

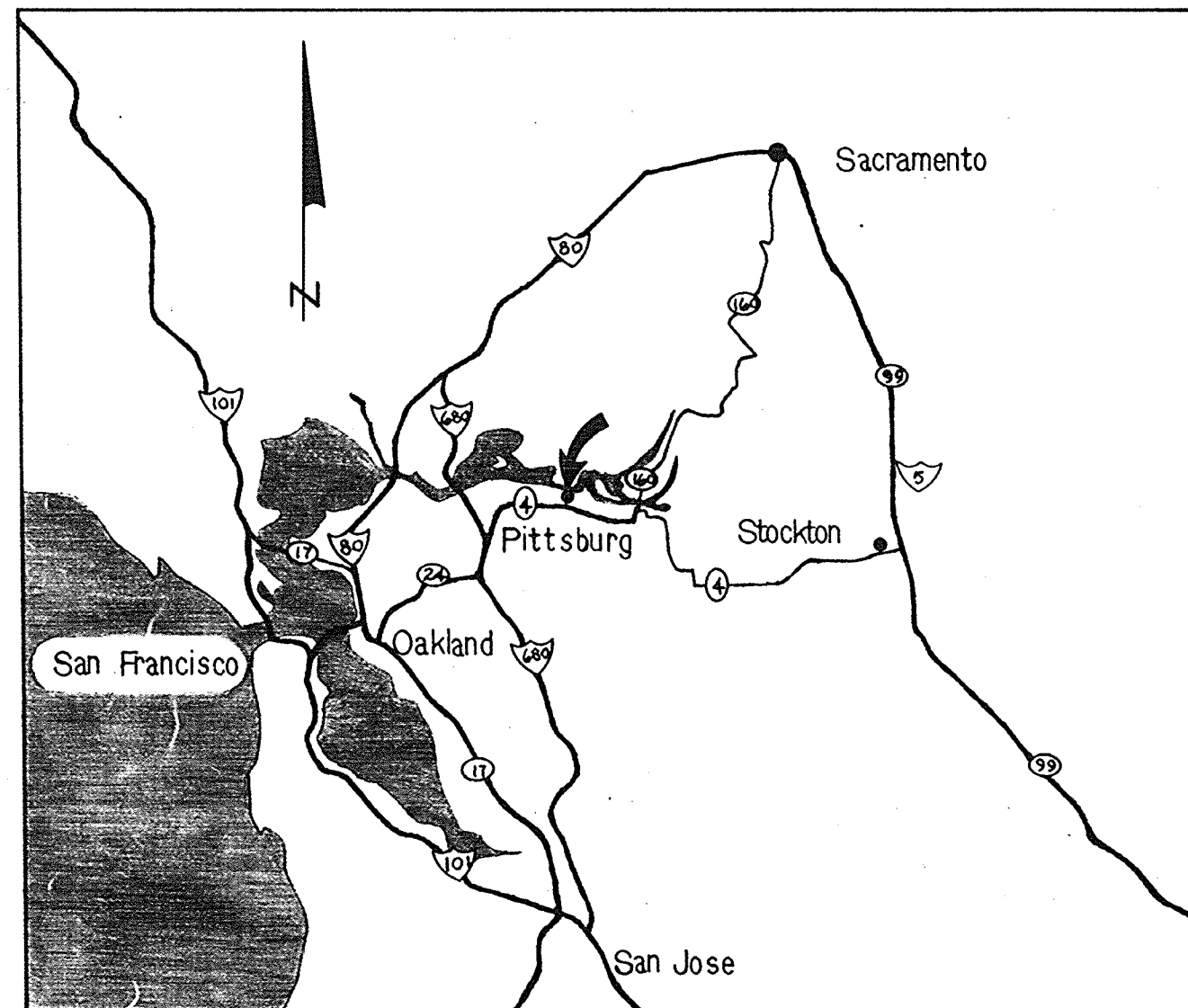
CITY OF PITTSBURG

ENGINEERING DIVISION

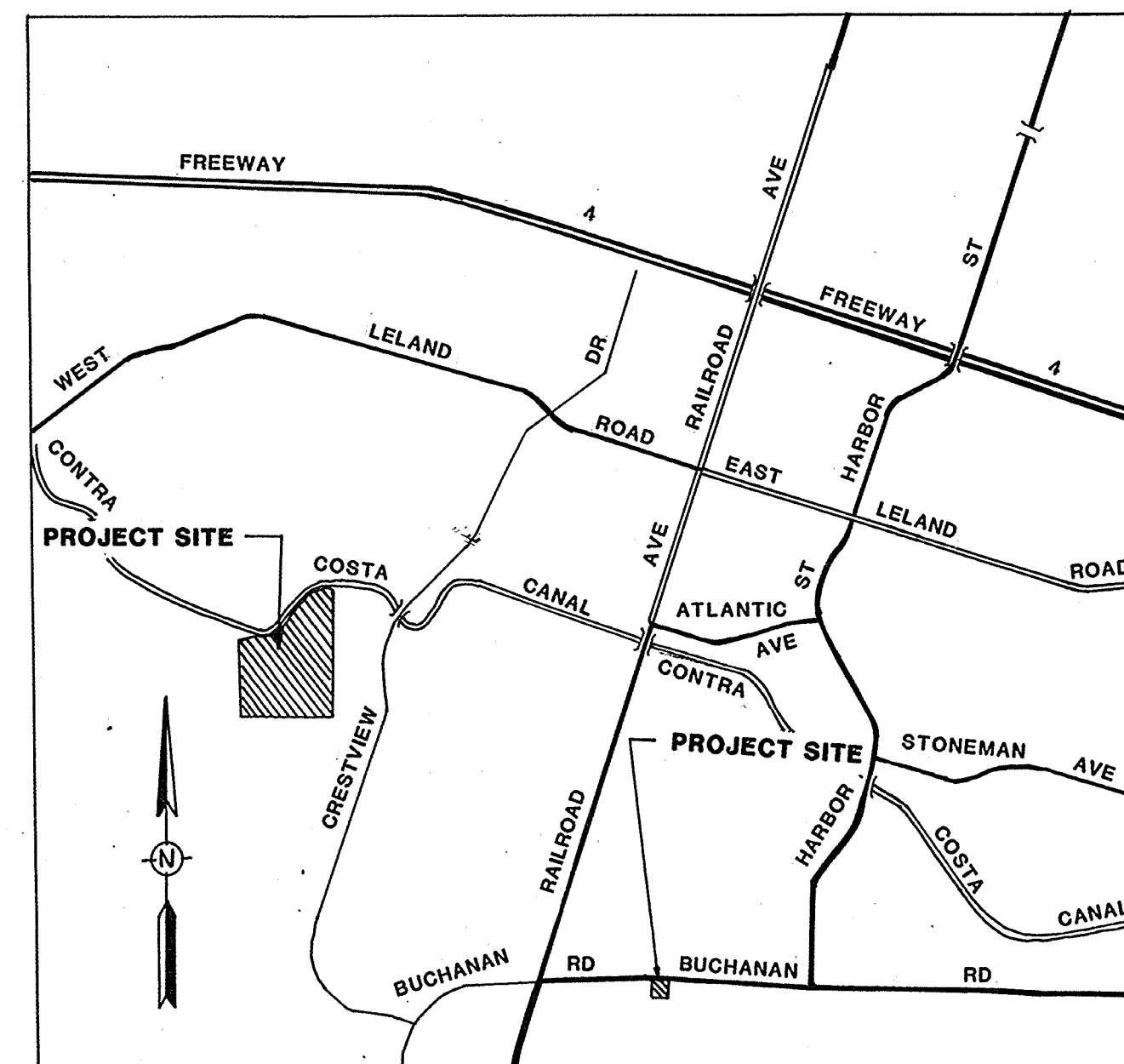
WATER TREATMENT PLANT &

BUCHANAN PUMP STATION PUMPS

CONTRACT NO. 86-11



LOCATION MAP
SCALE 1" = 20 MI
SCALE 0 20 40 MILES



VICINITY MAP
SCALE 1" = 1600'
SCALE 0 1600 3200 FEET

SHEET INDEX

SHEET 1	TITLE SHEET
SHEET 2	WATER TREATMENT PLANT
SHEET 3	" " "
SHEET 4	" " "
SHEET 5	BUCHANAN PUMP STATION PUMPS
SHEET 6	" " "

PITTSBURG CITY COUNCIL

MAYOR
VICE MAYOR
COUNCIL MEMBERS

TAYLOR DAVIS
RONALD CURRIE
RICHARD LETTMAN
MARALYN ERICKSON
NANCY PARENT

CITY MANAGER
CITY CLERK
COMMUNITY DEVELOPMENT
DIRECTOR-CITY ENGINEER
CONSTRUCTION MANAGER
DESIGN ENGINEER

S. ANTHONY DONATO
MARY ERBEZ
RON LEFLER
GEORGE MONOSTORY
LARRY LACKIE

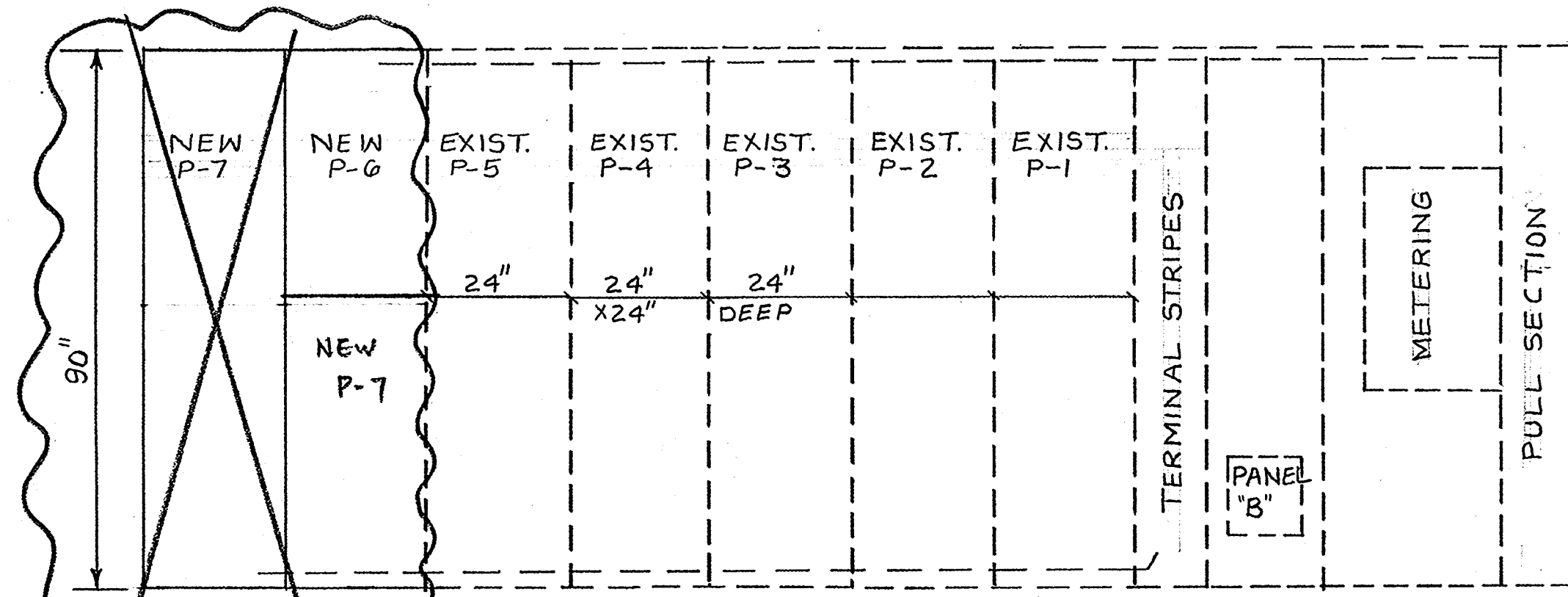
AS BUILT
Wm. Stief 2-4-88

65 CIVIC AVENUE (415) 439-4917

APPROVED BY:

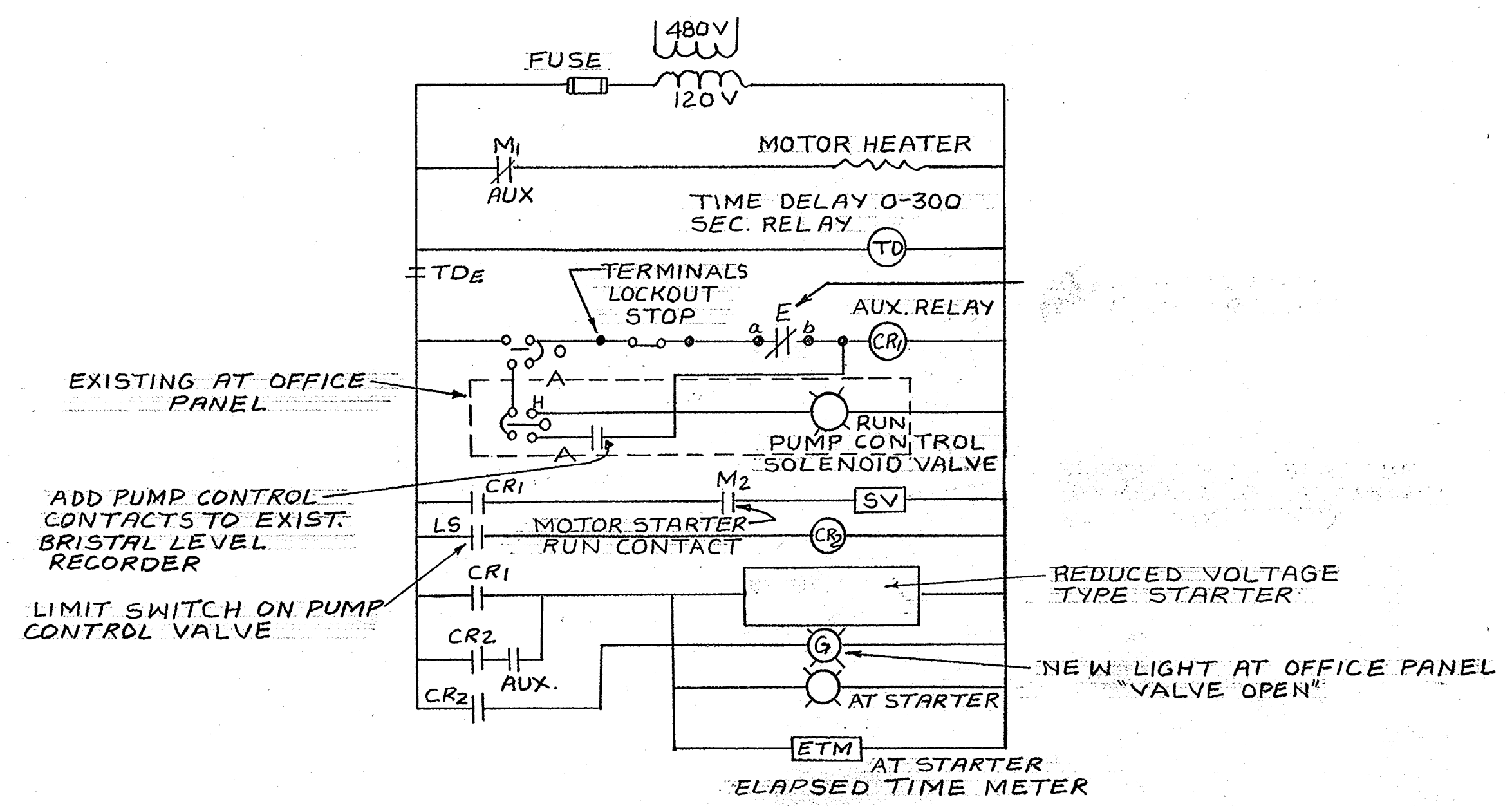
RON LEFLER
CITY ENGINEER

DATE 6-13-86
R.C.E. # 22390
PITTSBURG, CALIFORNIA

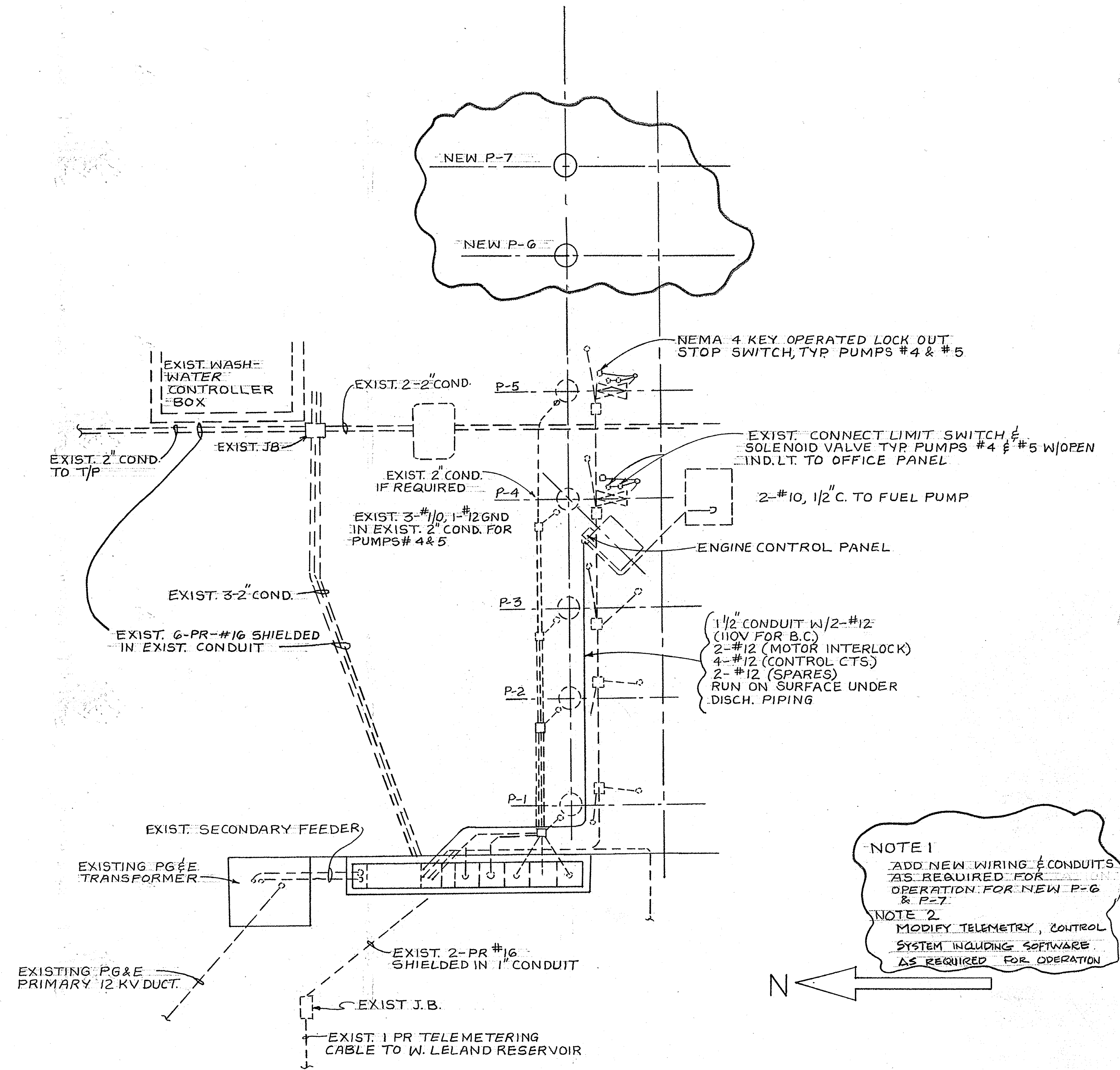


ADD TWO NEW PUMP PANELS. INTERWIRE PUMP CONTROLS AS REQUIRED. LOCATION TO BE DESIGNED BY CONTRACTOR.

PUMP STATION PANEL
1/2" = 1'-0"



PUMP CONTROL SCHEMATIC FOR PUMP NO. 6 & NO. 7
NOT TO SCALE



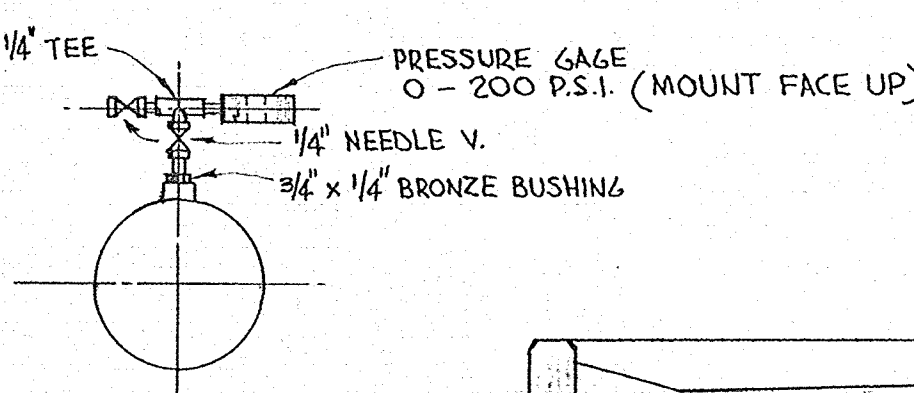
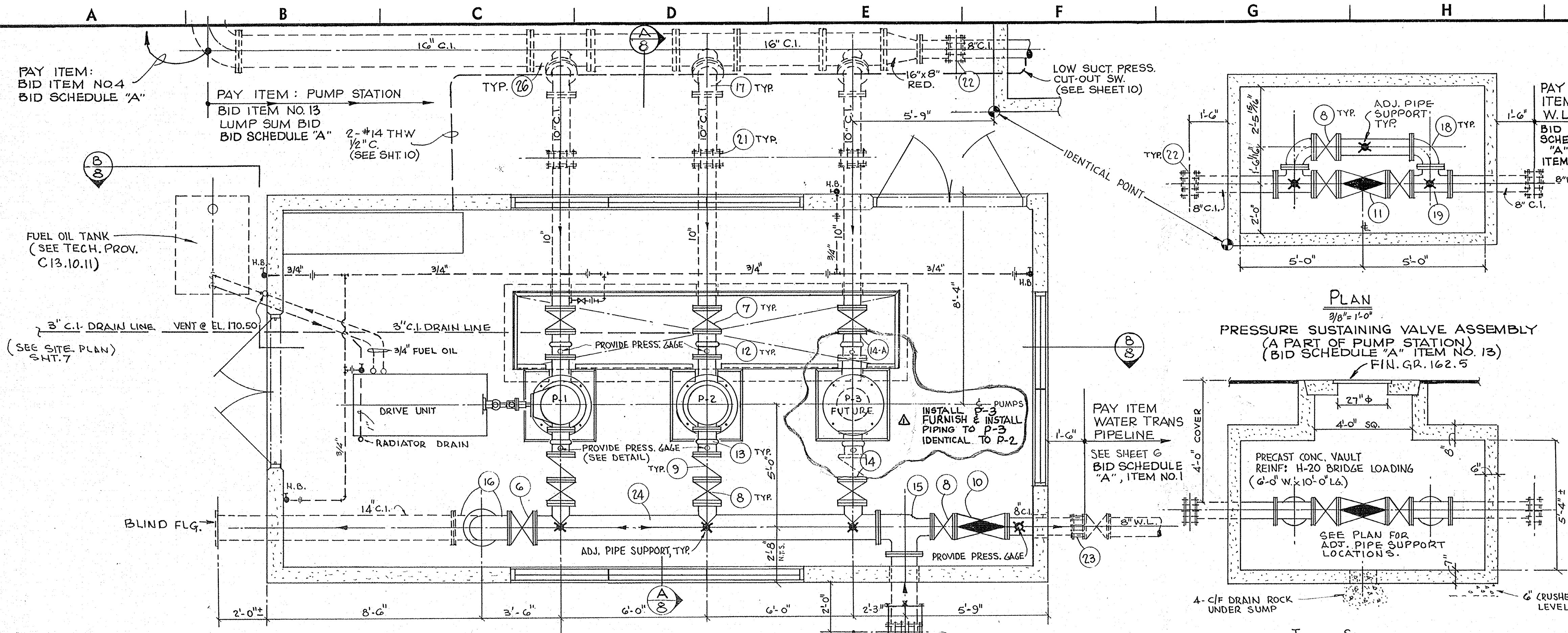
PUMP STATION CONTROL PLAN
1" = 5'-0"

NOTE 1
ADD NEW WIRING & CONDUITS AS REQUIRED FOR OPERATION FOR NEW P-6 & P-7.

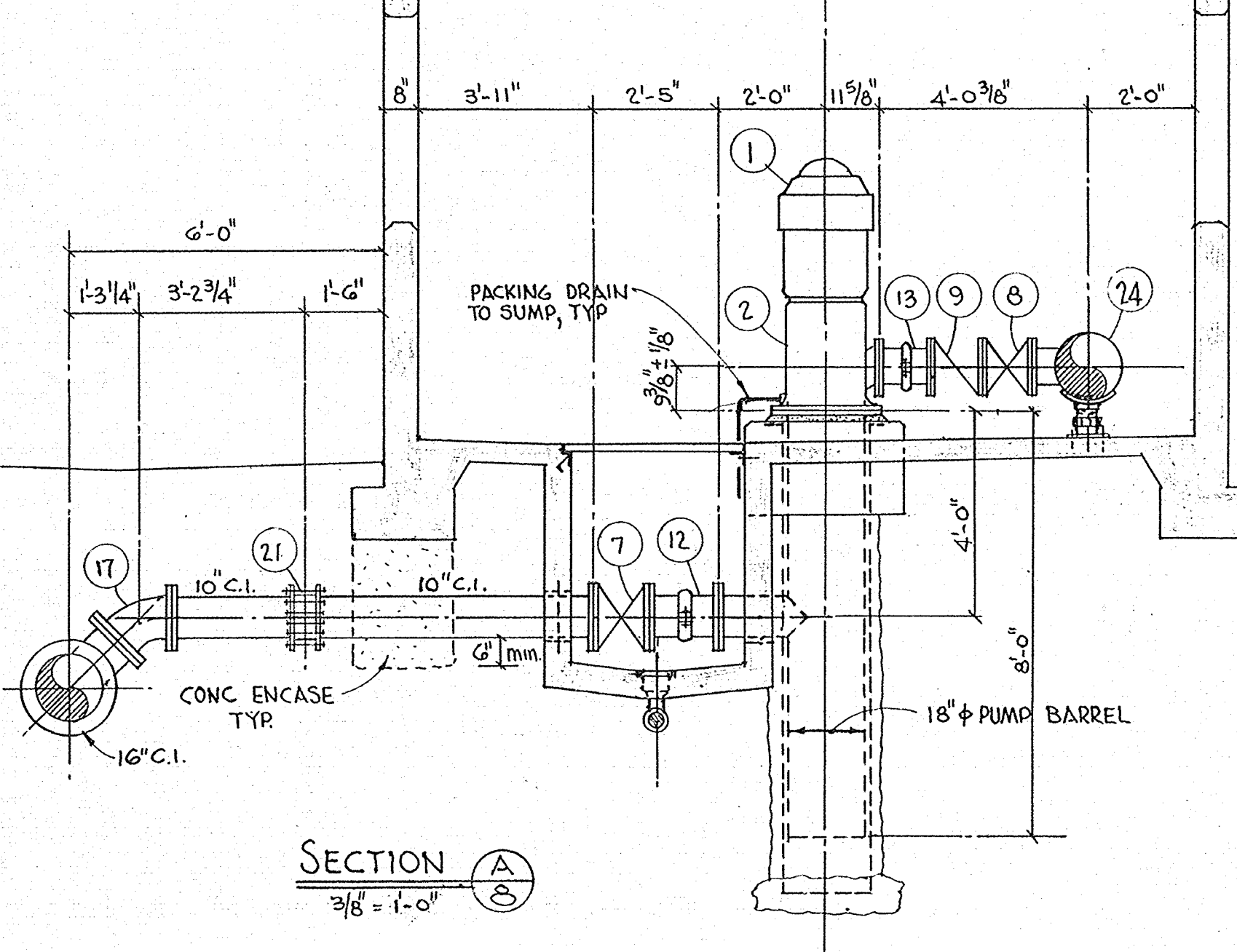
NOTE 2
MODIFY TELEMETRY CONTROL SYSTEM INCLUDING SOFTWARE AS REQUIRED FOR OPERATION.

AS BUILT
Dana Shroy 2/2/88

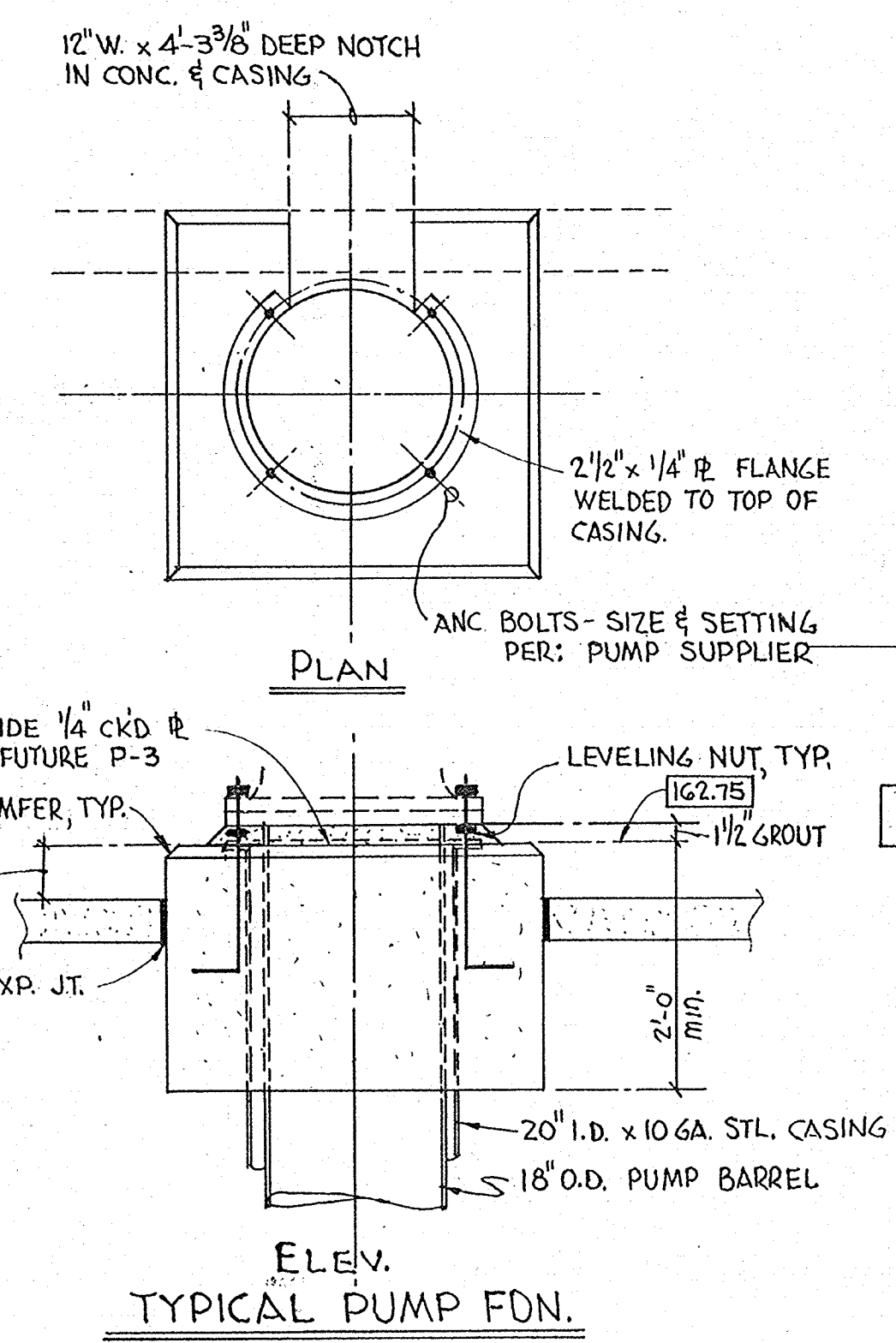
No.	Date	By	Revision	Designed by	Scale	CITY OF PITTSBURG	
				GEORGE CHUN	AS SHOWN	WATER TREATMENT PLANT	
				Drawn by AJAY	Project No. 86-11		
				Checked by	Date		
				Reviewed by	6-13-86		
ADDITION OF PUMPS #6 & #7				<i>John Mcmaster</i>		File No.	Sh 4 of 6



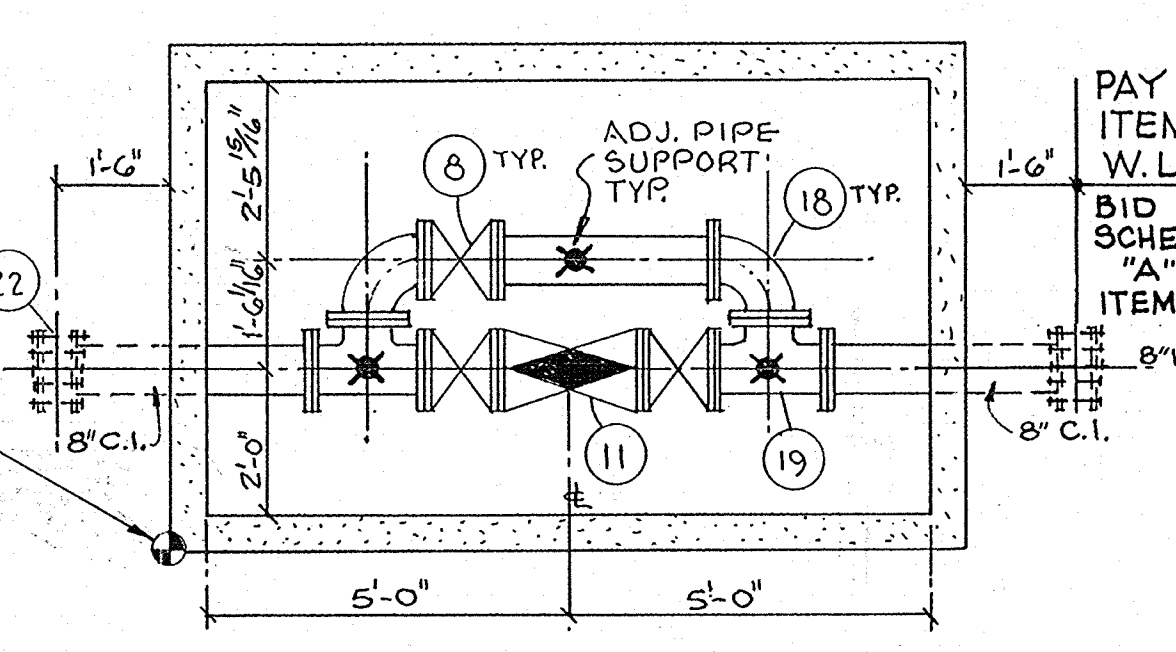
TYP. PRESSURE GAGE
N.S.



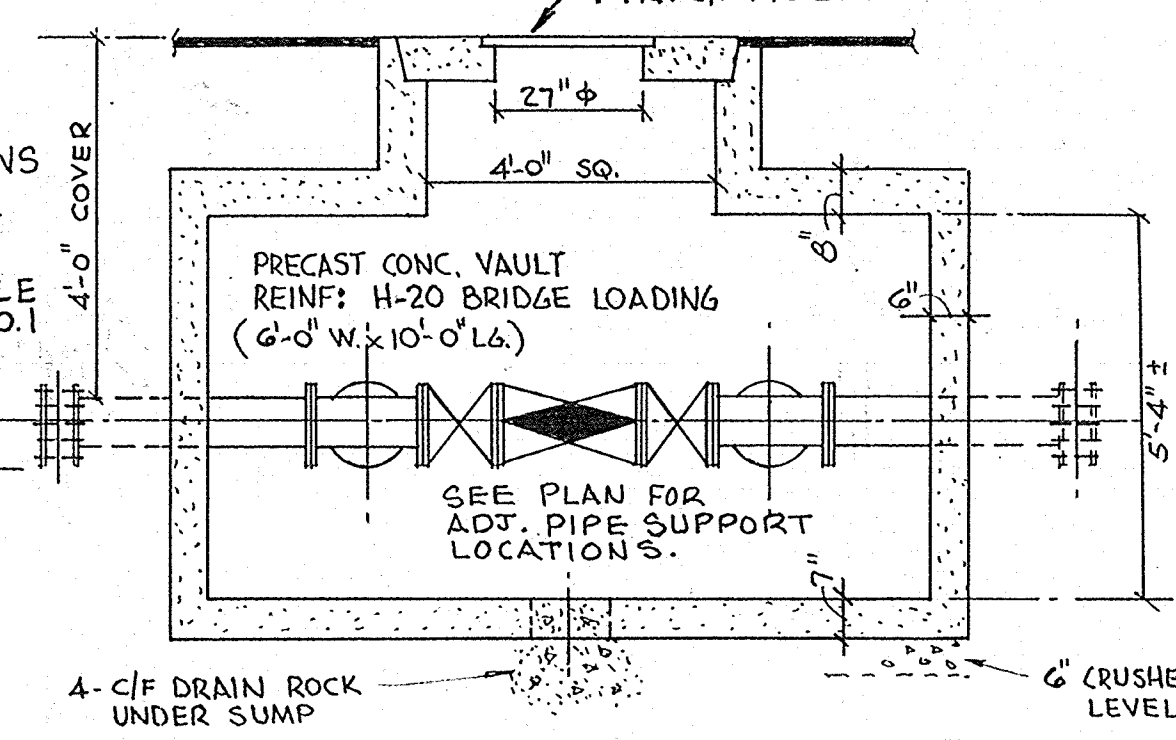
SECTION A-A
3/8" = 1'-0"



ELEV. TYPICAL PUMP FON.



PLAN
3/8" x 1'-0"
PRESSURE SUSTAINING VALVE ASSEMBLY
(A PART OF PUMP STATION)
(BID SCHEDULE "A" ITEM NO. 13)
FIN. GR. 162.5

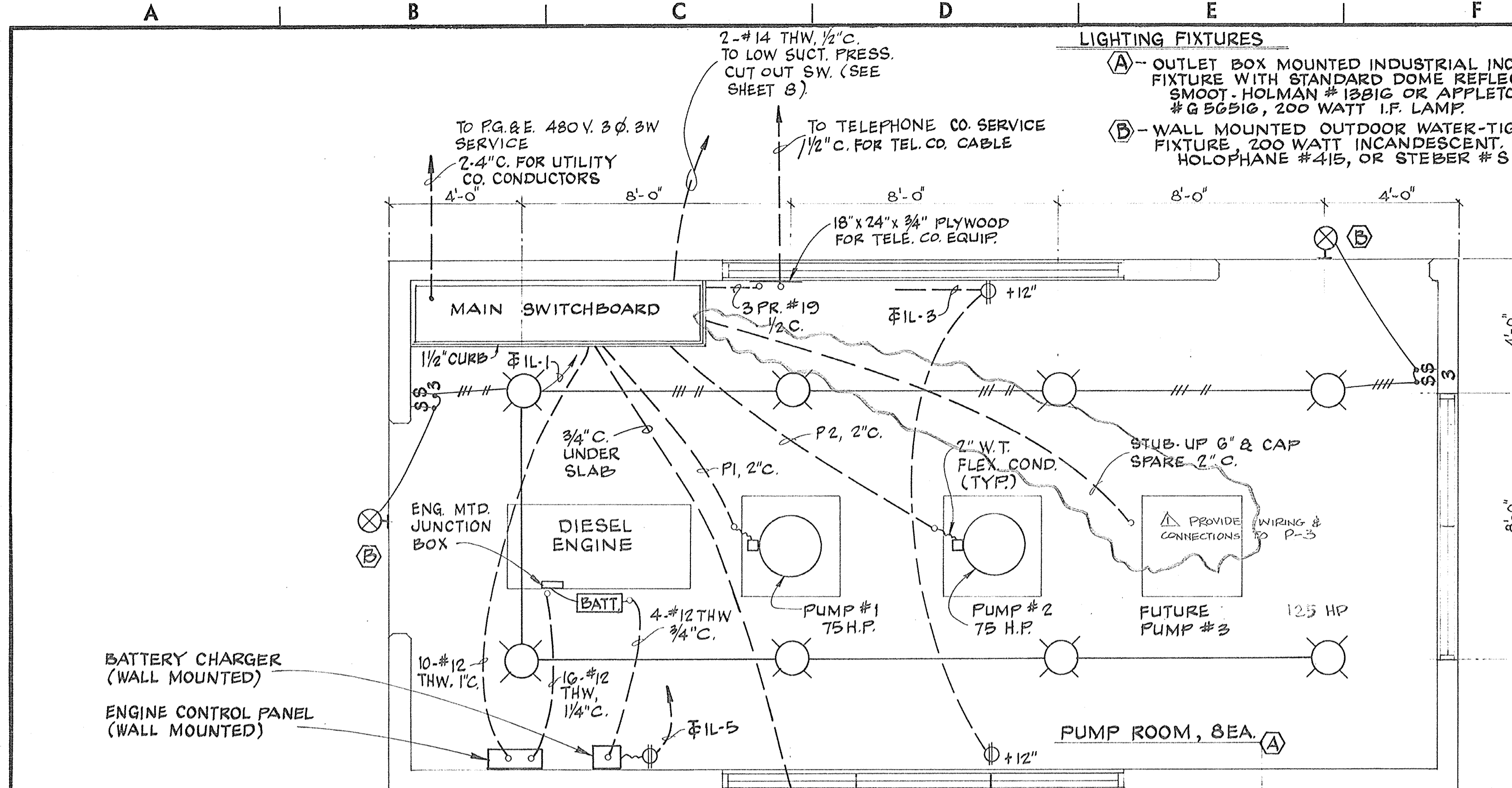


THRU-SECTION
3/8" = 1'-0"

LEGEND		
MARK	DESCRIPTION	REMARKS
(1)	ELECTRIC MOTOR: H.V.S., 75HP @ 1800 R.P.M.	SEE SPEC'S.
(2)	VERTICAL TURBINE PUMP	" "
(3)	COMBINATION RIGHT-ANGLE GEAR DRIVE	" "
(4)	DIESEL DRIVE UNIT 75 H.P	" "
(5)	RESIDENTIAL TYPE MUFFLER	" "
(6)	14" 125# FLG'D. GATE VALVE, O.S.#Y.	" "
(7)	10" " " " " " " " "	" "
(8)	8" " " " " " " " "	" "
(9)	8" " " SILENT CHECK VALVE	" "
(10)	8" " " PRESSURE REDUCING VALVE	" "
(11)	8" " " SUSTAINING & CHECK VALVE	N.I.C.
(12)	10" VICTAULIC COUPLING, STYLE #77, OR EQUAL, PROVIDE 3/4" 3000#FS. 1/2 COUP.	" "
(13)	8" " " " " " " " "	" "
(14)	8" 150# BLIND FLG.	" "
(14A)	10" " " " " " " " "	" "
(15)	14" x 8" x 14" RED. ON RUN FLG'D. C.I. TEE	" "
(16)	14" 125# C.I. FLG'D. 90° ELL.	" "
(17)	10" " " " " " " " "	" "
(18)	8" " " " 90° " " " "	" "
(19)	8" " " " TEE	" "
(20)	14" CAST TRANSITION COUPLING	" "
(21)	10" " " " " " " " "	" "
(22)	8" " " " " " " " "	" "
(23)	8" FLG'D. FLEXIBLE " " " "	" "
(24)	14" STL. PIPE	SEE SPEC'S.
(25)	48" SQ. ACRYLIC ROOF HATCH, STATIONARY.	" "
(26)	16" x 10" TEE FL.	" "

- NOTES:
1. CONTRACTOR TO VERIFY ALL DIMENSIONS W/EQUIPMENT MFG'RS.
 2. ALL BURIED METAL PIPING AND FITTINGS SHALL BE POLYETHYLENE ENCASED.
 3. PROVIDE THRUST BLOCKING WHERE NECESSARY.
 4. CLOUDED AREA INDICATE CONTRACT WORK.

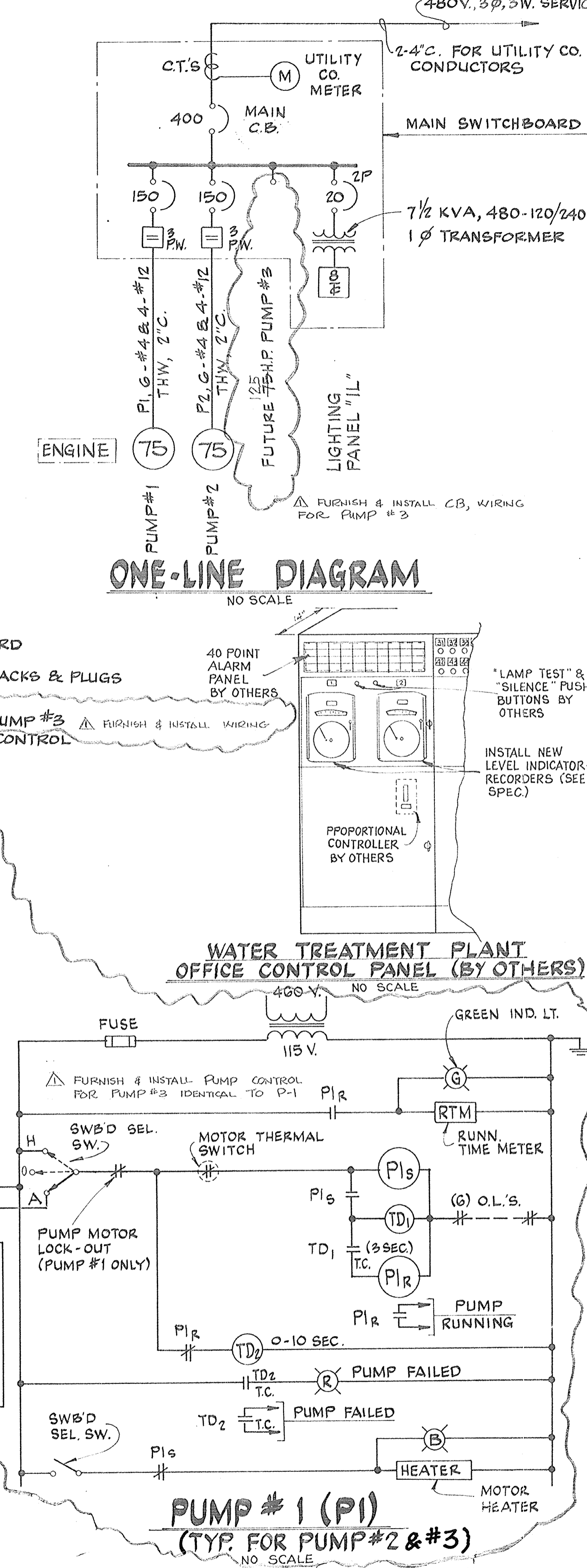
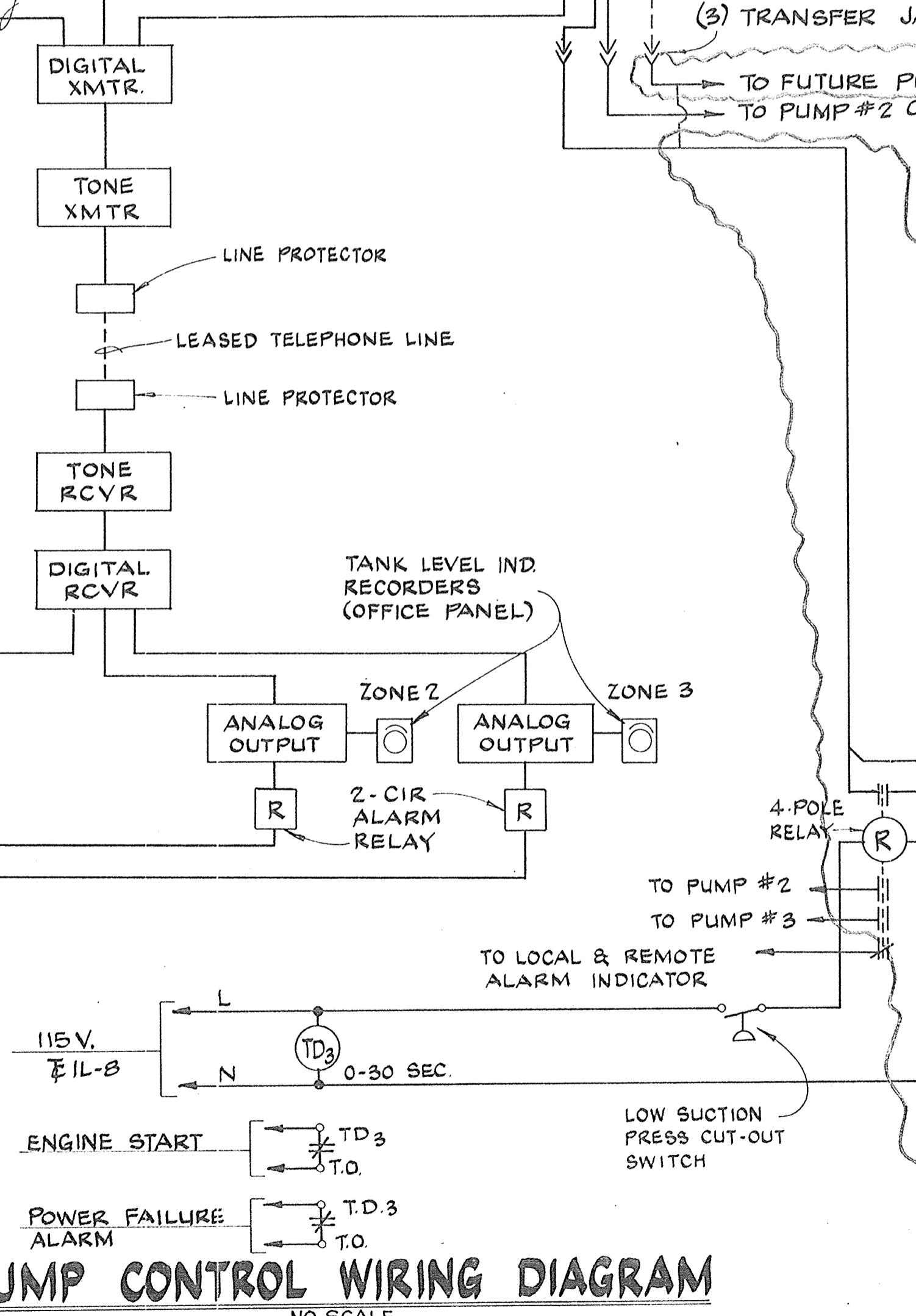
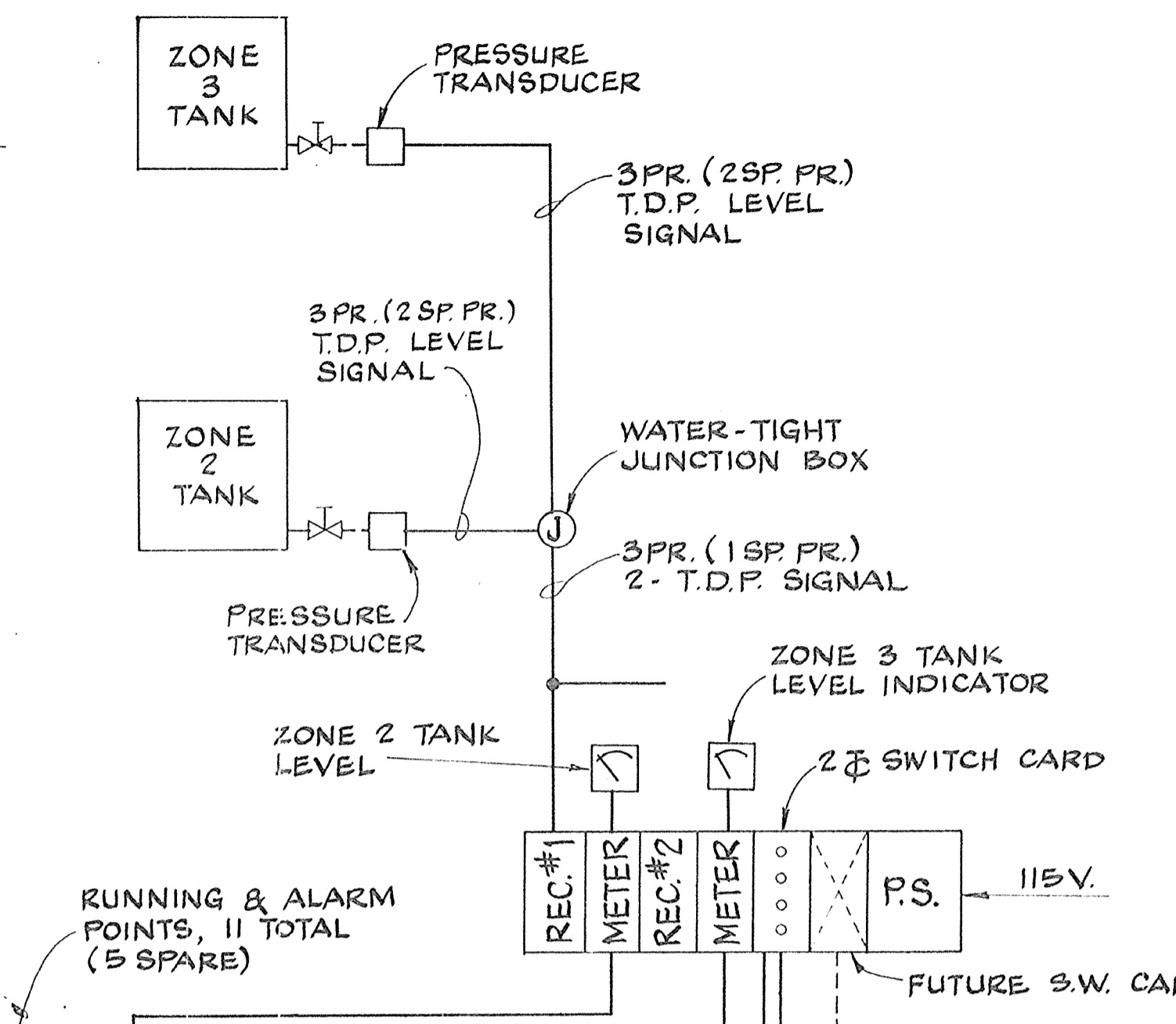
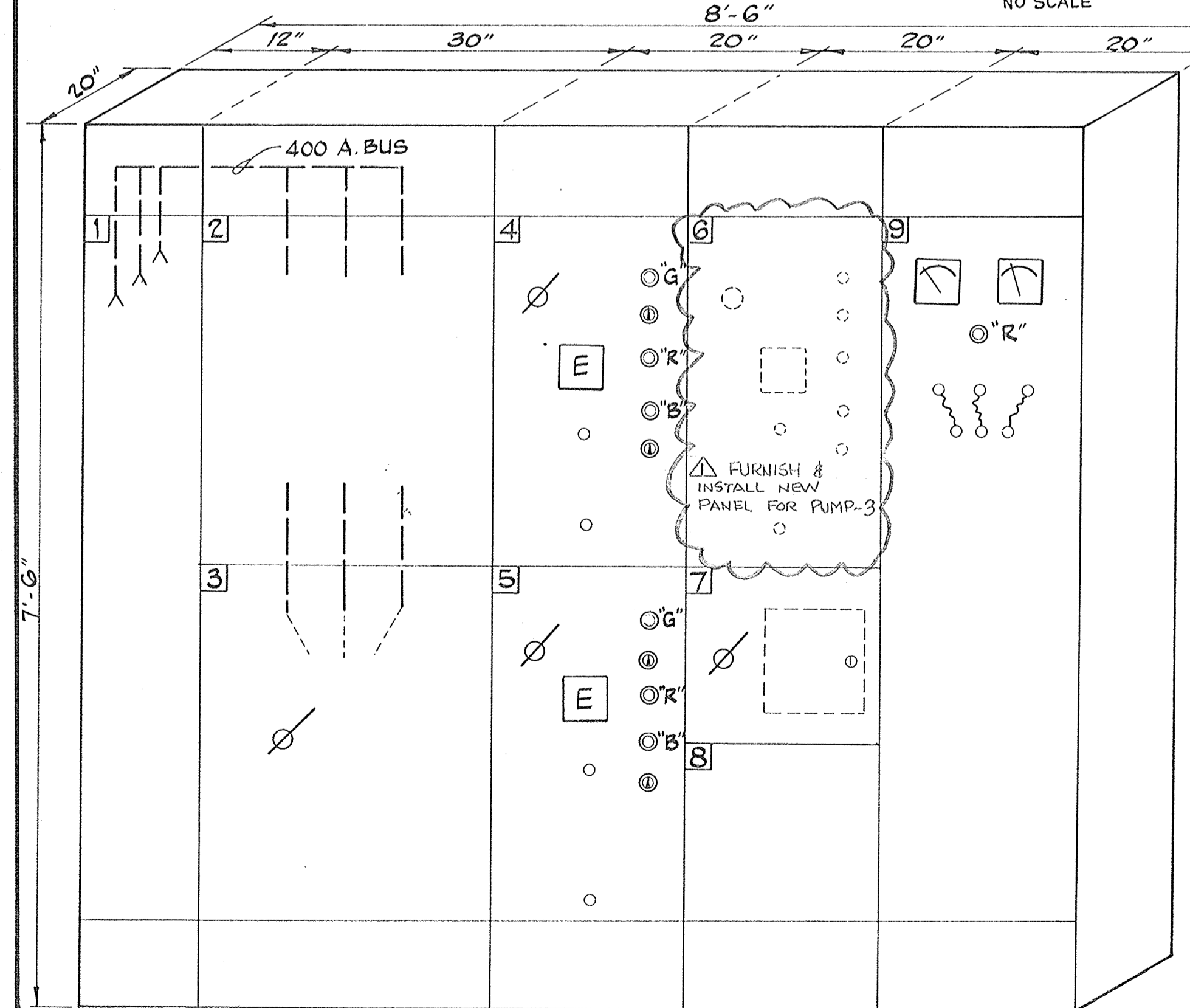
<p>AS BUILT Date: 2-28-88</p>				<p>Designed by: GEORGE CHUN</p> <p>Drawn by: AJAY</p> <p>Checked by: <i>[Signature]</i></p> <p>Reviewed by: <i>[Signature]</i></p> <p>Date: 6-13-86</p>	<p>APPROVED</p> <p>RON ZEFER City Engineer R.C.E. 22390 Date: 6-13-86</p>	<p>BUCHANAN PUMP STATION PUMPS</p> <p>CONTRACT NO. 86-11</p>	<p>City of Pittsburgh (412) 439-4915</p>	<p>Scale: AS SHOWN</p> <p>Horiz. _____</p> <p>Vert. _____</p> <p>SHEET NO. 5 OF 6</p>
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120/240 V., 1Ø, 3W, S/N LIGHTING PANEL "1L" (IN MAIN SWB'D)

SERVICE	FRAME	POLES	TRIP	CIR. NO.	LINE	TRIP	POLES	FRAME	SERVICE
LIGHTS	100	1	20	1	2	20	1	100	AUTOSENSORY EQUIP.
RECEPTACLES									SPARE
ENGINE BATT. CHG.									SPARE
SPARE									LOW SUCT. PRESS CUT-OUT

PUMP STATION PLAN
NO SCALE



No.	Date	Appd.	Revision

Designed by: GEORGE CHUN

Drawn by: AJAY

Checked by: Ron Lefler

Reviewed by: Ron Lefler

Date: 6-13-86

APPROVED

RON LEFLER
City Engineer
R.C.E. 22390
Date: 6-13-86

ELECTRICAL WORK FOR PUMP # 3

BUCHANAN PUMP STATION PUMPS

City of Pittsburgh
(415) 439-4915

Scale: AS SHOWN
Horiz. _____
Vert. _____

SHEET NO. 6 OF 6

CONTRACT NO. 86-11