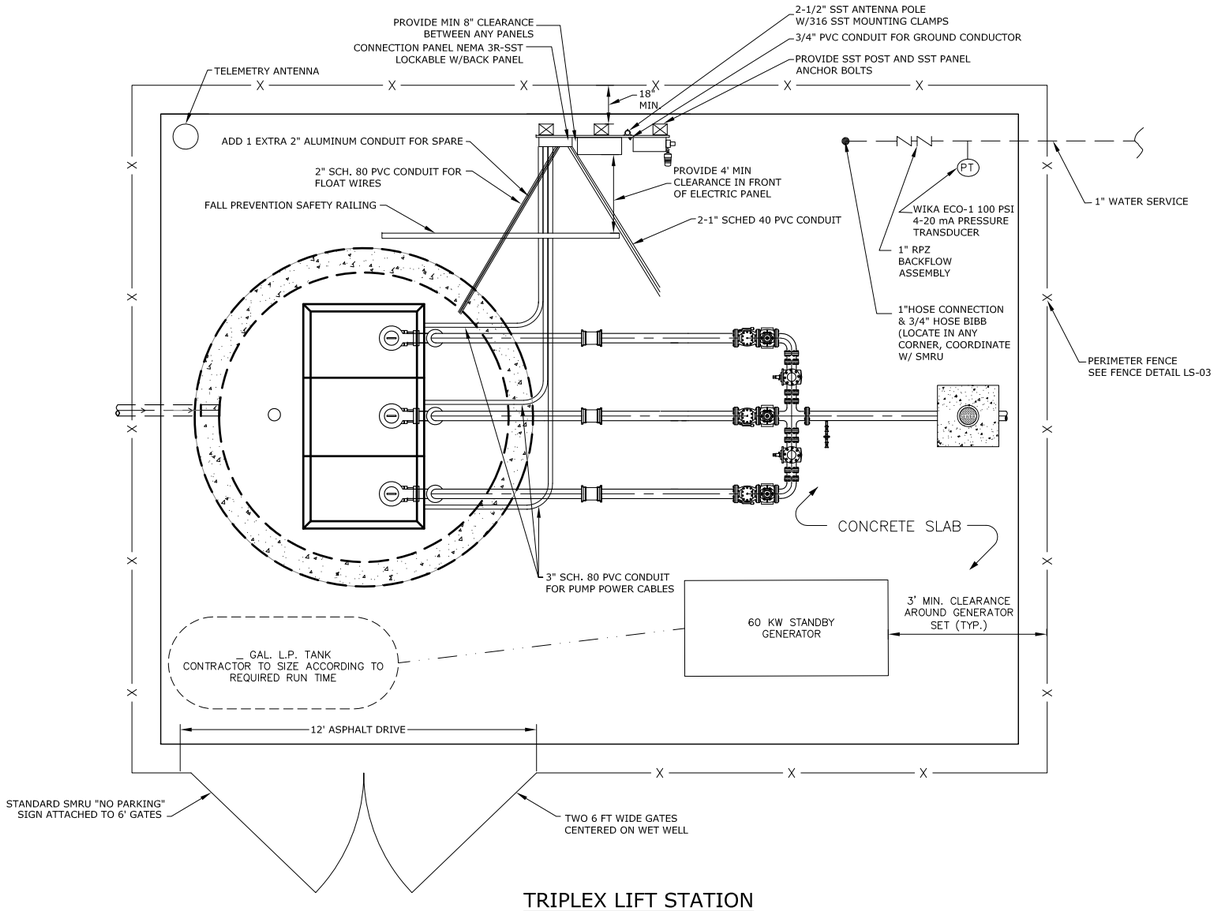
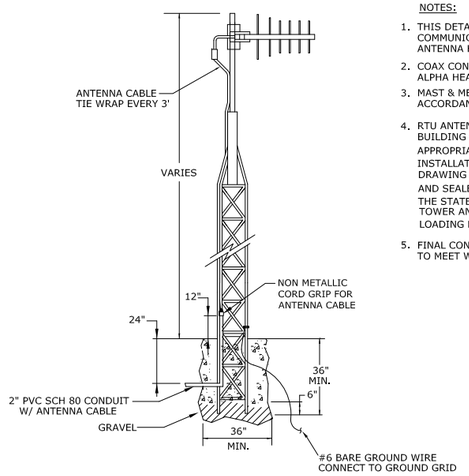


TRIPLEX LIFT STATION PLAN VIEW
NTS

NOTES:

1. **COLLECTOR MANHOLE SHALL NOT BE PLACED IN TRAVEL LANE OR AREAS THAT WOULD LIMIT ACCESS**
2. **LANDSCAPING SHALL BE A MINIMUM OF 2' FROM FENCE. TREE PLACEMENT AND LANDSCAPING SHALL BE APPROVED BY SMRU**
3. **CONTRACTOR SHALL INSTALL PERMANENT FALL RESTRAINT ANCHOR SYSTEM AROUND WET WELL PER OSHA STANDARDS**
4. **ENGINEER TO PREPARE SITE PLAN TO SHOW ACTUAL DIMENSIONS AND ORIENTATION**
5. **ACCESS ROAD TO CONFORM TO MARTIN COUNTY ENGINEERING DETAILS FLEXIBLE PAVEMENT SECTION - LOCAL**
6. **OVERALL SLAB DIMENSIONS SHALL BE BASED ON MINIMUM CLEARANCES. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO CONSTRUCTION**

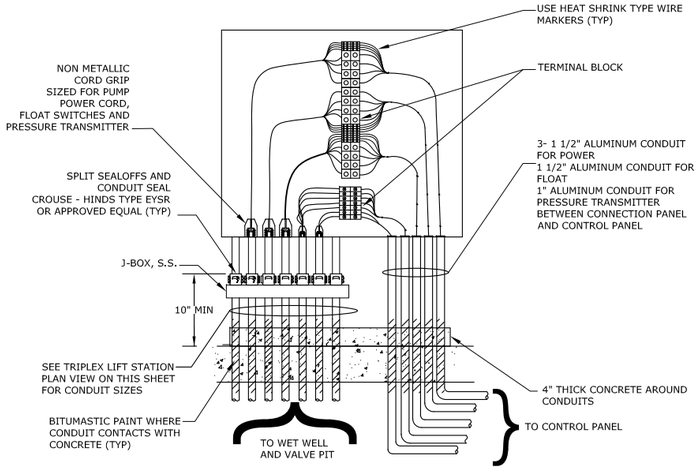
FLORIDA LICENSED PROFESSIONAL ENGINEER TO REVIEW AND MODIFY ELECTRICAL DESIGN AS REQUIRED TO ACCOMPLISH CONSTRUCTION IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.



RADIO ANTENNA MOUNTING DETAIL
NTS

NOTES:

1. THIS DETAIL SHALL BE USED FOR LIFT STATION WITH COMMUNICATION PATH OBSTRUCTION WHICH REQUIRES ANTENNA HEIGHT GREATER THAN 18'.
2. COAX CONNECTORS SHOULD BE WRAPPED IN ALPHA HEAT SHRINK FIT-321-1INCH.
3. MAST & METAL STRUCTURE SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C. SECTION 810-21.
4. RTU ANTENNA TOWER INSTALLATION SHALL MEET FLORIDA BUILDING CODE WIND LOADING REQUIREMENT WITH APPROPRIATE WIND GUST FACTOR FOR THE LOCATION OF INSTALLATION. THE CONTRACTOR SHALL INCLUDE THE SHOP DRAWING SUBMITTAL, A WIND LOADING CALCULATION SIGNE AND SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF FLORIDA SHOWING THAT THE PROPOSED TOWER AND INSTALLATIONS WILL MEET THE GIVEN WIND LOADING REQUIREMENT.
5. FINAL CONCRETE BASE SIZE TO BE ADJUSTED TO MEET WIND LOADING REQUIREMENT.



TRIPLEX CONNECTION PANEL DETAIL
NTS

NOTES:

1. **AREAS INSIDE WETWELL AND VALVE BOX ARE CONSIDERED A CLASS 1, DIVISION 2 AREA IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE**
2. **ALL OTHER AREAS ARE NOT CLASSIFIED**
3. **NO PENETRATIONS SHALL BE PERMITTED IN THE TOP OF ANY PANEL BOX**
4. **PROVIDE DUCT SEAL IN ALL CONDUITS.**

SOUTH MARTIN REGIONAL UTILITY (SMRU)
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TRIPLEX STATION SITE PLAN
CONSTRUCTION STANDARDS AND DETAILS
MARTIN COUNTY FLORIDA

PLAN STATUS	
DATE	DESCRIPTION

M.E.S. DRAWN	M.L. CHKD

SCALE NTS

DATE JUNE, 2016

SHEET LS 18