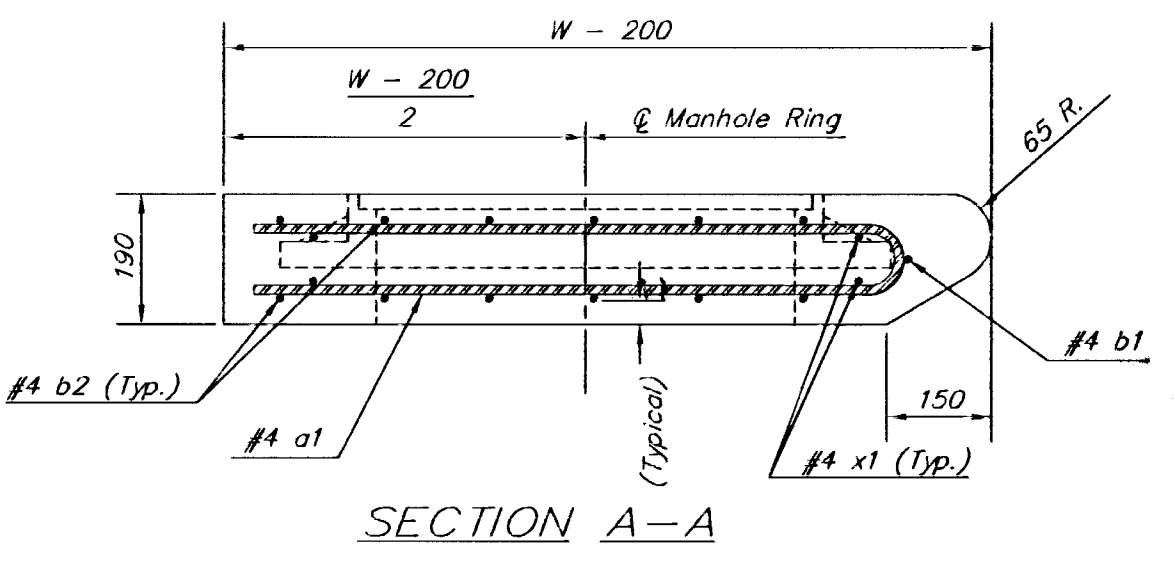
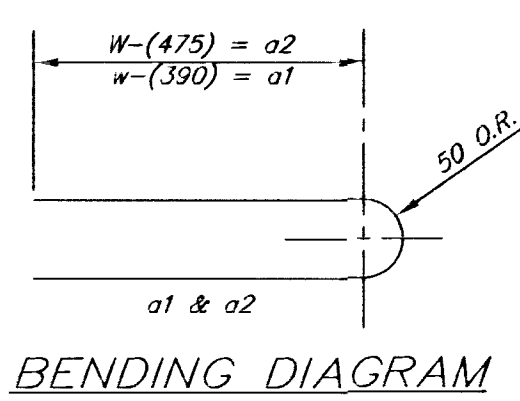
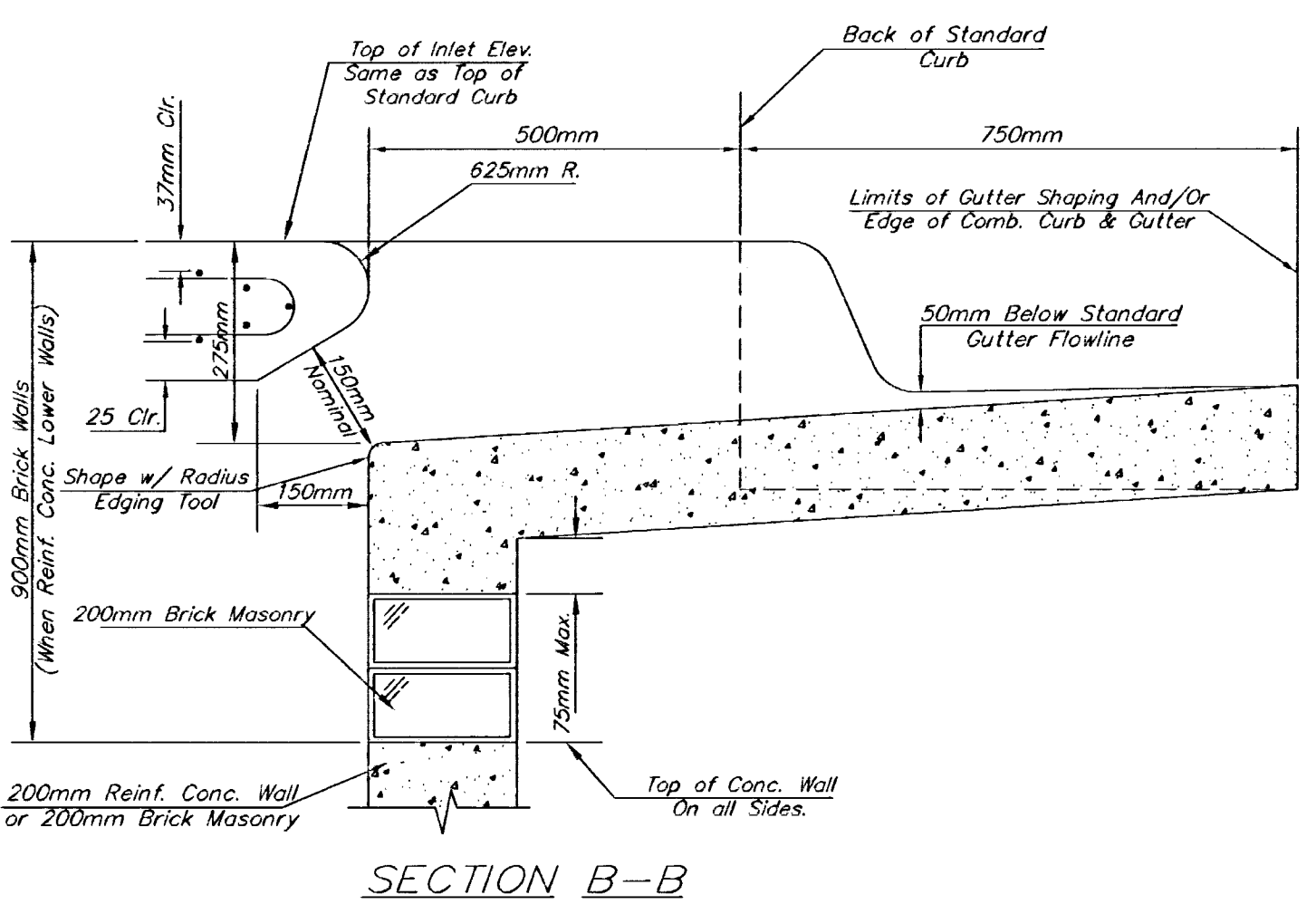
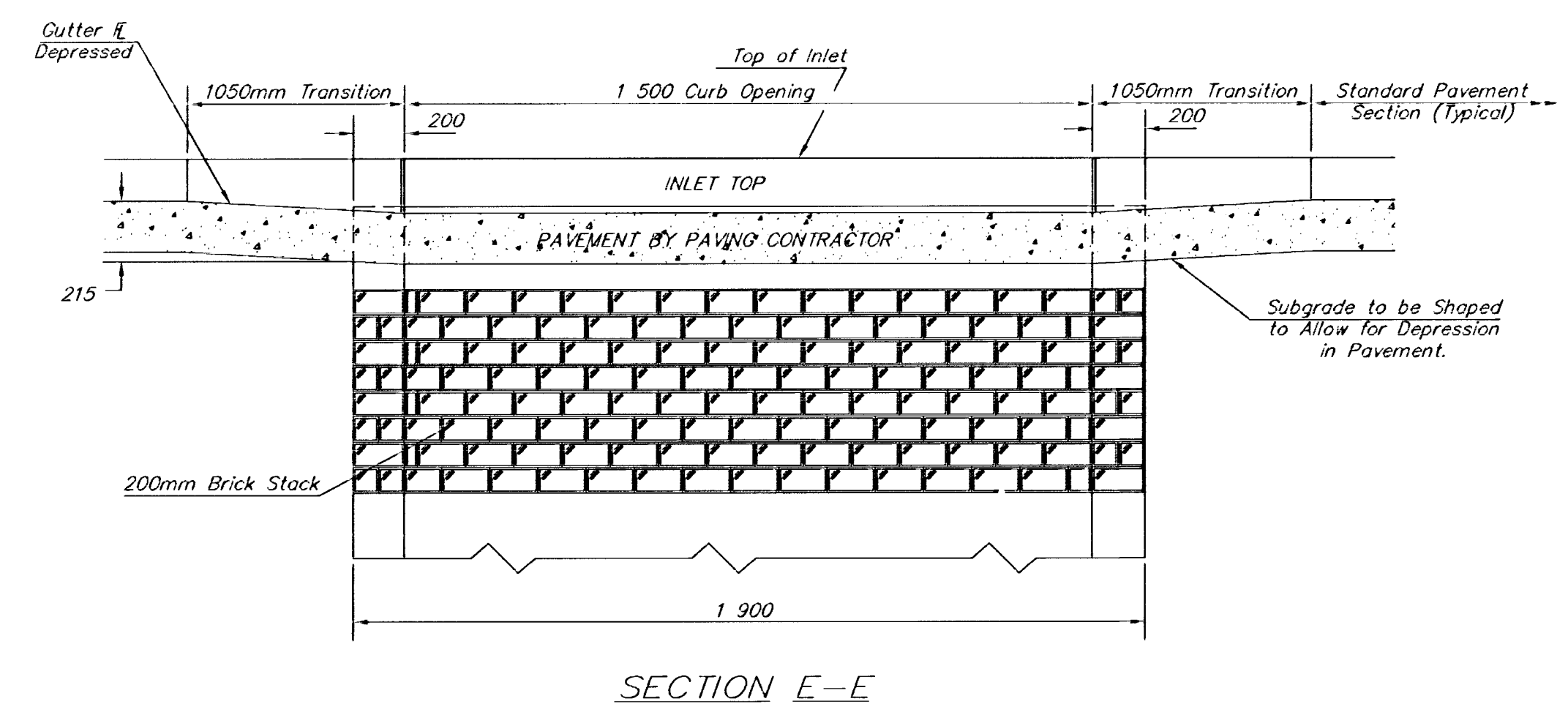
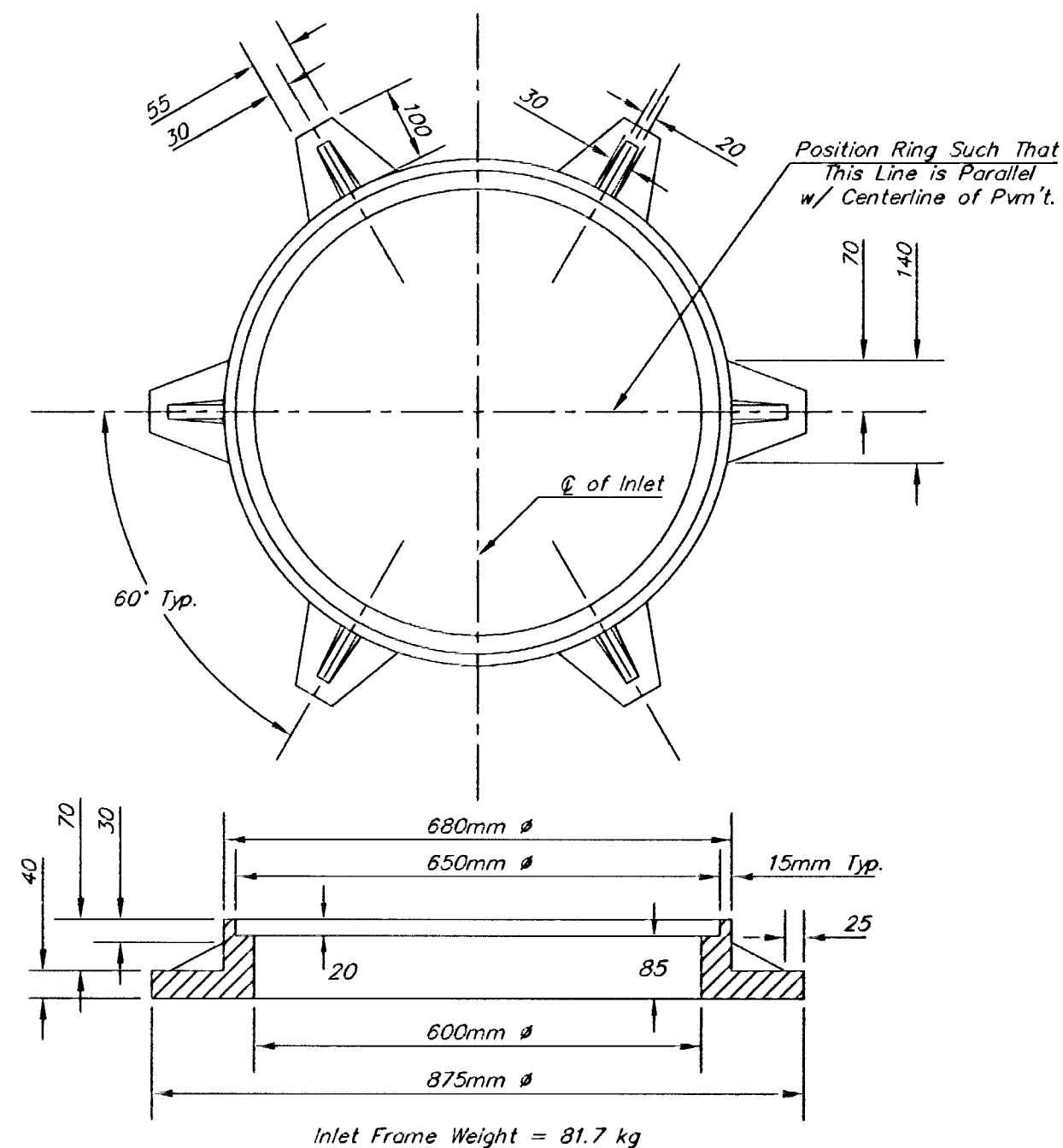
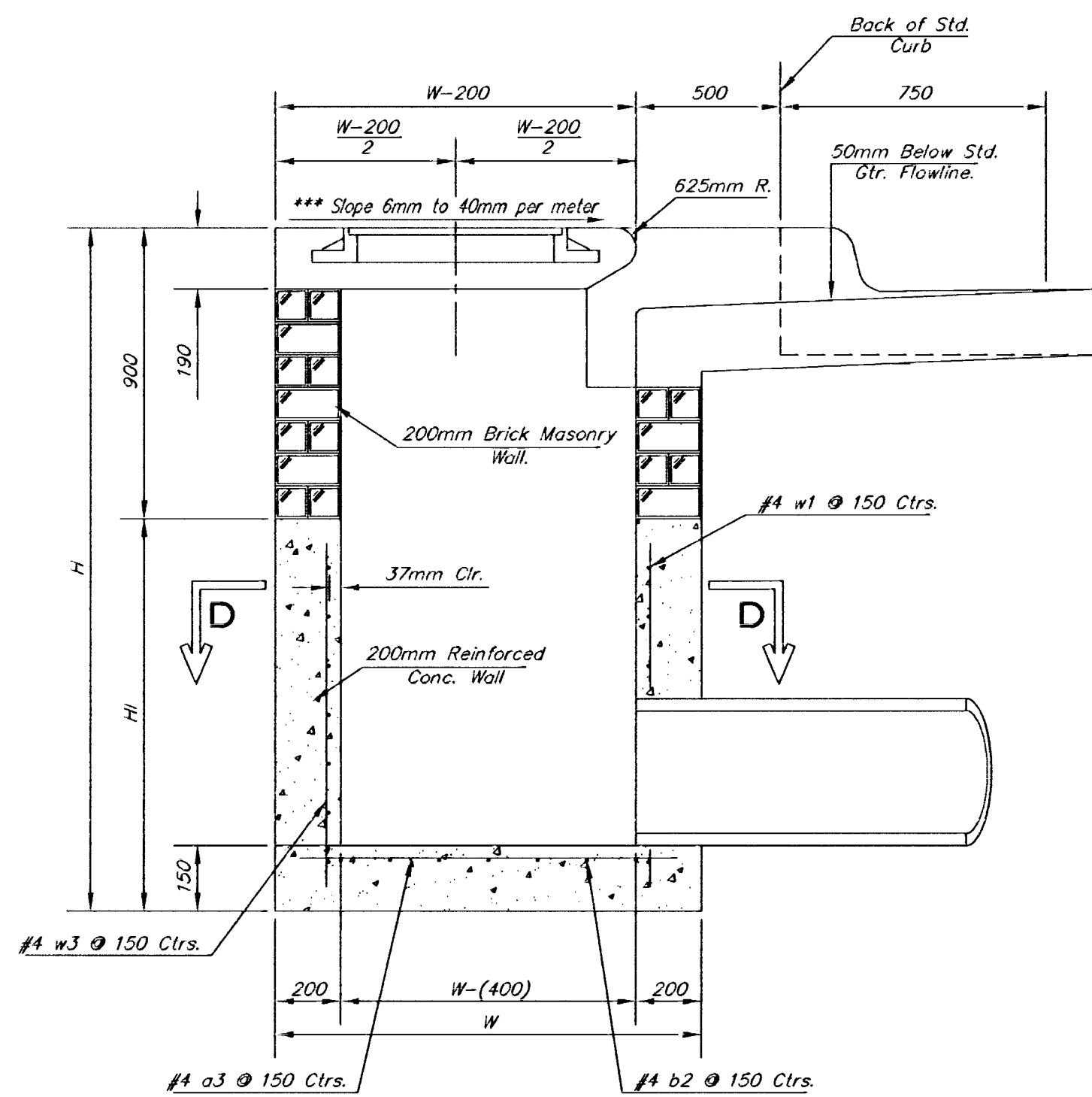
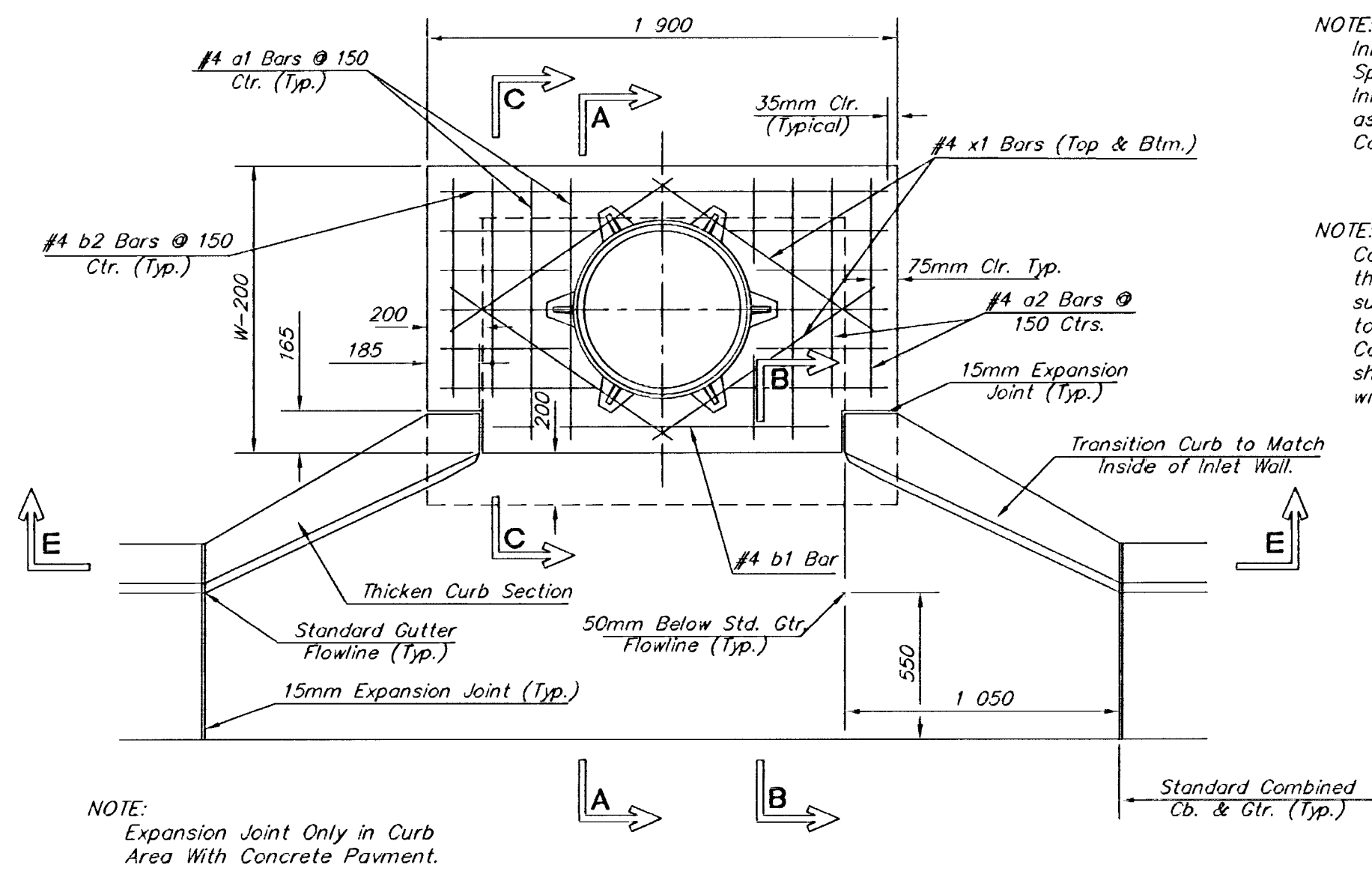


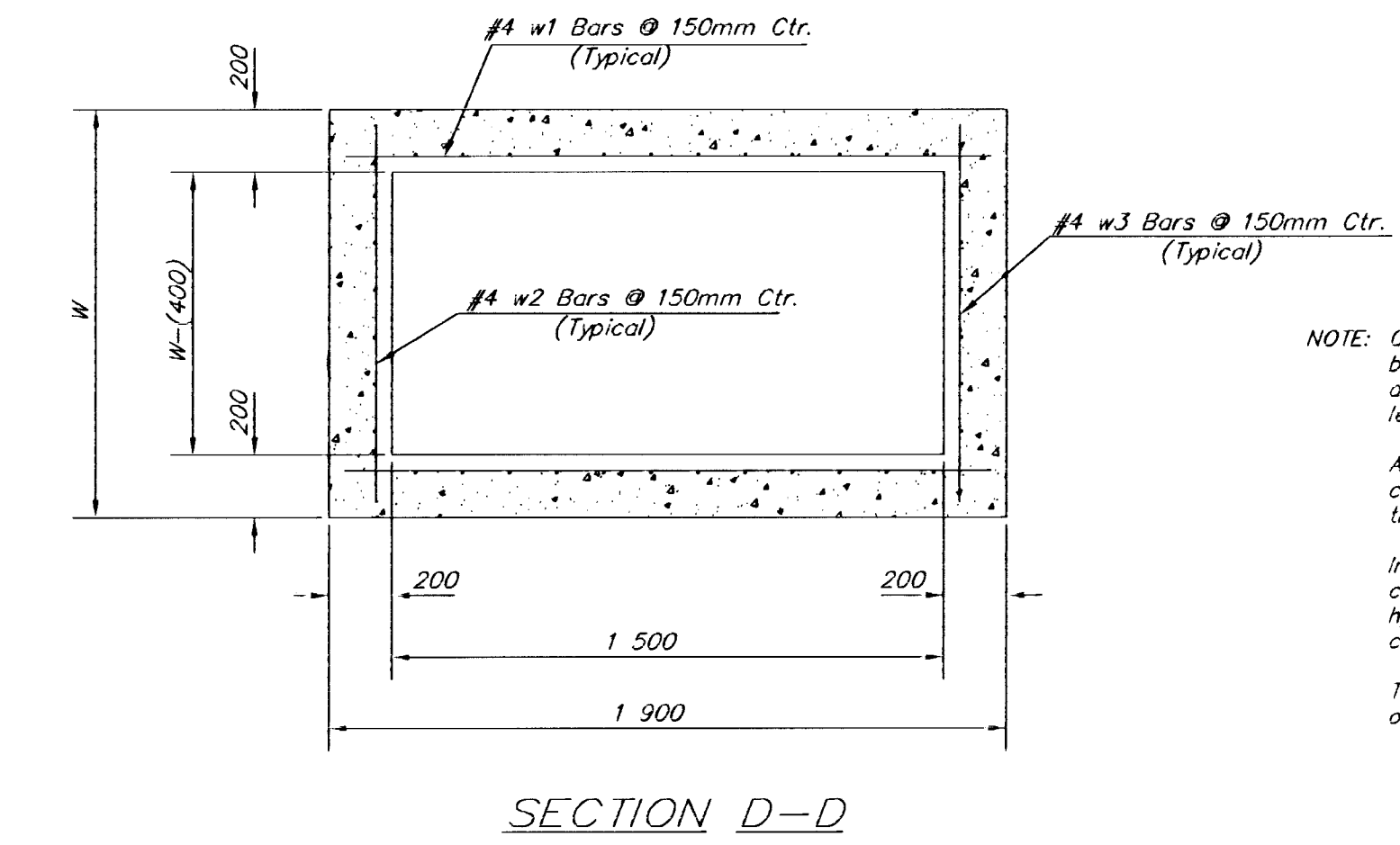
FHWA REG. NO.	STATE	PROJECT NO.:	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0197-01	2004	21A	51

FED. AID NO. CMQ-N019 (701)



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

STANDARD TYPE 1-A
CURB INLET
OPENING = 150 x 1 500



PRECAST SLAB AND FLOOR REINFORCING											
		W = 1 300		W = 1 600		W = 1 900		W = 2 200		W = 2 500	
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	13	1 975	13	2 575	13	3 175	13	3 775	13	4 375
a2	#4	4	1 800	4	2 400	4	3 000	4	3 600	4	4 200
a3	#4	23	1 225	23	1 525	23	1 825	23	2 125	23	2 425
b1	#4	1	2 925	1	2 925	1	2 925	1	2 925	1	2 925
a2	#4	23	3 325	29	3 325	35	3 325	41	3 325	47	3 325
x1	#4	16	1 150	16	1 250	16	1 350	16	1 450	16	1 550
WALL REINFORCING											
		W = 1 300		W = 1 600		W = 1 900		W = 2 200		W = 2 500	
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	①	3 325	①	3 325	①	3 325	①	3 325	①	3 325
w2	#4	①	1 225	①	1 525	①	1 825	①	2 125	①	2 425
w3	#4	52	②	56	②	60	②	64	②	68	②

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

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

PROJECT NUMBER
472-83889

kemiller
engineering

516 S. Market,
Wichita, KS 67202

318/264-0242

KEM NO. 02042	FILE (Single)	DATE	SHEET 21A
DESIGN	DRAWN	REVISED	OF 51

MAR 96