

METAL PLATE SHALL BE CURVED TO FIT CIRCULAR

NO SCALE

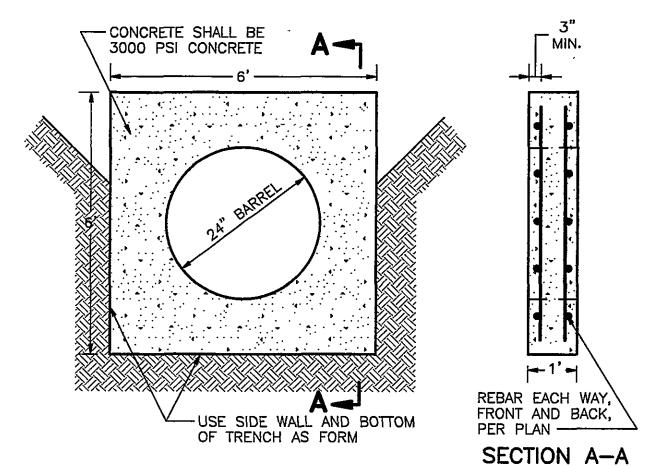
QUALITY ORIFICE

METAL ORIFICE PLATE DETAIL

2 3/4 " 3/8 "

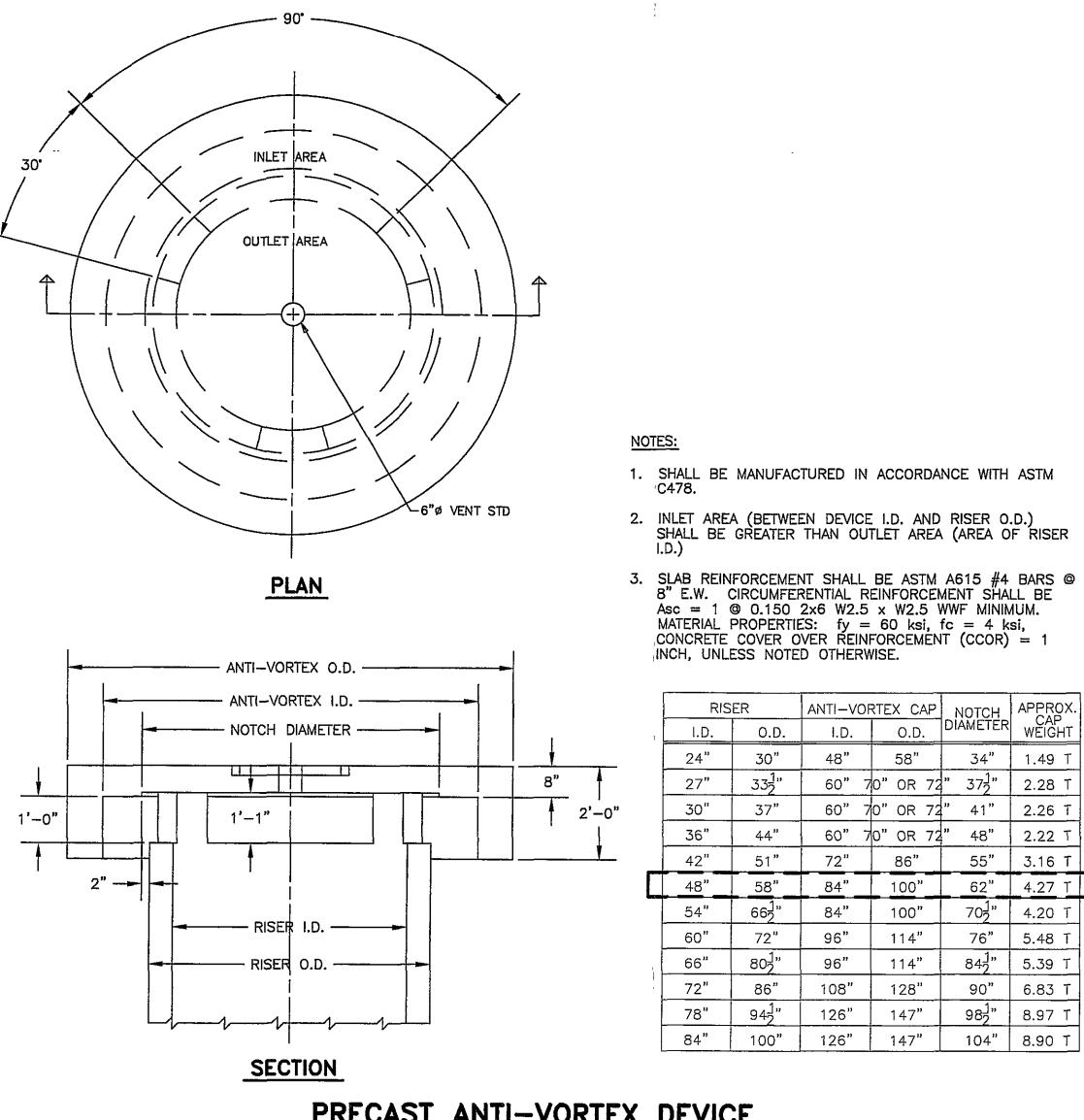
(4) 1/2"x4" SST
ADHESIVE BOLTS,
SELF-LOCKING HEX. NUTS,
FLAT WASHERS

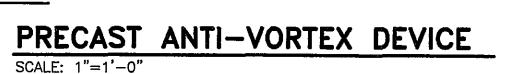
M:\60000SERIES\60973\CADD\DWG\HW9CS__0503.DWG 60973 10/09/2007 15:38:05 GUTHRIE, NOAH RF: hw9c_nxdt00,hw9g_n_brdr IMG: NONE



- 1. MIN. CLEARANCE BETWEEN REBAR AND OUTSIDE FACE OF COLLAR SHALL BE 3".
- 2. DIMENSIONS AND BAR #5 ARE DESIGN SPECIFIC.
- 3. COMPACT OVER-EXCAVATION TO 95% DENSITY PER ASTM
- 4. COLLARS SHOULD BE PLACED A MINIMUM OF 2' FROM PIPE JOINTS UNLESS FLANGED PIPE JOINTS ARE USED.

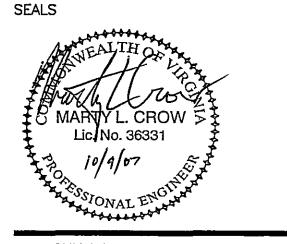
CONCRETE ANTI-SEEP COLLAR DETAIL NO SCALE





ARCHITECTS ENGINEERS PLANNERS

HAYES, SEAY, MATTERN & MATTERN, INC. 1315 FRANKLIN ROAD ROANOKE, VA 24016 (540) 857-3100 WWW.HSMM.COM



CONSULTANT

CONSULTANT

PARKING EXPANSION **AND** ROAD ADDITION

AKZO NOBEL COATINGS INC. ROANOKE CITY, VIRGINIA

Δ	10/09,	/07	CITY COMM	ENTS	TSP
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REV	DATE	-	DESCRIP	TION	APP
COMM	NO:	60973		·	
ISSUE	DATE:	AUGUST	15, 2007		
DESIG	NED BY:	NTG	DRAWN	BY:	NTG

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CIVIL

DETENTION POND **DETAILS**

CS503