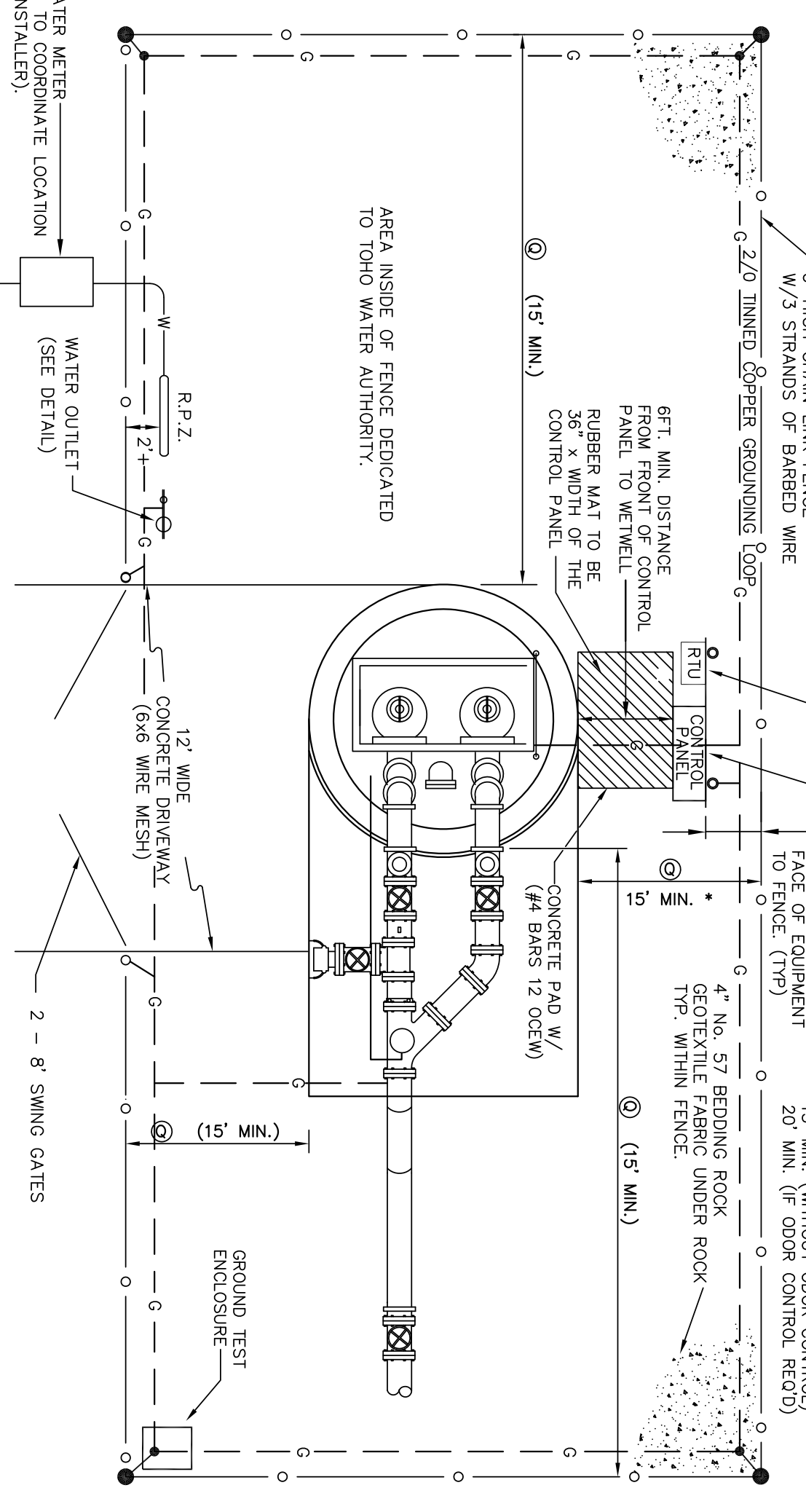
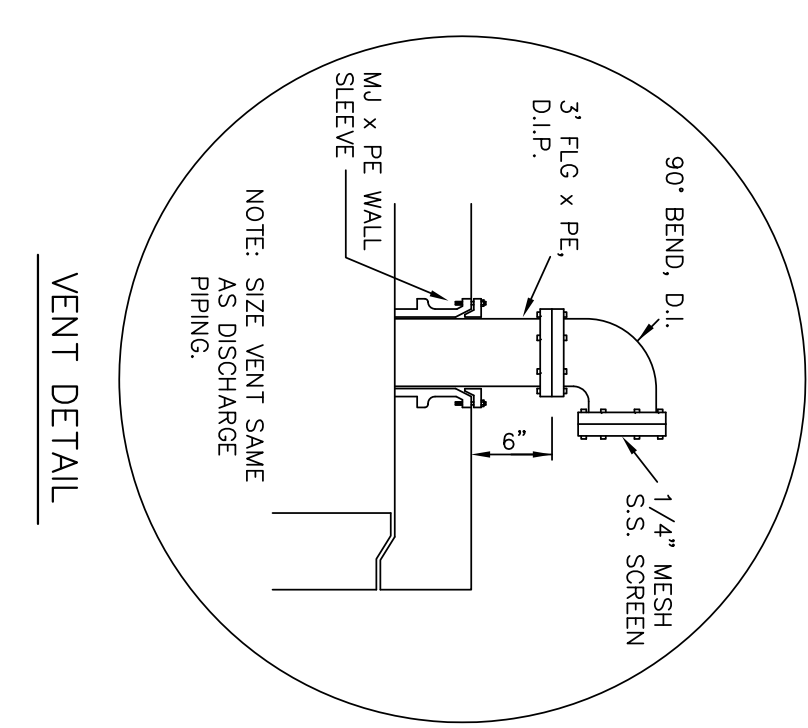
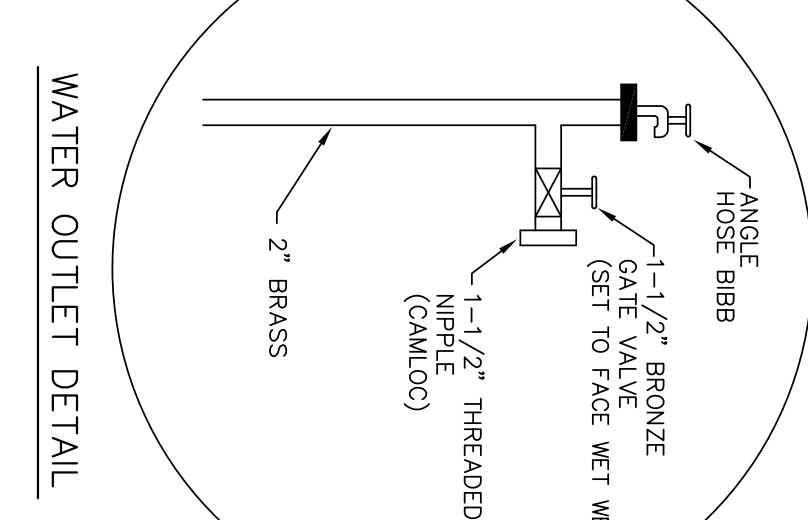
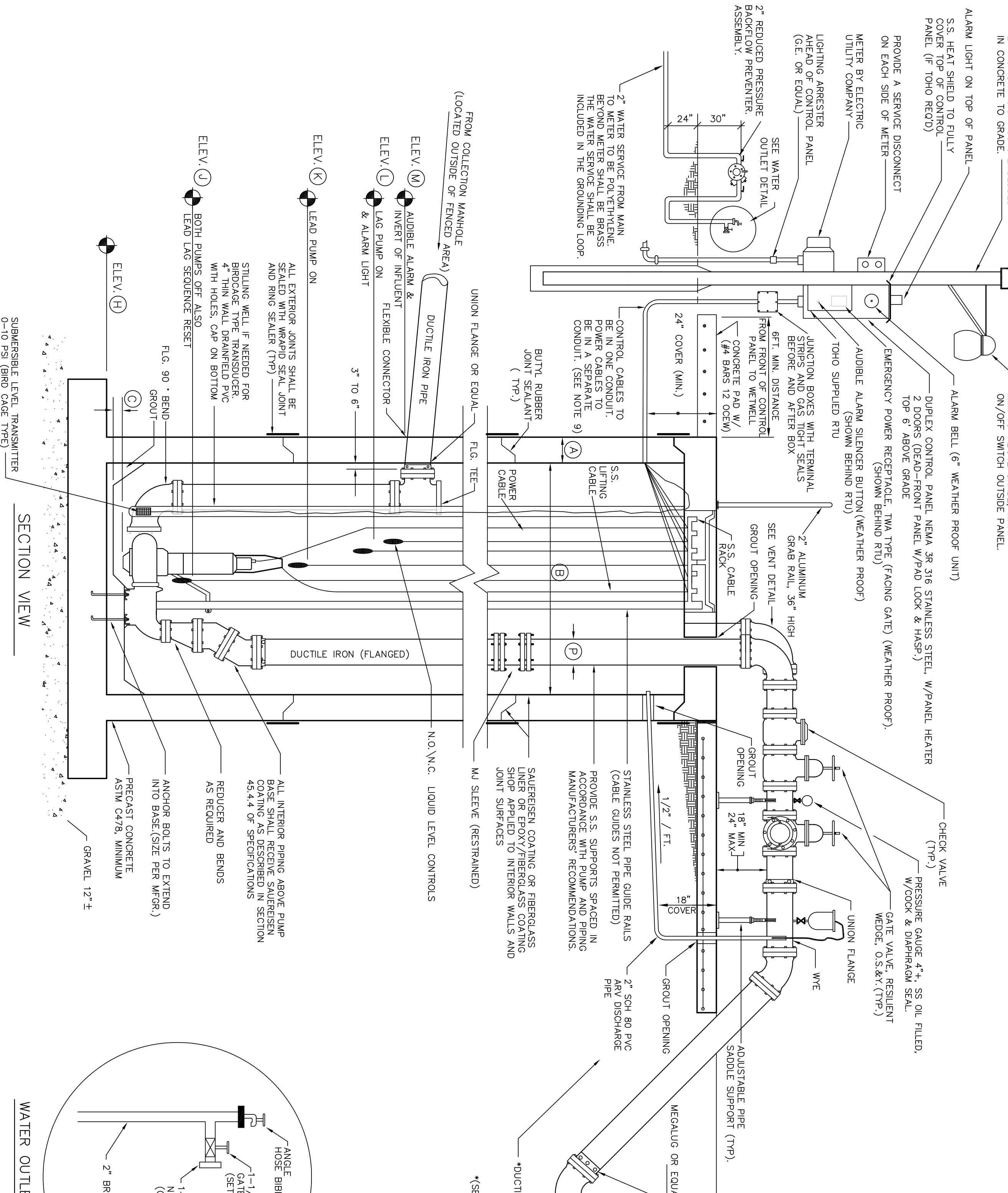


MARK	DIMENSIONS	DESCRIPTION	COMMENTS
DIM. (A)	8" MINIMUM		
DIM. (B)	8' 1.0. MINIMUM		
DIM. (C)	PER PUMP SUBMITTAL DATA		
DIM. (D)	0.25x(4)2"		
DIM. (E)	72" FOR 8' 1.0.		
DIM. (F)	30" FOR 6' 1.0., 48" FOR 8' 1.0.		PER PUMP MFG RECOMMENDATIONS
DIM. (G)	PER PUMP SUBMITTAL DATA		
DIM. (H)			
DIM. (I)			
DIM. (J)			
DIM. (K)			
DIM. (L)			
DIM. (M)			
DIM. (N)			
DIM. (O)			

THE GROUNDED COUNTERPOISE LOOP SHALL BE BONDED BY CADWELL TO GROUND RODS. THE FOLLOWING SHALL BE MECHANICALLY BONDED TO THE COUNTERPOISE LOOP:

1. ALL ITEMS NOT SPECIFIED ON THIS DETAIL SHEET SHALL MEET THE DETAIL IN THE LATEST EDITION STANDARDS, SPECIFICATIONS AND DRAWINGS.
2. PRECAST CONCRETE SHALL BE OF TYPE 2 CEMENT, 4,000 PSI.
3. LIFT HOLES NOT PERMITTED THROUGH WALLS.
4. ALL ABOVE GROUND PIPING TO BE FLANGED.
5. SEE PANEL DRAWING FOR TELEMETRY SYSTEM DETAILS.
6. SPECIFIED TELEMETRY SHALL BE PAID FOR BY CONTRACTOR. UNIT SHALL BE FURNISHED AND INSTALLED BY TOHO WATER AUTHORITY.
7. ALL TAPS TO BE MADE WITH A TAPPING SADDLE.
8. AN ABOVE CONTROL SYSTEM SHALL BE PROVIDED FOR ALL PUMP STATIONS OVER 1,500 GPM AND/OR WITHIN 50 FEET OF ANY CONDUIT FROM THE WETWELL. SHALL BE GALVANIZED STEEL WITH AN INTERIOR COATING OF PROTECTO 401 (O.E.) UP TO AND INCLUDING THE SEALOFF CONNECTION.
9. ALL CONDUIT SHALL BE RIGID, SEAL-TIGHT CONDUIT SHALL NOT BE USED.
10. ALL INTERIOR AND EXTERIOR MOUNTING HARDWARE SHALL BE OF 316 STAINLESS STEEL.



NOTE:
YARD PIPING PLAN IS A GENERIC PLAN SHOWING REQUIRED PIPING. A SPECIFIC SITE PLAN IS REQUIRED IDENTIFYING LOCATION OF DRIVEWAYS/ACCESS ROADS. LAYOUT MUST INCLUDE SITE GRADING TO SHOW DRAINAGE AWAY FROM STRUCTURE AND SITE A LAYOUT DEVIATING FROM THIS DETAIL MUST BE DRAWN TO SCALE AND SHOW ALL WET WELL WITHIN THIS DETAIL & EFFLUENT PIPING TO ENSURE SUFFICIENT SPACE WITHIN THE WET WELLS TO ACCOMMODATE TRANSFORMERS. TRANSFORMERS MUST BE LOCATED OUTSIDE THE FENCED AREAS.

NO.	DATE	DESIGNED	CHECKED	BY	REVISION
		JH	JH	ROBERT F. PELHAM, PE	

DESIGNED	JH	DRAWN	JH
CHECKED	RFP	CHECKED	RFP
BY	SUPERVISED BY		
	ROBERT F. PELHAM, PE		

TOHO WATER AUTHORITY		DUPLEX LIFT STATION DETAILS	
101 NORTH CHURCH STREET	KISSIMMEE, FLORIDA	34741-5054	FLORIDA
(407) 518-2160	FAX (407) 847-7945		

PROJECT NO.	1
WORKSTATION:	WS 1
SHEET NO.	1 of 1