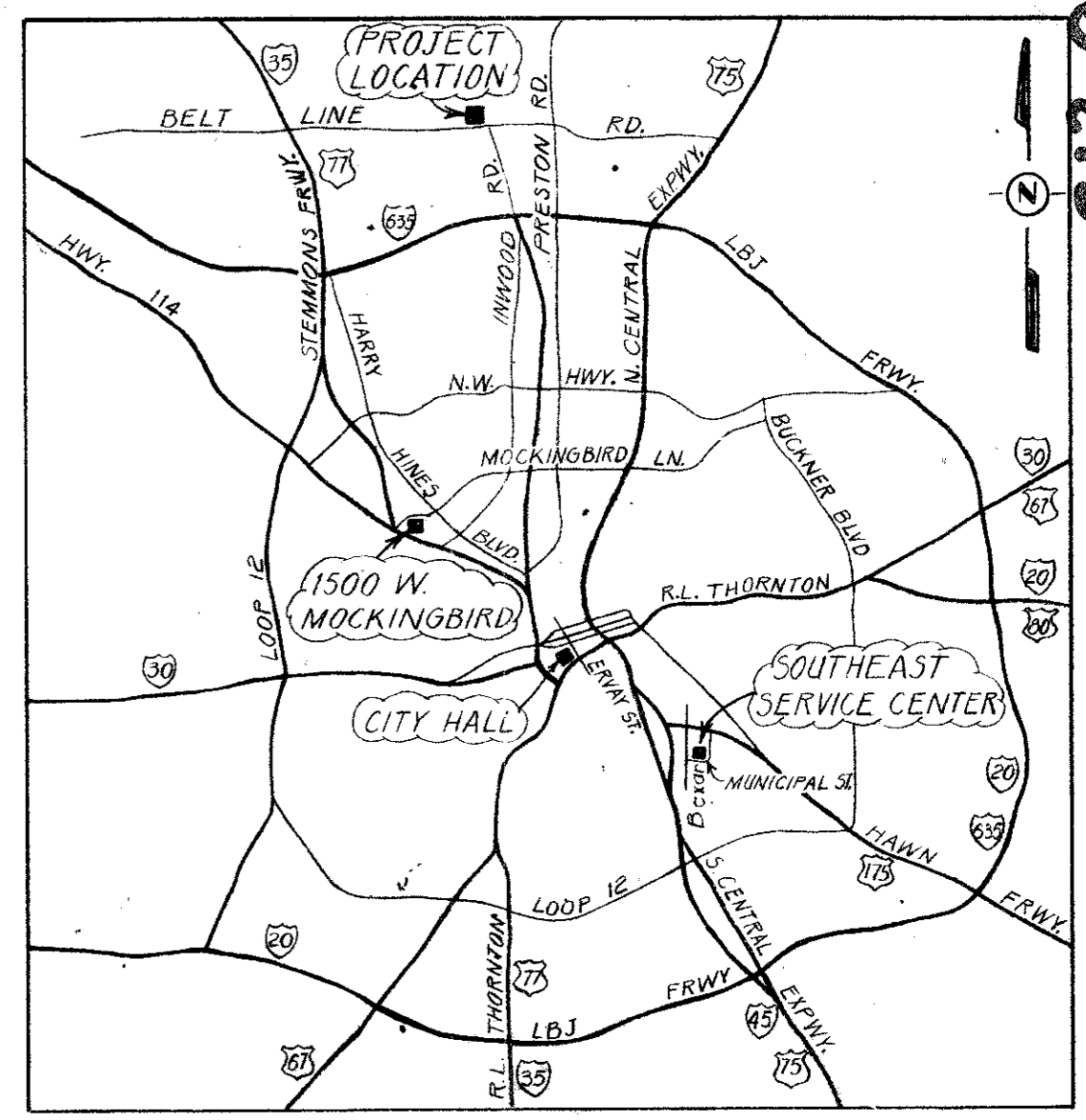


**LEGEND:**  
 □ Existing  
 □ New  
 - Existing Piping  
 - - New Piping  
 --- New Conduit



LOCATION MAP  
 1" = 4.5 Miles

SHEET NO.

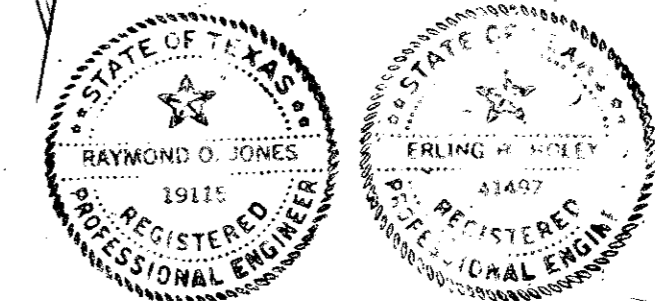
INDEX  
 TITLE

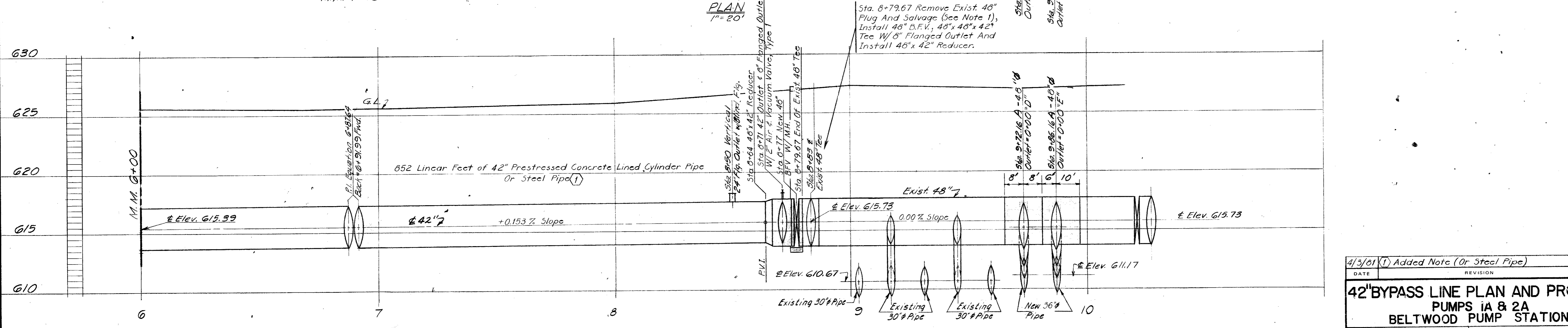
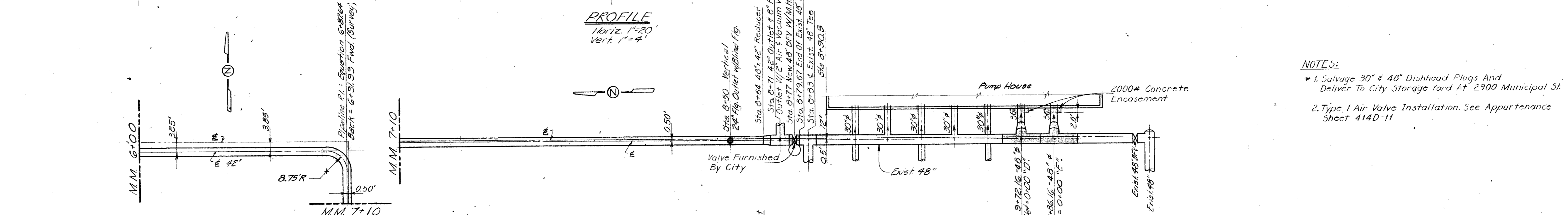
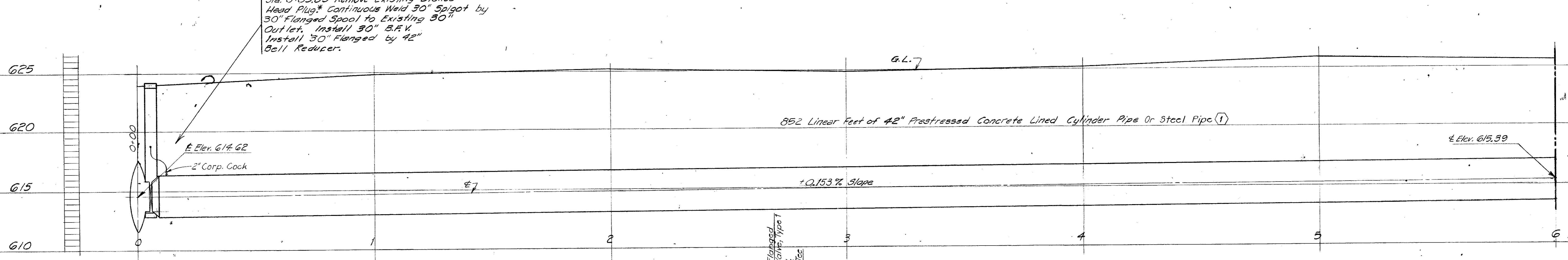
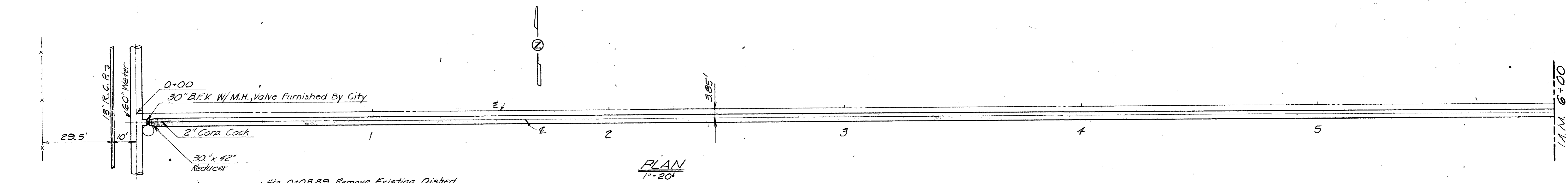
1. SITE PLAN, LOCATION MAP AND INDEX
  2. 42" BYPASS LINE PLAN AND PROFILE
  3. YARD PIPING PLAN AND DETAILS
  4. YARD PIPING PROFILE
  5. ARCHITECTURAL ROOF PLAN, FLOOR PLAN, AND DETAILS
  6. RESERVOIR OUTLET DETAILS
  7. AIR INTAKE STRUCTURAL DETAILS
  8. METER VAULT PLANS, SECTIONS AND DETAILS
  9. METER VAULT MECHANICAL AND ELECTRICAL DETAILS
  10. PUMP ROOM ROOF PLAN AND AIR INTAKE DETAILS
  11. ROOF HATCH NO. 1, 2, 4 AND 6 DETAILS
  12. ROOF HATCH 3 AND 5, SKYLIGHT AND ROOF SCUTTLE
  13. PUMP ROOM MECHANICAL FLOOR PLAN AND WEST WALL ELEVATION
  14. PUMP INSTALLATION DETAILS
  15. ELECTRICAL FLOOR PLAN AND ELEVATIONS
  16. ELECTRICAL SECTIONS AND DETAILS
  17. MOTOR CONTROL DIAGRAM
  18. ELECTRICAL DIAGRAMS AND SCHEDULES
  19. 2400V ONE LINE DIAGRAM
  20. INSTRUMENTATION PLANS, ELEVATIONS AND DIAGRAMS
- APPURTENANCE SHEETS
- 414D-11 WATER INSTALLATION DETAILS
- 414D-15 THRUST BLOCKING FOR PIPE BEND & TEES & PLUGS.

Texas Coordinates  
 N. 471,500  
 E. 2,205,800

PLOT PLAN  
 1" = 50'

DATE	REVISION	BY
<b>SITE PLAN, LOCATION MAP AND INDEX</b>		
<b>PUMPS 1A &amp; 2A</b>		
<b>BELTWOOD PUMP STATION</b>		
<b>DALLAS WATER UTILITIES</b>		
<b>CITY OF DALLAS, TEXAS</b>		
DESIGN	R.O.T., E.H.H.	CONTRACT NO.
DRAWN	W.F.M., L.S.I.	<b>81-7</b>
TRACED		FILE NO.
CHECKED		<b>640Q-700B</b>
DATE	3-13-81	SHEET NO.
		<b>1</b>
		<b>20</b>



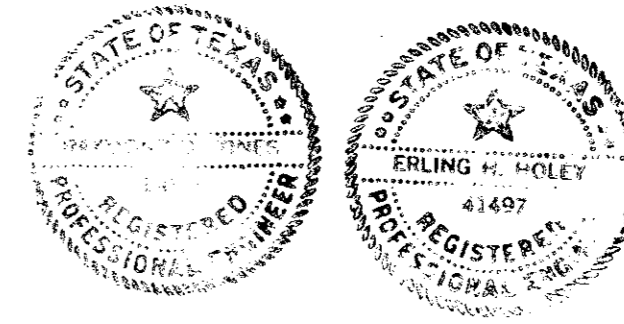


**NOTES:**  
 \* 1. Salvage 30" & 48" Dishhead Plugs And Deliver To City Storage Yard At 2900 Municipal St.  
 2. Type 1 Air Valve Installation. See Appurtenance Sheet 4140-11

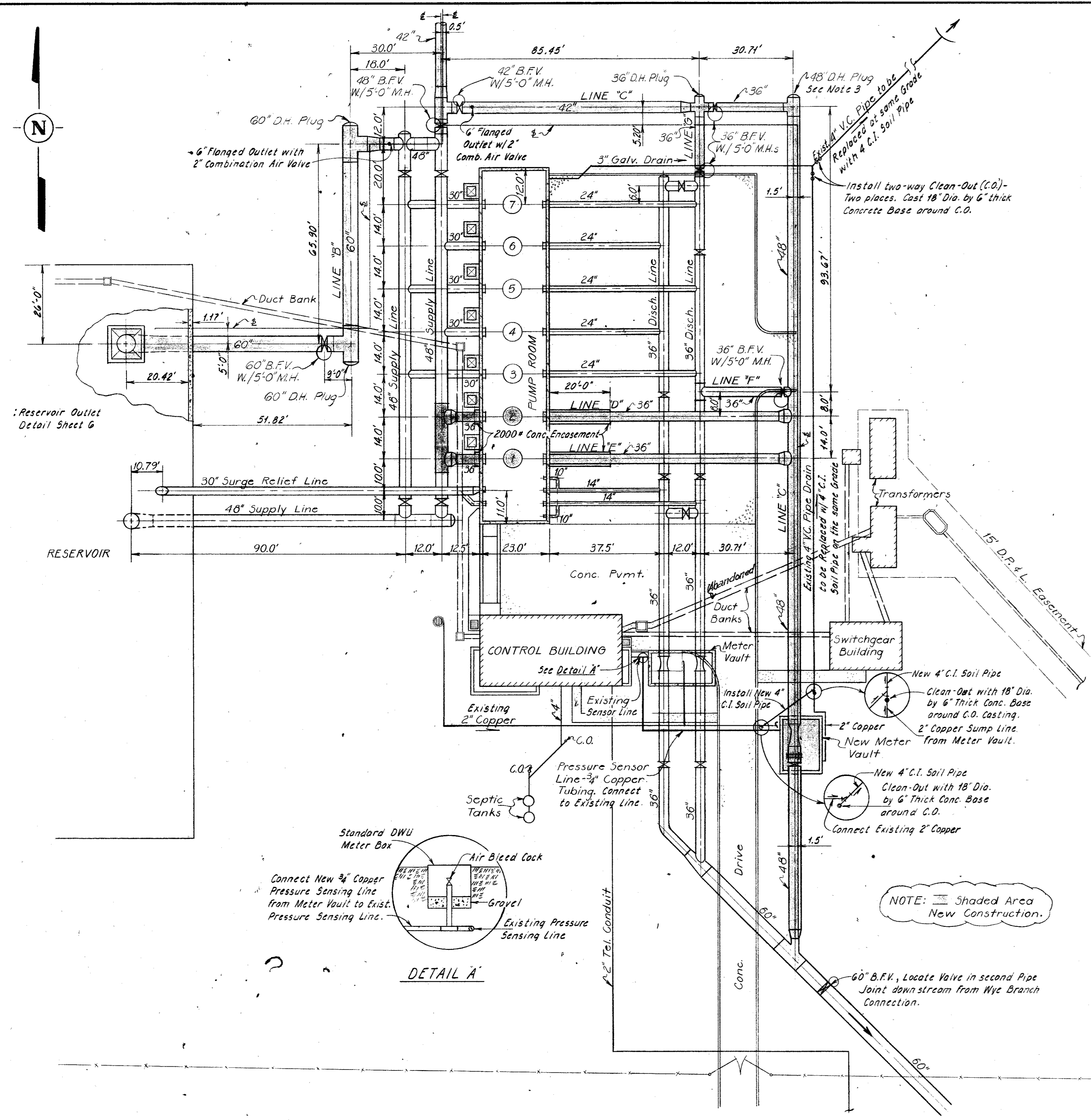
B.M. - cut on S.E. corner of Pump Pits Structure behind Pump House @ Beltwood Pump Station Elev. 630.02.

**PROFILE**  
 Horiz. 1"=20'  
 Vert. 1"=4'

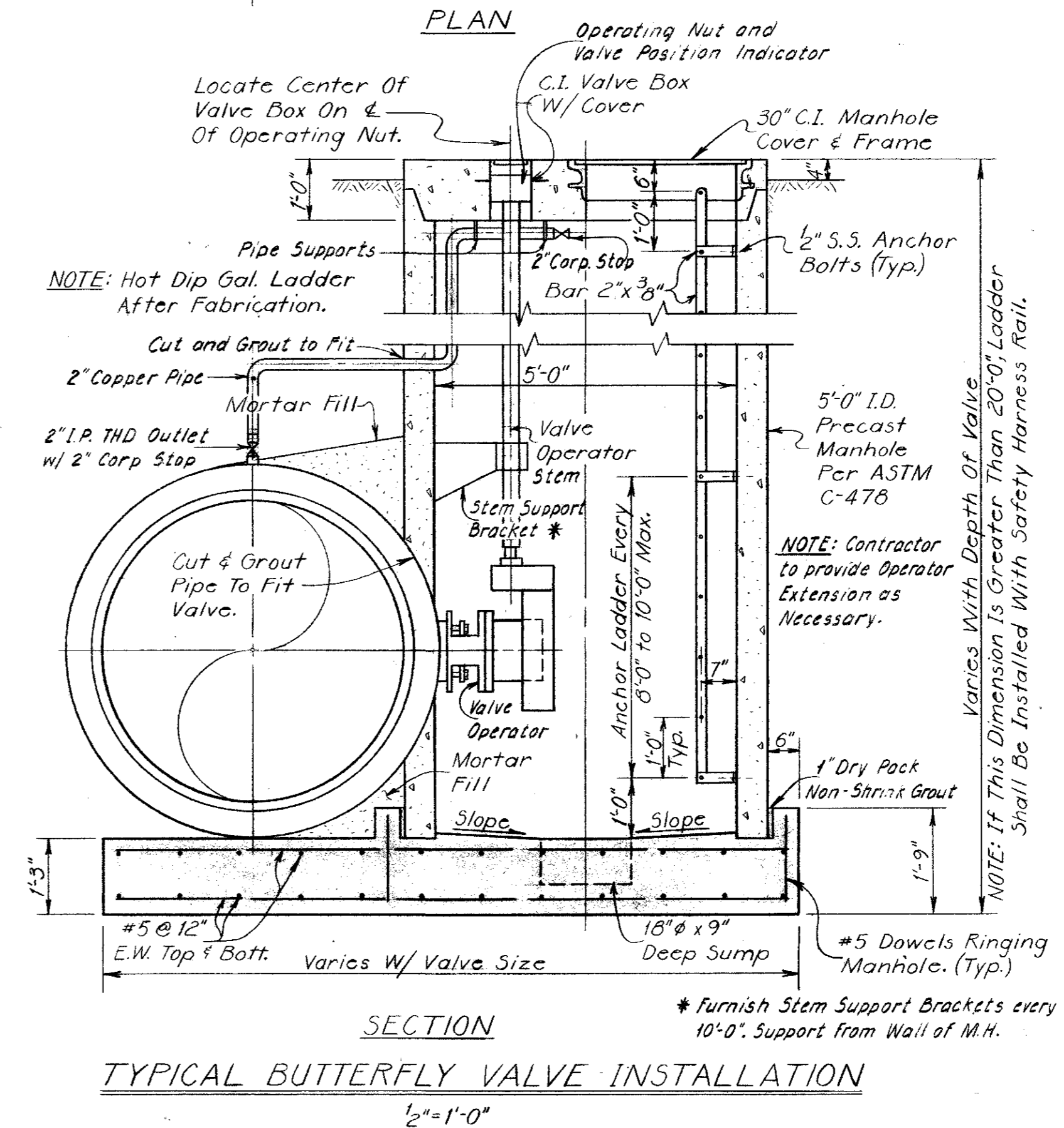
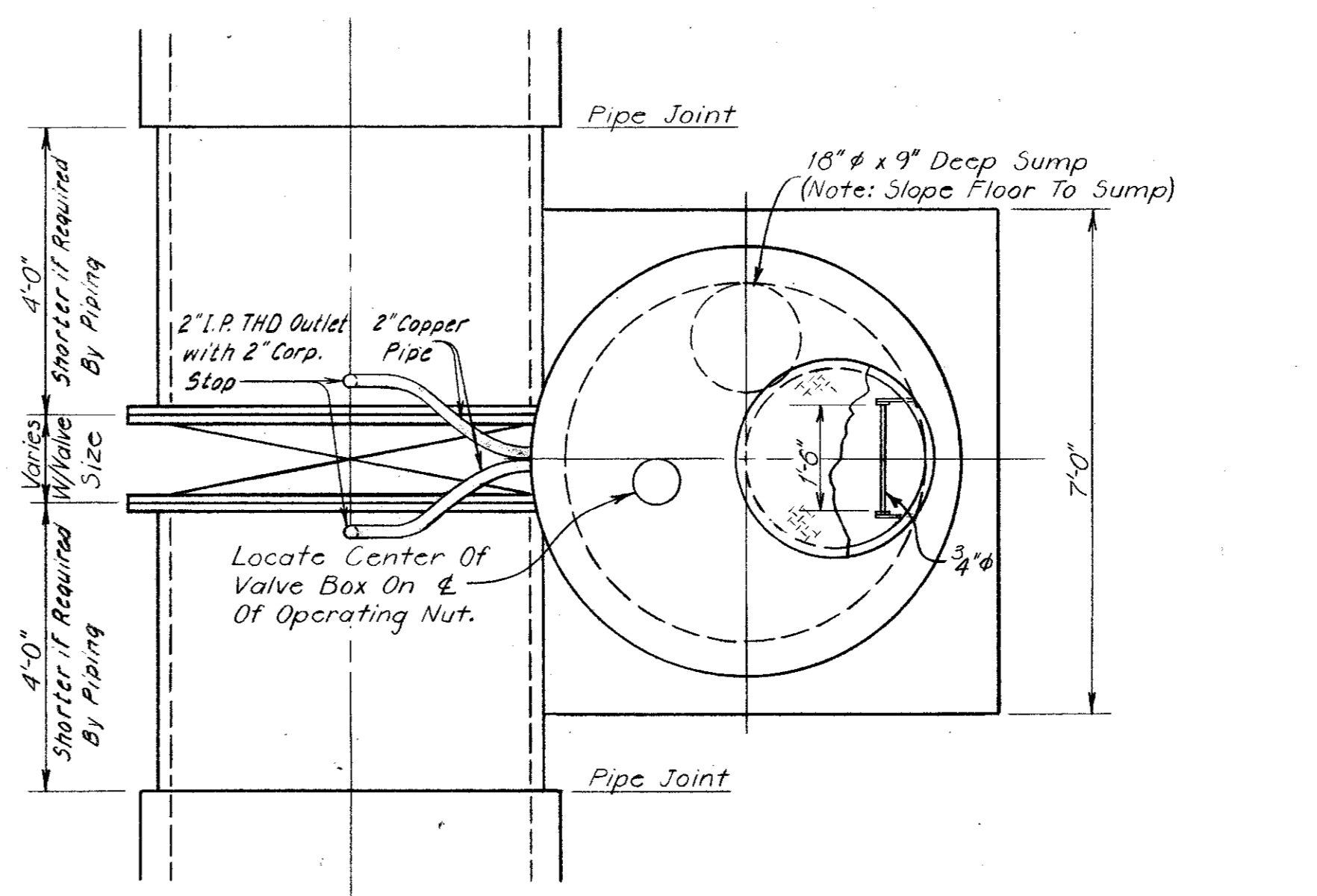
4/3/81 (1) Added Note (Or Steel Pipe)	W.E.M.
DATE	REVISION
<b>42" BYPASS LINE PLAN AND PROFILE</b>	
<b>PUMPS 1A &amp; 2A</b>	
<b>BELTWOOD PUMP STATION</b>	
<b>DALLAS WATER UTILITIES</b>	
<b>CITY OF DALLAS, TEXAS</b>	
DESIGN <u>R.O.J., E.H.H.</u>	CONTRACT NO. <u>81-7</u>
DRAWN <u>B.K., L.M., W.E.M.</u>	FILE NO. <u>640Q-700B</u>
TRACED _____	SHEET NO. <u>2</u>
CHECKED _____	DATE <u>DEC 80</u>







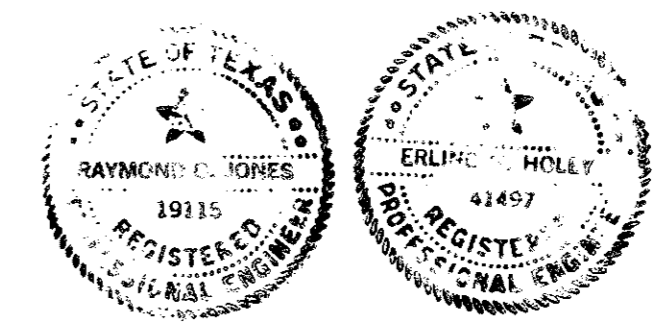
YARD PIPING PLAN  
1"=20'



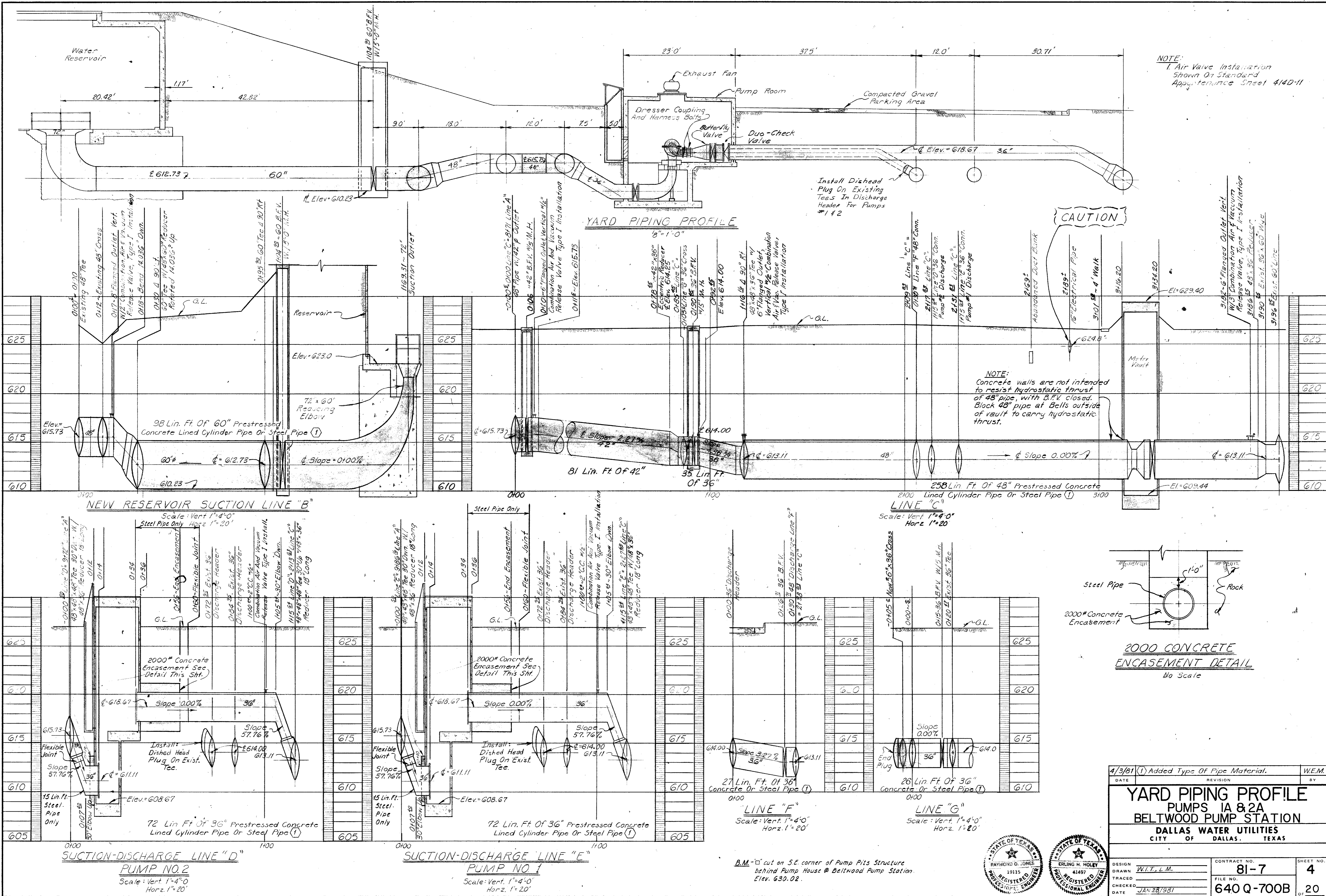
SECTION  
TYPICAL BUTTERFLY VALVE INSTALLATION  
1/2"=1'-0"

- NOTE:**
1. Contractor to Verify location of all Yard Piping.
  2. Block all Fittings per Standard Appurtenance 414D-15.
  3. Use 48" Dish Head Plug Salvaged from Station 0+79 on 42" Bypass Line (Line A').

DATE	REVISION	BY
<b>YARD PIPING PLAN AND DETAILS</b>		
PUMPS 1A & 2A BELTWOOD PUMP STATION		
DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS		
DESIGN DRAWN CHECKED DATE	ROJ, EHH WEM, WCK, WIT, RME Jan. 1981	CONTRACT NO. 81-7 FILE NO. 640Q-700B
		SHEET NO. 3 OF 20

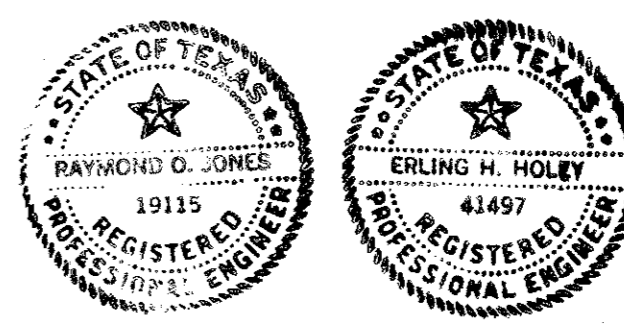






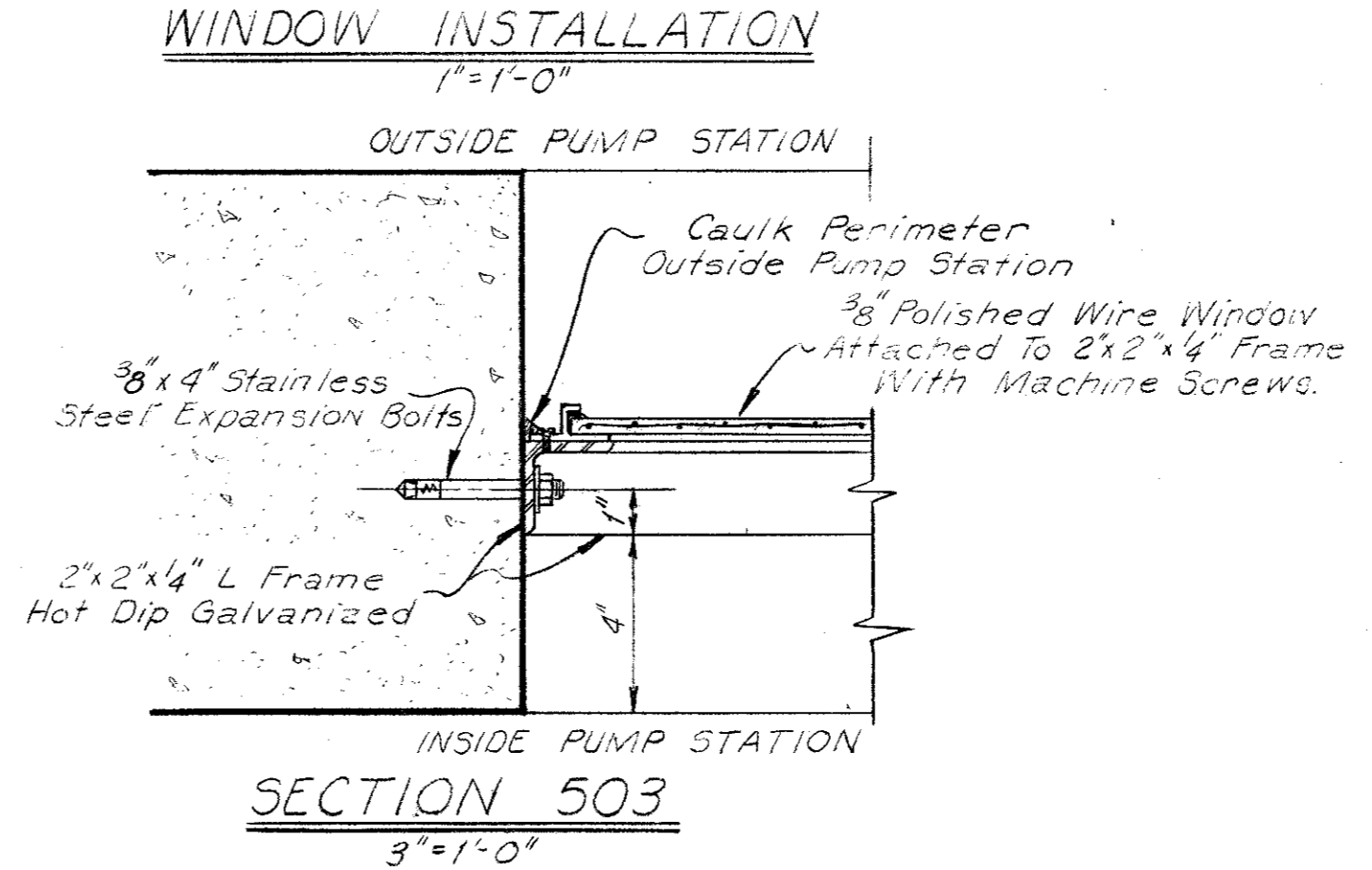
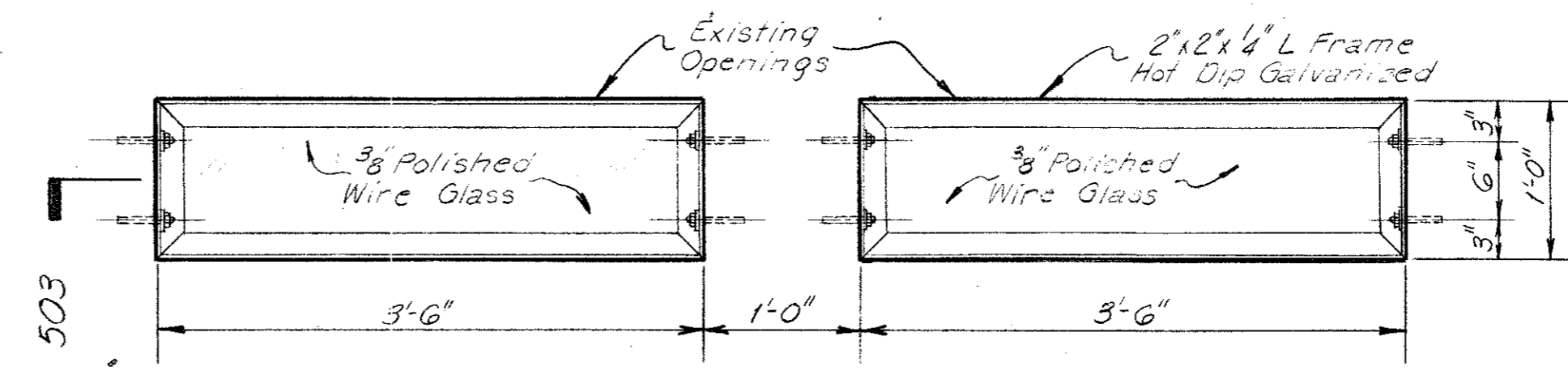
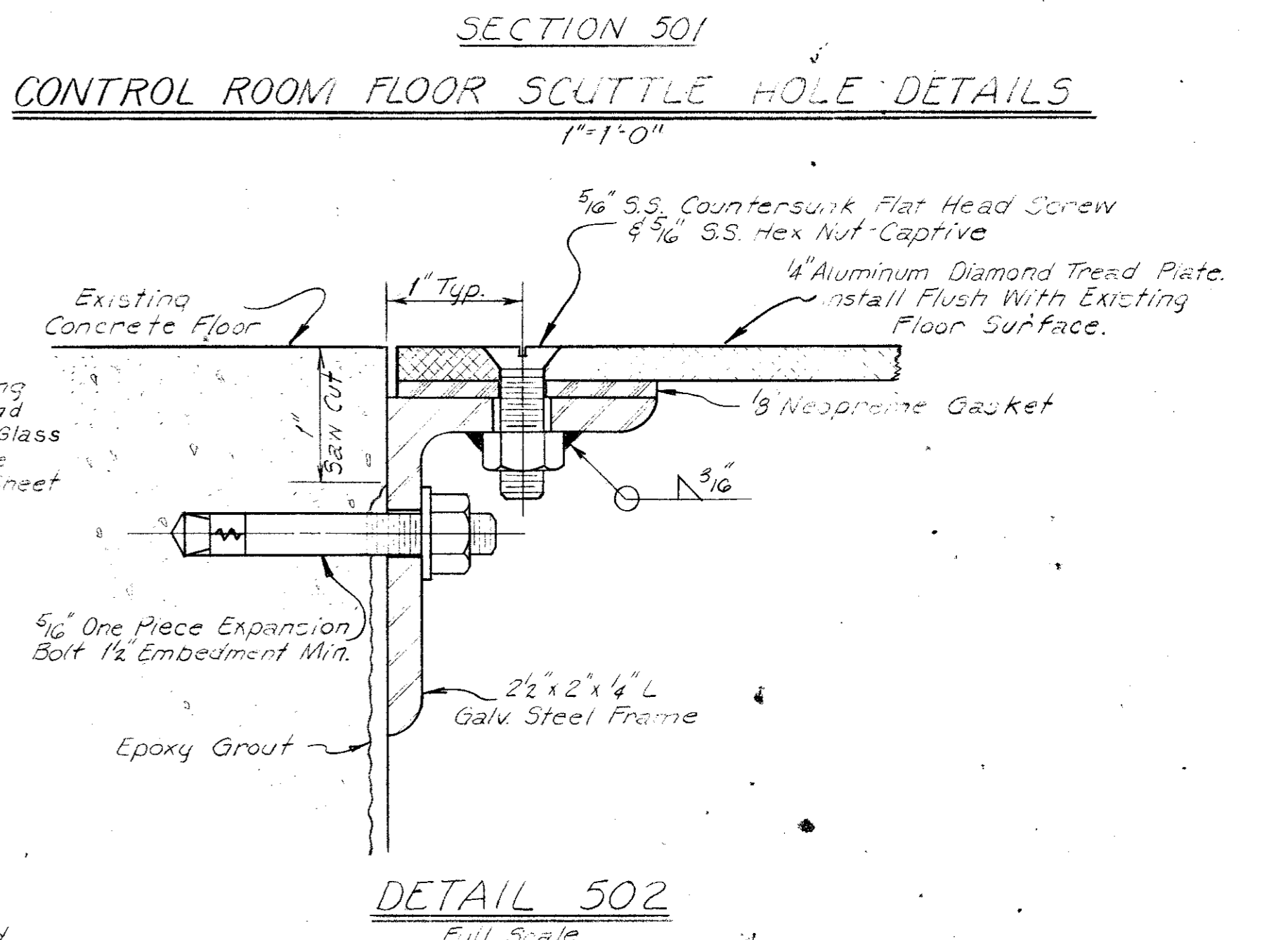
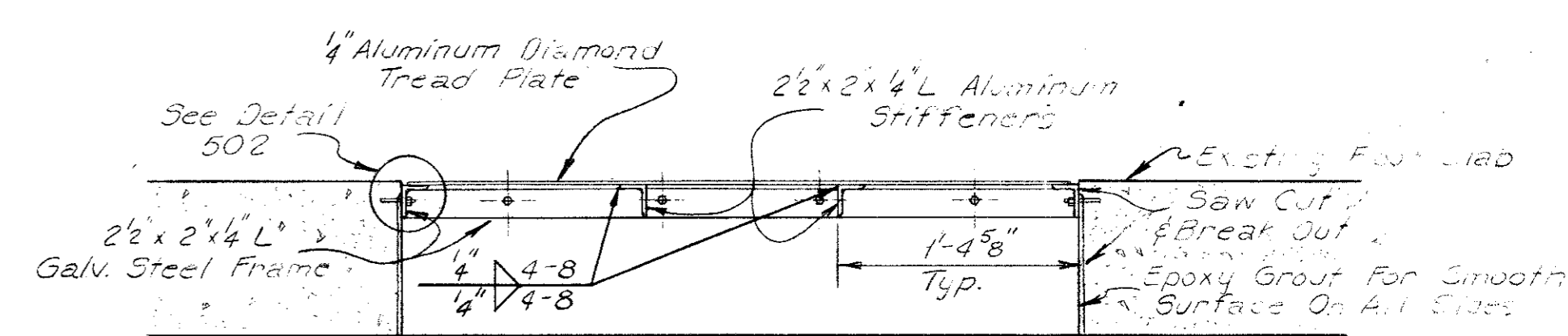
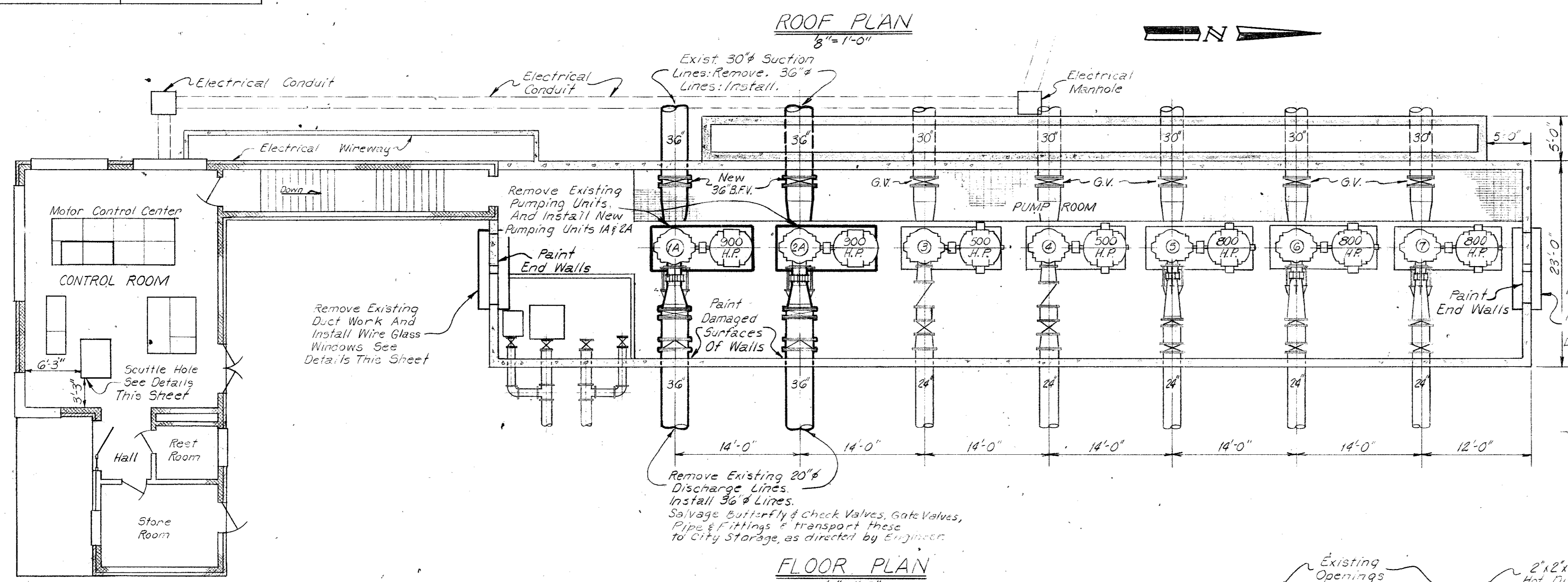
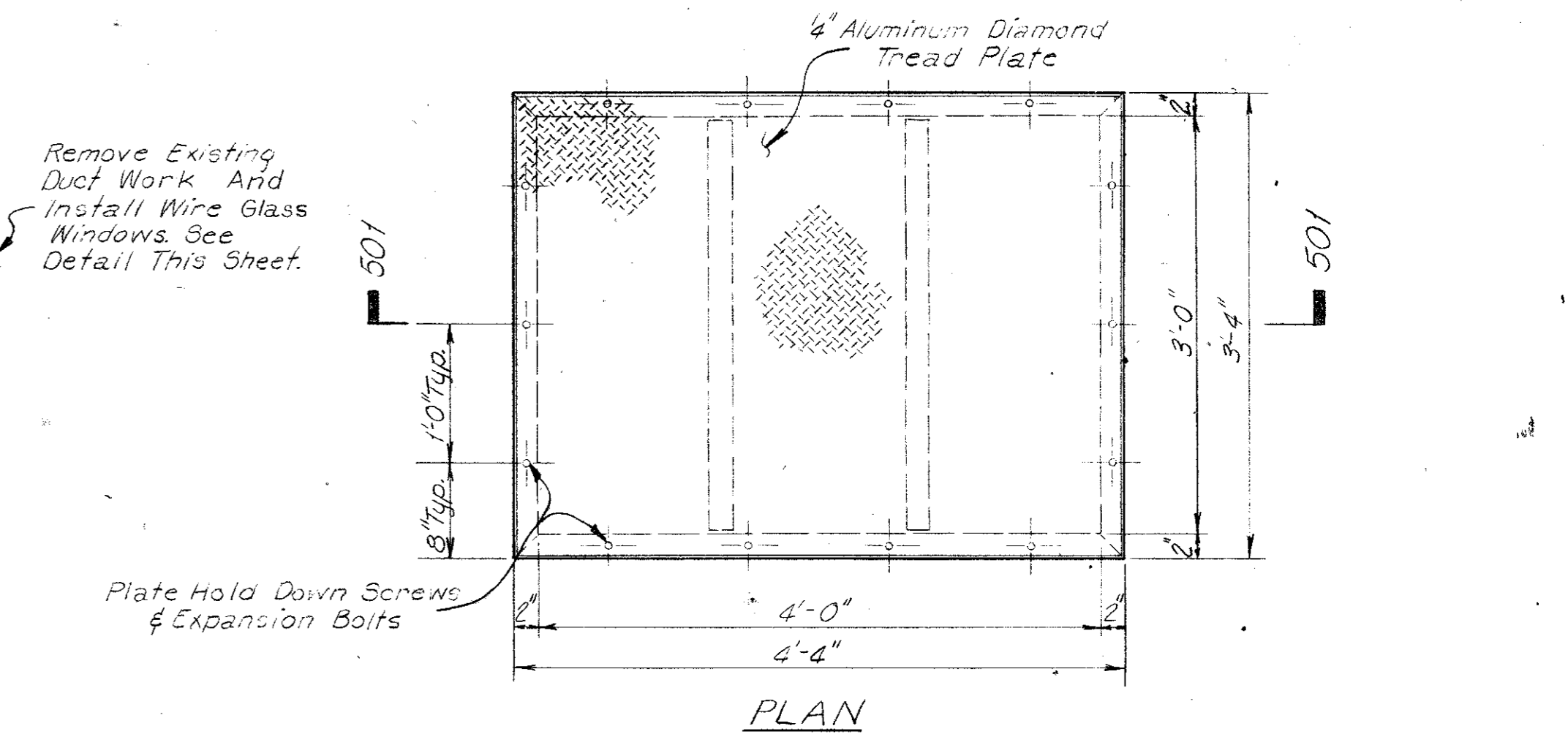
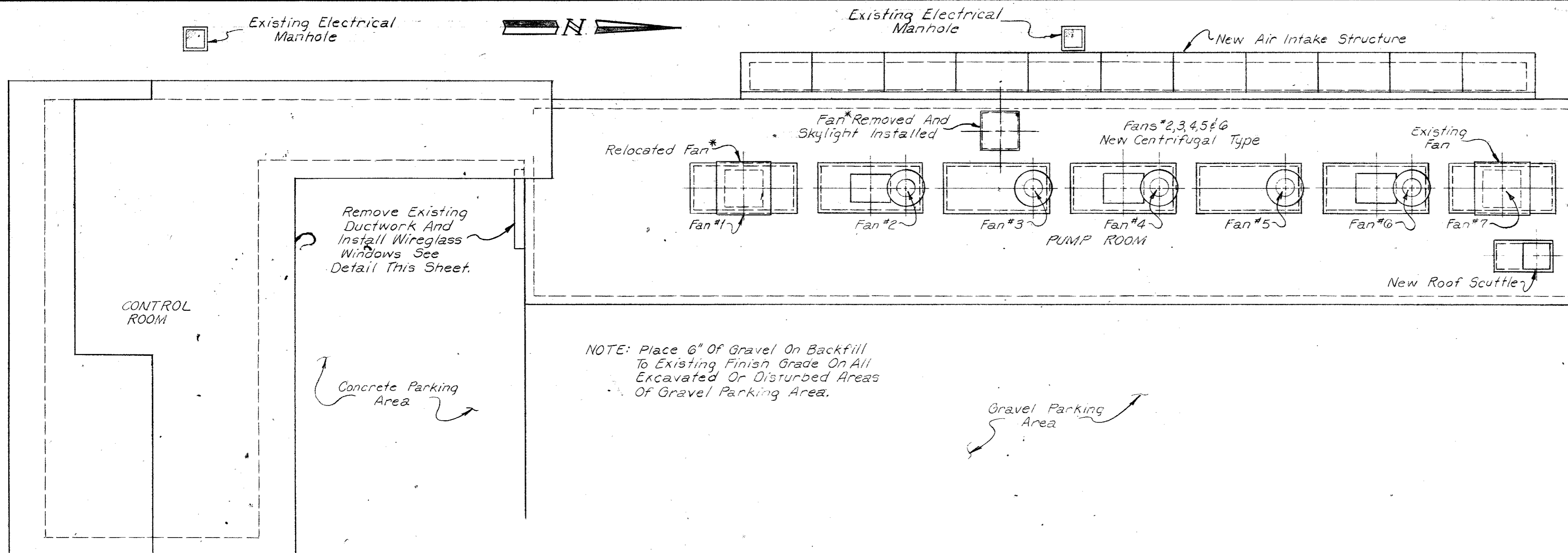
**2000 CONCRETE ENCASEMENT DETAIL**  
No Scale

DATE	4/3/81 (1) Added Type Of Pipe Material.	W.E.M.
REVISION		BY
<b>YARD PIPING PROFILE</b>		
<b>PUMPS 1A &amp; 2A</b>		
<b>BELTWOOD PUMP STATION</b>		
<b>DALLAS WATER UTILITIES</b>		
<b>CITY OF DALLAS, TEXAS</b>		
DESIGN	CONTRACT NO.	SHEET NO.
DRAWN <i>W.L.T., L.M.</i>	<b>81-7</b>	<b>4</b>
TRACED	FILE NO.	
CHECKED	<b>640 Q-700B</b>	<b>20</b>
DATE	JAN 28/1981	



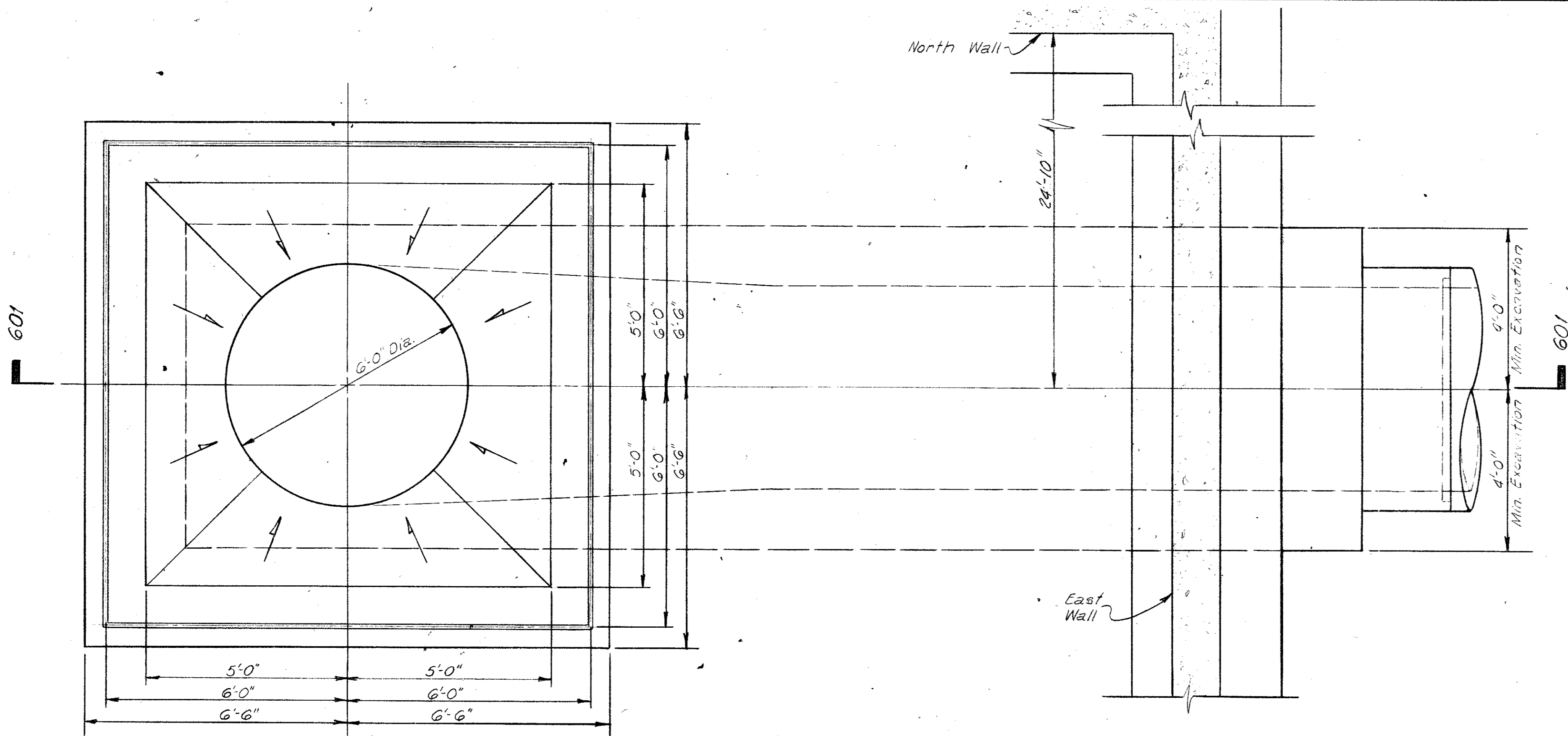
B.M. - cut on S.E. corner of Pump Pits Structure behind Pump House @ Beltwood Pump Station. Elev. 630.02.



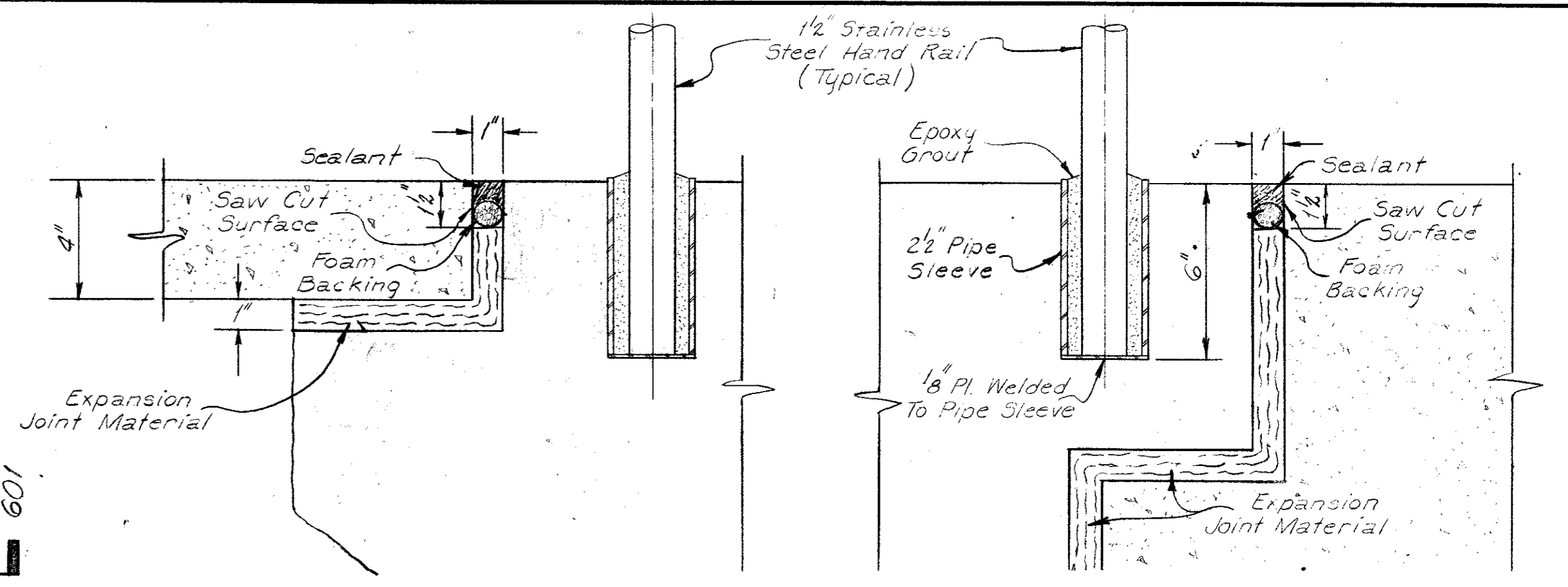


DATE	REVISION	BY
<b>ARCHITECTURAL ROOF PLAN, FLOOR PLAN, AND DETAILS</b>		
<b>PUMPS 1A &amp; 2A</b>		
<b>BELTWOOD PUMP STATION</b>		
<b>DALLAS WATER UTILITIES</b>		
<b>CITY OF DALLAS, TEXAS</b>		
DESIGN	CONTRACT NO.	SHEET NO.
DRAWN	81-7	5
TRACED	FILE NO.	
CHECKED	640Q-700B	20
DATE	DEC 50	



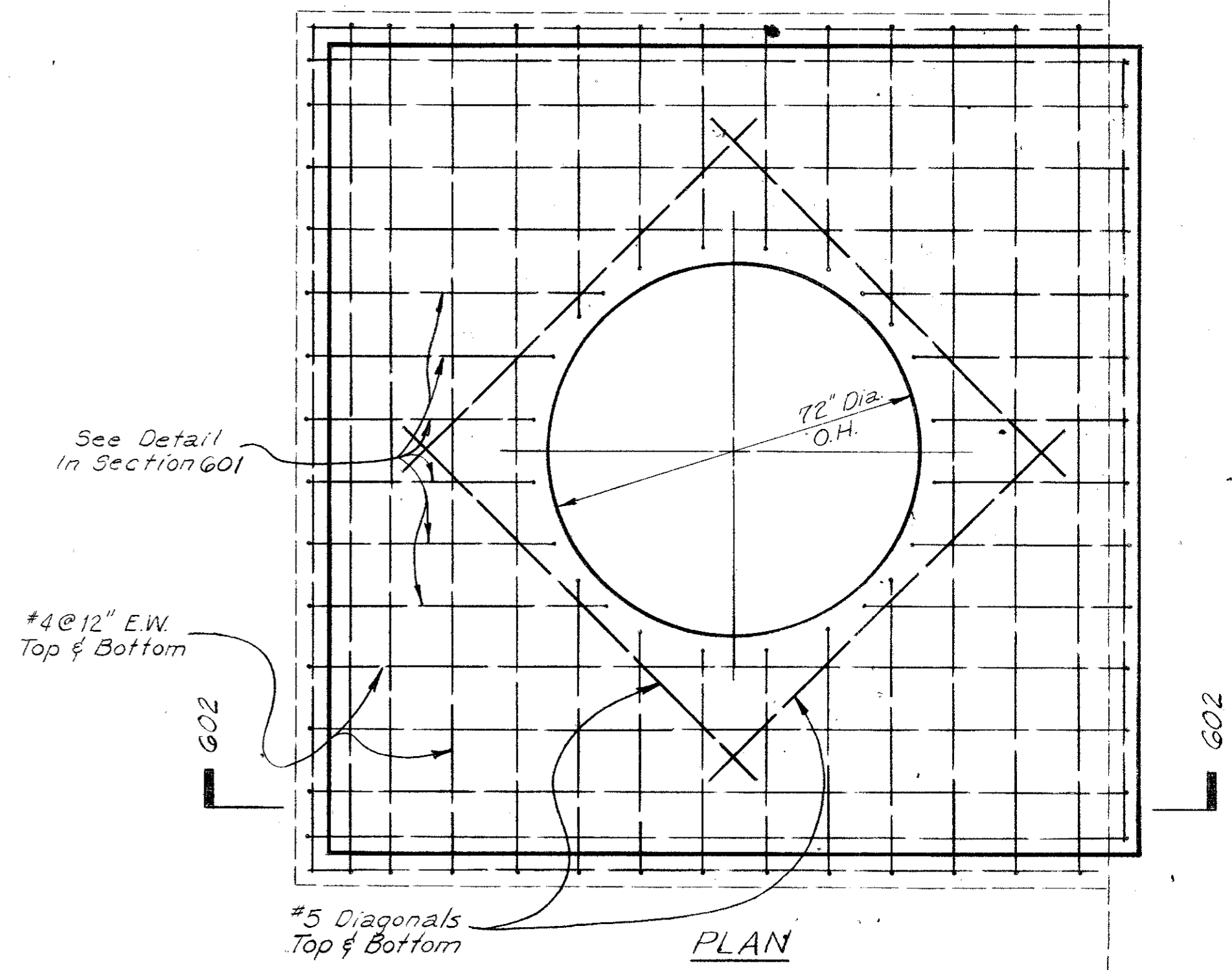


PLAN OF RESERVOIR OUTLET  
1/2"=1'-0"

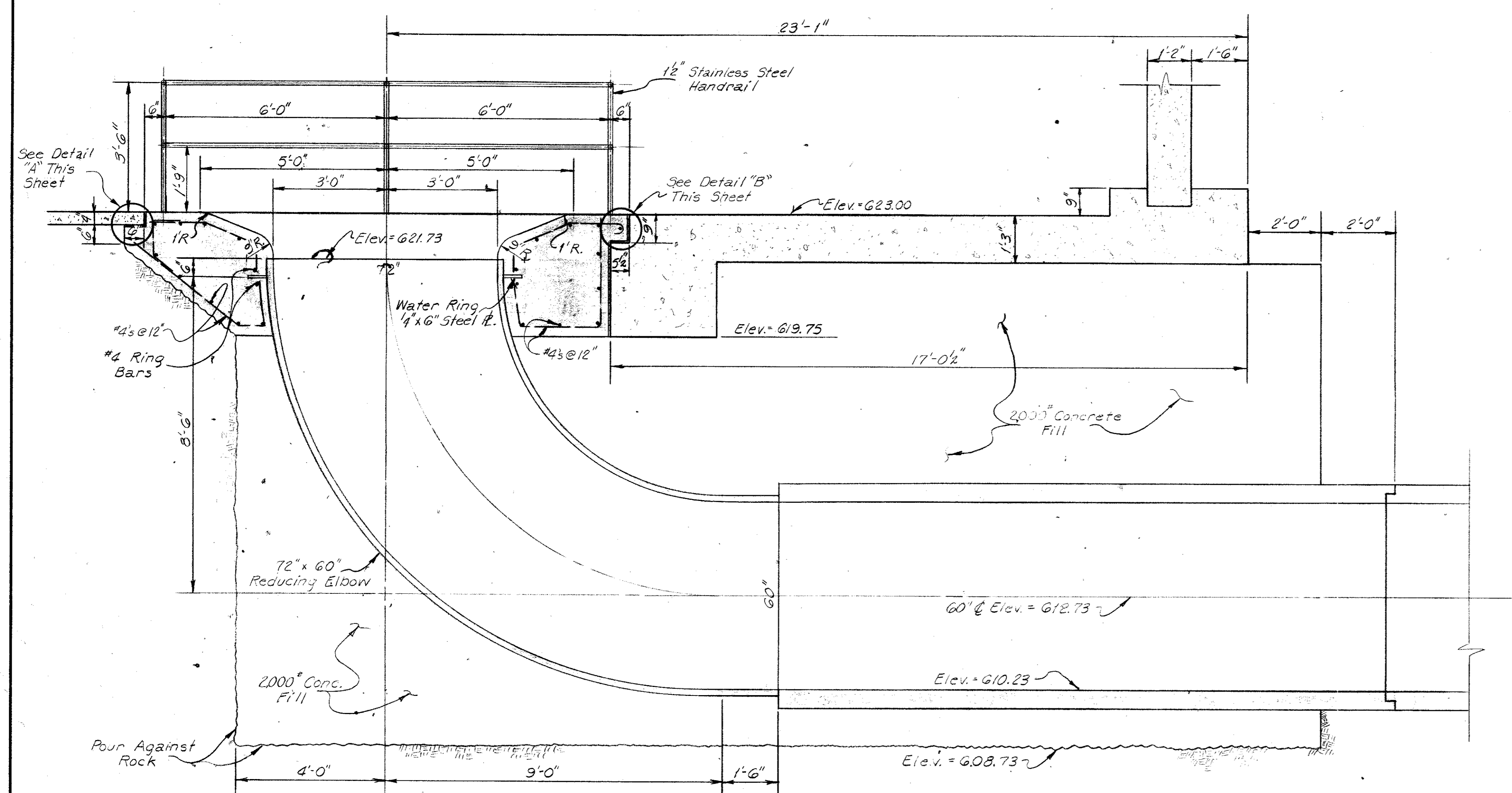


DETAIL "A"  
(FLOOR JOINT SEAL)  
3'-1'-0"

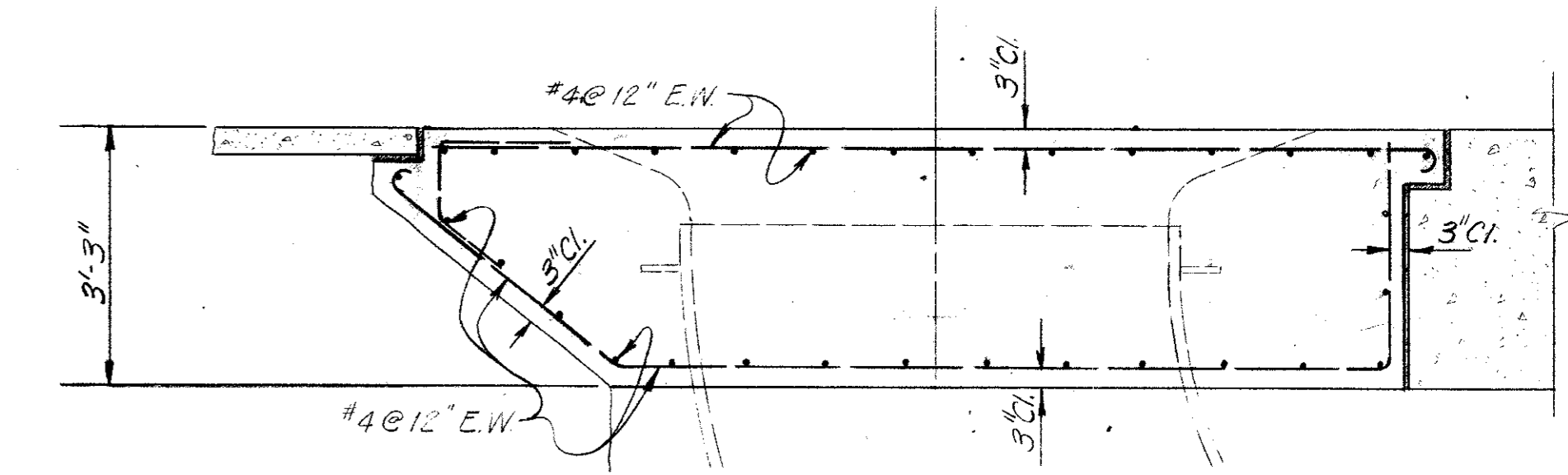
DETAIL "B"  
(FLOOR JOINT SEAL)  
3'-1'-0"



PLAN



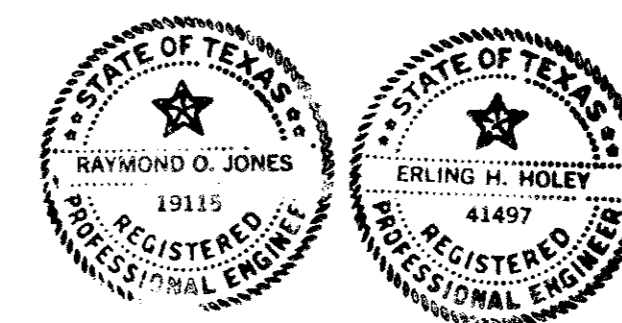
SECTION 601  
1/2"=1'-0"



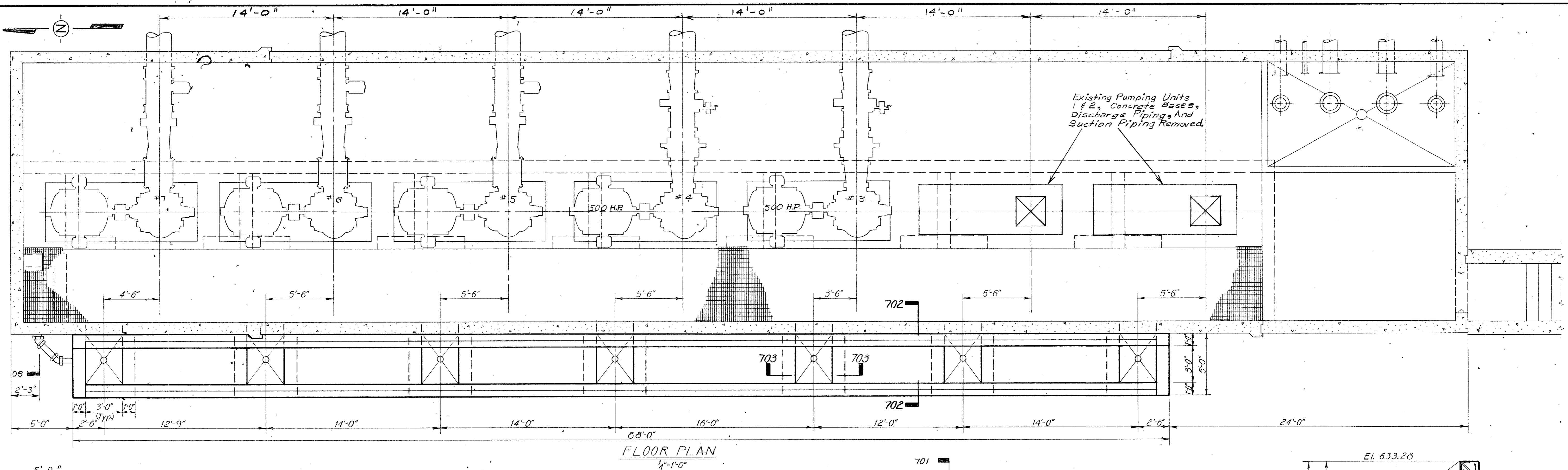
SECTION 602  
RESERVOIR OUTLET REINFORCEMENT  
1/2"=1'-0"  
(ALSO SEE SECTION 601)

DATE	REVISION	BY

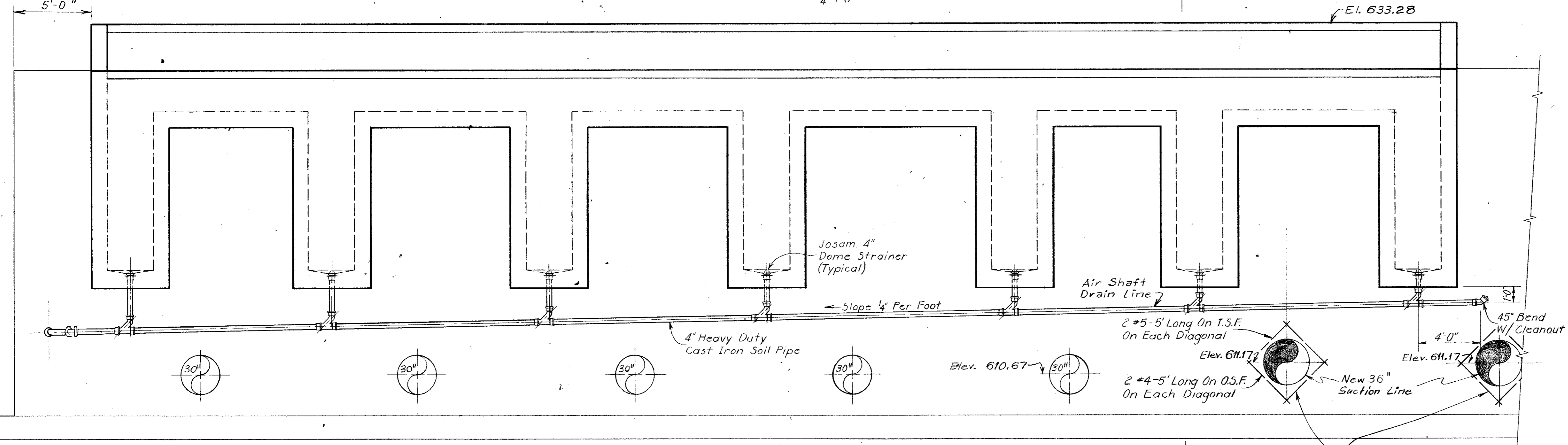
<b>RESERVOIR OUTLET DETAILS</b>		
PUMPS 1A & 2A		
BELTWOOD PUMP STATION		
DALLAS WATER UTILITIES		
CITY OF DALLAS, TEXAS		
DESIGN	CONTRACT NO.	SHEET NO.
DRAWN <i>WIT</i>	81-7	6
TRACED	FILE NO.	
CHECKED	640Q-700B	
DATE <i>Dec. 1980</i>		OF 20



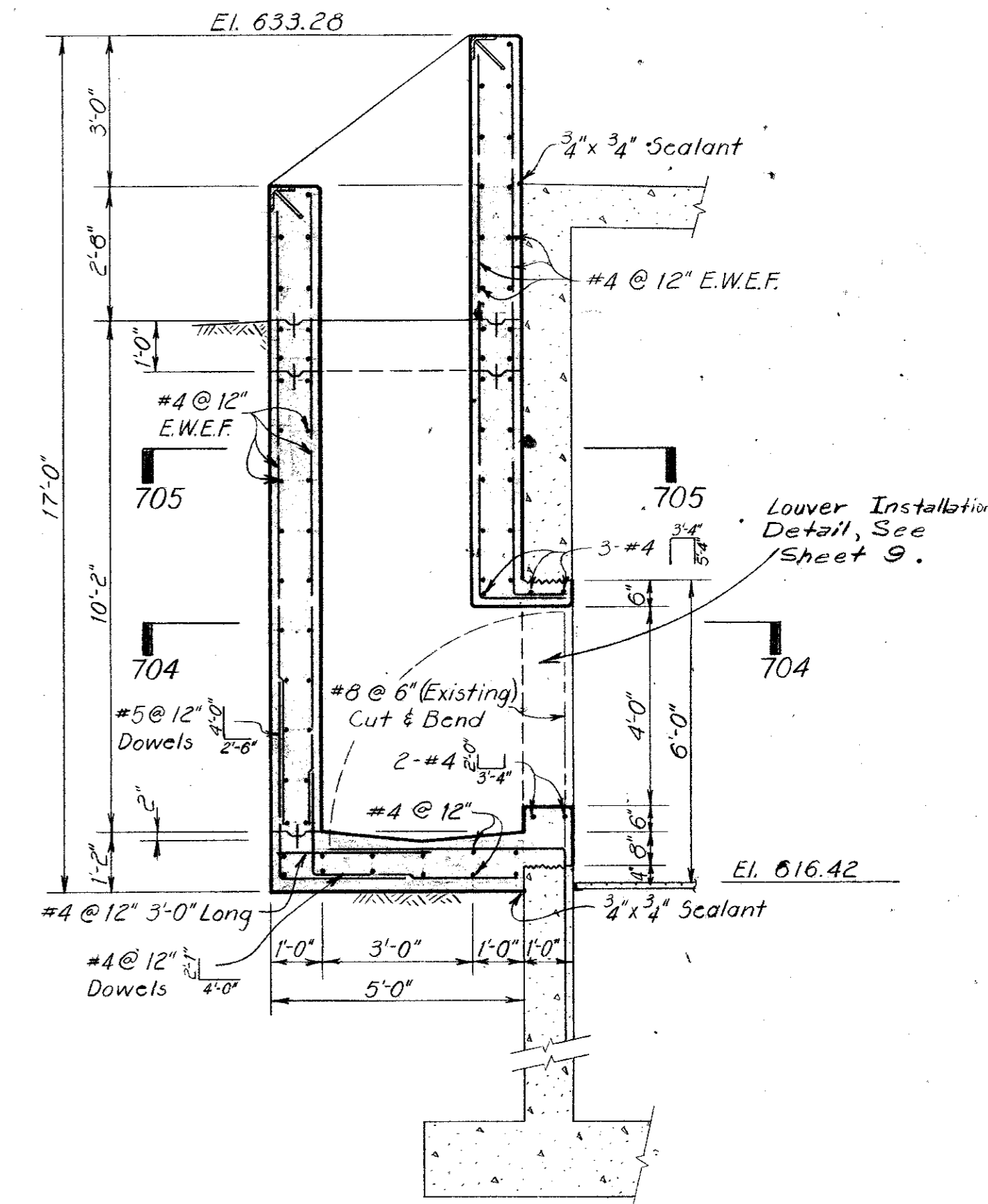




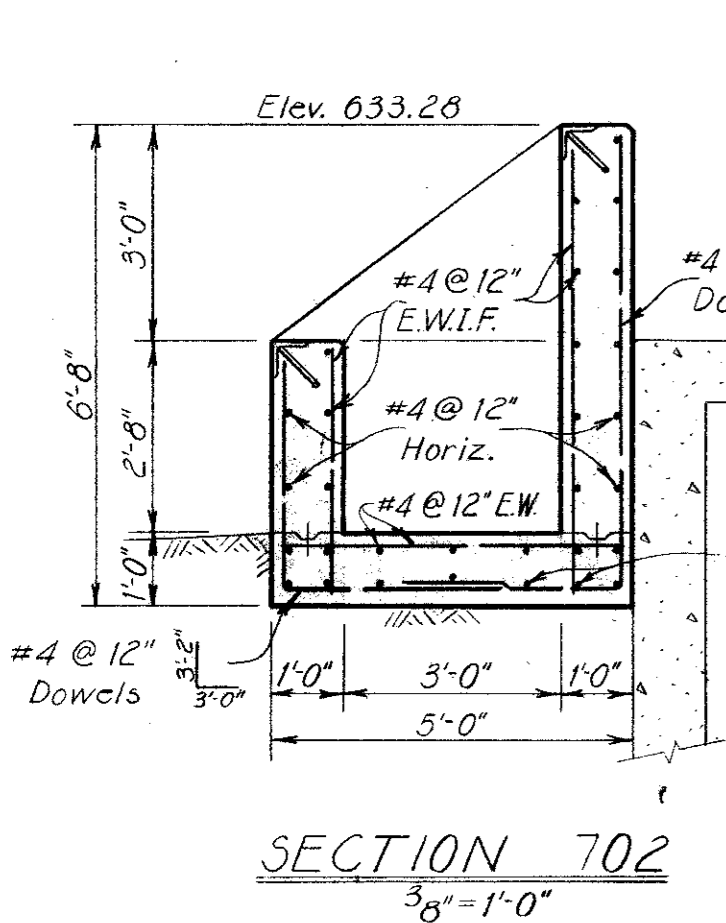
FLOOR PLAN  
1/4"=1'-0"



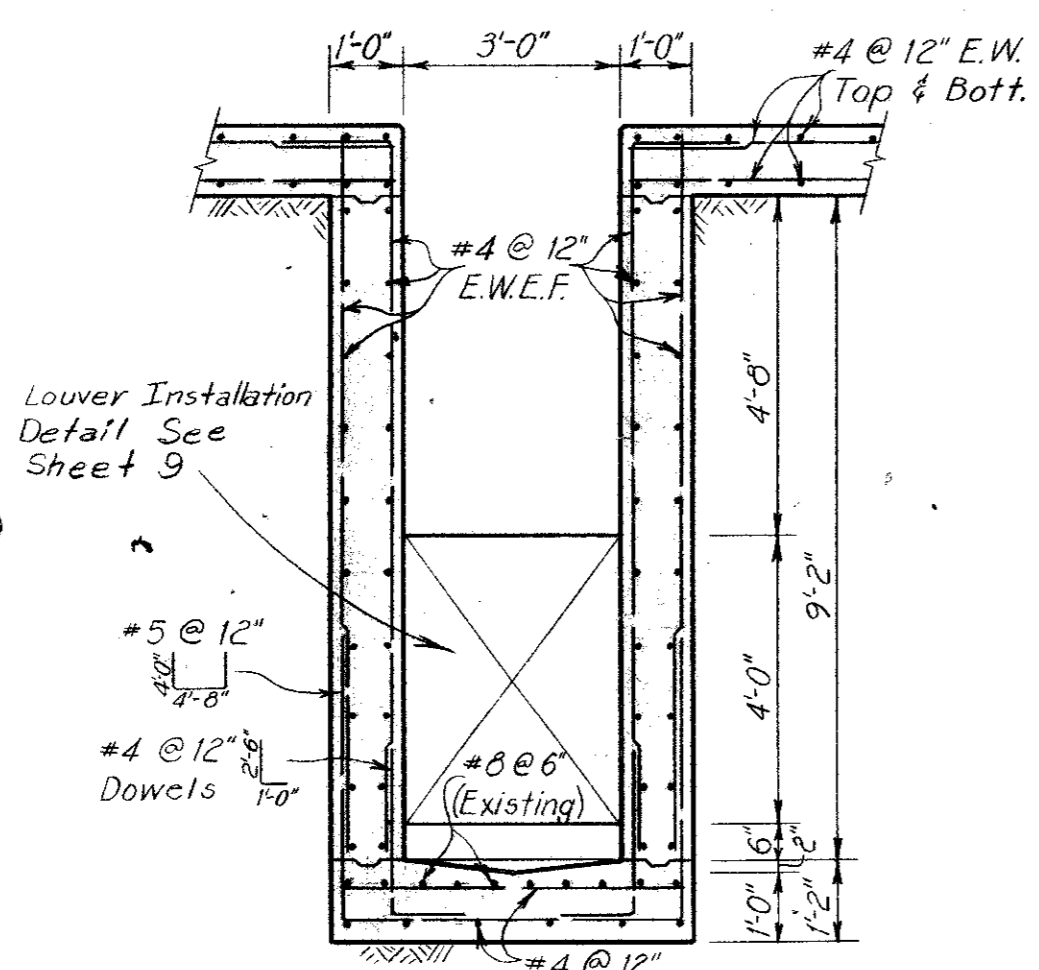
WEST ELEVATION  
1/4"=1'-0"



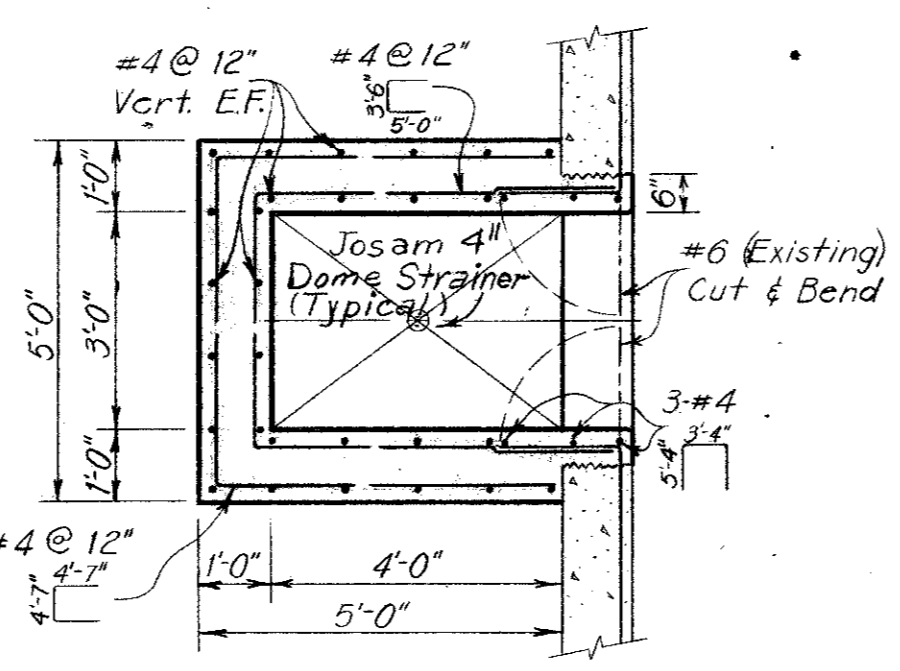
SECTION 701  
3/8"=1'-0"



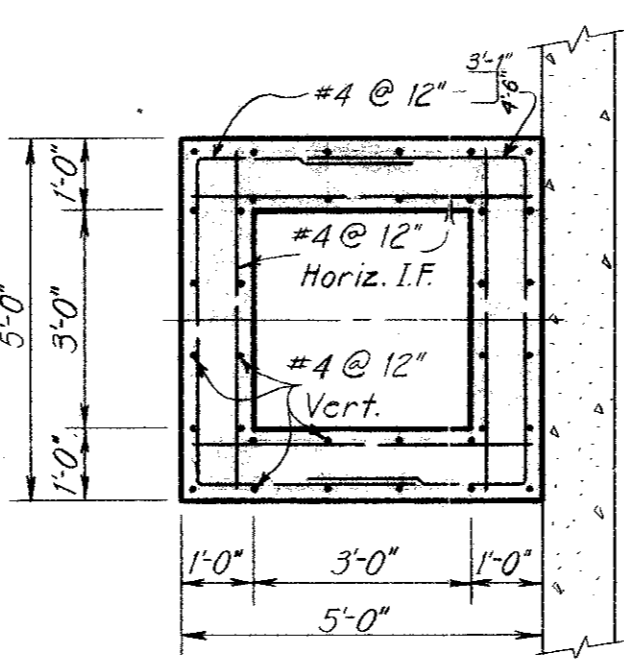
SECTION 702  
3/8"=1'-0"



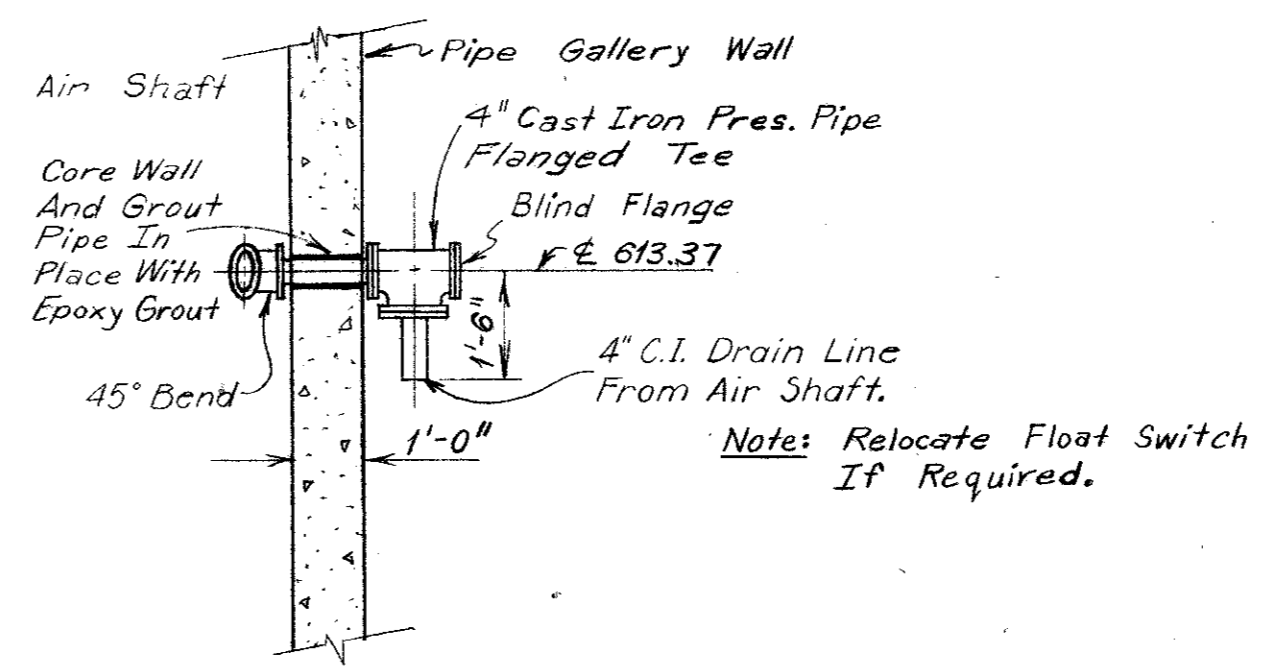
SECTION 703  
3/8"=1'-0"



SECTION 704  
3/8"=1'-0"

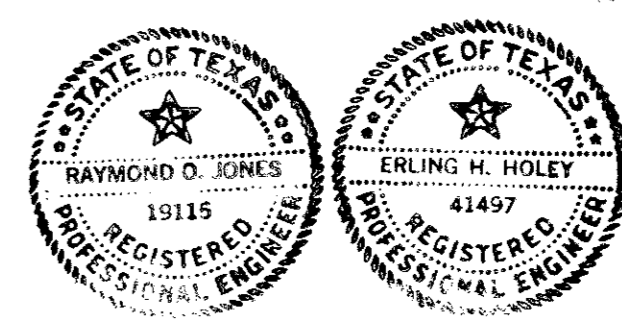


SECTION 705  
3/8"=1'-0"



SECTION 706  
3/8"=1'-0"

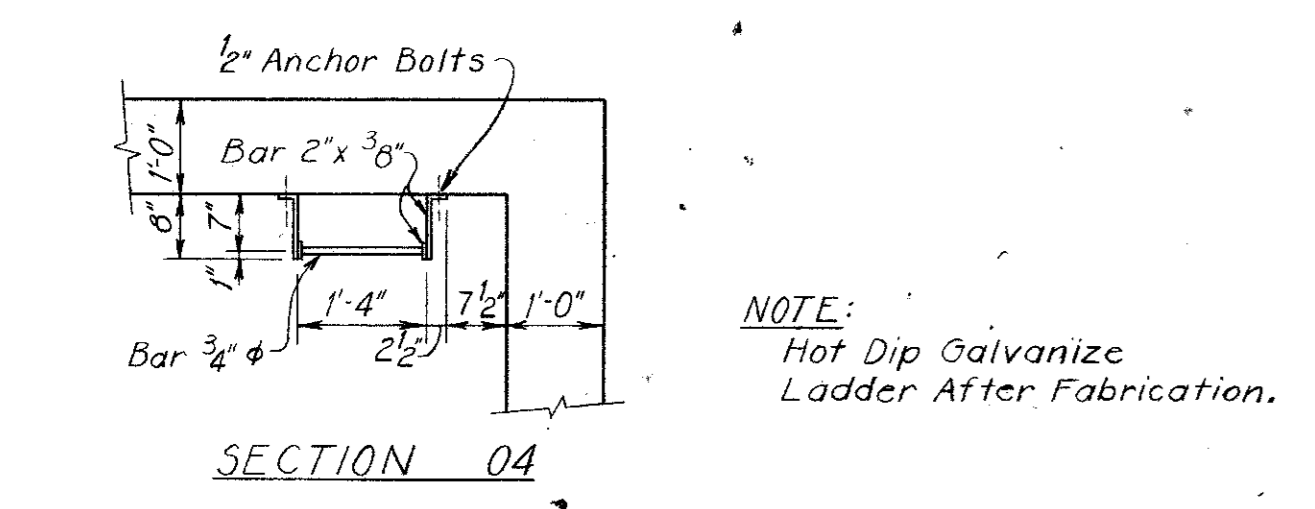
DATE	REVISION	SHEET NO.
<b>AIR INTAKE STRUCTURAL DETAILS</b> <b>PUMPS 1A &amp; 2A</b> <b>BELTWOOD PUMP STATION</b>		7
<b>DALLAS WATER UTILITIES</b> CITY OF DALLAS, TEXAS		20
DESIGN	CONTRACT NO.	FILE NO.
DRAWN	81-7	640 Q-700B
TRACED		
CHECKED		
DATE	DEC. 80	



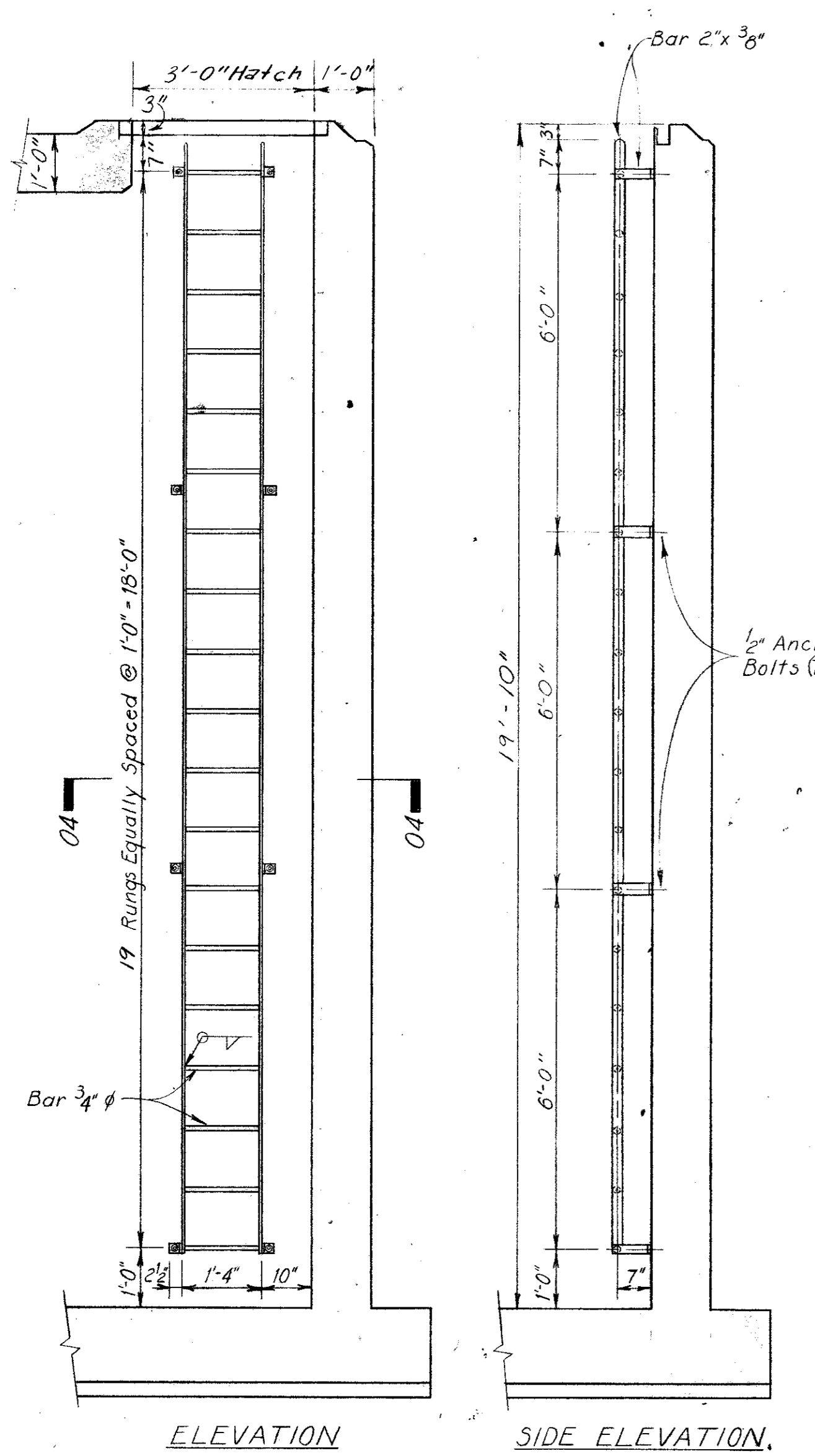




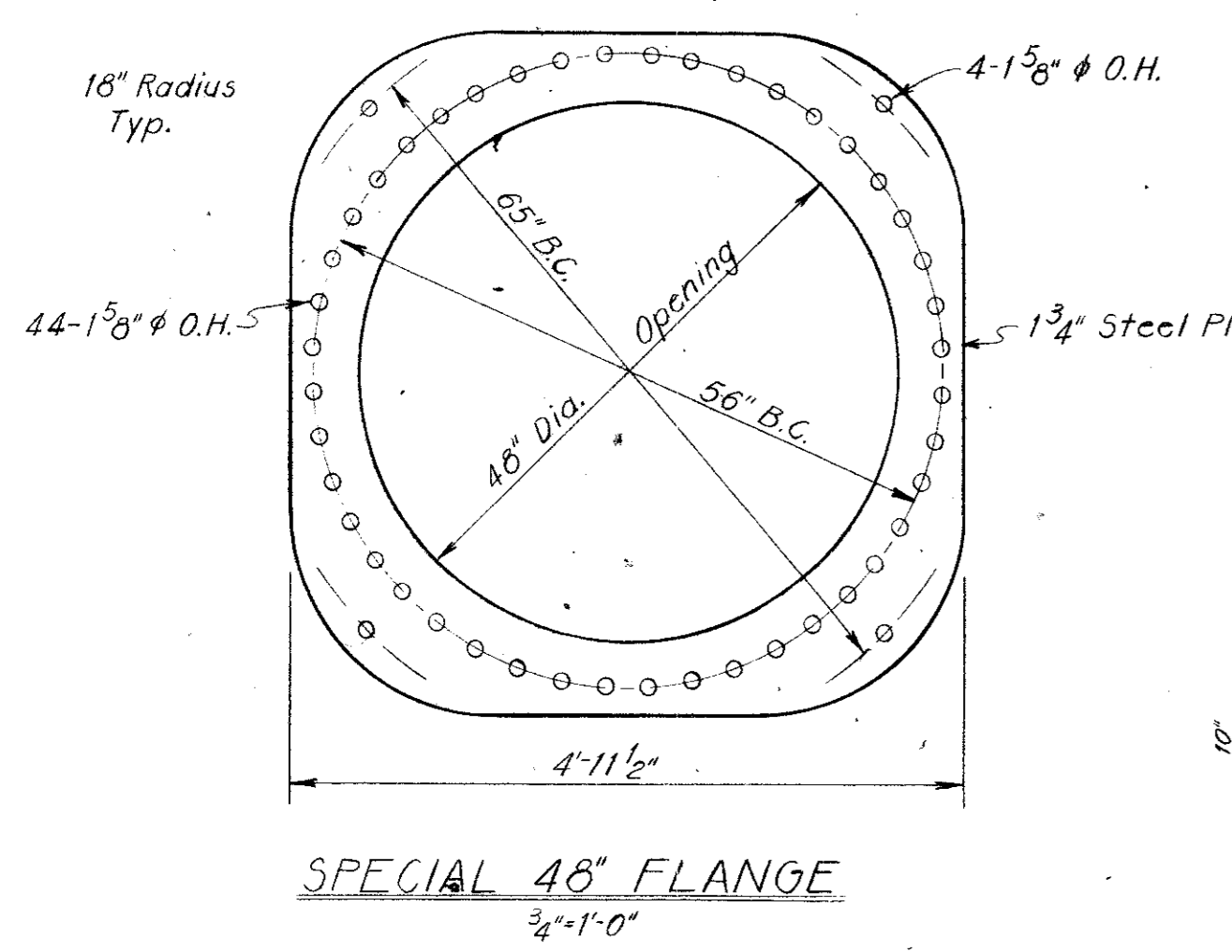




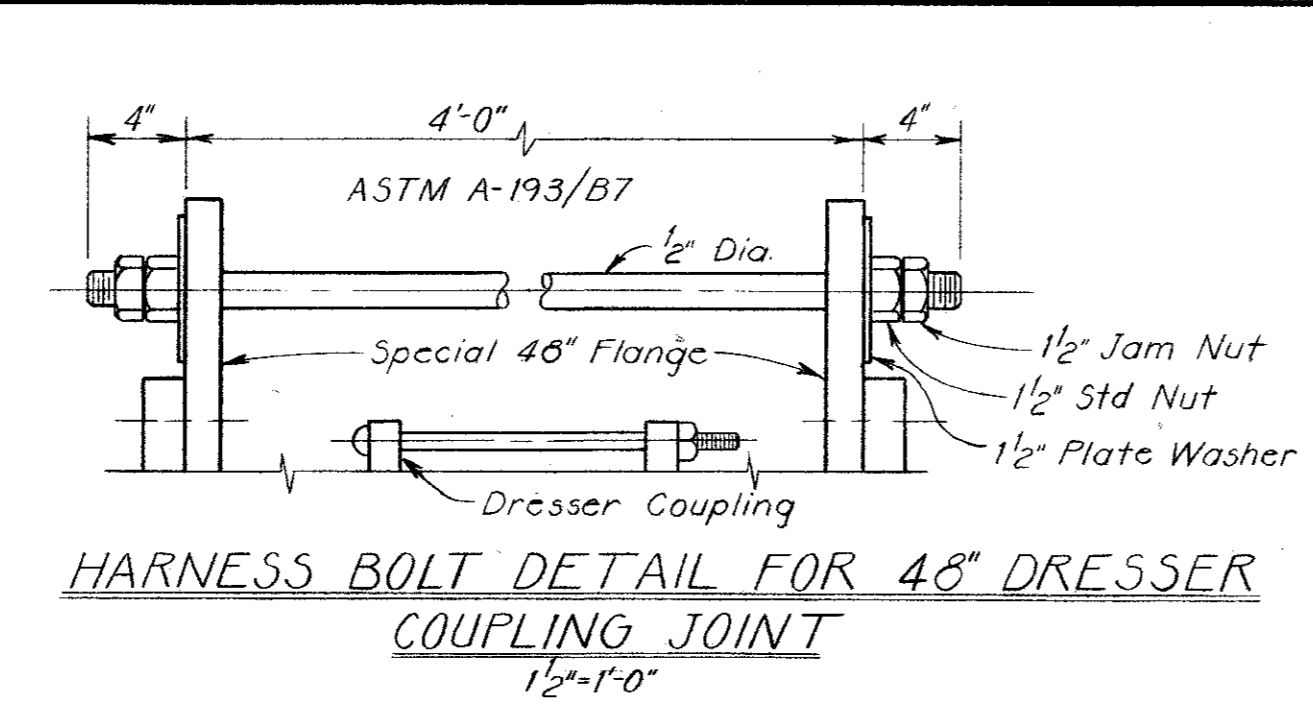
NOTE:  
Hot Dip Galvanize  
Ladder After Fabrication.



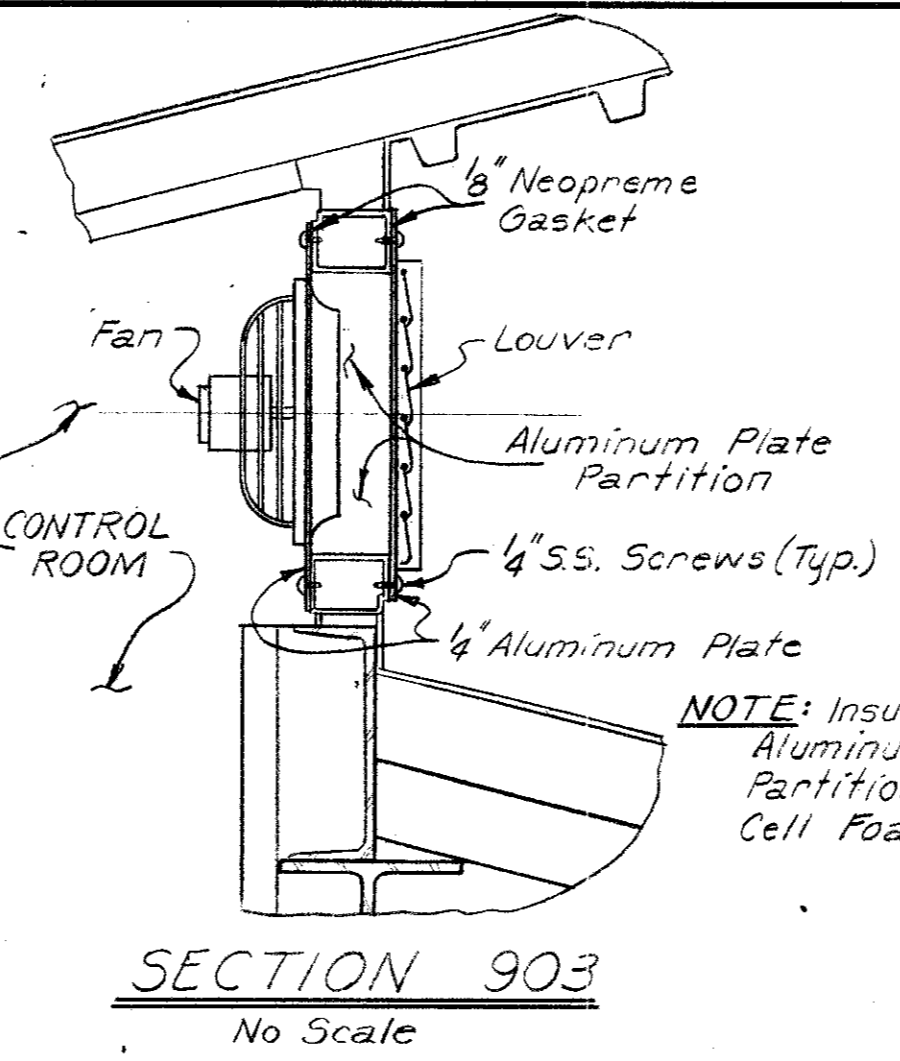
LADDER DETAIL  
1/2" = 1'-0"



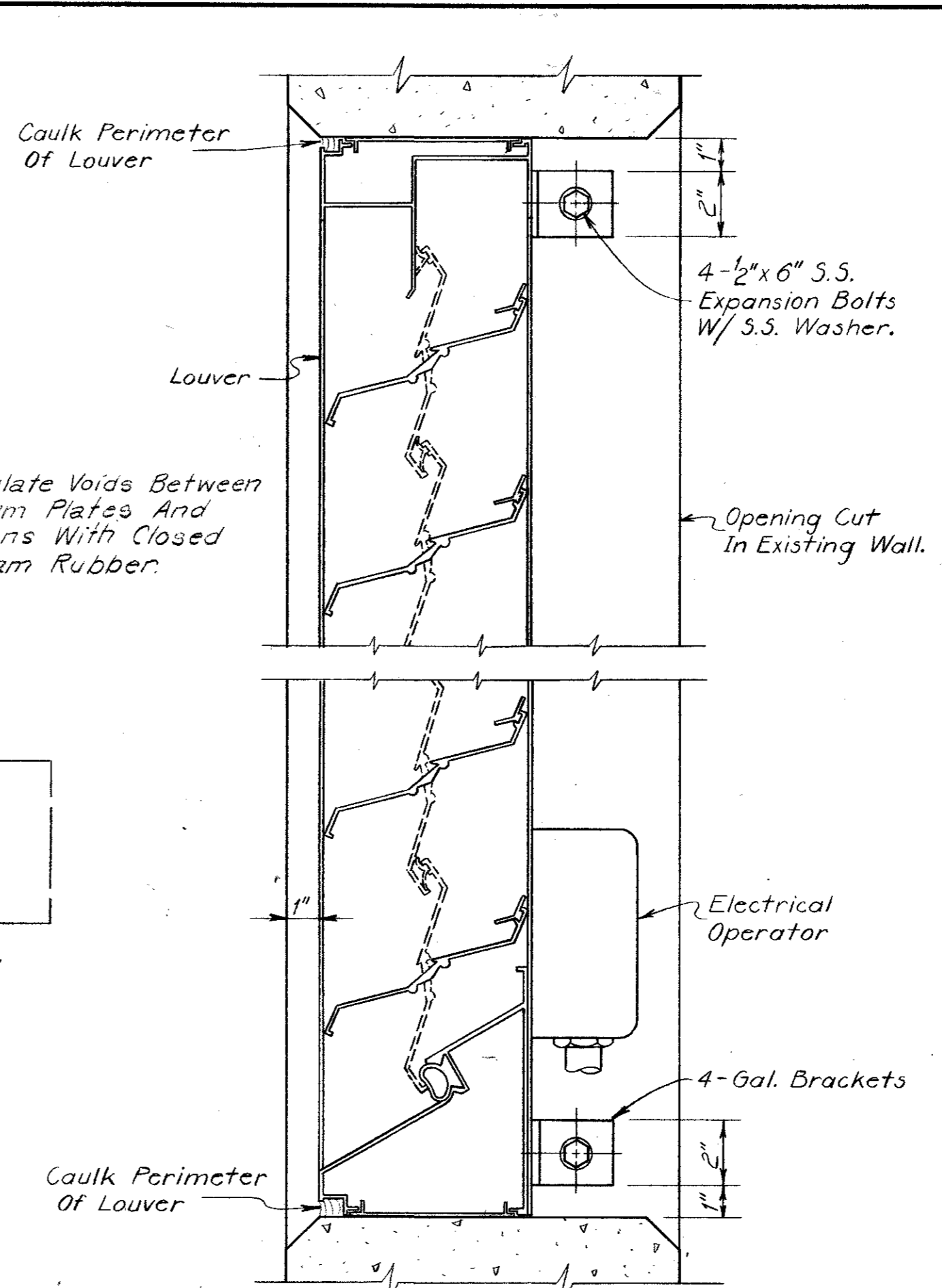
SPECIAL 48" FLANGE  
1/2" = 1'-0"



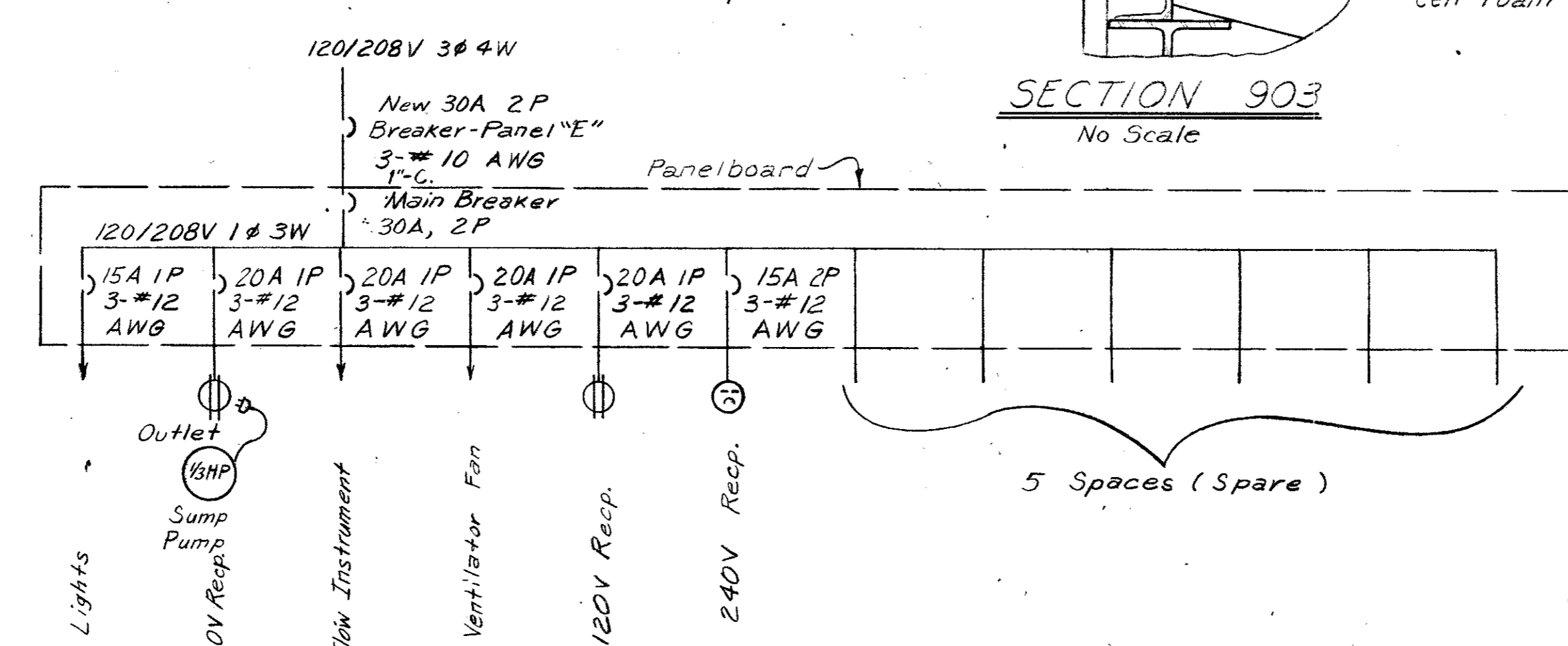
HARNES BOLT DETAIL FOR 48" DRESSER  
COUPLING JOINT  
1/2" = 1'-0"



SECTION 903  
No Scale

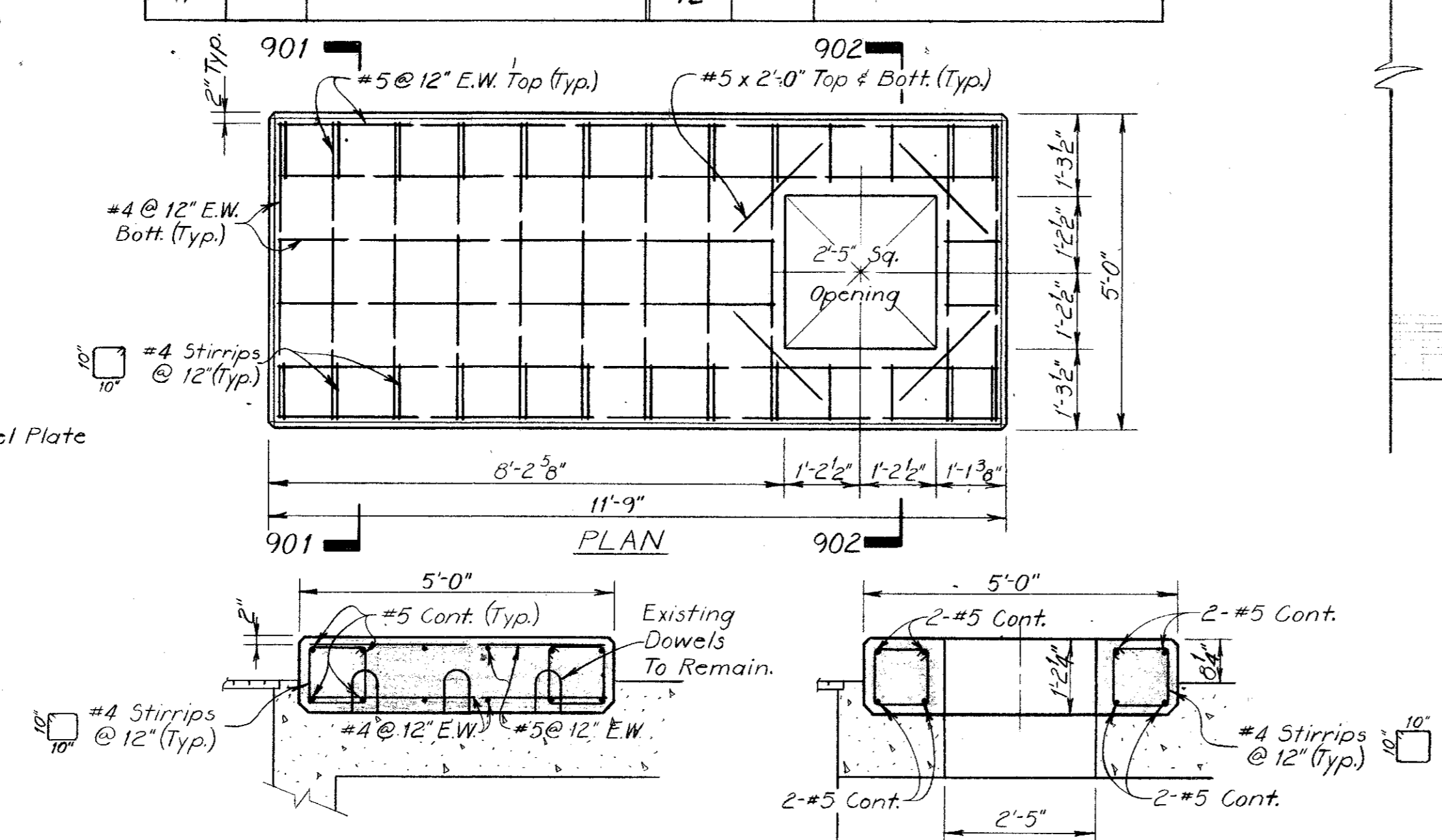


LOUVER INSTALLATION DETAIL  
3/4" = 1'-0"

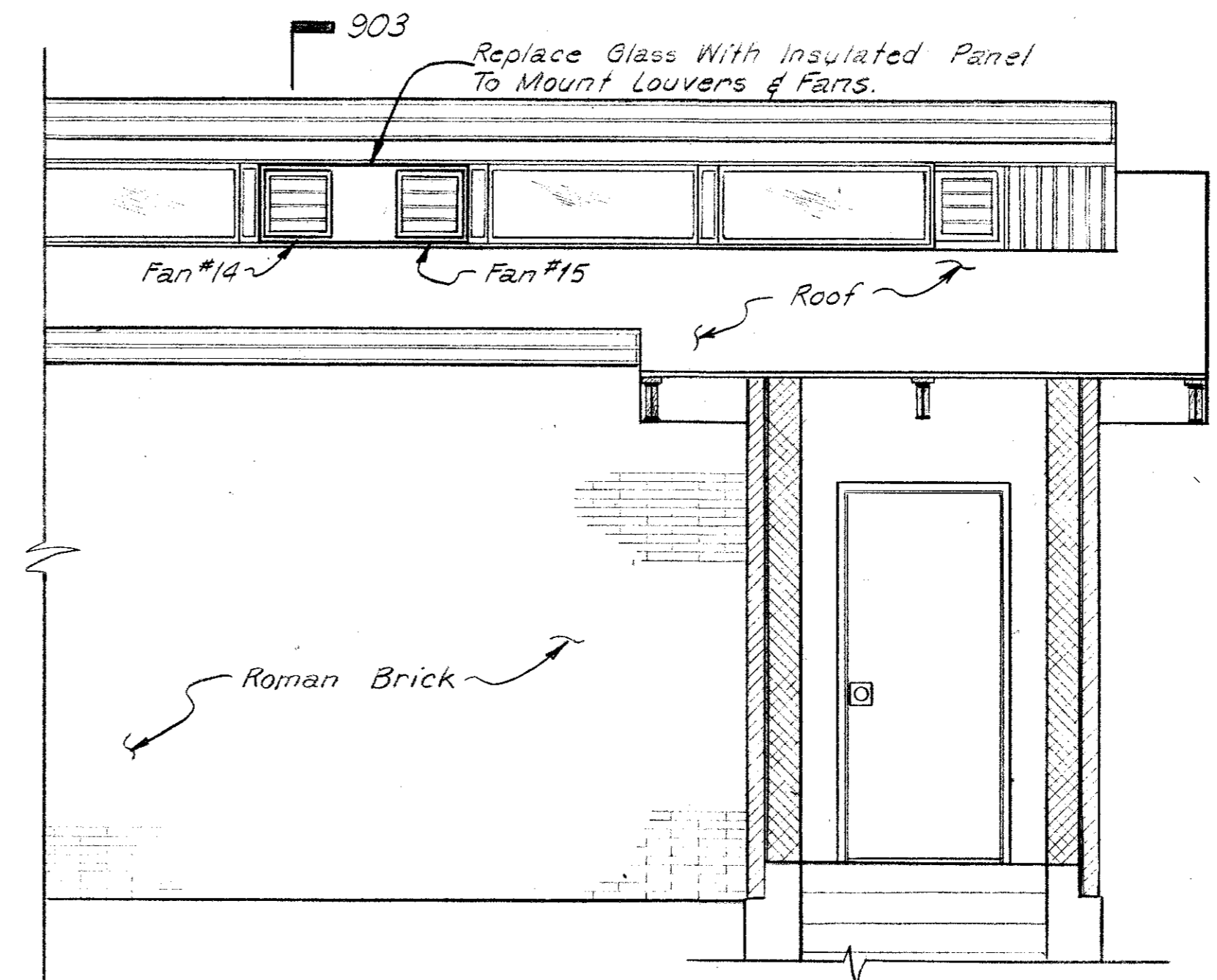


PANEL "M" ONE LINE DIAGRAM

PANEL "M"					
VOLTAGE 120/208V 1Ø, 3W AMPERAGE 100 NEUTRAL (SOLID) X GROUND					
MAIN BREAKER: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO SIZE: 30A 2P					
CKT. NO.	BKR. SIZE	DESCRIPTION	CKT. NO.	BKR. SIZE	DESCRIPTION
1	15A 1P	Lights	2	20A 1P	Ventilator Fan
3	20A 1P	Sump Pump	4	20A 1P	120V Receptical
5	20A 1P	Flow Instrument	6	15A 2P	240V Receptical
7			8		
9			10		
11			12		



SECTION 901 SECTION 902  
PUMP FOUNDATION REINFORCEMENT DETAIL  
1/2" = 1'-0"



FAN & LOUVER INSTALLATION  
DETAIL  
3/8" = 1'-0"  
(PARTIAL NORTH ELEVATION CONTROL ROOM)

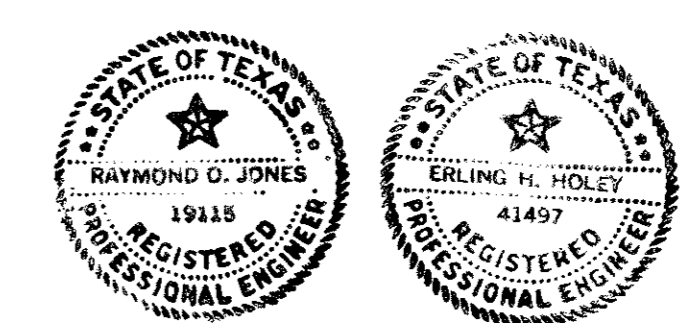
FAN SCHEDULE		
NO	DESCRIPTION	LOCATION
1	Existing Fan And Louver, To Be Relocated From Roof.	Roof Hatch #1
2	ILG Type, UBC 300, 1 1/2 H.P., 618 RPM, 6007 CFM @ 1/8" S.P., With Motor Operated Louver & Hinged Base.	Roof Hatch #2
3	"	Roof Hatch #3
4	"	Roof Hatch #4
5	"	Roof Hatch #5
6	"	Roof Hatch #6
7	Existing Fan And Louver In Place.	Roof Hatch #7
8	ILG Type, PTD Direct Drive 1725 RPM, 1/8 H.P. Tube Axial Duct Fan 1060 CFM @ 1/8" S.P.	Pipe Gallery
9	"	"
10	"	"
11	"	"
12	"	"
13	"	"
14	ILG Type PV Propeller Fan Size Ø3 1550 RPM 1/40 H.P. 289 CFM @ 1/8" S.P. W/ Wire Ground.*	Control Room Ceiling Window
15	"	"
16	ILG No. CRF 122 or equal	Meter Vault

\* Or Approved Equal

PAINT SCHEDULE			
ITEM	PRIMER COAT	DFT	TOTAL DFT MIL.
	FINISH COAT	DFT	
NEW PIPING	Alkyd Modified Chlorinated Rubber, One Coat @ 1 Mil. DFT.		11
	Vinyl, Two Coats @ 5 Mil. DFT. ea.		
NEW VALVES	White Pigments, One Coat @ 15 Mil. DFT.		4.5
	Flat Latex, Two Coats @ 15 Mil. DFT. Each		
NEW PUMPING UNITS	Alkyd Modified Chlorinated Rubber, One Coat @ 1 Mil. DFT.		11
	Vinyl, Two Coats @ 5 Mil. DFT. ea.		
PUMP ROOM WALLS (1)	One Coat Latex Sealer		15
	Vinyl, Two Coats @ 5 Mil. DFT. ea.		
ROOF HATCHES	Vinyl-Epoxy Primer W/Zinc Chromate, One Coat @ 0.3 Mil.		10.3
	Vinyl, Two Coats @ 5 Mil. DFT. ea.		
NEW MISCELLANEOUS STEEL	Alkyd Modified Chlorinated Rubber, One Coat @ 1 Mil. DFT.		11
	Vinyl, Two Coats @ 5 Mil. DFT. ea.		

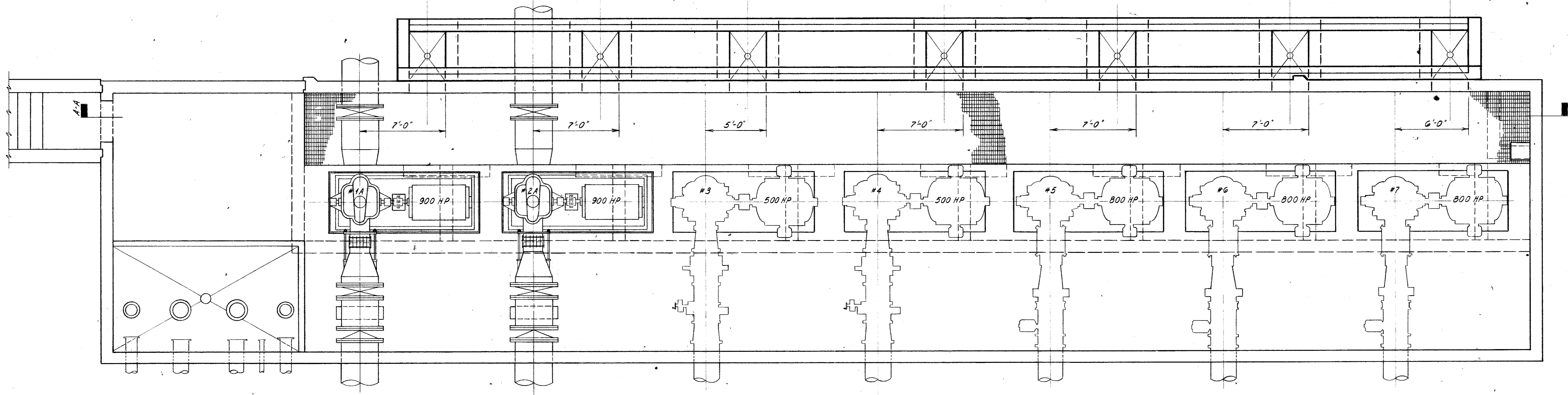
- NOTES
- North end wall, South end wall, wall area of Pumps 1A & 2A Discharge line and any wall surfaces damaged.
  - Colors to be selected, by Engineers, from manufacturers standard color charts.
  - Painting required shall include but is not limited to paint schedule. SEE SPECIFICATION DIVISION 9

DATE	REVISION	BY
<b>METER VAULT MECHANICAL AND ELECTRICAL DETAILS</b>		
<b>PUMPS 1A &amp; 2A</b>		
<b>BELTWOOD PUMP STATION</b>		
<b>DALLAS WATER UTILITIES</b>		
CITY OF DALLAS, TEXAS		
DESIGN	R.O.J., E.H.H., A.C.P.	CONTRACT NO.
DRAWN	W.E.M., L.M.	81-7
TRACED		FILE NO.
CHECKED		640Q-700B
DATE	DEC 1980	SHEET NO.
		9
		OF 20

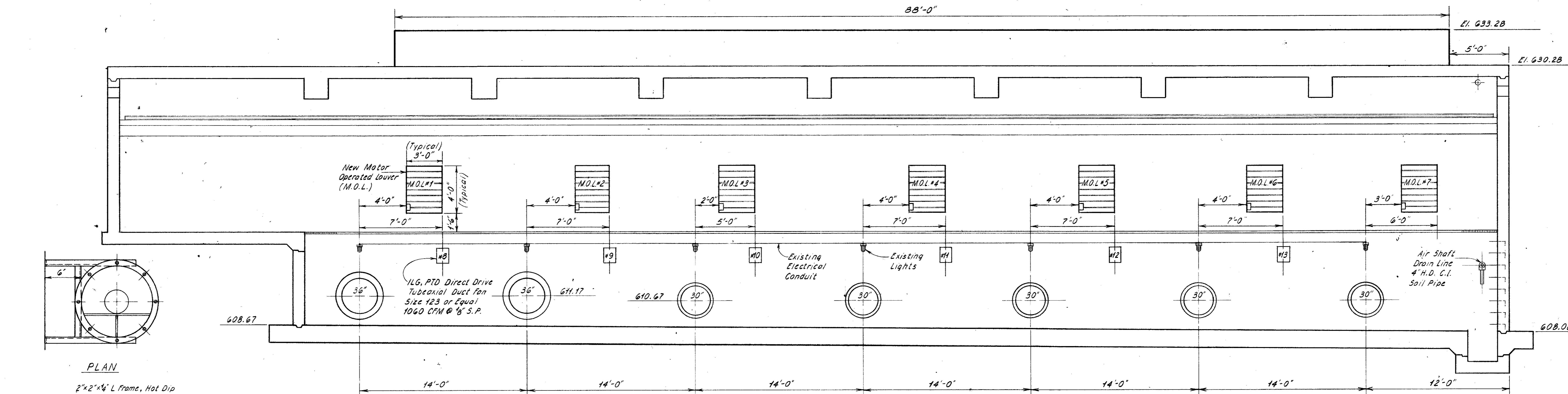




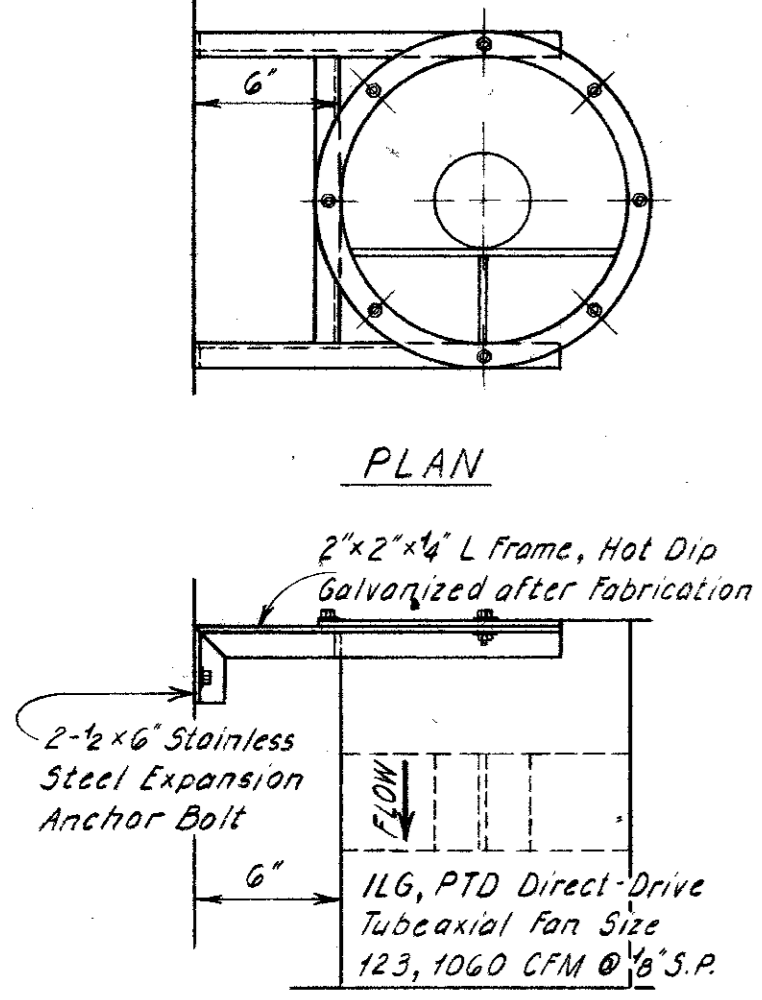




FLOOR PLAN  
1/4"=1'-0"



SECTION A-A  
WEST WALL ELEVATION  
1/4"=1'-0"



FAN INSTALLATION  
1/2"=1'-0"

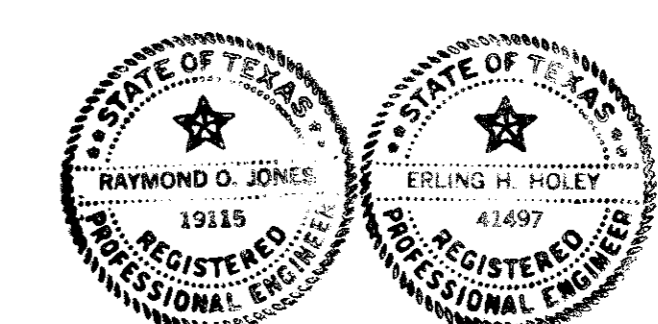
DATE	REVISION	BY

<b>PUMP ROOM MECHANICAL FLOOR PLAN AND WEST WALL ELEVATION</b>		
PUMPS 1A & 2A		
BELTWOOD PUMP STATION		
DALLAS WATER UTILITIES		
CITY OF DALLAS, TEXAS		

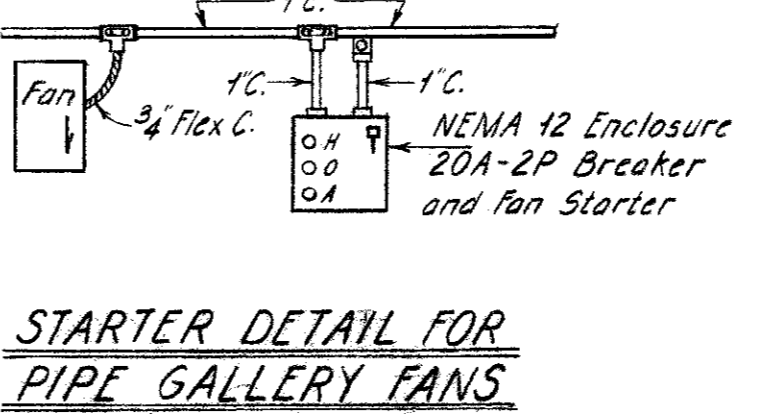
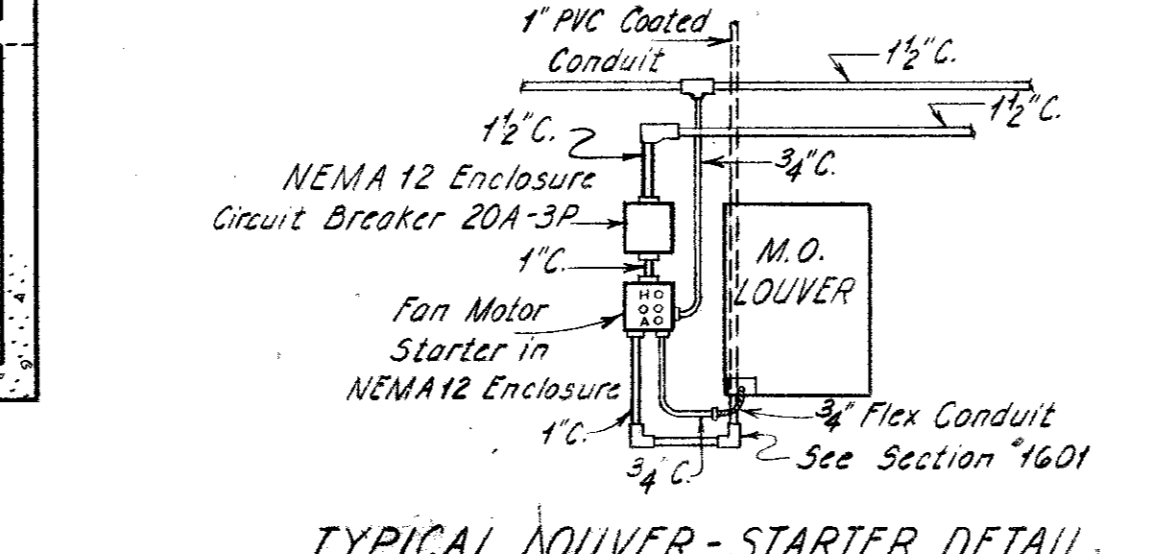
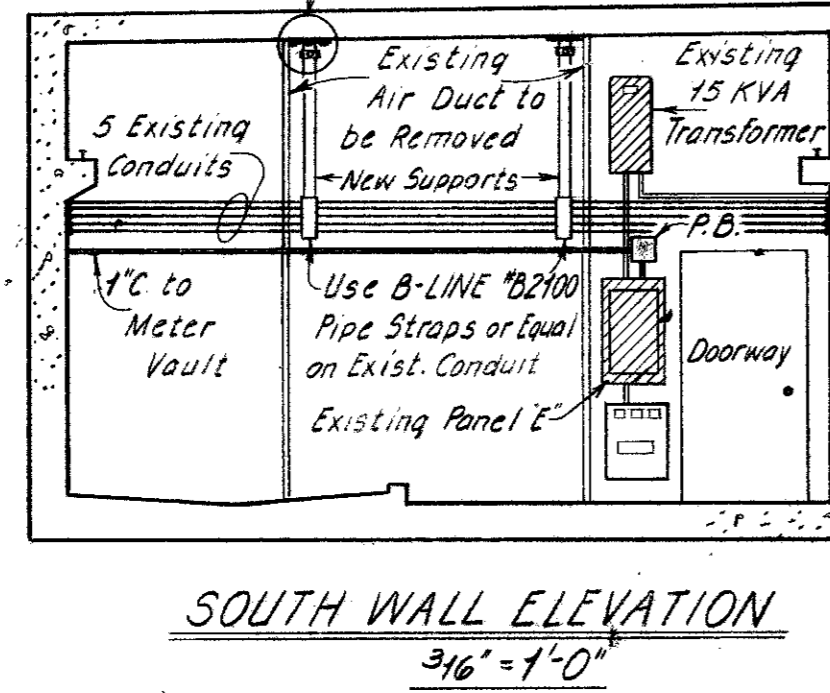
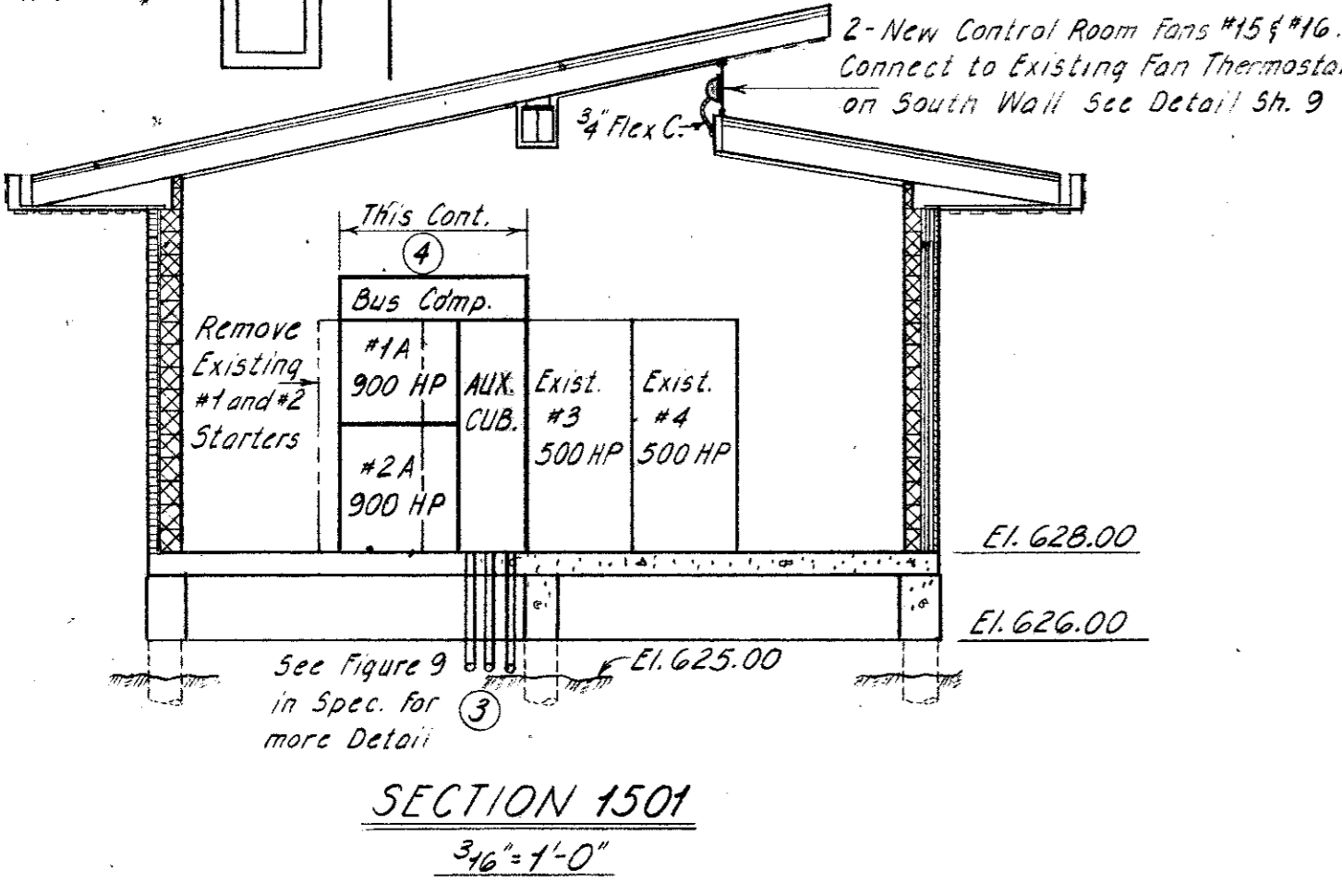
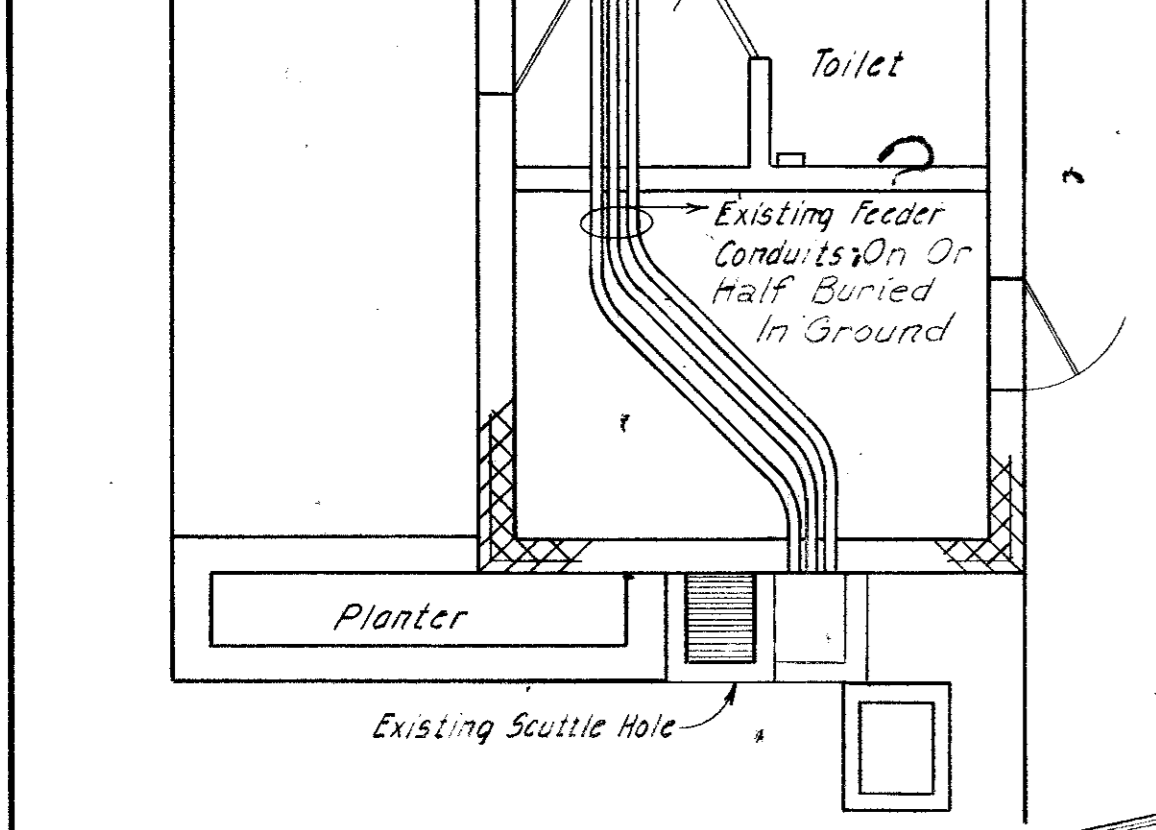
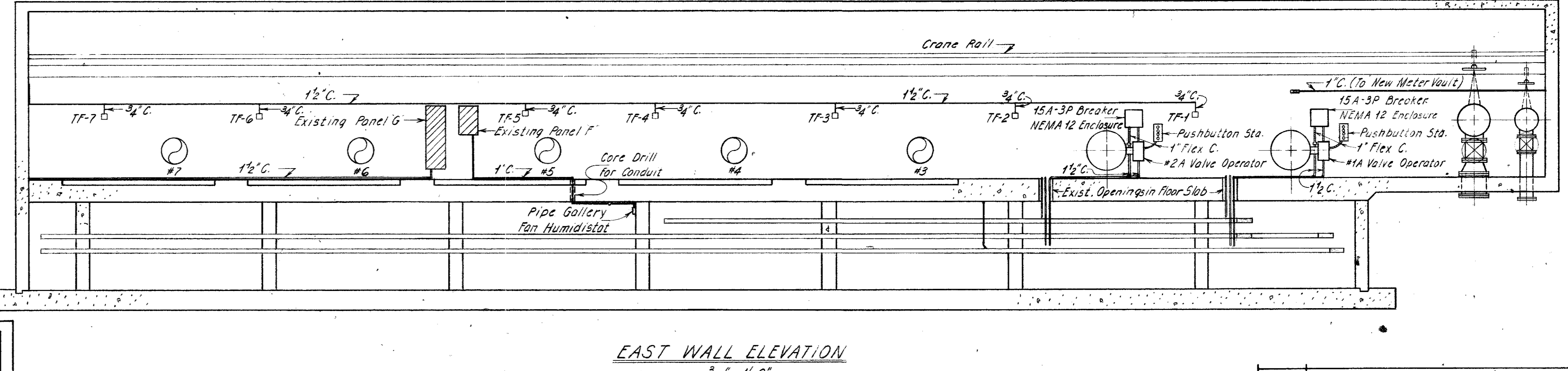
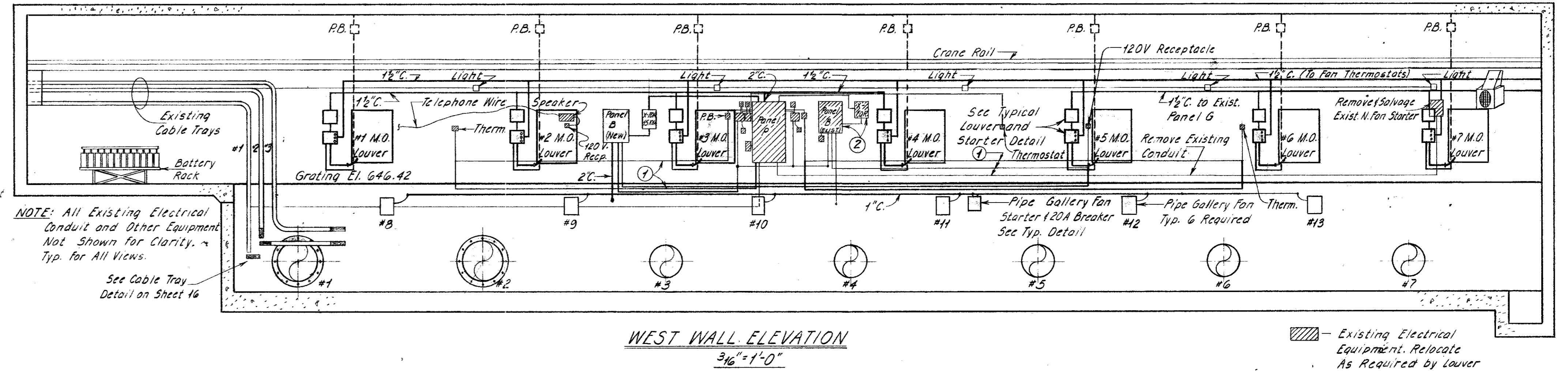
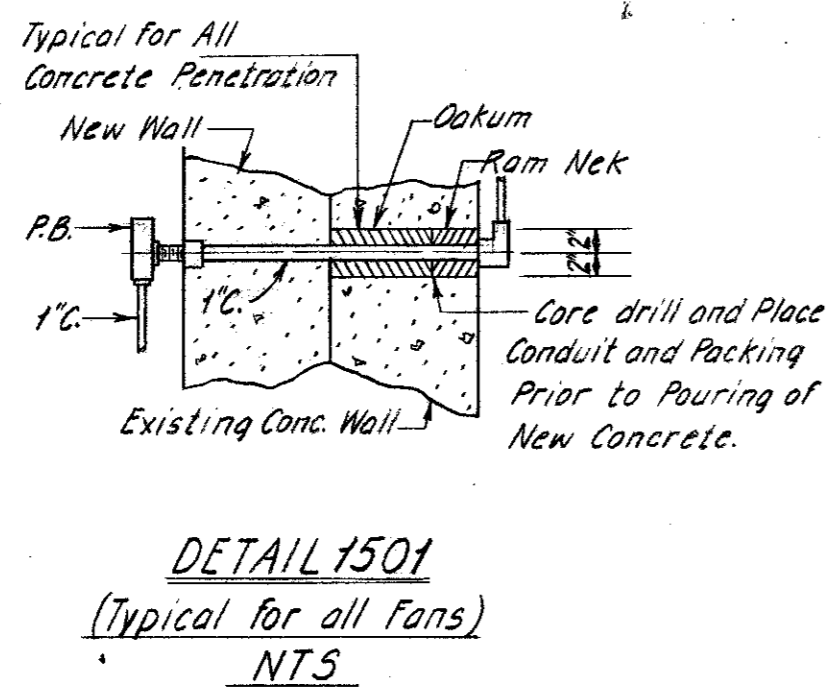
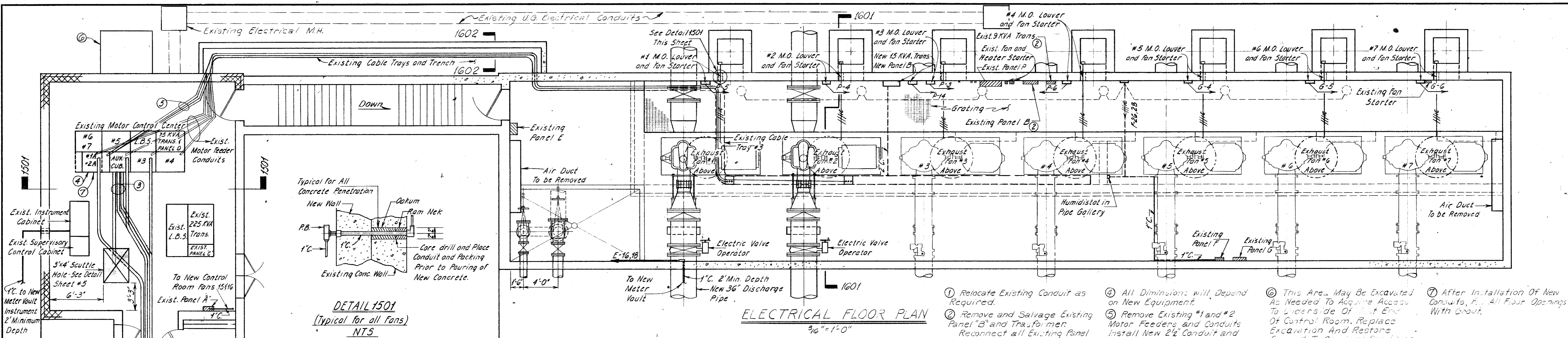
  

DESIGN	EHH	CONTRACT NO.	81-7	SHEET NO.	13
DRAWN	RME	FILE NO.	640Q-700 B	OF	20
CHECKED					
DATE	Dec. 1980				





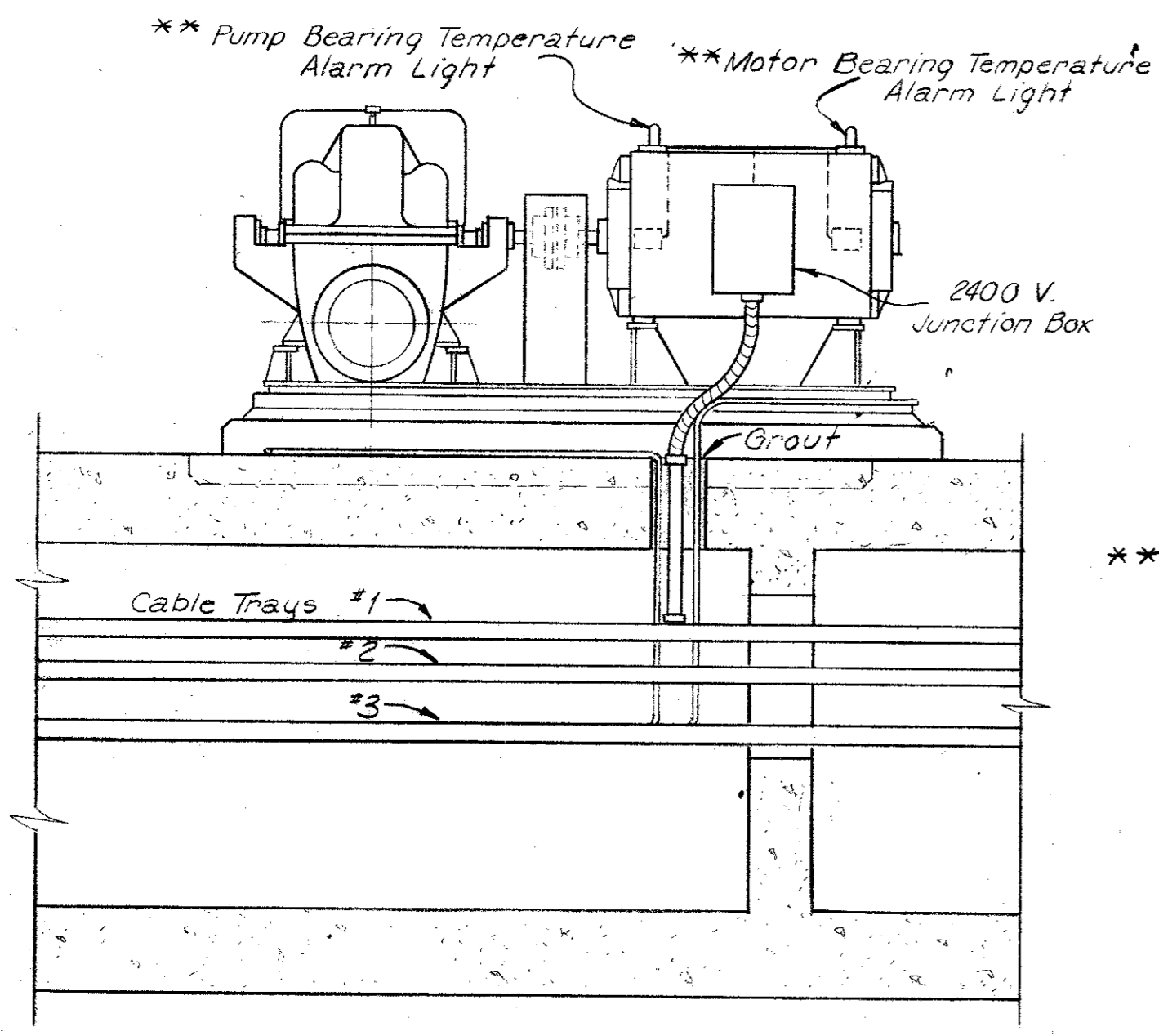
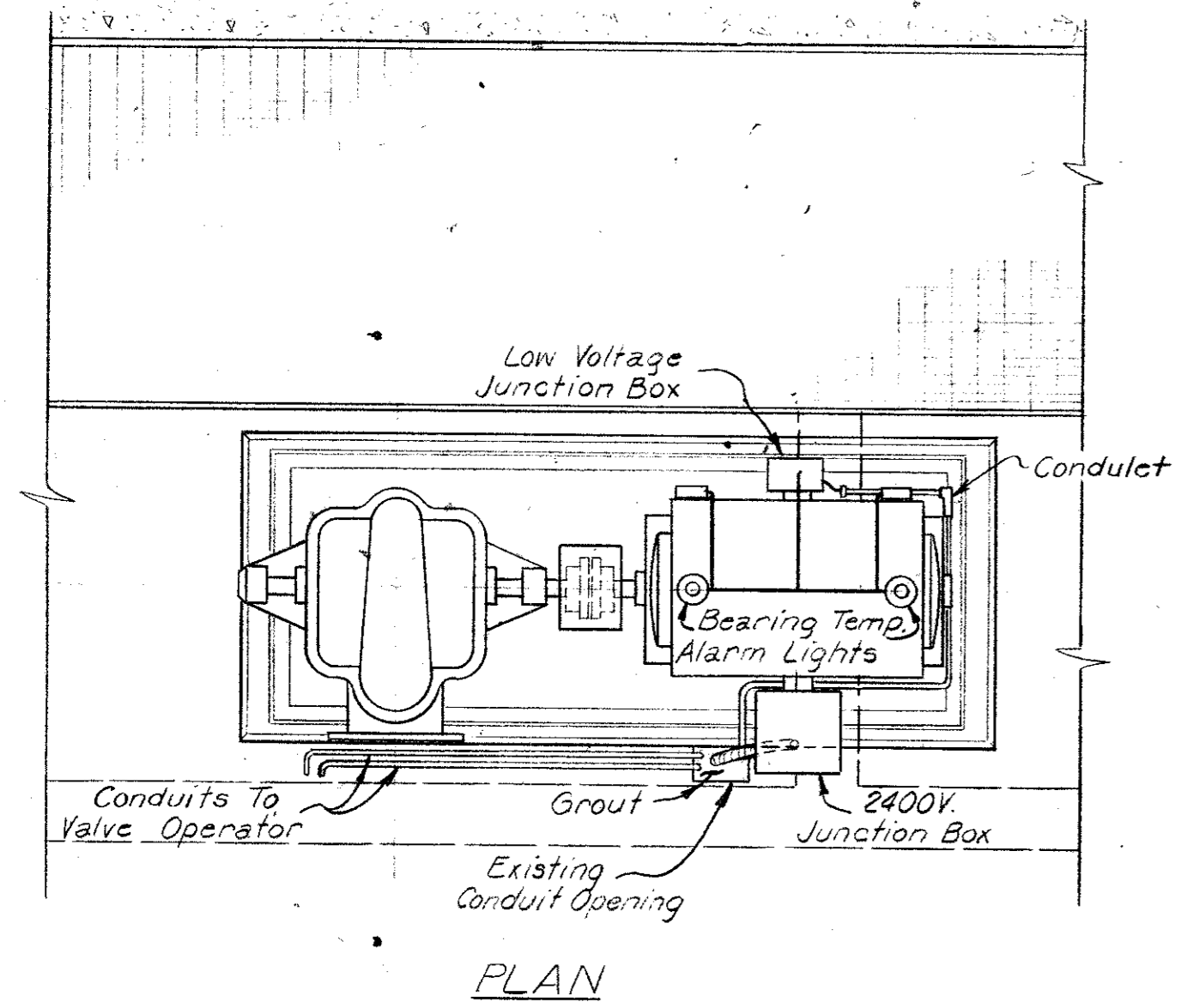




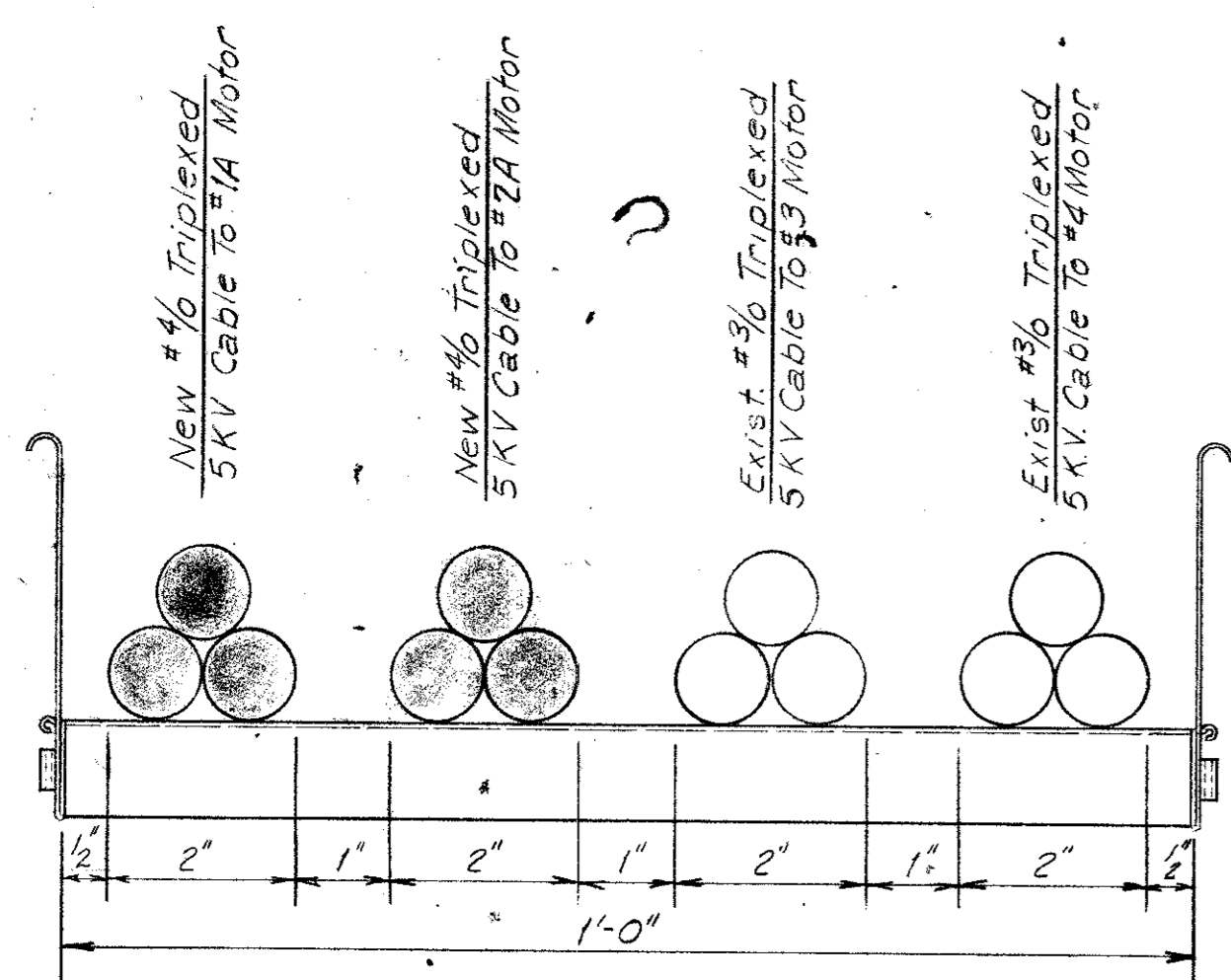
DATE	REVISION	BY
<b>ELECTRICAL FLOOR PLAN AND ELEVATIONS</b>		
<b>PUMPS 1A &amp; 2A</b>		
<b>BELTWOOD PUMP STATION</b>		
<b>DALLAS WATER UTILITIES</b>		
<b>CITY OF DALLAS, TEXAS</b>		
DESIGN	ACP	CONTRACT NO.
DRAWN	RME	81-7
TRACED		FILE NO.
CHECKED		640Q-700B
DATE	DEC '80	SHEET NO.
		15
		20



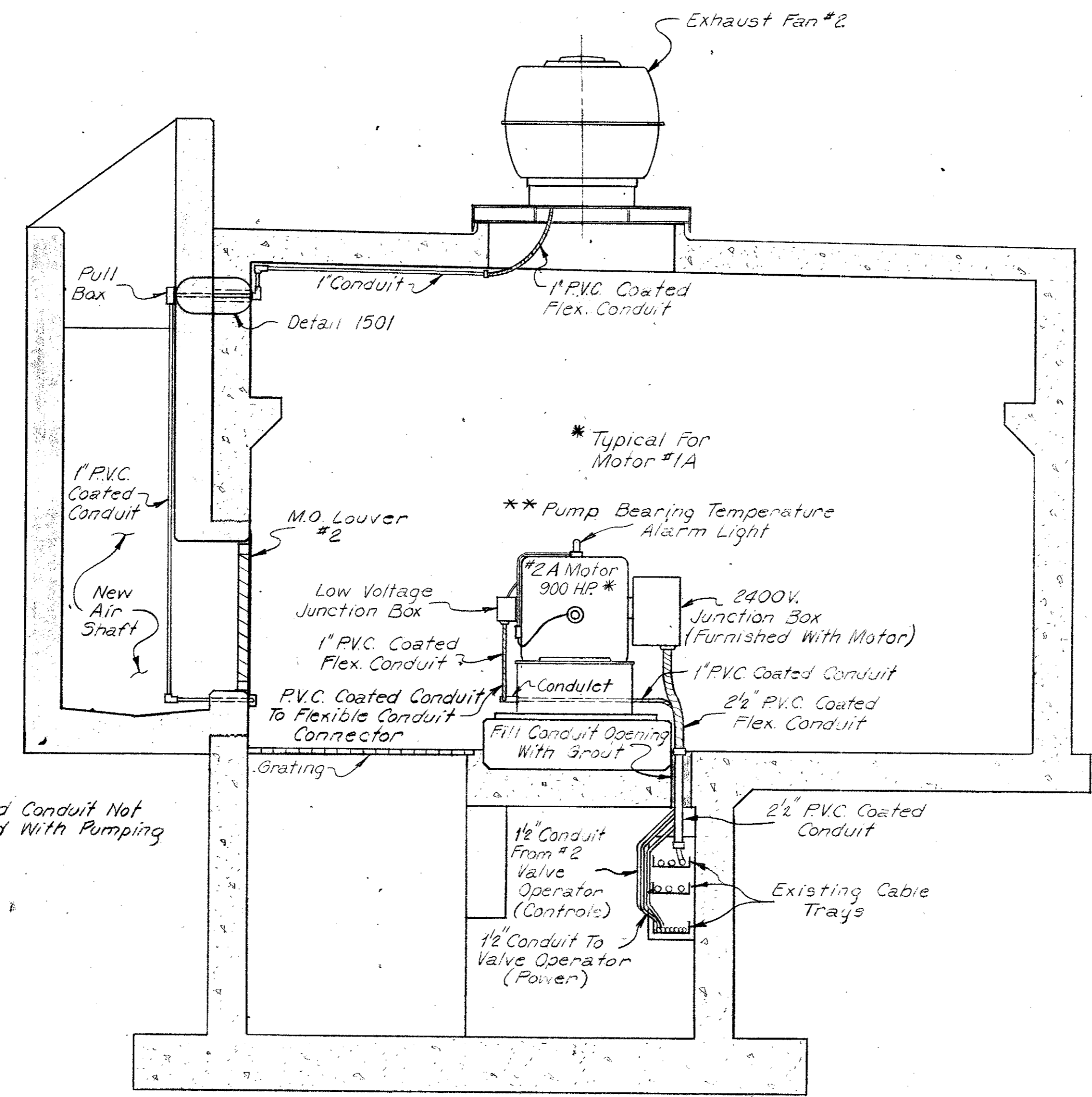




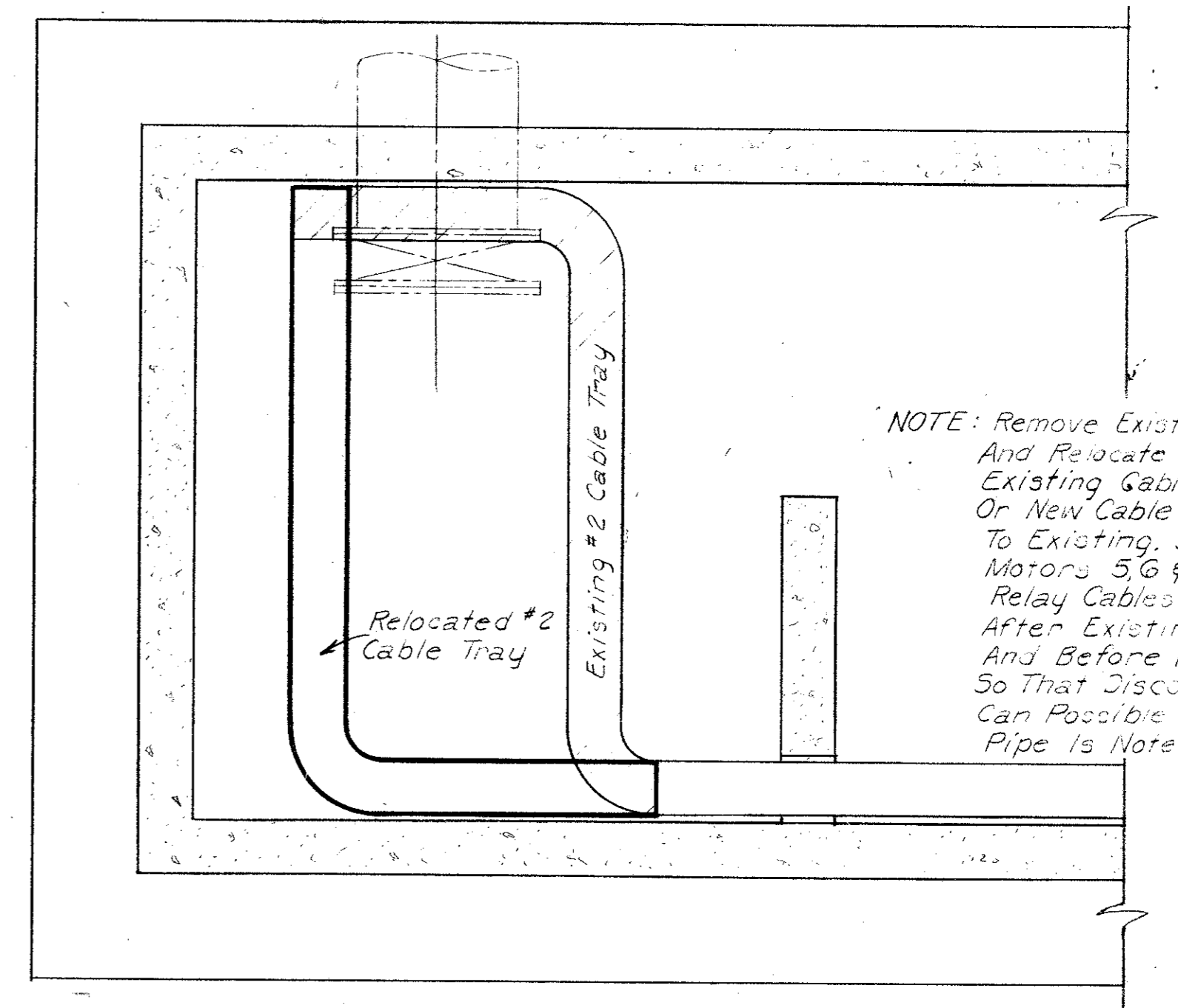
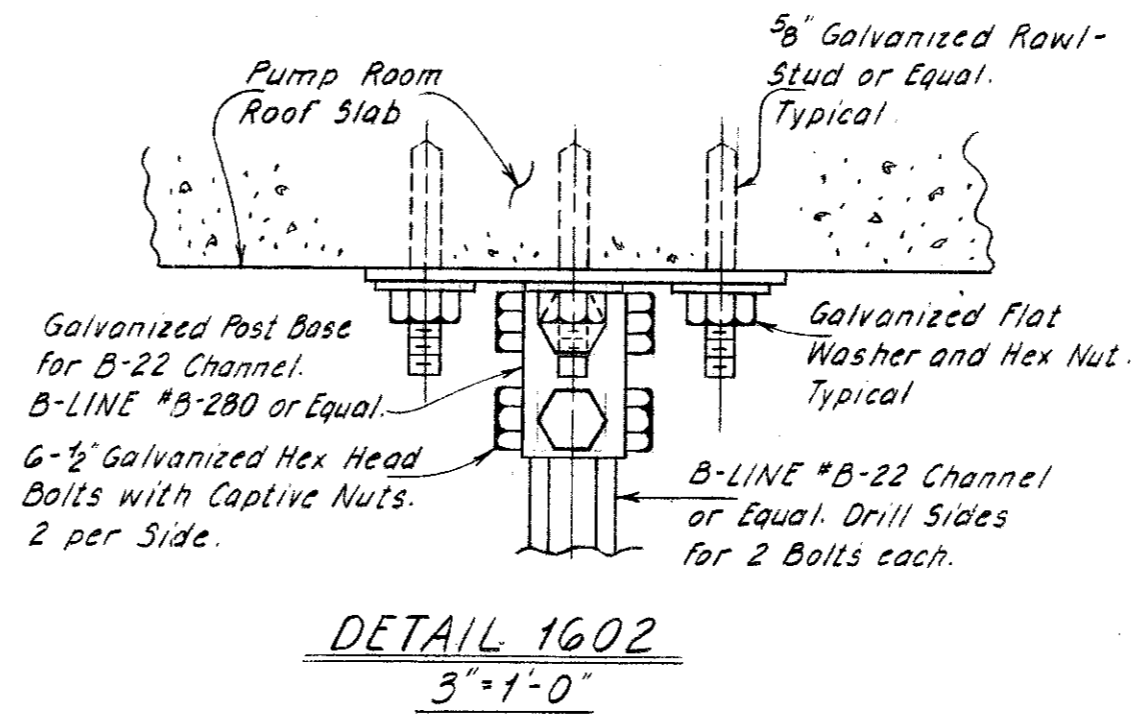
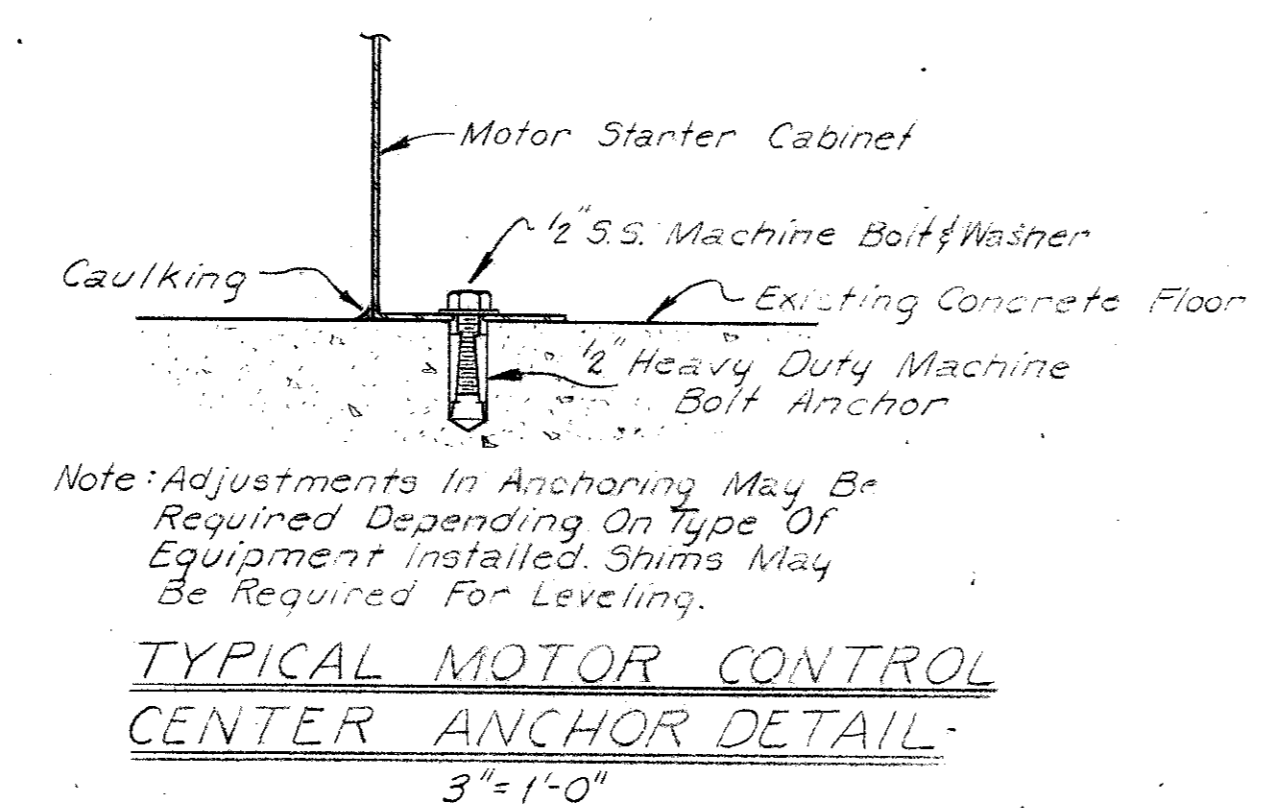
TYPICAL PUMPING UNIT DETAIL  
3/8" = 1'-0"



EXISTING 12" CABLE TRAY (#3)  
(SECTION 1602)  
HALF SCALE

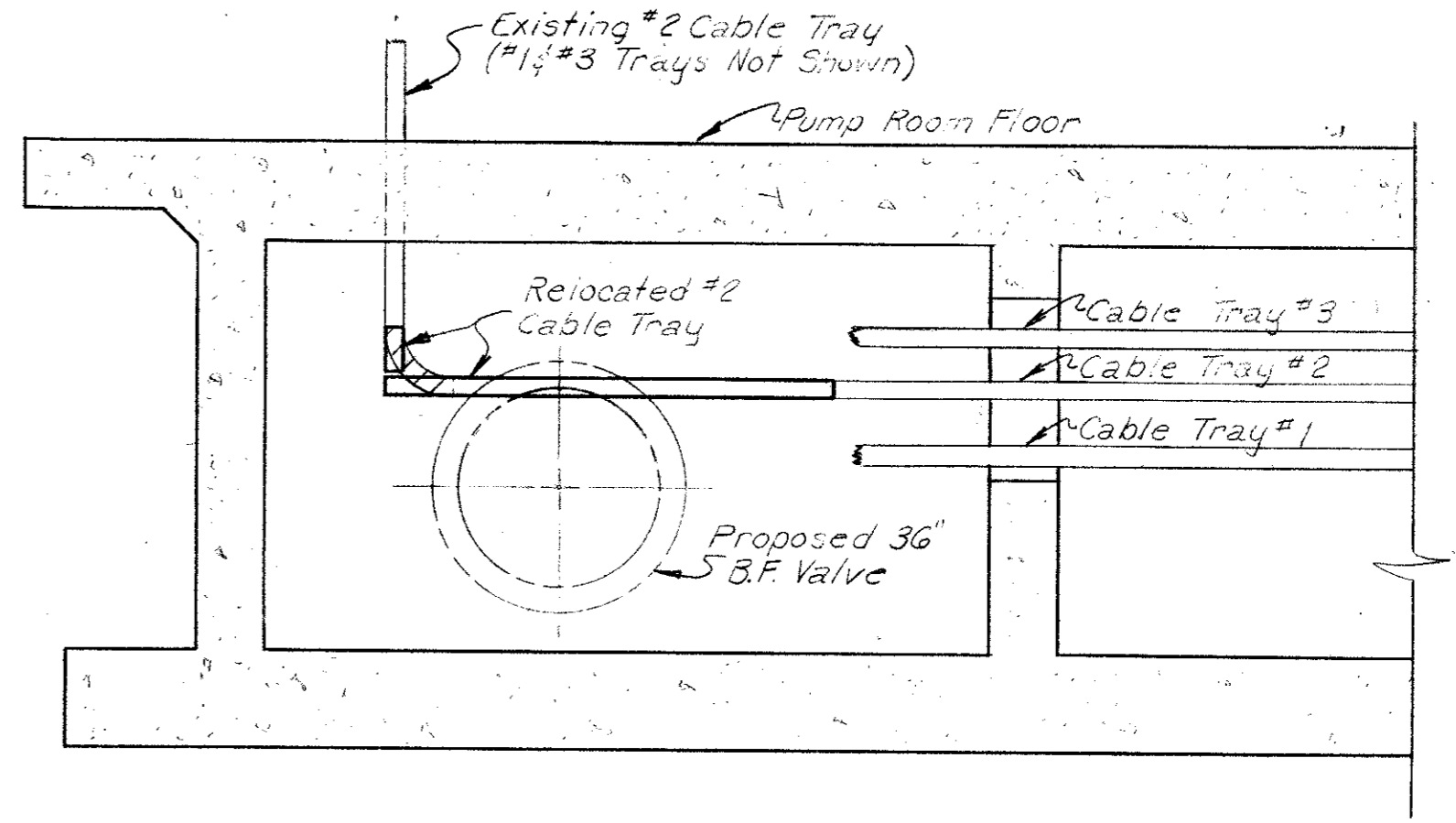


SECTION 1601  
3/8" = 1'-0"

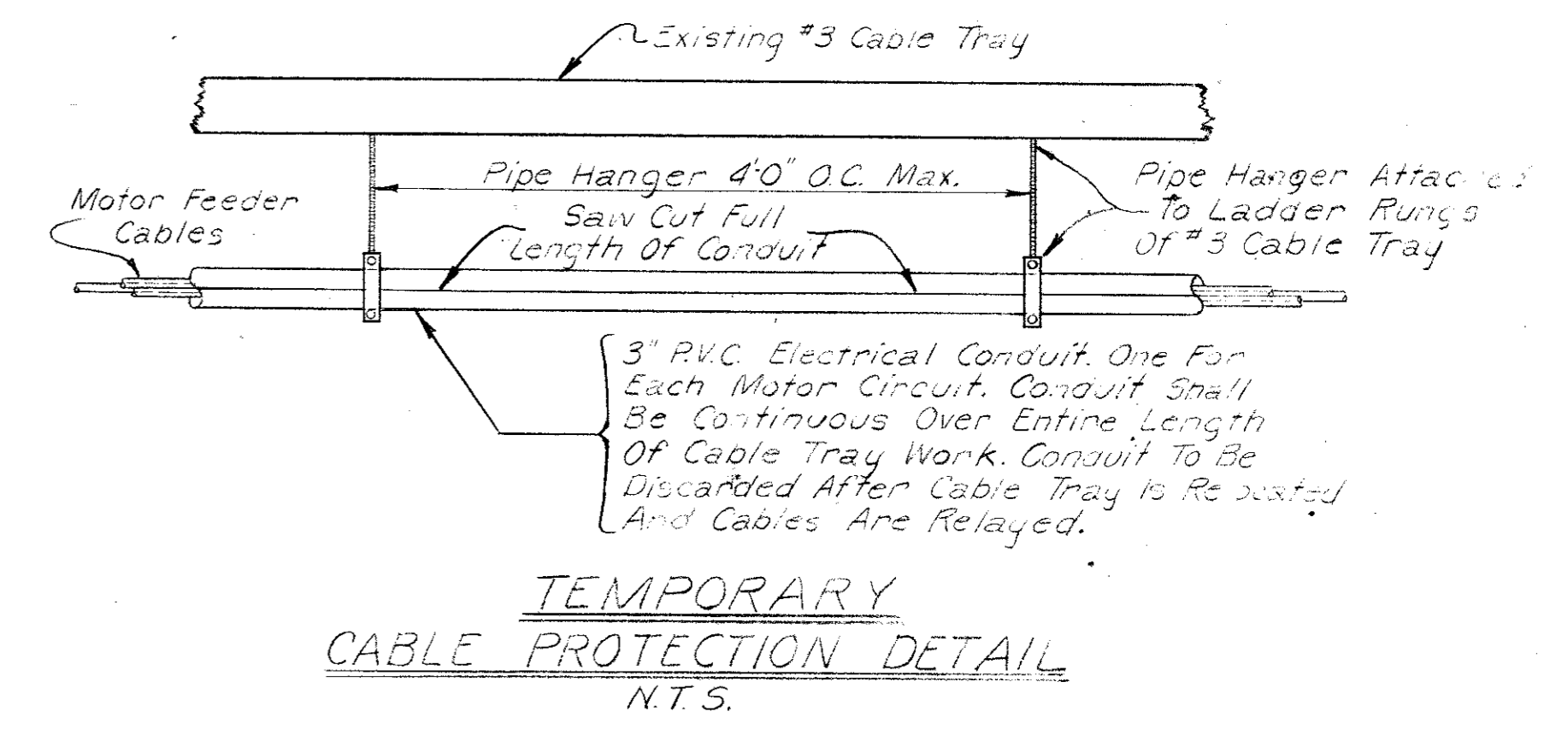


NOTE: Remove Existing Cable Tray - Marked  And Relocate Cable Tray As Shown. Reuse Existing Cable Tray Where Possible And/ Or New Cable Tray Equal In Style And Size To Existing. Support Existing Cables To Motors 5, 6 & 7 While Working On Tray. Relay Cables In Tray. Work To Be Performed After Existing Suction Pipe Is Removed And Before New Suction Pipe Is Installed So That Disconnecting Of Cables At Motors Can Possible Be Avoided. Pump #1 Suction Pipe Is Not Shown.

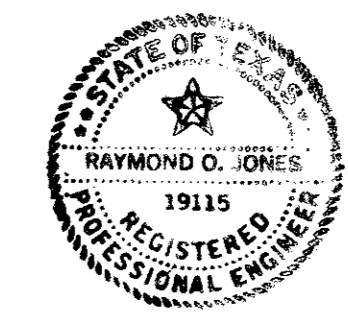
**PLAN**



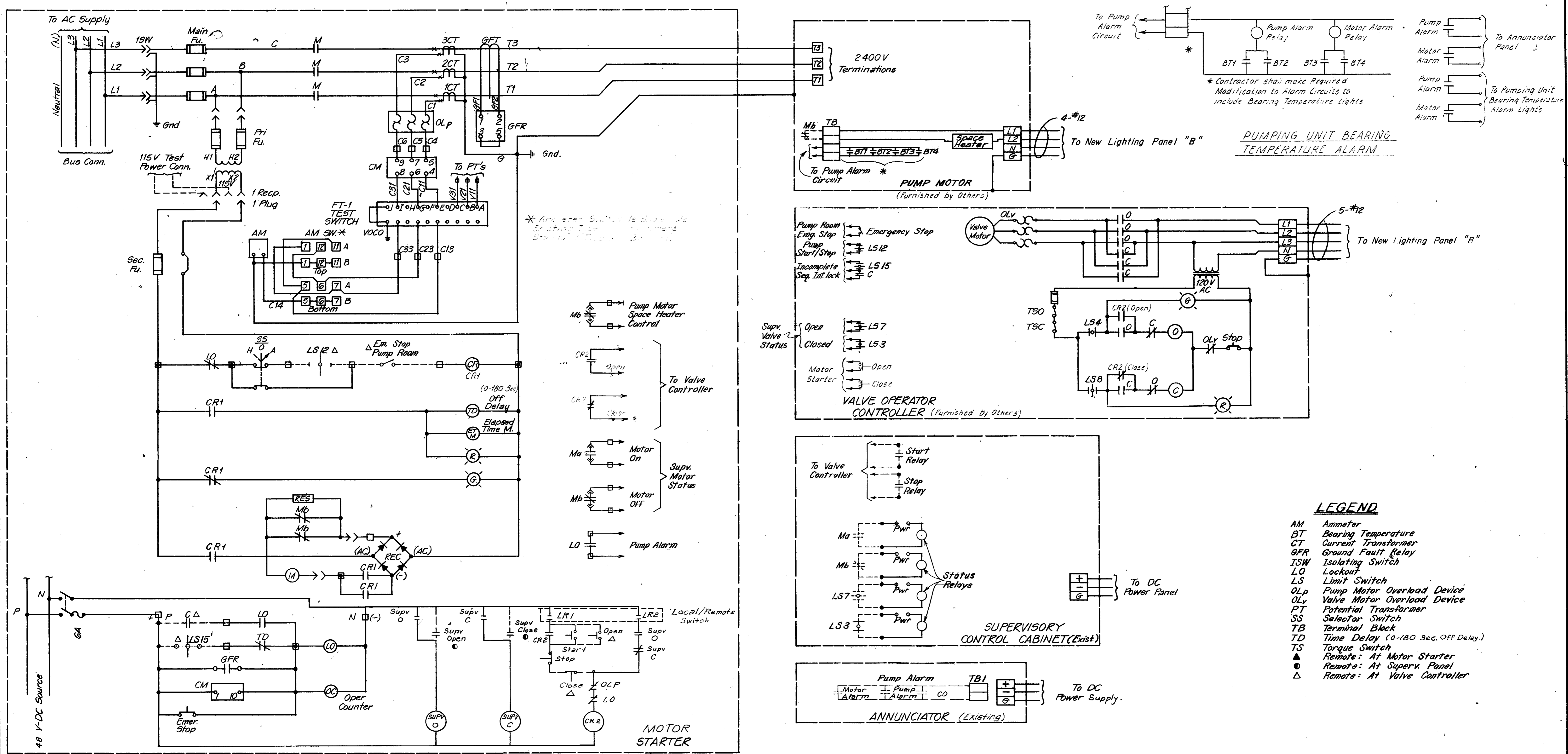
SECTION  
#2 CABLE TRAY MODIFICATION  
3/8" = 1'-0"



DATE	REVISION	BY
<b>ELECTRICAL SECTIONS &amp; DETAILS</b>		
PUMPS 1A & 2A BELTWOOD PUMP STATION		
DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS		
DESIGN	ACF	CONTRACT NO.
DRAWN	WLT	81-7
TRACED		FILE NO.
CHECKED		640Q-700B
DATE		SHEET NO.
		16
		20







- LEGEND**
- AM Ammeter
  - BT Bearing Temperature
  - CT Current Transformer
  - GFR Ground Fault Relay
  - ISW Isolating Switch
  - LO Lockout
  - LS Limit Switch
  - OLP Pump Motor Overload Device
  - OLV Valve Motor Overload Device
  - PT Potential Transformer
  - SS Selector Switch
  - TB Terminal Block
  - TD Time Delay (0-180 Sec. Off Delay.)
  - TS Torque Switch
  - ▲ Remote: At Motor Starter
  - Remote: At Superv. Panel
  - △ Remote: At Valve Controller

TYPICAL MOTOR CONTROL SCHEMATIC  
PUMPS 1A & 2A

VALVE SHOWN IN FULL CLOSED POSITION

ROTOR	LIMIT SW. CONTACT	VALVE POSITION			FUNCTION
		FULL OPEN	INTERMEDIATE POSITION	FULL CLOSED	
1	1				SPARE
	2				SPARE
	3				IND. VALVE CLOSE (SUPV.)
	4				LSO: OPEN LIMIT
2	5				SPARE
	6				SPARE
	7				IND. VALVE OPEN (SUPV.)
	8				LSC: CLOSE LIMIT
3	9				SPARE
	10				SPARE
	11				SPARE
	12				PUMP ON-START
4	13				SPARE
	14				SPARE
	15				INCOMPLETE SEQ. INT. LOCK
	16				SPARE

Contact	Selector Position		
	Local	OFF	Remote
L R 1	X		
L R 2			X

"X" Indicates Contact Closed

LOCAL - REMOTE  
SELECTOR SWITCH

⑦ TSC TORQUE SWITCH (CLOSING CYCLE)      ① Point of incipient flow  
 ⑧ TSO TORQUE SWITCH (OPENING CYCLE)      ② 5 Degrees beyond ①

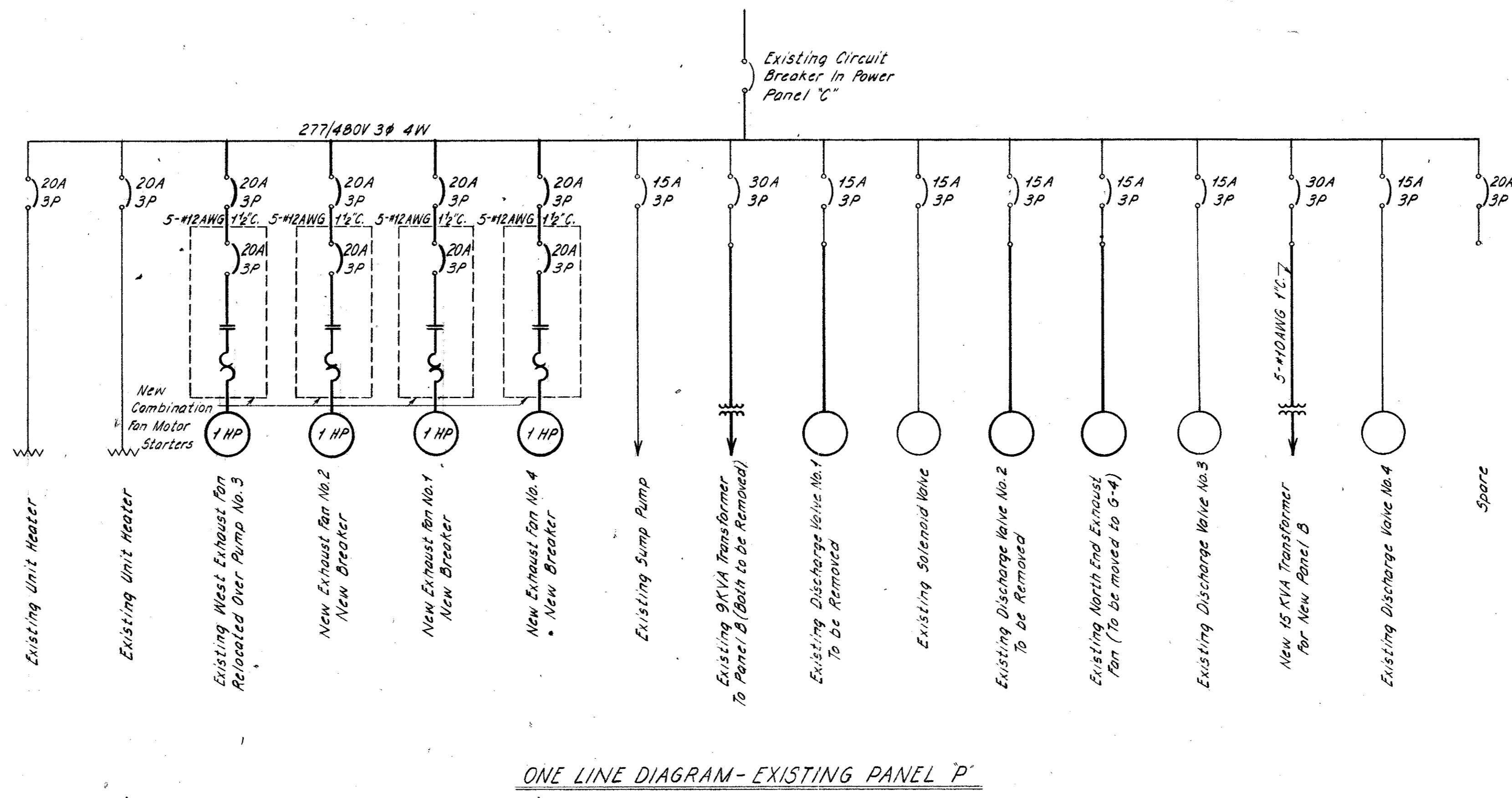
**VALVE LIMIT SWITCH DEVELOPMENT**  
VALVES # 1A & 2A

DATE	REVISION	BY
<b>MOTOR CONTROL DIAGRAM</b>		
<b>PUMPS 1A &amp; 2A</b>		
<b>BELTWOOD PUMP STATION</b>		
<b>DALLAS WATER UTILITIES</b>		
<b>CITY OF DALLAS, TEXAS</b>		
DESIGN	AC.P. D.C.C.	CONTRACT NO. 81-7
DRAWN	L.M. RME	FILE NO. 17
TRACED		640Q-700B
CHECKED		OF 20
DATE	12-12-80	

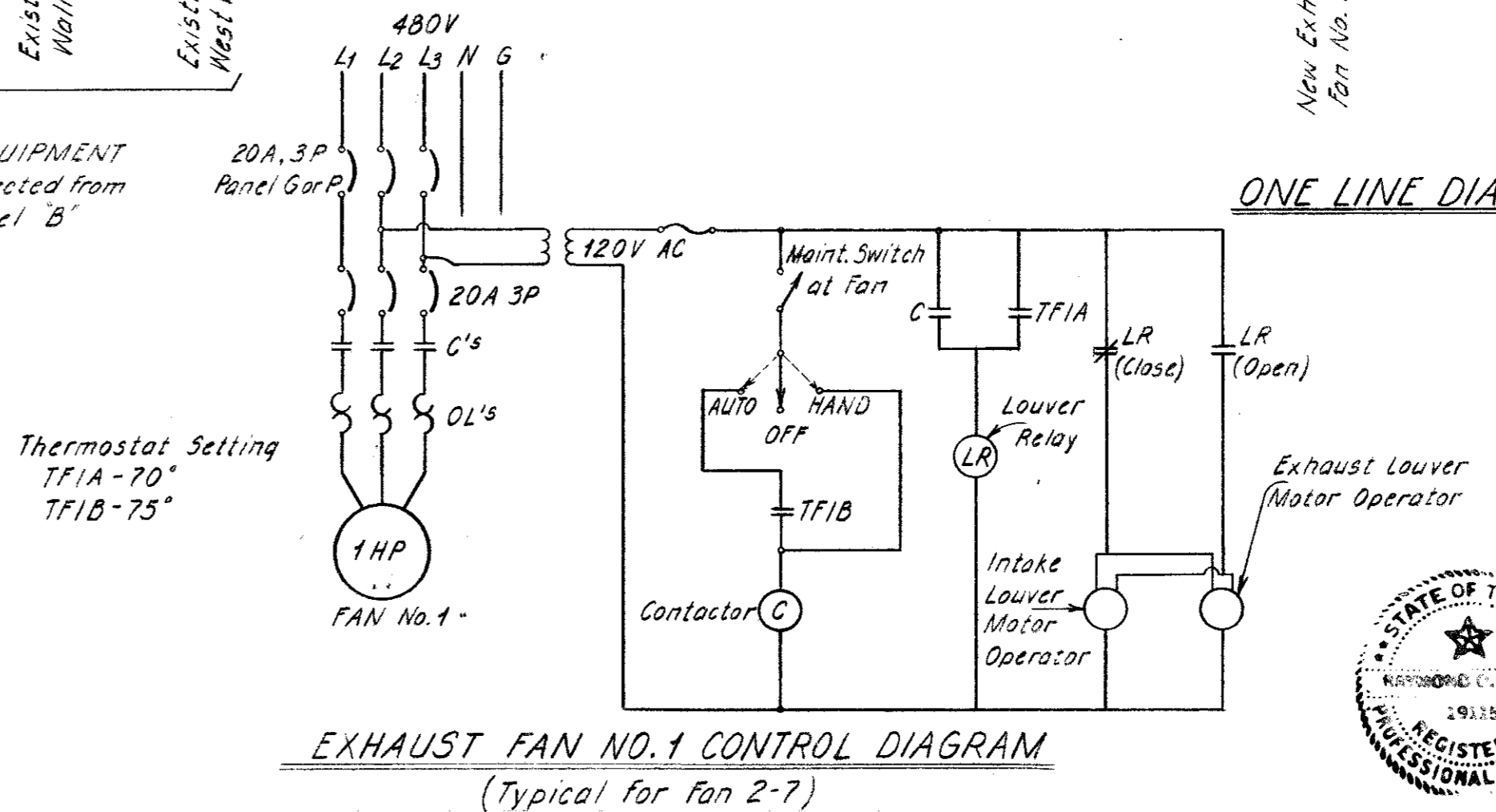
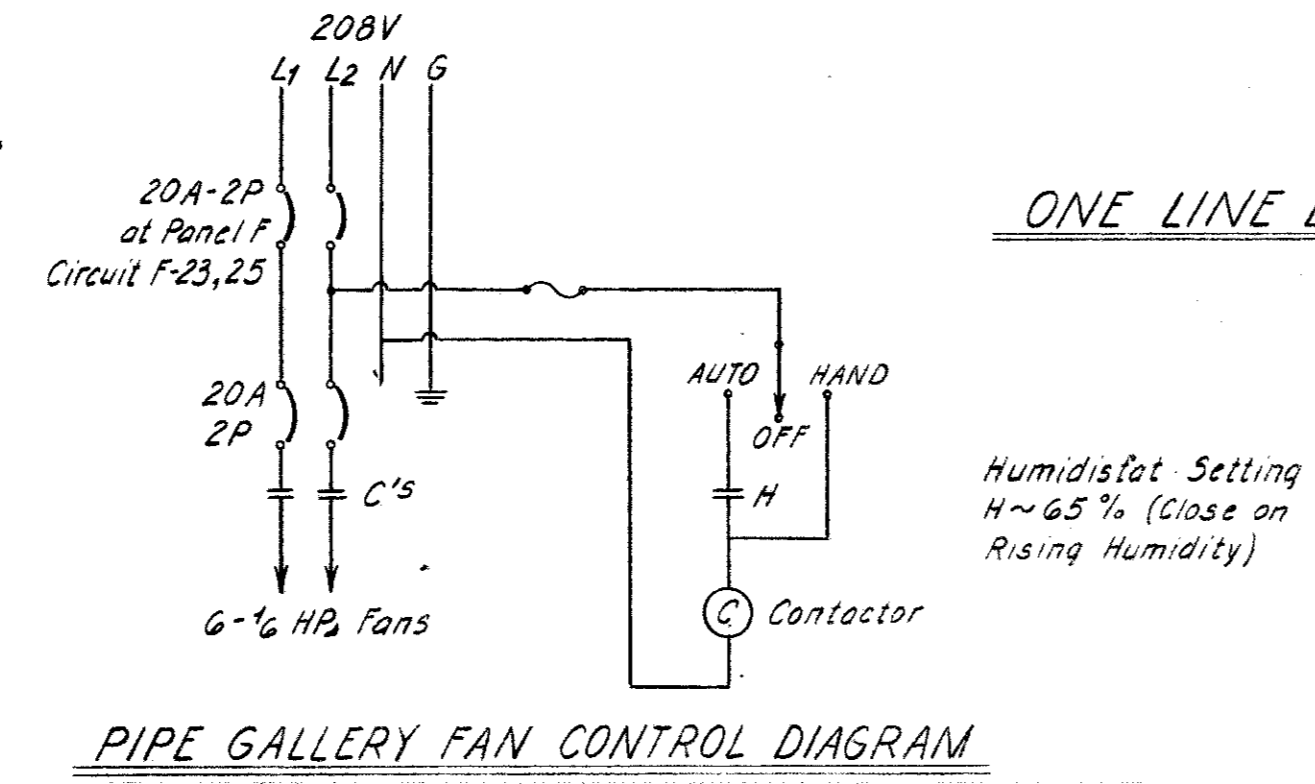
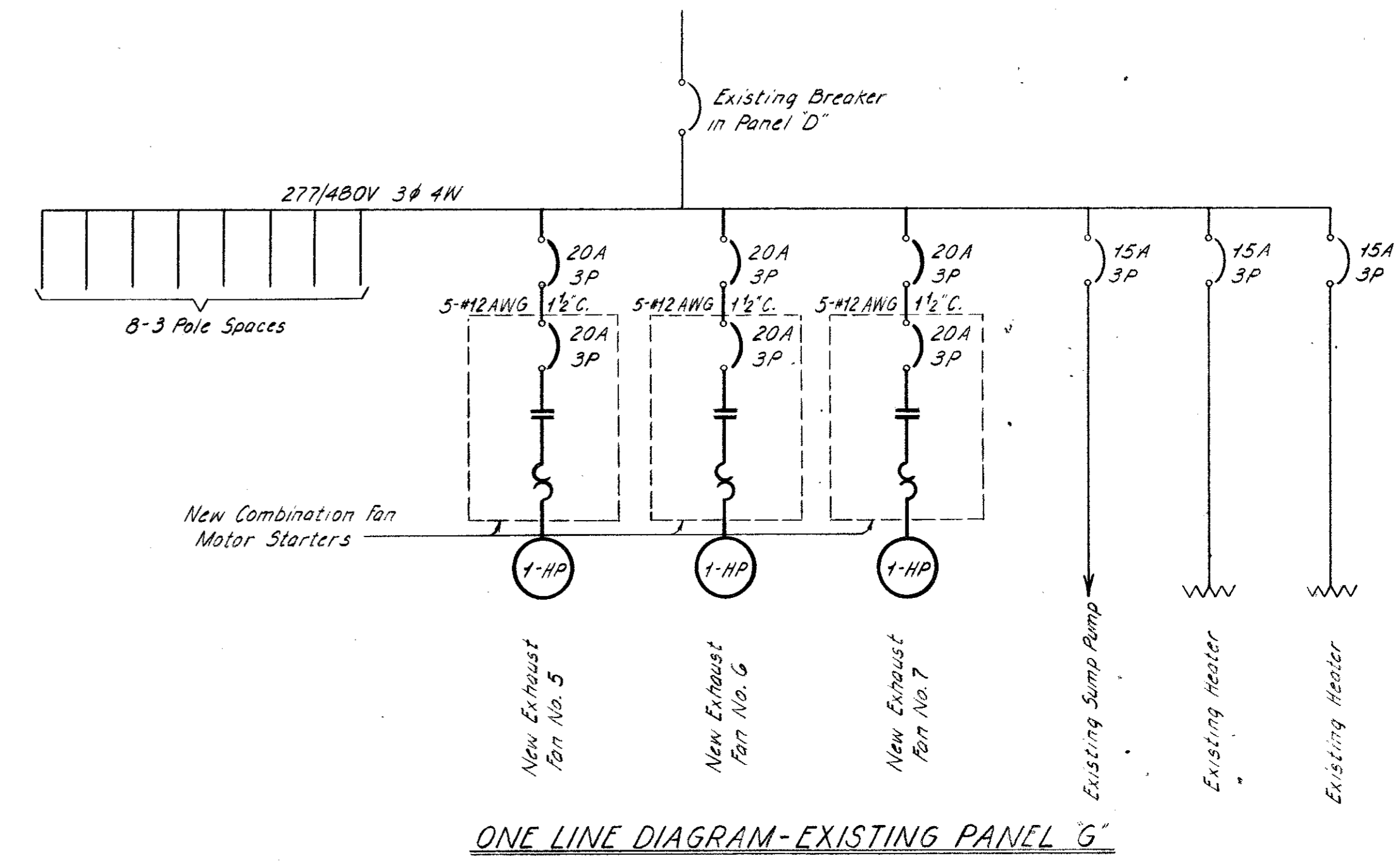
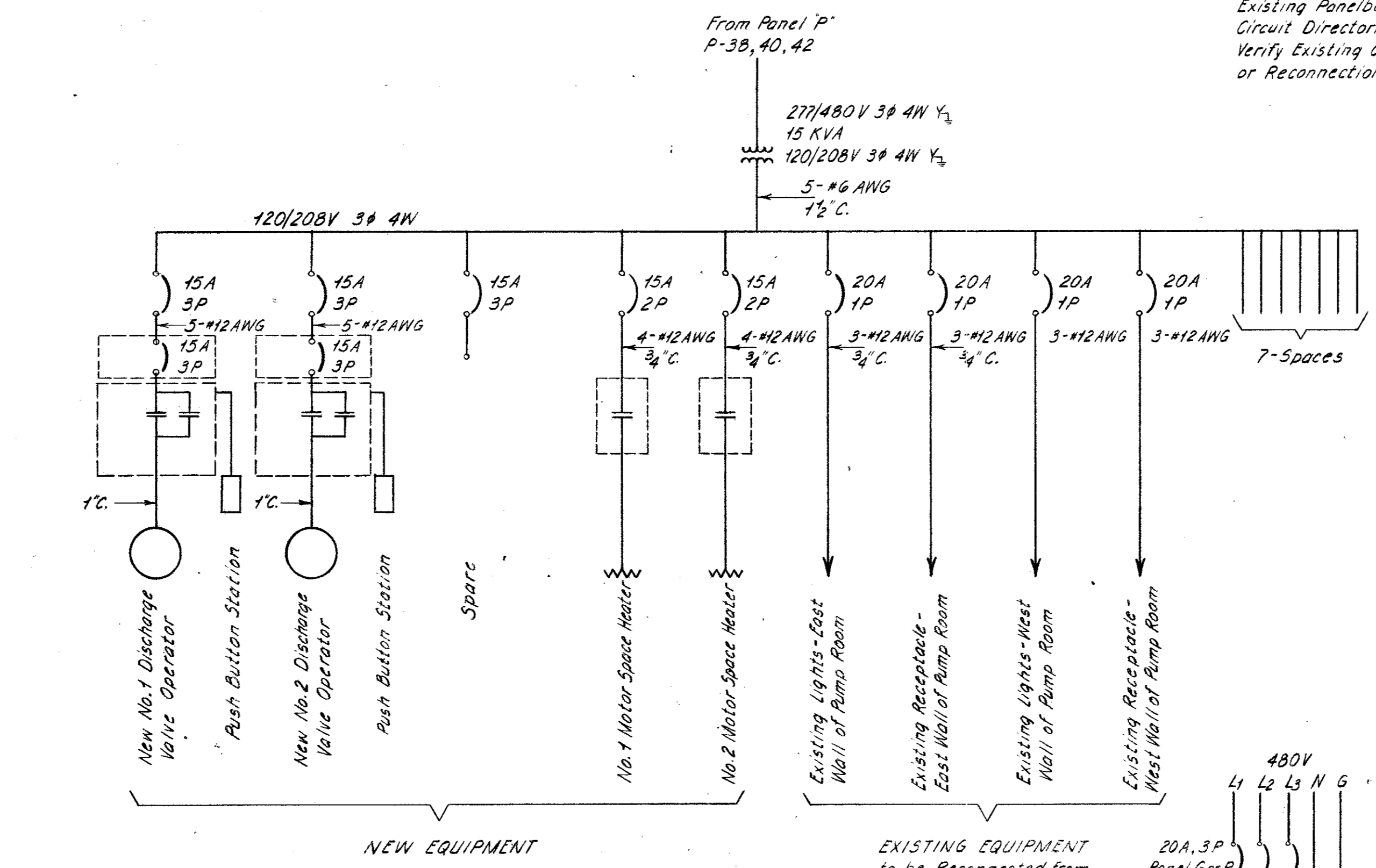


EXISTING PANEL "P" *					
VOLTAGE: 277/480V 3Ø 4W AMPERAGE: NEUTRAL (SOLID) X GROUND					
MAIN BREAKER: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SIZE:					
CKT. NO.	BKR. SIZE	DESCRIPTION	CKT. NO.	BKR. SIZE	DESCRIPTION
1		Existing Southwest 9KW Unit Heater	2		Existing Northwest 9KW Unit Heater
3			4		
5			6		
7	20A	Existing West Exhaust Fan (New Wires and Breaker) New Fan No. 3	8	20A	New No. 2 Exhaust Fan (1HP) (New Breaker)
9	3P		10	3P	
11			12		
13	20A	New No. 1 Exhaust Fan (1HP) (New Breaker)	14	20A	New No. 4 Exhaust Fan (1HP) (New Breaker)
15	3P		16	3P	
17			18		
19		Existing Sump Pump	20	30A	Existing 9KVA Transformer To Panel B 277V 1Ø 3W
21	15A		22	3P	
23	3P		24		
25	15A	Existing Discharge Valve No. 1 (To be Removed)	26	15A	Solenoid Valve
27	3P		28	3P	
29			30		
31	15A	Existing Discharge Valve No. 2 (To be Removed)	32	15A	Existing North End Exhaust Fan (To be moved to "G-4")
33	3P		34	3P	
35			36		
37			38	30A	New 15 KVA Transformer (New Panel B)
39	15A	Existing Discharge Valve No. 3	40	3P	
41	3P		42		
43			44	20A	Spare
45	15A	Existing Discharge Valve No. 4	46	3P	
47	3P		48		

NEW PANEL "B"					
VOLTAGE: 120/208V 3Ø 4W AMPERAGE: 225A NEUTRAL (SOLID) ✓ GROUND					
MAIN BREAKER: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SIZE:					
CKT. NO.	BKR. SIZE	DESCRIPTION	CKT. NO.	BKR. SIZE	DESCRIPTION
1		New Discharge Valve Operator No. 1	2	15A	New Discharge Valve Operator No. 2
3	15A		4	3P	
5	3P		6		
7	15A	No. 1 Motor Space Heater	8	15A	New Surge Valve Operator
9	2P		10	3P	
11			12		
13	15A	No. 2 Motor Space Heater	14	20A	East Lights - Relocate from Existing Panel "B"
15	2P		16	1P	
17	20A	West Lights - Relocate from Existing Panel "B"	18	20A	East Receptacles - Relocate from Existing Panel "B"
19	1P		20		
21		Spaces	22		Spaces
23			24		



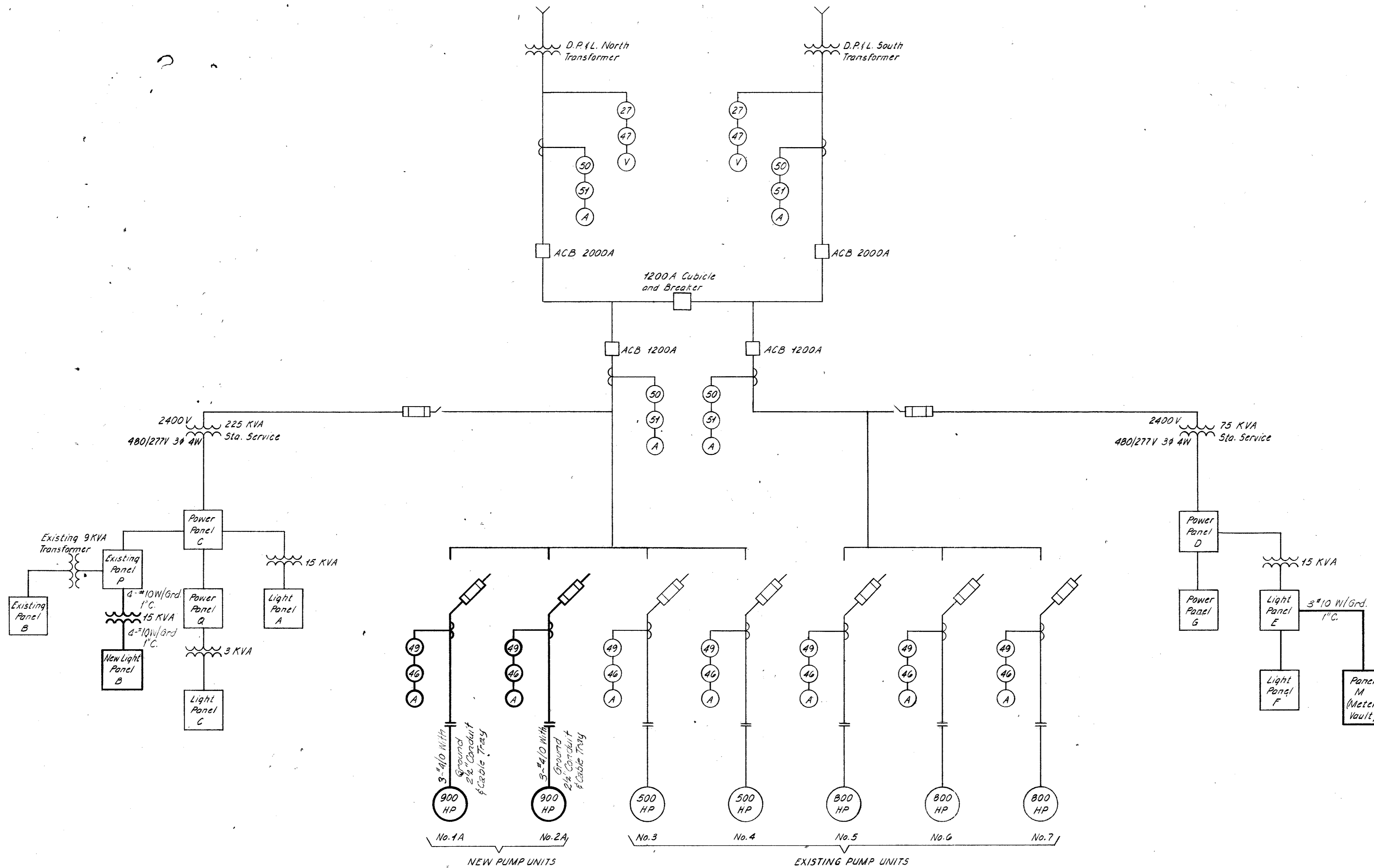
EXISTING PANEL "G" *					
VOLTAGE: 277/480V 3Ø 4W AMPERAGE: NEUTRAL (SOLID) X GROUND					
MAIN BREAKER: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SIZE:					
CKT. NO.	BKR. SIZE	DESCRIPTION	CKT. NO.	BKR. SIZE	DESCRIPTION
1		BLANK	2		BLANK
3			4		
5			6		
7		BLANK	8		BLANK
9			10		
11			12		
13		BLANK	14		BLANK
15			16		
17			18		
19		BLANK	20		BLANK
21			22		
23			24		
6	15A 3P	Exhaust Fan No. 5 (New Breaker)	5	15A 3P	Exhaust Fan No. 6 (New Breaker)
1	15A 3P	Existing Sump Pump	4	15A 3P	Exhaust Fan No. 7 (New Breaker)
2	20A 3P	Existing Heater	3	20A 3P	Existing Heater



DATE	REVISION	BY
<b>ELECTRICAL DIAGRAMS AND SCHEDULES</b>		
<b>PUMPS 1A &amp; 2A</b>		
<b>BELTWOOD PUMP STATION</b>		
DALLAS WATER UTILITIES		
CITY OF DALLAS, TEXAS		
DESIGN	ACP	CONTRACT NO.
DRAWN	RME	81-7
TRACED		FILE NO.
CHECKED		640Q-700B
DATE	Dec. 1980	SHEET NO.
		18
		20



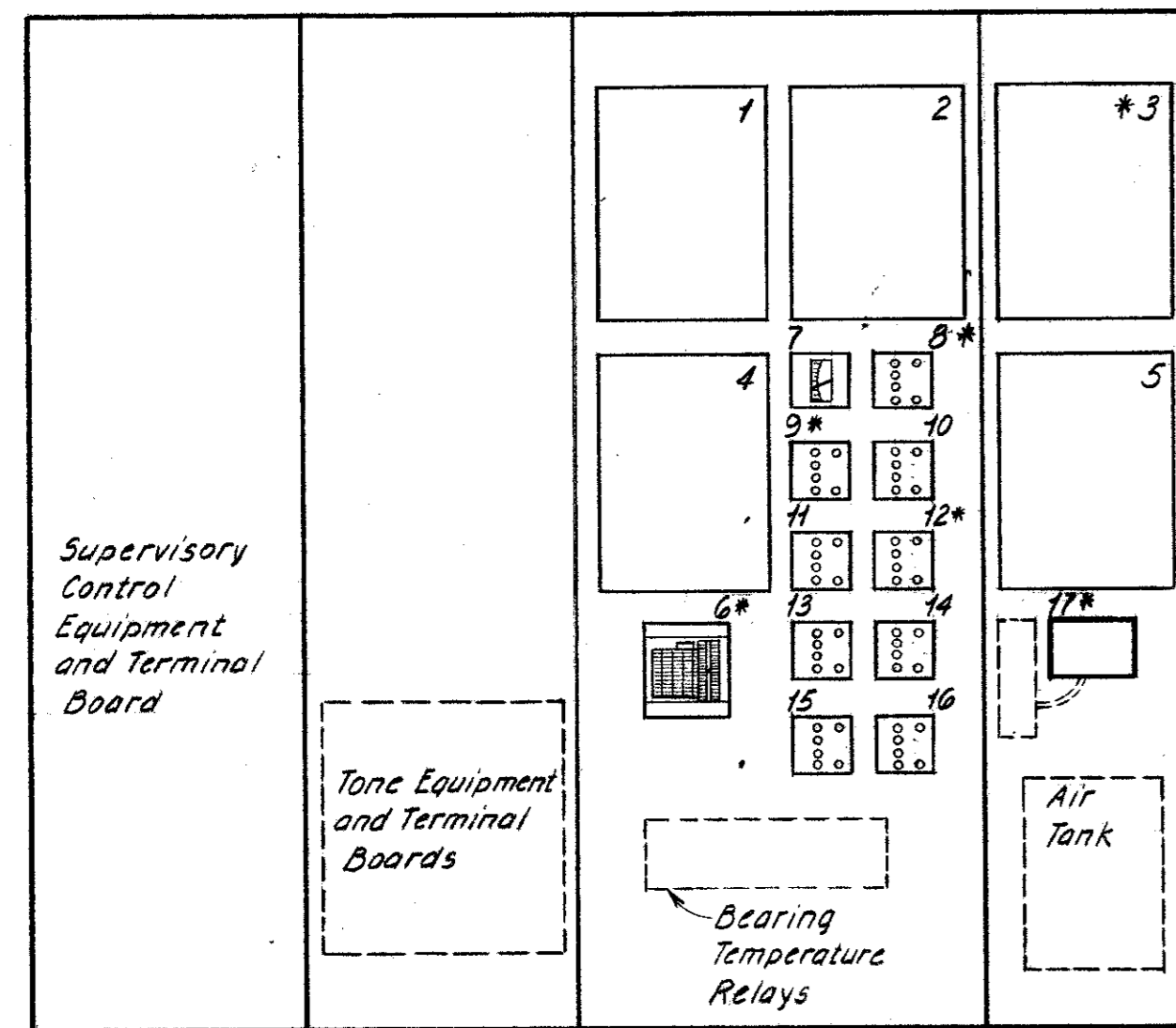




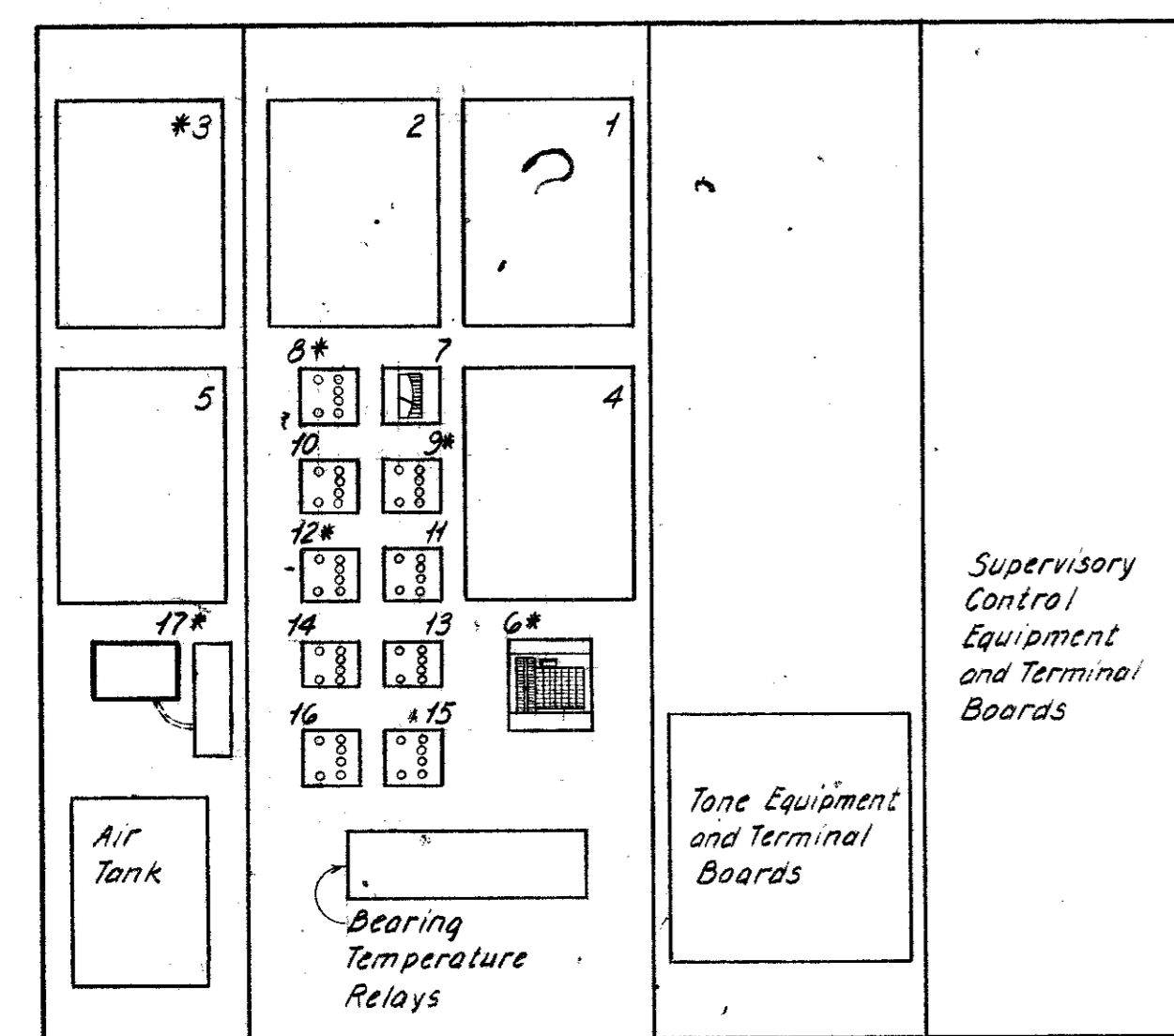
2400V STATION ONE-LINE DIAGRAM



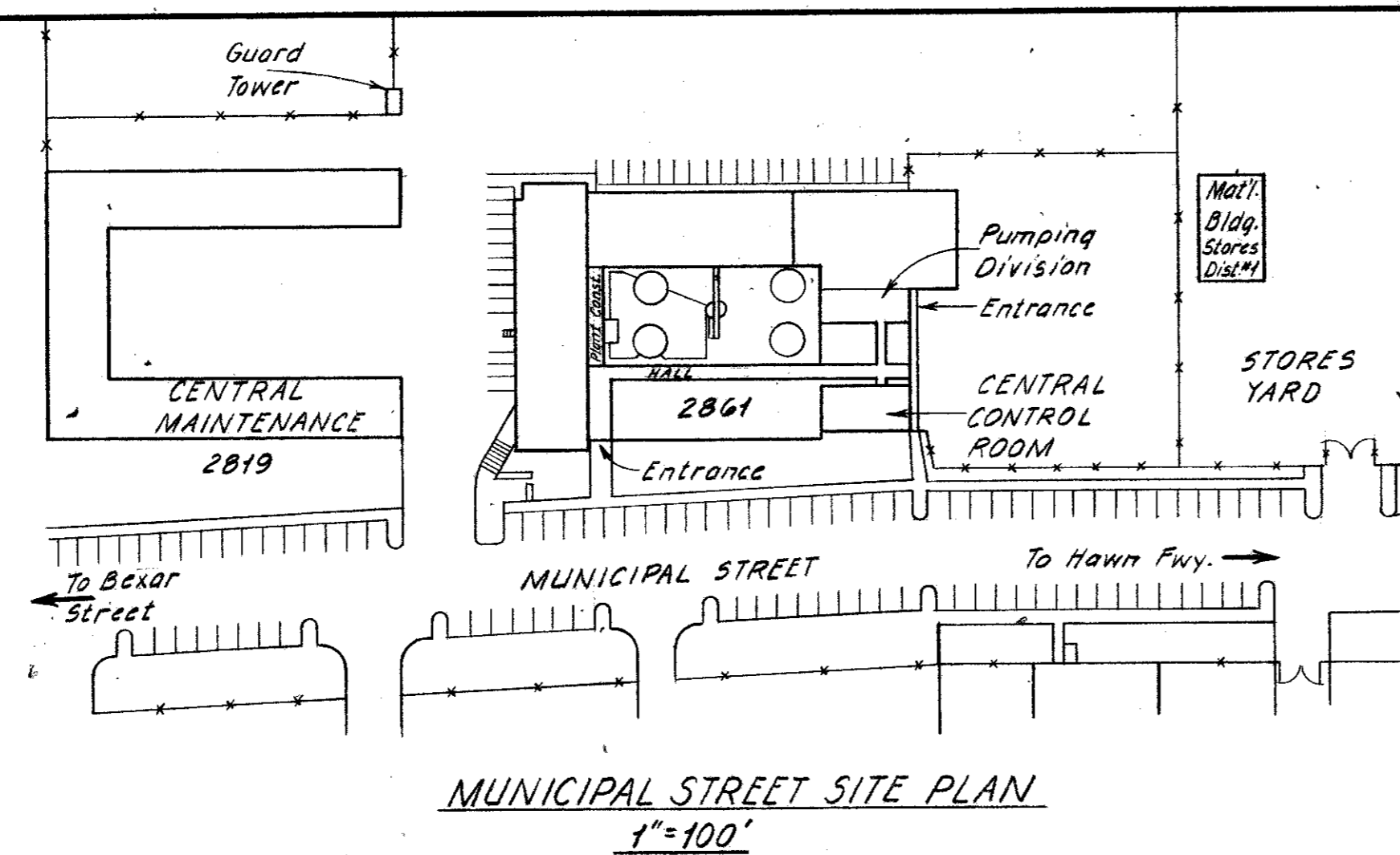
DATE	REVISION	BY
<b>2400V ONE LINE DIAGRAM</b>		
<b>PUMPS 1A &amp; 2A</b>		
<b>BELTWOOD PUMP STATION</b>		
<b>DALLAS WATER UTILITIES</b>		
<b>CITY OF DALLAS, TEXAS</b>		
DESIGN	ACP	CONTRACT NO.
DRAWN	BK RME	81-7
TRACED		FILE NO.
CHECKED		640Q-700B
DATE	DEC. 1980	SHEET NO.
		19
		20



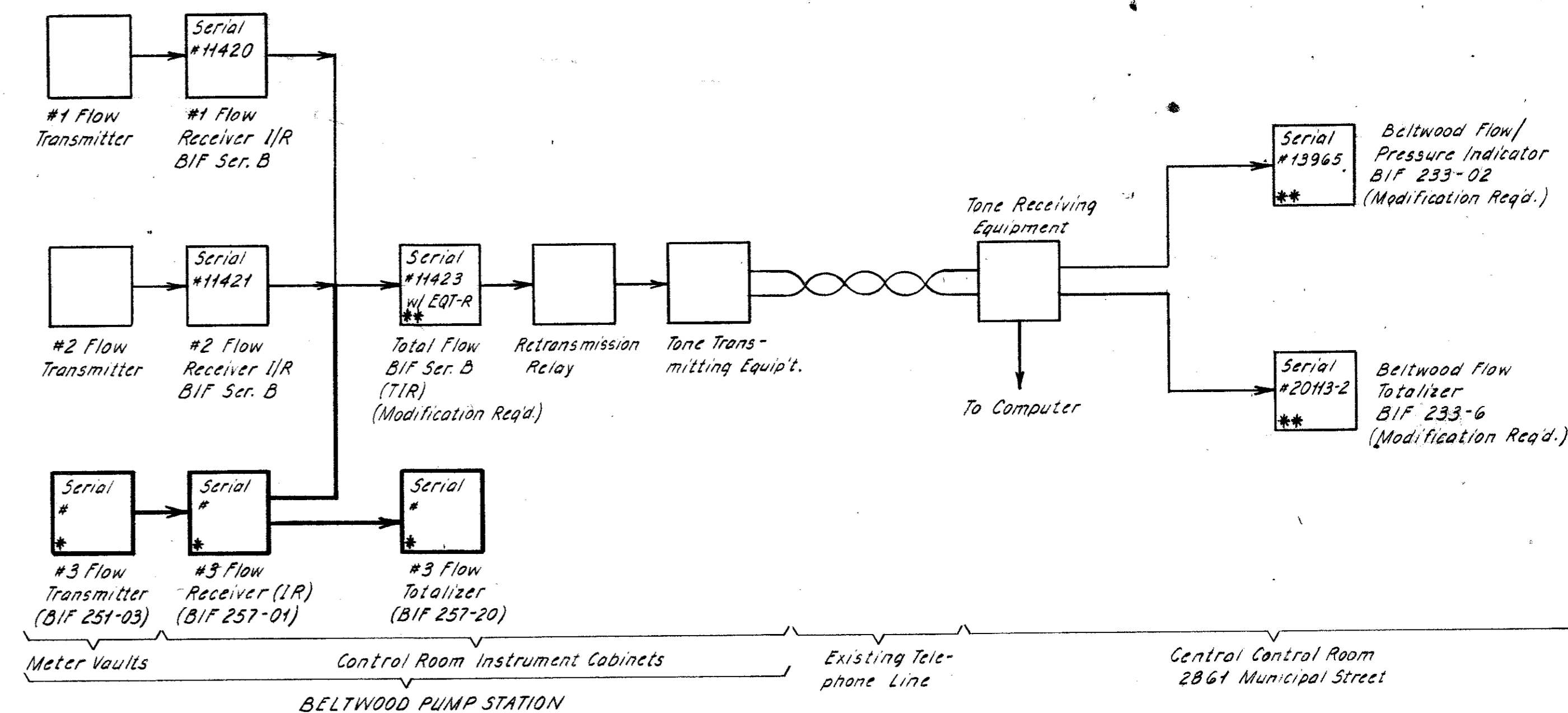
FRONT ELEVATION



REAR ELEVATION  
(Doors Removed)

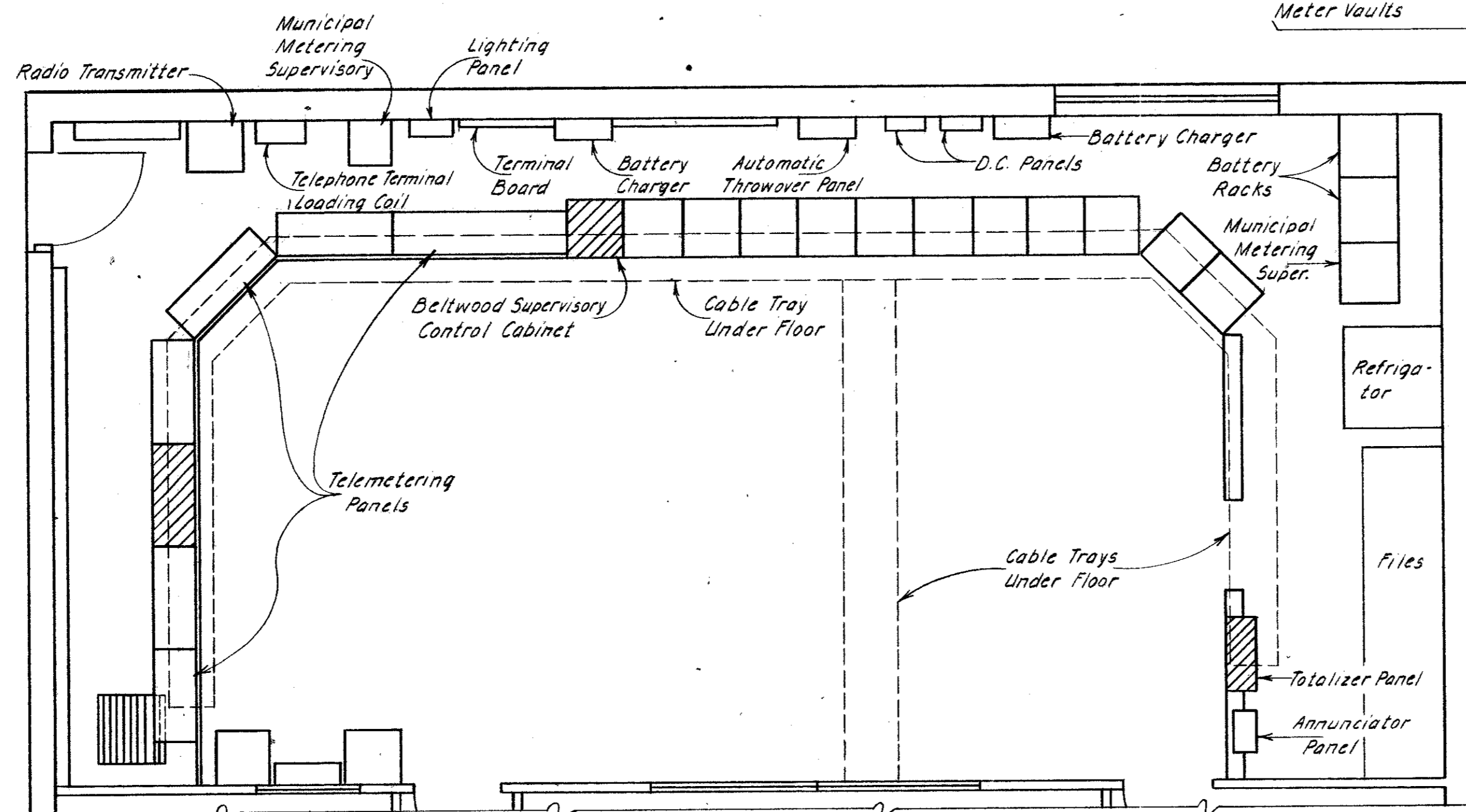


MUNICIPAL STREET SITE PLAN  
1"=100'



INSTRUMENTATION FLOW DIAGRAM

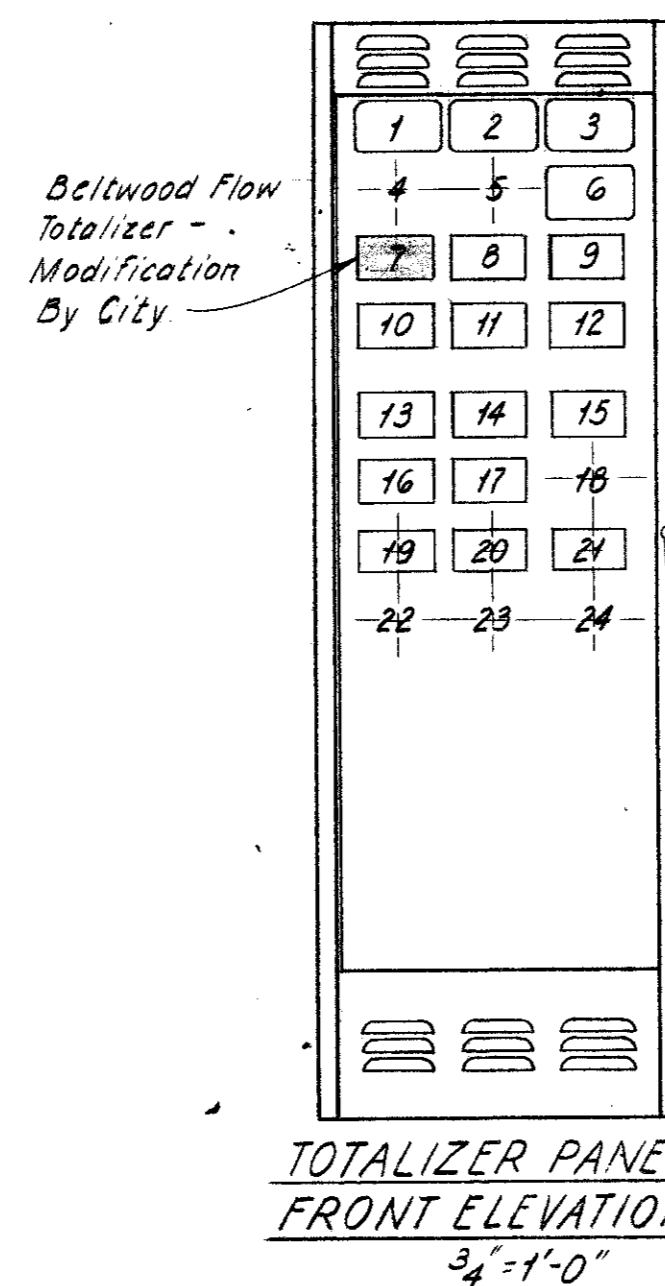
\* Furnished by City - Installed by Contractor  
\*\* Furnished and Modified by City



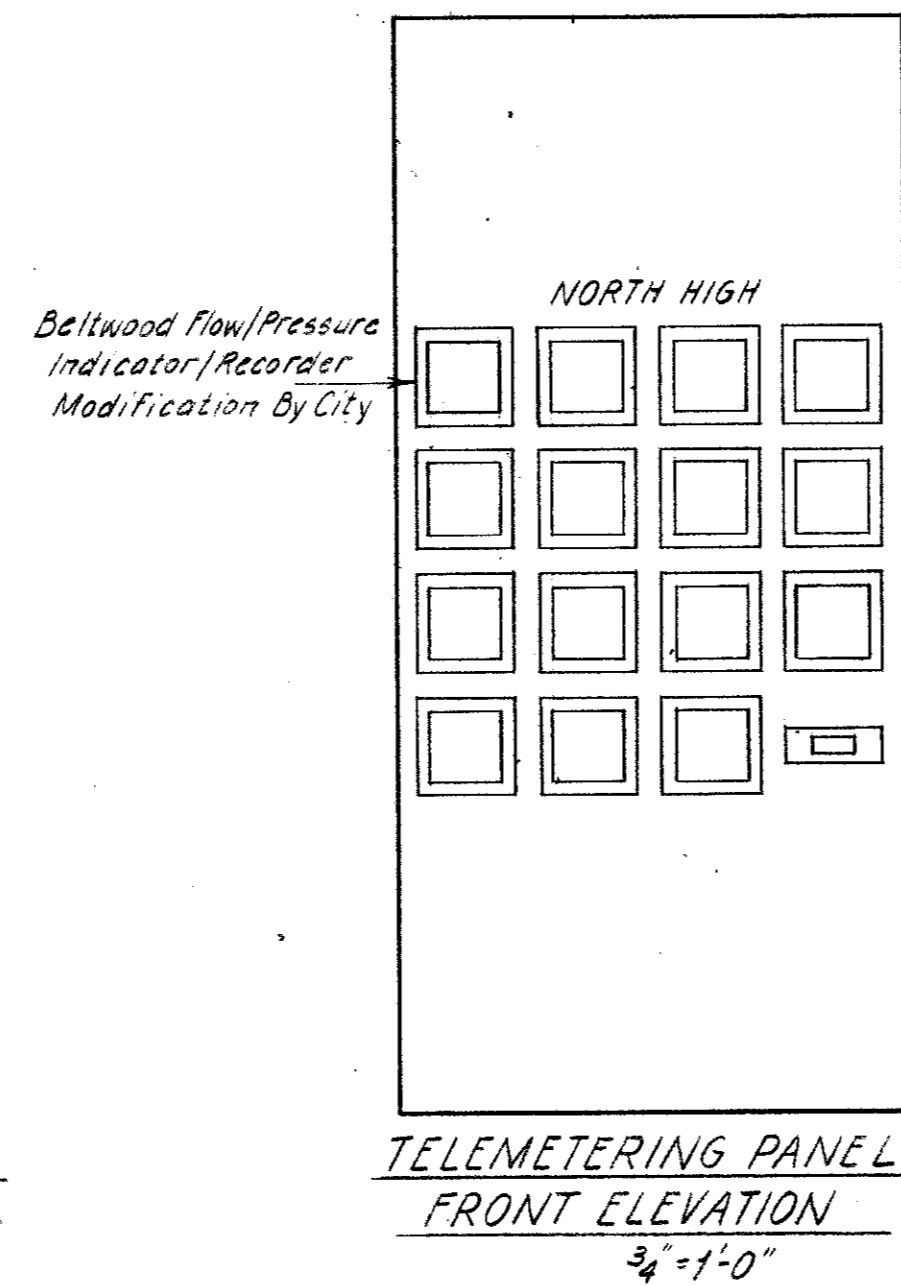
CENTRAL CONTROL ROOM PLAN  
1/4"=1'-0"

- 1. Flow 1 - Indicator/Recorder
- 2. Flow 2 - Indicator/Recorder
- \*3. Total Flow - Indicator/Recorder - Modification Required - By City.
- 4. Reservoir Level - Indicator/Recorder
- 5. Pressure - Indicator/Recorder
- \*6. Flow 3 - Indicator/Recorder. Install This Contract.
- 7. Bearing Temperature Indicator
- \*8. No. 1 Pump Temperature Monitor. Remove and Return to Engineer. Cover Hole with Blank Plate.
- \*9. No. 2 Pump Temperature Monitor. Remove and Return to Engineer. Cover Hole with Blank Plate.
- 10. No. 3 Pump Temperature Monitor.
- 11. No. 4 Pump Temperature Monitor.
- \*12. Pump No. 1, 2, 3, 4 Thrust Bearing Temperature Monitor. Disconnect Pump No. 1 and 2.
- 13. No. 5 Pump Temperature Monitor.
- 14. No. 6 Pump Temperature Monitor.
- 15. No. 7 Pump Temperature Monitor.
- 16. Pump No. 5, 6, 7 Thrust Bearing Temperature Monitor.
- \*17. Flow 3 - Totalizer - Install This Contract.

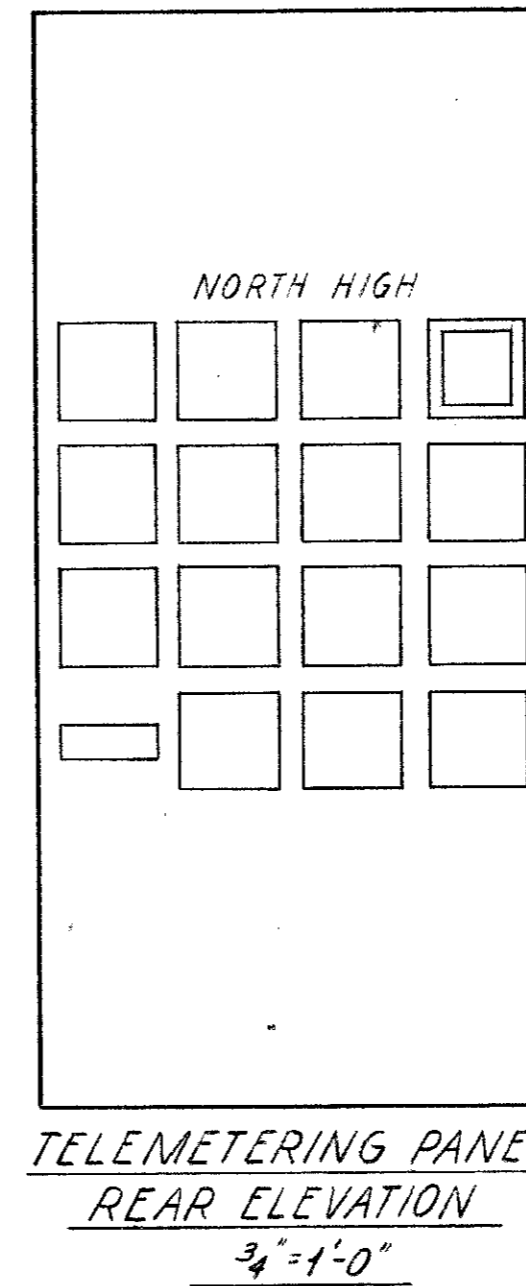
BELTWOOD CONTROL PANELS  
3/4"=1'-0"



TOTALIZER PANEL  
FRONT ELEVATION  
3/4"=1'-0"



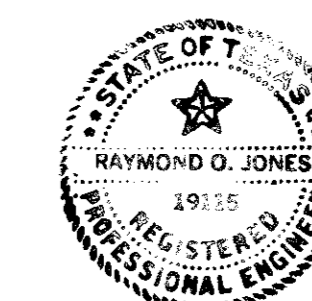
TELEMETERING PANEL  
FRONT ELEVATION  
3/4"=1'-0"



TELEMETERING PANEL  
REAR ELEVATION  
3/4"=1'-0"

CONTROL ROOM PLANS AND ELEVATIONS

Existing Device    Modified Device



DATE	REVISION	BY
<b>INSTRUMENTATION PLANS, ELEVATIONS AND DIAGRAMS PUMPS 1A &amp; 2A BELTWOOD PUMP STATION DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS</b>		
DESIGN	ACP	CONTRACT NO. 81-7
DRAWN	RME	FILE NO. 640Q-700B
CHECKED		SHEET NO. 20
DATE	Jan '81	OF 20