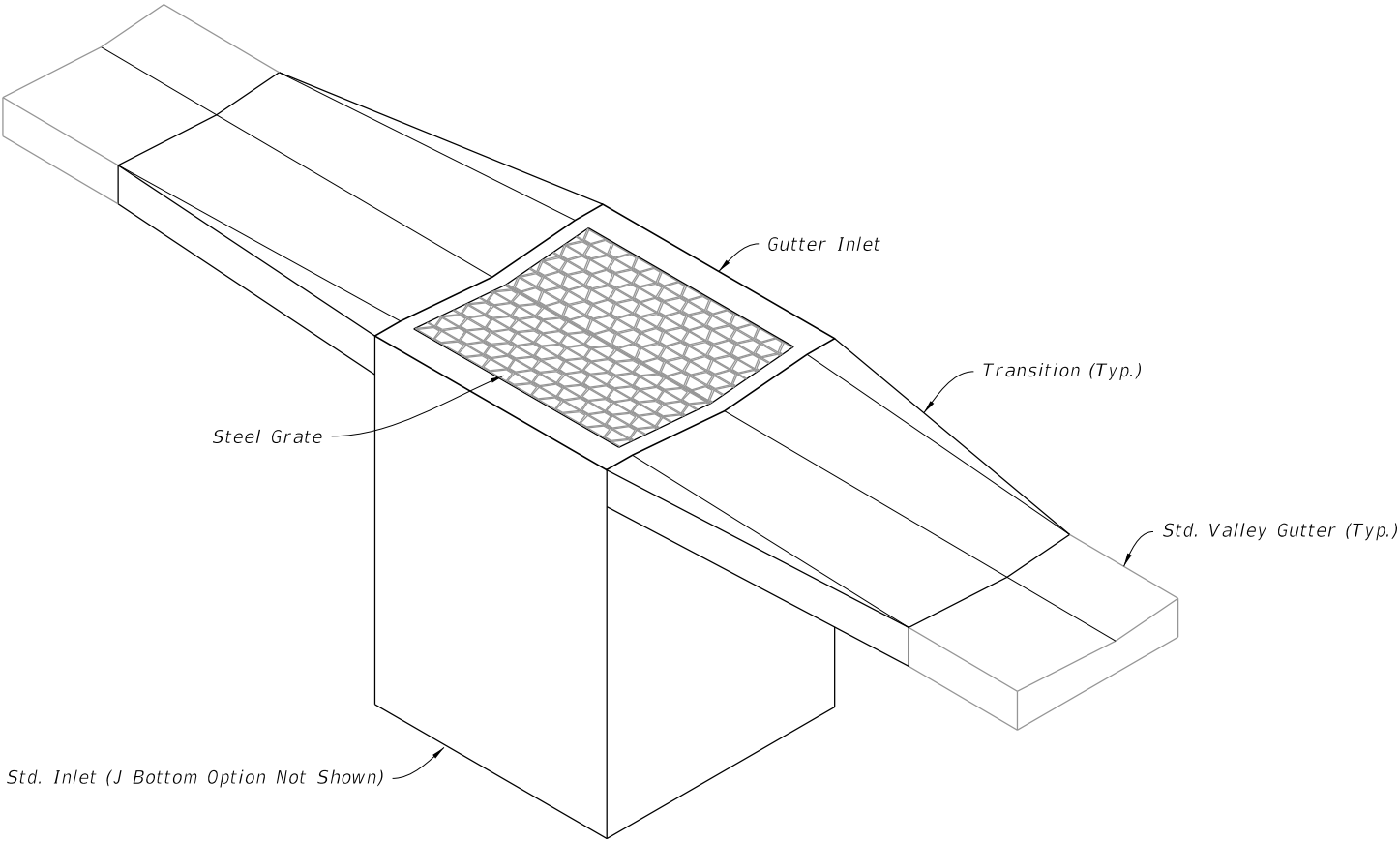


GENERAL NOTES:

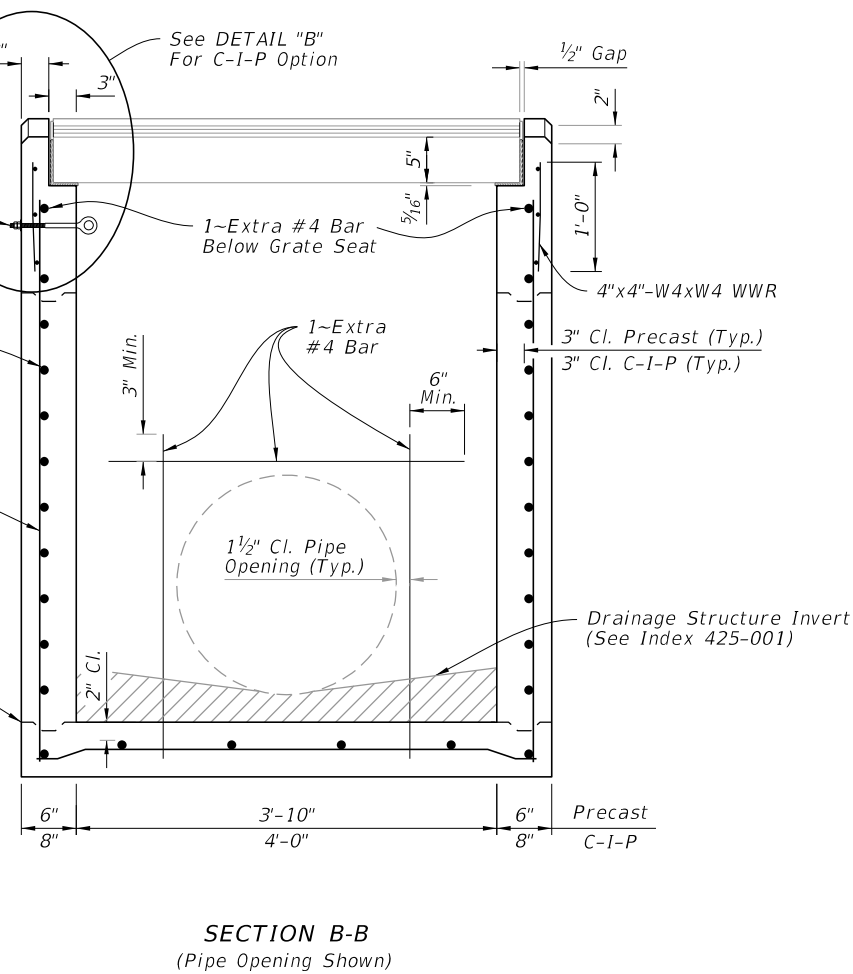
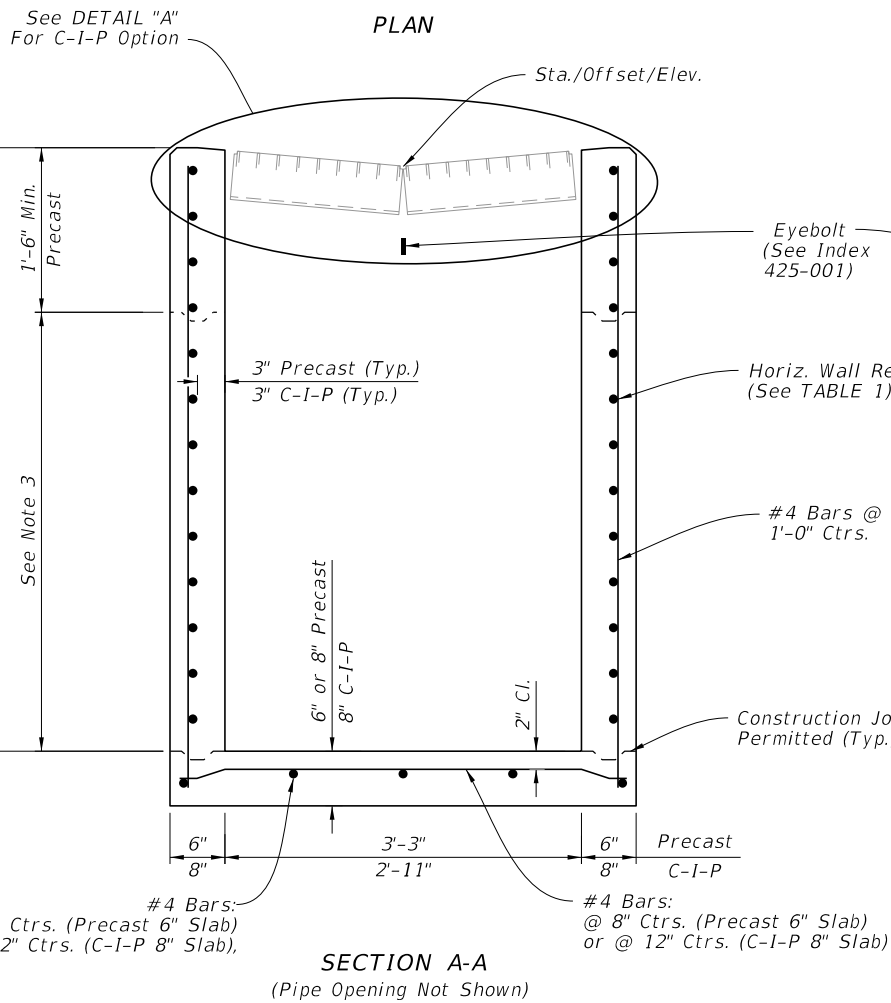
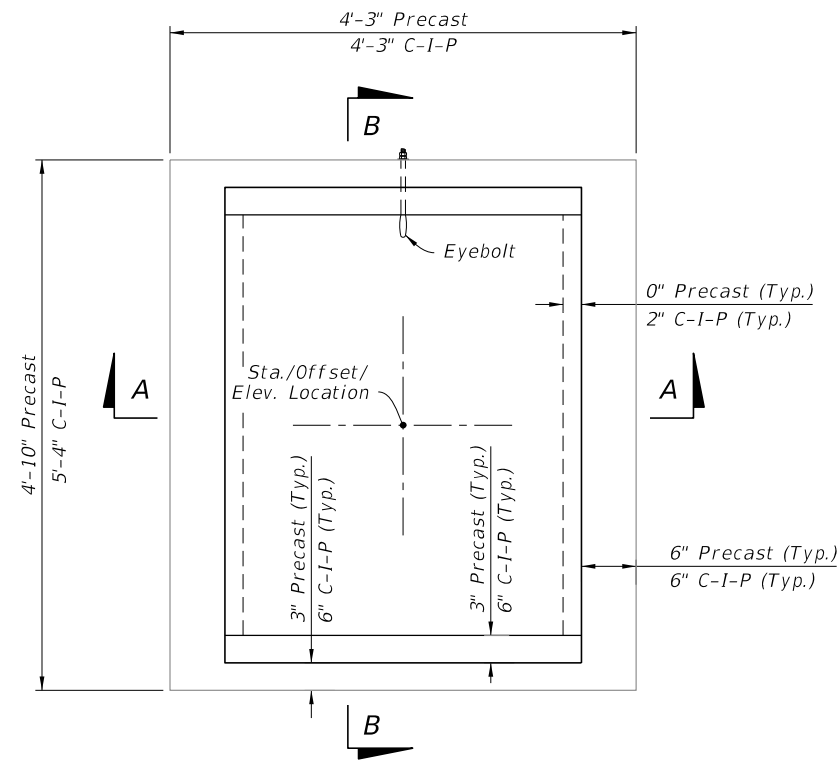
- 1. Work this Index with Index 425-001 and Index 425-010.
- 2. All reinforcing is Grade 60 bars with 2" min. cover unless otherwise noted.
See Index 425-001 for equivalent area of welded wire fabric. Cut or bend bars out of way of pipe to clear pipe 1½".
- 3. Chamfer all exposed edges and corners ¾" or tool to ¼" radius.
- 4. Dimensions are for both precast and cast-in-place inlets unless otherwise noted.

TABLE OF CONTENTS:	
Sheet	Description
1	General Notes and Contents
2	Dimensional and Reinforcing Details
3	Steel Grate Details
4	Alternate A Structure Bottom - Top Slab Details



GUTTER INLET TYPE V
(Pipe Opening Not Shown)

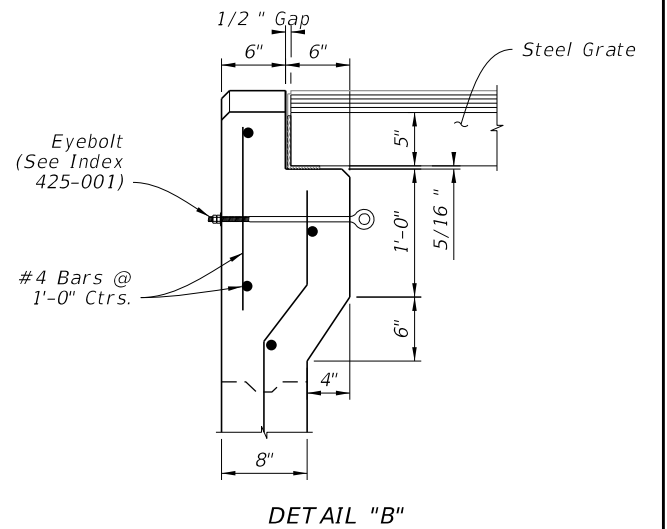
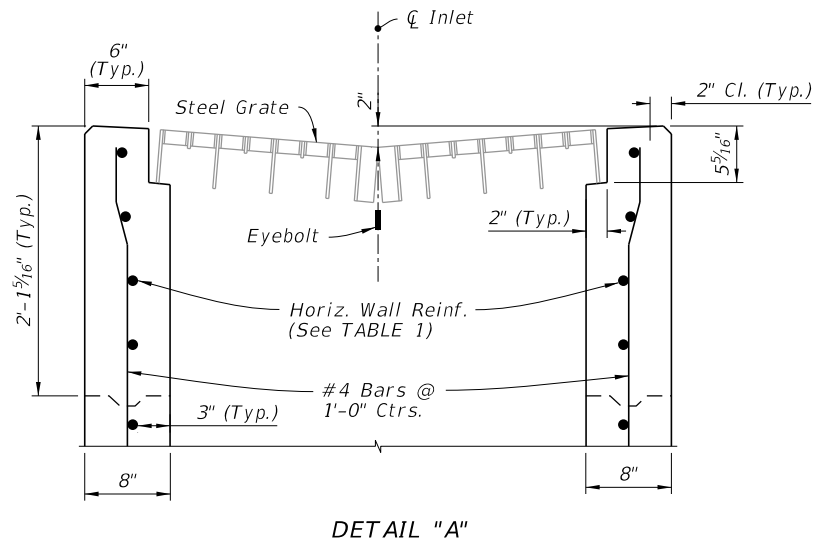
9/28/2026 11:51:50 AM



SECTION A-A
(Pipe Opening Not Shown)

SECTION B-B
(Pipe Opening Shown)

DIMENSIONAL AND REINFORCING DETAILS



CAST-IN-PLACE OPTION

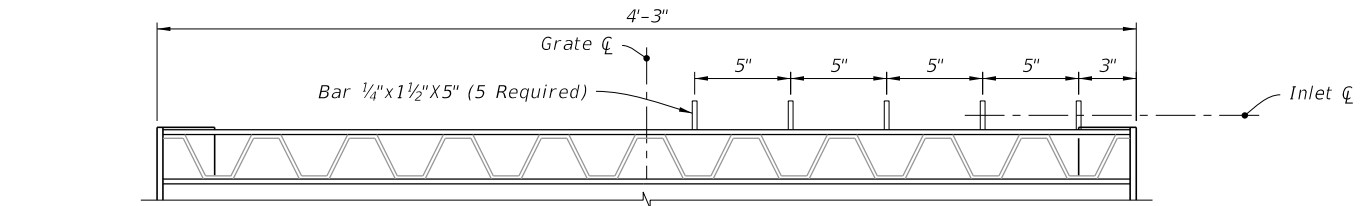
TABLE 1 HORIZONTAL WALL REINFORCING SCHEDULE				
WALL DEPTH	SCHEDULE	AREA (in. ² /ft.)	MAX. SPACING	
			BARS	WWR
0' - 5'	A12	0.20	12"	8"
5' - 9'	A6	0.20	6"	5"
9' - 12'	A4	0.20	4"	3"
9' - 15'	B5.5	0.24	5 1/2"	5"

NOTES:

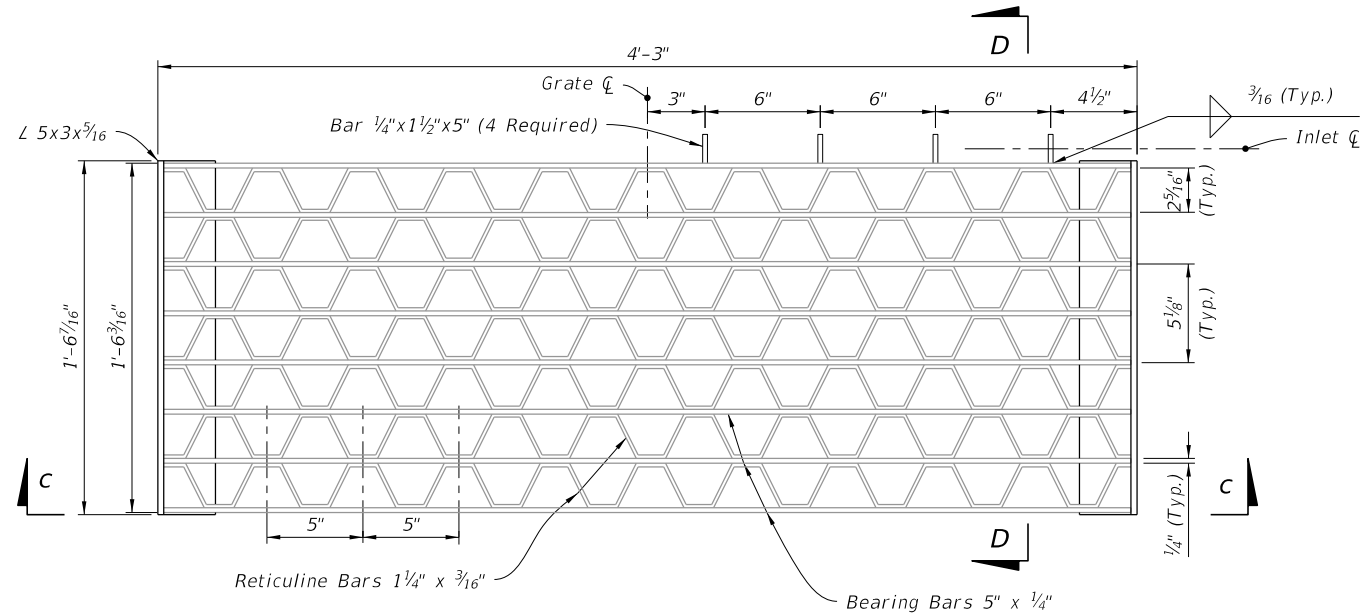
1. Plan View: Grate, Concrete Ditch Pavement, and Sod not shown on structure detail.
2. Precast Shown, Cast-In-Place (C-I-P) similar.
3. Construction joints permitted between these limits. See Index 425-001 for minimum dimensions.

11:51:53 AM
9/28/2026

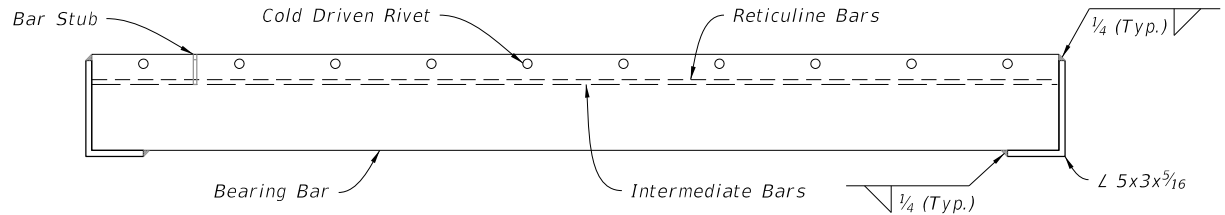
9/28/2026 11:51:56 AM



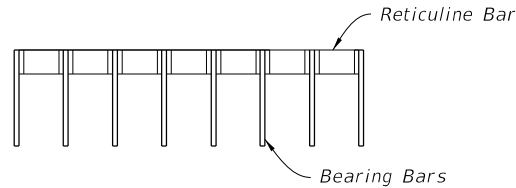
OPTIONAL BAR SPACING



PLAN



SECTION C-C



SECTION D-D

RETICULATE GRATE DETAIL

(Two Grates Required per Inlet)

STEEL GRATE DETAILS

LAST REVISION	DESCRIPTION:	FDOT	FY 2027-28 STANDARD PLANS	GUTTER INLET TYPE V	INDEX	SHEET
11/01/20					425-041	3 of 4

9/28/2026 11:51:58 AM

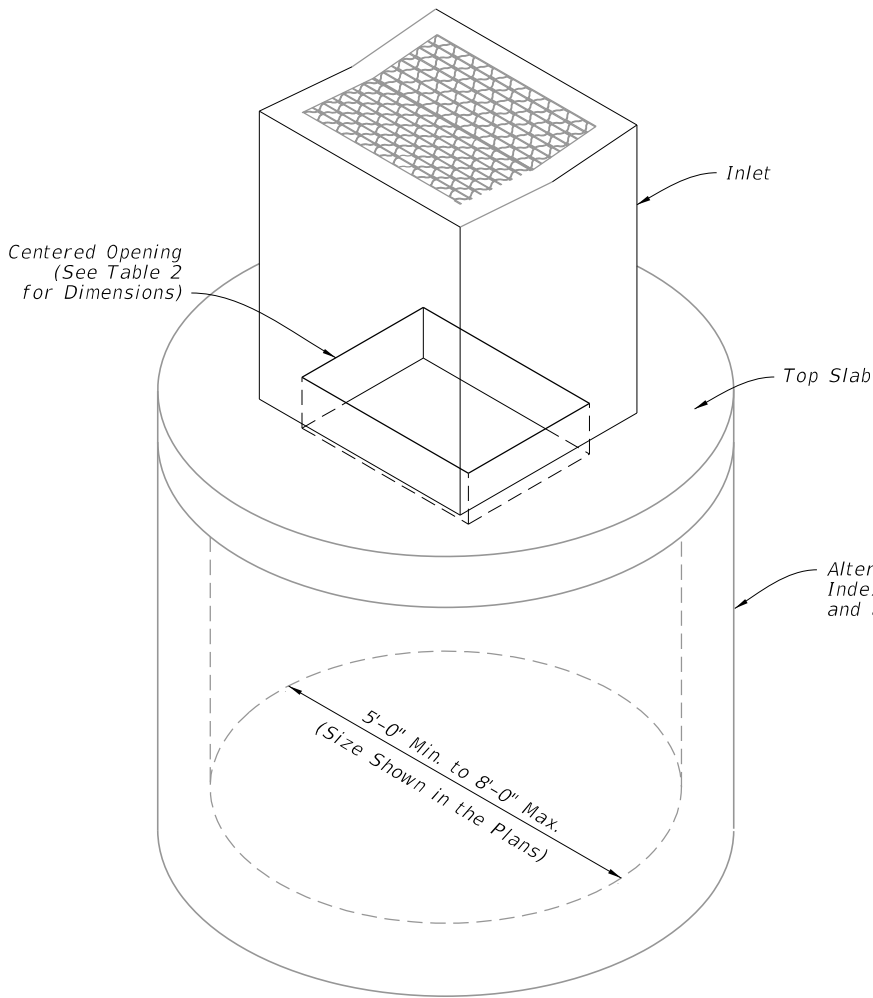


TABLE 2 TOP SLAB OPENING		
DIAMETER	OPENING SIZE	
	Min.	Max.
5'-0" to 8'-0"	2'-11" x 4'-0"	3'-3" x 3'-10"

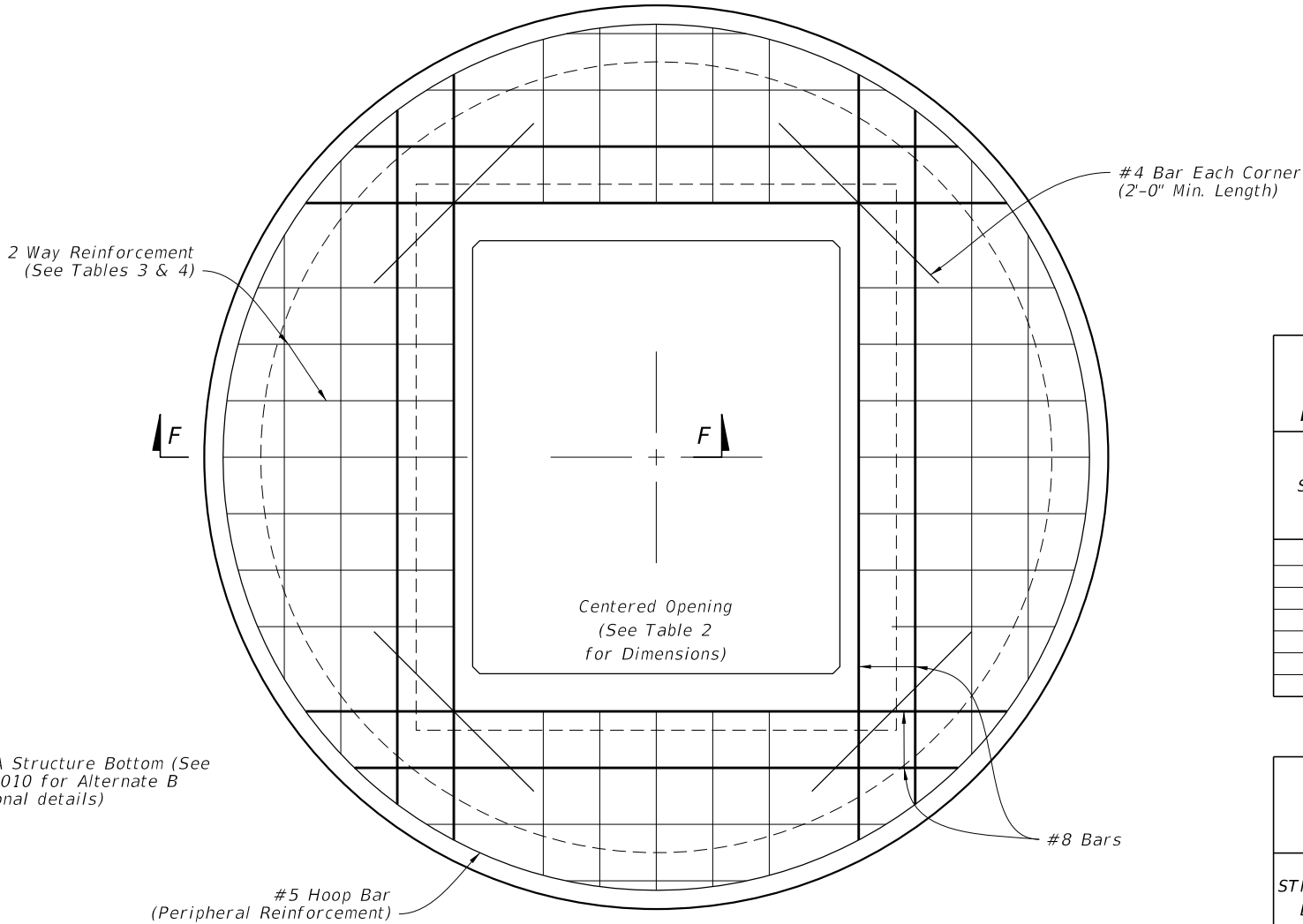
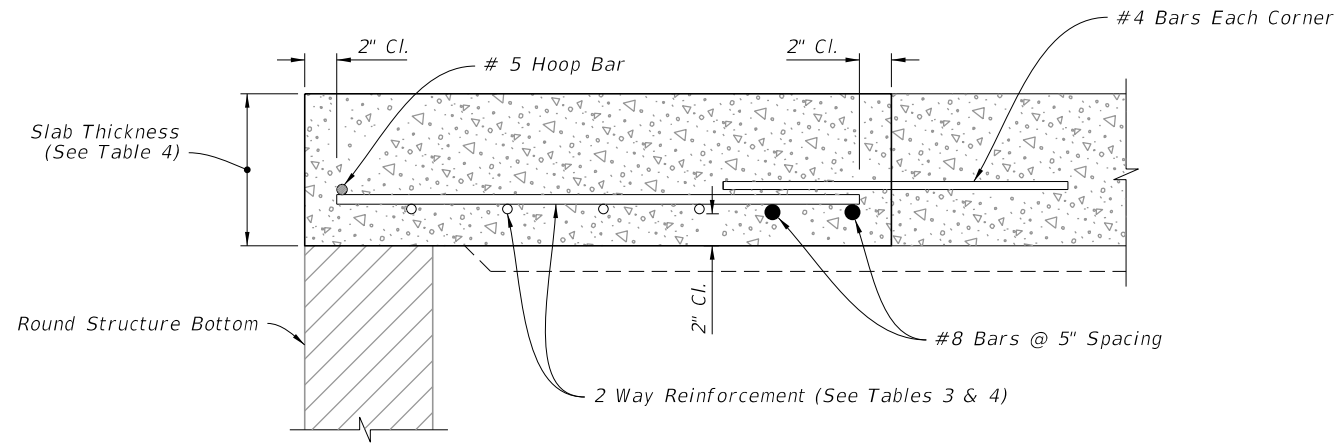


TABLE 3 TOP SLAB REINFORCING SCHEDULE	
SCHEDULE	GRADE 60 (BAR) OR 65 KSI & 70 KSI (WIRE FABRIC) In. ² /ft.
A	0.20
B	0.24
C	0.37
D	0.53
E	0.73
F	1.06
G	1.45

TABLE 4 TOP SLAB WITH CENTERED OPENING		
STRUCTURE DEPTH	SLAB THICKNESS	REINFORCING (2 WAY) SCHEDULE
SIZE: 5'-0"		
≥0.5'<30'	9½"	C
30'<40'	9½"	D
SIZE: 6'-0"		
0.5'<8'	9½"	B
8'<18'	9½"	C
18'<30'	9½"	D
30'<37'	9½"	E
37'<40'	9½"	G
SIZE: 8'-0"		
≥0.5'<9'	11½"	C
9'<15'	11½"	D
15'<23'	11½"	E
23'<33'	11½"	E
33'<40'	11½"	G



SECTION F-F

ISOMETRIC VIEW

TOP SLAB REINFORCEMENT DETAILS

ALTERNATE A STRUCTURE BOTTOM - TOP SLAB DETAILS

LAST REVISION 11/01/20	REVISION	DESCRIPTION:	FDOT FY 2027-28 STANDARD PLANS	GUTTER INLET TYPE V	INDEX 425-041	SHEET 4 of 4
------------------------------	----------	--------------	--------------------------------------	---------------------	------------------	-----------------