

1.2m LENGTH DROP INLET

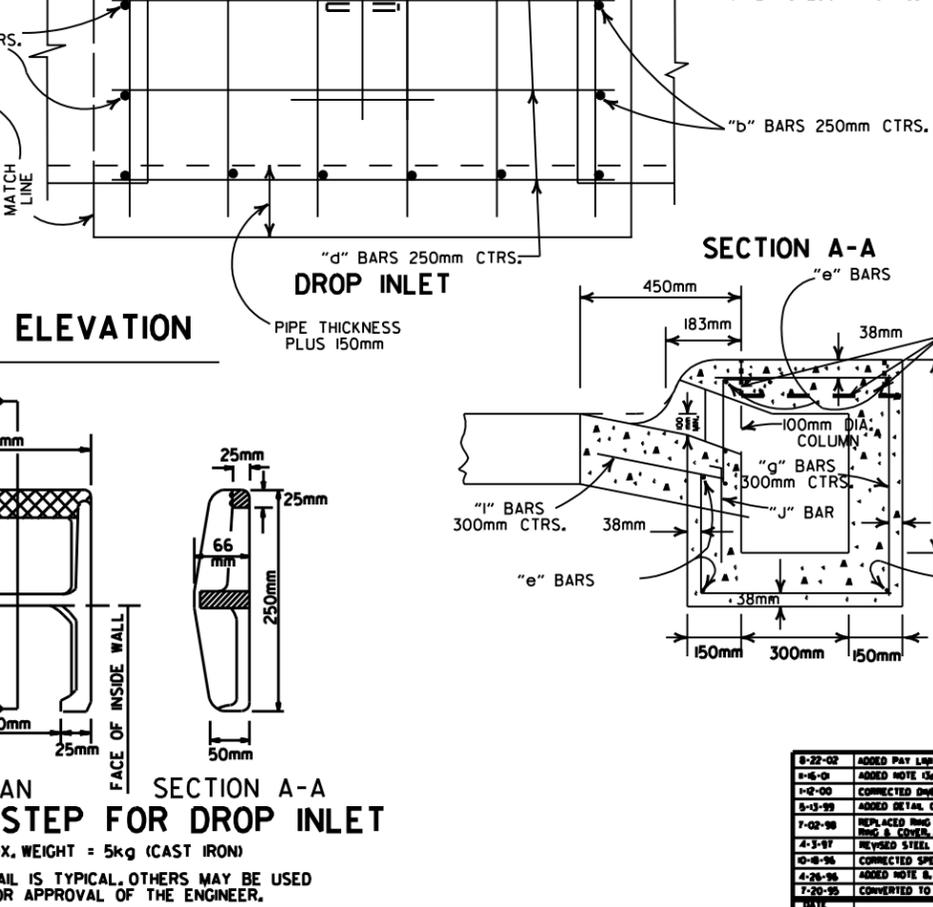
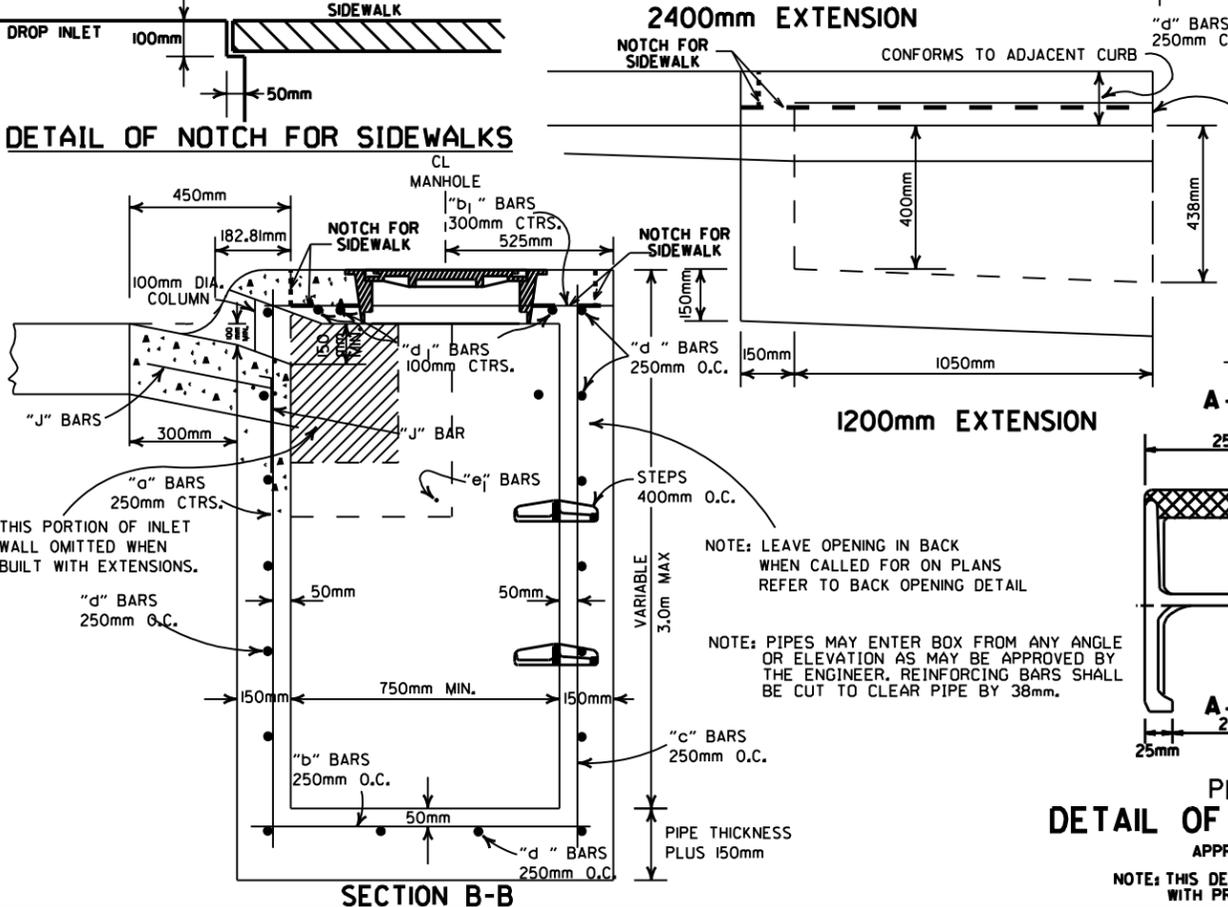
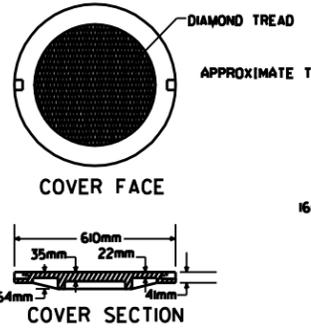
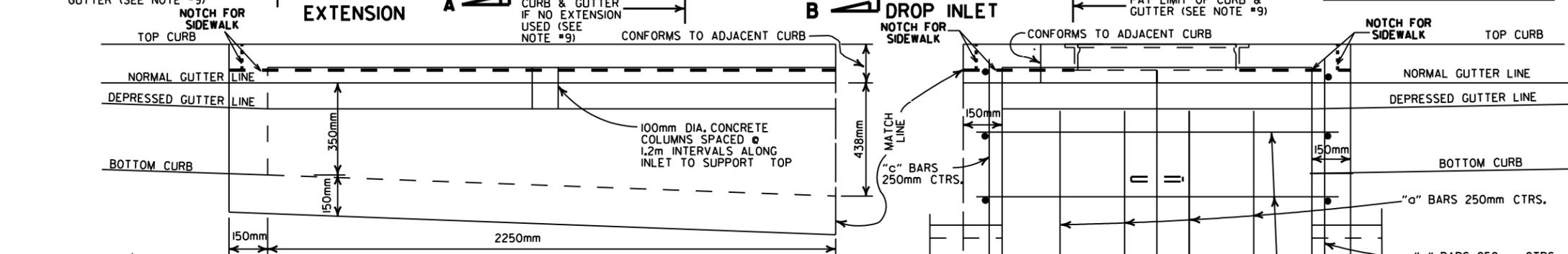
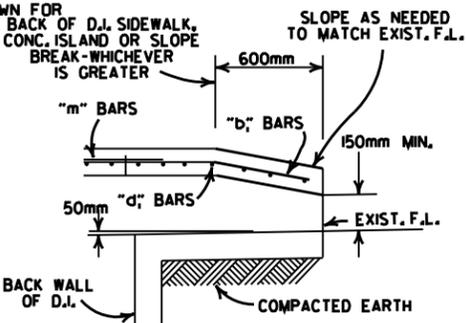
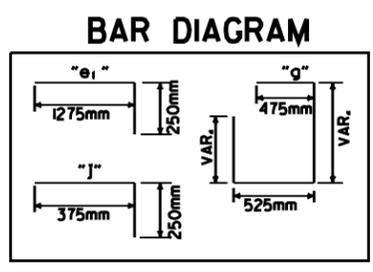
PIPE SIZE	MIN. WIDTH	HEIGHT 1.5m		PLUS OR MINUS PER m OF HEIGHT		1.2m		2.4m	
		CLASS A CONC.	REINF. STEEL	CLASS A CONC.	REINF. STEEL	CLASS A CONC.	REINF. STEEL	CLASS A CONC.	REINF. STEEL
450	750	1.35	70.8	0.21	10.0	0.44	17.2	0.66	32.7
600	750	1.36	70.8	0.21	10.0				
750	950	1.82	93.0	0.23	11.8				
900	1100	2.00	107.1	0.24	12.7				
1050	1300	2.24	113.4	0.26	13.6				
1200	1450	2.44	120.2	0.27	14.5				

DEDUCT FROM QUANTITY COMPUTED FOR EACH EXTENSION ADDED.

NOTE: QUANTITIES ARE APPROXIMATE AND ARE SHOWN FOR BACK OF D.I. SIDEWALK, CONC. ISLAND OR SLOPE BREAK - WHICHEVER IS GREATER

DEDUCT FROM QUANTITY COMPUTED FOR EACH PIPE ENTERING INLET

INSIDE DIA. PIPE	CLASS A CONC.	REINF. STEEL
mm	cu m	kg
450	0.04	0.90
600	0.07	1.35
750	0.10	1.80
1050	0.18	3.60



HEAVY DUTY RING & COVER

- GENERAL NOTES:
- ALL EXPOSED CORNERS TO HAVE 19mm CHAMFER.
 - STEPS SHALL BE INSTALLED IN ALL INLETS 1.2m HIGH AND OVER OF AS APPROVED BY THE ENGINEER.
 - ALL REINF. BARS SHALL BE #13 AND HAVE 38mm COVER.
 - DROP INLETS AND EXTENSION ON CURVED SECTIONS SHALL CONFORM TO THE CURVATURE OF THE CURB.
 - THIS DROP INLET MAY BE CONSTRUCTED ON NEW OR EXISTING R.C. BOX CULVERT AS SHOWN ON F.P.C.-9(M).
 - WHEN PLANS CALL FOR DROP INLET OVER 3.0m HIGH FLOOR AND WALLS SHALL BE CONSTRUCTED AS SHOWN FOR TYPE "RM" DROP INLET (F.P.C.-9(M)).
 - HEAVY DUTY RING SHALL ALWAYS BE INSTALLED WITH THE FLANGE ON TOP.
 - DURING CONSTRUCTION OF THE ROADWAY THE CONTRACTOR SHALL MAINTAIN DRAINAGE INTO OR AROUND THE DROP INLET AS APPROVED BY THE ENGINEER.
 - PAYMENT FOR CURB AND/OR CURB AND GUTTER WITHIN THE LIMITS OF DROP INLETS AND DROP INLET EXTENSIONS SHALL BE CONSIDERED INCLUDED IN PAYMENT MADE FOR DROP INLETS AND/OR DROP INLET EXTENSIONS.
 - HEAVY DUTY RING AND COVER SHALL BE CONSTRUCTED OF CAST IRON AND SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR GRAY IRON CASTINGS AASHTO M105 CLASS 35B & AASHTO M306.
 - HEAVY DUTY RING AND COVER SHALL NOT BE PAINTED.
 - 100mmx50mm NOTCH SHALL BE FORMED IN ALL DROP INLETS TO SUPPORT SIDEWALK CONSTRUCTION. REFER TO DETAIL OF NOTCH FOR SIDEWALKS.
 - DIMENSIONS SHOWN FOR RING AND COVER ARE TYPICAL. THE CONTRACTOR MAY SUBSTITUTE SIMILAR CASTINGS WITH THE APPROVAL OF THE ENGINEER. REQUESTING APPROVAL FOR CASTING DESIGNS MAY BE MADE BY REFERRING TO PREVIOUSLY APPROVED DRAWINGS.

8-22-02	ADDED PAY LIMIT CURB NOTES TO SECTIONS A-A & B-B
8-16-02	ADDED NOTE (5) REVISED SECTION B-B
1-12-00	CORRECTED DIMENSIONS & REIN. RING & COVER
9-13-99	ADDED DETAIL OF NOTCH FOR SIDEWALKS
7-02-98	REPLACED RING & COVER HEAVY DUTY RING & COVER ADDED NOTES 5, 6 & 14
4-3-97	REVISED STEEL BARS TO SOFT METRIC
10-8-96	CORRECTED SPELLING
4-26-95	ADDED NOTE 8. 100mmx200mm
7-20-95	CONVERTED TO METRIC

ARKANSAS STATE HIGHWAY COMMISSION

DETAILS OF DROP INLETS (TYPE C)

STANDARD DRAWING FPC-9E(M)