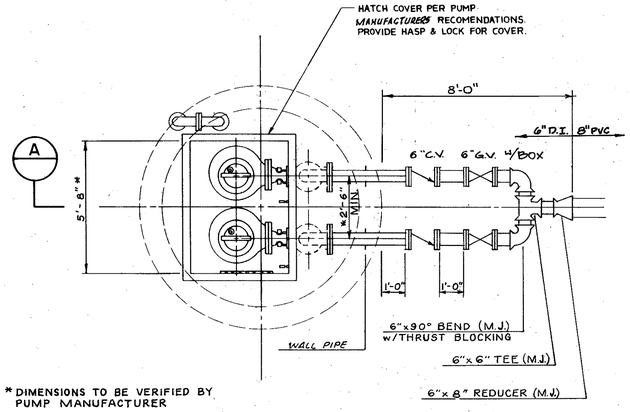


* DIMENSIONS TO BE VERIFIED BY PUMP MANUFACTURER

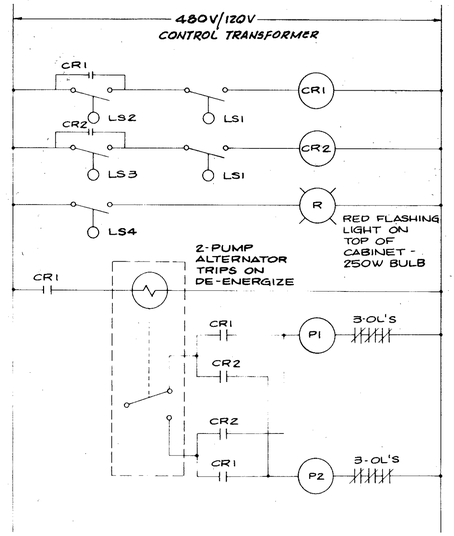
PLAN
SCALE: — NONE

PANEL 'A' SCHEDULE

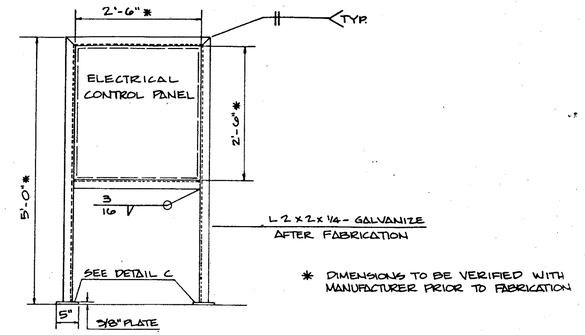
225 AMPS | MAIN CIRCUIT BREAKER | 277/480 VOLTS | 3 PHASE | 4 WIRE | 14,000 AIC
LOCATION: | MOUNTING: SURFACE or RECESSED

NO	DESCRIPTION	BKR	A	B	C	BKR	DESCRIPTION	NO
4	PUMP 1	100	3600			100	PUMP 2	2
3			3600					4
5		3		3600		3		6
7	RECEPTACLE XFMR	20	1000			20	PUMP CONTROL XFMR	8
9		2		1000		2	" "	10
11					1000		SPARE	12
13								14
15								16
17								18
19								20
21								22
23								24
25								26
27								28
29								30
31								32
33								34
35								36
37								38
39								40
41								42
Demand Amps	101.30	Totals	9.732	9.732	9.732	Connected kVA	29.2	Demand kVA	36.7

923X0005

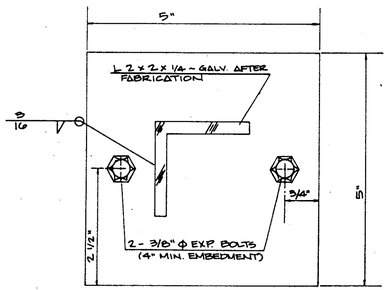


CONTROL SCHEMATIC
N.T.S.

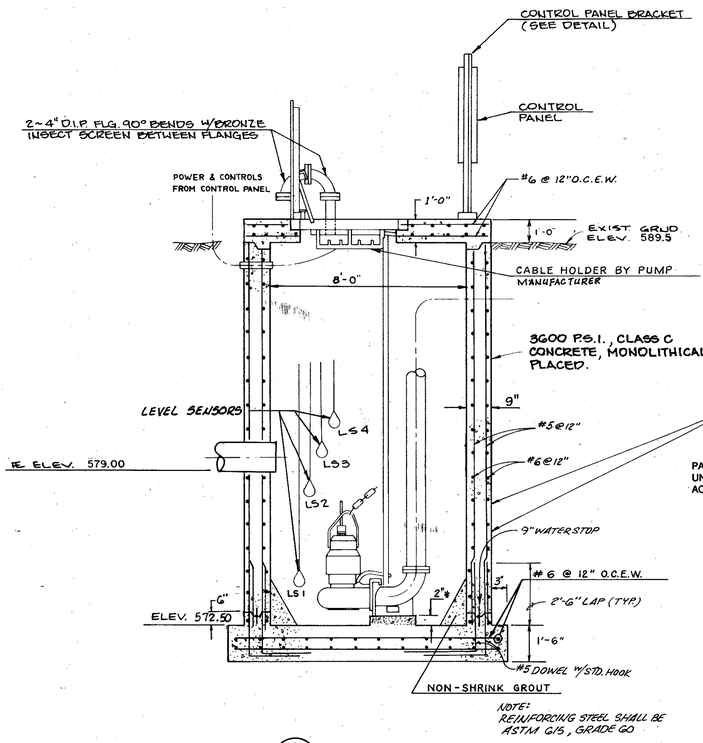


* DIMENSIONS TO BE VERIFIED WITH MANUFACTURER PRIOR TO FABRICATION

CONTROL PANEL BRACKET
N.T.S.



CONTROL PANEL BASE PLATE
N.T.S.

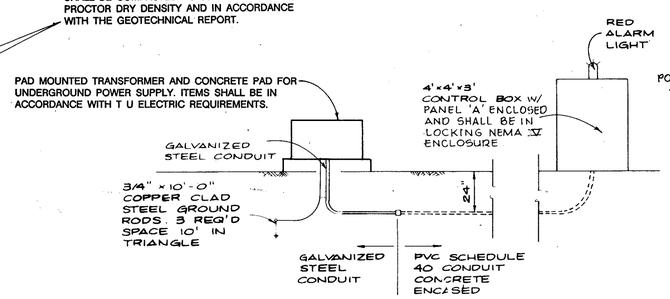


BACKFILL FOR LIFT STATION SHALL BE SANDY SELECT MATERIAL AS DEFINED IN THE GEOTECHNICAL REPORT INCLUDED IN THE SPECIFICATIONS. THE MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR DRY DENSITY AND IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

A SECTION
SCALE: — NONE

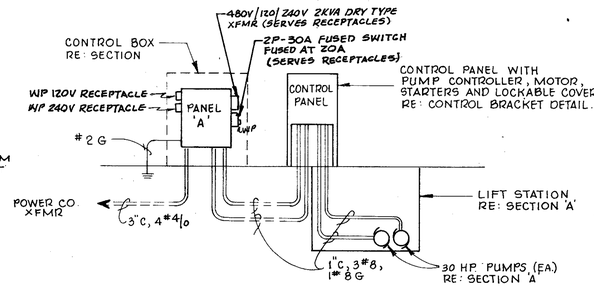
LEVEL SENSORS

SENSOR	ELEV.	ACTION
LS1	574.00	ALL PUMPS OFF - ALTERNATE LEAD/LAG SEQUENCE
LS2	579.00	LEAD PUMP ON
LS3	580.00	LAG PUMP ON
LS4	581.00	ALARM SIGNAL ON



SECTION
INCOMING POWER

CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH T U ELECTRIC AND ALL CHARGES ASSOCIATED WITH PROVIDING POWER SUPPLY, TRANSFORMER, METER, AND OTHER ASSOCIATED ITEMS.



===== DENOTES GALVANIZED STEEL CONDUIT
═══ DENOTES PVC SCHEDULE 40 CONDUIT

ONE LINE DIAGRAM
N.T.S.

NOTE:

THE PUMPS SHALL BE SUBMERSIBLE SEWAGE PUMPS WITH THE FOLLOWING PERFORMANCE REQUIREMENTS FOR EACH PUMP:

CAPACITY	500 G.P.M. EA.
DESIGN T.D.H.	94 FT.
MAXIMUM SPEED	1750 R.P.M.
MIN. MOTOR EFFICIENCY	78%

AS BUILT

DATE	REVISION	MADE	CKD.	APPD.

CARTER & BURGESS, INC.
ENGINEERS · PLANNERS · SURVEYORS
DALLAS TEXAS

RAWHIDE CREEK LIFT STATION AND FORCE MAIN
LIFT STATION DETAILS

TOWN OF ADDISON, TEXAS

STATE OF TEXAS — JOHN H. LINDNER — 64684 — REGISTERED PROFESSIONAL ENGINEER

John H. Lindner 8/17/92

DESIGN	DRAWN	CKD.	SCALE	DATE	FILE	NO.
LINDNER	BARR HULEN	LINDNER	AS NOTED	AUG. ,92	01-1457	10 of 13

JOB NO.