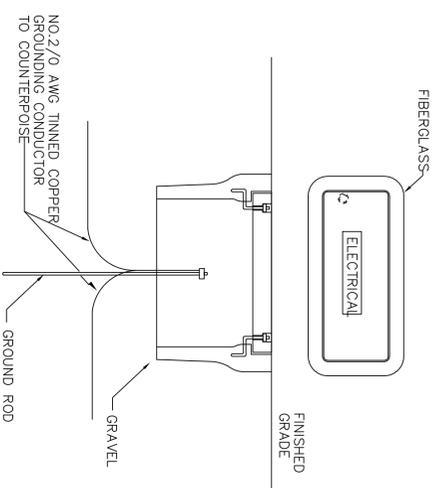


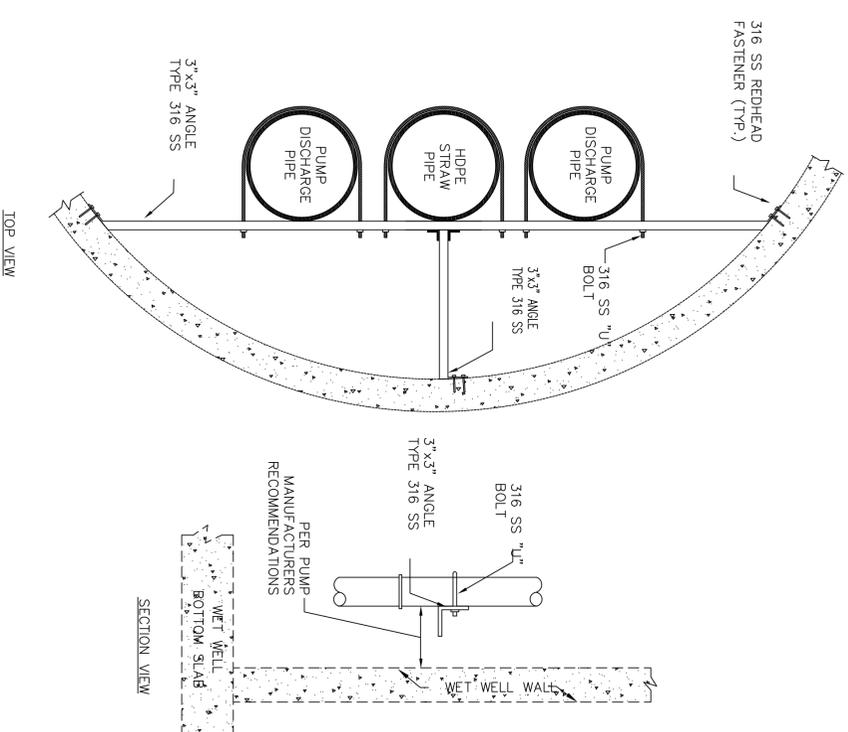
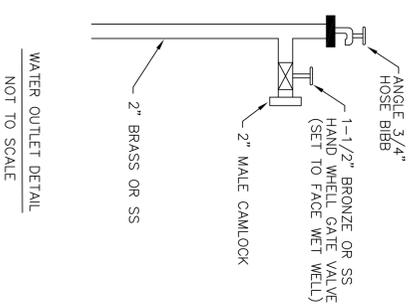
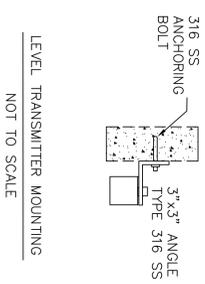
MISCELLANEOUS LIFT STATION DETAILS - II

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



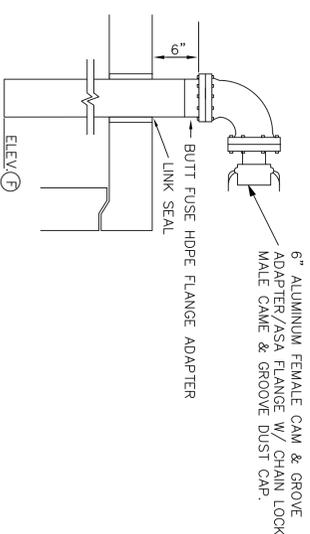
GROUNDING NOTES:

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 WET WELL CONDUIT ENTRIES INTO MAIN DISCONNECT SWITCH
GROUNDING BUSHINGS
UTILITY COMPANY TRANSFORMER
GENERATOR
ODOR CONTROL
SERVICE DISCONNECT SWITCH
TELEMETRY PANEL



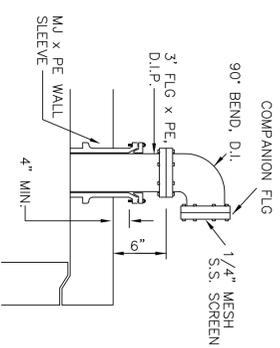
NOTES:

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.