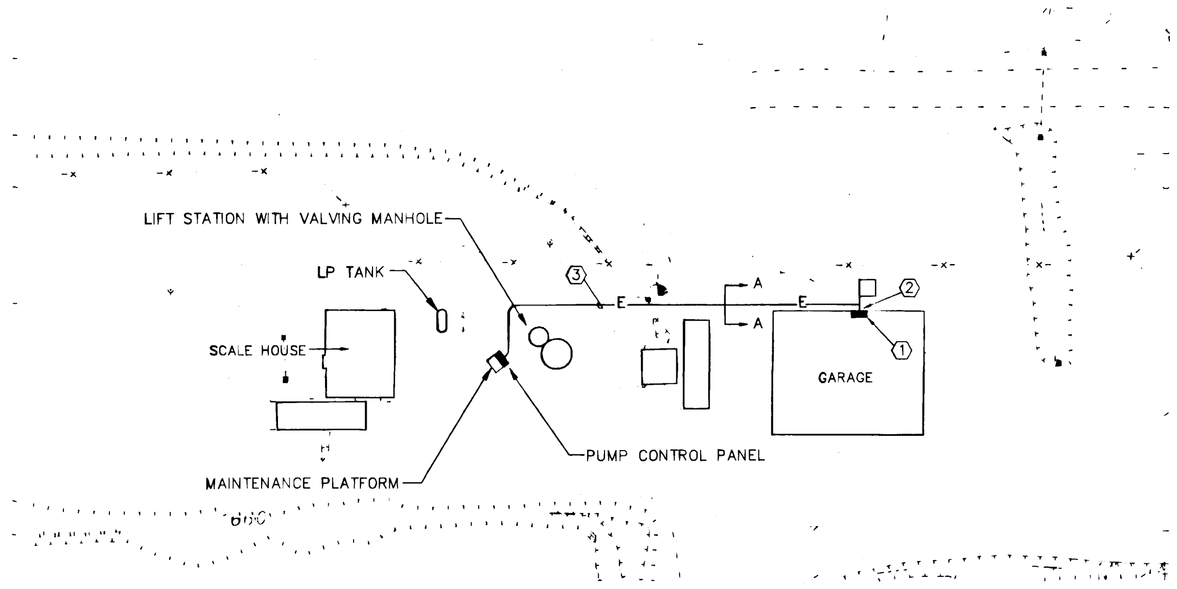


DETAIL 1/7.1 ELECTRICAL NOTES:

1. EXISTING GENERAL ELECTRIC 277/480 VOLT, 3ø, 4-WIRE PANELBOARD, PROVIDE NEW CIRCUIT BREAKER AS SHOWN ON ONE LINE DIAGRAM. NEW CIRCUIT BREAKER TO MATCH TYPE AND INTERRUPTING CAPACITY OF EXISTING BREAKERS.
2. STUB 2" CONDUIT FROM PANEL THRU WALL AND DOWN TO BELOW GRADE, CONDUIT TO EXIT GARAGE A MINIMUM OF 24" ABOVE GRADE.
3. DIRECT BURIAL CONDUCTORS.

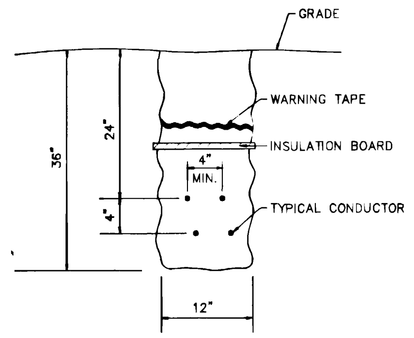
1/7 PARTIAL ELECTRICAL SITE PLAN

SCALE: 1"=40'-0"

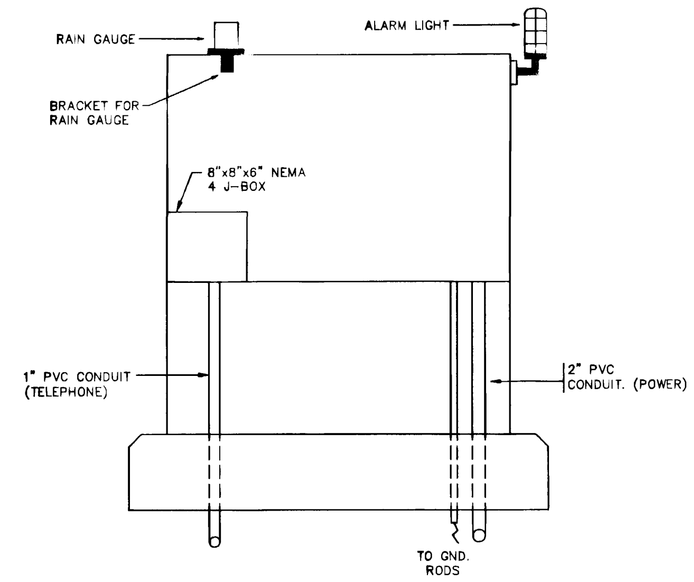
NORTH

NOTES:

1. BACKFILL TRENCH WITH ALL NATURAL MATERIALS.
2. REF. 16123 FOR BACKFILLING AND COMPACTION.
3. CONDUCTORS SHALL BE LAID IN A SERIES OF GENTLE BENDS TO ALLOW SLACK FOR MOVEMENT DURING FREEZE/THAW CYCLE.

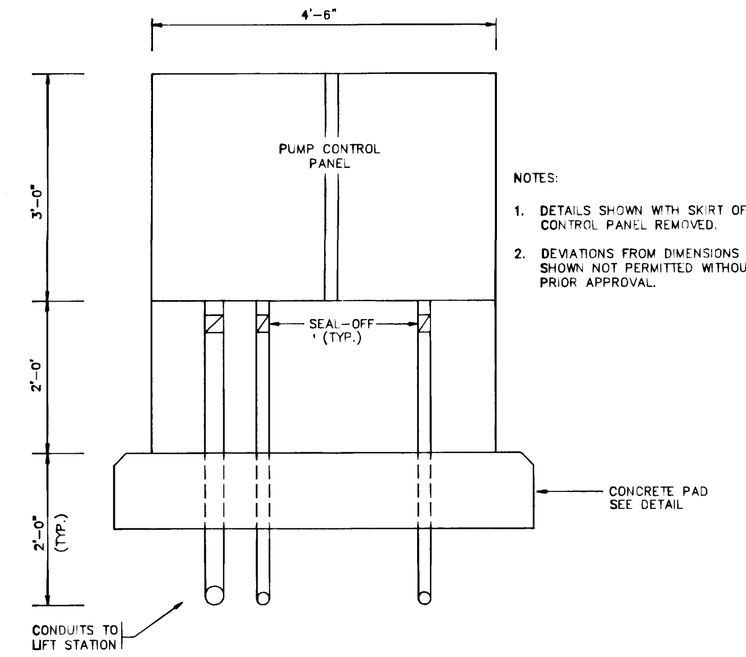


A – A TRENCH DETAIL



3/7 PUMP CONTROL PANEL – REAR VIEW

SCALE: 1"=1'-0"

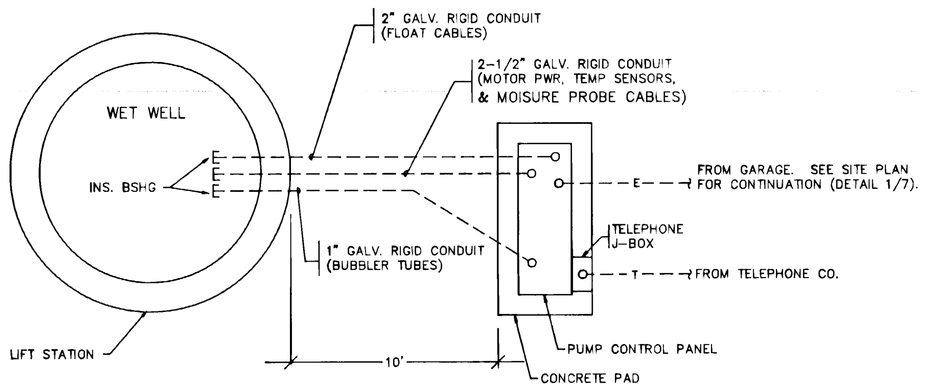


NOTES:

1. DETAILS SHOWN WITH SKIRT OF CONTROL PANEL REMOVED.
2. DEVIATIONS FROM DIMENSIONS SHOWN NOT PERMITTED WITHOUT PRIOR APPROVAL.

4/7 PUMP CONTROL PANEL – FRONT VIEW

SCALE: 1"=1'-0"



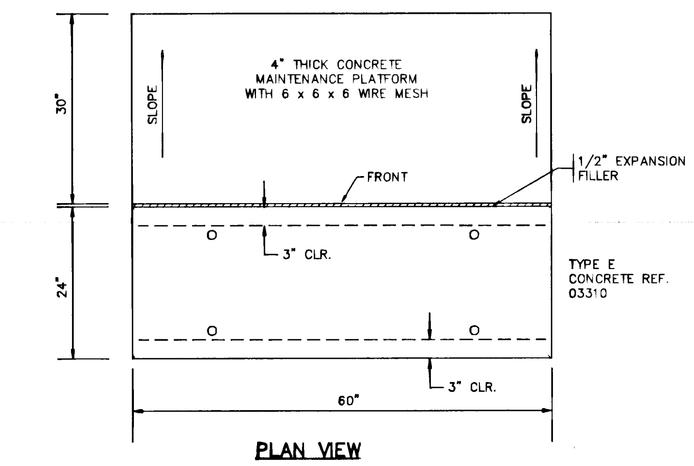
NOTES:

1. VERIFY CONDUIT SIZE WITH PUMP & CABLE SUPPLIER.
2. ALL ELECTRICAL WORK IN WET WELL SHALL BE IN ACCORDANCE WITH N.E.C. FOR CLASS 1, DIV 1, GROUP D HAZARDOUS LOCATION.
3. COORDINATE EXACT LOCATION OF PUMP CONTROL PANEL WITH A/E AND OWNER.
4. SLOPE CONDUITS TOWARD WET WELL.

2/7 LIFT STATION ELECTRICAL – SITE PLAN

N.T.S.

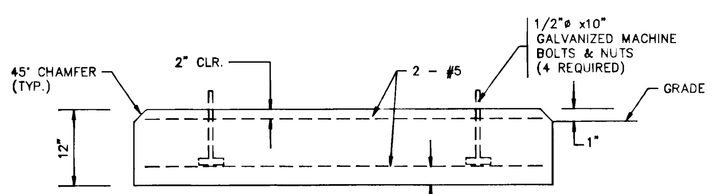
NORTH



PLAN VIEW

NOTES:

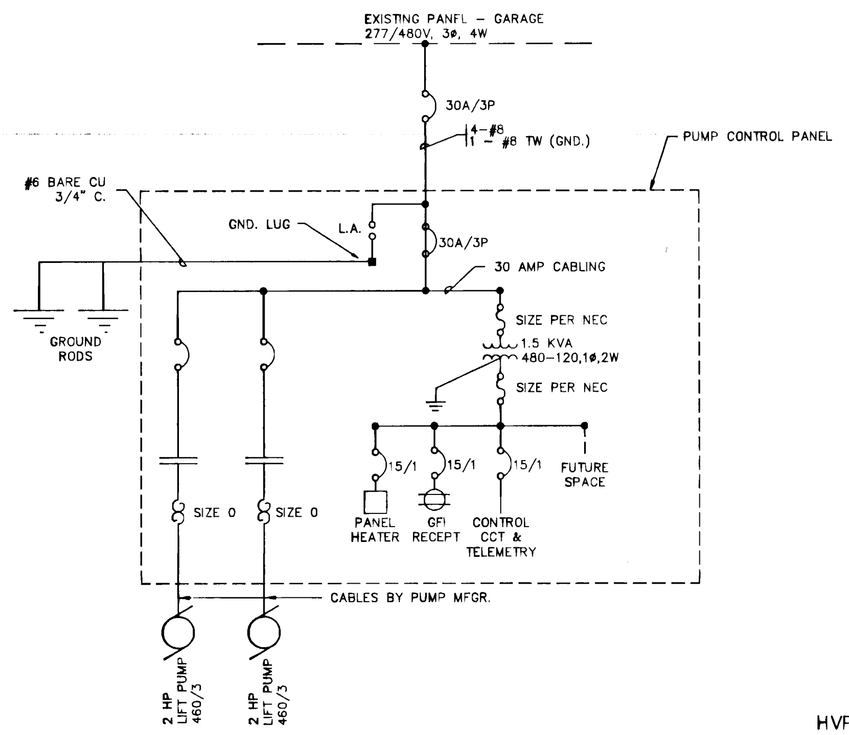
1. VERIFY PAD SIZES WITH CONTROL PANEL SUPPLIER.
2. TOP OF MAINTENANCE PLATFORM TO BE SAME ELEVATION AS PAD.



SECTION

5/7 CONCRETE PAD

SCALE: 1"=1'-0"



6/7 LIFT STATION ONE LINE DIAGRAM

NO SCALE

HVP JOB #94094

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(715)836-7958

DRAWN BY: LLM DATE: 5/94
DESIGNER: MLB DATE: 5/94
CHECKED BY: MLB DATE:

NO.	BY	DATE	REVISIONS	DESIGN	CHECKED

ESTH ENGINEERS ARCHITECTS PLANNERS

MOCCASIN MIKE LANDFILL
LIFT STATION AND LEACHATE COLLECTION SYSTEM UPGRADE

LEACHATE COLLECTION SYSTEM DETAILS

FILE NO. SUPE9401.13
DATE 05/05/94
7/7

DRAWING NAME: 94094E1
LAYERS OFF: