LIFT STATION CONCRETE WET/DRY WELL DETAIL

NOTES FOR DESIGNER:

1. REVIEW DETAILS AND EDIT AS NEEDED TO SUIT PROJECT REQUIREMENTS.
2. REFER TO THE FOLLOWING DETAILS STANDARDIZED FOR ROOF DRAINAGE SYSTEMS:
   2.1. MASTER SPECIFICATION 33 0513, MANHOLES AND STRUCTURES.
   2.2. MASTER SPECIFICATION 33 3200, WASTEWATER UTILITY PUMPING STATION.
   2.3. MASTER SPECIFICATION 33 0500, MANWELLS AND STRUCTURES.
   2.4. CAIV DRAWING ST-G30GEN-1, BOLLARD DETAIL.
   2.5. CAIV DRAWING ST-G30GEN-3, TRACER WIRE DETAIL.
3. TRACER WIRE REQUIRED OVER ALL PLASTIC, DUCTILE IRON, OR CAST IRON PIPING.
4. SAFETY GRATING OR ALUMINUM OR INTEGRATED CAST IRON FRAME AND GRATE.
5. CONCRETE GROUT ALL AROUND.
6. APPROX. 9' x 9' SQUARE OR ROUND ON MANUFACTURE CLAY SLABS.
7. APPROX. 12' x 12' MIN. SLAB.
8. CAST SLUMP PIT OR PRE-FAB DRAIN BASIN.
9. SAFETY GRATING ON TOP OF SLAB.
10. FINISHED GRADE.
11. DEPTH VARIES 1'-0" FINISHED GRADE.
12. PROVIDE BROOM FINISH ON TOP OF SLAB.
13. SAFETY GRATING.
14. WET WELL.
15. DRY WELL.
16. CONCRETE GROUT ALL AROUND.
17. APPROX. 9' x 9' SQUARE OR ROUND ON MANUFACTURED CLAY SLAB.

GENERAL NOTES:

1. IF THIS SHEET IS NOT 24" x 36" USE GRAPHIC SCALE ACCORDINGLY.

KEYED NOTES:

1. ACCESS DOOR WITH SAFETY GRATING.
2. 6" DIA. STEEL VENT PIPE WITH BIRD SCREEN. PAINT WITH TWO COATS EPOXY ENAMEL.
3. MINIMUM 6'-0" DIA. PRECAST CONCRETE MANHOLE SECTIONS. WASTE SEAL AL ALUMINUM FRAME AND GRATE.
4. COAT EXPOSED CONCRETE SURFACES WITH WATER SEAL COMPOUND.
5. SEE ELECTRICAL DETAIL [SEE SHEET 4].
6. COAT ALL INTERIOR CONCRETE SURFACES WITH A TWO PART HIGH BUILD EPOXY OR POLYURETHANE SEAL COMPOUND.
   TWO PART HIGH BUILD EPOXY OR POLYURETHANE SEAL COMPOUND.
7. WOVEN POLYESTER PULL TAPE.
8. BOLLARDS IF VEHICLES ARE LIKELY TO IMPACT OR ACCESS TOP OF LIFT STATION.
   SAFETY GRATING OR ALUMINUM OR INTEGRATED CAST IRON FRAME AND GRATE.
9. TELEPHONE/COMMUNICATION CONDUIT TO BE MINIMUM 1 1/2 INCH SIZE WITH WOVEN POLYESTER PULL TAPE.
10. LIFT STATION DEPTH SHALL NOT EXCEED 18 FEET IN DEPTH FROM FINISH GRADE TO LOCATION OF ELECTRICAL CONTROL PANEL AND CONCRETE PAD SHALL BE LOCATED LIFT STATION ON SOUTH SIDE OF BUILDING (IF POSSIBLE).

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2 ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE.

ENGINEERING STANDARDS

CIVIL

CHAPTER 3

ST-G3020-2.3