

GENERAL NOTES

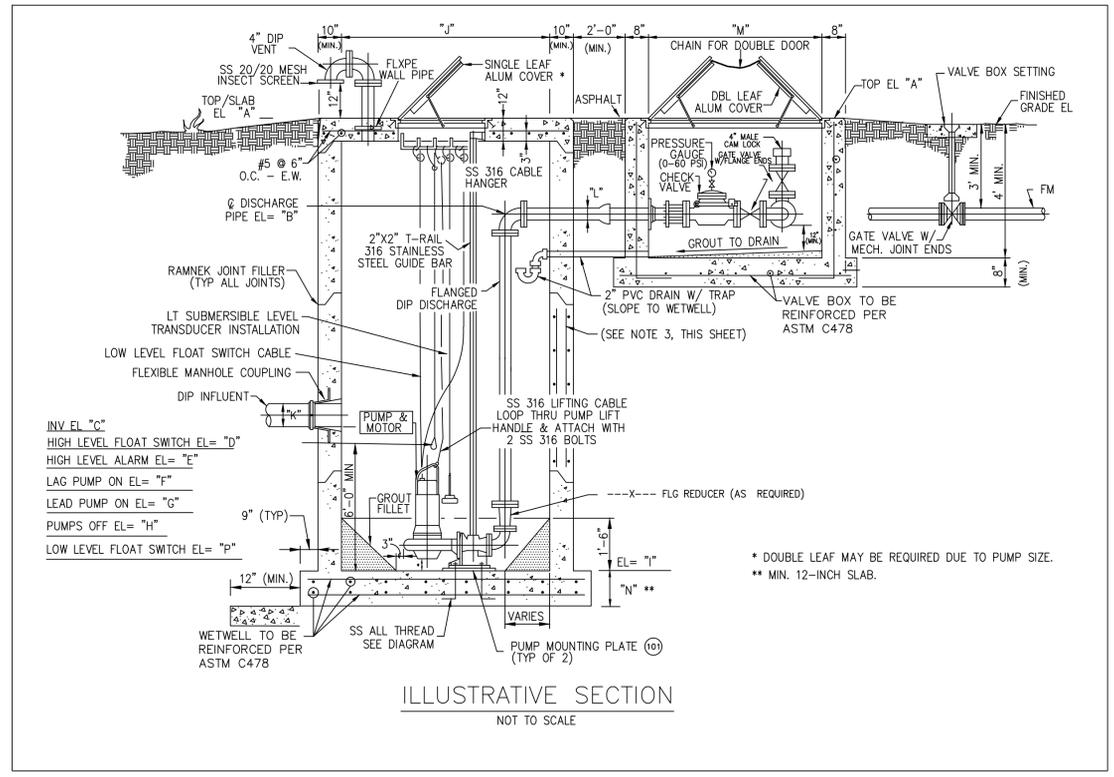
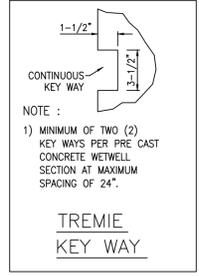
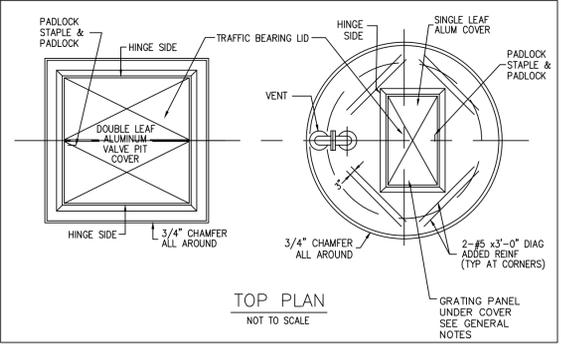
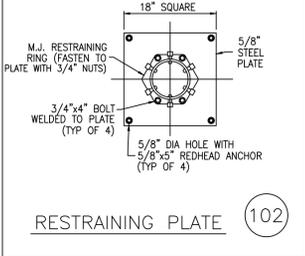
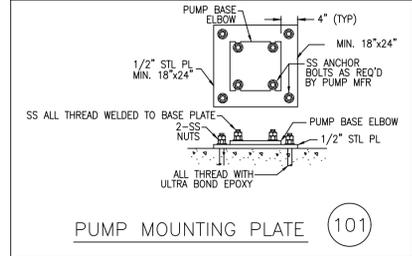
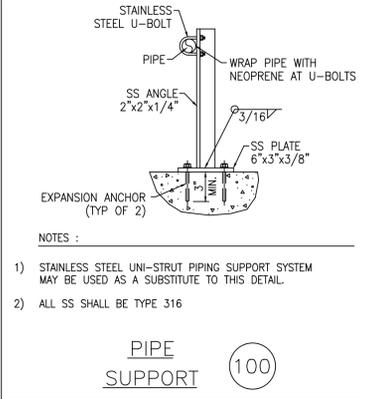
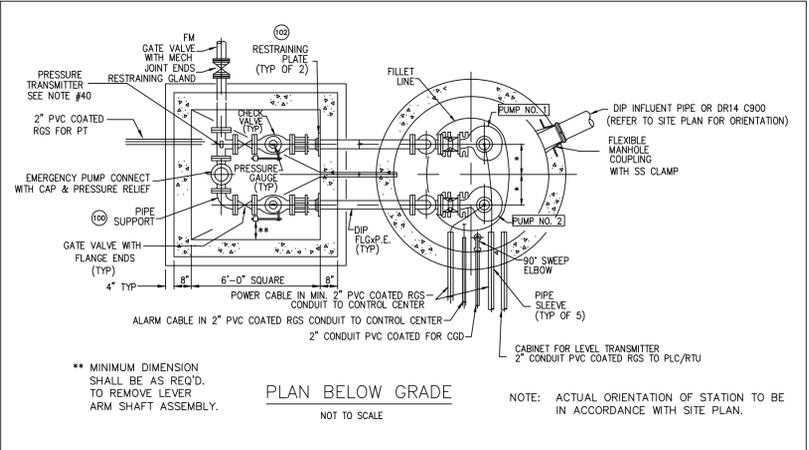
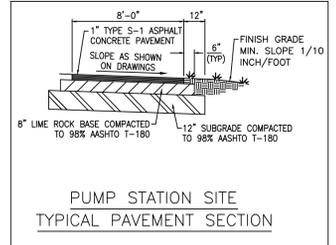
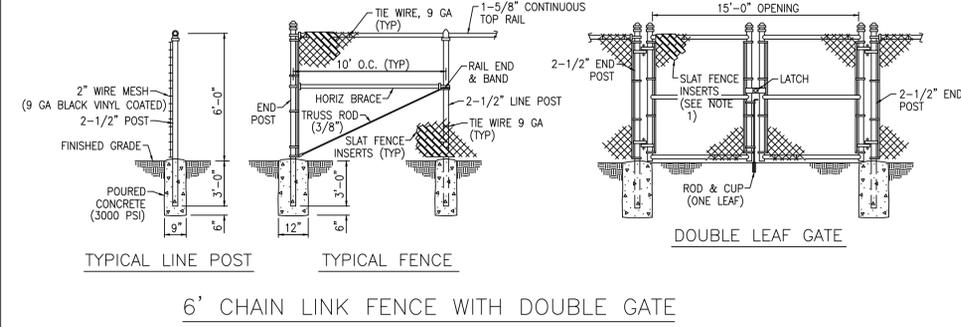
- ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF SUNRISE UTILITY STANDARDS AND FLORIDA BUILDING CODE, LATEST REVISION.
- THE CONTRACTOR SHALL VERIFY ALL INFORMATION SHOWN PRIOR TO CONSTRUCTION AND ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER OF RECORD.
- CONCRETE SHALL HAVE NOT LESS THAN 4000 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS. PRE-CAST CONCRETE SHALL BE 4000 P.S.I. CLASS II MINIMUM.
- REINFORCING STEEL SHALL CONFORM TO A.S.T.M. SPEC. A-615 AND SHALL BE DEFORMED ACCORDING TO A.S.T.M. SPEC. 305.
- ALL PIPING SHALL BE DUCTILE IRON PER AWWA C151, 40 MIL. EPOXY LINED, FLANGED JOINTS UNLESS OTHERWISE NOTED. ALL FITTING SHALL BE DUCTILE IRON OR CAST IRON PER AWWA C110, FLANGED JOINTS UNLESS OTHERWISE NOTED.
- ALL PIPE OPENINGS SHALL BE CAST AT TIME OF FABRICATION.
- SEWAGE PUMPS SHALL BE DUPLEX SUBMERSIBLE AS MANUFACTURED BY FLYGT CORP., WILCO EMU, INGERSOLL DRESSER OR EQUAL APPROVED BY CITY.
- PUMPS SHALL NOT BE SMALLER THAN FIVE HORSEPOWER UNLESS APPROVED BY THE CITY.
- WILCO EMU PUMP TYPE SHALL BE OF EMU TYPE HIGH PRESSURE GASKET SYSTEM.
- OPENINGS AROUND PIPES SHALL BE SEALED WITH EMBECO MORTAR.
- ALL UNSUITABLE MATERIAL SHALL BE REMOVED FROM WITHIN THE LIMITS OF CONSTRUCTION.
- SHOP DRAWING FOR COMPLETE LIFT STATION SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL AND THEN SUBMITTED TO THE CITY PLANNING & DEVELOPMENT DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO DELIVERY TO SITE.
- WETWELL & VALVE PIT SHALL BE COATED INSIDE AND OUTSIDE, PIPING SHALL BE COATED OUTSIDE. ALL APPLICATIONS SHALL RECEIVE TWO COATS (ONE GRAY, ONE WHITE) 3/4" OF MAINSTAY ML-72 AND 100 MILLS OF MAINSTAY DS-5, AS MANUFACTURED BY MADEWELL PRODUCTS CORP. OR APPROVED EQUAL.
- WET WELL SHALL BE PROVIDED WITH A SERIES X RETRO-GRADE AS MANUFACTURED BY HALLIDAY PRODUCTS, ALUMINUM GRATING PANEL OR APPROVED EQUAL AND INSTALLED BENEATH EXISTING ACCESS COVER.
- CONTRACTOR SHALL ENSURE NO FLOATION OF WETWELL DURING CONSTRUCTION.
- GATE VALVES IN VALVE PIT SHALL BE RESILIENT SEAT, ECCENTRIC, WHEEL OPERATED OR EQUAL.
- CHECK VALVE SHALL BE KENNEDY, IRON BODY, BRONZE MOUNTED, SWING CHECK, LEVER & WEIGHT, OR APPROVED EQUAL.
- PIPE COUPLING SHALL BE CAST IRON, DRESSER STYLE 127 OR EQUAL.
- SIX (6) COPIES OF OPERATIONAL AND MAINTENANCE MANUAL AND COPIES OF ELECTRICAL CONTROL PANEL SCHEMATICS ARE TO BE SUBMITTED TO THE CITY ENGINEER PRIOR TO FINAL ACCEPTANCE.
- MINIMUM DISCHARGE PIPE SHALL BE 4" IN DIAMETER.
- ALL FITTINGS INSIDE WETWELL AND VALVE PIT SHALL BE FLANGED, AND ALL HARDWARE INSIDE WETWELL SHALL BE STAINLESS STEEL TYPE #316.
- ELECTRICAL CONTROL PANEL SHALL BE PROVIDED WITH A UL LABEL, AND BE MANUFACTURED BY A UL 508 MANUFACTURER.
- A BAKELITE PLAQUE SHALL BE PROVIDED, MOUNTED ON THE ENTRANCE GATE, NOT SMALLER THAN 60 SQUARE INCHES, WITH WHITE ENGRAVED LETTERS ON A RED BACKGROUND, WITH THE FOLLOWING NOTATIONS:
CITY OF SUNRISE
FLORIDA
SEWAGE LIFT STATION NO. _____
PLEASE REPORT RED FLASHING ALARM LIGHT
CALL TEL NO. (954) 888-6087 OR (954) 741-2580

ENGINEER TO PROVIDE SITE PLAN INCLUDING:

- 6' HIGH CHAIN LINK FENCE AROUND ENTIRE EASEMENT W/ 15' DOUBLE DOOR GATES.
- 30'x30' MINIMUM EASEMENT AREA.
- 1" WATER SERVICE & METER AT R/W LINE.
- 15' ASPHALT DRIVEWAY.
- RPZ BACKFLOW PREVENTER.
- GUARD POST(S), AS REQUIRED.
- NORTH ARROW.

SITE PLAN: (PROVIDE SITE PLAN IN THIS SECTION)

NOTE: PADLOCKS TO BE SUPPLIED BY THE CITY OF SUNRISE.



ELEVATION DATA		
ALL ELEVATIONS ARE N.G.V.D.		
TOP SLAB ELEVATION	ELEVATION "A"	X
Ø DISCHARGE PIPE ELEVATION	ELEVATION "B"	X
INFLUENT PIPE INVERT ELEVATION	ELEVATION "C"	X
HIGH LEVEL FLOAT SWITCH	ELEVATION "D"	X
HIGH LEVEL ALARM	ELEVATION "E"	X
LAG PUMP ON	ELEVATION "F"	X
LEAD PUMP ON	ELEVATION "G"	X
ALL PUMPS OFF	ELEVATION "H"	X
WETWELL BASE SLAB ELEVATION	ELEVATION "I"	X
WETWELL INSIDE DIAMETER	"J"	X
INFLUENT PIPE DIAMETER	"K"	X
PUMP DISCHARGE PIPE DIAMETER	"L"	X
VALVE BOX SIZE	"M"	X
BASE SLAB THICKNESS	"N"	X
LOW LEVEL FLOAT SWITCH	ELEVATION "P"	X
OPERATING RANGE	N/A	X
BROWARD COUNTY 100 YEAR FLOOD	ELEVATION	X
APPROVED STORM WATER PERMIT 100 YEAR FLOOD	ELEVATION	X

48 HOURS BEFORE DIGGING
BROWARD • PALM BEACH • INDIAN RIVER
ST. LUKE • MARTIN COUNTIES
CALL FOR PERMITS
1-800-432-4770
RUNSHINE STATE 1 CALL
UNDERGROUND UTILITIES
NOTIFICATION CENTER

LEAVE BLANK - FOR CITY USE ONLY

Designed By:				
Drawn By:				
Checked By:				
SYMBOL	NO.	DATE	REVISIONS	CITY BY
	2	08/08	UPDATE TO ALL DETAILS	FV
	1	04/04	UPDATE TO ALL DETAILS	

CITY OF SUNRISE

APPROVED BY: _____ DATE: _____
REGISTERED ENGINEER NO. _____
STATE OF FLORIDA

STANDARD LIFT STATION
DETAILS AND NOTES

ORIGINAL ISSUE DATE: 04/10/98	PROJECT NUMBER	GENERAL DETAILS
NOT TO SCALE		1/5