



- | NO. | DESCRIPTION: |
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| 1. | 4 FOOT SECURITY FENCE. |
| 2. | SURFACE DRAIN DITCH. |
| 3. | REINFORCED CONCRETE FLOOR - MIN. 4 INCHES THICK - FIBER REINFORCED. |
| 4. | SEWER OVERFLOW DISCHARGE MANHOLE WITH BEEHIVE GRATE. |
| 5. | 4 FT X 4 FT OVERFLOW BASIN RAINWATER DRAINAGE BOX. |
| 6. | 8" RJ DIP SEWER DRAIN PIPE - 1.0 PERCENT MIN. SLOPE. |
| 7. | 12 X 12 X 8 RMJ TEE, 8 INCH OPEN LEFT GATE VALVE, (VALVE TO REMAIN CLOSED, AND IS ONLY TO BE OPENED TO DRAIN SEWER WATER BACK TO THE PUMP STATION, AFTER AN OVERFLOW EVENT), 8" RMJ 90 DEG BEND, 8" RJ DIP SEWER DRAIN PIPE. |
| 8. | 12" OPEN LEFT GATE VALVE AND EXTENSION STEM (VALVE REMAINS CLOSED DURING NORMAL OPERATIONS AND IS ONLY OPENED TO DRAIN RAINWATER FROM THE OVERFLOW BASIN.) |
| 9. | RIP RAP APRON - 25 SQ FT MINIMUM. |
| 10. | 12" RJ DIP RAINWATER DRAIN PIPE - 1.0 PERCENT MINIMUM SLOPE. |
| 11. | STRUCTURAL FILL CONTAINMENT BERM. |
| 12. | REINFORCED CONCRETE PAD - 6 FT X 6 FT X 6 IN. |
| 13. | BERMUDA SOD OR ESTABLISHED TURF - BARE SPOTS ARE PROHIBITED. |
| 14. | MINIMUM 0.60% SLOPE - DIP. |
| 15. | MINIMUM 2.0% SLOPE - DIP. |
| 16. | PUMP STATION WET WELL. |
| 17. | GRAVEL. |
| 18. | 8 FOOT SECURITY FENCE. |
| 19. | COLLECTION SYSTEM MANHOLE. |
| 20. | 12 FOOT WIDE 8" CABG GRAVEL ACCESS DRIVE TO OVERFLOW CONTAINMENT BASIN. |
| 21. | REPLACEMENT PUMP STATION SITE/STAGING AREA - MINIMUM 0.35 ACRE. GRADE TO SAME ELEVATION AS PROPOSED PUMP STATION SITE. |
| 22. | 14 FOOT SECURITY GATE. |
| 23. | 2 EACH - GROUND WATER MONITORING WELL, OPTIONAL. |
| 24. | Basin Slope - Minimum 3:1 Slope |
| 25. | Fill Slopes - Minimum 3:1 Slope |
| 26. | Cut Sections - Minimum 2:1 Slope |
| 27. | Extend Property a Minimum of 5 Feet Outside Toe of Slope in Fill Areas. |
| 28. | 20 Foot Charlotte Water Storm Easement. |
| 29. | Extend Property a Minimum of 5 Feet Outside Drainage Ditch or Berm Fill Slopes. |
| 30. | Property Line - (CLTW Property - Not an Easement). |

SEE DETAIL 13.17 FOR CROSS SECTIONS A-A AND B-B.