



- NOTES:**
- 4' TALL EQUIPMENT PIERS. COORDINATE SIZE AND LOCATION WITH SCUM CONCENTRATOR EQUIPMENT INSTALLER, TYP.
 - CONTRACTOR SHALL REMOVE EXISTING GRADE TO APPROXIMATELY ELEVATION 900.00 AND PREPARE SUBGRADE PER SPECIFICATIONS. STONE FILL SHALL BE PLACED AND COMPACTED UPON COMPLETION OF SUBGRADE PREPARATION. STONE SHALL THEN BE COVERED WITH PLASTIC SHEETING TO PREVENT SUBGRADE FROM BECOMING WET. PRIOR TO START OF MAT FOUNDATION CONSTRUCTION, A MINIMUM DELAY OF 45 DAYS SHALL BE INCORPORATED INTO THE CONSTRUCTION SCHEDULE TO ALLOW CONSOLIDATION OF THE COMPRESSIBLE SOILS BENEATH THE WEIGHT OF THE STONE FILL. IF CONTRACTOR WISHES TO SHORTEN THIS DELAY, SETTLEMENT PLATES MAY BE INSTALLED AND MONITORED TO SHOW PROOF THAT THE INITIAL SETTLEMENTS ARE COMPLETE. ALL SUBGRADE PREPARATION AND BACKFILLING SHALL BE DONE UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER.
 - ALL PIPING BELOW SCUM CONCENTRATOR BUILDING SHALL BE ENCASED IN CLASS "B" CONCRETE. ENCASEMENT SHALL BE A MINIMUM OF 6" THICK AROUND PIPE. ALL CONCRETE ENCASEMENT SHALL EXTEND OUT TO EDGE OF CONCRETE SLAB.
 - SUBGRADE SHALL BE INSPECTED BY GEOTECHNICAL ENGINEER PRIOR TO PLACING OF GEOTEXTILE FABRIC AND STONE BASE.

DESIGNED	WGL/DDZ
DRAWN	DDZ
CHECKED	
PROJ. ENGR.	DAN
APPROVED	
NO.	
ISSUED FOR	DATE
BY	

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY ROBERT S. DIFIORE, SEAL NO. 22769

THIS DOCUMENT ORIGINALLY ISSUED FOR CONSTRUCTION AND SEALED BY RONALD L. TAYLOR, SEAL NO. 024649

RECORD DRAWING

THIS DRAWING HAS BEEN MODIFIED TO REFLECT FIELD CHANGES REPORTED BY THE CONTRACTOR OR ANOTHER PARTY, BUT NOT VERIFIED BY THE CERTIFYING ENGINEER. THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY CHRISTOPHER T. PHILLIPS, 033796. THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

Hazen and Sawyer
Environmental Engineers & Scientists
4011 WestChase Blvd, Raleigh, North Carolina 27607

CITY OF ROANOKE VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT WET WEATHER IMPROVEMENTS

SCUM CONCENTRATOR BUILDING

STRUCTURAL SECTIONS AND DETAILS

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE	JULY 2003
	H & S JOB NUMBER	30788A
	CONTRACT NUMBER	A
	DRAWING NUMBER	S291