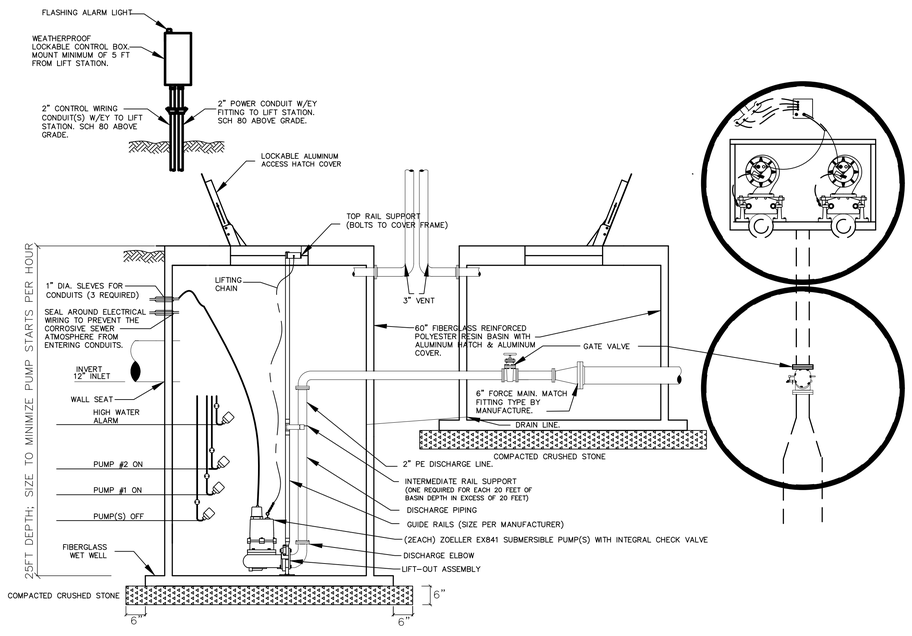
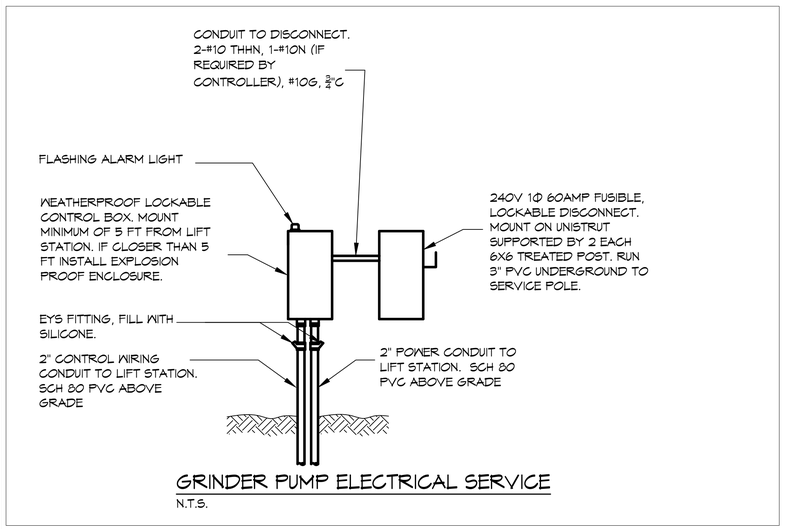


PUMP DATA
DUPLEX GRINDER PUMP
58 GPM @ 45 TDH

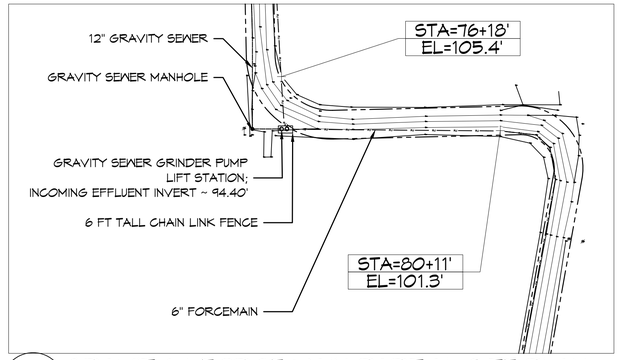
DUPLEX LIFT STATION DETAIL
N.T.S.

4
C7



GRINDER PUMP ELECTRICAL SERVICE
N.T.S.

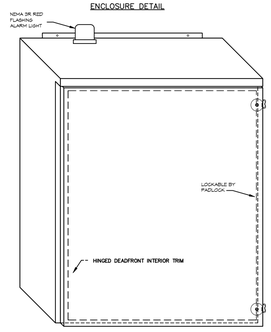
NOTE: NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.



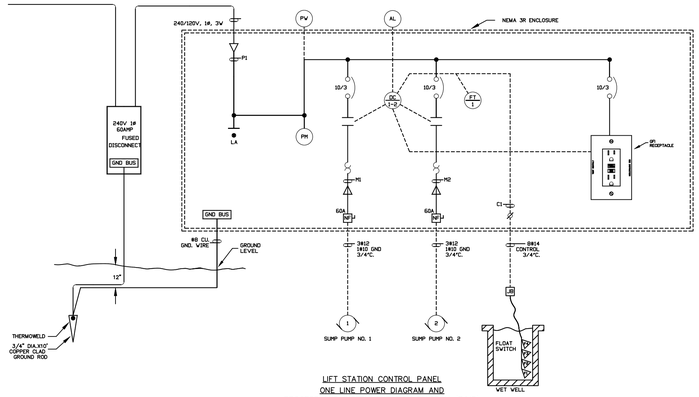
1
M103 | M101

GRAVITY & FORCE MAIN PARTIAL SITE PLAN
1/8" = 1'-0"

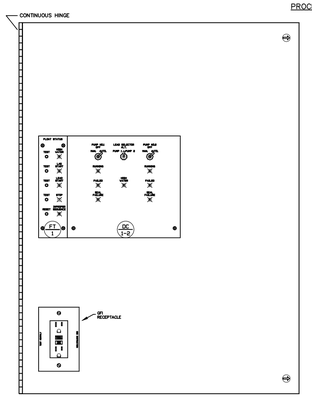
LIFT STATION CONTROL PANEL
ENCLOSURE DETAIL



NEMA 3R ENCLOSURE
(24"H x 24"W x 8"D)
OR OTHER APPROVED PRE-DESIGNED MANUFACTURE ENCLOSURE



LIFT STATION CONTROL PANEL
ONE LINE POWER DIAGRAM AND
PROCESS AND INSTRUMENTATION DIAGRAM (P&ID)



CONTROL PANEL
DEADFRONT DETAIL

LEGEND

LA	LIGHTNING ARRESTOR -	SEE COMPONENT SPECIFICATIONS
PM	PHASE MONITOR -	SEE COMPONENT SPECIFICATIONS
OC	DUPLEX CONTROLLER -	SEE COMPONENT SPECIFICATIONS
FT	FLOAT TEST -	SEE COMPONENT SPECIFICATIONS
AL	ALARM LIGHT -	SEE COMPONENT SPECIFICATIONS
PV	POWER LIGHT -	SEE COMPONENT SPECIFICATIONS

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REVISIONS

#	DESCRIPTION	DATE
1	C4	

SEAL:

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
6/26/2024
PROFESSIONAL ENGINEER

NEW FORCEMAIN
TANGIPAHOA PARISH LANDFILL
AMITE CITY, LA

JOB No: 2440 DATE: 5-8-2024
DRAWN BY: DPD CHECKED BY: BM

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SHEET TITLE:
GRAVITY FED SEWER LIFT STATION DETAILS

DRAWING NUMBER:
M103

SHEET No: 5 of 7

FILE NAME: J:\...\Gravity\2400 - Tang Outfall Pond Force Main\Drawings\Current\M103 - Grinder Pump Lift Station.dwg PLOT DATE & TIME: Wednesday, June 26, 2024, 8:39:25 AM