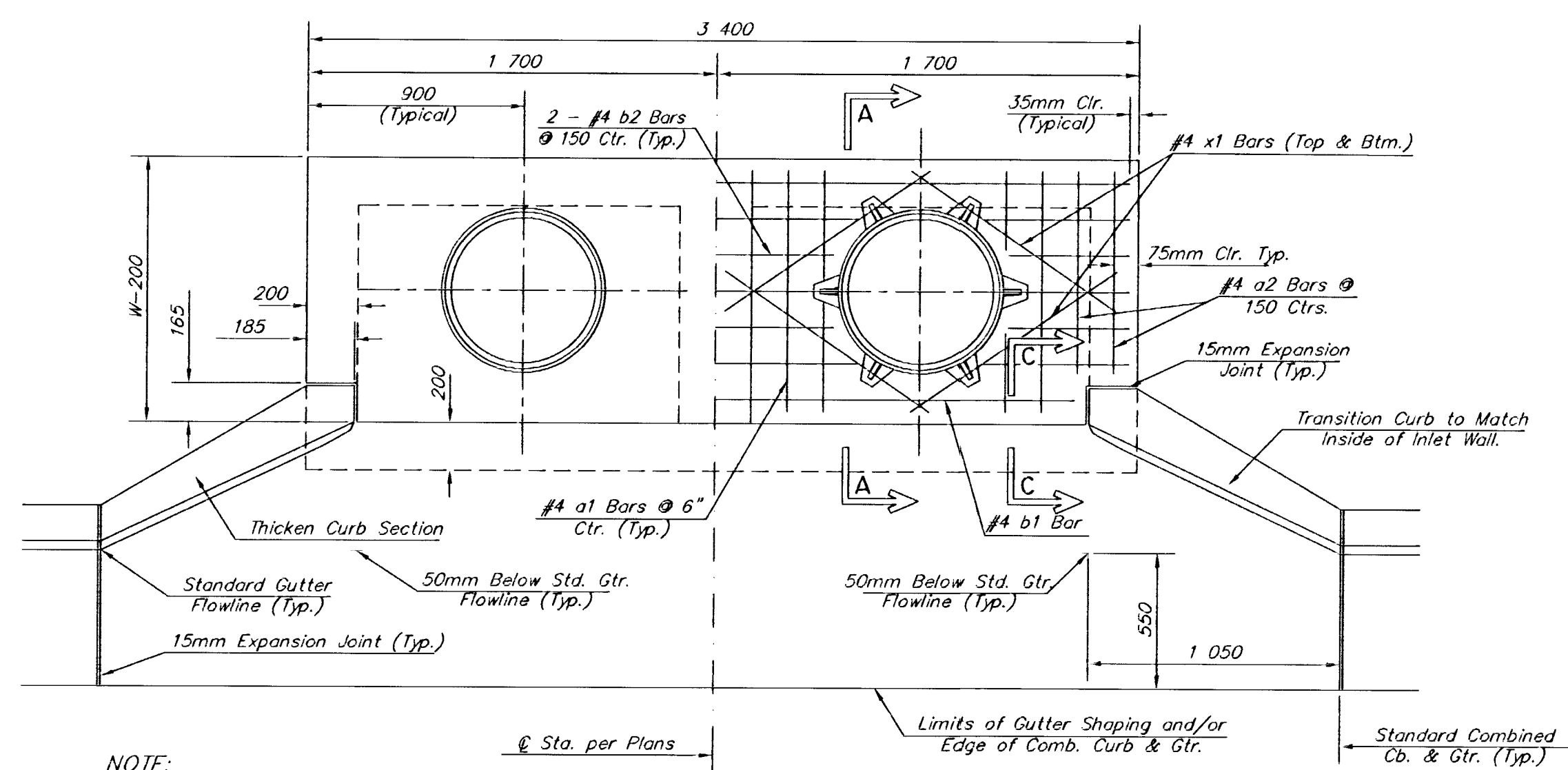


FHWA REG. NO.	STATE	PROJECT NO.:	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0197-01	2004	21B	51

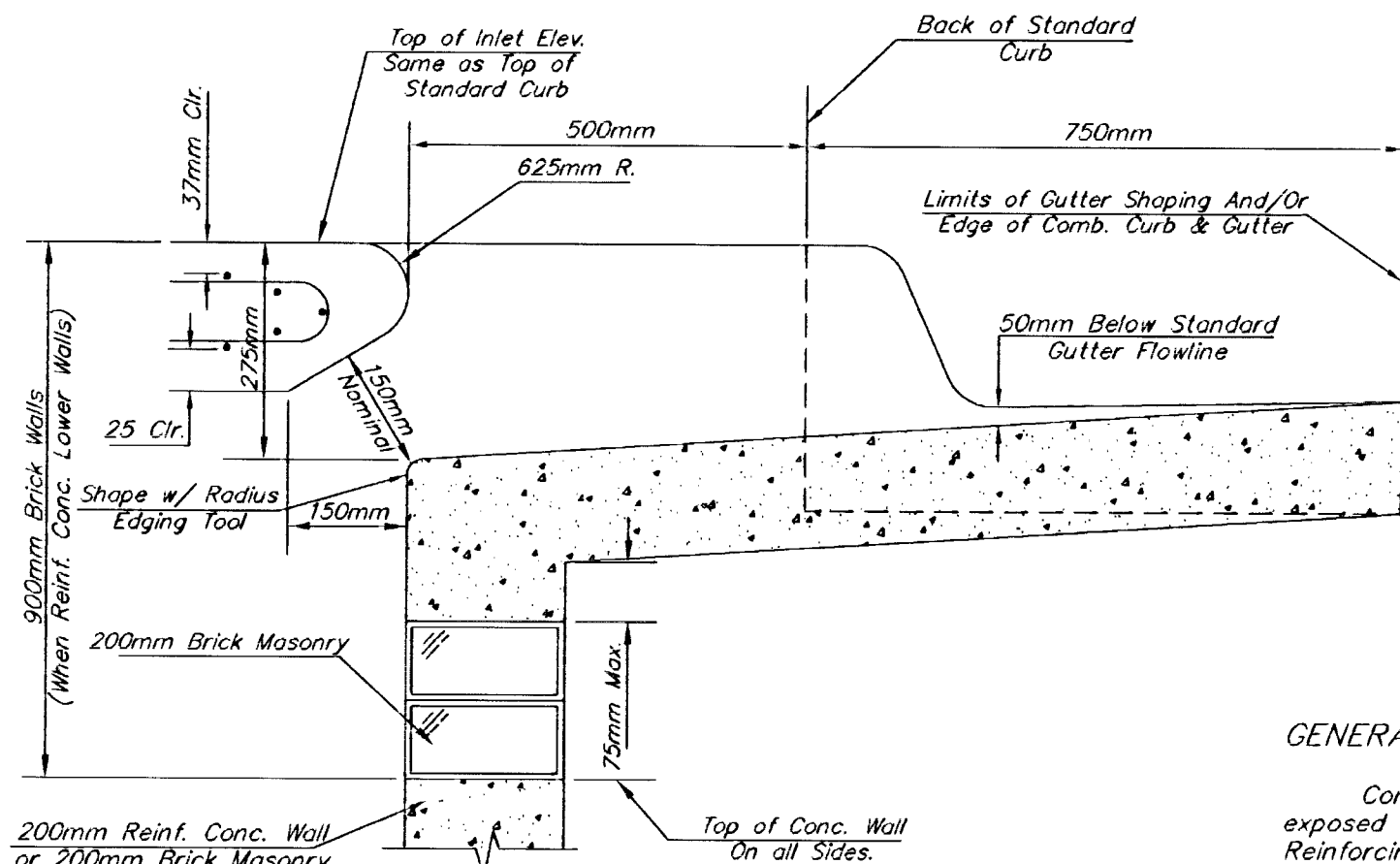
FED. AID NO. **CMQ-N019** (701)



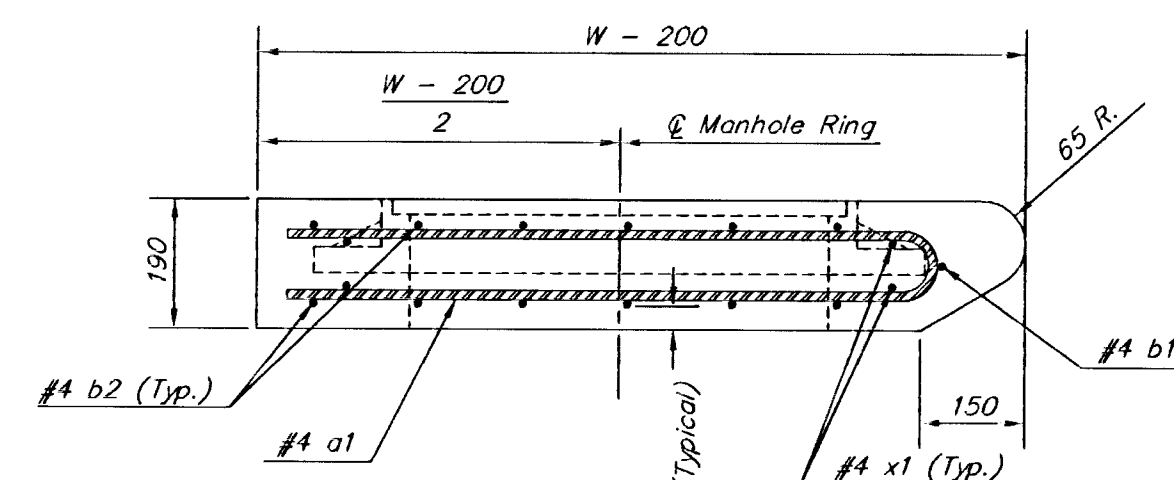
NOTE:
Expansion Joint Only in Curb Area with Concrete Pavement.

PLAN

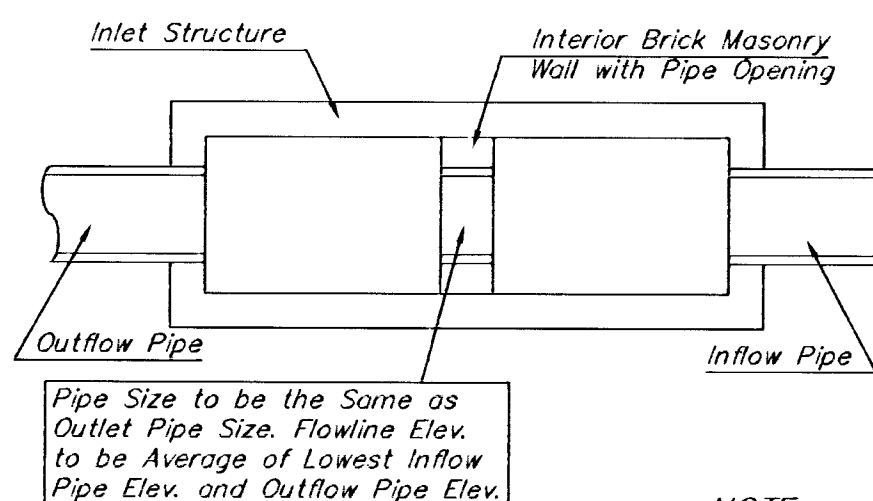
*Left Side Shown Without Slab Reinforcing,
Right Side Shown With Slab Reinforcing



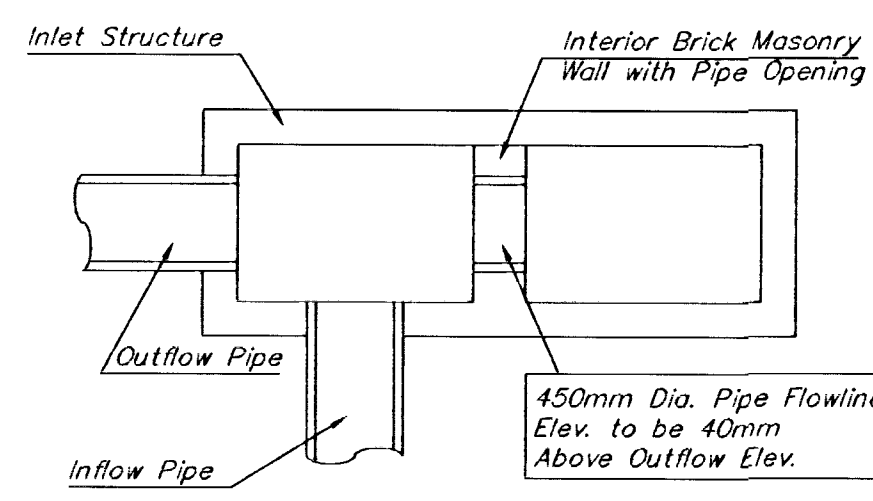
SECTION C-C



SECTION A-A

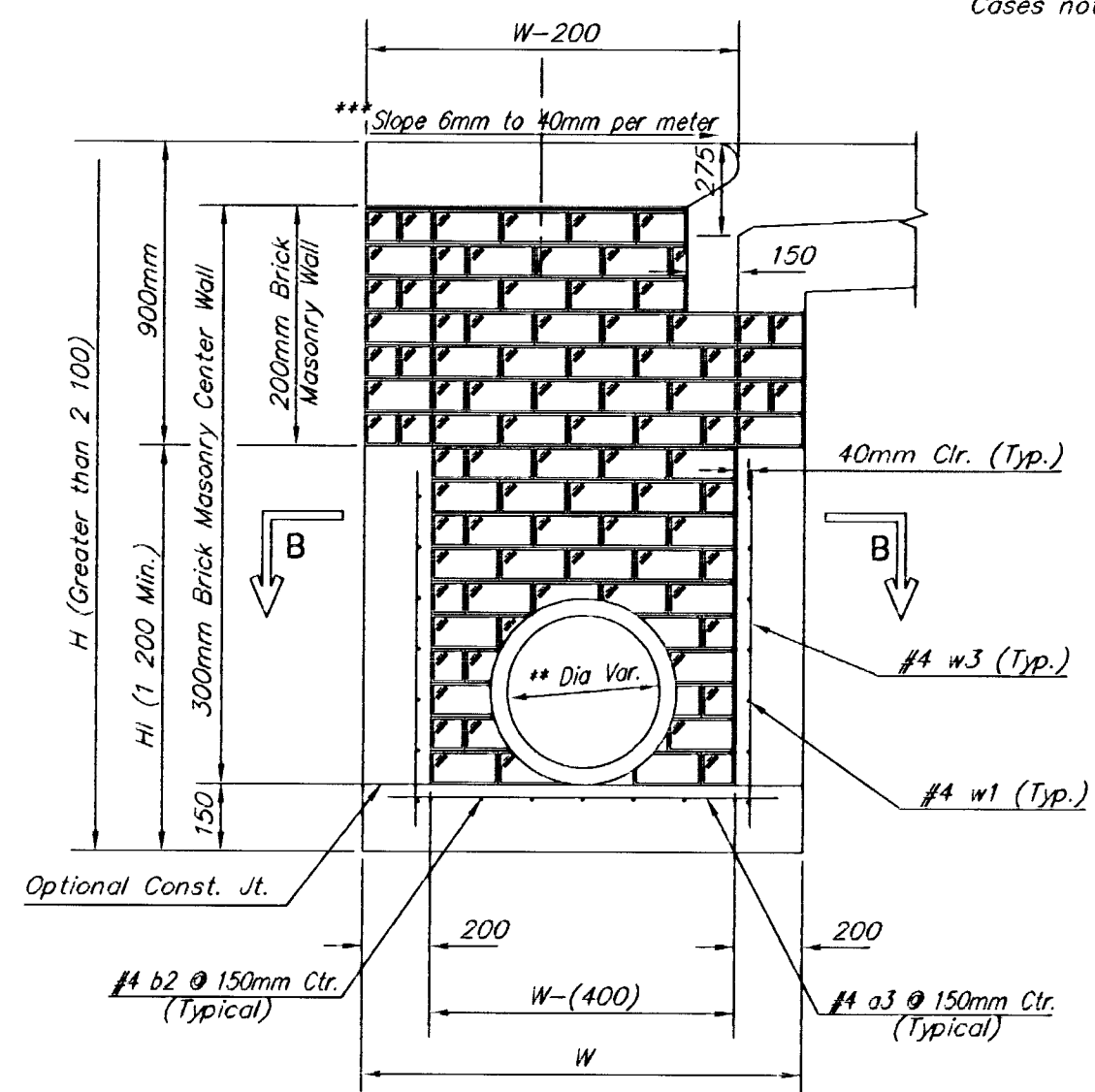


CASE I

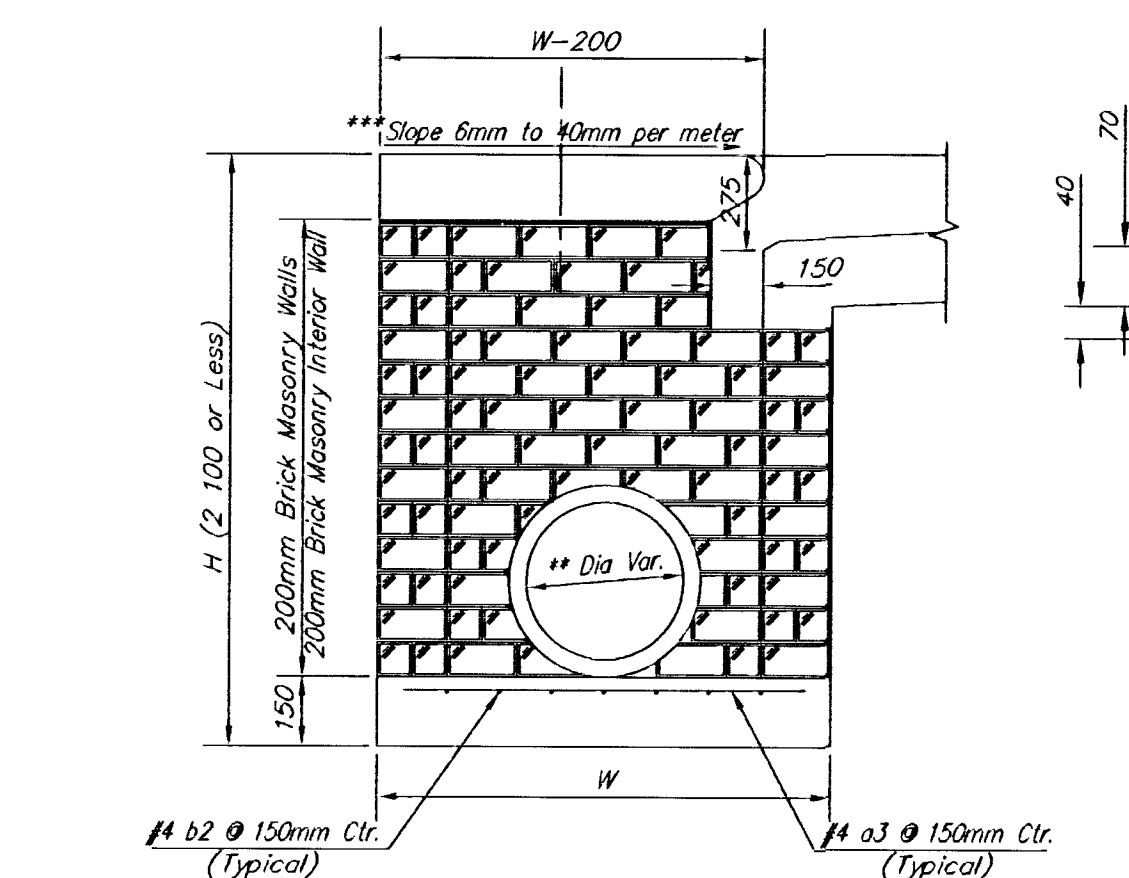


CASE II

NOTE:
Center Wall Pipe Size shall be as Specified in Inlet Construction Notes on the Plan/Profile Sheets for those Cases not Shown Here.



TYPICAL INLET SECTION AT CENTER WALL
(Reinforced Concrete Walls)

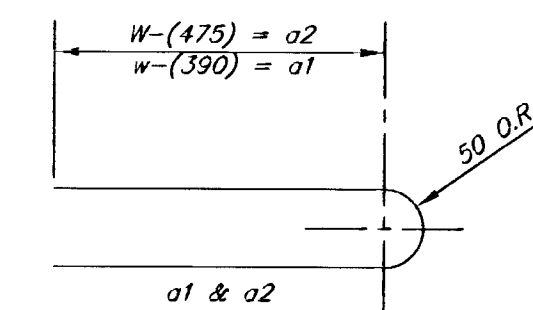


TYPICAL INLET SECTION AT CENTER WALL
(Masonry Walls)

NOTES:
** A center wall opening shall be provided by means of a section of reinforced concrete pipe. See Case I and Case II above.
*** Slope of inlet tops to match sidewalk of parking slopes within limits indicated.

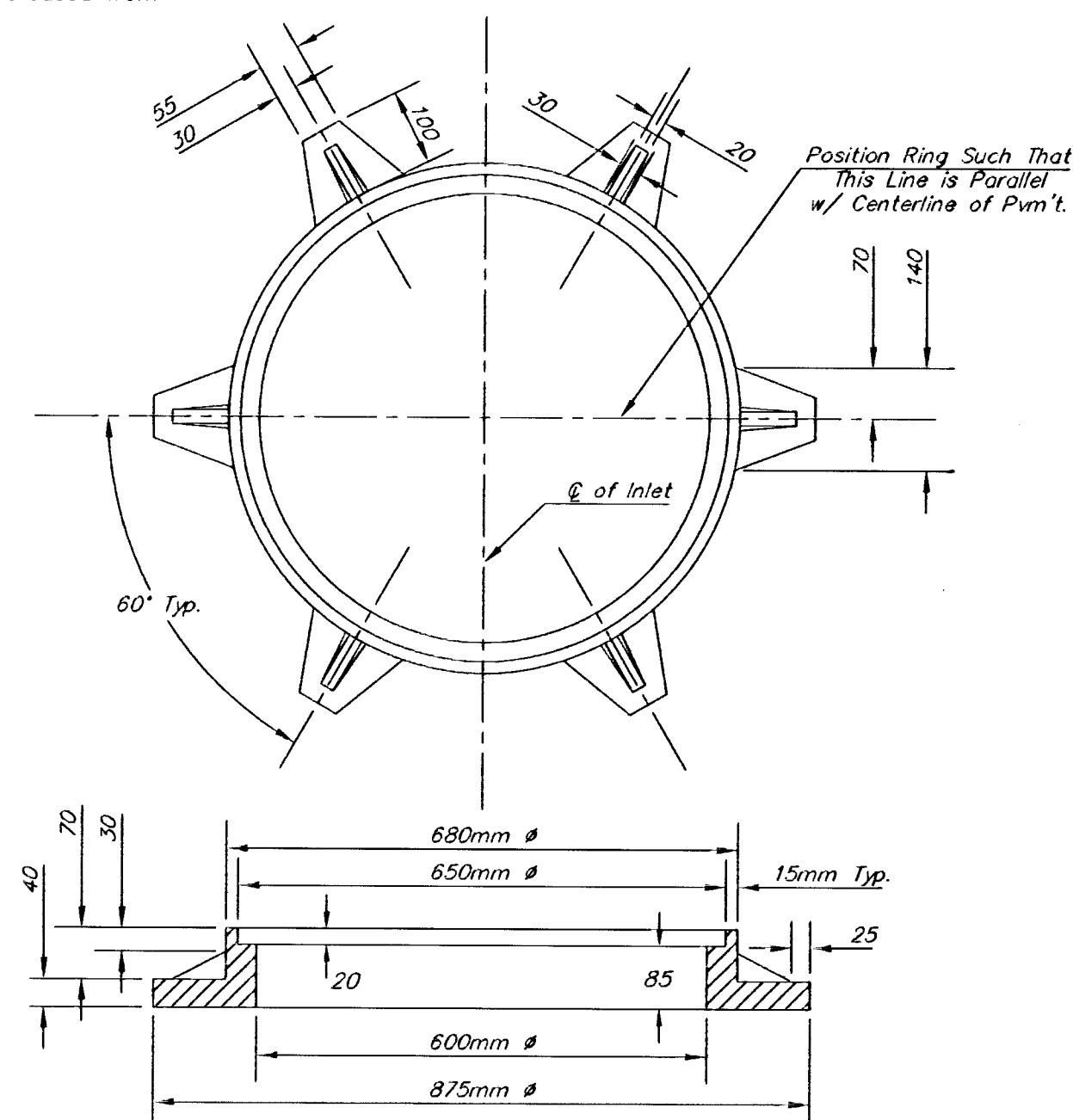
PRECAST SLAB AND FLOOR REINFORCING									
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	13	1 975	13	2 575	13	3 175	13	4 375
a2	#4	4	1 800	4	2 400	4	3 000	4	4 200
a3	#4	23	1 225	23	1 525	23	1 825	23	2 425
b1	#4	1	2 925	1	2 925	1	2 925	1	2 925
b2	#4	23	3 325	29	3 325	35	3 325	41	3 325
x1	#4	16	1 150	16	1 250	16	1 350	16	1 550

* Field Bend or Cut Reinforcing as Required for Clearance.
① 4 (H - 300) (H - 525) Rounded down to nearest 150mm
② H - 75



BENDING DIAGRAM

W	PRE-CAST TOP SIZE	PIPE SIZE	CUL. YD. CONC.
1 300	1 100 x 3 400 x 190	525mm & SMALLER	0.63t
1 600	1 400 x 3 400 x 190	600mm & 750mm	0.83t
1 900	1 700 x 3 400 x 190	900mm & 1050mm	1.03t
2 200	2 000 x 3 400 x 190	1200mm & 1350mm	1.23t
2 500	2 300 x 3 400 x 190	1500mm & 1650mm	1.42t



MANHOLE RING AND COVER
*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.

STANDARD TYPE 1-A
CURB INLET
OPENING = 150 x 3 000

Rock Road-21st Street North to 29th Street North
Type 1-A Inlet (Double)
City of Wichita

kemiller
engineering

PROJECT NUMBER 472-83889			
KEM NO. 02042	FILE 1-A (Double)	DATE	SHEET 21B
DESIGN	DRAWN	REVISED	OF 51

MAR 96

516 S. Market,
Wichita, KS 67202

316/264-0242