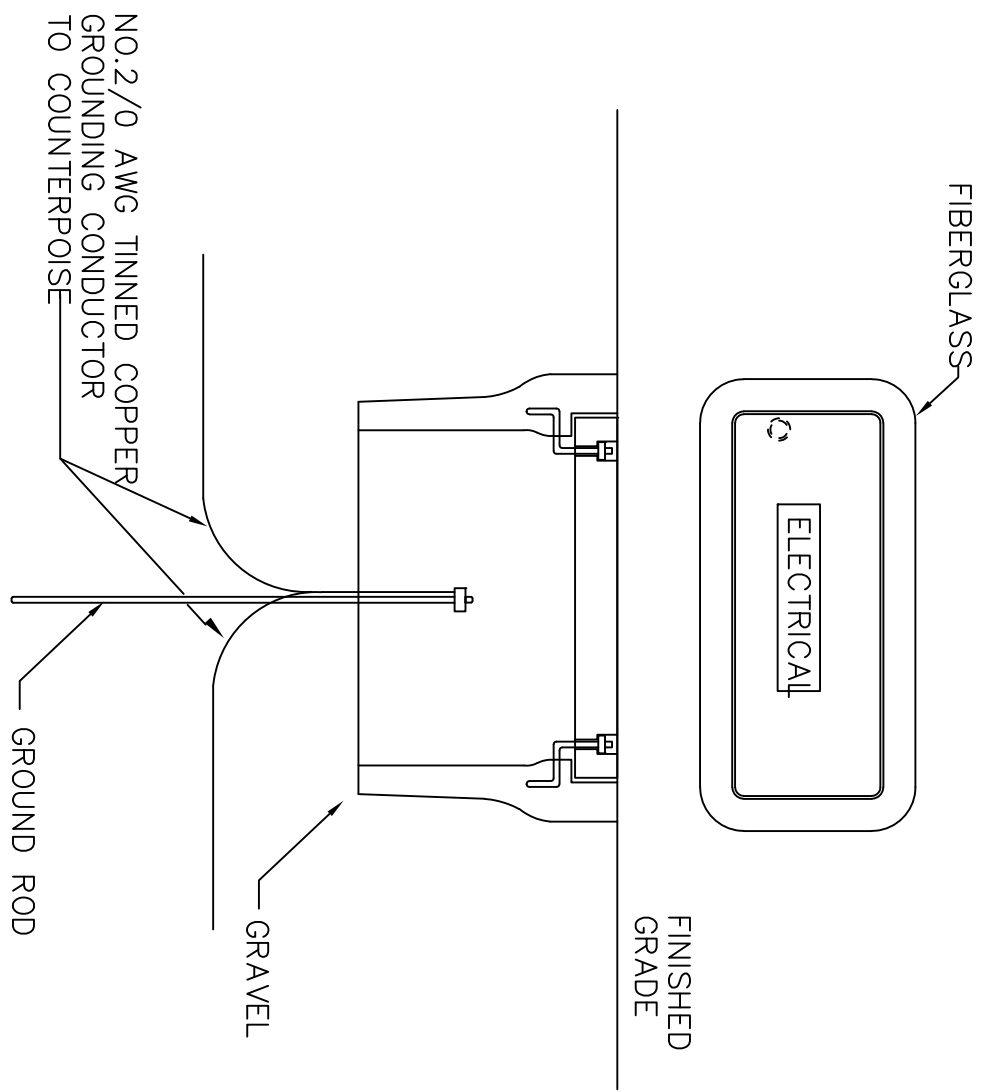


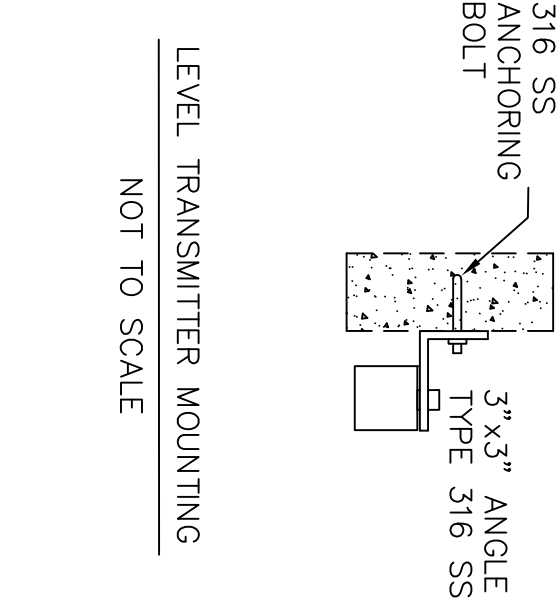
MISCELLANEOUS LIFT STATION DETAILS - II

EFFECTIVE DATE:	04/01/2025
BOARD APPROVED DATE:	01/22/2025
PREVIOUS VERSION:	2022
DRAWN BY:	MP
REVISED BY:	DT

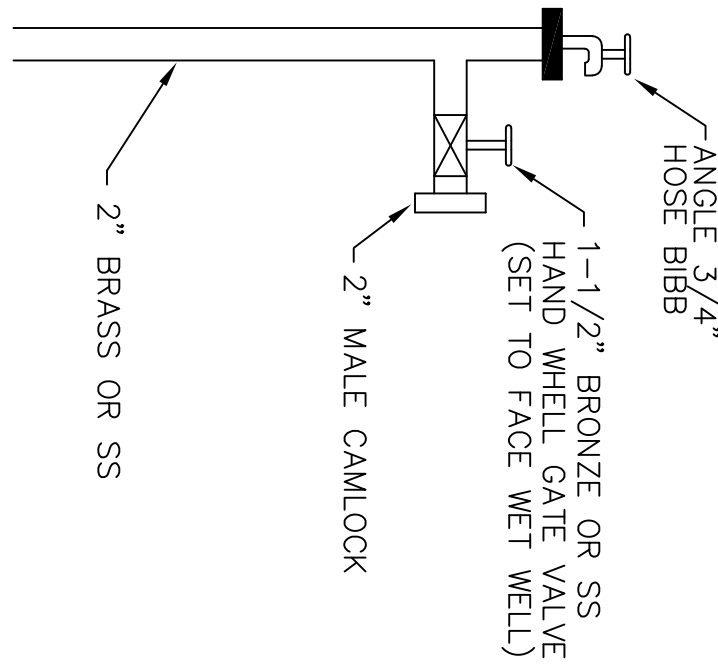


GROUNDING NOTES:

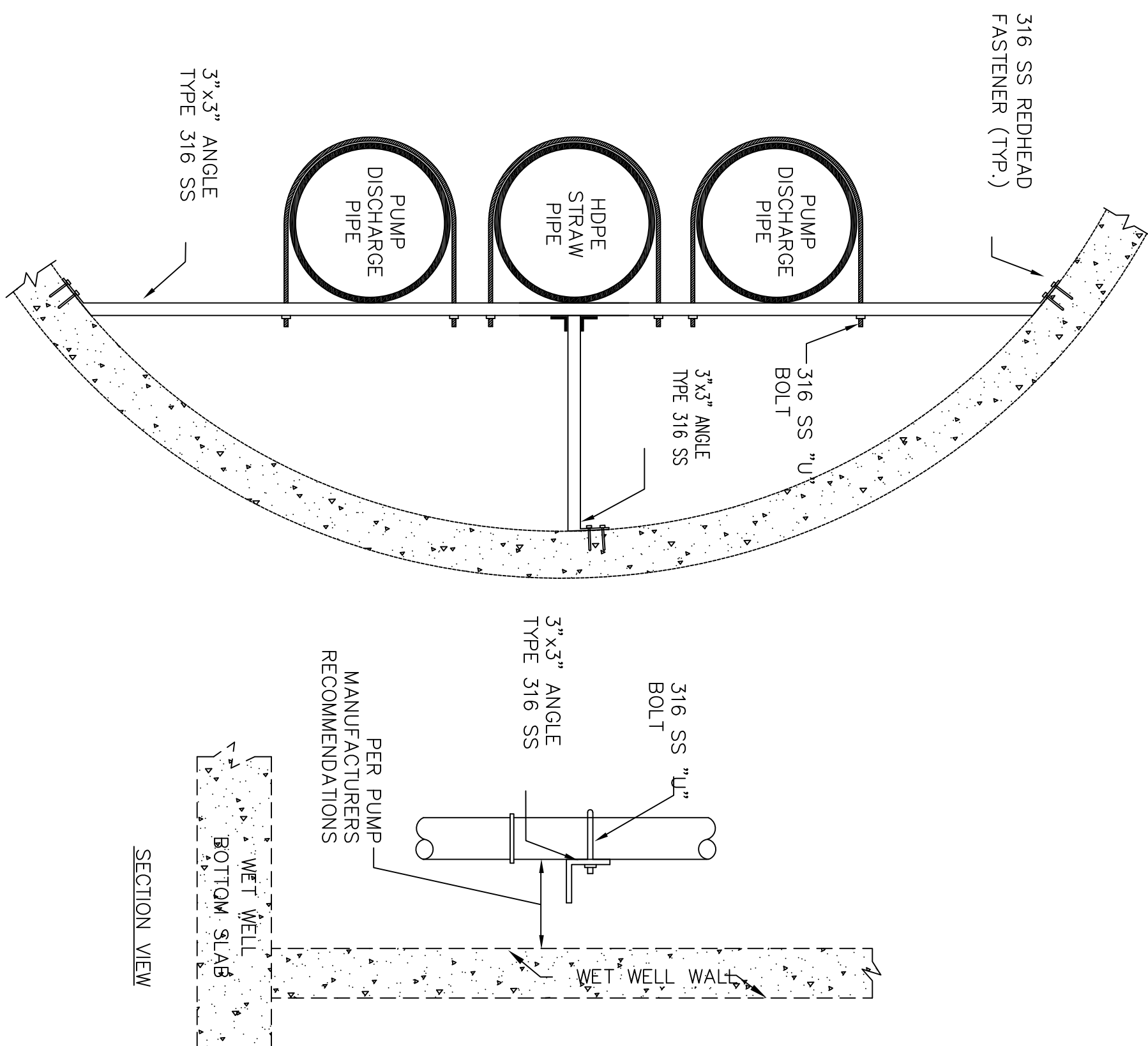
- 1. CONNECTIONS TO THE COUNTERPOISE LOOP SHALL BE CADWELDED TO THE GROUND ROD(S) AND ALL WIRE PIGTAILS.
- 2. CONNECTIONS TO THE COUNTERPOISE LOOP FOR THE FOLLOWING SHALL BE MECHANICALLY BONDED:
  - CORNER POSTS
  - GATE POSTS, GATE AND FENCE
  - WATER SERVICE
  - CONTROL PANEL
  - WET WELL HATCH AND HANDRAIL
  - DISCHARGE PIPING
  - ALL METAL CONDUIT ENTRIES INTO CONTROL PANEL BY MEANS OF GROUNDING BUSHINGS
  - MAIN DISCONNECT SWITCH
  - UTILITY COMPANY TRANSFORMER
  - GENERATOR
  - ODOR CONTROL
  - SERVICE DISCONNECT SWITCH
  - TELEMETRY PANEL



LEVEL TRANSMITTER MOUNTING  
NOT TO SCALE



WATER OUTLET DETAIL  
NOT TO SCALE



NOTES:

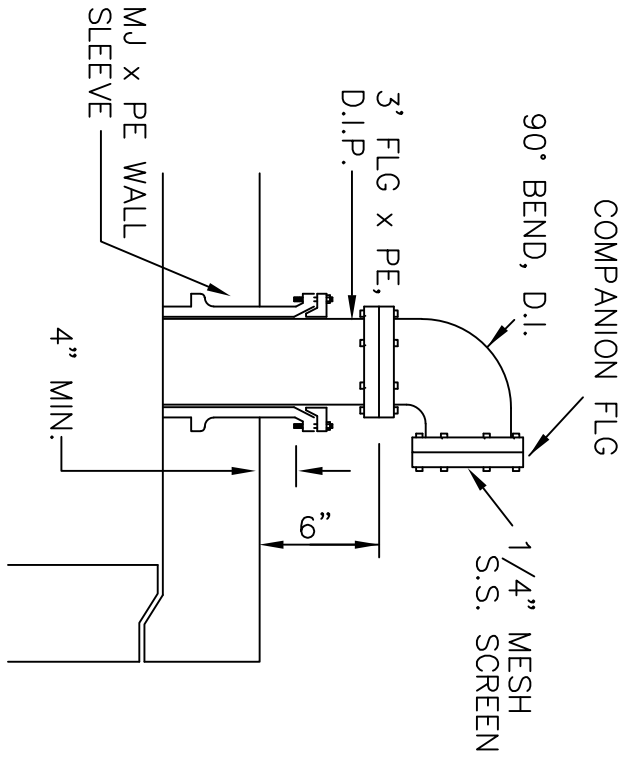
- 1. ALL COMPONENTS AND BRACKET ASSEMBLIES INSIDE THE WET WELL SHALL BE 316 STAINLESS STEEL.
- 2. BRACKETS SHALL BE SPACED AS INDICATED IN THE APPROVED CONSTRUCTION DRAWINGS OR AT THE DIRECTION OF TOHO.
- 3. PIPE SIZES AND MATERIALS SHALL BE AS INDICATED IN THE APPROVED CONSTRUCTION DRAWINGS.
- 4. A MINIMUM OF WALL SUPPORT BRACKETS ARE REQUIRED WITH A MAX VERTICAL SPACING OF 10'.
- 5. WELD ALL CONNECTIONS EXCEPT U-BOLTS.

PIPE FASTENING BRACKET  
NOT TO SCALE

NOTES:

- 1. STRAW PIPE SHALL BE SIZED TO MATCH PUMP DISCHARGE PIPING.
- 2. SUPPORTS SHALL BE PROVIDED TO MATCH PUMP DISCHARGE PIPING REQUIREMENTS.
- 3. BOTTOM ELEVATION OF STRAW PIPE TO MATCH ELEVATION "F" FROM LIFT STATION DETAIL TOHO-31.0

STRAW PIPE DETAIL  
NOT TO SCALE



NOTE: SIZE VENT DIAMETER SAME AS DISCHARGE PIPING. LENGTH = SLAB THICKNESS PLUS 4" MIN.

VENT DETAIL  
NOT TO SCALE

THIS DETAIL IS NOT INTENDED TO ENCOMPASS ALL CONSTRUCTION DETAILS FOR LIFT STATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REFER TO ALL OF TOHO'S LIFT STATION DETAILS AS WELL AS TOHO'S STANDARDS AND SPECIFICATIONS MANUAL.