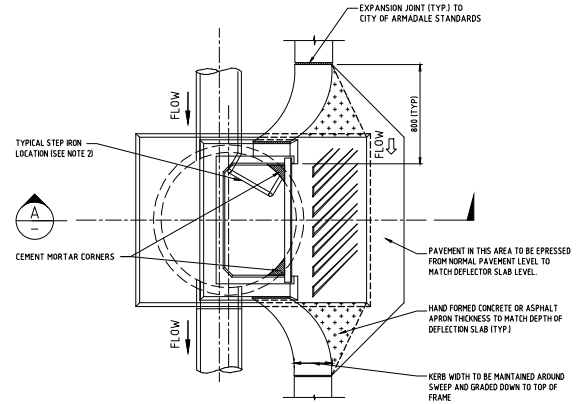
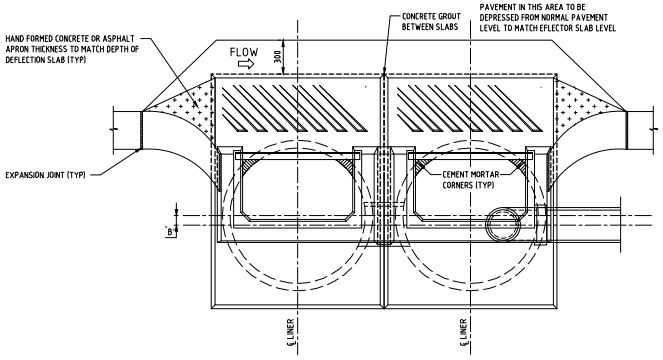
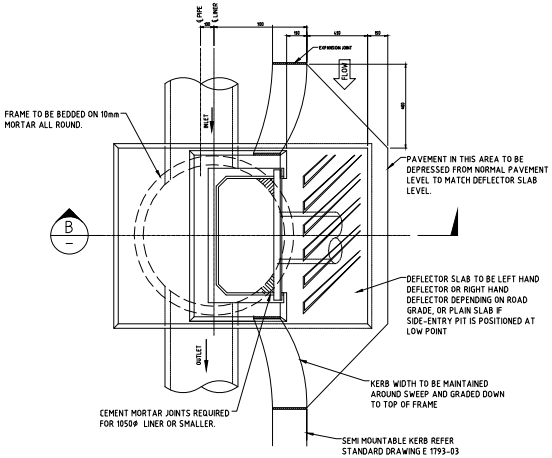


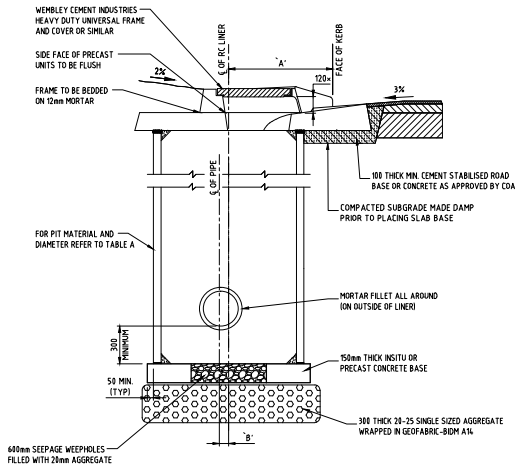
SINGLE SIDE ENTRY PIT
NTS



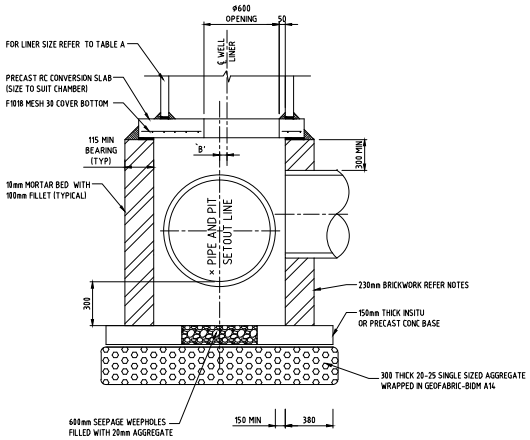
DOUBLE SIDE ENTRY PIT
NTS



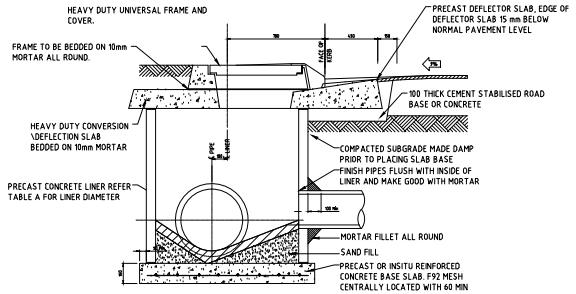
BENCHED SIDE ENTRY PIT
NTS



TRAPPED SIDE ENTRY PIT
SECION A
NTS



SECTION OF BRICK CHAMBER MANHOLE
NTS



BENCHED SIDE ENTRY PIT
SECTION B
NTS

NOTES

1. CONCRETE TO BE 20mm NOM AGGREGATE AND HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF
   20MPa FOR INSITU BASE
   40MPa FOR PRECAST UNITS
2. STEP IRONS TO BE INSTALLED IN PITS WHERE THE DEPTH FROM COVER TO TOP OF BASE EXCEDS 1200mm
3. HEADER COURSE SHALL BE LAID EVERY 5 COURSES ON BRICKWORK
4. PIPE JOINTS WITHIN 1.0m OF PIT TO BE SEALED
5. SUBGRADE TO BASE TO BE COMPACTED TO 95% M.M.D.D PRIOR TO PLACING OF BASE
6. BACKFILL SURROUNDING PIT TO BE TO 95% M.M.D.D.
7. SIDE ENTRY PITS FOR PIPES GREATER THAN OR EQUAL TO ϕ900 TO BE LINKED WITH MANHOLES
8. KERBS OTHER THAN MOUNTABLE AS SHOWN TO BE SIMILARY TREATED BY MAINTAINING WIDTH AROUND SWEEPS AND GRADING DOWN TO COVER TOP OF FRAME
9. MANHOLES SHALL BE BRICK CONSTRUCTION ABOVE CONVERSION SLAB IF DEPTH FROM UNDERSIDE OF SLAB TO TOP OF COVER IS LESS THAN 0.75mm
10. PIPES TO BE FINISHED FLUSH WITH INSIDE OF LINER AND MADE GOOD WITH MORTAR
11. AT LOW POINTS USE OPPOSING LEFT AND RIGHT HAND DEFLECTORS SO AS TO INTERCEPT FLOW FROM BOTH DIRECTIONS
12. AT LOW POINTS USE FLAT APRON IN LIEU OF DEFLECTION SLAB
13. PIPE AND PIPE SETOUT LINE CORRESPONDS WITH SETOUT DIMENSIONS FROM ROAD RESERVE BOUNDARY AS SHOWN ON DRAINAGE LAYOUT DRAWINGS
14. THE CLEAR OPENING BETWEEN APRON SURFACE AND BOTTOM OF COVER IS 120mm
    THE MAX. DEVIATION ACROSS THE FACE OF OPENING IS + 2mm
    EDGE OF DEFLECTOR SLAB 15mm BELOW NORMAL PAVEMENT LEVEL.

TABLE A

PIPE SIZE	CHAMBER/LINER	'A'	'B'
ϕ225 - ϕ450	ϕ1050 ONLY	830	70
ϕ525 - ϕ675	ϕ1200 ONLY	900	0
ϕ 750	BRICK AND ϕ1050	830	220
ϕ900 - ϕ1050	BRICK AND ϕ1050	830	370

ASSOCIATED STANDARD DRAWINGS
- CoA KERBING STANDARD 00-06
- MRWA KERBING STANDARD 9331-0376-3
- CoA SPECIFICATION FOR THE CONSTRUCTION OF ASPHALT CROSSINGS
- CoA SPECIFICATION FOR THE CONSTRUCTION OF CROSSINGS (BRICK/BLOCK PAVED)
- CoA SPECIFICATION FOR THE CONSTRUCTION OF CONCRETE CROSSINGS

CITY OF Armadale

ORCHARD AVENUE
ARMADALE
LOCKED BAG No. 2
ARMADALE
W.A. 6112
TELEPHONE: 9399-0111
FACSIMILE: 9399-0184

SCALE
N.T.S
10 0 10 20
METRES

SURVEYED	-- Oct. 2013	ACCOUNT NO.
DESIGNED	BV Oct. 2013	
DRAWN	BV Oct. 2013	APPROVED
CHECKED	S.FOSTER Oct. 2013	

STANDARD DETAILS DRAINAGE SIDE ENTRY PIT

CAD FILE	S13-02-A-Final - Standard - CoA SEP.dwg
DRAWING STATUS	FINAL
SHEET	01 of 01
PLAN No.	S13-02
AMENDMENT	A