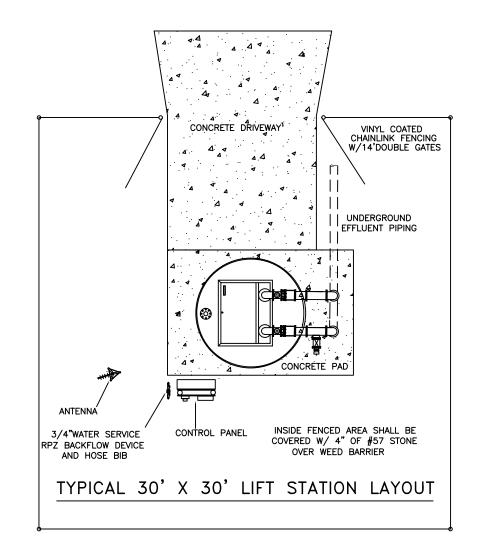
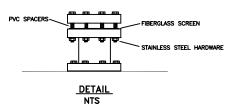


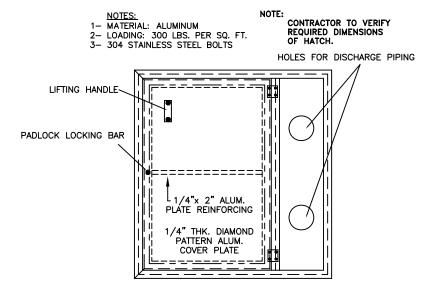
REVISION DESCRIPTION

ENGINEER\_NAME LICENSE\_NUMBER









WETWELL ACCESS HATCH DETAIL NTS



CITY OF PUNTA GORDA

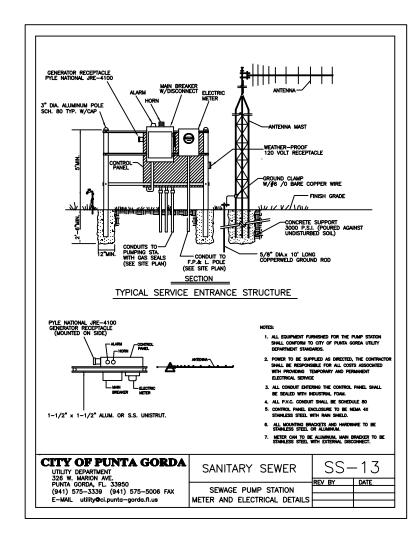
Utilities Department

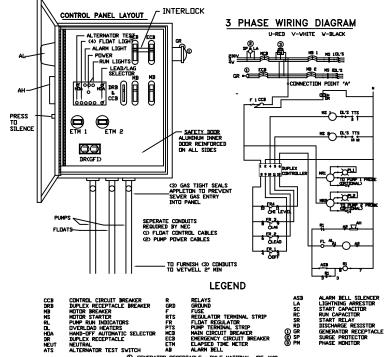
326 West Marion Ave
PUNTA GORDA, FLORIDA 33950
PHONE: (941) 575–3339 FAX: (941) 575–5006



LIFT STATION ABOVEGROUND VALVES

FILE NO. (S-T-R)





© GENERATOR RECEPTACLE ; PYLE NATIONAL JRE 4100
© SURGE PROTECTION AND LIGHTNING PROTECTION ON ALL INCOMING LEGS
© PHASE PROTECTION SHALL BE PROVIDED

CONTROL PANEL - SHALL CONFORM TO DEP 17-604.42(A)
CONTROL PANEL SHALL BE F.J.M MODEL 38-D IN NEMA 4X STAINLESS ENCLOSURE. THE PANEL SHALL MEET STATE OF
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP), ENVIRONMENTAL PROTECTION COMMISSION (EPC) AND
LOCAL CODE REQUIREMENTS GOVERNING PRIVATE LIFT STATIONSS.
THE CONTROL PANEL SHALL BE SUITABLY INSTALLED TO PREVENT SETTLING OR TIPPING.
FLOAT SWITCHES & CONTROL SYSTEM SHALL BE UL LISTED AND INTRINSICALLY SAFE. ALL COMPONENTS SHALL BE UL
LISTED. PANEL MANUFACTURER SHALL BE A "UL" LISTED SHOP.

CONTROL PANEL (TO BE FURNISHED BY PUMP SUPPLIER) SHOP DRAWINGS REQUIRED PRIOR TO CONSTRUCTION N.T.S.

City of Punta Gorda Waste Water Collection Panel Specification

Lift Station Number L.S. Location	
Main Voltage / Three Phase Control Voltage 120 Horsepower .	
Number of Pumps 2 Emergency Power Capability	
Additional Circuits or Controls	
Data Flow System	
Panel Type/Material Stainless Steel	
Panel Size To be determined by Builder	
Additional Information on Comments Name	

- eneral Specifications;

  1. Aluminum Dead Front with access to TCU unit and Main, Emergency and Control Breaker.

  2. Aluminum Back Panel.

  3. FAL or RAL Square D Circuit Breakers.

  4. Class 8536 Square D Starters with Melting Alloy Thermal Overload Control Dead of Face of Panel.

  5. Cutrub Unsponence of Terminal Blocks shall be mounted DN March Control of Panel.

  6. GPI Receptacle mounted in Panel Dead Front.

  7. 60 Watt Incondescent Light mounted inside panel with on/off swill be Red Alarm Light mounted in panel bed Front.

  9. Alarm Horn mounted on left top side of Panel.

  10. Lowest Terminal or Starter Connection shall be min. 8" from bottom of Panel.

  11. Three Point Door Latching Mechanism with Padlock provision.

  12. Generator Receptical shal be Pyle Notional JRE-4100.

  13. 4 each; Anchor Scientific Roto-Float Type-S

## CITY OF PUNTA GORDA

## LIFT STATION ABOVEGROUND VALVES

SCALE

NONE

3

FILE NO. (S-T-R)

DATE

Utilities Department

326 West Marion Ave
PUNTA GORDA, FLORIDA 33950
PHONE: (941) 575–3339 FAX: (941) 575–5006

COOMINGS TO "ET" INVESTIGATES SEPERATIONS. TONS INCLUDES BUT IS NOT LIMITED TO:
A. CLEAM NO REMOVE LOOSE MATERIAL WITH PRESSURE
WASHING AT 5,000 PSI,
B. VACUUM CLEAN BOTTOM OF STATION,
C. BRINGANE, BLAST CONCRETE WITH BROON BYPRODUCTS,
D. CLEAM AND REMOVE DUST MATERIAL WITH PRESSURE
WASHING FOR MAXIMUM ADMESION.
E. BLOW BUT CONCRETE AT 250 CFM WITH 120 PSI,
F. CHECK FOR WATER LEAKS, REPAIR LEAKS WITH AWAITI MULTI GROUT,
AV-202 DE DOUBLE AT THREE (3) DIFFERENT INTERNAL.
C. CATATIONS TOTAL THROCKESS SHALL BE 125 MLS,
IN ET COATINGS TOTAL THROCKESS SHALL BE 125 MLS,
IN ET COATING SHALL BE SHALL BE BETON INTERNAL. CONTINGS.TOTAL THICKNESS SHALL BE 125 MLS,
H. ET COATING SHALL BE APPLIED IN ENTIRE WETWELL,
WALLS AND BOTTOM.
U. OVERLAP "BIT" COAT ONTO INSIDE OF ALUMINUM HATCH FRAME
J. PROVIDE A FINE (3) YEAR UNLIMITED WARRANTY ON ALL
WORKMANSHE AND "BET" PRODUCT FOR CORROSION PROTECTION
OF THE STRUCTURE. OF THE STRUCTURE.

15. FOR THE LET LINER SYSTEM, INSTALL PER
MANUFACTURERS RECOMMENDATION, AND PROVIDE A FIVE (5)
YEAR UNLIMITED WARRANTY ON ALL WORKMANSHIP,
AND PRODUCT FOR CORROSION PROTECTION OF THE STRUCTURE. PROVIDE APPROPRIATELY SIZED TRANSFORMER TO STEP DOWN VOLTAGE TO 120V TO PROVIDE A MINIMUM OF (2) 20 AMP CIRCUITS IN THE PANEL RECEPTACLE (FOR FUTURE CHEMICAL FEEDER). ALL PLUG VALVES MUST HAVE INTERNAL 2 PART EPOXY COATING TO A MIN. OF 20 MILS.

NOTES:

3. ALL CONCRETE SHALL BE TYPE II CEMENT

CONTRACTOR HAS THE OPTION OF USING A CAST IN-PLACE OR PRECAST STRUCTURE. PROVIDE SHOP DIABNINGS FOR ENGINEER RIVER. STRUCTURES SHALL BE LIMITED TO 6'-O' MAX.SECTIONS OF 12' DIA REPROFED CONGRET PPE, IN ACCORDANCE WITH ASTIC.-O-78, WALL 18'. WHENEVER POSSIBLE, NO OPENING SHALL BE WITH 12' OF THE DIO OF ANY SECTION.

ALARM LIGHT TO BE 40 WATT INCAND, WITH RED GLOBE AND PROTECTIVE CAGE AROUND GLOBE.

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER/OWNER THE FINAL LOCATIONS OF FPL TRANSFORMER AND ELECTRICAL SERVICE CONDUIT. PAINT ALL ABOVE GROUND PLUG VALVES, CHECK VALVES, KAMLOCK BY-PASS VALVES, BLACK

3/4' x 8' 316 S.S. J-BOLTS THREADED, MIN. 4' C/V. 2 NUTS EACH, FOR DISCHARGE ELBOVS. J-BOLTS TO BE SET VITH CONCRETE OR VEDGE ANCHORS. NO CHEMICAL ANCHORS VILL BE PERMITTED.

14. "IET" COATING SYSTEM IS REQUIRED, ALL MEIDOR SURFACES OF METHELL SHALL BE LINED WITH AN "ET" ONS IMPERIOUS SYSTEM FROM TOO TO BOTTOM, WORK SHALL BE PERFORMED BY A "ET" LICENSED APPLICATOR, WET WIELL SHALL BE CLEANED AND COATED COCKORNO TO ET "IMPARTACINES SOCIODIONS. GOVE NUCLOSES BY IS NOT LIMITED TO.