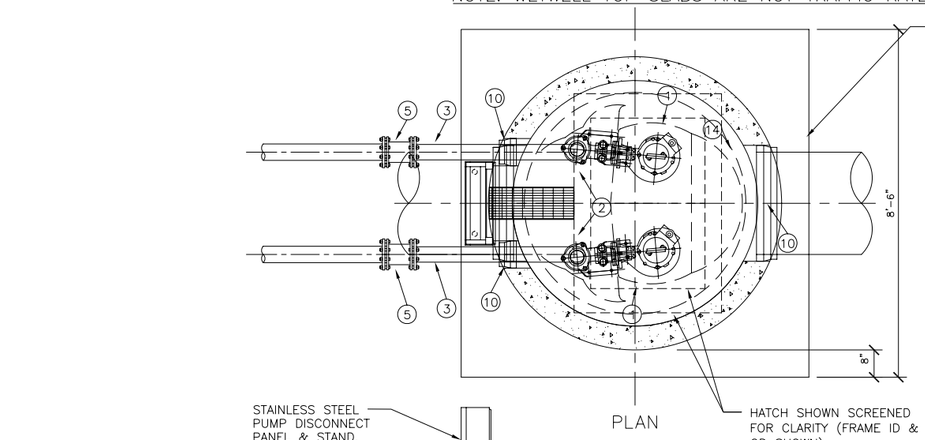
CUSTOM STORMWATER

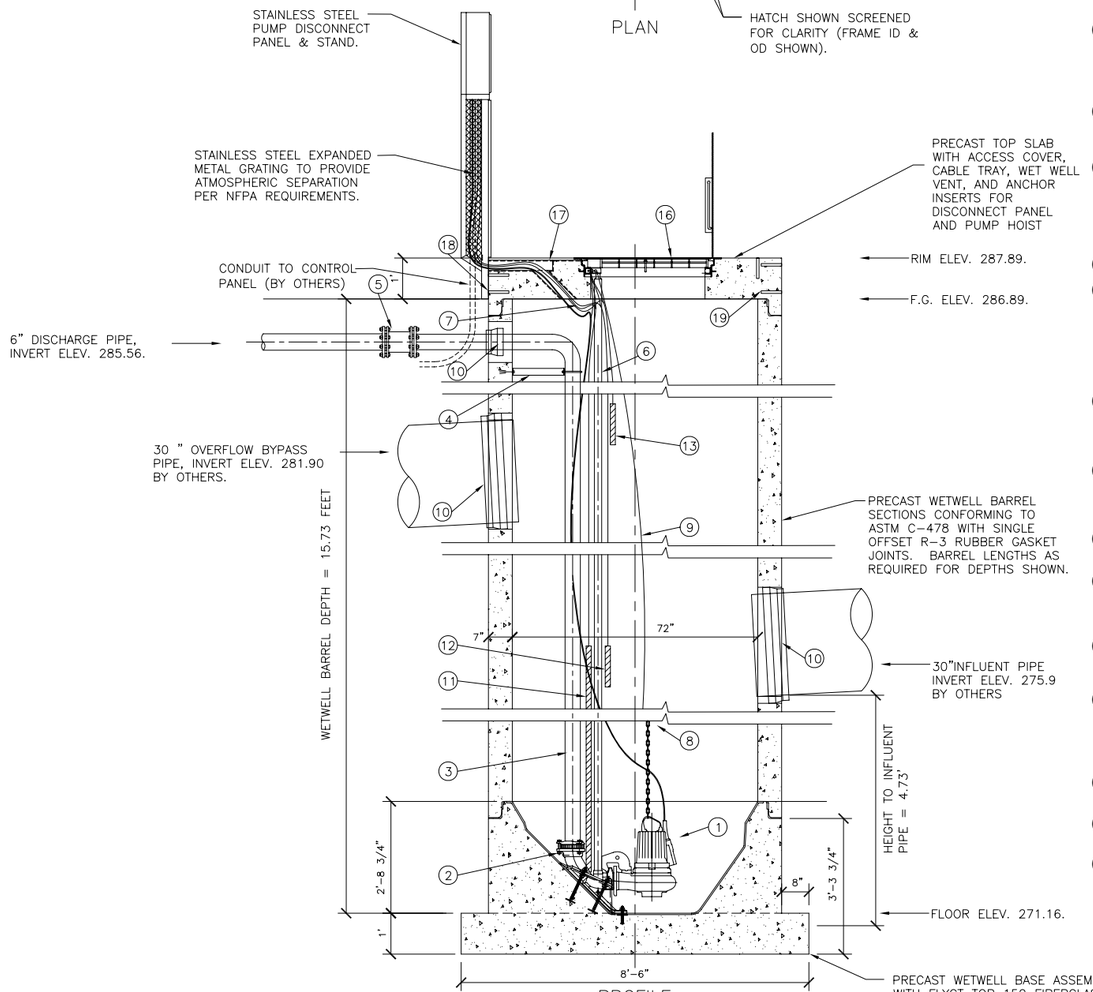
DUPLEX–6' X 16' WET WELL

WET WELL, ELECTRICAL CONTROLS AND SCADA

NOTE: WETWELL TOP SLABS ARE NOT TRAFFIC RATED.



PLAN



PROFILE

6' DIAMETER WETWELL

SCALE: 1/2" = 1'–0"

1. SUBMERSIBLE NON–CLOG SEWAGE PUMPS, FLYGT MODEL NP–3102 (465). PROVIDE ONE PUMP WITH MIX FLUSH VALVE.
2. 4–INCH FLYGT DISCHARGE ELBOW.
3. STAINLESS STEEL DISCHARGE PIPING (SCHED 40) FACTORY TESTED. PROVIDE ALL PIPE PENETRATION(S) WITH RUBBER BOOTS (KOR–N–SEAL).
4. STAINLESS STEEL DISCHARGE PIPE ANCHOR BRACKET.
5. DI SLEEVE COUPLING, STAINLESS STEEL TO DI PIPING
6. TWO 2–INCH SCHEDULE 40 STAINLESS STEEL GUIDE BARS FOR EACH PUMP (FULL HEIGHT). ATTACH TO HATCH UNI–STRUT WITH FLYGT UPPER GUIDE BAR BRACKET.
7. PUMP POWER CABLE WITH QUICK CONNECT COUPLING AT PUMP DISCONNECT PANEL. PROVIDE EACH CABLE WITH A STAINLESS STEEL BASKET CABLE GRIP ATTACHED TO HOOK ON UPPER GUIDE BAR BRACKET.
8. STAINLESS STEEL CHAIN SLING FOR PUMP RETRIEVAL USING FLYGT GRIP–EYE. ATTACH TO PUMP LIFTING HANDLE.
9. 1/4–INCH STAINLESS STEEL CHAIN (S–4) ATTACHED TO PUMP HANDLE. PROVIDE 3/8" AND 1/2" STAINLESS STEEL BOW SHACKLES WITH SCREW PIN TO ATTACH CHAIN TO PUMP HANDLE. ATTACH UPPER END OF CHAIN TO HOOK ON UPPER GUIDE BAR BRACKET.
10. WETWELL SEAL, KOR–N–SEAL.
11. PUMP LIQUID LEVEL CONTROL PROBE, FLYGT MULTI–TRODE PROBE OR EQUIVALENT.
    PROBE LENGTH = 5 FEET (1.5 METERS)
    NUMBER OF SENSORS = 10
    SENSOR SPACING = 6–INCHES.
    PROVIDE MULTITRODE MTAK–1 PROBE MOUNTING BRACKET MOUNTED TO HATCH UNI–STRUT.
12. REDUNDENT LEVEL CONTROL PROBE. REDUNDANT HIGH LEVEL ALARM AND REDUNDANT PUMP START COMMAND. MULTI–TRODE THREE SENSOR PROBE. MOUNT ON MAIN PROBE MOUNTING BRACKET.
13. OVERFLOW/BYPASS ALARM PROBE, MULTI–TRODE SINGLE SENSOR PROBE. PROVIDE WITH SEPARATE MTAK–1 MOUNTING BRACKET.
14. NOT USED.
15. NOT USED.
16. FLYGT ALUMINUM ACCESS HATCH PRECAST INTO WETWELL TOP SLAB. PROVIDE WITH SAFE–HATCH SAFETY GRATE BY FLYGT.
17. ALUMINUM CABLE HATCH AND WETWELL VENT PRECAST INTO WETWELL TOP SLAB. PROVIDE WITH HINGED CABLE HATCH DOOR AND SLAM LOCK CLOSURE.
18. STAINLESS STEEL ANCHOR INSERTS FOR PUMP DISCONNECT PANEL.
19. STAINLESS STEEL ANCHOR INSERTS FOR PUMP DAVIT CRANE BASE.
20. NOT USED

BY	DESCRIPTION	DATE	NO.
	REVISIONS		

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

DSN.
DRN.
CKD.
DATE:

ROMTEC UTILITIES
18240 NORTH BANK ROAD
ROSEBURG, OR 97470
(541)–496–9678
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ROMTEC UTILITIES

6' WETWELL
6" DISCHARGE

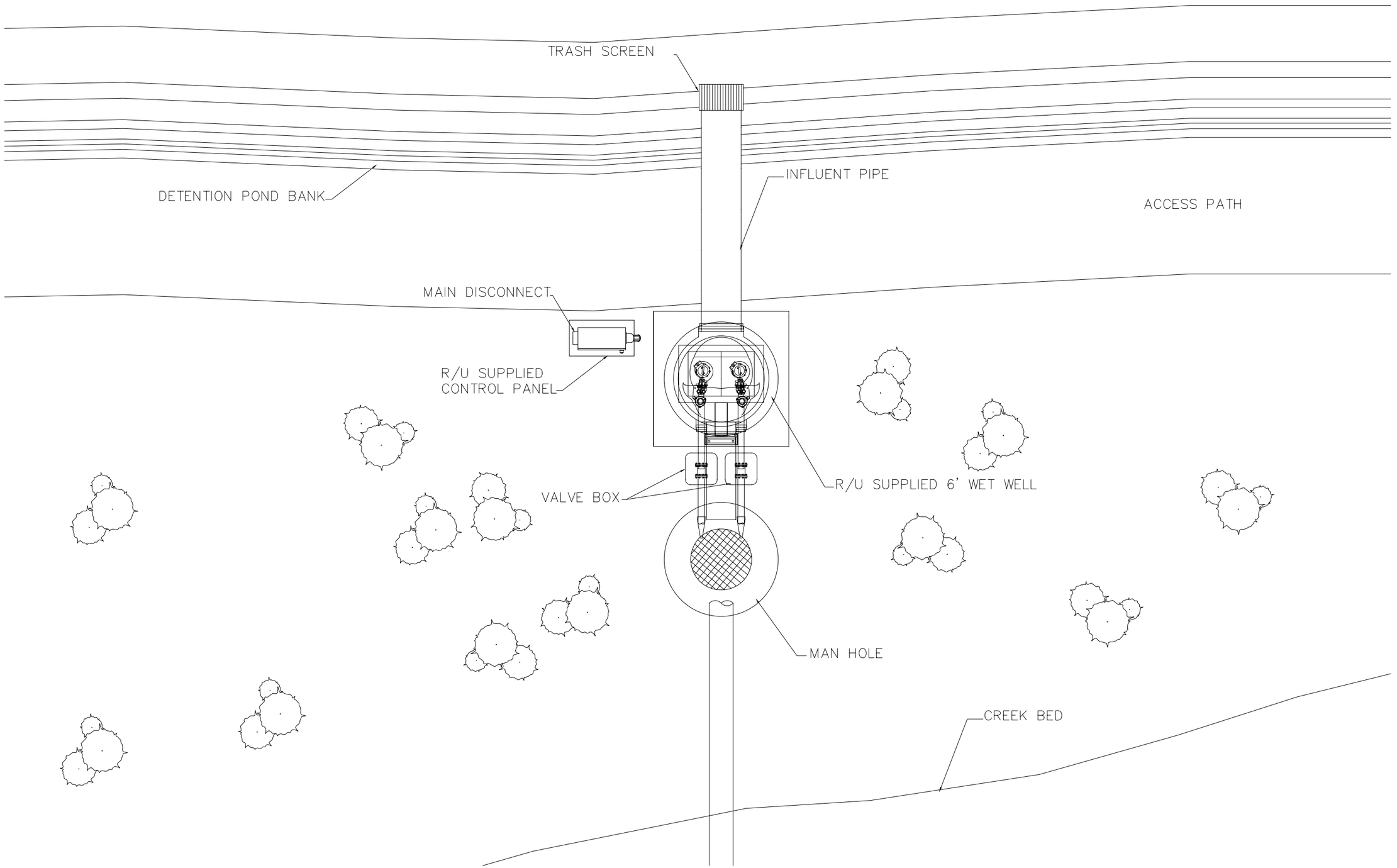
SHEET
1 OF 1

JOB NUMBER
RMTC 0000

CUSTOM STORMWATER

DUPLEX–6' X 16' SITE PLAN

WET WELL, ELECTRICAL CONTROLS AND SCADA



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SITE PLAN

SHEET
1 OF

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