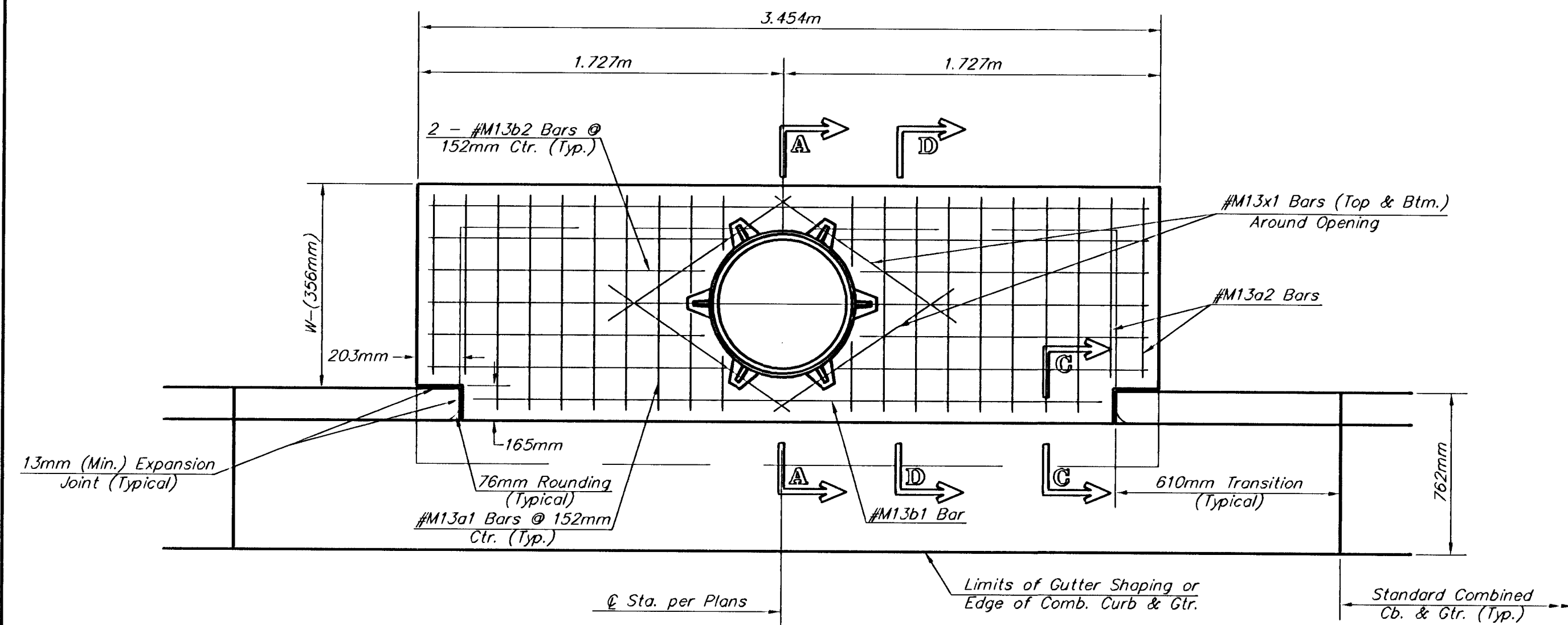
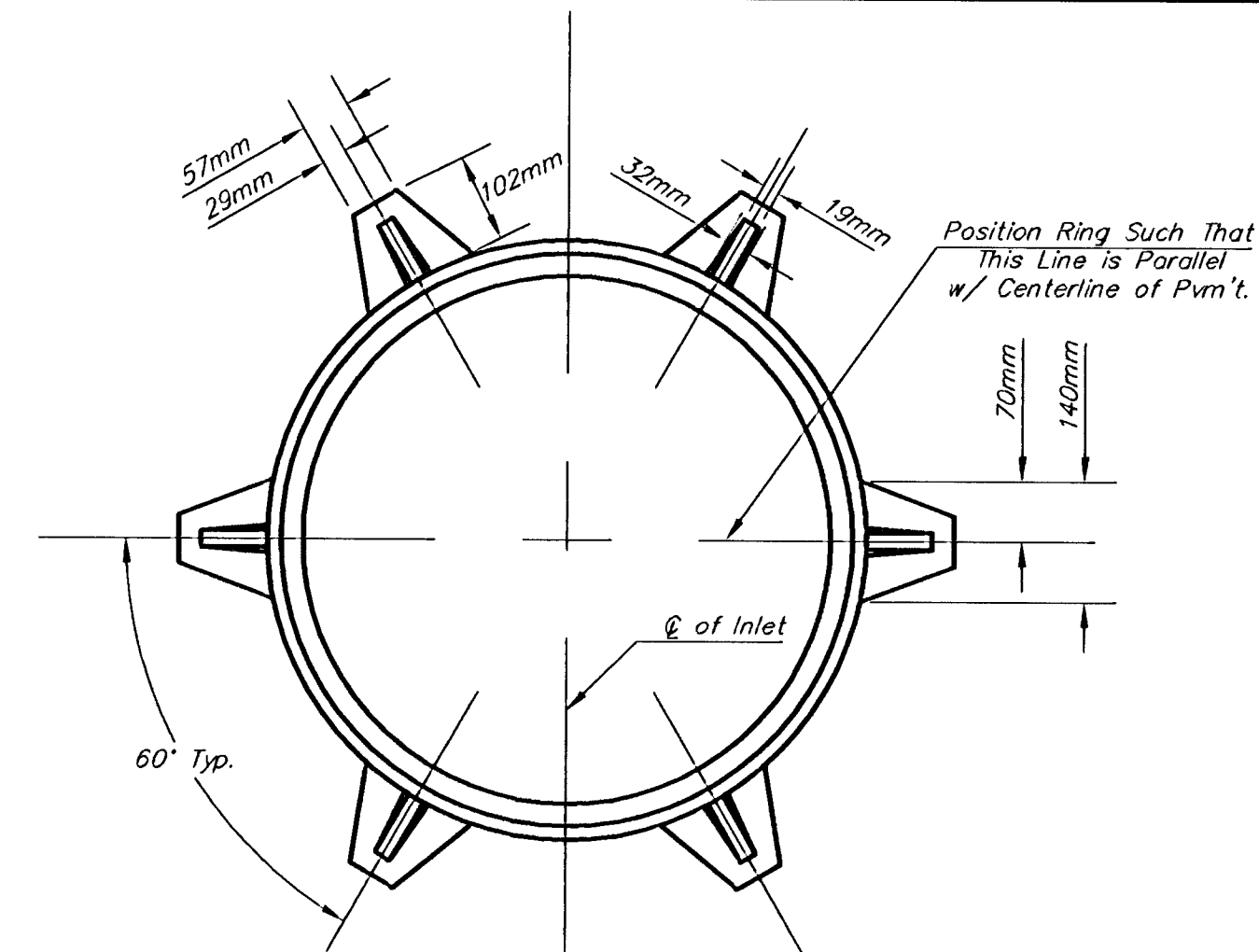


FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-N-0225-01	2002	16	47



PLAN



MANHOLE RING AND COVER

PRECAST SLAB AND FLOOR REINFORCING												
MARK	SIZE	W = 1.321m		W = 1.626m		W = 1.930m		W = 2.235m		W = 2.540m		
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	
a1	#M13	13	2.007m	13	2.616m	13	3.226m	13	3.835m	13	4.445m	
* a2	#M13	4	1.829m	4	2.438m	4	3.048m	4	3.658m	4	4.267m	
a3	#M13	23	1.245m	23	1.549m	23	1.854m	23	2.159m	23	2.464m	
b1	#M13	1	2.972m	1	2.972m	1	2.972m	1	2.972m	1	2.972m	
* b2	#M13	23	3.378m	29	3.378m	35	3.378m	41	3.378m	47	3.378m	
x1	#M13	8	1.168m	8	1.270m	8	1.372m	8	1.473m	8	1.575m	

WALL REINFORCING												
MARK	SIZE	W = 1.321m		W = 1.626m		W = 1.930m		W = 2.235m		W = 2.540m		
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	
w1	#M13	①	3.378m	①	3.378m	①	3.378m	①	3.378m	①	3.378m	
w2	#M13	②	1.245m	②	1.550m	②	1.854m	②	2.159m	②	2.464m	
w3	#M13	30	③	34	③	38	③	42	③	46	③	
w4	#M13	22	④	22	④	22	④	22	④	22	④	

WALL REINFORCING

MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#M13	①	3.378m	①	3.378m	①	3.378m	①	3.378m	①	3.378m		
w2	#M13	②	1.245m	②	1.550m	②	1.854m	②	2.159m	②	2.464m		
w3	#M13	③	34	③	34	③	34	③	34	③	34		
w4	#M13	④	22	④	22	④	22	④	22	④	22		

* Field Bend or Cut Reinforcing as Required for Clearance.

① ((H - 572mm)/152mm) + ((H - 851mm)/152mm)

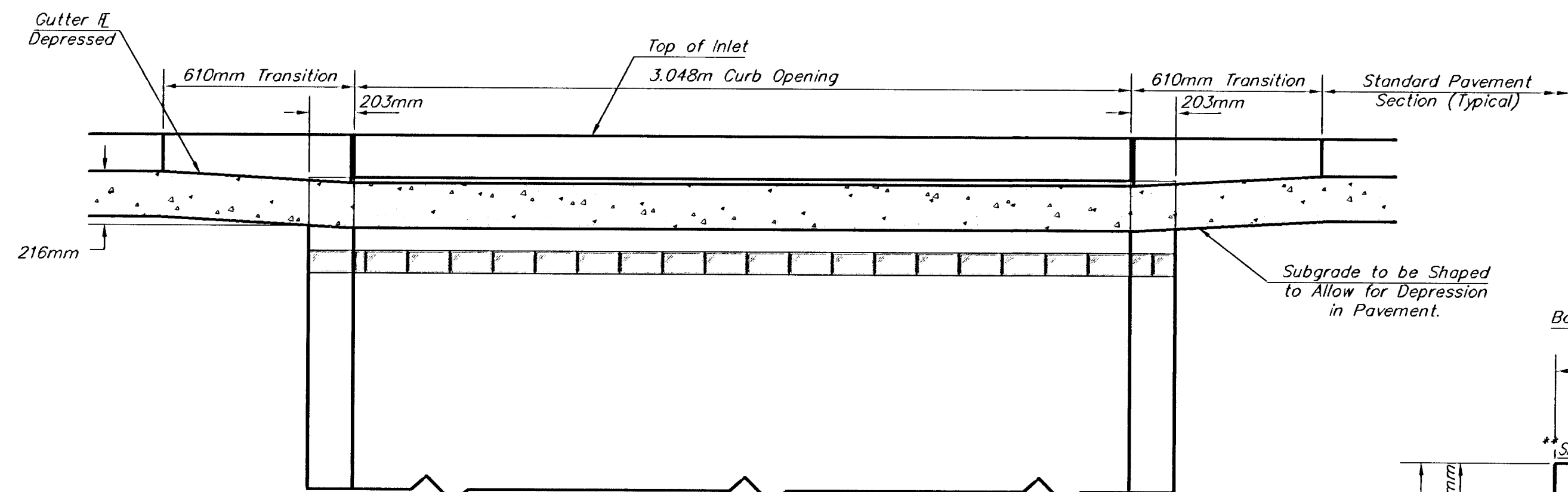
② 2*(H - 572mm)/152mm

③ H - 327mm

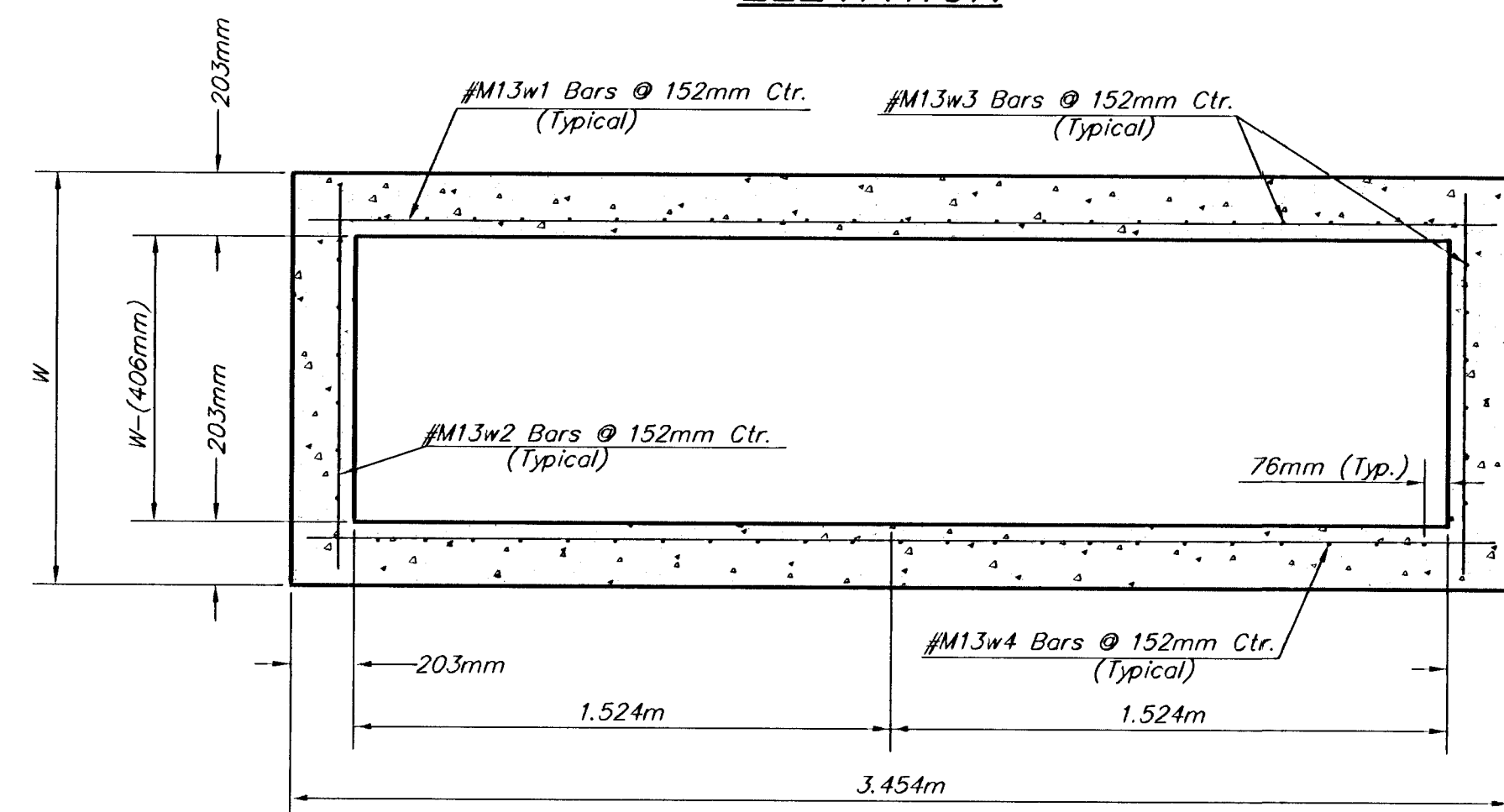
④ H - 622mm

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. M. CONC.
1.321m	1.118m x 3.454m x 191mm	533mm & SMALLER	0.63±
1.626m	1.422m x 3.454m x 191mm	610mm & 762mm	0.83±
1.930m	1.727m x 3.454m x 191mm	914mm & 1.067m	1.03±
2.235m	2.032m x 3.454m x 191mm	1.219m & 1.372m	1.23±
2.540m	2.337m x 3.454m x 191mm	1.524m & 1.676m	1.43±

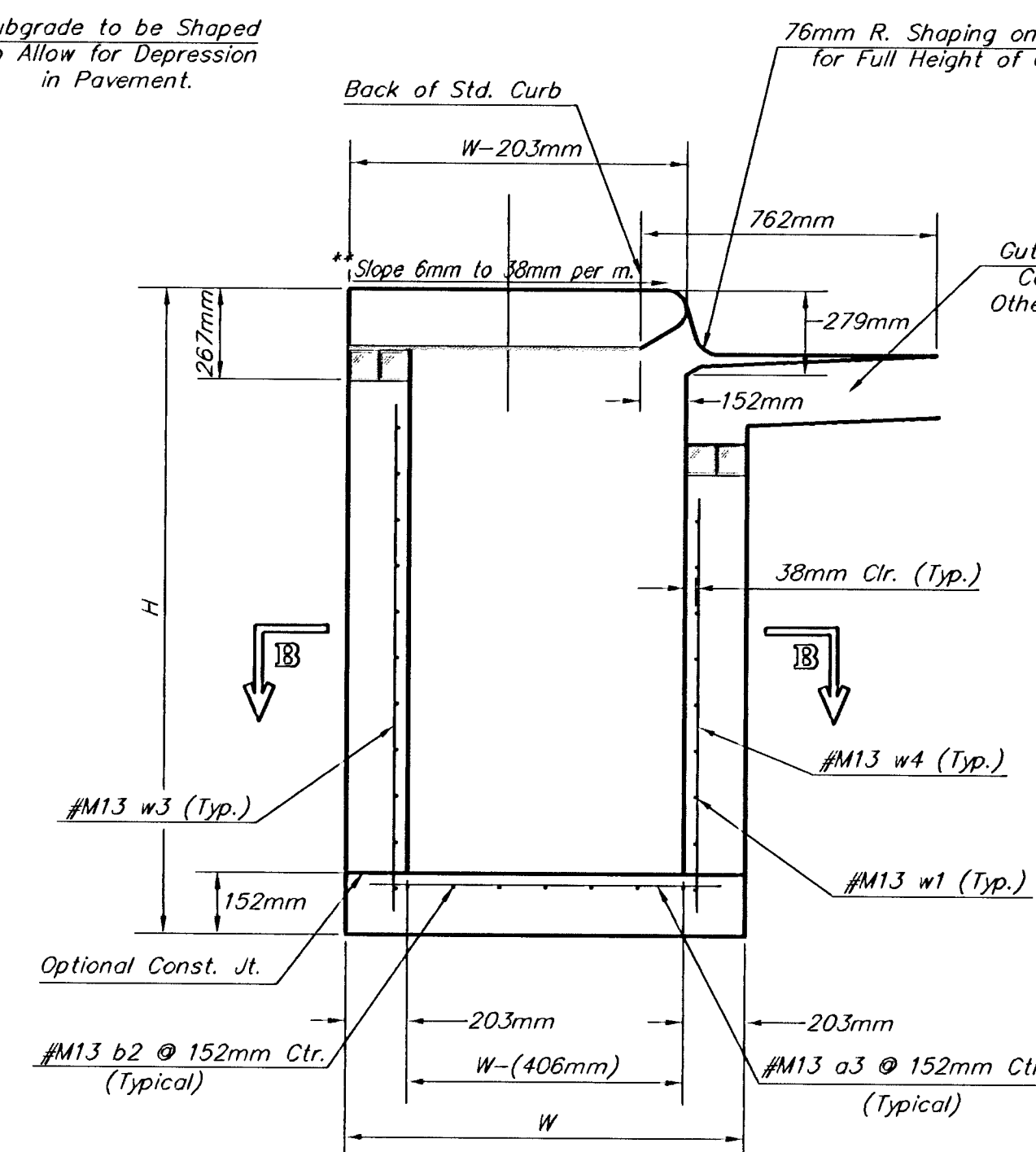
BENDING DIAGRAM



ELEVATION

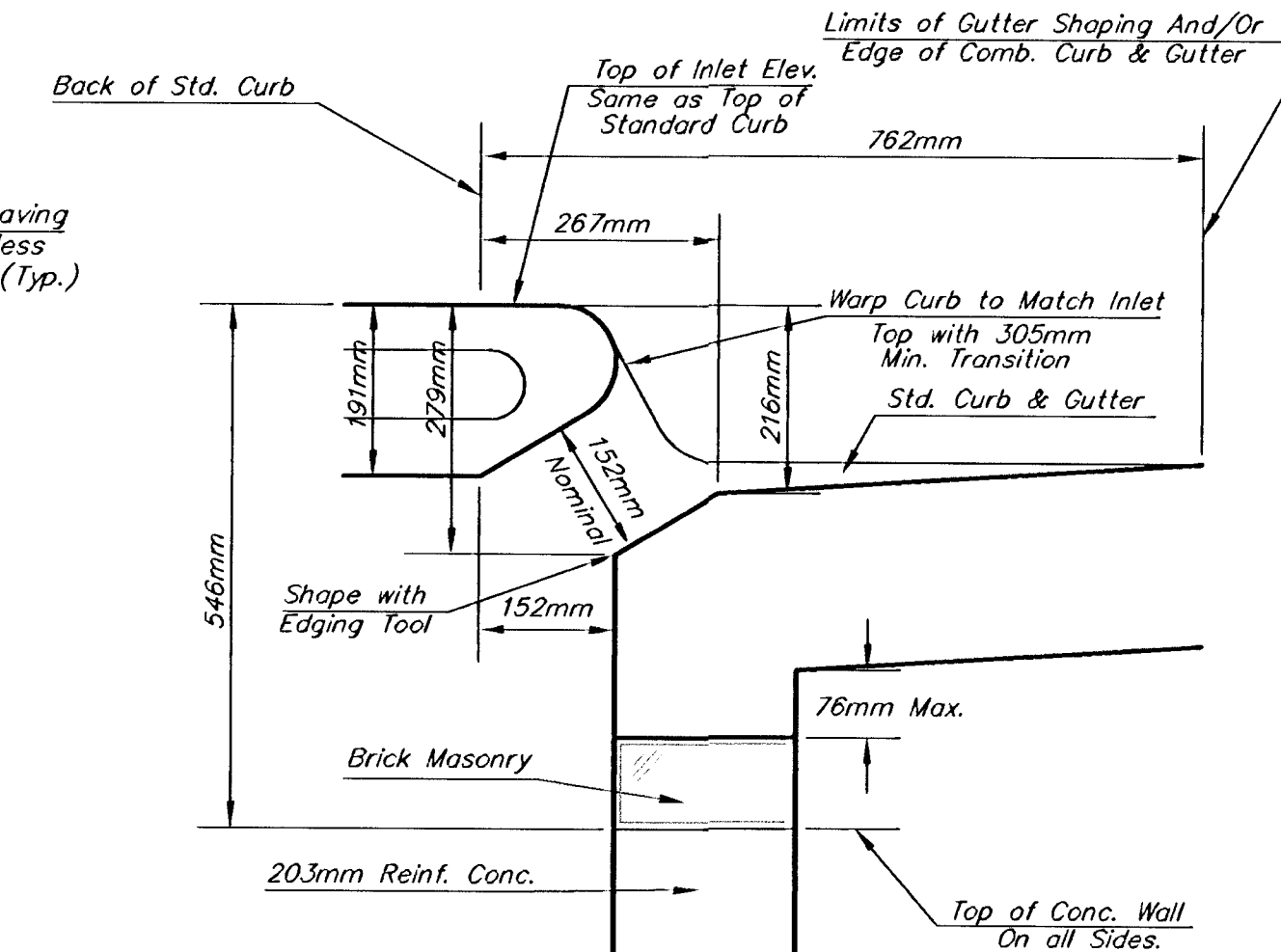


SECTION B-B

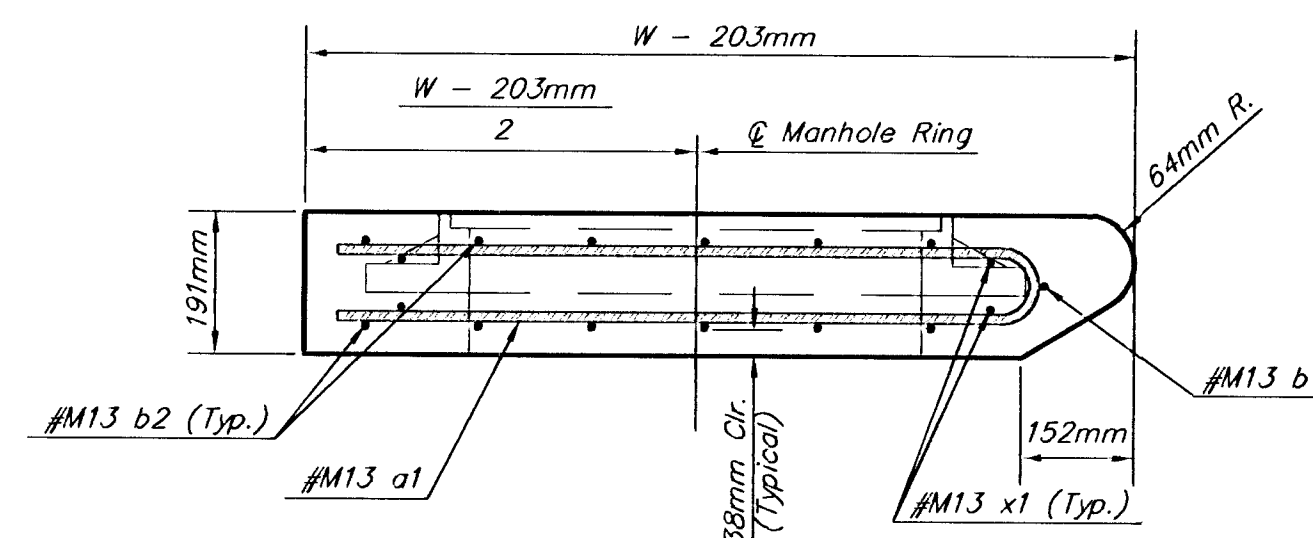


SECTION D-D

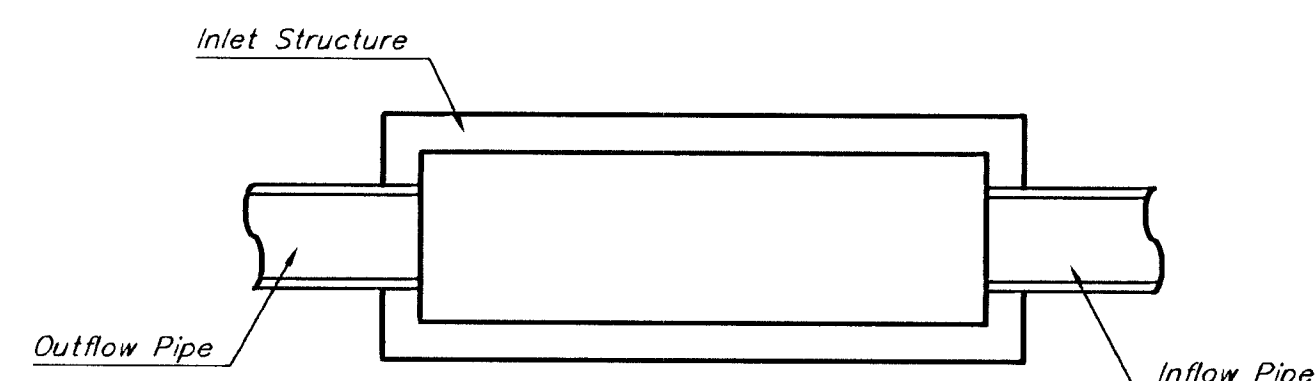
NOTES:
** Slope of inlet tops to match sidewalk of parking slopes within limits indicated



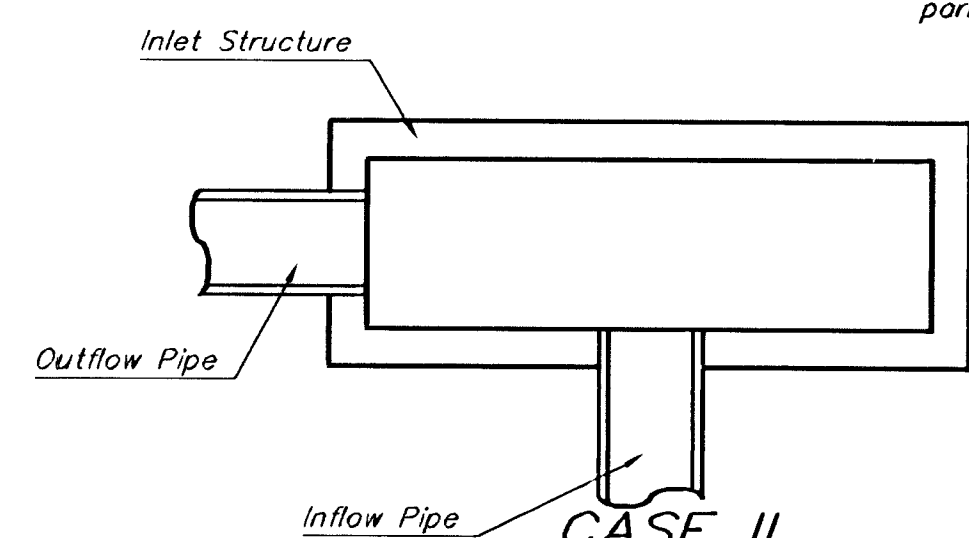
SECTION C-C



SECTION A-A



CASE I



CASE II

PROJECT NUMBER 472-83799	SHEET NAME Mstyp1-d	ENGINEERING DIRECTORY F:\LinMcLn\Details
DESIGN Staff	DRAWN Staff	APPROVED JFB
DATE July 2003	SCALE None	BAUGHMAN NO 01-03-E944

CAPITAL IMPROVEMENT PROJECT
STANDARD TYPE I DOUBLE
CURB INLET DETAILS
INLET OPENING - 152mm X 3.048m

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET
16
OF
47

KDOT METRIC

Revised - July 23, 1998
Revised - Feb. 16, 1999