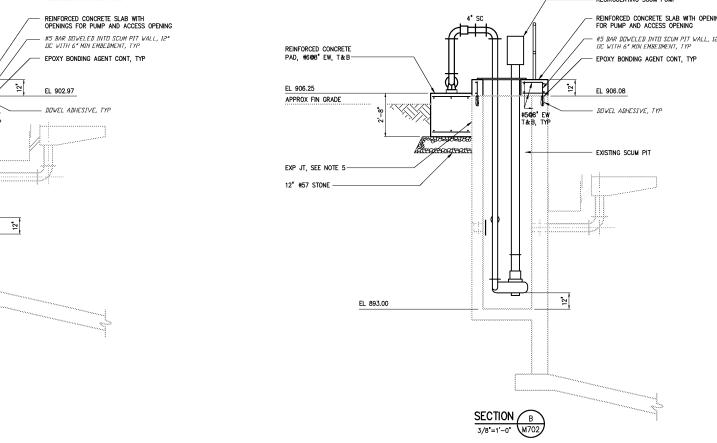




- 1 CONTRACTOR SHALL VERIFY DIMENSIONS AND ELEVATIONS PROVIDED PRIOR TO SUBMITTING EQUIPMENT.
- 2 ALL EXISTING DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
- 3 HEAT TRACE AND INSULATE EXPOSED SCUM PIPING.
- 4 MODIFY EXISTING HANDRAIL AS REQUIRED TO CONNECT TO NEW HANDRAIL.
- 5 PROVIDE 1/2" EXPANSION JOINT MATERIAL.
- 6 RELOCATE EXISTING LIGHTPOLES AS REQUIRED TO INSTALL SCUM PUMPS AND CONCRETE SLABS.



AL GRATING 0553000		
#5 BAR DOWELED INTO SCUM PIT WALL, 12" DC WITH 6" MIN EMBEDMENT, TYP  EPOXY BONDING AGENT CONT, TYP		2-#5, T&B
EL 902.97 (GRAVITY THICKENER #1) EL 906.08 (GRAVITY THICKENER #2) DOWEL ADHESIVE, TYP	22	—— 2-#5 BARS, 1 T&B, TYP
EXISTING SCUM PIT		STIRRUPS @ 4"
		-

SECTION C 3/8\*=1'-0\* M702

			DESIGNED DAN/DDZ
			DRAWN RWB/DDZ
			CHECKED
RECORD DRAWINGS	MAR 2008	RLT	
CONSTRUCTION	MAR 2004	RLT	PROJ. ENGR. DAN
REGULATORY APPROVAL	NOV 2003	RLT	
PRELIMINARY DESIGN	NOV 2002	RLT	

EL 903.14

APPROX FIN GRADE

EXP JT, SEE NOTE 5

EXISTING SCUM PIT

EL 894.50

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 DAVID A. NAILOR, 025465. 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

GRAVITY THICKENER MODIFICATIONS MECHANICAL TOP PLANS AND SECTIONS

THE SCALE BAR	DATE
SHOWN BELOW MEASURES ONE	H & S NUMBER
INCH LONG ON THE ORIGINAL	CONTI
DRAWING.	4

BAR	DATE JUL	Y 2003
ONE	H & S JOB NUMBER	30788
ON IAL	CONTRACT NUMBER	DRAWING NUMBER
	Α	M702