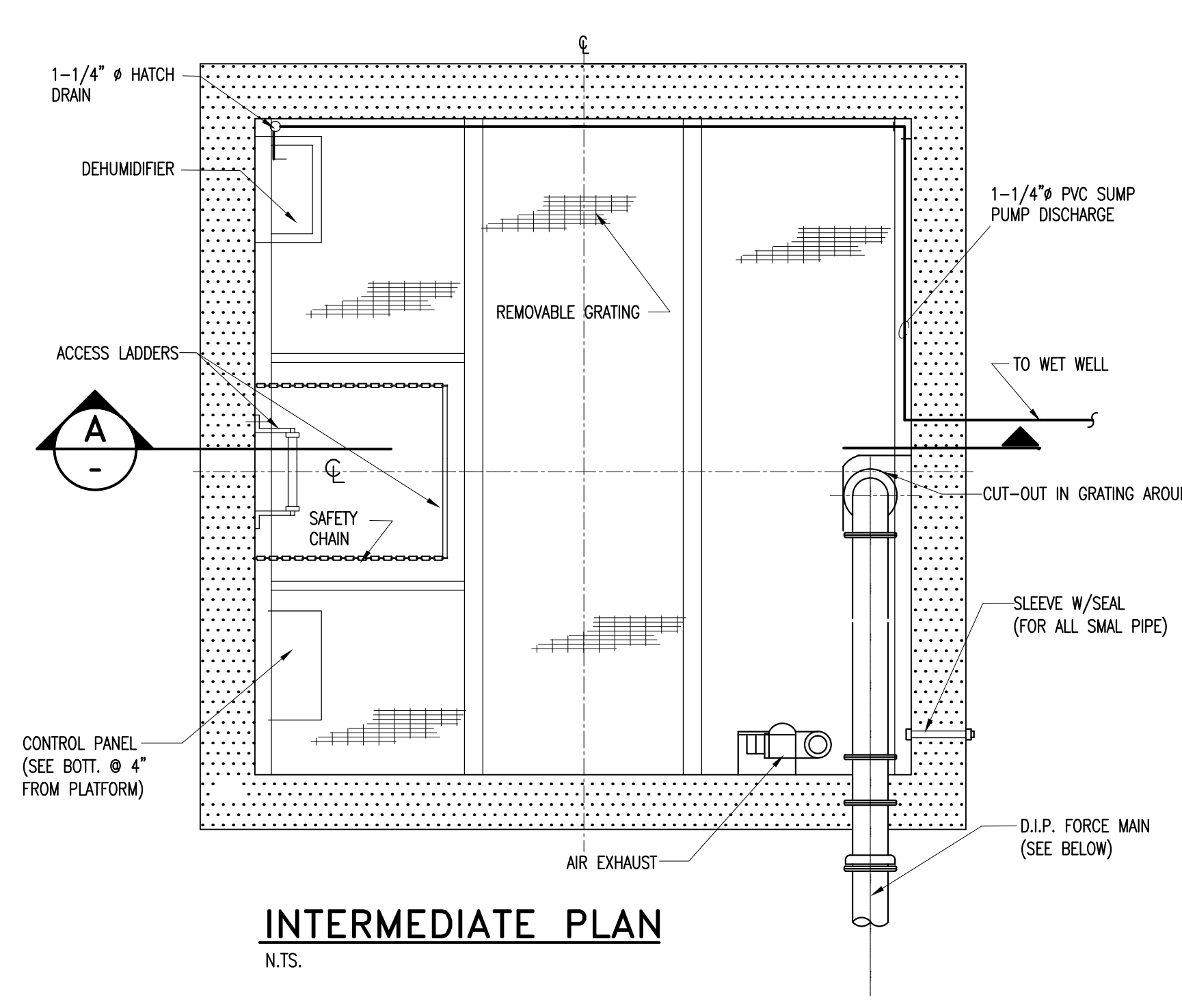
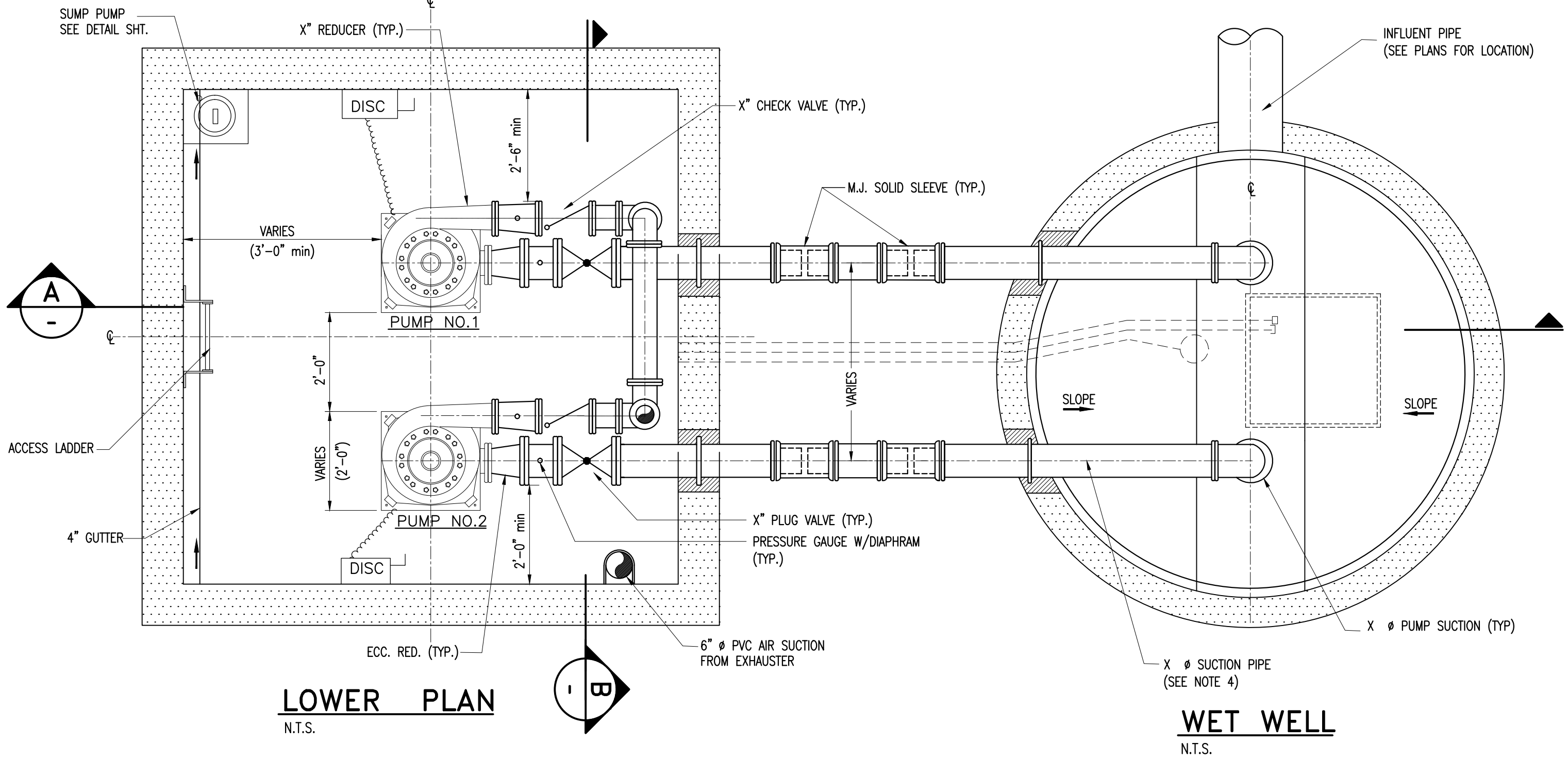


**PUMP STATION No. 0000**  
FACILITY OFFICIAL ADDRESS: FLORIDA 33100-0000

**DRY WELL/ WET WELL SEWAGE PUMP STATION**  
**2012 WAST DESIGN STANDARD**

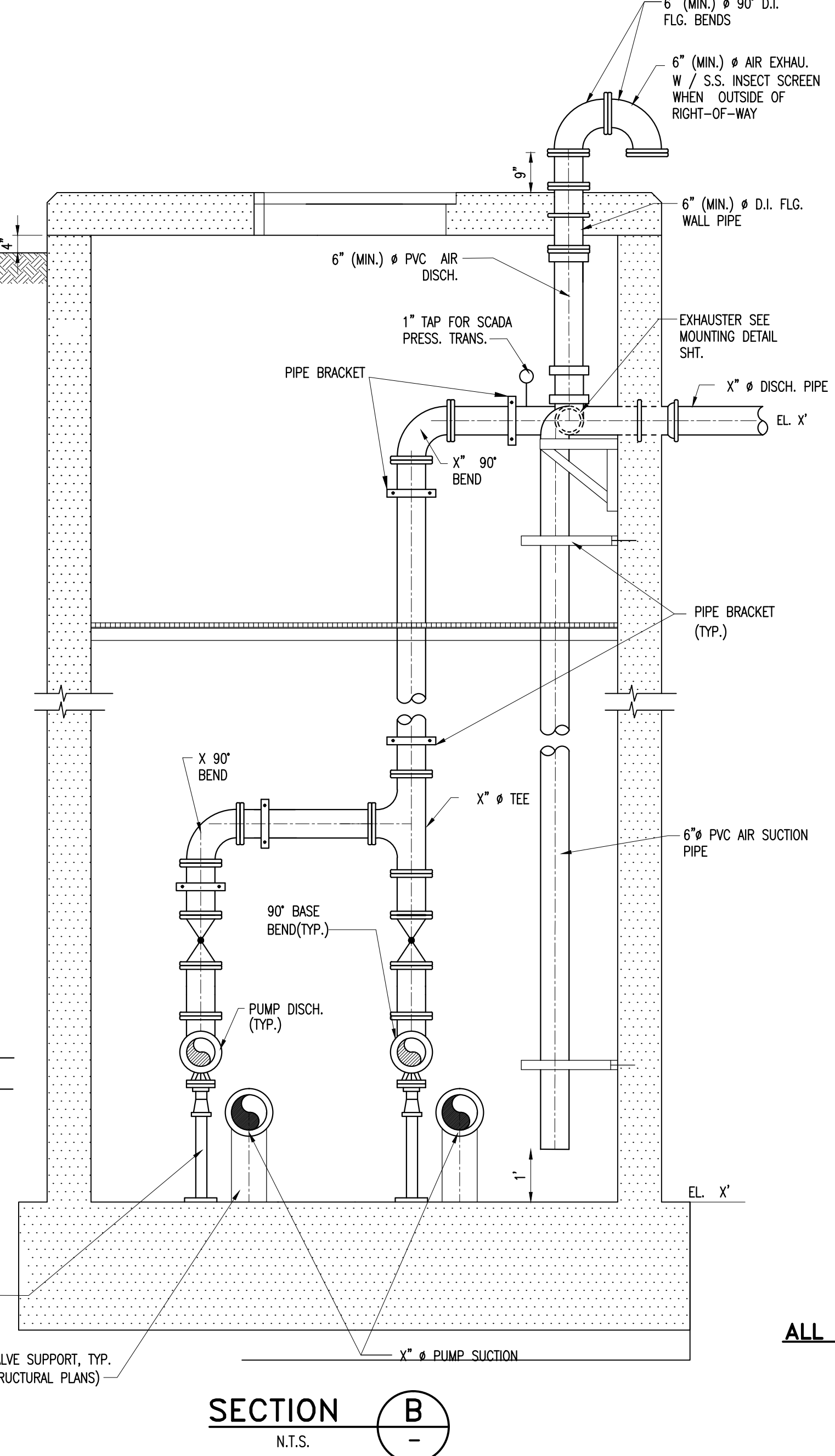
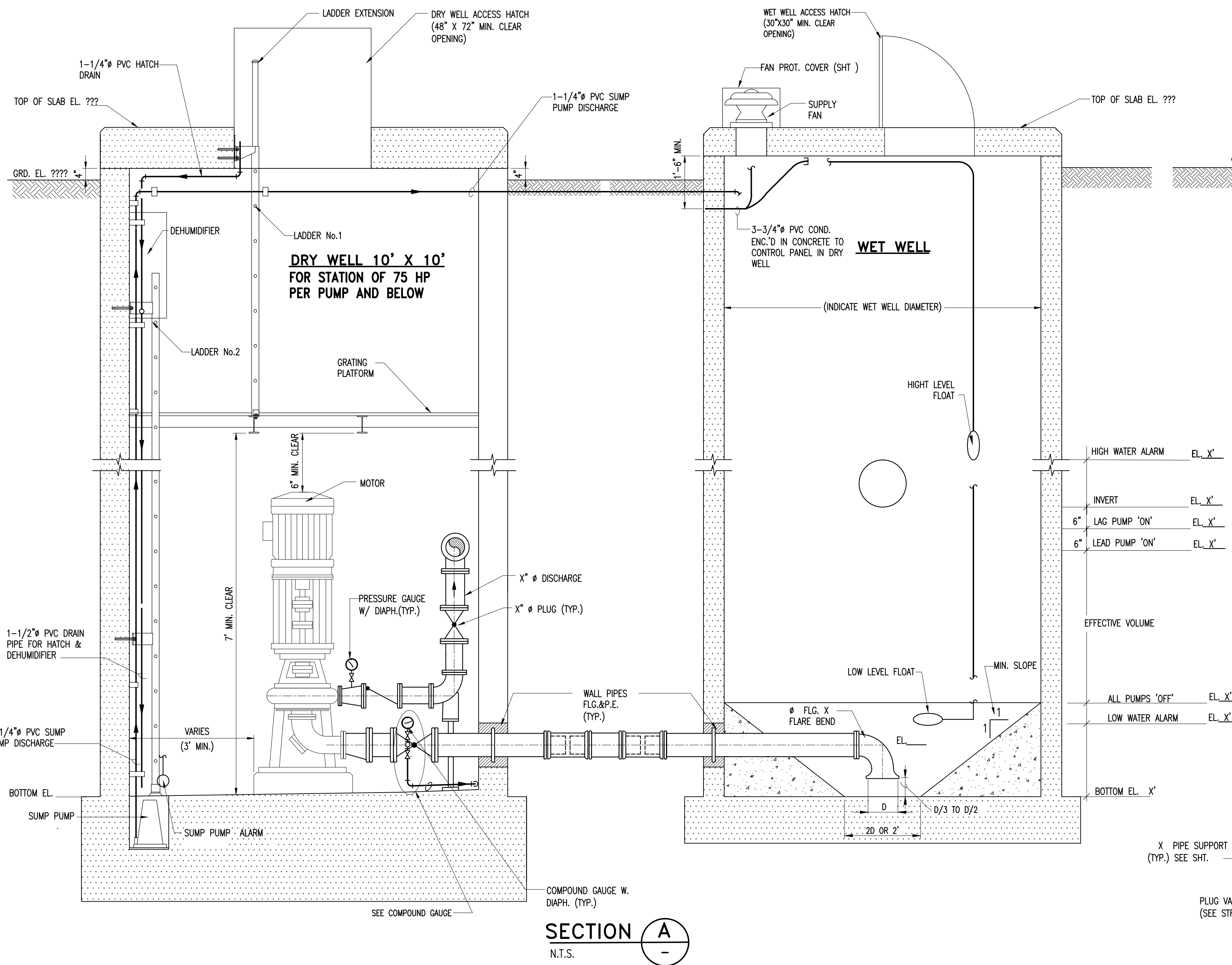
**10'x10' DRY WELL W/ 8' WET WELL**  
**MECHANICAL PLANS AND SECTIONS**



- NOTES:**
- FOR TRUE LOCATION OF DRY WELL, WET WELL, GRAVITY INFLUENT AND FORCE MAIN, REFER TO LOCATION PLAN.
  - ALL PIPE AND FITTINGS TO BE DUCTILE IRON, POLYETHYLENE LINED AND CEMENT LINED FOR 6" AND SMALLER, UNLESS OTHERWISE NOTED.
  - INTERCONNECTING WIRING BETWEEN DRY & WET WELL SHALL BE RUN THROUGH THE SERVICE ENCLOSURE OR A PULL BOX IN THE GENERATOR ROOM AS APPLICABLE AND OFFSET WITH SUMP PUMP DISCHARGE.
  - SUCTION PIPE SHALL BE SIZED FOR A VELOCITY OF 3 TO 4 FT/SEC. AND DISCHARGE PIPE SHALL BE SIZED FOR A VELOCITY OF 5 TO 6 FT/SEC.

**GENERAL NOTE**

THESE ARE NOT CONSTRUCTION DRAWINGS, BUT ARE GUIDELINES FOR MINIMUM DESIGN REQUIREMENTS. THE USER SHALL VERIFY AND MODIFY INFORMATION SHOWN HEREON IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS, TO COMPLY WITH THE REQUIREMENTS OF THEIR DESIGN AND MD-WASD REQUIREMENTS.



PUMP DATA:	
FLUID	RAW SEWAGE
INSTALLATION LOCATION	ADDRESS:
PUMP TYPE	DRY PIT NON-CLOG
RATED POINT	CAPACITY, GPM TDH, FEET
SHUT OFF HEAD, FT	???
CONTINUOUS OPERATING RANGE	MAXIMUM TDH, FT
	CAPACITY, GPM
	MINIMUM TDH, FT
	CAPACITY, GPM
PUMP EFFICIENCY	NPSHR, FT
	AT B.E.P., % MIN. @ RUNOUT, %
PUMP CONSTRUCTION	CASING
	IMPELLER
	SHAFT
	BEARINGS L-10 LIFE, HRS.
	MAX. SHAFT DEFLECTION IN OPERATING RANGE, MILS
	MAX. VEL. OF VIBRATIONS IN OP. RANGE, INCH/SEC
	SUCTION, INCHES
	DISCHARGE, INCHES
	RATED HP
	RPM
ELECTRIC MOTOR	VOLTS/PHASE/Hz/S.F.
	AMBIENT TEMP. FOR MOTOR RATING, °C
	MAXIMUM TEMP. RISE, °C
	BEARINGS L-10 LIFE, HRS.
	MAX. VIBRATION AMP., MILS
	NOISE LEVEL, dBA@1 METER
	NEMA DESIGN CODE LETTER
	START. CURR. LETTER CODE
	INSULATION CLASS
	MOTOR RATED HP NOT OVERLOADED AT ANY POINT IN THE PUMPS PERFORMANCE CURVE
MANUFACTURERS & MODELS	PUMP MOTOR

**DRAWING HISTORY**

RELEASED FOR	DATE	BY
REVIEW 30%		
REVIEW 70%		
REVIEW 100%		
PERMIT		

**REVISIONS**

No.	DESCRIPTION	DATE	BY

**APPROVALS**

CHIEF ENGINEER: \_\_\_\_\_

SECTION HEAD: \_\_\_\_\_

PROJECT MGR.: \_\_\_\_\_

DESIGNED: \_\_\_\_\_ CHECKED: \_\_\_\_\_

DRAWN: \_\_\_\_\_ FINAL CHECK: \_\_\_\_\_

Date: \_\_\_\_\_

ER No. : S000000 PCTS No. : 00000

FILE NAME: \_\_\_\_\_

DATE: AUG. 28, 2012 SCALE: \_\_\_\_\_

**SHEET M-1**

DWG. No. \_\_\_\_\_

**ALL PUMP STATION PLANS SHALL BE DRAWN TO SCALE**