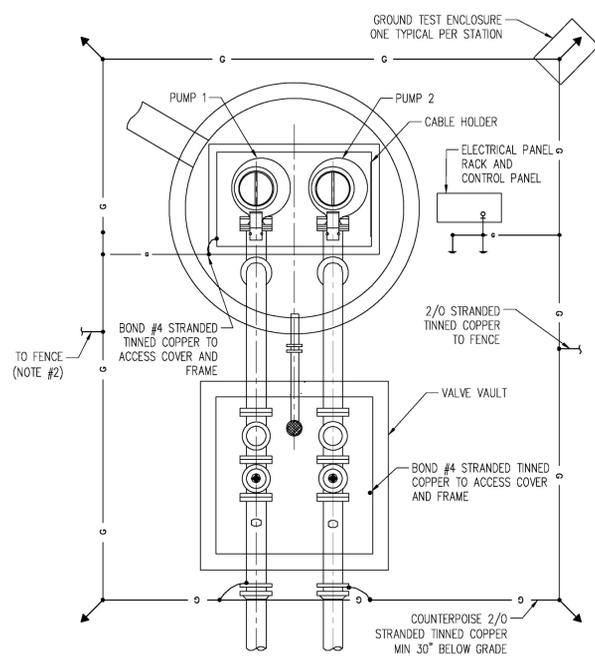
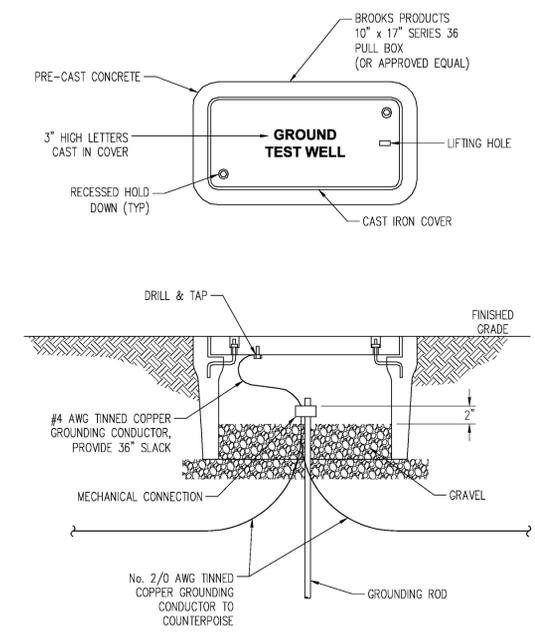


1 EMERGENCY PUMP OUT
N.T.S.

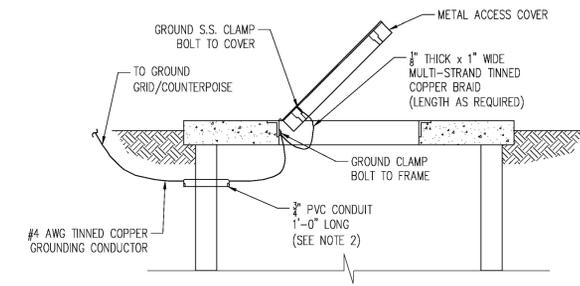


- NOTES:**
1. DETAIL IS GENERIC. SPECIFIC LOCATIONS OF EQUIPMENT MAY VARY.
 2. TIE TO FENCE, MINIMUM 2 LOCATIONS. NOT REQUIRED WHERE PVC COATED, BLOCK, OR WOOD FENCE IS INSTALLED.
 3. PROVIDE EXOTHERMIC WELDS UNLESS NOTED OTHERWISE.

PUMP STATION GROUNDING (TYPICAL)



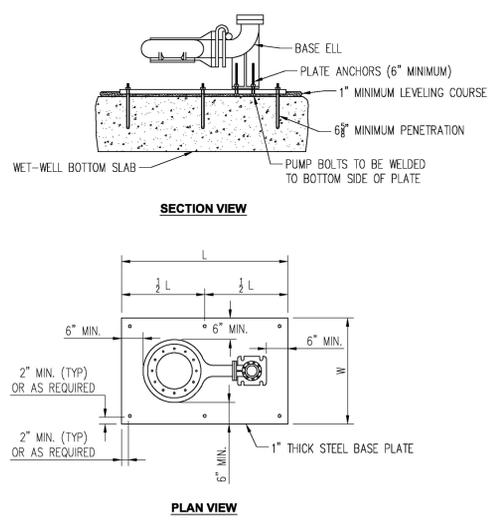
GROUND TEST WELL



COVER AND DOOR GROUNDING

- NOTES:**
1. ON COVERS WITH MULTIPLE DOORS, PROVIDE BRAID FROM FRAME TO DOOR ON EACH DOOR. PROVIDE WATERPROOF CAULKING WHERE GROUND CABLE AND CONDUIT PENETRATES WETWELL TO PREVENT INTRUSION OF GROUNDWATER AND ESCAPE OF VAPORS FROM WETWELL.
 2. INSTALL GROUND WIRE SO THAT IT WILL NOT CROSS CLEAR OPENING OR PREVENT OR IMPEDE NORMAL METHOD OF REMOVING FLOATS OR PUMPS.

2 PUMP STATION GROUNDING DETAIL
N.T.S.



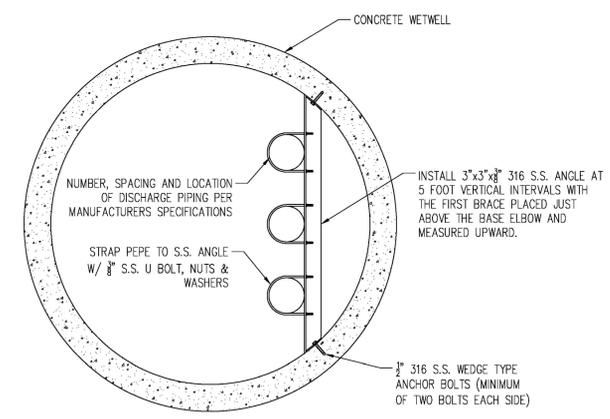
3 SUBMERSIBLE PUMP VASE PLATE DETAIL
N.T.S.

- NOTES:**
1. PLACE ANCHORS TO BE 3/4" DIAMETER, CONSTRUCTED OF 316 S.S. (H.A.S. ROD) W/ "HVA" ADHESIVE CAPSULE PROVIDING AN EMBEDMENT DEPTH OF 6/8" (HILTI OR APPROVED EQUAL).
 2. NO EXPANSION ANCHORS ALLOWED.
 3. PLATE SIZE SHALL BE 6" LARGER THAN BASE ELL & PUMP VOLUTE (TYPICAL ALL AROUND).
 4. BASE ELL BOLTS AND STUDS TO BE TYPE 316 STAINLESS STEEL.
 5. BASE ELL BOLT HEADS SHALL BE WELDED TO UNDERSIDE OF STEEL PLATE.

PUMP PLATE SIZING CHART

PUMP MODEL	LENGTH (IN)	WIDTH (IN)	# OF PUMPS	WETWELL # (IN)
*	*	*	*	*

* - TO BE COMPLETED BY DESIGN ENGINEER



4 PIPE BRACING DETAIL
N.T.S.

WINTER GARDEN STANDARDS INCORPORATED WITH DESIGN ENGINEERS DOCUMENTS:
THE DETAILS, NOTES AND SPECIFICATIONS SHOWN ON THIS SHEET REPRESENT THE NOTED STANDARDS OF THE CITY OF WINTER GARDEN FOR CONSTRUCTION OF PUBLIC WORKS AND UTILITY INFRASTRUCTURE. BY INCLUDING THE STANDARDS, THE DESIGN ENGINEER HAS ACKNOWLEDGED THAT THEY ARE EFFECTIVE TO THE PROJECT AND THAT DETAILS, NOTES, OR SPECIFICATIONS ARE AS PROVIDED BY THE CITY AND HAVE NOT BEEN REVISED OR MODIFIED WITHOUT WRITTEN APPROVAL FROM THE CITY ENGINEER OR UTILITY DIRECTOR.

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CITY OF WINTER GARDEN, FLORIDA
STANDARDS AND SPECIFICATIONS
FOR UTILITY CONSTRUCTION



STANDARD DETAILS
FOR
LIFT STATION - DETAILS

DATE
JANUARY 2024

SHEET
5