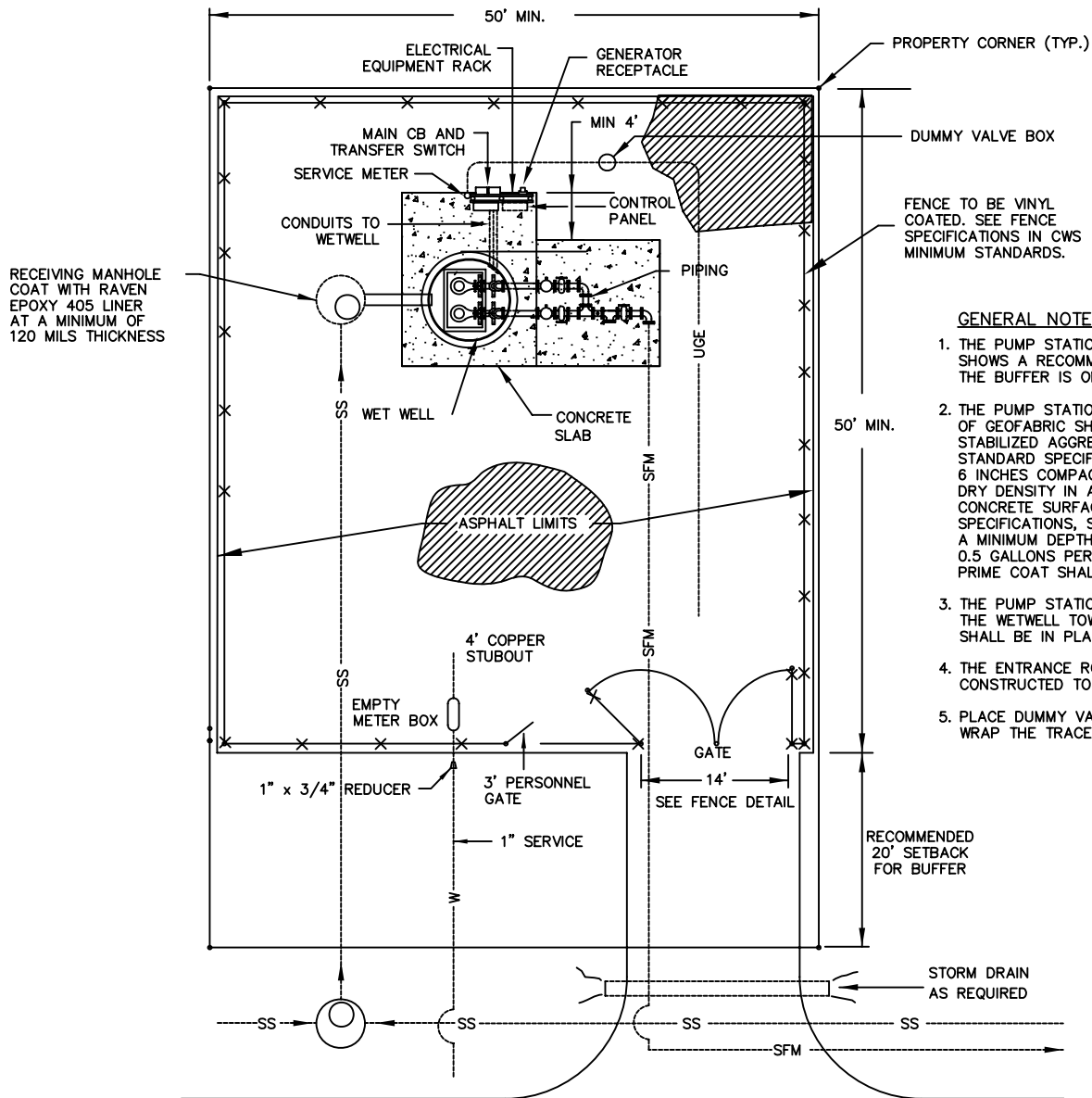


THIS DRAWING IS ONLY AN EXAMPLE. REVISE THE DETAIL TO BE SITE SPECIFIC. INCLUDE ALL FEATURES SHOWN HEREIN.



GENERAL NOTES:

1. THE PUMP STATION SITE SHALL BE A MINIMUM OF 50 FEET BY 50 FEET. THE PLAN HEREIN SHOWS A RECOMMENDED 20 FOOT BUFFER FROM THE PROPERTY LINE TO THE FENCED AREA. THE BUFFER IS ONLY A RECOMMENDATION FOR SCREENING PURPOSES AND IS NOT MANDATORY.
2. THE PUMP STATION SITE SHALL BE ASPHALTED 6" PAST THE FENCE LINE. AN UNDERLAYMENT OF GEOFABRIC SHALL BE LAID OVER THE ENTIRE SITE PRIOR TO STONE'S BEING PLACED. A STABILIZED AGGREGATE BASE COURSE (SABC) MEETING THE REQUIREMENTS OF THE SCDOT STANDARD SPECIFICATIONS, SECTION 306. GRADING TYPE 1 SHALL BE PLACED AT A DEPTH OF 6 INCHES COMPACTED TO A MINIMUM ACCEPTABLE DENSITY OF 95 PERCENT OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D 1557, METHOD D. A HOT LAID ASPHALTIC CONCRETE SURFACE COURSE MEETING THE REQUIREMENTS OF THE SCDOT STANDARD SPECIFICATIONS, SECTION 403 FOR ASPHALTIC CONCRETE, TYPE 2 SHALL BE PLACED AT A MINIMUM DEPTH OF 2 INCHES. A PRIME COAT SHALL BE APPLIED UNIFORMLY AT A RATE 0.5 GALLONS PER SQUARE YARD OVER COMPACTED AND CLEANED SUBBASE SURFACE. THE PRIME COAT SHALL CONFORM TO THE REQUIREMENTS OF THE SCDOT.
3. THE PUMP STATION SITE SHALL BE GRADED TO PROMOTE POSITIVE DRAINAGE AWAY FROM THE WETWELL TOWARDS THE ROADSIDE SWALE. PERMANENT EROSION CONTROL METHODS SHALL BE IN PLACE TO PROTECT PUMP STATION FEATURES AND ASPHALT FOUNDATION.
4. THE ENTRANCE ROAD SHALL BE ASPHALT PAVED AND A MINIMUM OF 16' WIDE. IT SHALL BE CONSTRUCTED TO THE SAME STANDARDS AS THE PUMP STATION SITE.
5. PLACE DUMMY VALVE BOX NEAR THE POINT AT WHICH THE FORCE MAIN GOES UNDERGROUND. WRAP THE TRACER WIRE AROUND THE FORCE MAIN AND SECURE WITH TAPE.

LEGEND

- SS SANITARY SEWER
- UGE UNDERGROUND ELECTRIC
- W 3/4" WATER SERVICE
- SFM SEWER FORCE MAIN

SUBMERSIBLE PUMP STATION TYPICAL SITE PLAN

CHARLESTON WATER SYSTEM

SUBMERSIBLE PUMP STATION  
TYPICAL SITE PLAN

APPROVED BY: CWS	DATE: MAR 2000	DRAWING NO.  61
SCALE: NTS	REVISED: FEB 2010	