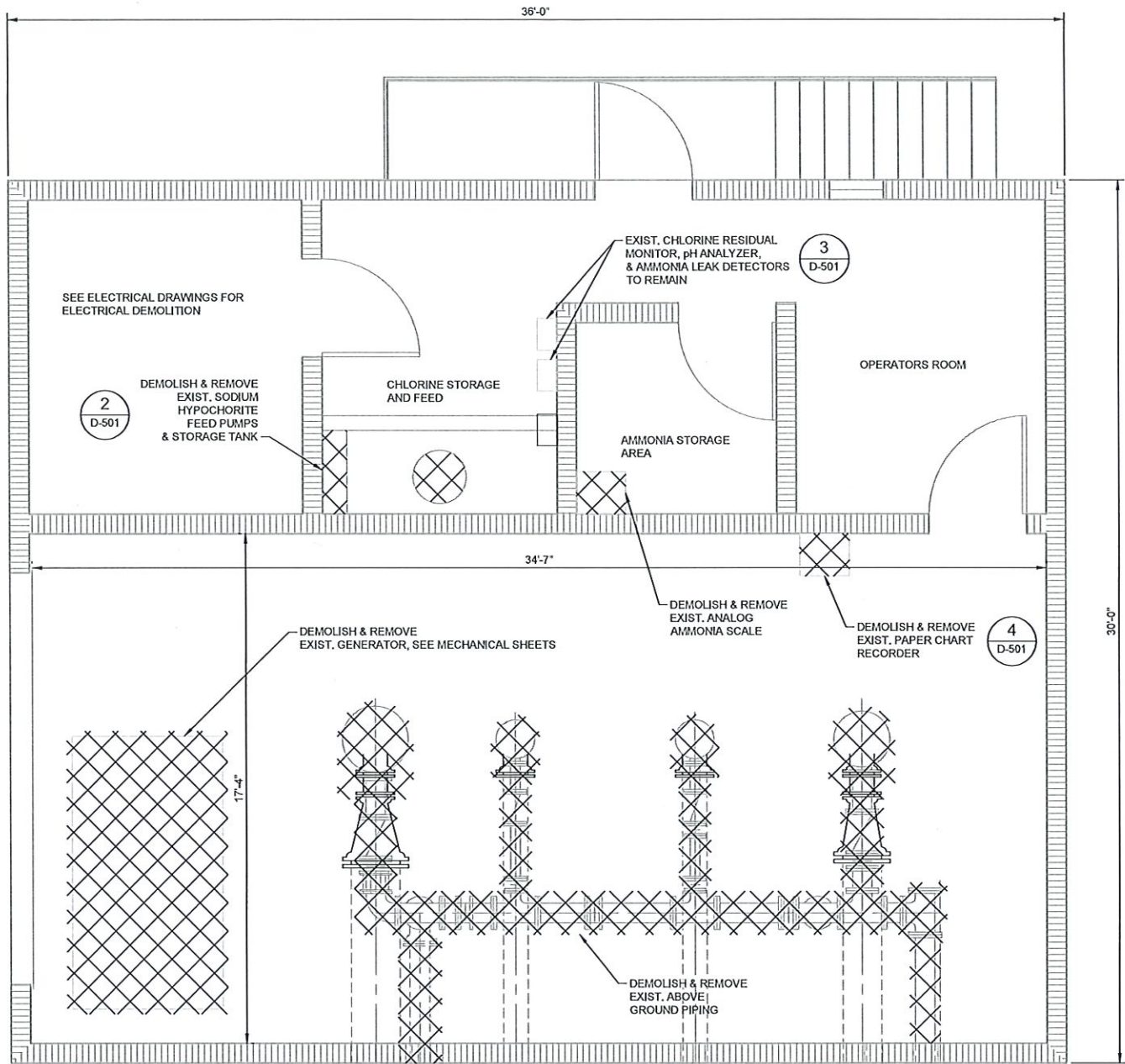


5/21/2025 6:10:05 PM - O:\PROJECTS\ORLANDO\IER08486\200-08486-22002\CAD\SHEETFILES\IPS IMPROVEMENTS\D-101 PUMP STATION DEMOLITION PLANDWG - CYR, STEVE



PUMP STATION DEMOLITION PLAN

SCALE: 3/8"=1'-0"



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ESTERO, FL 33528
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COLLIER COUNTY PUBLIC UTILITIES
GOODLAND PUMP STATION IMPROVEMENTS
PUMP STATION
DEMOLITION PLAN

PROJ: 200-08486-22002
DESJ:
DRWN:
CHKD:

D-101

Copyright: Tetra Tech

DEMOLISH & REMOVE
EXIST. CONC. CONTAINMENT WALL

ROUTE ANALYZER DRAIN TO PROPOSED DRYWELL

(7)
D-50



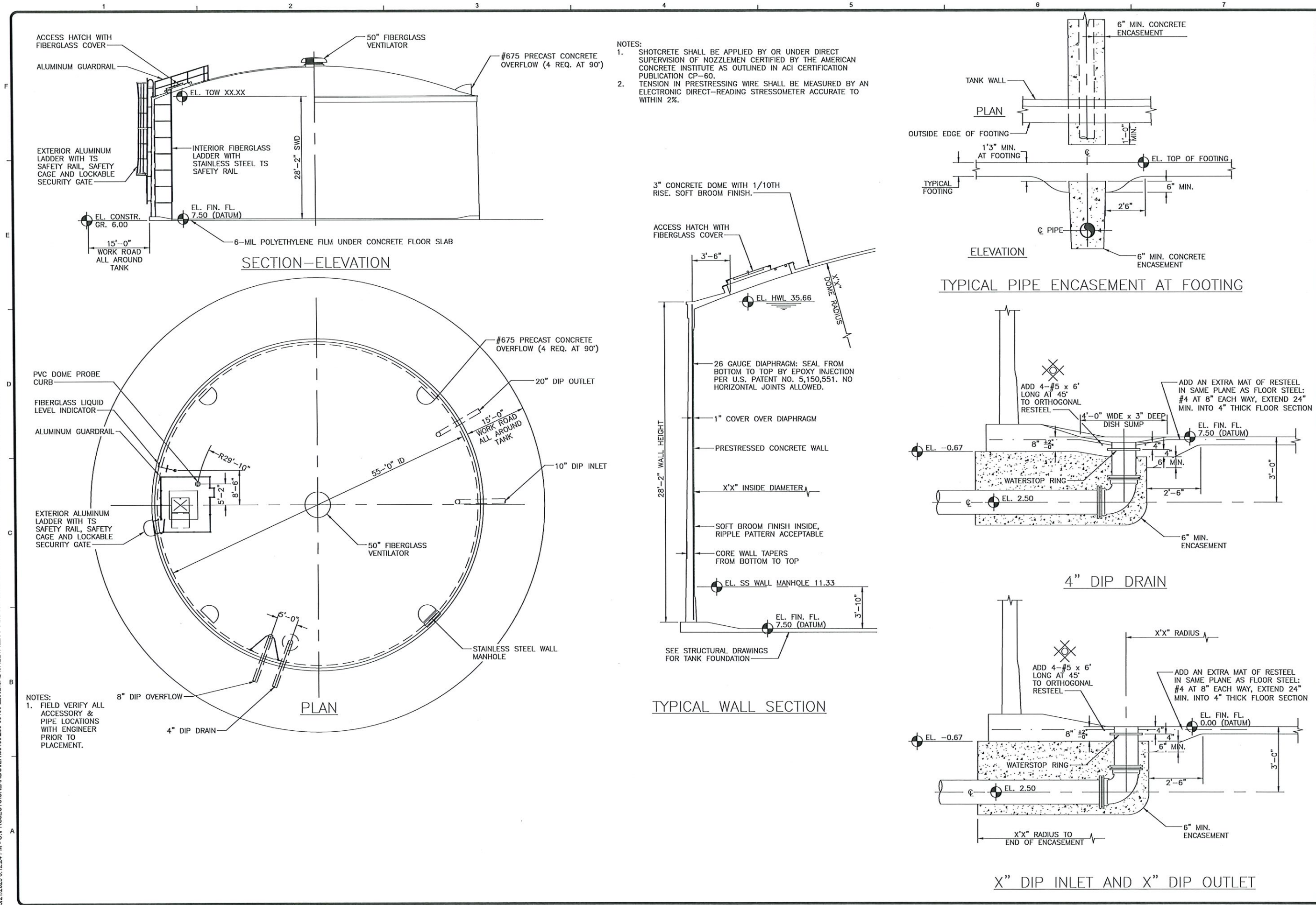
Collier County

[illegible]



SCALE: 3/8"=1'-0"

Copyright: Tetra Tech



NOTES:

1. SHOTCRETE SHALL BE APPLIED BY OR UNDER DIRECT SUPERVISION OF NOZZLEMEN CERTIFIED BY THE AMERICAN CONCRETE INSTITUTE AS OUTLINED IN ACI CERTIFICATION PUBLICATION CP-60.
2. TENSION IN PRESTRESSING WIRE SHALL BE MEASURED BY AN ELECTRONIC DIRECT-READING STRESSMETER ACCURATE TO WITHIN 2%.

SECTION—ELEVATION

PLAN

TYPICAL WALL SECTION

TYPICAL PIPE ENCASEMENT AT FOOTING

4" DIP DRAIN

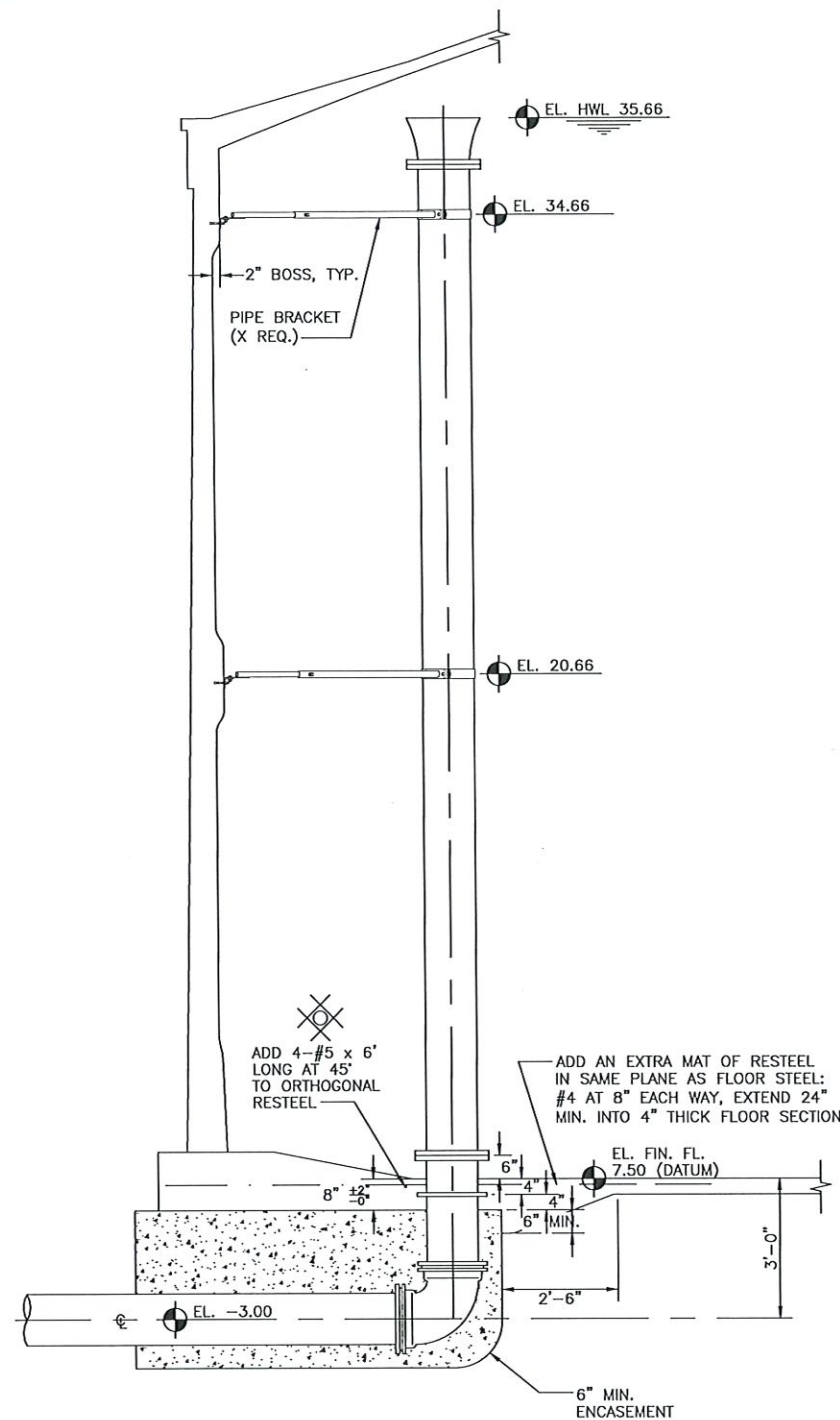
X" DIP INLET AND X" DIP OUTLET

[illegible]

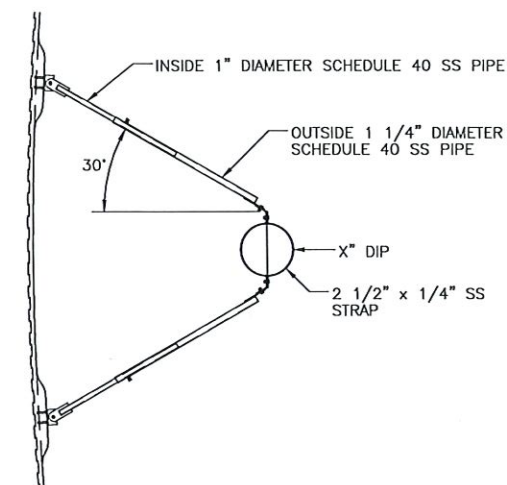
COLLIER COUNTY PUBLIC UTILITIES
GOODLAND PUMP STATION IMPROVEMENTS
PROPOSED GROUND
STORAGE TANK
PLAN AND SECTIONS

PROJ:	200-08486-220
DESN:	
DRWN:	
CHKD:	

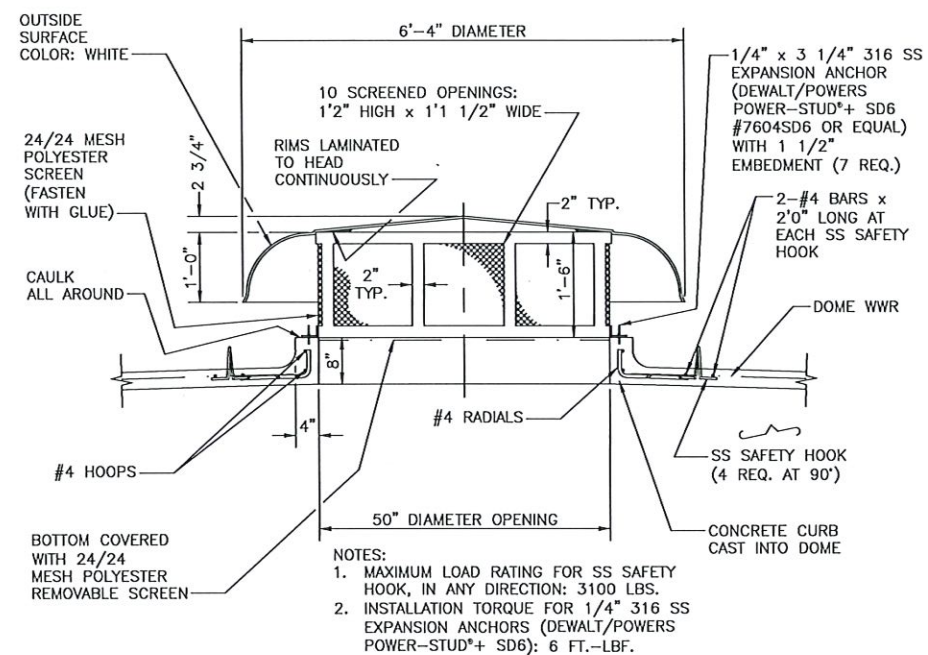
D-106



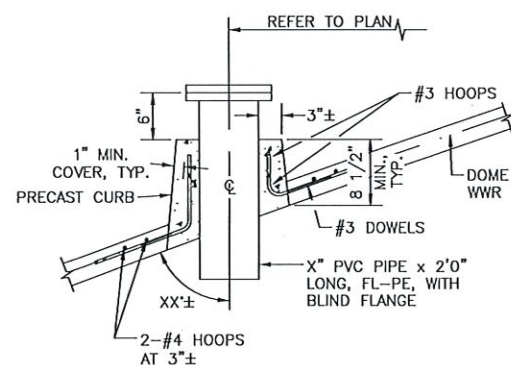
X" DIP OVERFLOW



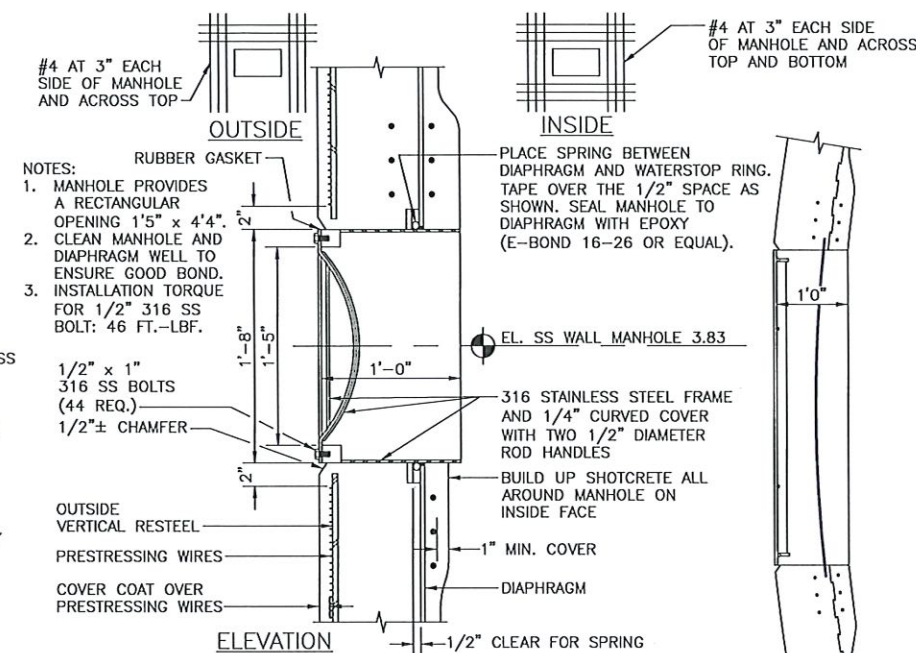
PIPE BRACKET (X REQ.)



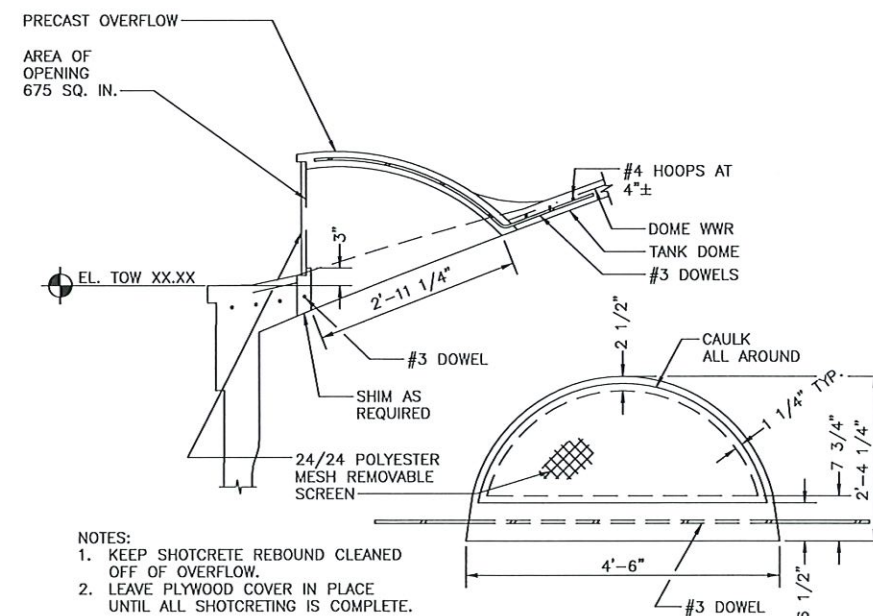
50" FIBERGLASS VENTILATOR
(BV#: VEN-2)



X" PVC DOME PROBE CURB
(BV#: DPC-3)



STAINLESS STEEL WALL MANHOLE
(BV#: MAN-CUR-2) CROM REF.: MHC-20x55



#675 PRECAST CONCRETE OVERFLOW (X REQ.)
(BV#: OVF-2)

[illegible]

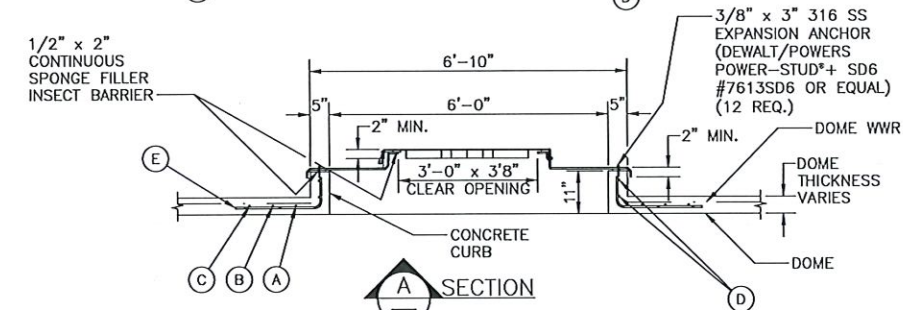
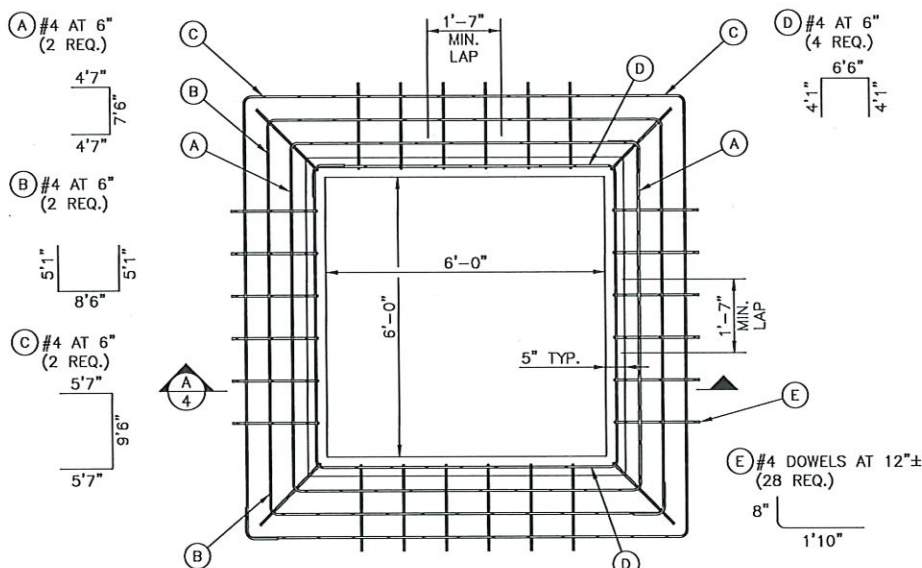
COLLIER COUNTY PUBLIC UTILITIES
GOODLAND PUMP STATION IMPROVEMENTS

PROPOSED GROUND
STORAGE TANK
SECTIONS AND DETAILS

PROJ:	200-08486-22002
DESN:	
DRWN:	
CHKD:	

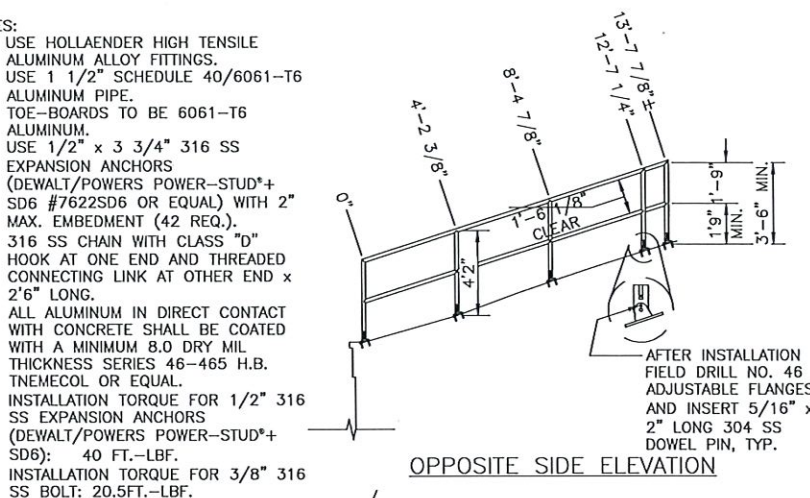
NOTES:

1. INSTALLATION TORQUE FOR 3/8" 316 SS EXPANSION ANCHORS (DEWALT/POWERS POWER-STUD® SD6): 25 FT.-LBF.
2. INSTALLATION TORQUE FOR 1/4" 316 SS BOLT: 6.5 FT.-LBF.

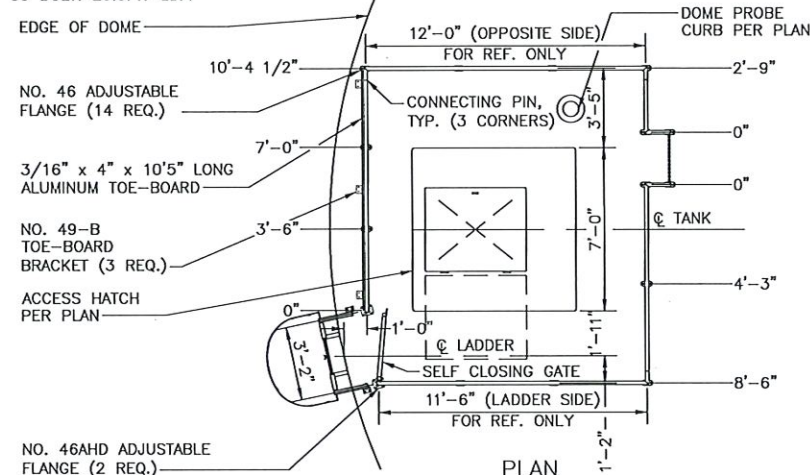


ACCESS HATCH WITH FIBERGLASS COVER
(BV#: HAT-1)

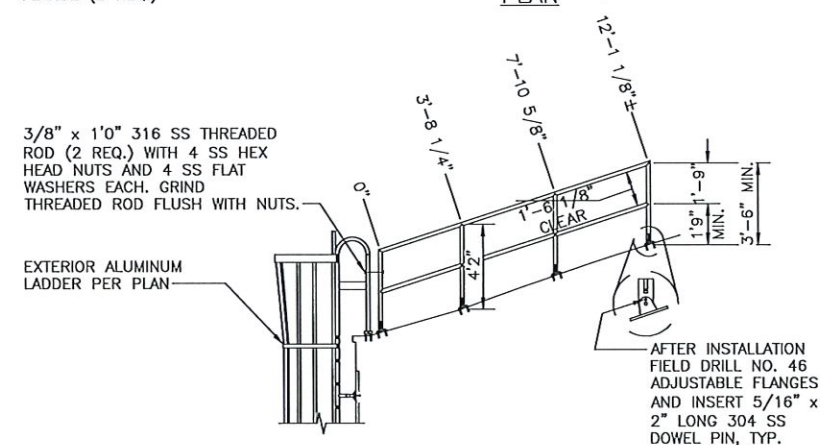
1. USE HOLLANDER HIGH TENSILE ALUMINUM ALLOY FITTINGS.
2. USE 1 1/2" SCHEDULE 40/6061-T6 ALUMINUM PIPE.
3. TOE-BOARDS TO BE 6061-T6 ALUMINUM.
4. USE 1/2" x 3 3/4" 316 SS EXPANSION ANCHORS (DEWALT/POWERS POWER-STUD®+ SD6 #7622SD6 OR EQUAL) WITH 2" MAX. EMBEDMENT (42 REQ.).
5. 316 SS CHAIN WITH CLASS "D" HOOK AT ONE END AND THREADED CONNECTING LINK AT OTHER END x 2'6" LONG.
6. ALL ALUMINUM IN DIRECT CONTACT WITH CONCRETE SHALL BE COATED WITH A MINIMUM 8.0 DRY MIL THICKNESS SERIES 46-465 H.B. TNEMECOL OR EQUAL.
7. INSTALLATION TORQUE FOR 1/2" 316 SS EXPANSION ANCHORS (DEWALT/POWERS POWER-STUD®+ SD6): 40 FT.-LBF.
8. INSTALLATION TORQUE FOR 3/8" 316 SS BOLT: 20.5FT.-LBF.



OPPOSITE SIDE ELEVATION



PLAN

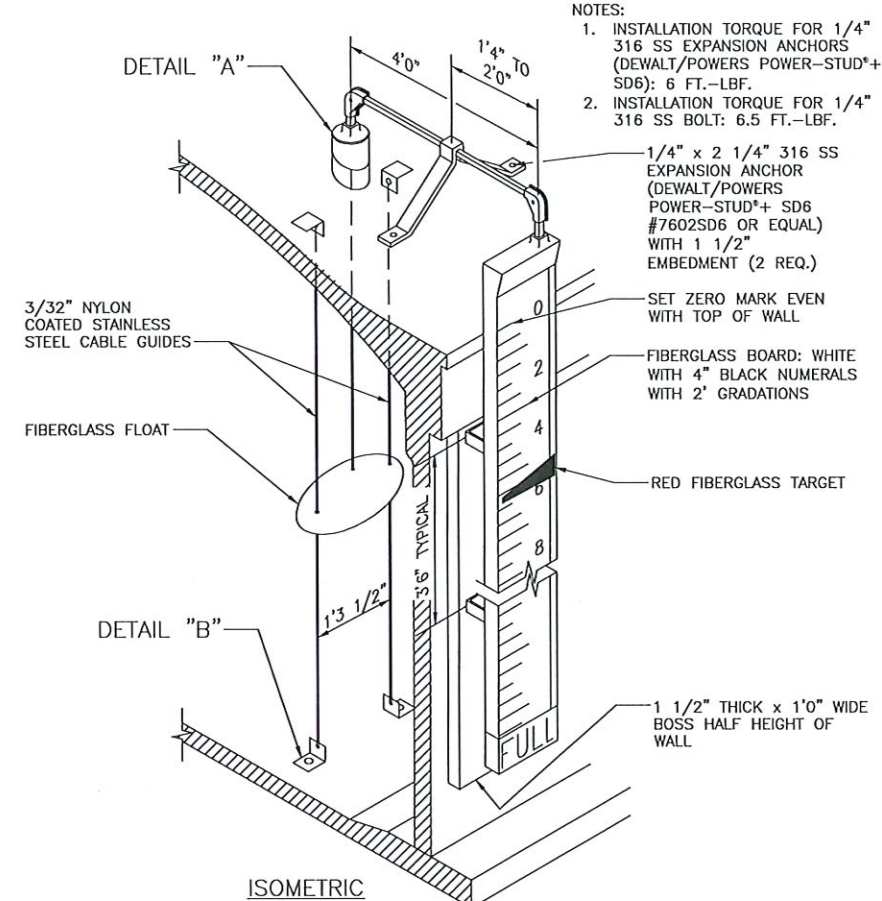


LADDER SIDE ELEVATION

ALUMINUM GUARDRAIL
(BV#: HAN-6B)

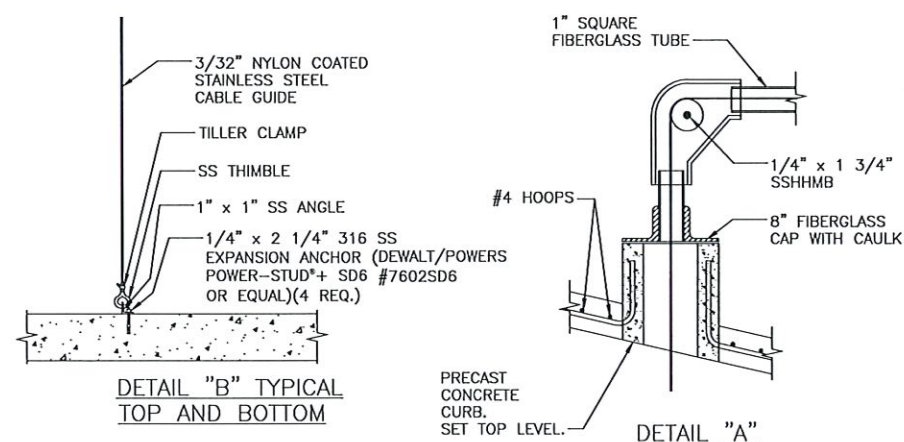
NOTES:

1. INSTALLATION TORQUE FOR 1/4" 316 SS EXPANSION ANCHORS (DEWALT/POWERS POWER-STUD®+SD6): 6 FT.-LBF.
2. INSTALLATION TORQUE FOR 1/4" 316 SS BOLT: 6.5 FT.-LBF.



ISOMETRIC

FIBERGLASS LIQUID LEVEL INDICATOR
(BV#: LI-2)



DETAIL "B" TYPICAL
TOP AND BOTTOM

DETAIL "A"

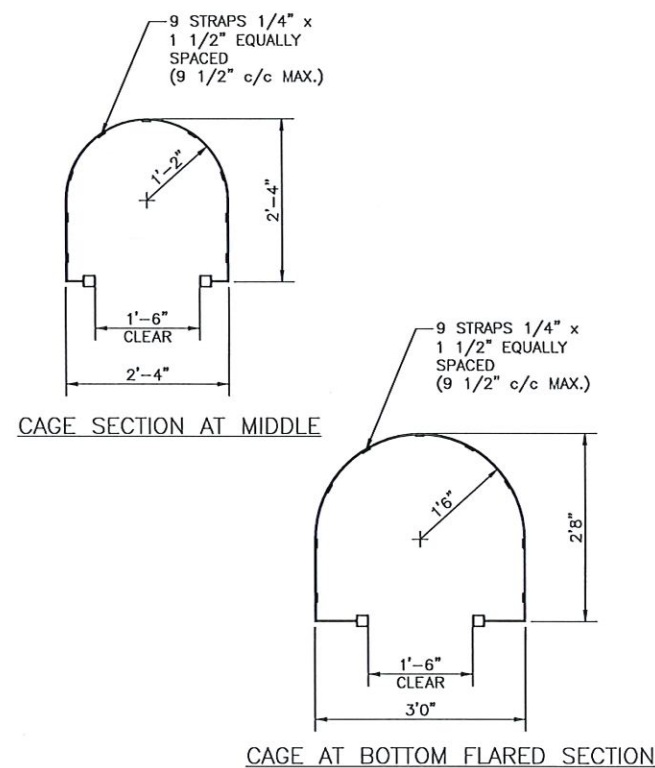
[illegible]

COLLIER COUNTY PUBLIC UTILITIES
GOODLAND PUMP STATION IMPROVEMENTS
PROPOSED GROUND
STORAGE TANK
SECTIONS AND DETAILS

PROJ:	200-08486-22002
DESN:	
DRWN:	
CHKD:	

D-108

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BASE BRACKET
(2 PAIR REQ.) -

FRONT VIEW

INTERIOR FIBERGLASS LADDER WITH
STAINLESS STEEL TS SAFETY RAIL
(BV#: I-LAD-2) CROM SHOP REF.: I-LAD-FG-RUNG-FAB-ST

—1/4" x 2 1/4" 316 SS EXPANSION ANCHOR
(DEWALT/POWERS POWER-STUD®+ SD6 #7602SD6
OR EQUAL) WITH 1 1/2" EMBEDMENT (4 REQ.)

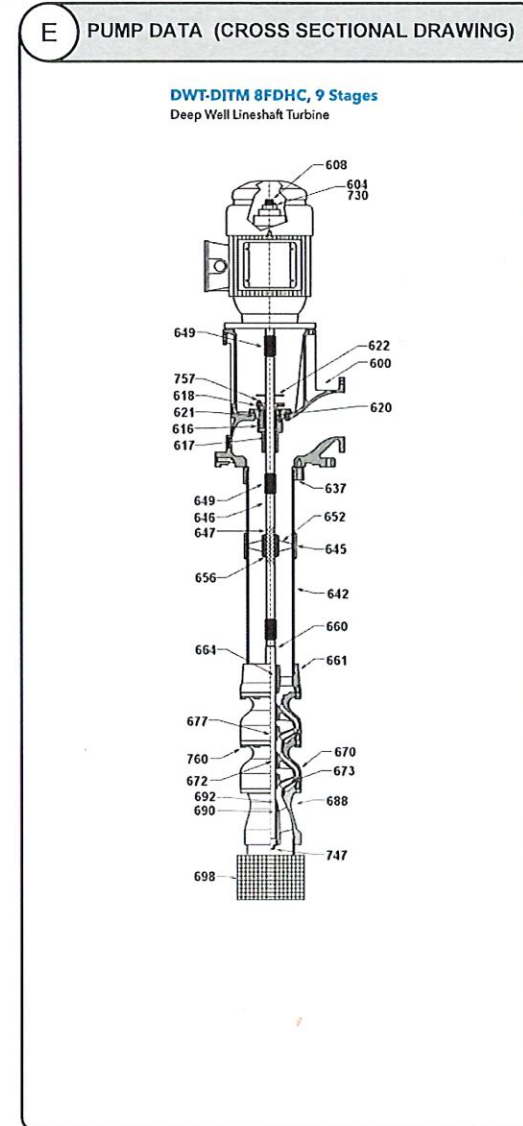
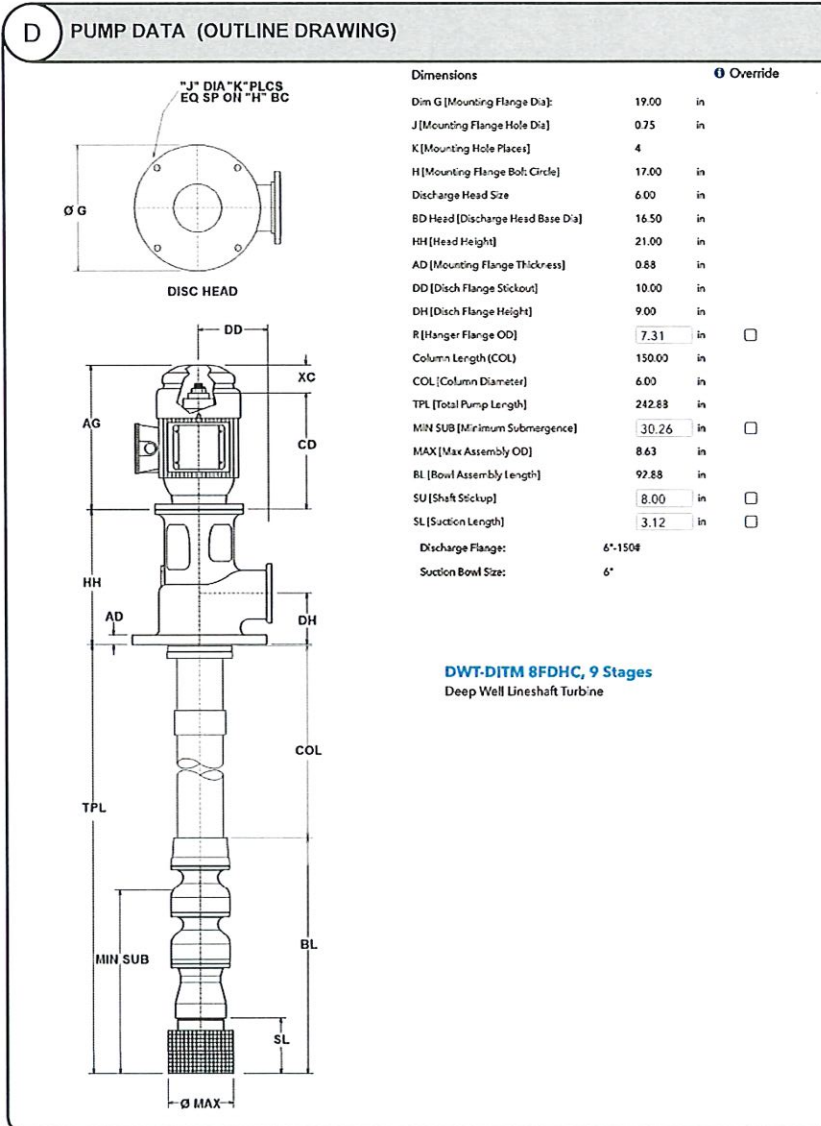
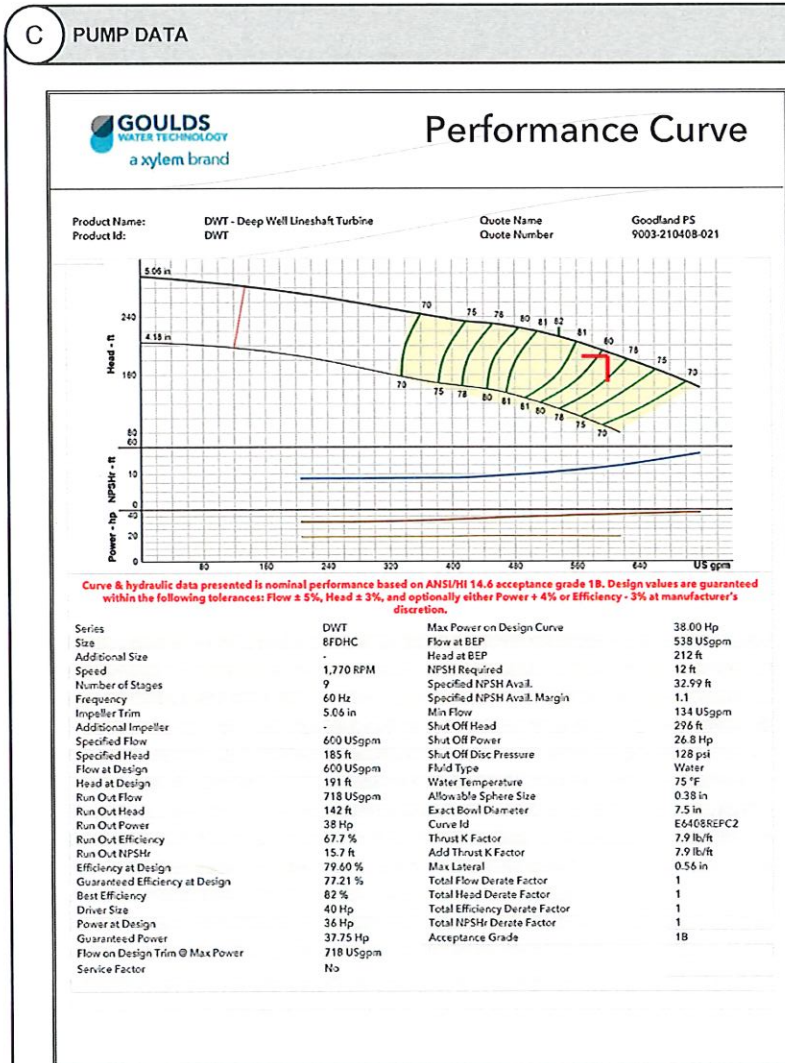
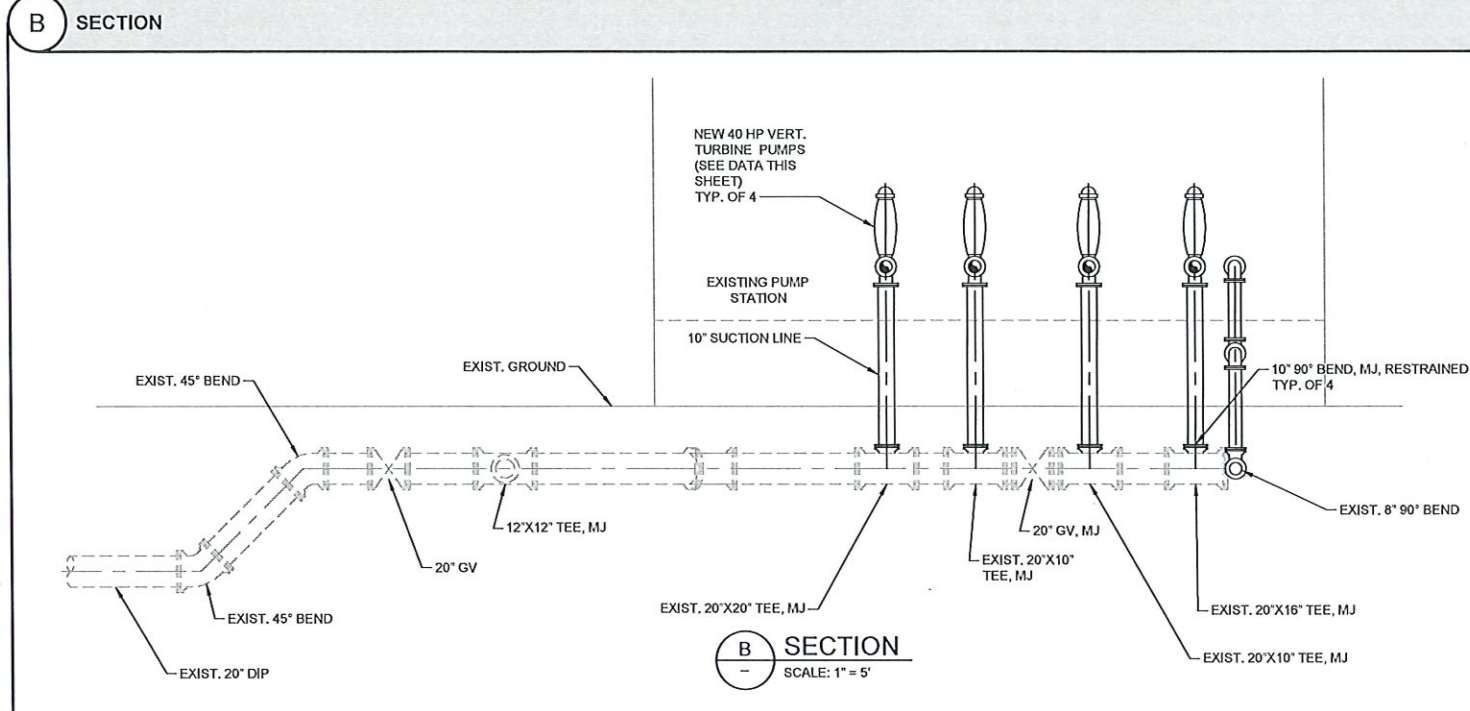
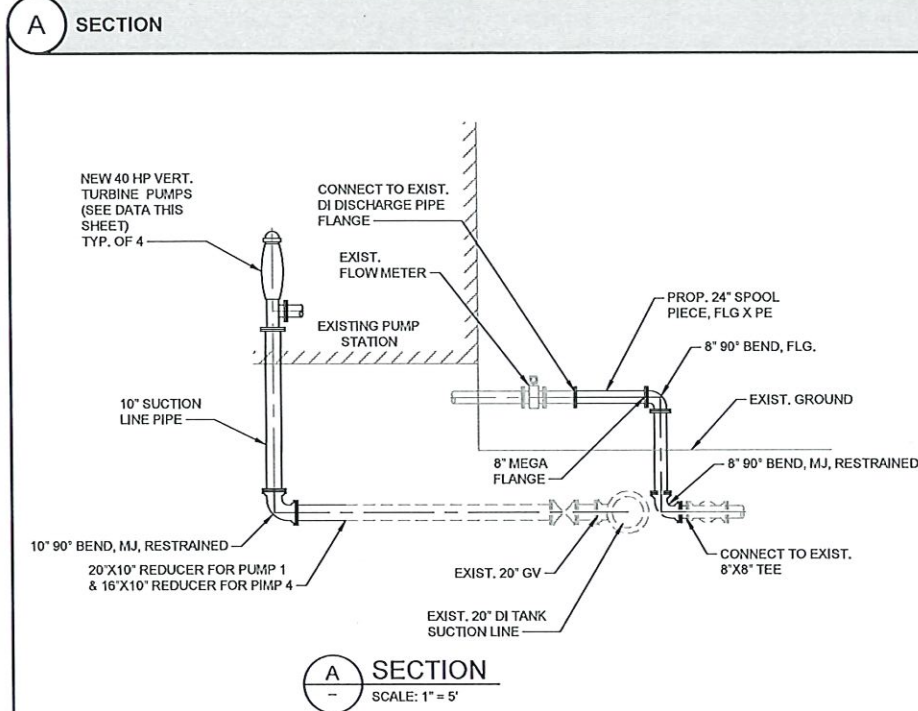
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COLLIER COUNTY PUBLIC UTILITIES
GOODLAND PUMP STATION IMPROVEMENTS

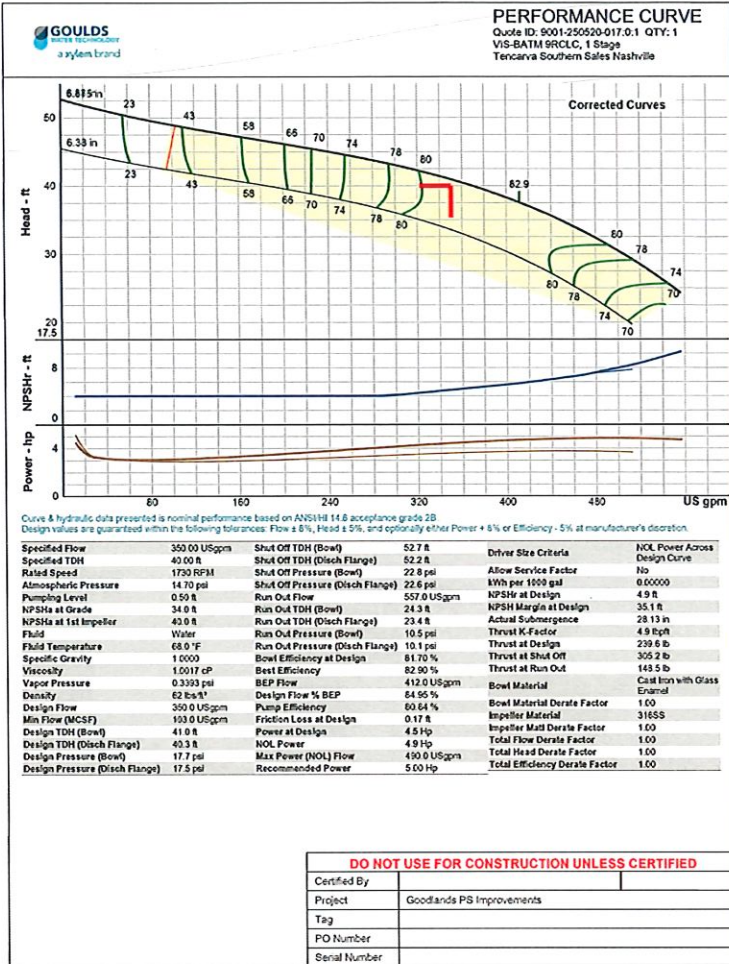
PROPOSED GROUND
STORAGE TANK
SECTIONS AND DETAILS

PROJ:	200-08486-22002
DESN:	
DRWN:	
CHKD:	

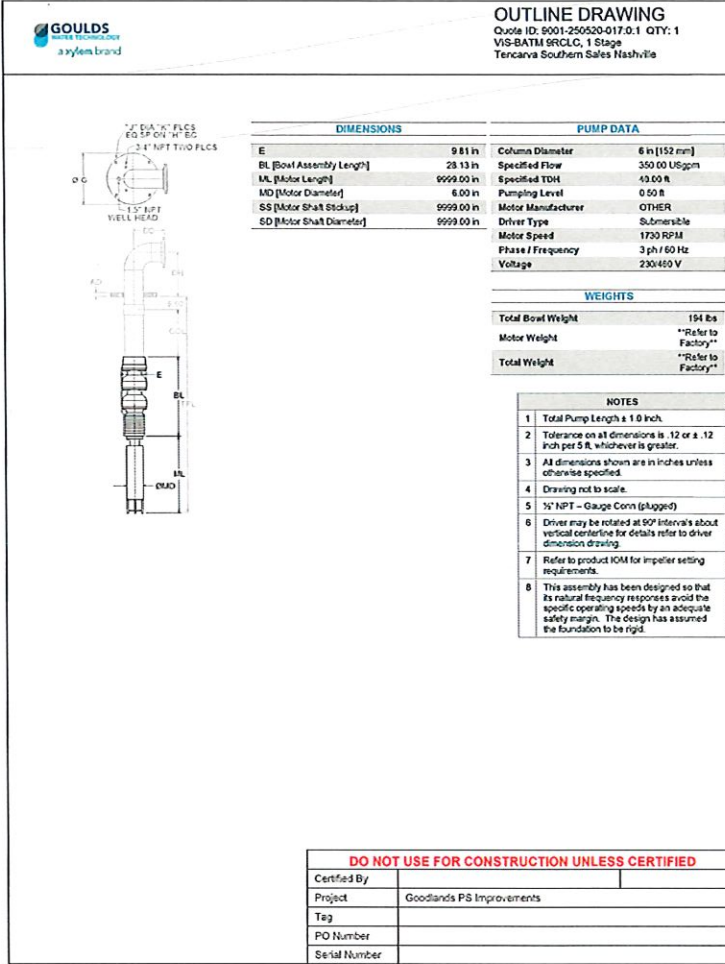
D-109



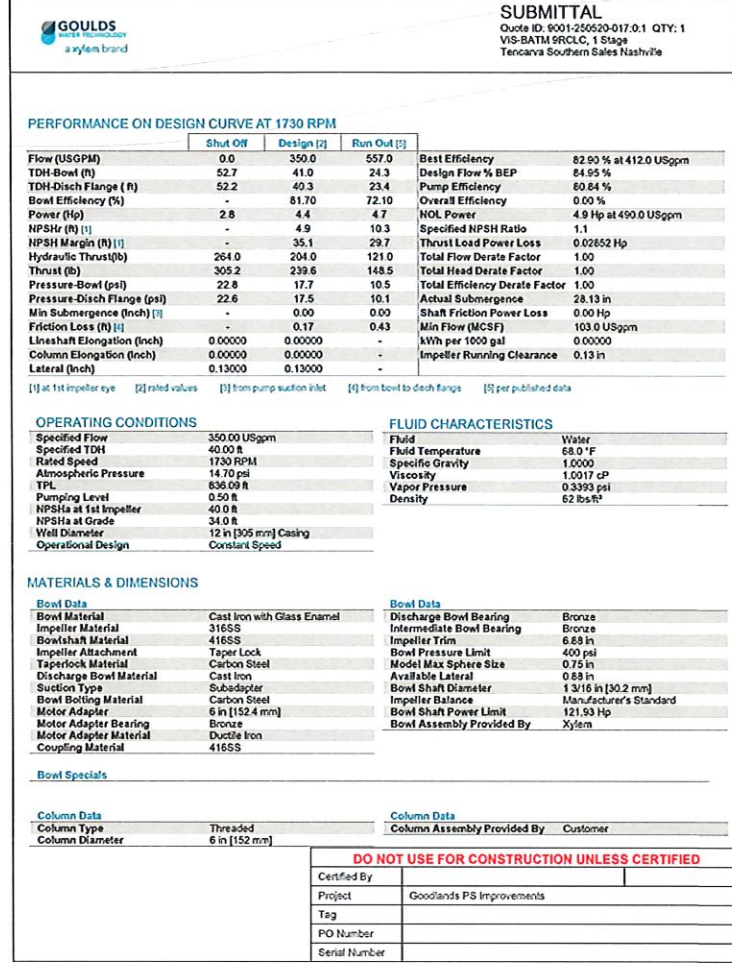
1 PUMP DATA



2 PUMP DATA (OUTLINE DRAWING)



3 PUMP DATA



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BY

MARK DATE DESCRIPTION

COLLIER COUNTY PUBLIC UTILITIES
GOODLAND PUMP STATION IMPROVEMENTS

PROJ: 200-08486-22002

DESN:

DRWN:

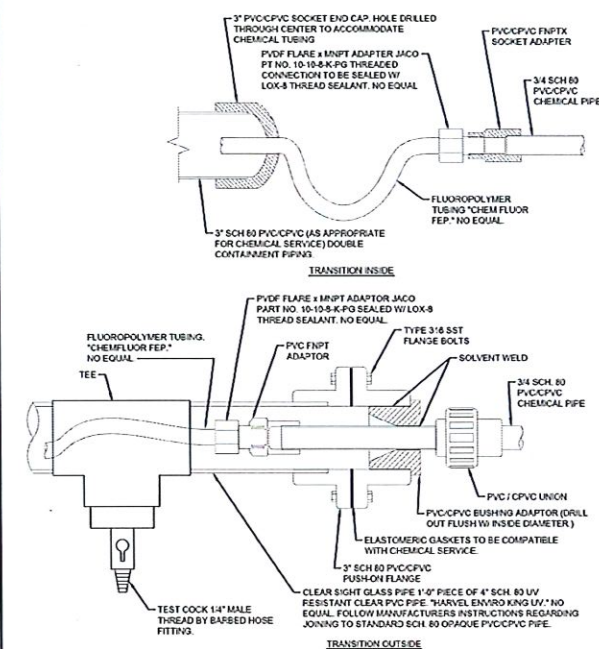
CHKD:

D-202

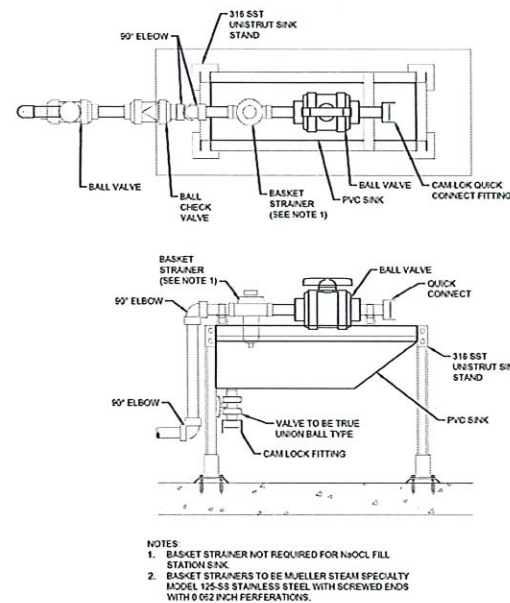
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Bar Measures 1 inch, otherwise drawing not to scale

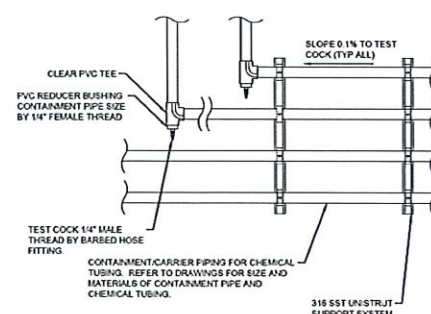
1 CHEMICAL FEED PIPING
TUBING TO PIPE TRANSITION



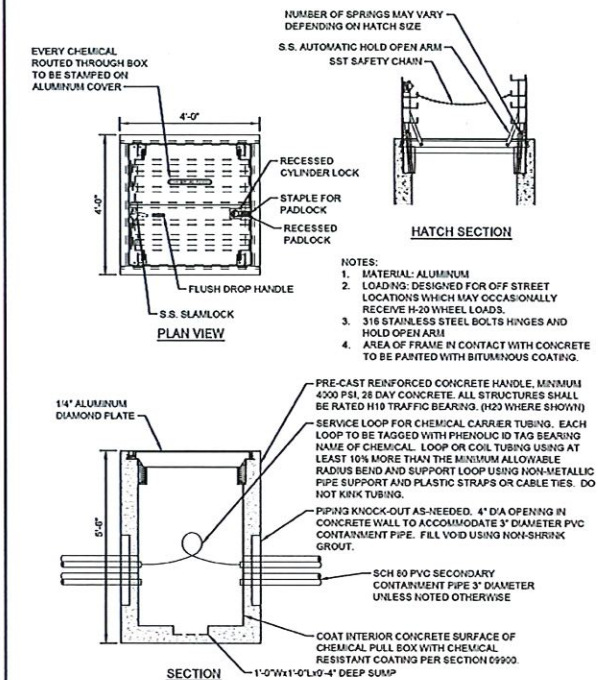
2) CHEMICAL FILL STATION SINK



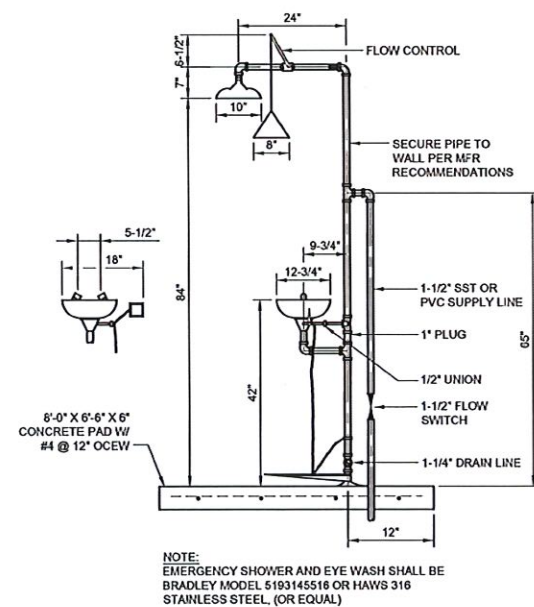
3 WALL MOUNTED CHEMICAL PIPING LEAK DETECTION PORTS



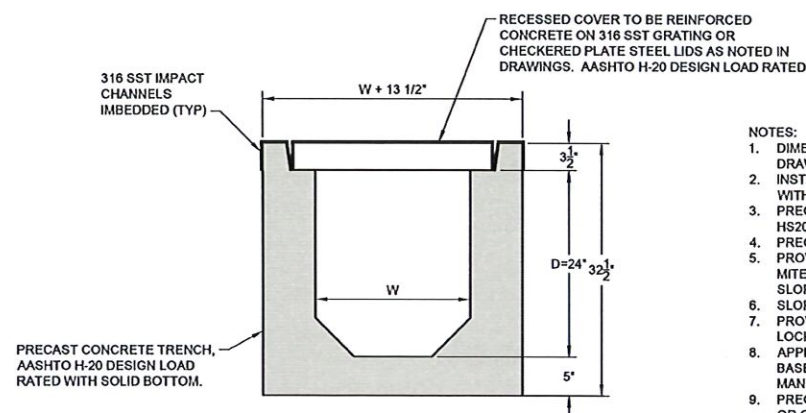
4 CHEMICAL FEED PIPING
HANDHOLE



5 EMERGENCY SHOWER AND EYEWASH



6 PRECAST CONCRETE TRENCH



- NOTES:**
- 1. DIMENSIONS 'W' AND 'D' TO BE AS NOTED ON THE DRAWINGS.**
 - 2. INSTALL TRENCH SO TRENCH COVER IS FLUSH WITH FINISH GRADE.**
 - 3. PRECAST TRENCH, COVERS, AND GRATING TO BE HS20 LOAD RATED.**
 - 4. PRECAST TRENCH TO HAVE SOLID BOTTOM.**
 - 5. PROVIDE END WALLS AT TERMINATION OF TRENCH MITERED BASES AT CHANGES IN DIRECTION OR SLOPE, AND T-SECTIONS AT INTERSECTIONS.**
 - 6. SLOPE TRENCH AS NOTES IN DRAWINGS.**
 - 7. PROVIDE AND INSTALL BOLTED STEEL TIE PLATES LOCKING ADJACENT TRENCH BASES TOGETHER.**
 - 8. APPLY FLEXIBLE CONCRETE SEALANT TO TRENCH BASES AT THE JOINTS USING TRENCH MANUFACTURER'S RECOMMENDED SEALANT.**
 - 9. PRECAST TRENCH MANUFACTURER TO BE TRENWA OR OLD CASTLE. INSTALL TRENCH IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.**

7 CONDENSATE DRYWELL DETAIL

