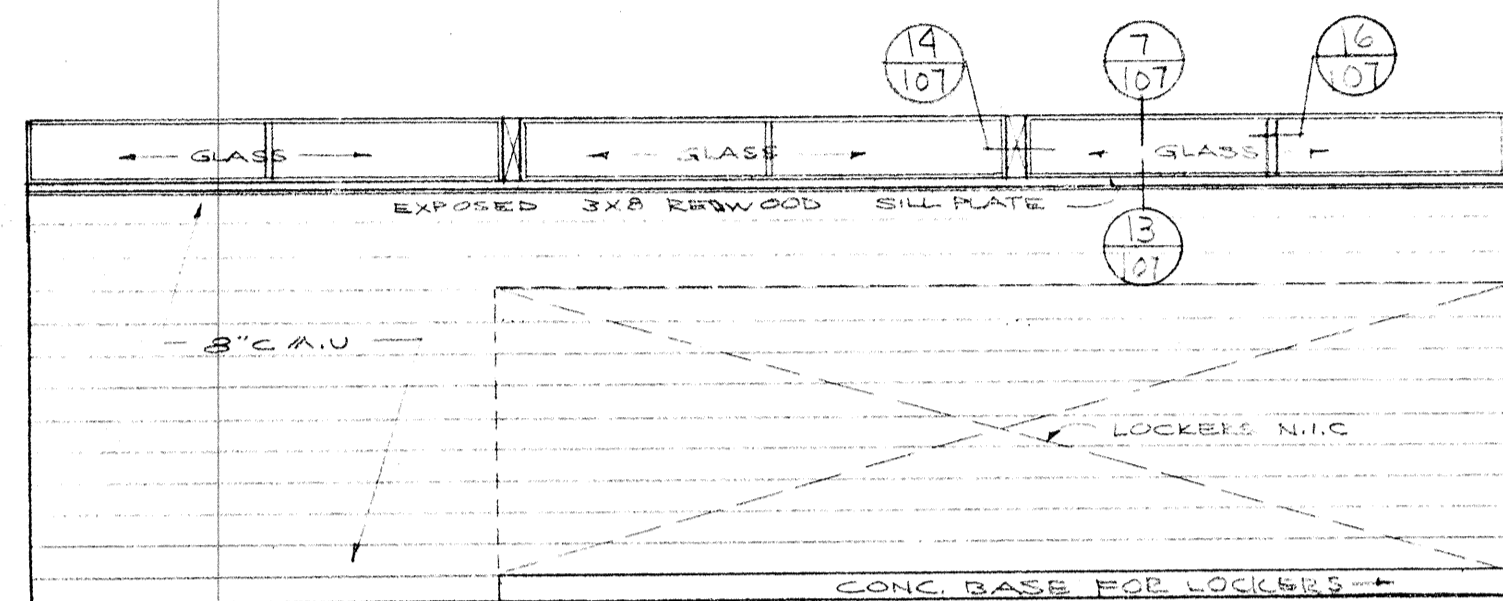


MAIN FLOOR PLAN - LIGHTING
SCALE 1/8"=1'-0"

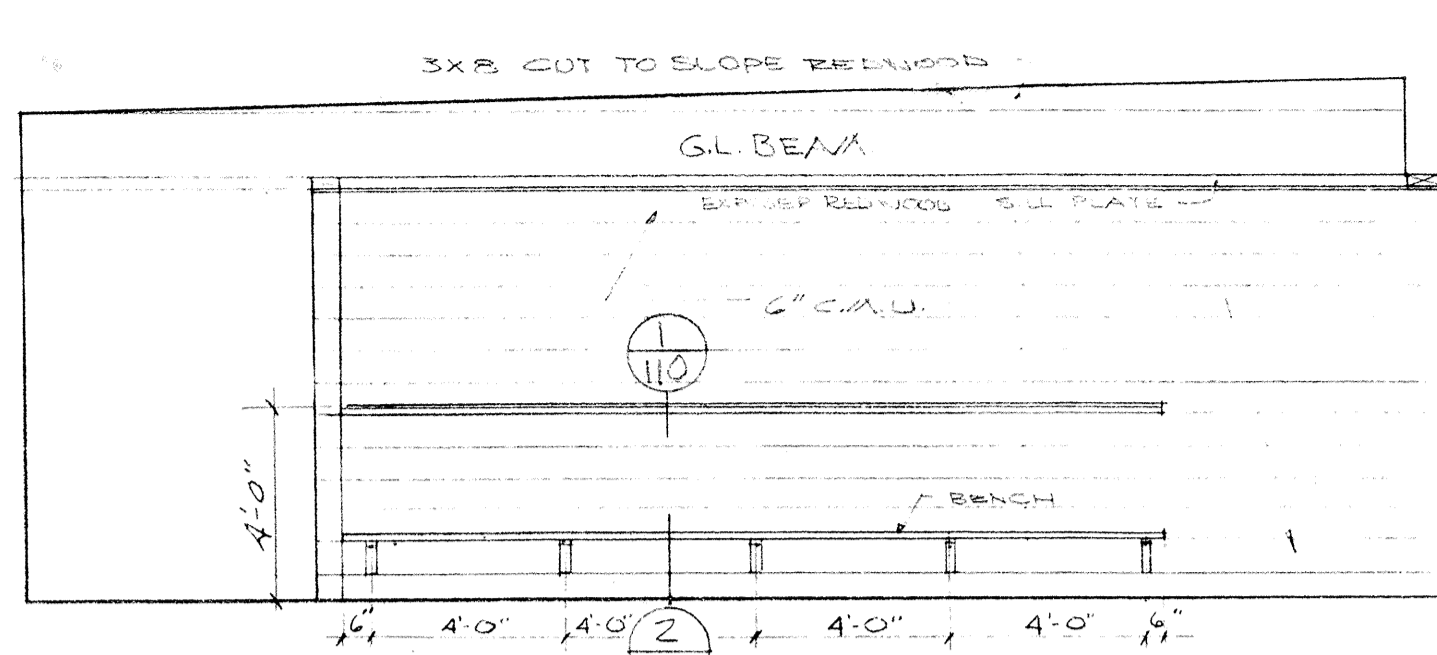
	DRAWN ASHTON
	CHECKED
	DRAWING
	302
DATE	
REVISIONS	



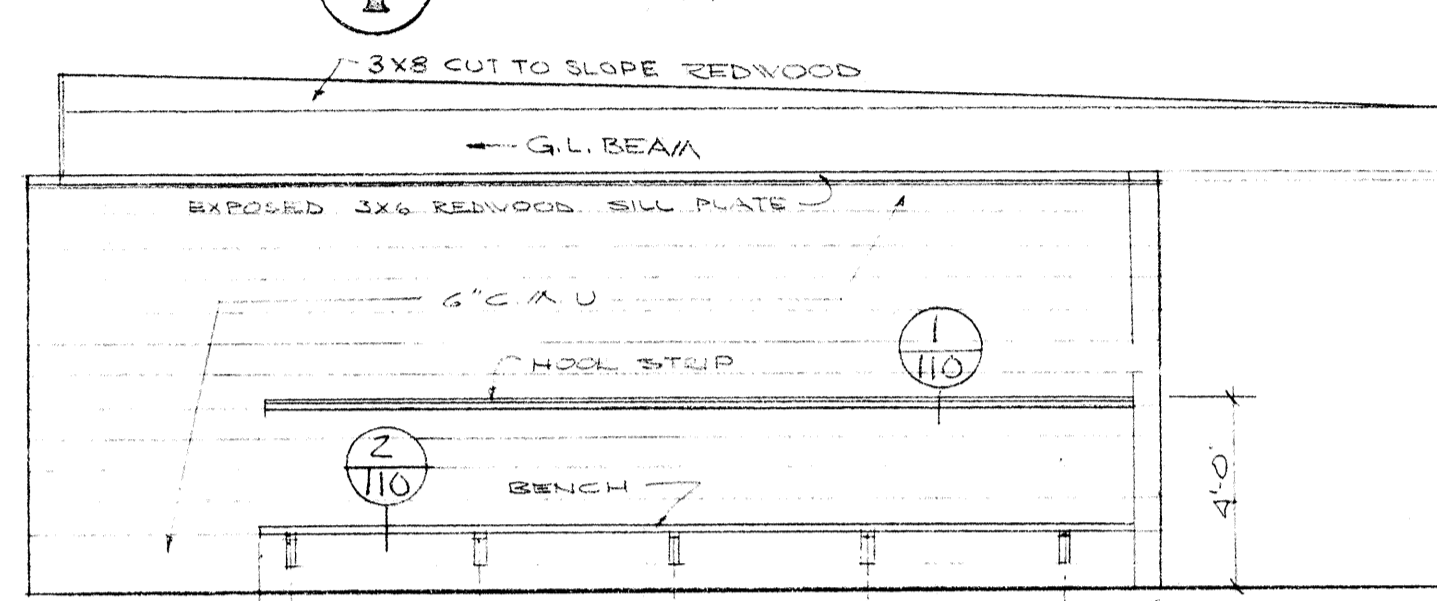
SOUTH ELEVATION



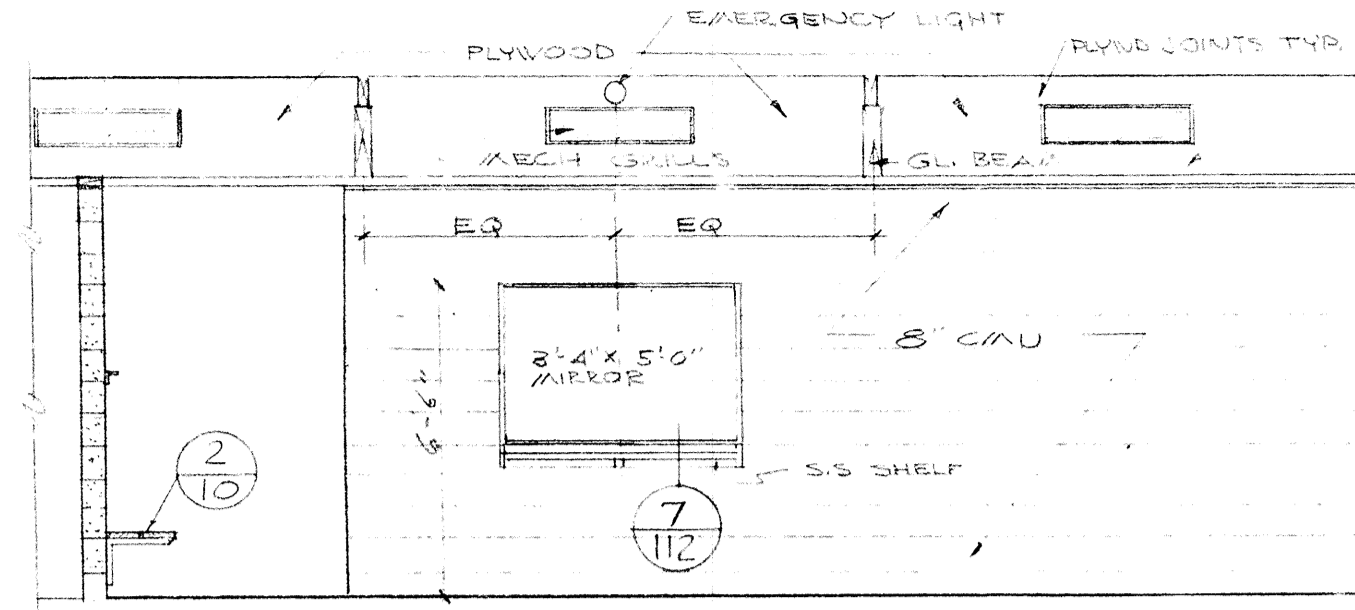
SOUTH ELEVATION



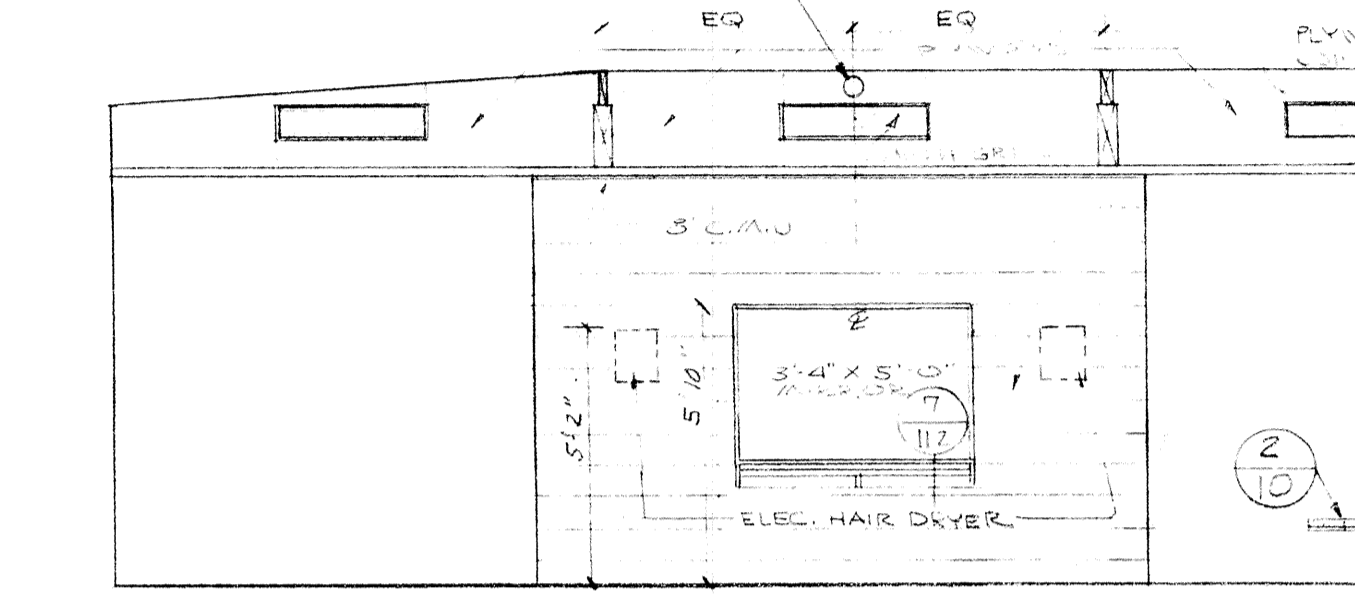
1 MEN DRESSING RM. 116
SCALE 1/4"=1'-0"



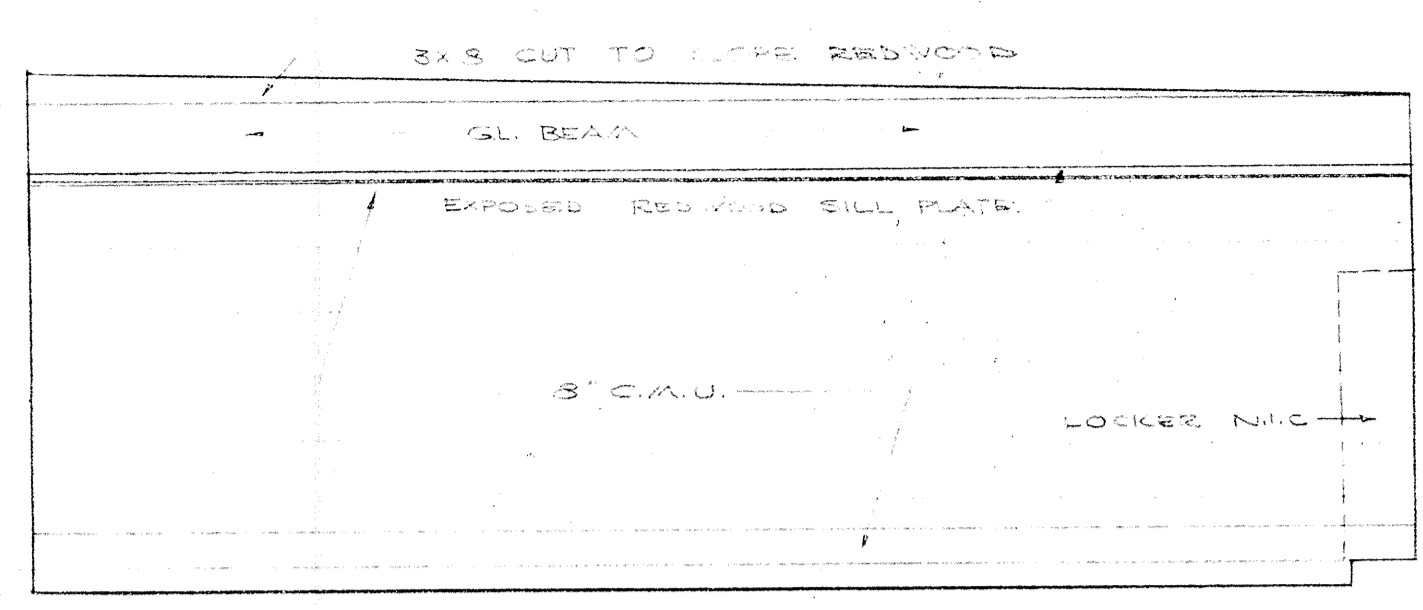
2 WOMEN DRESSING RM. 124
SCALE 1/4"=1'-0"



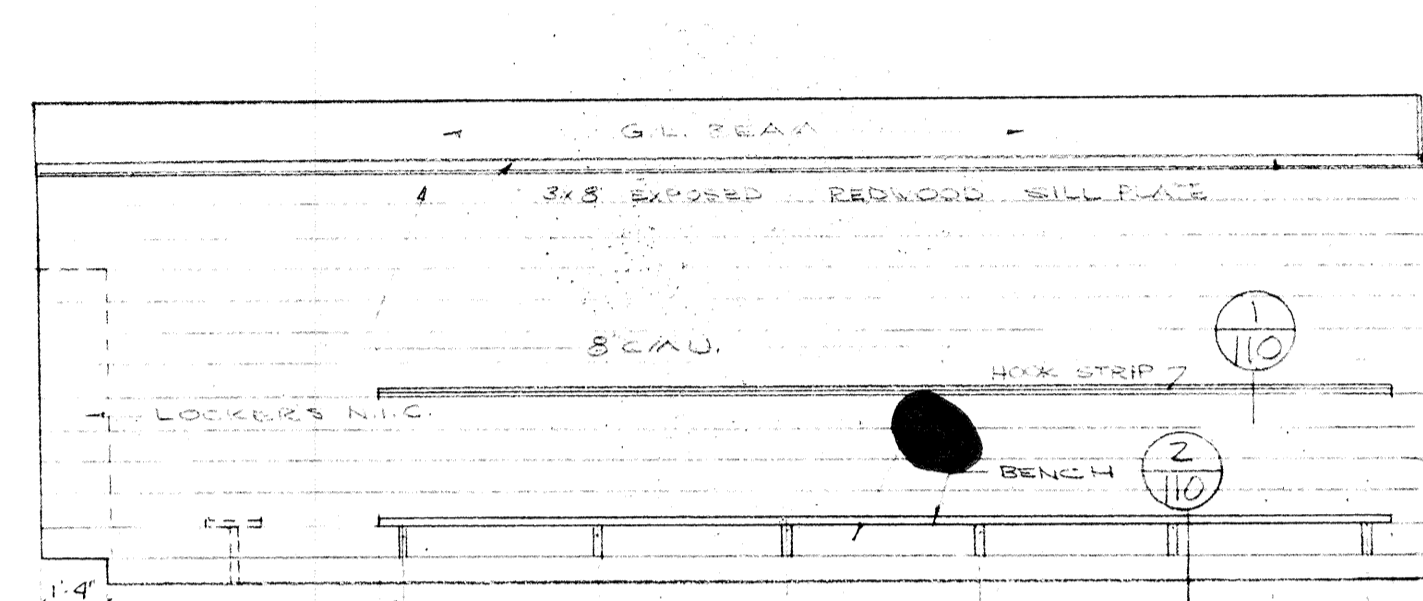
NORTH ELEVATIONS



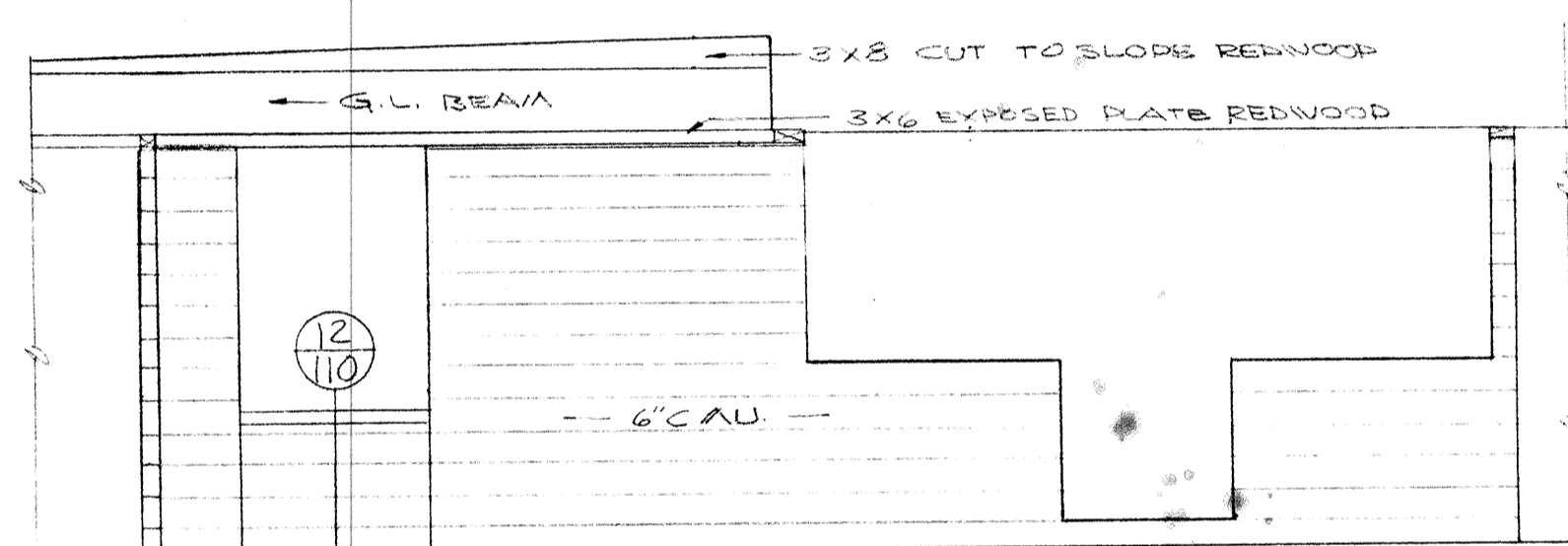
NORTH ELEVATION



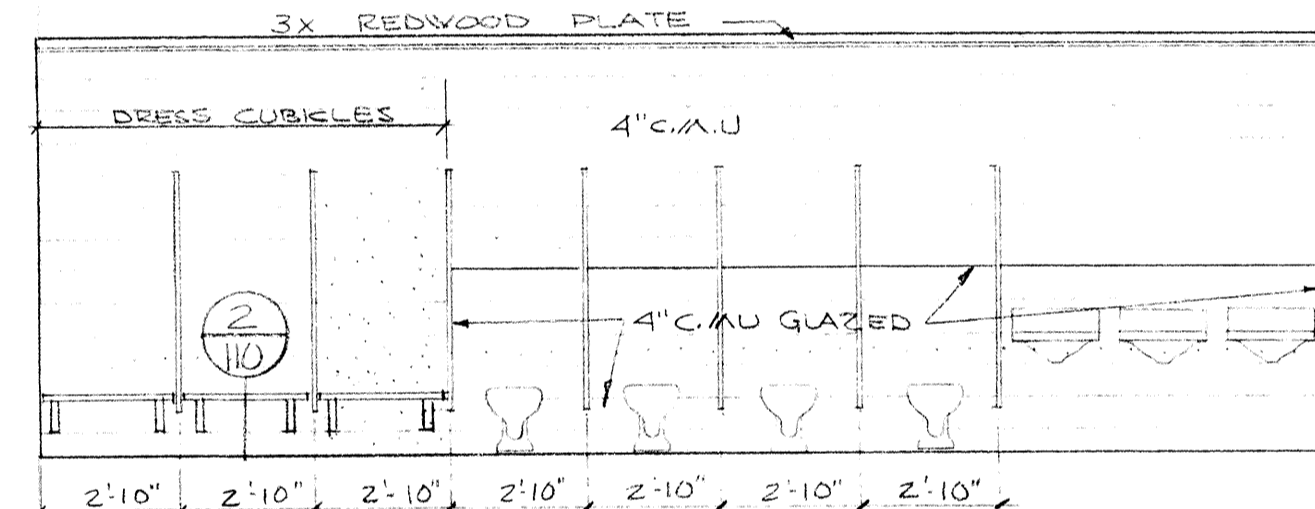
WEST ELEVATION



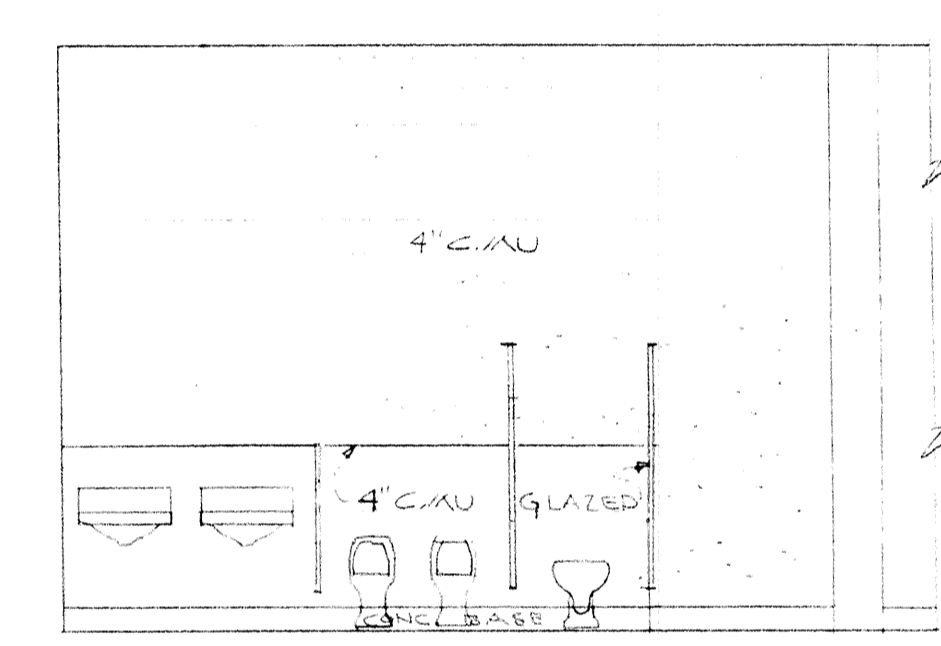
WEST ELEVATION



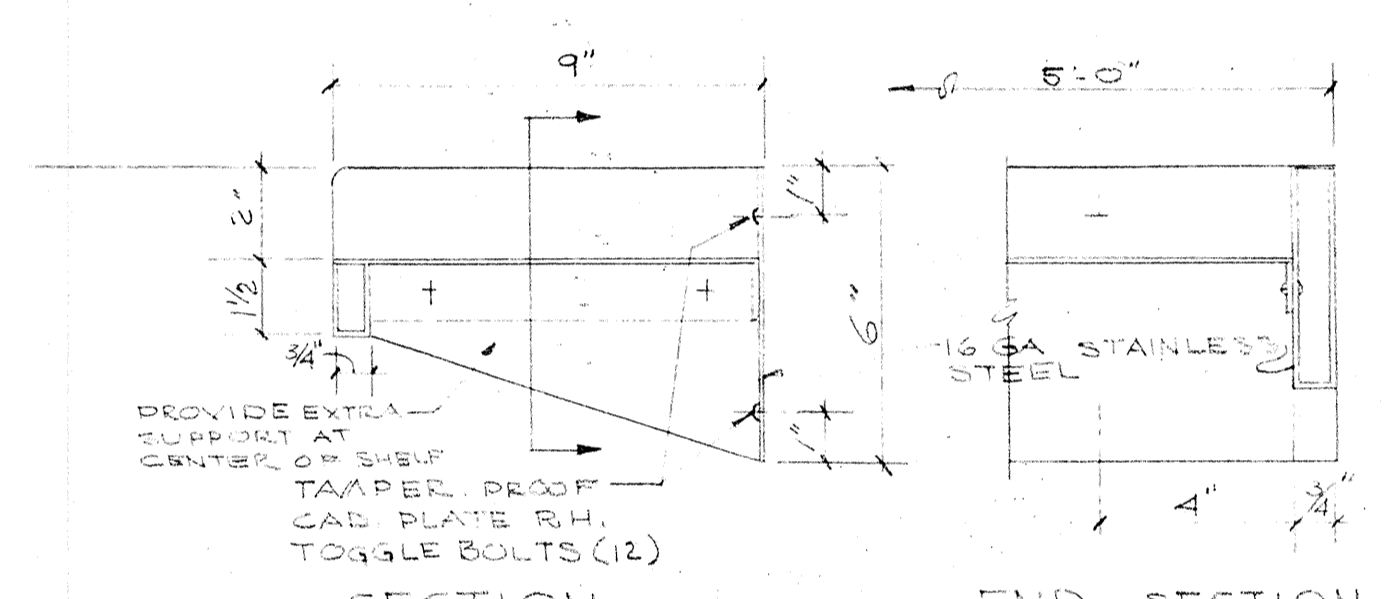
3 MEN TOILET (WOMEN OPPOSITE)
SCALE 1/4"=1'-0"



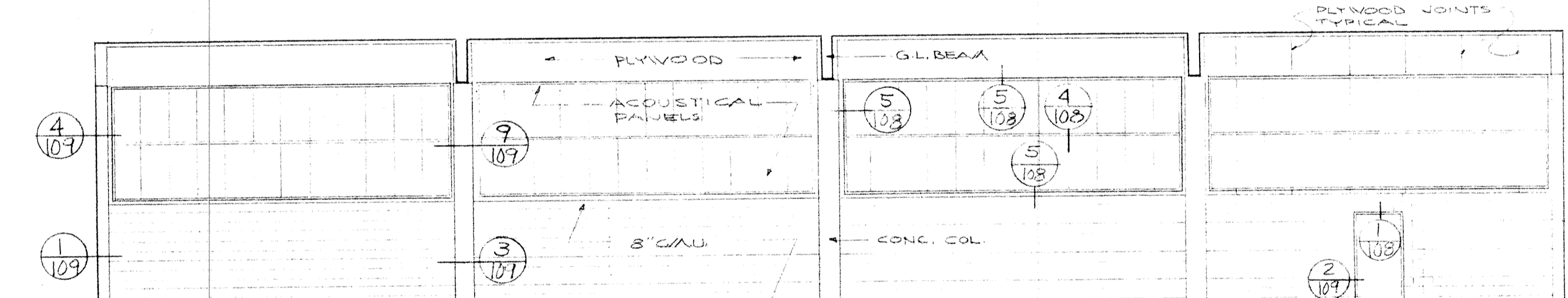
4 WOMEN TOILETS 123
SCALE 1/4"=1'-0"



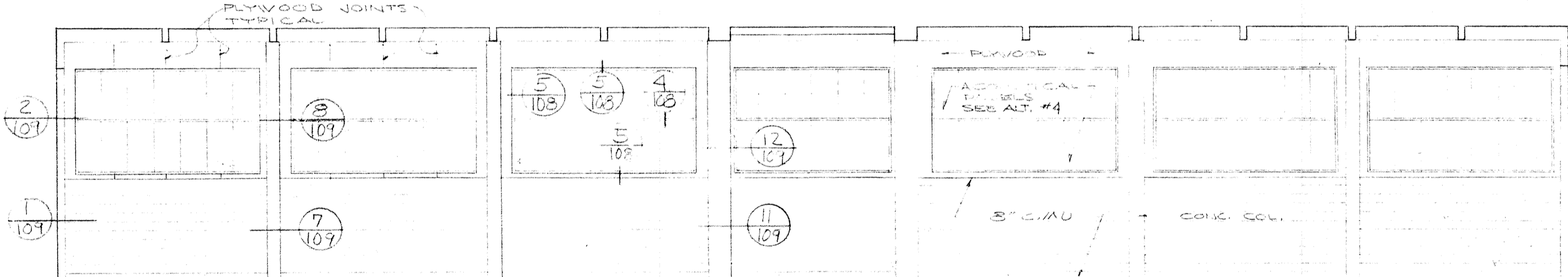
6 TOILET 120
SCALE 1/4"=1'-0"



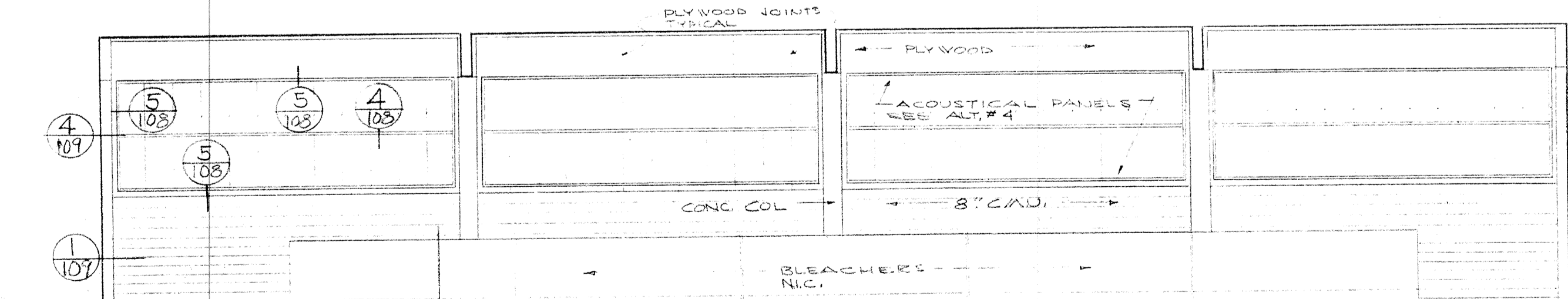
7 DRESSING RM S.S. SHELF
3'-11'-0"



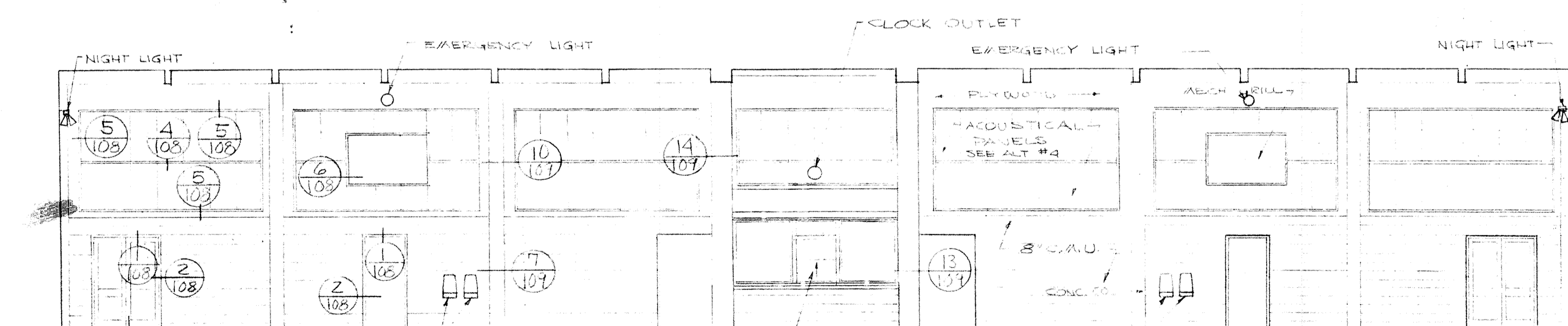
WEST ELEVATION



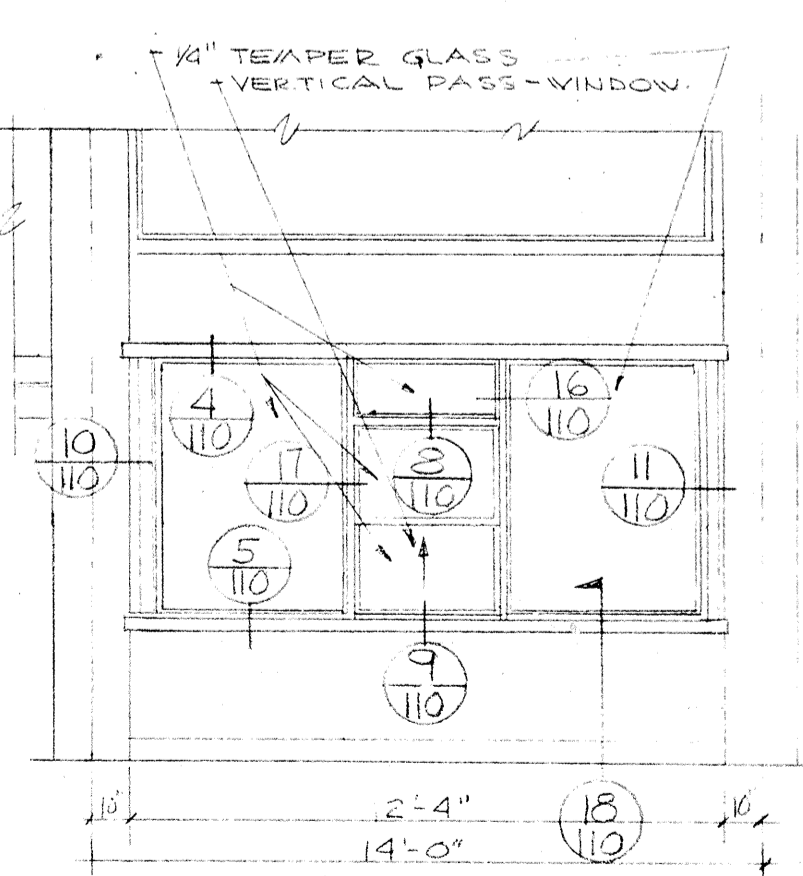
NORTH ELEVATION



EAST ELEVATION

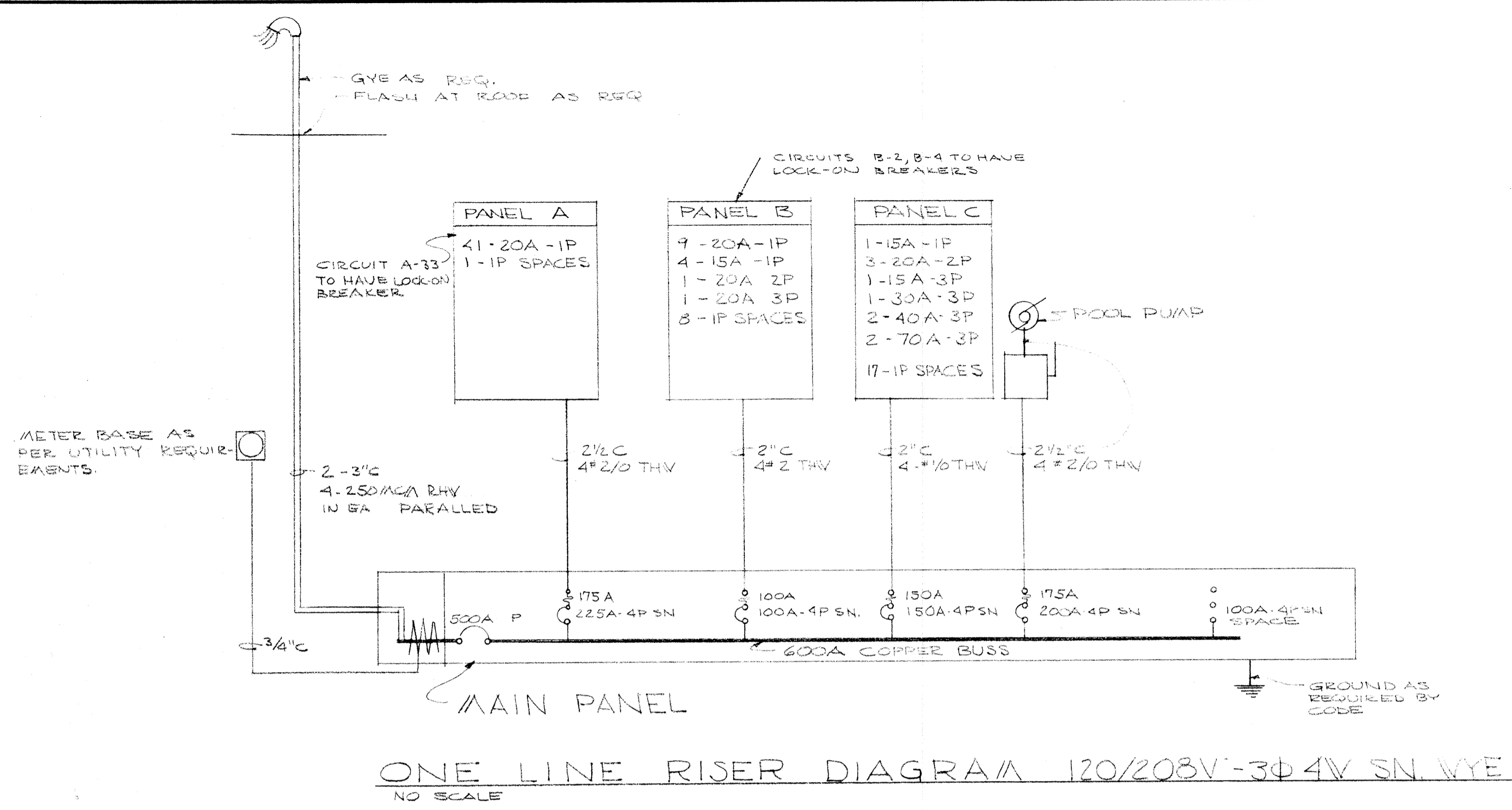


SOUTH ELEVATION



5 POOL AREA 122
SCALE 1/8"=1'-0"

	DRAWN ASHTON CHECKED DRAWING 112	INTERIOR ELEVATIONS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158
	DATE MARCH 21, 66 REVISIONS	
	SEE ENLARGED - ELEV AT RIGHT	
	DFC:GSP	



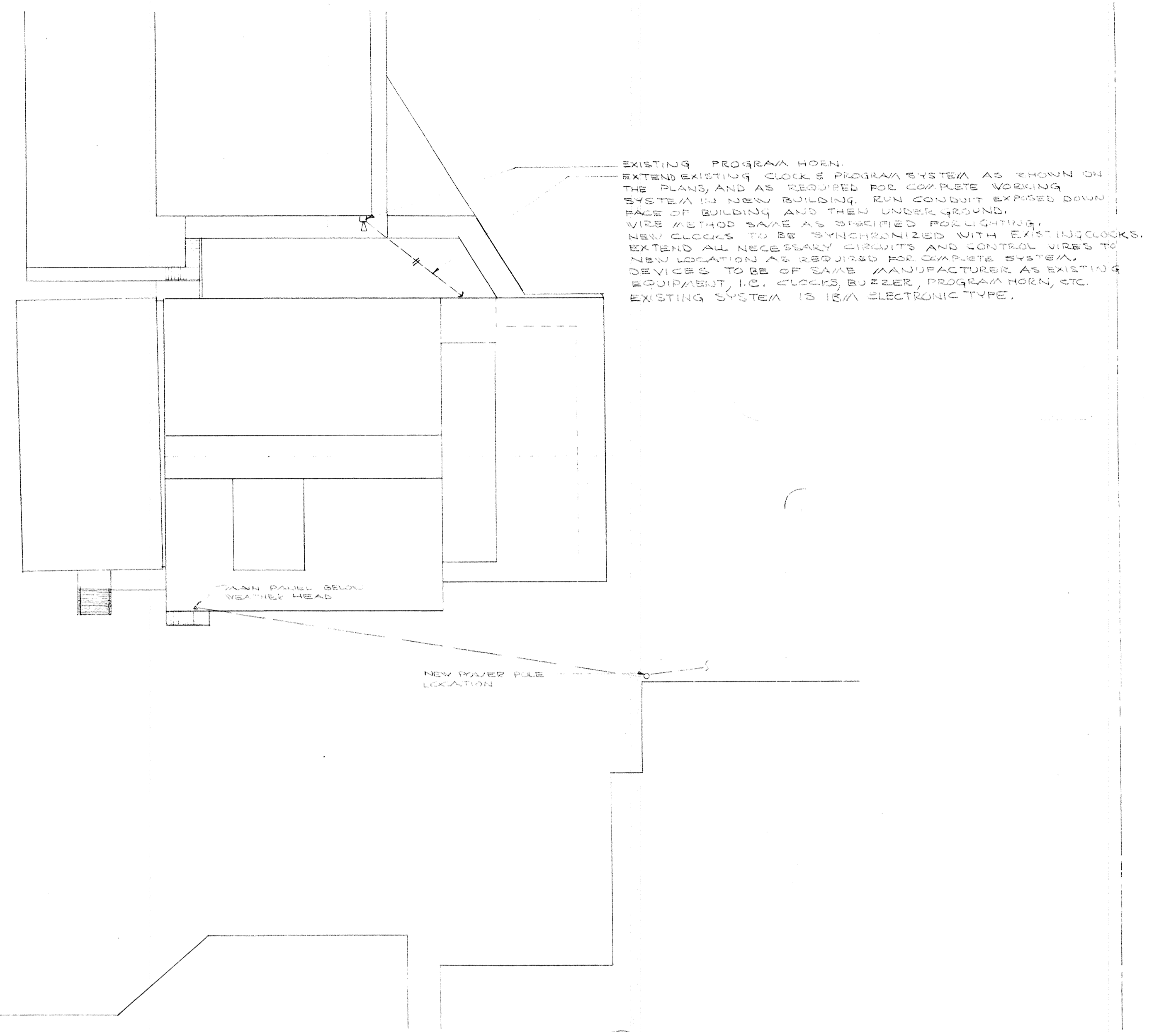
ONE LINE RISER DIAGRAM 120/208V-3Ø4W SN WYE
NO SCALE

ELECTRICAL SYMBOLS

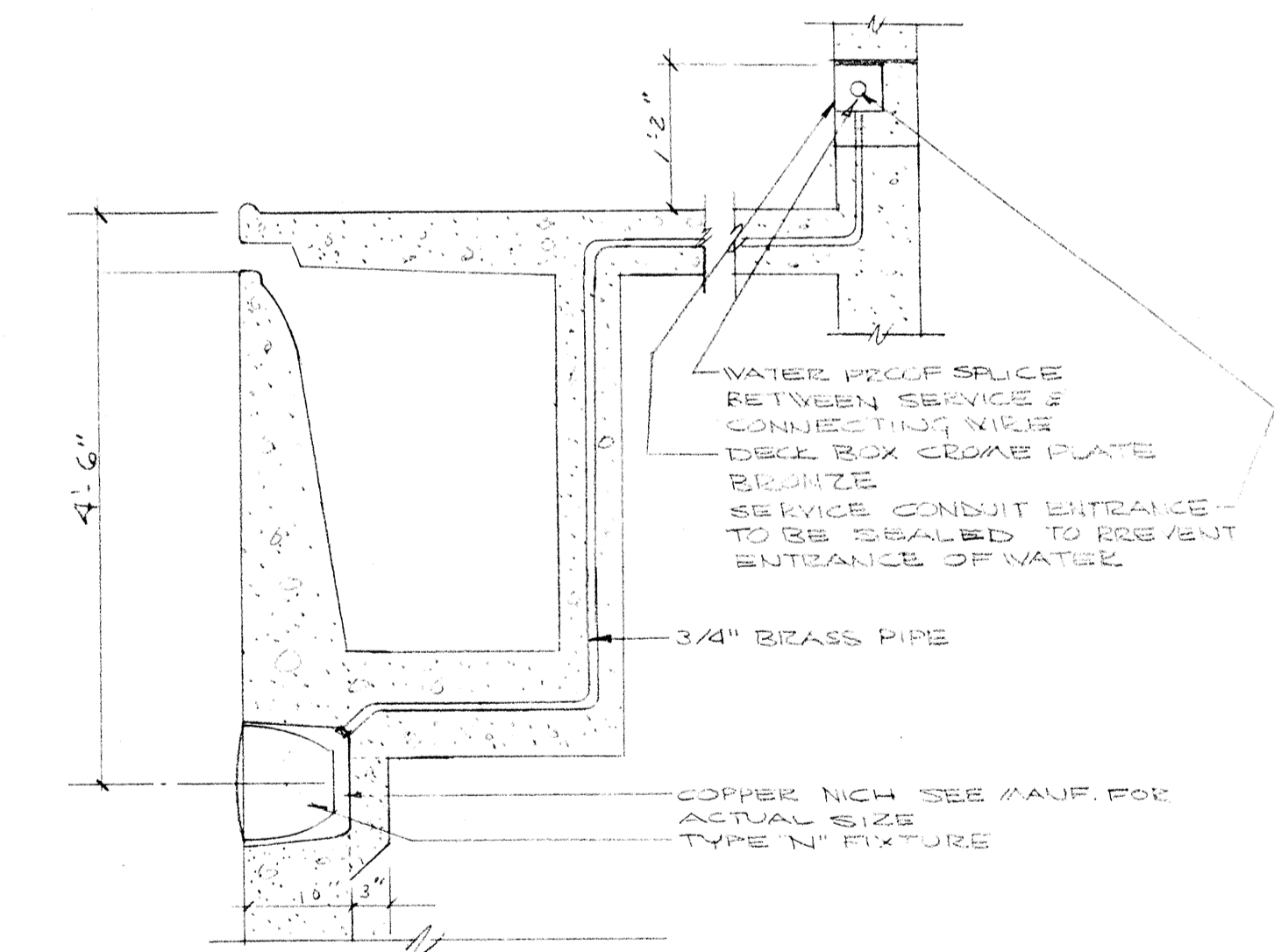
- FLUORESCENT FIXTURE
- CEILING LIGHT OUTLET
- BRACKET LIGHT OUTLET
- RECESSED FIXTURE
- LIGHT OUTLETS ON PHOTO CELL
- ⊕ ⊖ FLUSH SWITCHES
- ⊕ ⊖ SWITCH WITH ROOFLIGHT
- ⊕ ⊖ DUPLEX RECEPTACLE GROUNDING TYPE
- ⊕ ⊖ WEATHER PROOF GROUNDING DUPLEX RECEPTACLE
- ⊕ ⊖ SPECIAL OUTLET AS NOTED
- ⊕ ⊖ JUNCTION BOX
- ⊕ ⊖ WALL TELEPHONE OUTLET
- ⊕ ⊖ MAGNETIC STARTER
- ⊕ ⊖ MOTOR OUTLET
- ⊕ ⊖ DISCONNECT SWITCH
- ⊕ ⊖ PROGRAM HORN
- ⊕ ⊖ CLOCK OUTLET
- ⊕ ⊖ PROGRAM BUZZER
- ⊕ ⊖ MICROPHONE OUTLET
- ▭ BRANCH PANEL
- ▭ MAIN PANEL
- BRANCH CIRCUIT IN CEILING OR WALL
- BRANCH CIRCUIT IN OR UNDER FLOOR
- HOME RUN TO PANEL

EQUIPMENT CONNECTION SCHEDULE

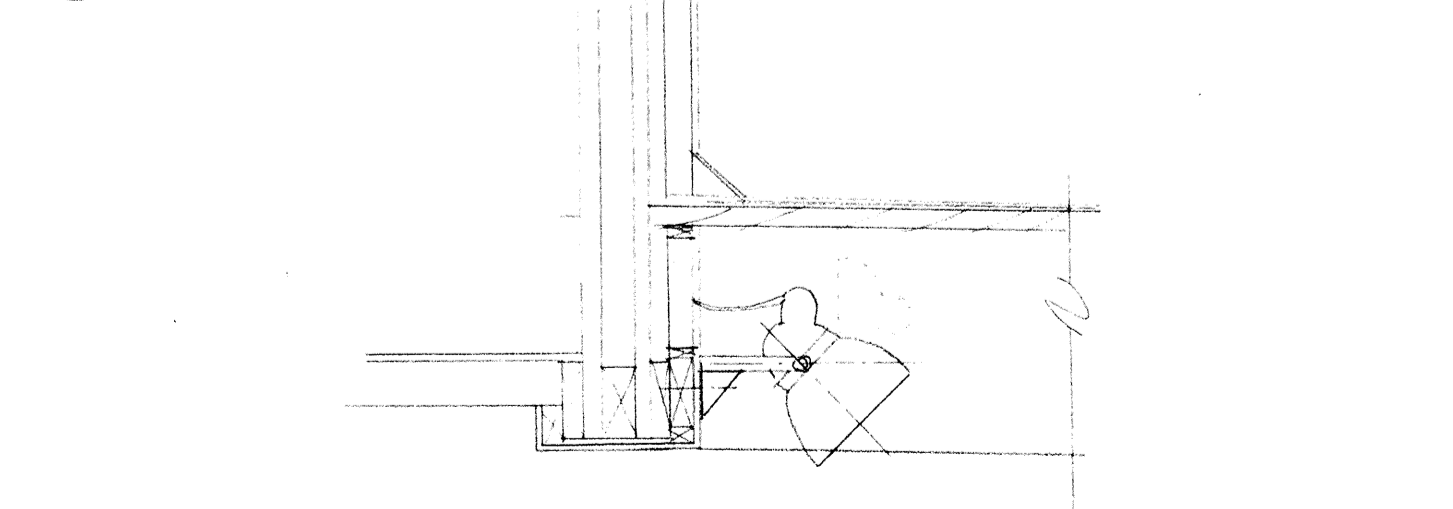
NO	NAME & LOCATION	LOAD		BREAKER	REMARKS
		H.P.	VOLTAGE PH		
1	TOILET ROOM EXHAUST FAN	1/4 HP	120V 1Ø	15A 1P	CONTROLLED BY SWITCH WITH PILOT LIGHT IN OFFICE NO 18
2	TOILET ROOM EXHAUST FAN	3/4 HP	208V 1Ø	20A 2P	CONTROLLED BY SWITCH WITH PILOT LIGHT IN OFFICE NO 18
3	SHOWER EXHAUST FAN	3/4 HP	208V 3Ø	15A 3P	INTERLOCK WITH LOCKER SUPPLY UNIT, CONTROLS BY MECH. CONTRACTOR
4	SHOWER EXHAUST FAN	3/4 HP	208V 3Ø	15A 3P	
5	LOCKER ROOM SUPPLY UNIT	3 HP	208V 3Ø	30A 3P	CONTROLS BY MECH. CONTRACTOR
6	POOL SUPPLY UNIT	7.5 HP	208V 3Ø	70A 3P	CONTROLS BY MECH. CONT. INTERLOCKED WITH POOL SUPPLY UNIT
7	POOL SUPPLY UNIT	7.5 HP	208V 3Ø	70A 3P	2 SPEED EXHAUST FAN MOTORS
8	POOL EXHAUST UNIT	5 HP	208V 3Ø	40A 3P	
9	POOL EXHAUST UNIT	5 HP	208V 3Ø	40A 3P	
10	VACUUM PUMP	1.5 HP	208V 3Ø	15A 3P	
11	BOOSTER PUMP	1.5 HP	208V 3Ø	15A 3P	
12	POOL PUMP	20 HP	208V 3Ø	175A 3P	BREAKER AT MAIN PANEL
13	SLURRY FEEDER	110V 1Ø 60C		20A 1P	SWITCH & CONJ. OUTLET
14	SLURRY MIXER	110V 1Ø 60C		20A 1P	SWITCH & CONJ. OUTLET
15	LOCKER ROOM SUPPLY UNIT	1 HP	208V 3Ø	15A 3P	CONTROLS BY MECH. CONTRACTOR
16	LOCKER ROOM EXHAUST	1 HP	208V 3Ø	15A 3P	NOT IN CONTRACT
17	OIL PREHEAT	3 KW	208V	20A 3P	
18	OIL BURNER MOTOR	2.1 HP	208V 3Ø	20A 3P	
19	CONDENSATE RETURN PUMP	1.5 HP	208V 3Ø	15A 3P	



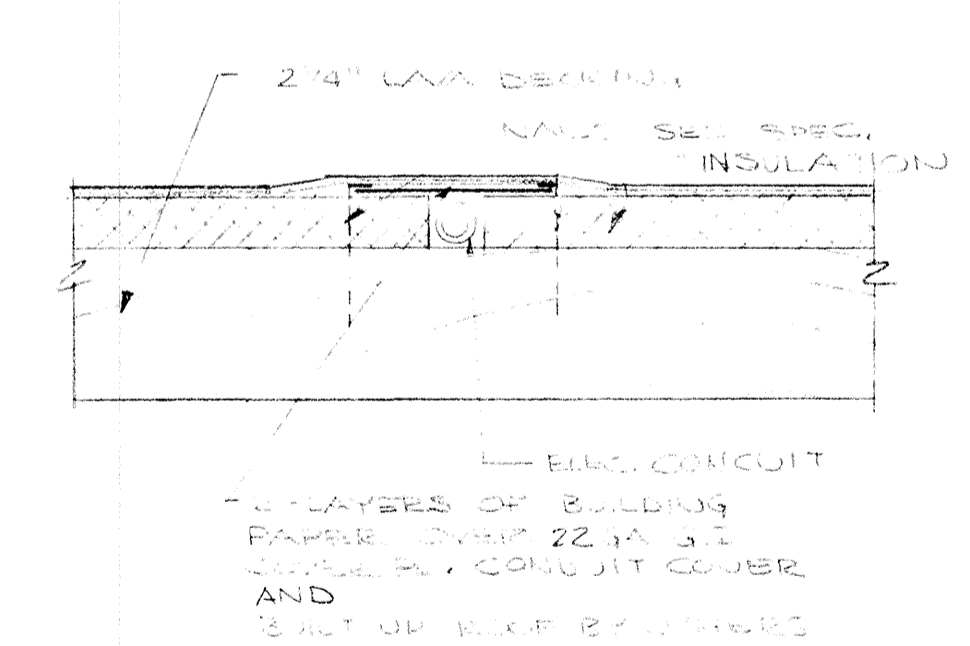
SITE PLAN SCALE 1"=30'0"



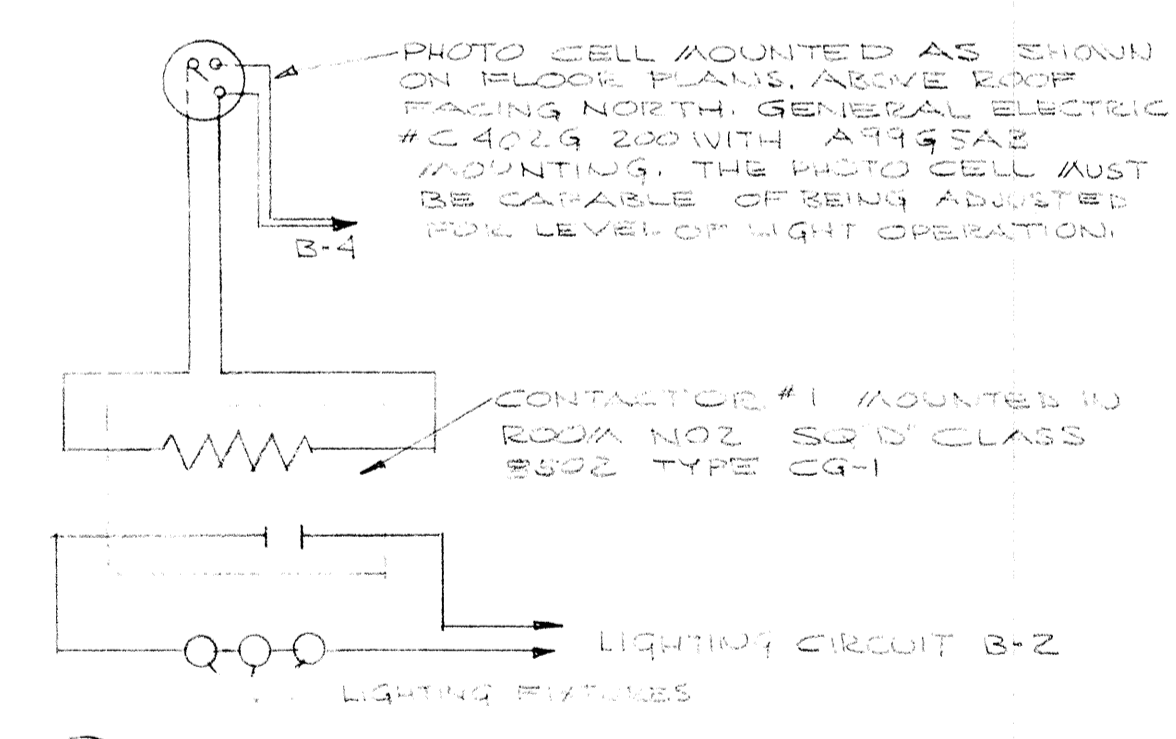
1 UNDER WATER LIGHT SCALE 3/4"=1'0"



2 MOUNTING OF LIGHT TYPE 'B' ON TRUSS SCALE 3/4"=1'0"



3 CONDUIT RUN DETAIL SCALE 3/4"=1'0"



4 PHOTO CELL DETAIL NO SCALE

SITE PLAN & DETAILS

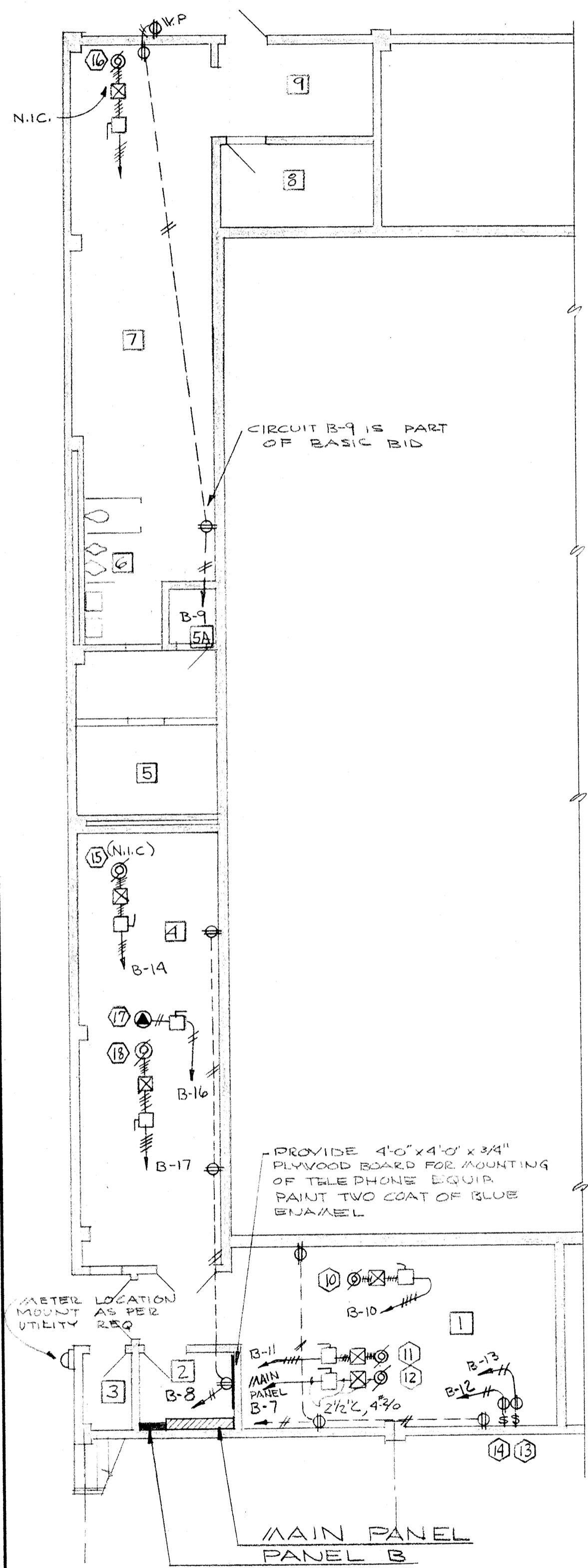
SWIMMING POOL FOR SANDY OREGON

EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS ENGINEERS

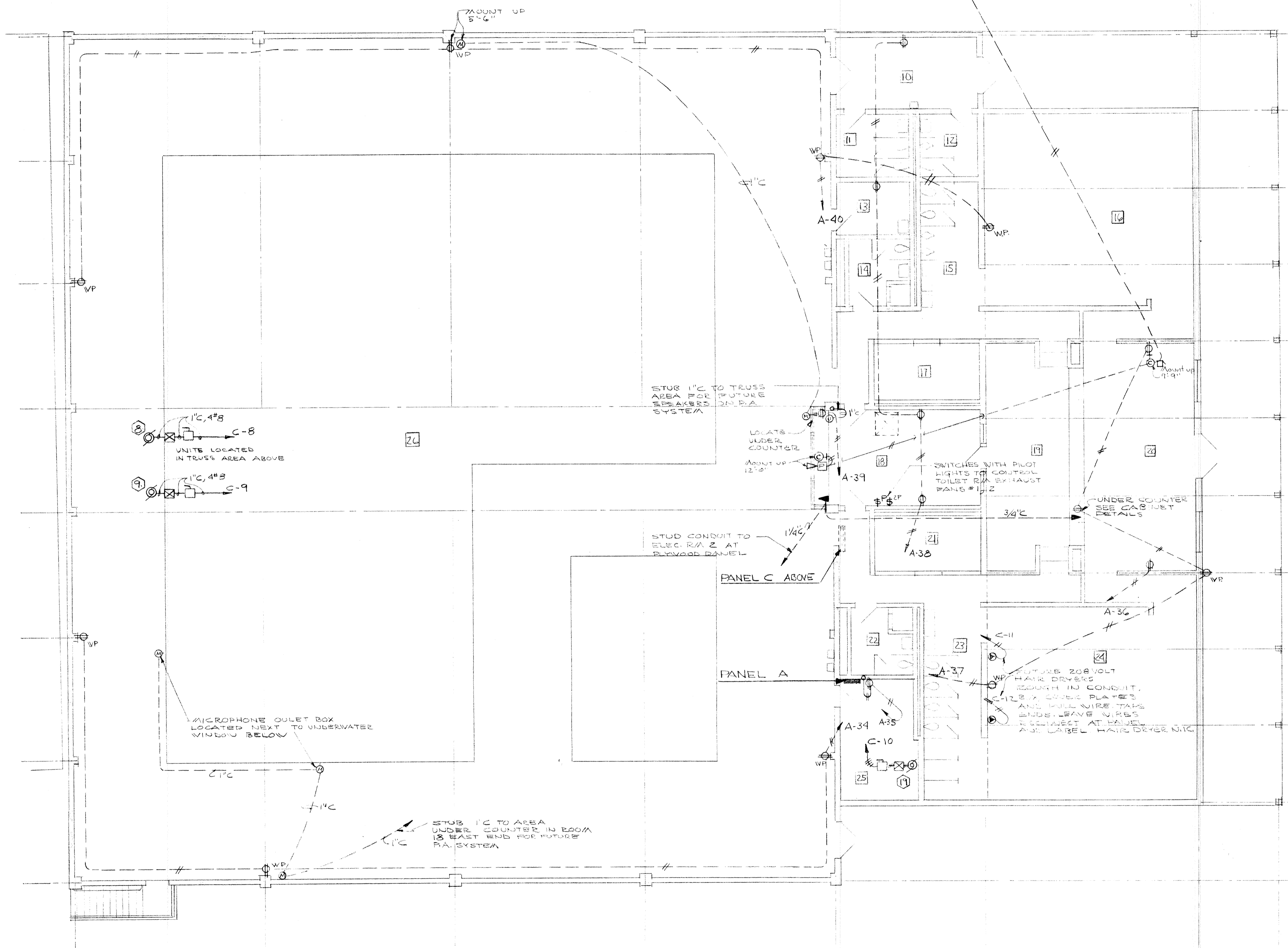
444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158

301

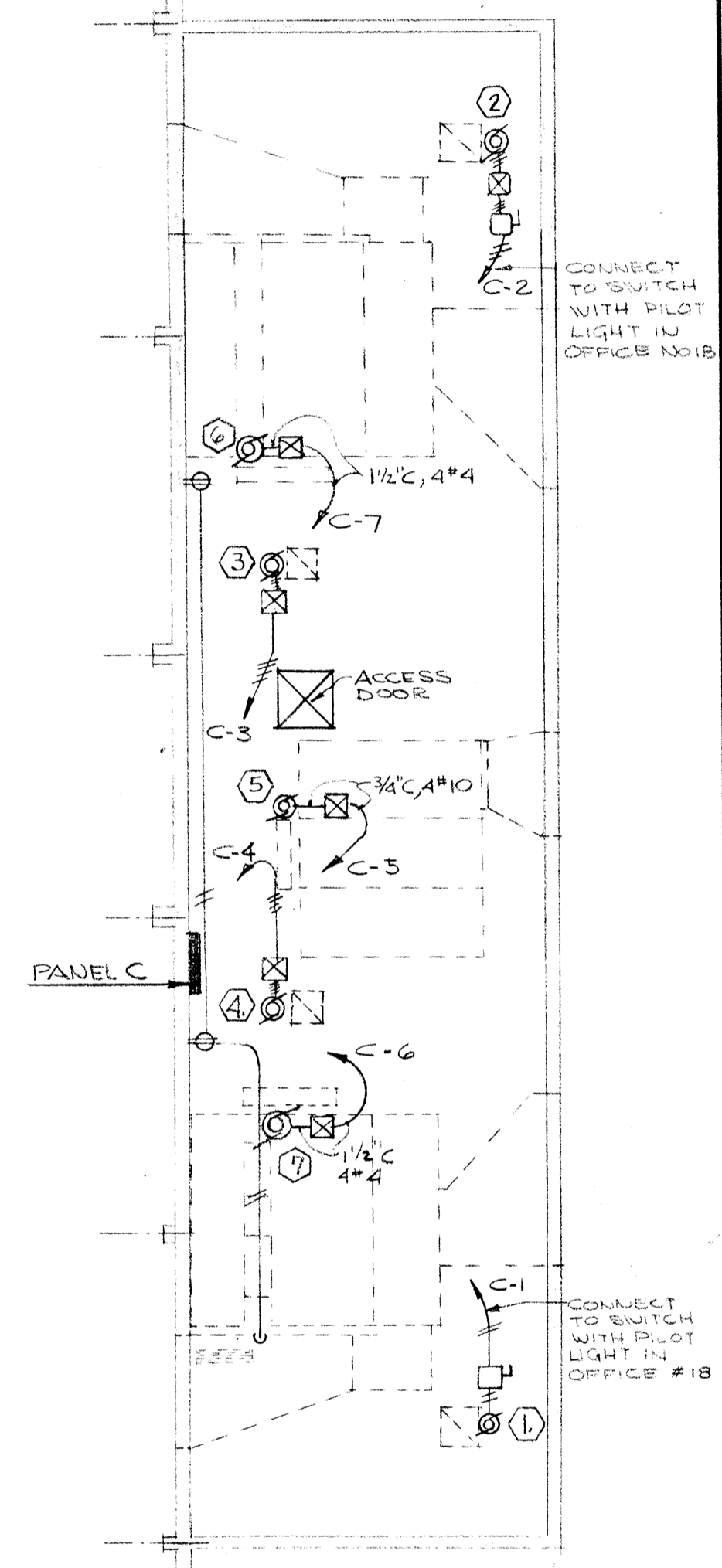
DATE REVISIONS



BASEMENT FL. PLAN - POWER
SCALE 1/8"=1'-0"

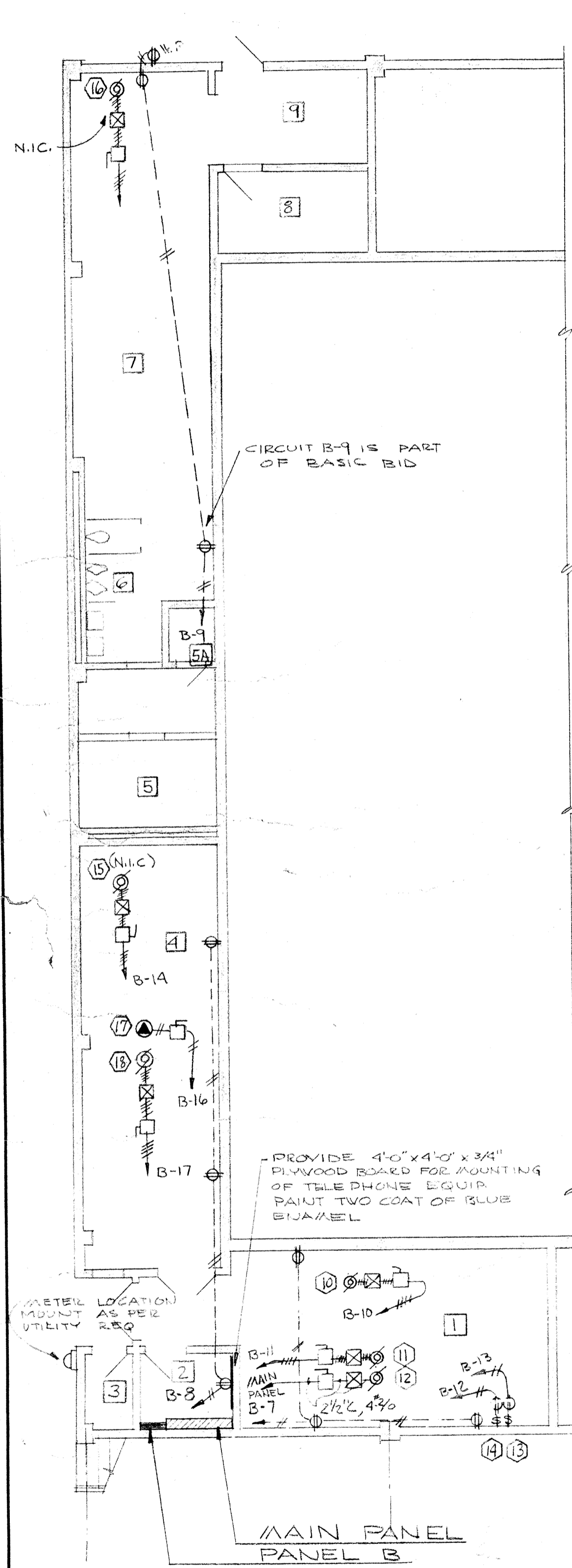


MAIN FLOOR PLAN - POWER
SCALE 1/8"=1'-0"

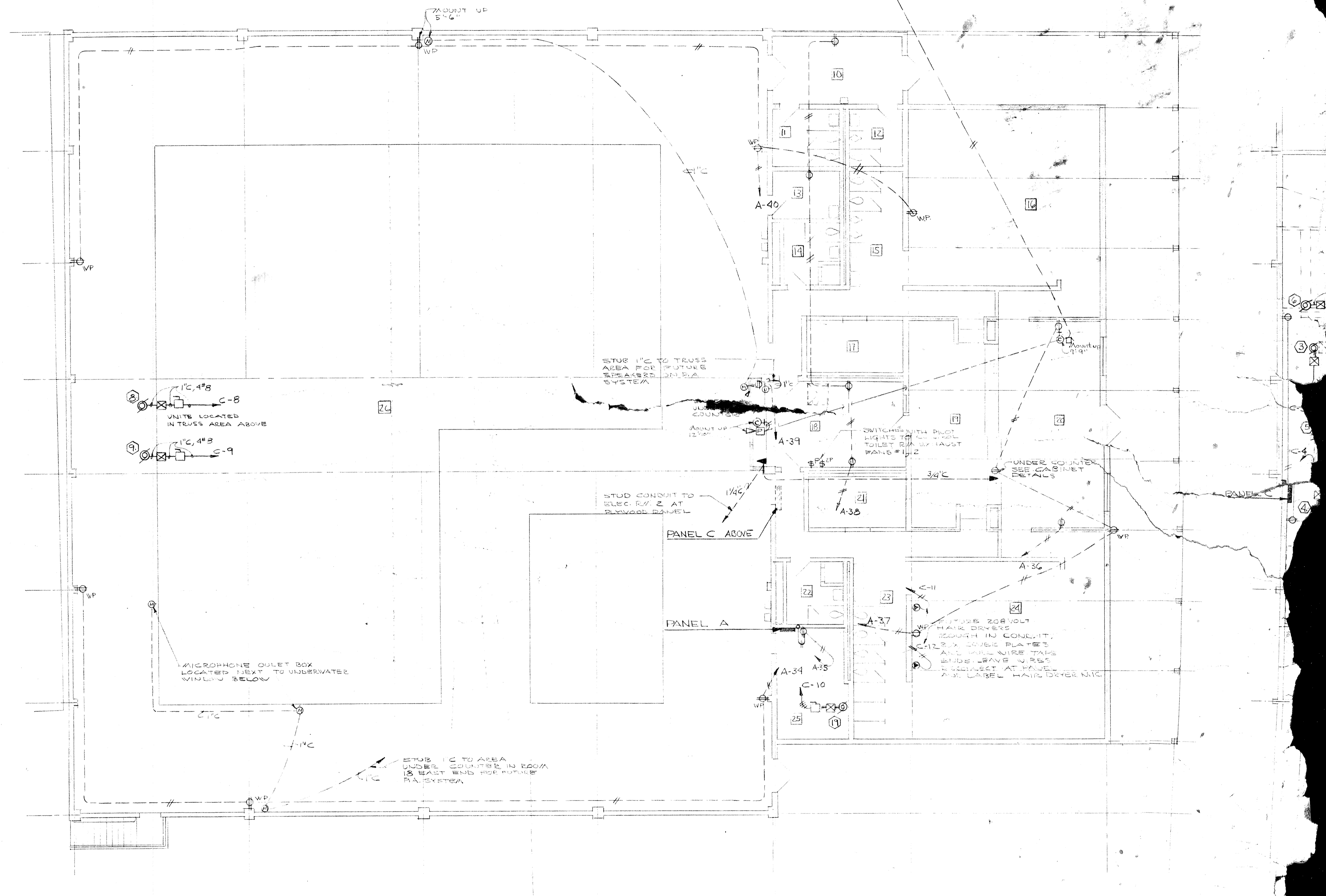


MECH PENTHOUSE
SCALE 1/8"=1'-0"

	DRAWN ASHTON	BASEMENT & MAIN FLOOR PLAN - POWER
	CHECKED	303
	DATE MARCH 21, 66	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS
	REVISIONS	444 FITTICK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158



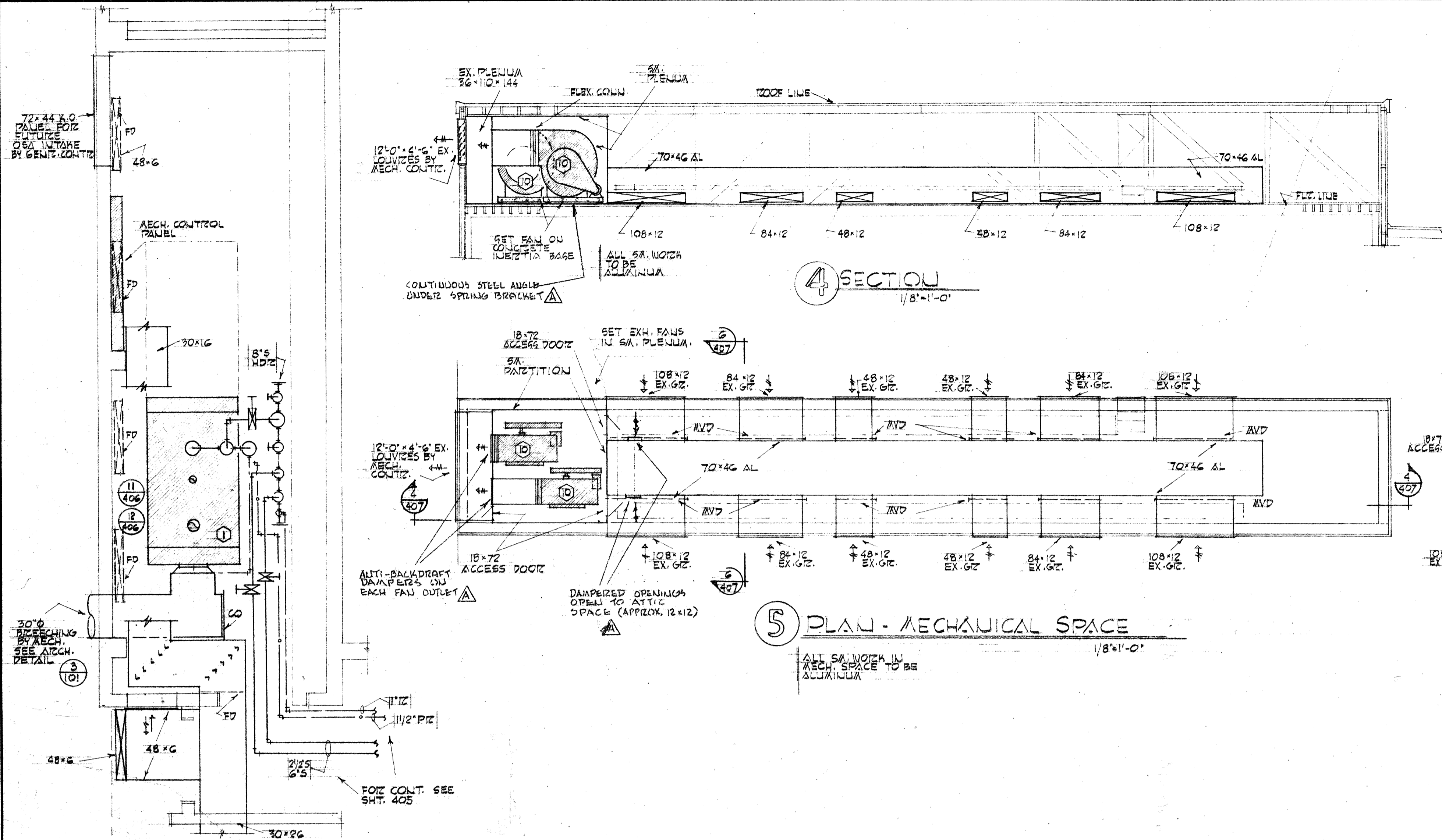
BASEMENT FL. PLAN - POWER
SCALE 1/8"=1'-0"



MAIN FLOOR PLAN - POWER
SCALE 1/8"=1'-0"

MECH
SCALE 1/8"

	DRAWN AS SHOWN	BASEMENT PLAN - POWER
	CHECKED	SKID SAND
	DRAWING	SCHOOL DISTRICT
	DATE MADE 1/20/60	EDMUNDSON KOCH ARCHITECTS
REVISIONS		BLOCK

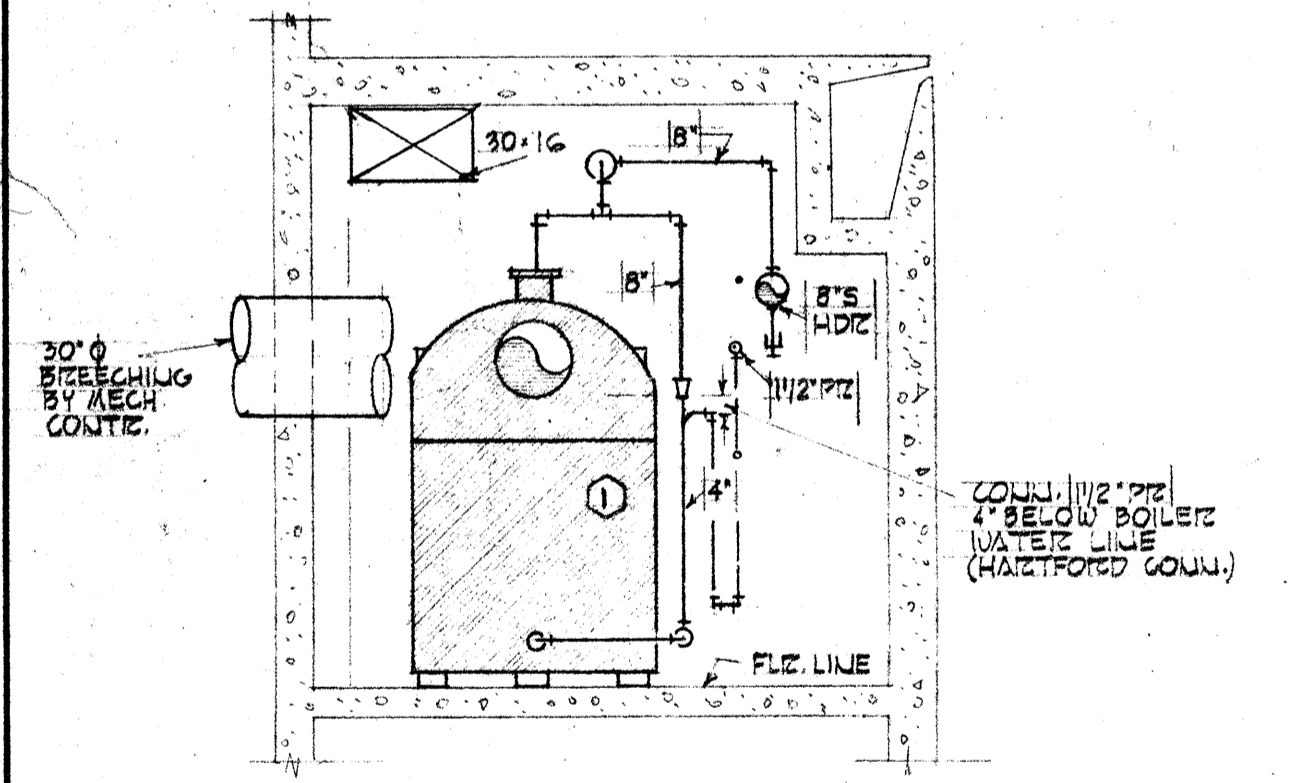


4 SECTION
1/8"=1'-0"

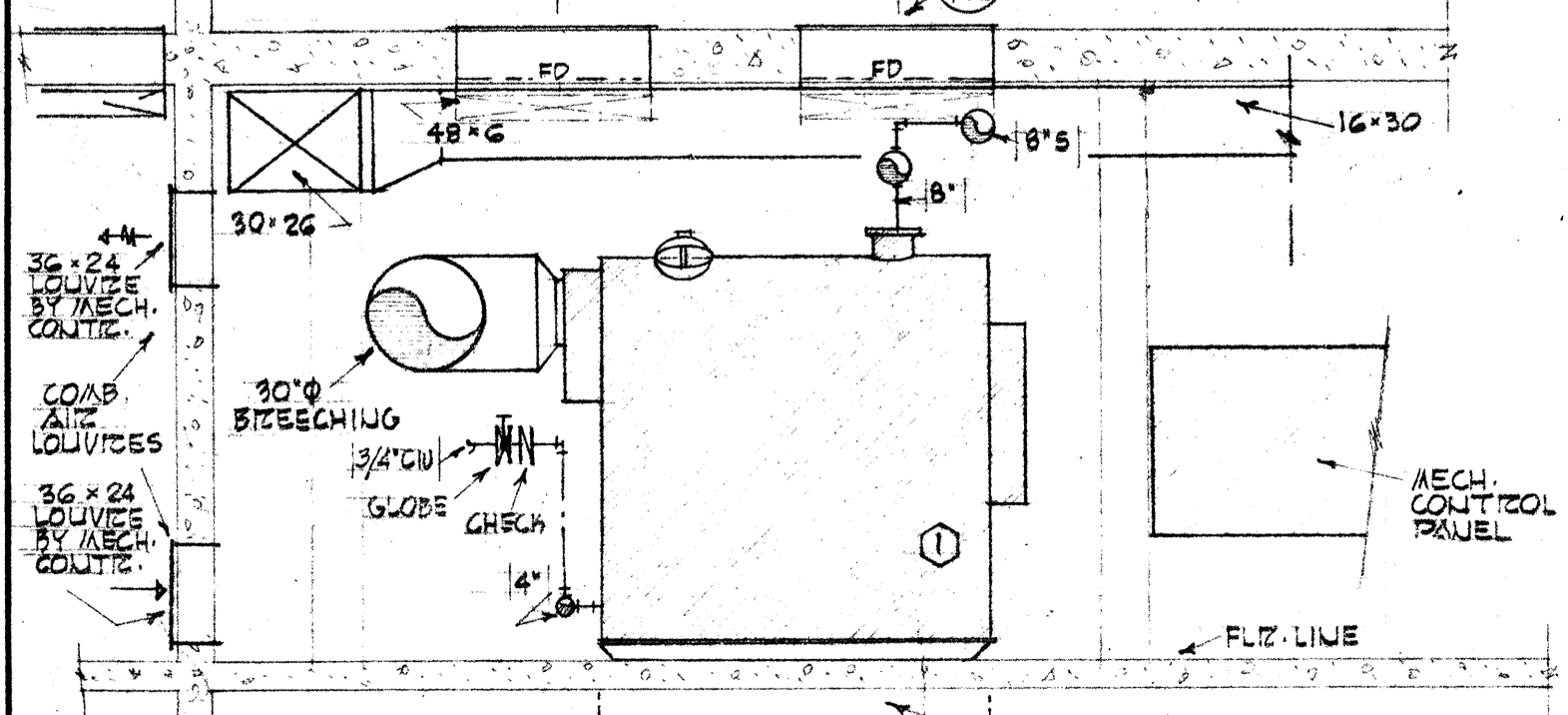
5 PLAN - MECHANICAL SPACE
1/8"=1'-0"

6 SECTION
1/8"=1'-0"

1 PLAN - BOILER AND FAN RA.
1/4"=1'-0"



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



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

EQUIPMENT LIST

1. STEAM HEATING BOILER	3105000 BTU/HK. 67055 OUTPUT 450 SQ. FT. HTG. SURF. ANI. 12" DIA FOR 17 PSI STEAM - SEE MECH. SPECIFICATIONS OIL BURNER FIZING RATE 27 GPH OIL PS 200 OIL
2. OIL STORAGE TANK	10000 GAL. CAPACITY 8'-0" x 27'-7" UL LABEL
3. CONDENSATE RETURN PUMP DUPLX - VERTICAL	20000 SQ. FT. EDI. @ 20 PSI. DISCHARGE PRESSURE, PUMP CAPACITY 30 GPM 24" x 36" RECEIVER 3500 RPM. 1.5 HP
4. DOM. HOT WATER GENERATOR	ABECO 1010 42.5 GPM 40°F TO 105°F ON 2 PSI. STEAM 50 SQ. FT. HTG. SURFACE VALVE 1380 1/2" HZ
5. POOL WATER HEATER	ABECO 1005 40 GPM 40°F TO 80°F ON 2 PSI. STEAM 25 SQ. FT. HTG. SURFACE VALVE 800 1/2" HZ
6. POOL AREA SUPPLY UNITS (2 REQ'D)	16000 CFM. EACH @ 1 1/4" SP. 1800 FPM. OV. 3242 FPM. TS. 7.5 HP FC
7. HEATING COIL FOR (2 REQ'D)	16000 CFM. EACH. COIL TO FIT UNIT 500 FPM. EV. COIL TEMP. RISE 90°F TO 120°F VALVE 1216 1/2" HZ. EACH TRAP 1824 1/2" HZ. EACH
8. LOCKER AREA MULTI-ZONE UNIT	6200 CFM @ 3/4" SP. 1300 FPM. OV. 2516 FPM. TS. 3 HP FC
9. HEATING COIL FOR (8)	5000 CFM. COIL TO FIT UNIT 300 FPM. EV. COIL TEMP. RISE 90°F TO 120°F VALVE 330 1/2" HZ. TRAP 370 1/2" HZ
10. POOL AREA EXHAUST FANS (2 REQ'D)	17000 CFM. EACH @ 3/4" SP. 1500 FPM. OV. 4724 FPM. TS. 5 HP 31" SUBST. THD. CLASS 1. 2 SPEED MOTOR
11. SHOWER EXHAUST FANS (2 REQ'D)	1000 CFM. EACH @ 1 1/4" SP. 1163 FPM. OV. 3220 FPM. TS. 1/2 HP FC ROOF ADJUSTED
12. TOILET EXHAUST FAN	1700 CFM @ 1/2" SP. 1082 FPM. OV. 1946 FPM. TS. 3/4 HP FC ROOF ADJUSTED
13. TOILET EXHAUST FAN	1100 CFM @ 1/2" SP. 1376 FPM. OV. 2063 FPM. TS. 1/2 HP FC ROOF ADJUSTED

NOTES

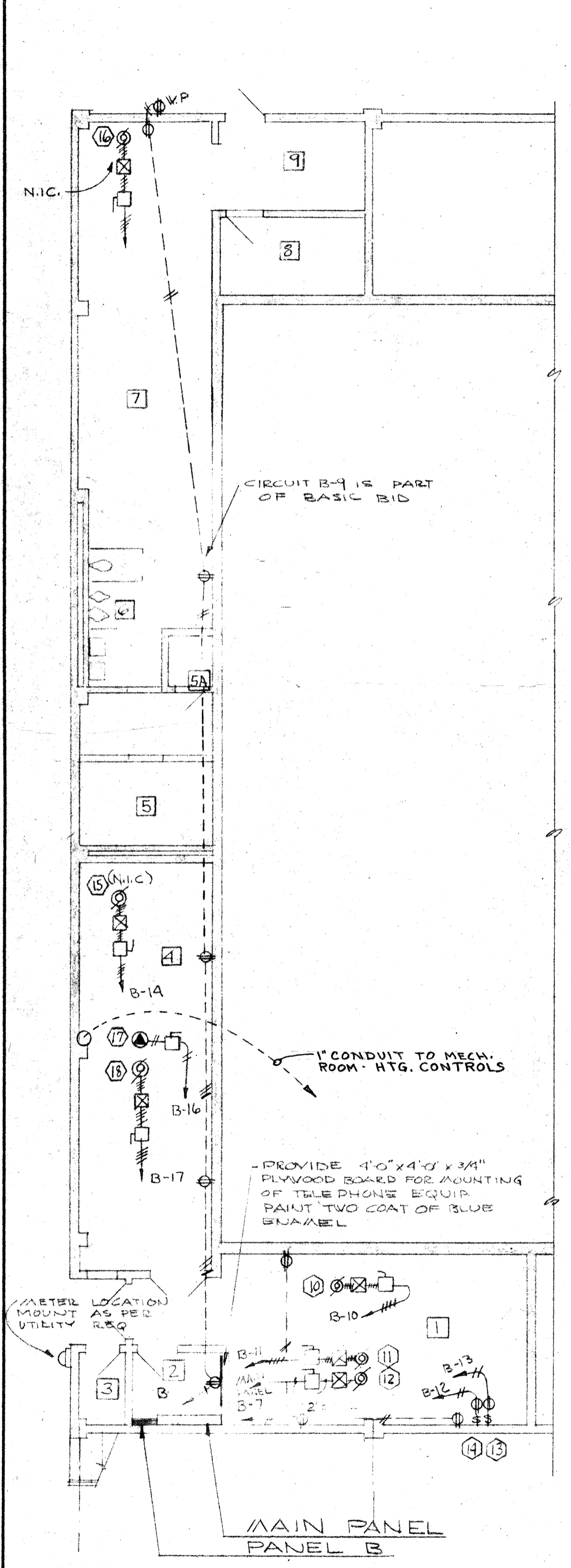
20. MOUNT ROOM THERMOSTATS 5 FT. ABOVE FLOOR, EXCEPT WHERE OTHERWISE NOTED.
21. STEAM TRAPS TO PASS 1.5 TIMES CAPACITY OF STEAM VALVE AT 1.5" DROP - SEE MECH. SPEC'S.
22. ALL MOTORS AND PUMPS SHALL HAVE SA. DRAIN PANS OF AMPL. DIMENSIONS.
23. ALL EQUIPMENT DRIVES SHALL HAVE SUITABLE RIGID GUARDS.
24. ALL ACCESS DOORS AND PANELS SHALL BE PROVIDED TO HTG. COILS, FICE DPRS. AND ALL OTHER MECH. EQUIP. FOR CLEANING AND SERVICING.
25. ALL STEAM TRAPS TO BE ADJUSTED FOR GRAVITY FLOW AND LOCATED IN ACCESSIBLE POSITION FOR CLEANING AND SERVICING.
26. ALL ACCESS DOORS AND PANELS IN CLG. AND WALLS FOR ACCESS TO MECH. EQUIPMENT SHALL BE FURNISHED IN INSTALLED BY MECH. CONTR.
27. ALL ACCESS DOORS AND PANELS IN CLG. AND WALLS FOR ACCESS TO MECH. EQUIPMENT SHALL BE FURNISHED IN INSTALLED BY MECH. CONTR.
28. F.D. INDICATES FICE DAMPER
29. A.V.D. INDICATES MANUAL VOLUME DAMPER

PIPING LEGEND

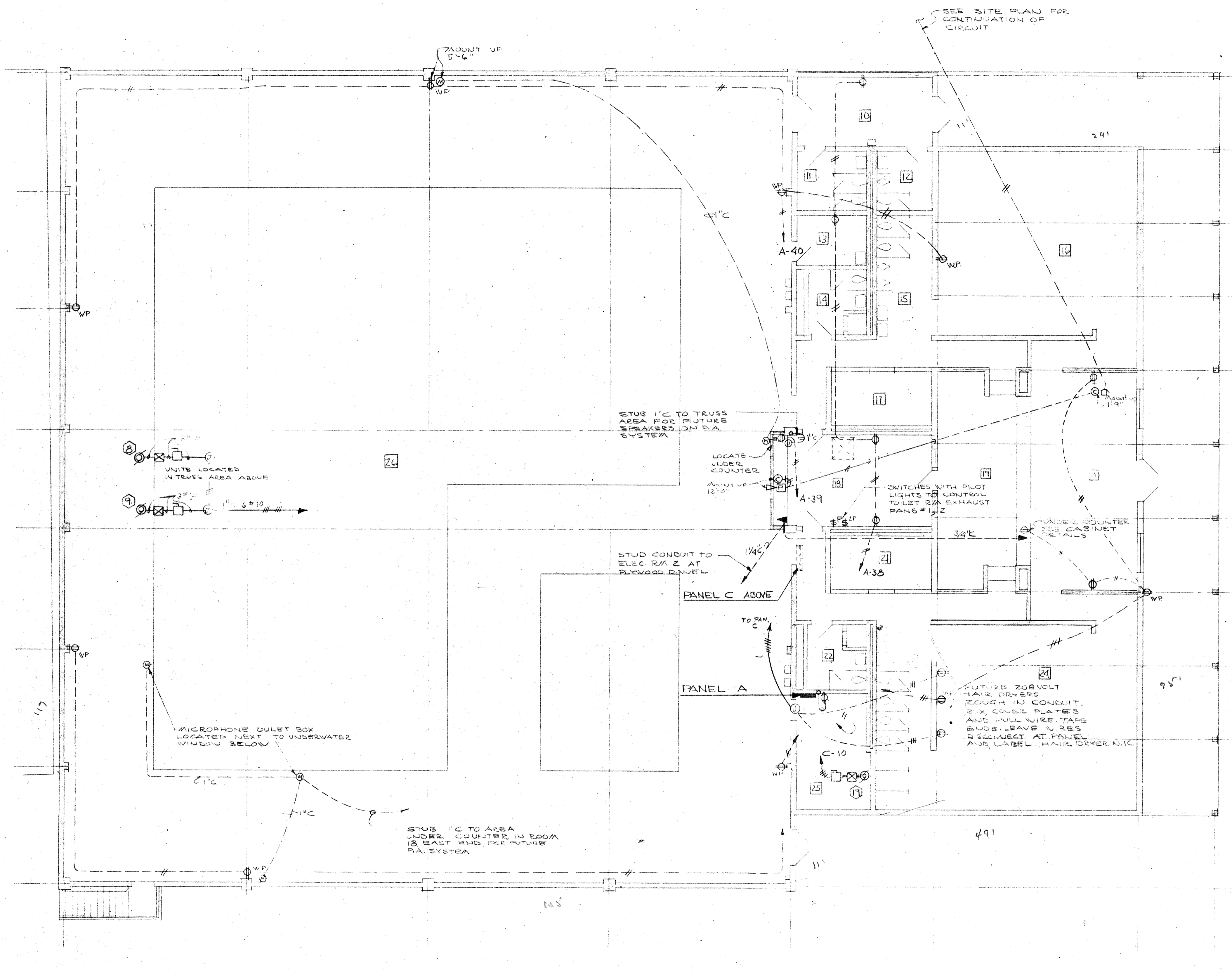
STEAM	S	=====
RETURN	R	=====
PUMPED RETURN	P/R	=====
VENT	V	=====
COLD WATER	CW	=====

4-25-67 AS BUILT REVISIONS

	DRAWN 3A	MECHANICAL DETAILS SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY
	CHECKED TF STP	
EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 PITTOCK BLOCK PORTLAND, OREGON 97205		ENGINEERS TELEPHONE 227-1158



BASEMENT FL. PLAN - POWER
SCALE 1/8"=1'-0"

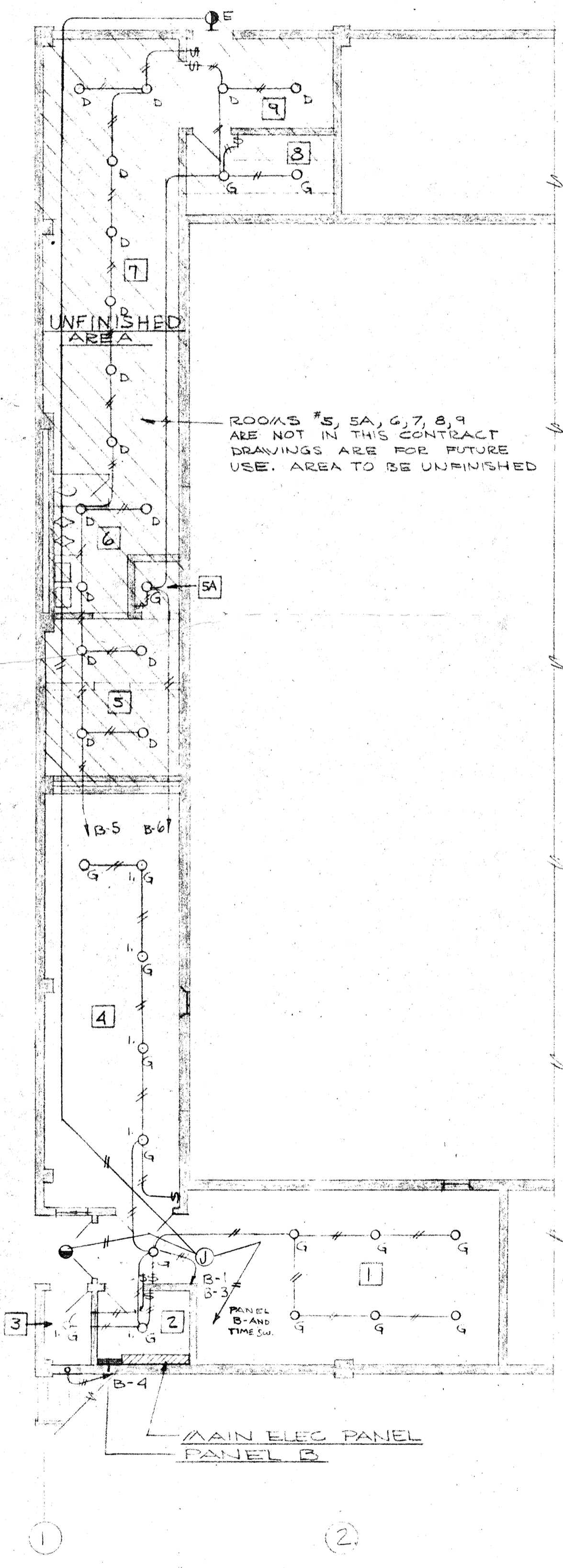


MAIN FLOOR PLAN - POWER
SCALE 1/8"=1'-0"

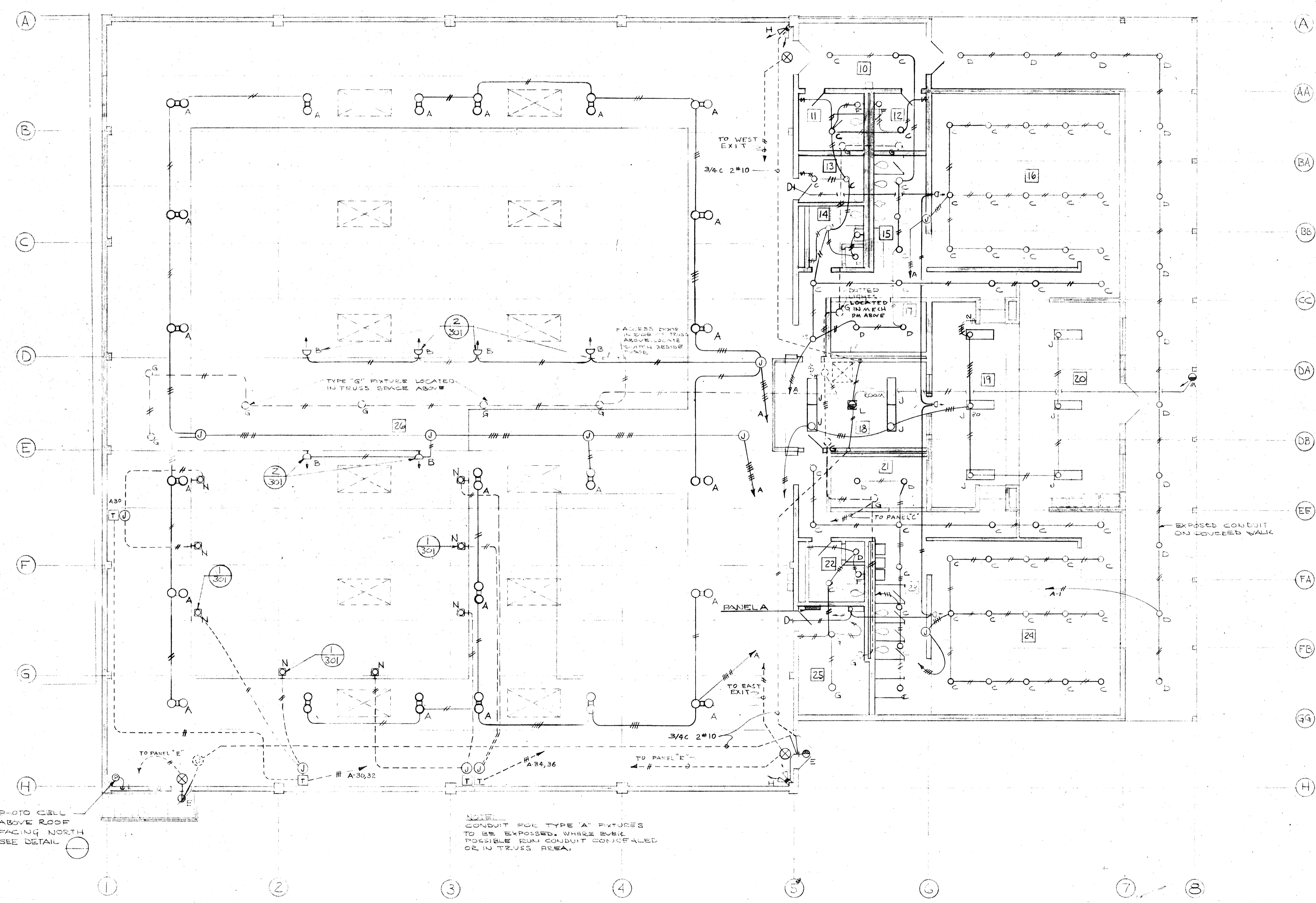
MECH PENTHOUSE
SCALE 1/8"=1'-0"

AS-BUILT 5-18-67 LE/
BASEMENT & MAIN FLOOR
PLAN - POWER

	DRAWN ASHTON CHECKED DONALD W. EDMUNDSON	BASEMENT & MAIN FLOOR PLAN - POWER
	303	SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO. 46 - CLATSOP COUNTY
	DATE MARCH 21, 66 REVISIONS	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158

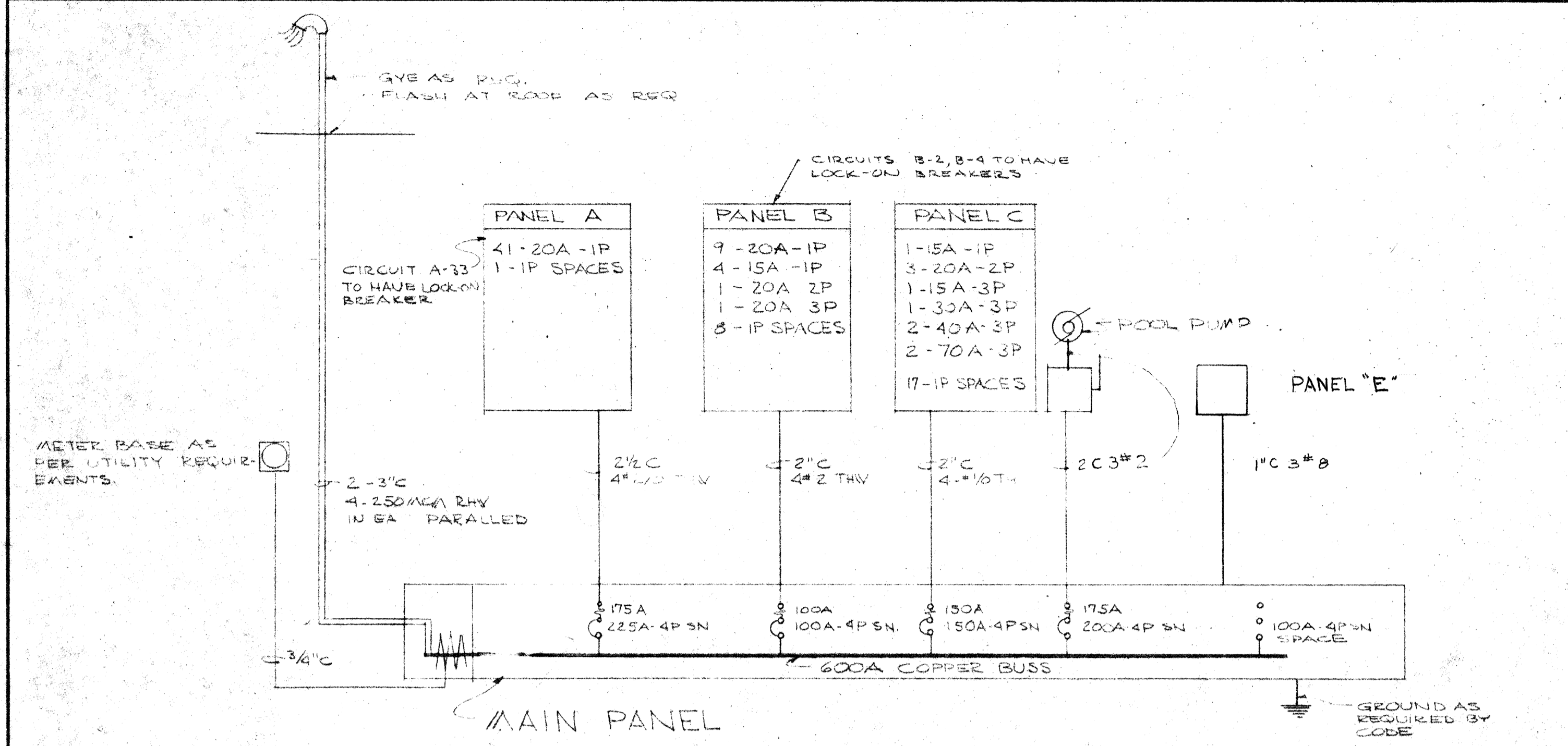


BASEMENT FLOOR PLAN-LIGHTING
SCALE 1/8"=1'-0"



MAIN FLOOR PLAN - LIGHTING
SCALE 1/8"=1'-0"

	DRAWN ASHLTON CHECKED DRAWING 302	AS-BUILT 5-18-67 LE/ BASEMENT & MAIN FLOOR PLAN LIGHTING SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO 46 CLACKAMAS COUNTY
	DATE REVISIONS	EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1128



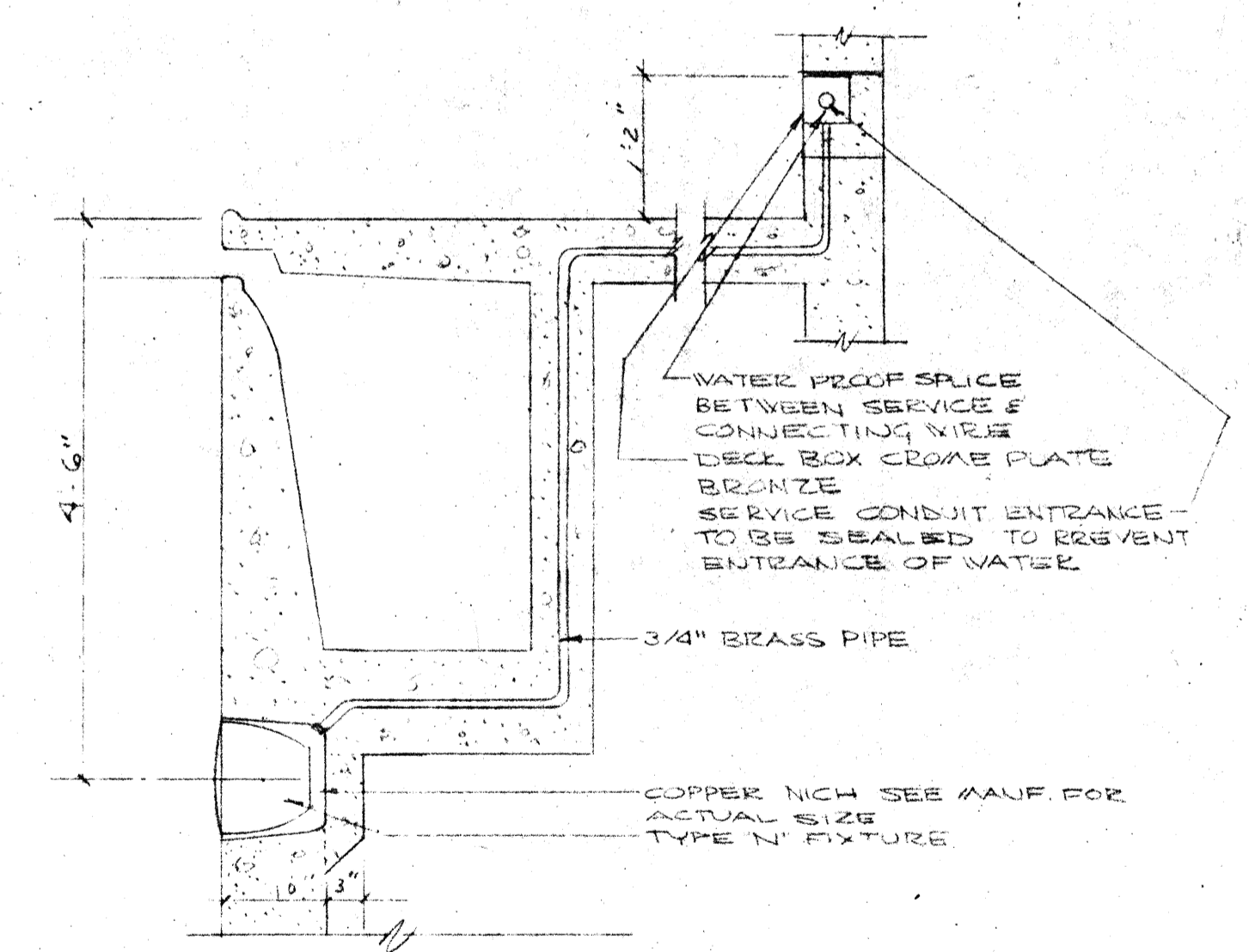
ONE LINE RISER DIAGRAM 120/208V-3Φ 4V SN WYE
NO SCALE

ELECTRICAL SYMBOLS

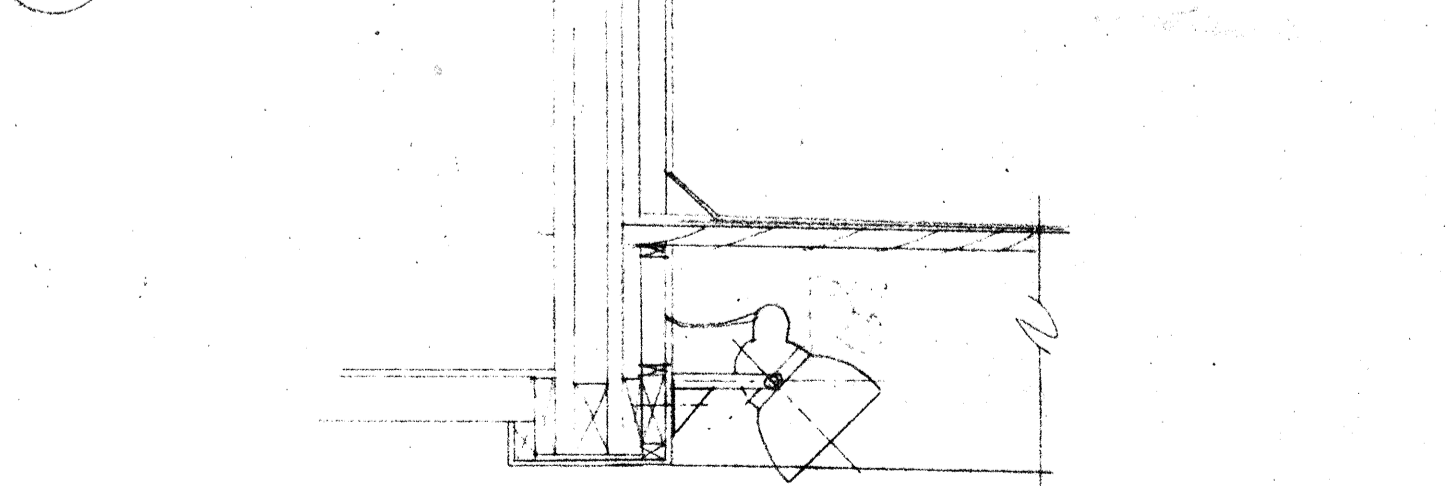
- FLUORESCENT FIXTURE
- CEILING LIGHT OUTLET
- BRACKET LIGHT OUTLET
- RECESSED FIXTURE
- LIGHT OUTLET ON PHOTO CELL
- ⊕ FLUSH SWITCHES
- ⊕ SWITCH WITH RELOTLIGHT
- ⊕ DUPLEX RECEPTACLE GROUNDING TYPE
- ⊕ WEATHER PROOF GROUNDING DUPLEX RECEPTACLE
- ⊕ SPECIAL OUTLET AS NOTED
- ⊕ JUNCTION BOX
- ⊕ WALL TELEPHONE OUTLET
- ⊕ MAGNETIC STARTER
- ⊕ MOTOR OUTLET
- ⊕ DISCONNECT SWITCH
- ⊕ PROGRAM HORN
- ⊕ CLOCK OUTLET
- ⊕ PROGRAM BUZZER
- ⊕ MICROPHONE OUTLET
- ⊕ BRANCH PANEL
- ⊕ MAIN PANEL
- ⊕ BRANCH CIRCUIT IN CEILING OR WALL
- ⊕ BRANCH CIRCUIT IN OR UNDER FLOOR
- ⊕ HOME RUN TO PANEL

EQUIPMENT CONNECTION SCHEDULE

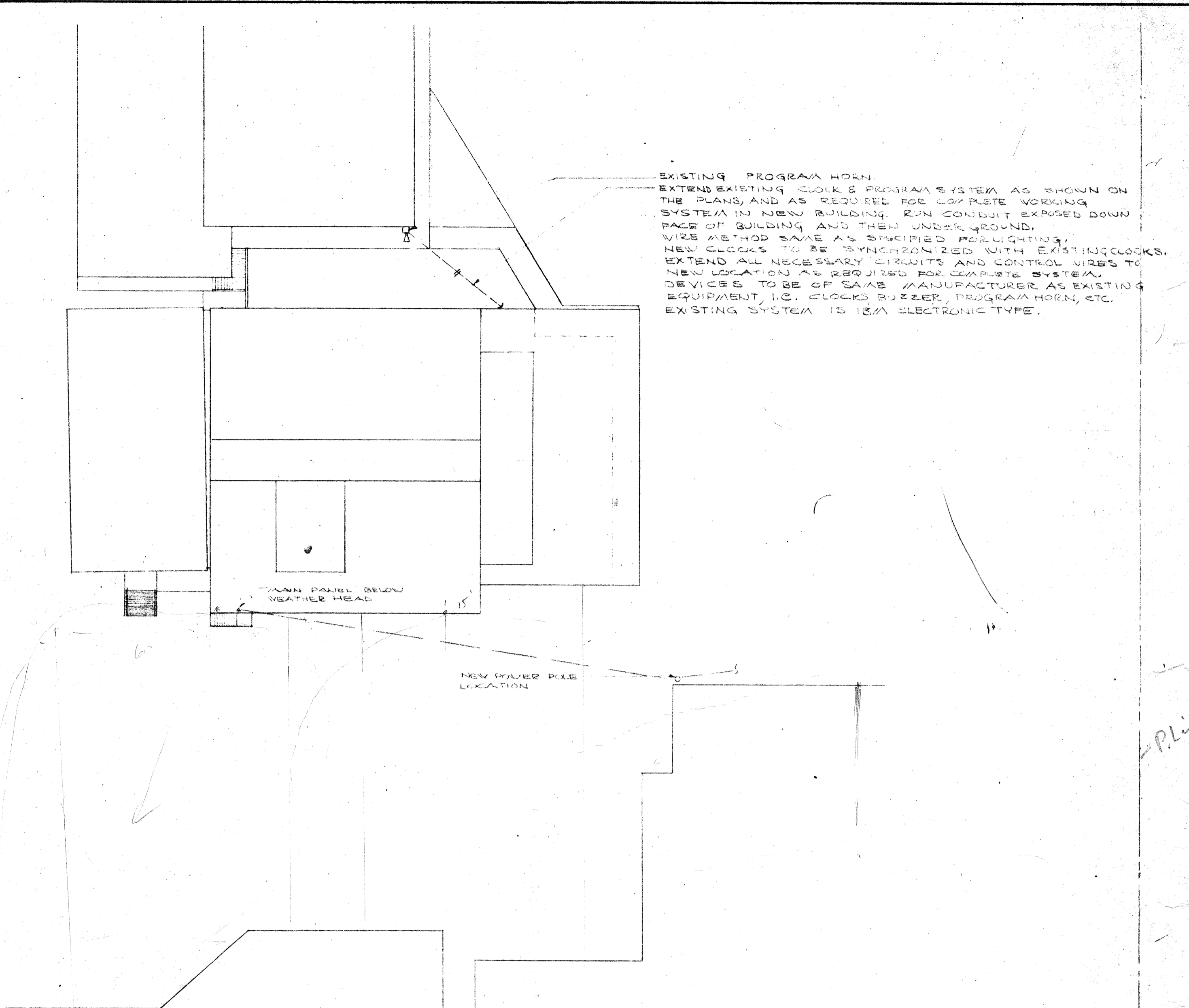
NO	NAME & LOCATION	LOAD HP	VOLTAGE	PH	BREAKER	REMARKS
1	TOILET ROOM EXHAUST FAN	1/4HP	120V	1Φ	15A 1P	CONTROLLED BY SWITCH WITH PILOT LIGHT IN OFFICE NO 18
2	TOILET ROOM EXHAUST FAN	3/4HP	208V	3Φ	20A 2P	CONTROLLED BY SWITCH WITH PILOT LIGHT IN OFFICE NO 18
3	SHOWER EXHAUST FAN	3/4HP	208V	3Φ	15A 3P	INTERLOCK WITH LOCKER SUPPLY UNIT CONTROLS BY MECH. CONTRACTOR
4	SHOWER EXHAUST FAN	3/4HP	208V	3Φ	15A 3P	
5	LOCKER ROOM SUPPLY UNIT	3HP	208V	3Φ	30A 3P	CONTROLS BY MECH. CONTRACTOR
6	POOL SUPPLY UNIT	7.5HP	208V	3Φ	70A 3P	CONTROLS BY MECH. CONT. INTERLOCKED WITH POOL SUPPLY UNIT
7	POOL SUPPLY UNIT	7.5HP	208V	3Φ	70A 3P	2 SPEED EXHAUST FAN MOTORS
8	POOL EXHAUST UNIT	5HP	208V	3Φ	40A 3P	
9	POOL EXHAUST UNIT	5HP	208V	3Φ	40A 3P	
10	VACUUM PUMP	1.5HP	208V	3Φ	15A 3P	
11	BOOSTER PUMP	1.5HP	208V	3Φ	15A 3P	
12	POOL PUMP	20HP	208V	3Φ	175A 3P	BREAKER AT MAIN PANEL
13	SLURRY FEEDER	1HP	115V	1Φ	20A 1P	SWITCH & CONV. OUTLET
14	SLURRY MIXER	1HP	115V	1Φ	20A 1P	SWITCH & CONV. OUTLET
15	LOCKER ROOM SUPPLY UNIT	1HP	208V	3Φ	15A 3P	CONTROLS BY MECH. CONTRACTOR NOT IN CONTRACT
16	LOCKER ROOM EXHAUST	1HP	208V	3Φ	15A 3P	NOT IN CONTRACT
17	OIL PREHEAT	3 KW	208V	3Φ	20A 3P	
18	OIL BURNER MOTOR	2HP	208V	3Φ	20A 3P	
19	CONDENSATE RETURN PUMP	1/2HP	208V	3Φ	15A 3P	



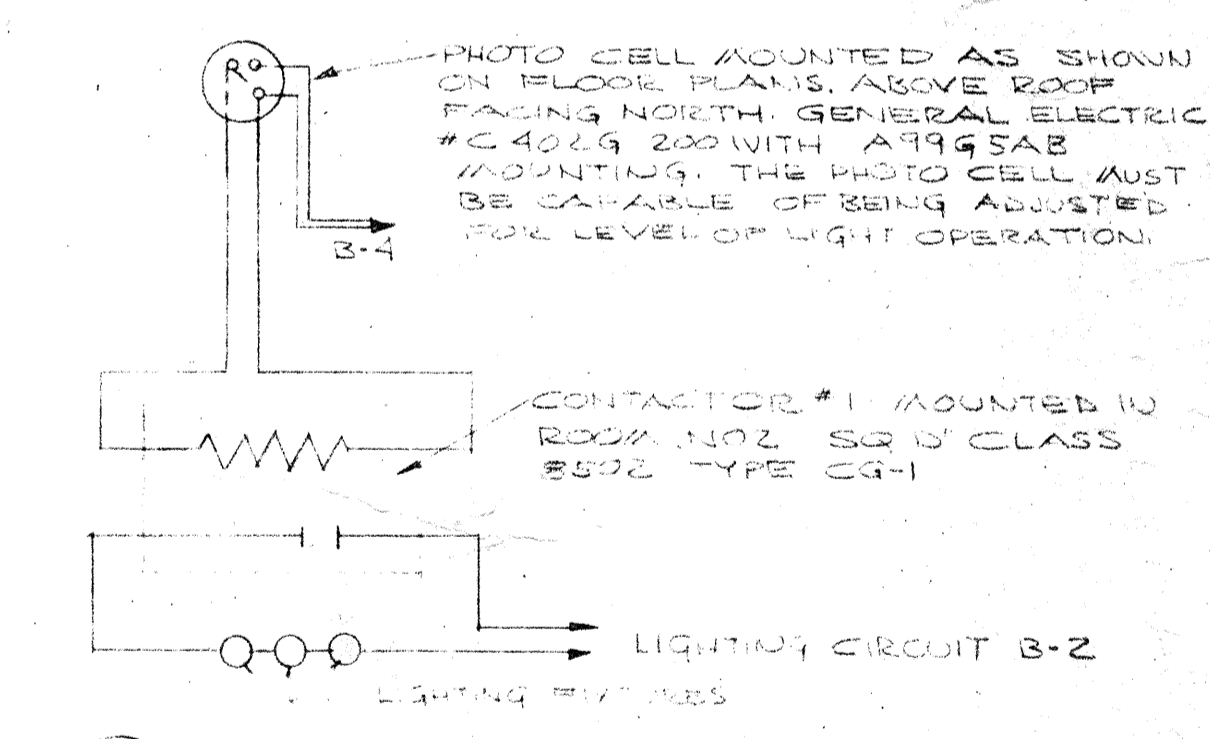
1 UNDER WATER LIGHT
SCALE 3/4"=1'-0"



2 MOUNTING OF LIGHT TYPE 'B' ON TRUSS
SCALE 3/4"=1'-0"



3 CONDUIT RUN DETAIL
SCALE 3/4"=1'-0"



4 PHOTO CELL DETAIL
NO SCALE

SITE PLAN SCALE 1"=30'-0"

AS-BUILT 5-18-67 LE/

SITE PLAN & DETAILS

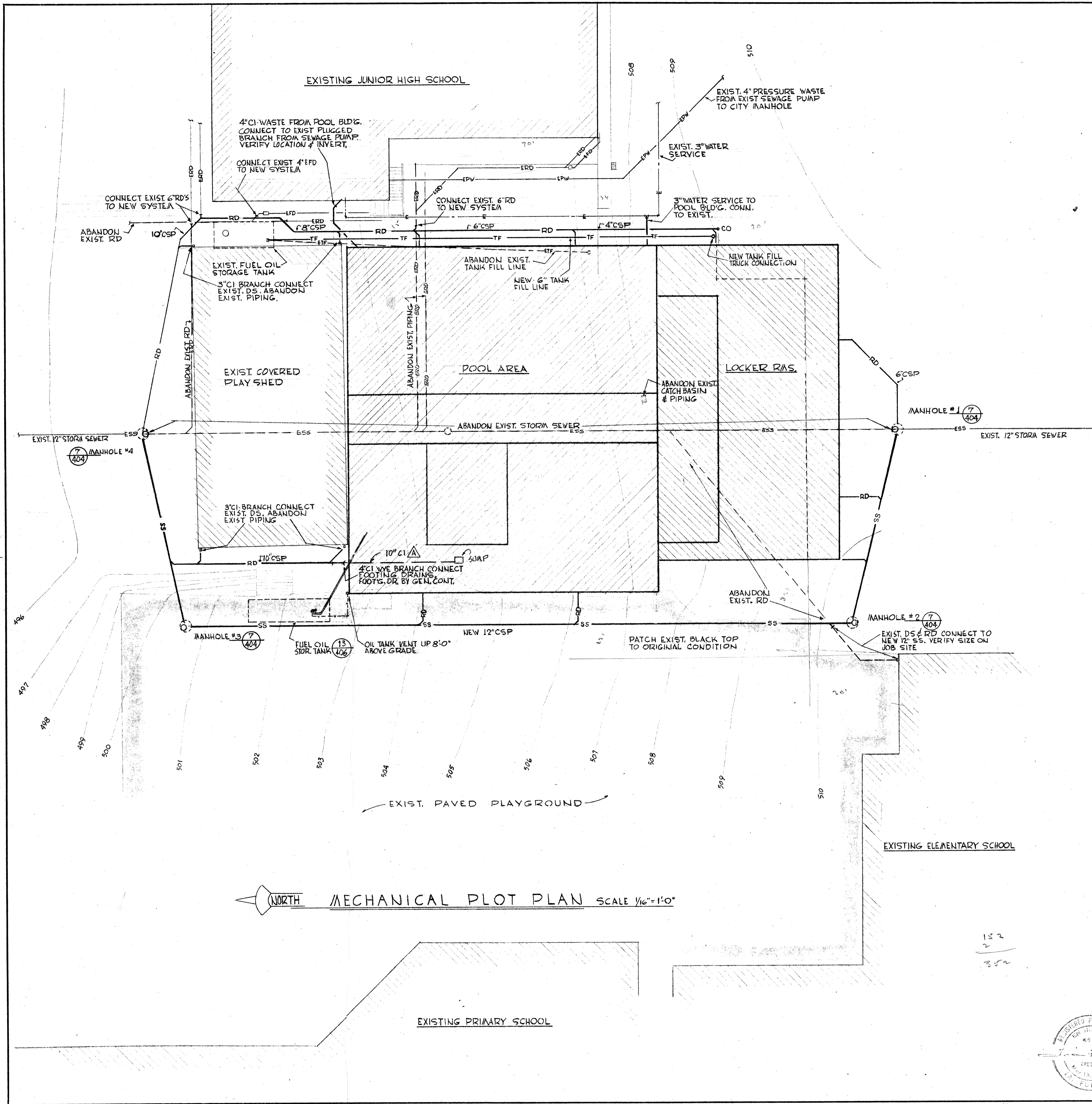
SWIMMING POOL FOR SANDY OREGON
SCHOOL DISTRICT NO 46 CLATSOP COUNTY

EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS
444 PITTOCK BLOCK PORTLAND, OREGON 97205 TELEPHONE 227-1158

REGISTERED ARCHITECT
DONALD W. EDMUNDSON
PORTLAND, OREGON

CHECKED DRAWING 301

DATE REVISIONS



PLUMBING CONNECTION SCHEDULE

MARK	FIXTURE	WASTE	VENT	CW	HW	REMARKS
A	WATER CLOSET	4"	2"	1"		
B	URINAL	2"	2"	3/4"		
C	LAVATORY	1 1/2"	1 1/2"	1/2"	1/2"	
D	SHOWER HEAD				1/2"	
E	SERVICE SINK	3"	2"	1/2"	1/2"	
F1	HOSE BIBB				3/4"	NON-FREEZE
F2	HOSE BIBB				3/4"	INSIDE
G1	SHOWER DRAIN	3"	2"			JOSAM 303-35CK - SINGLE STALL
G2	SHOWER DRAIN	3"	2"			JOSAM 303-35DK - GANG
H1	FLOOR DRAIN	3"	2"			JOSAM 303-35CK
H2	FLOOR DRAIN	3"	2"			JOSAM 7703
H3	FLOOR DRAIN	3"	2"			JOSAM 7723-E3 F-F OVAL
J	DRINKING FOUNTAIN	1/4"	1/4"	1/2"		
K	DRINKING FOUNTAIN - CUSPIDOR	1/2"	1/4"	1/2"		
F3	HOSE BIBB				3/4"	INSIDE

POOL FITTINGS

P1	MAIN POOL DRAINS	JOSAM 0498-YY-K
P2	SHALLOW POOL DRAIN	JOSAM 0482-RK
P3	MAIN POOL INLETS	SWIAQUIP 8416 2"
P4	SHALLOW POOL INLETS	SWIAQUIP 8424 1 1/4"
P5	MAIN POOL FILL	SWIAQUIP 8400 2"
P6	SHALLOW POOL FILL	SWIAQUIP 8360 1"
P7	POOL VACUUM	SWIAQUIP 8080 1/2" x 2"
P8	POOL SKIMMERS	SWIAQUIP 8650 2"

CO = CLEAN OUT
 VTR = VENT THRU ROOF
 DS = DOWN SPOUT

CI = CAST IRON
 CSP = CONCRETE SEWER PIPE

THE ABOVE CONNECTION SIZES ARE FOR INDIVIDUAL PLUMBING FIXTURES. ALL BRANCH WASTE AND VENT PIPING TO BE SIZED ON ACCUMULATED FIXTURE WEIGHTS PER APPLICABLE PLUMBING CODES.

NO WASTE PIPING BELOW GRADE TO BE SMALLER THAN 2" CAST IRON.

PLUMBING FOREMAN TO VERIFY ALL FIXTURES BEFORE COMMENCING WORK. PLUMBING DRAWINGS ARE GENERALLY DIAGRAMMATIC, VERIFY ALL FIXTURE LOCATIONS FROM ARCHITECTURAL DRAWINGS.

EXIST. PIPING INDICATED ALONG WEST END OF EXIST. JUNIOR HIGH SCHOOL IS ONLY APPROXIMATE, VERIFY ALL LOCATIONS AND INVERTS BEFORE INSTALLATION AND CONNECTIONS TO NEW SYSTEM.

PIPING LEGEND

WASTE	W	-----	-----	-----	-----
VENT	V	-----	-----	-----	-----
RAIN DRAIN	RD	-----	-----	-----	-----
COLD WATER	CW	-----	-----	-----	-----
HOT WATER (105°F)	HW	-----	-----	-----	-----
POOL FILL	PF	-----	-----	-----	-----
POOL SUPPLY	PS	-----	-----	-----	-----
POOL VACUUM	PV	-----	-----	-----	-----
SKIMMER RETURN	SR	-----	-----	-----	-----
POOL DRAIN	PD	-----	-----	-----	-----
CHLORINE	C	-----	-----	-----	-----
CHLORINATOR WATER	CLW	-----	-----	-----	-----
STORM SEWER	SS	-----	-----	-----	-----

4-25-67 AS BUILT REVISIONS

	DRAWN	MECHANICAL PLOT PLAN SWIMMING POOL FOR SANDY OREGON SCHOOL DISTRICT NO. 46 CLACKAMAS COUNTY
	CHECKED	
	DRAWING	401
	DATE	
	REVISIONS	DATE: MARCH 21, 66 REVISIONS:
EDMUNDSON KOCHENDOERFER KENNEDY & TRAVERS ARCHITECTS 444 PITTOCK BLOCK PORTLAND, OREGON 97205		ENGINEERS TELEPHONE 227-1158