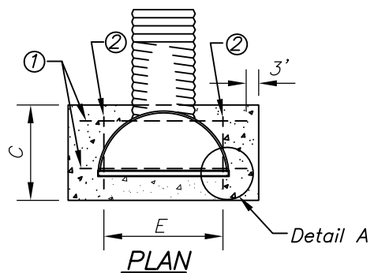
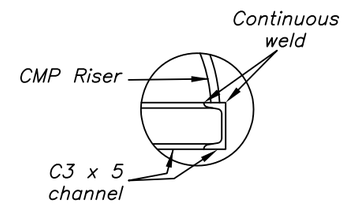
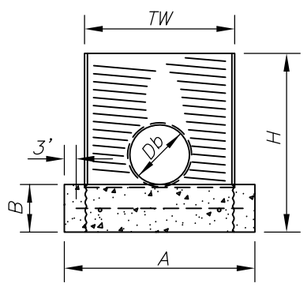
29N416



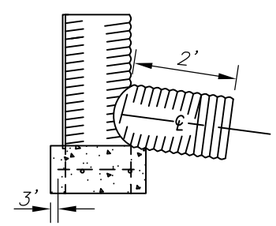
PLAN



DETAIL A

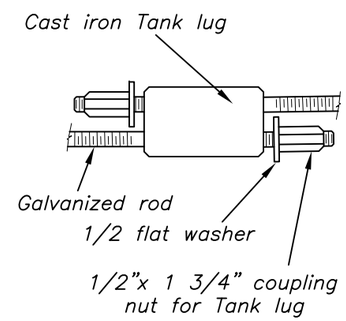


FRONT ELEVATION



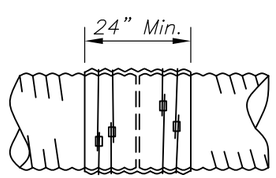
SIDE ELEVATION

RISER DETAILS

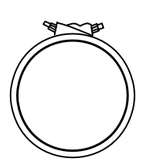


TANK LUG

DETAILS CONNECTING BAND

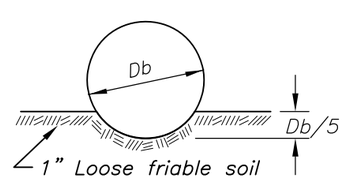


SIDE ELEVATION



END SECTION

4 ROD CONNECTING BAND



MINIMUM PIPE BEDDING REQUIREMENTS

FOOTING DIMENSIONS

STRUCTURE No.	WIDTH A Inches	THICKNESS B Inches	DEPTH C Inches	BAR SPACE D Inches	BAR SPACE E Inches

MINIMUM DIMENSIONS RELATING TO BARREL DIAMETER

Db	H	TW	A	B	C	CONCRETE VOLUME
12"	30"	24"	3'–0"	9"	1'–0"	3.4 $ft.^3$
15"	33"	37"	4'–0"	1'–0"	1'–6"	8.0 $ft.^3$
18"	36"	49"	5'–6"	1'–0"	2'–6"	16.5 $ft.^3$

#4 REINFORCING BARS

Db	Mark	Length	Number
12"	①	2'–6"	2*
	②	1'–0"	4*
15"	①	3'–6"	3*
	②	1'–6"	6*
18"	①	5'–0"	4*
	②	2'–6"	8*

* Bars equally spaced.

Revised 09/97

NOT TO SCALE

Sheet 2 of 2

Adapted from Louisiana Standard Drawing LA011006

DRAFT

NOT FOR CONSTRUCTION

Date

Designed

Drawn

Checked

Approved

CMP VARIABLE WEIR INLET WATER CONTROL STRUCTURE

United States Department of Agriculture Natural Resources Conservation Service

NRCS

File Name

Drawing Name 29–N–416

Sheet of

Toggle Draft Off