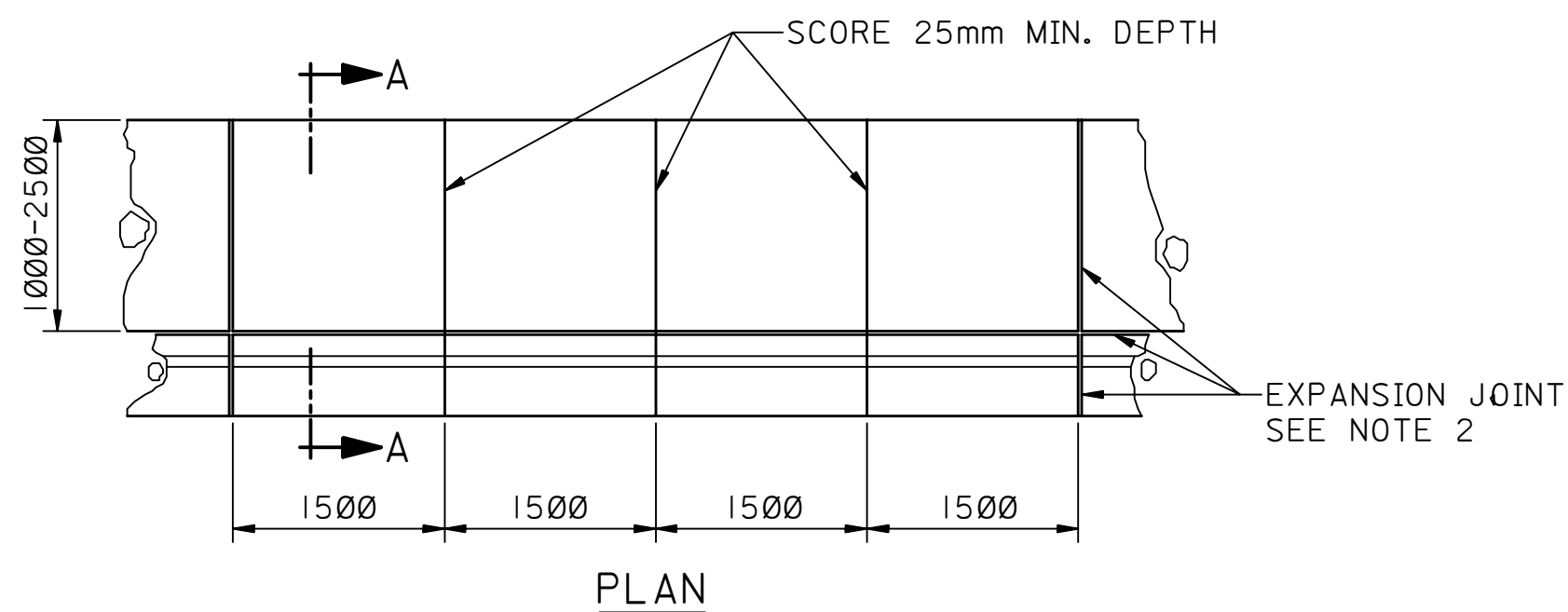
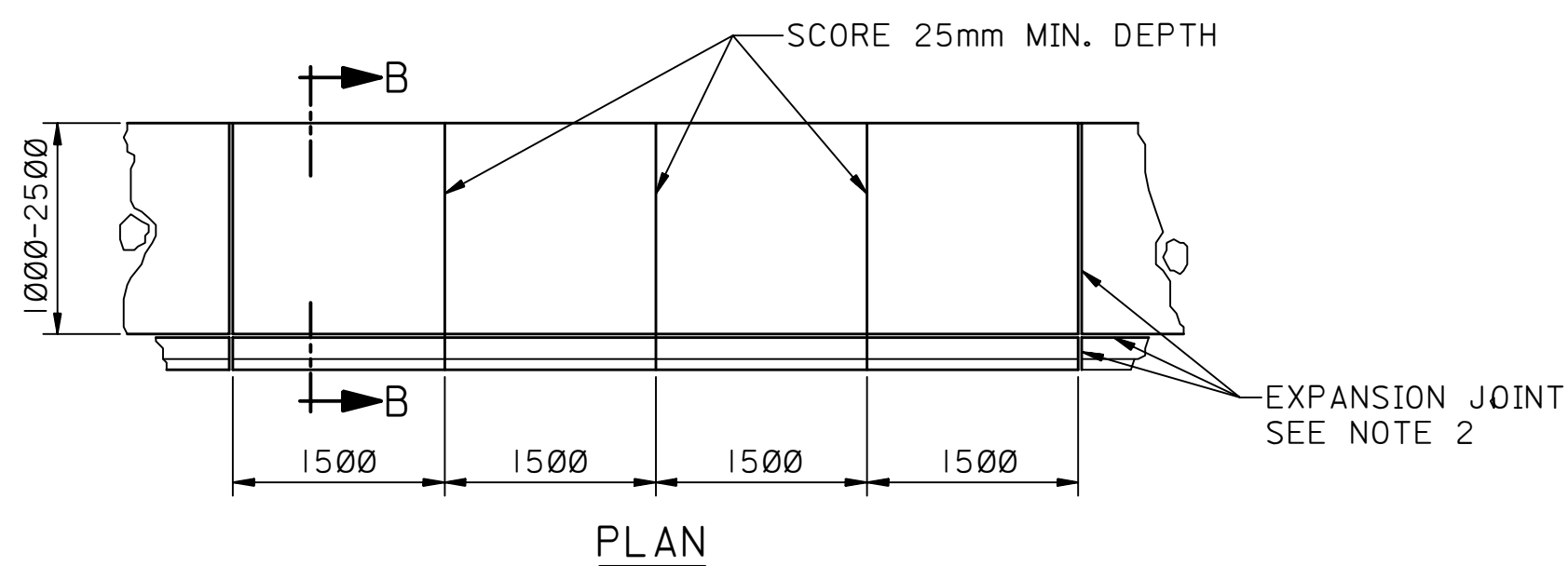


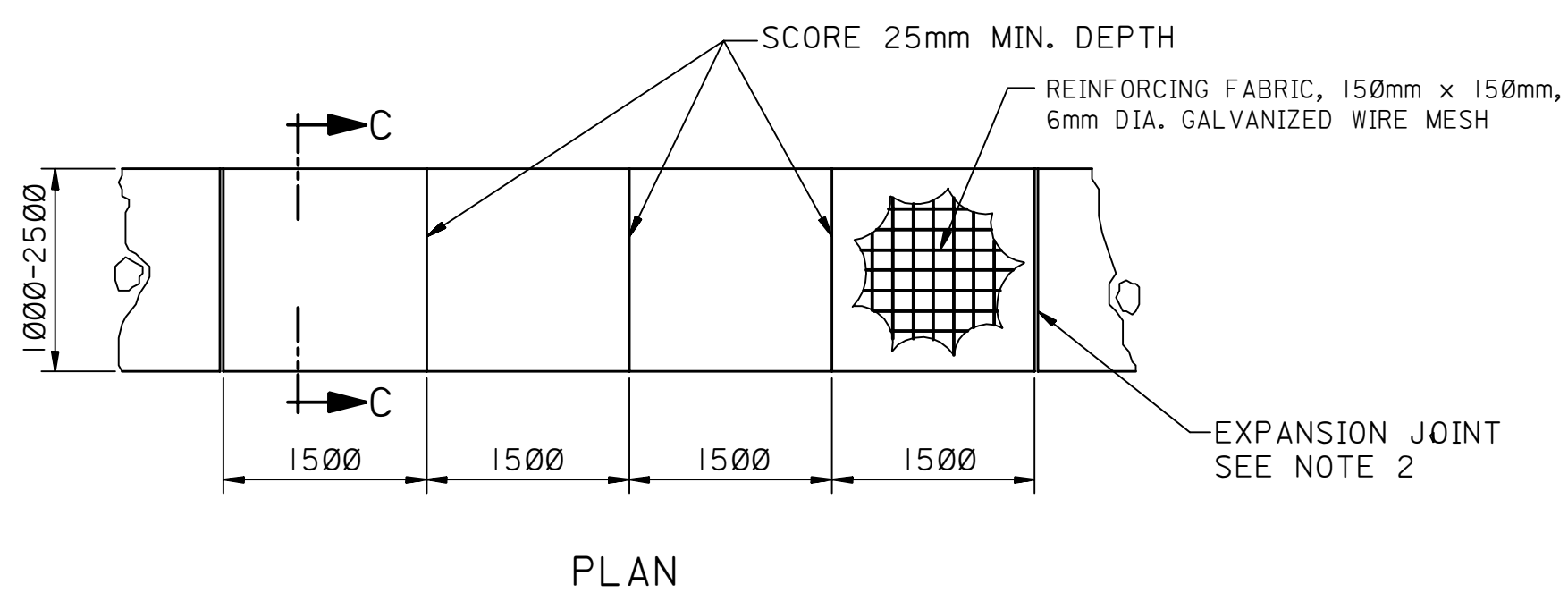
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
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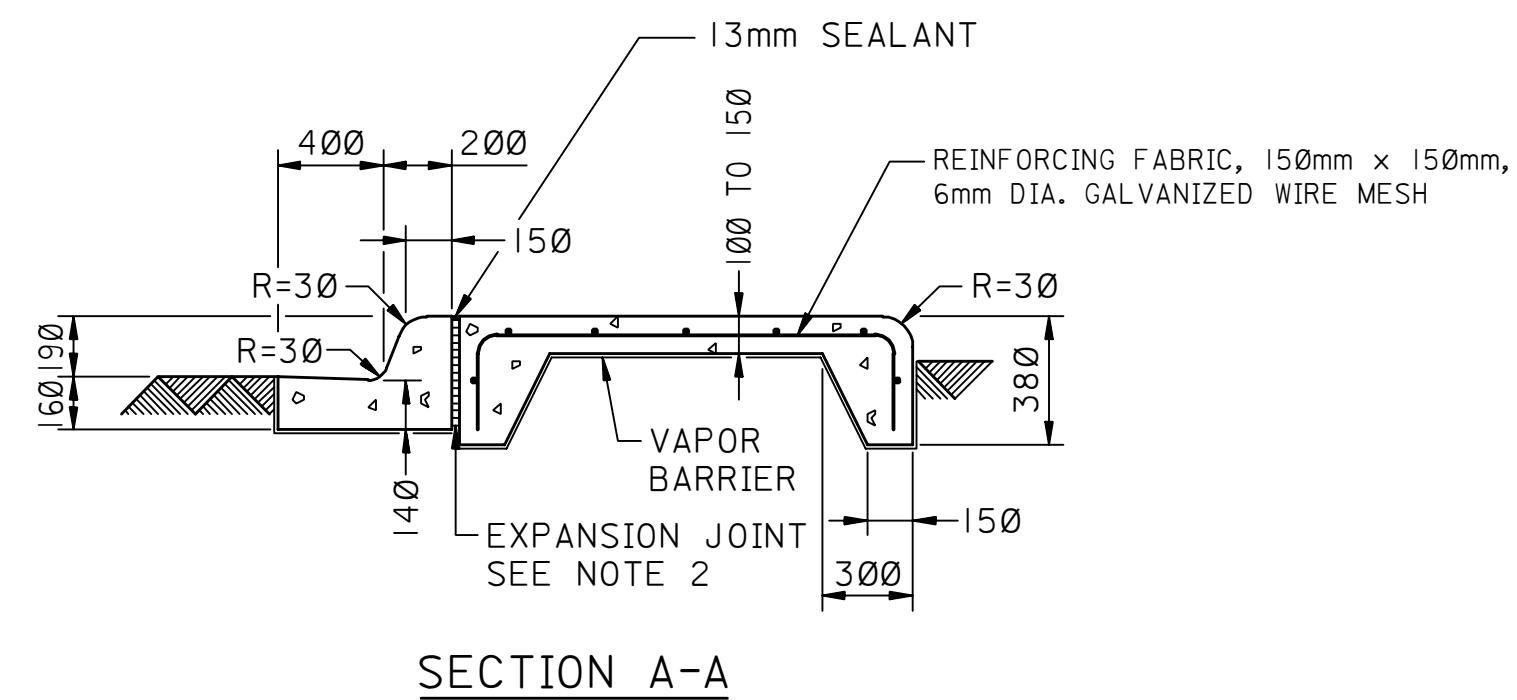
SIDEWALK WITH CURB & GUTTER (TYPE I)



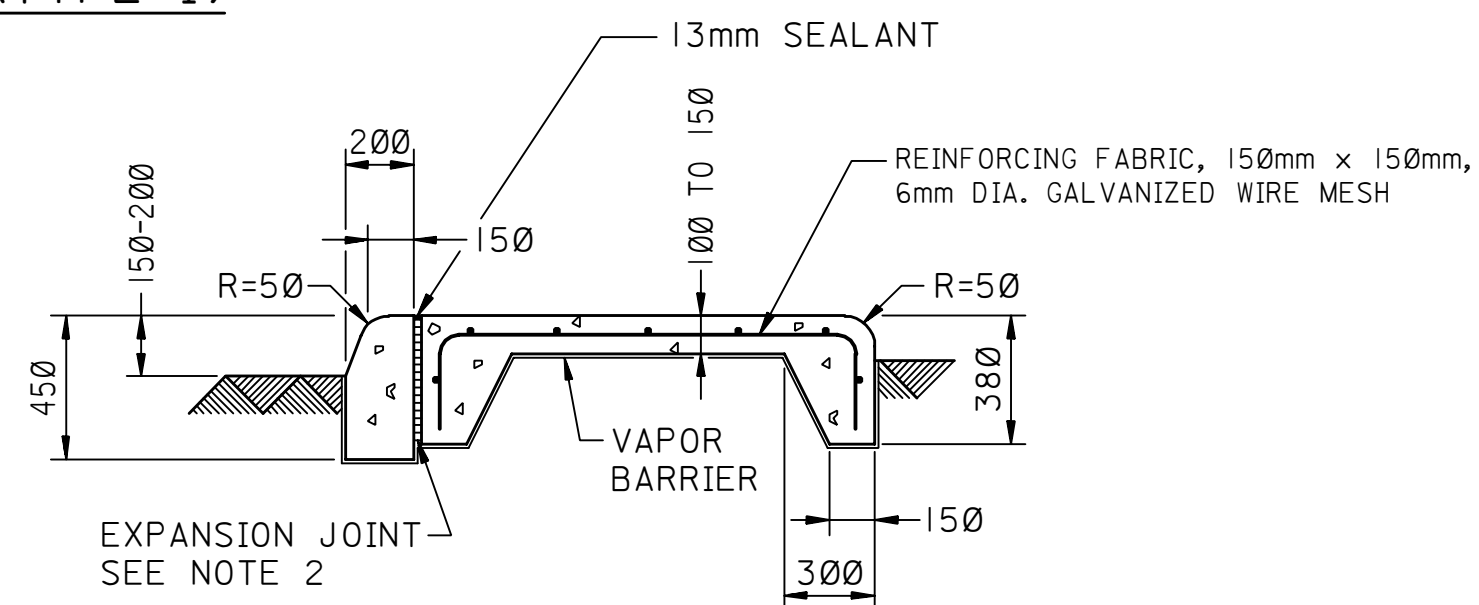
SIDEWALK WITH CURB (TYPE II)



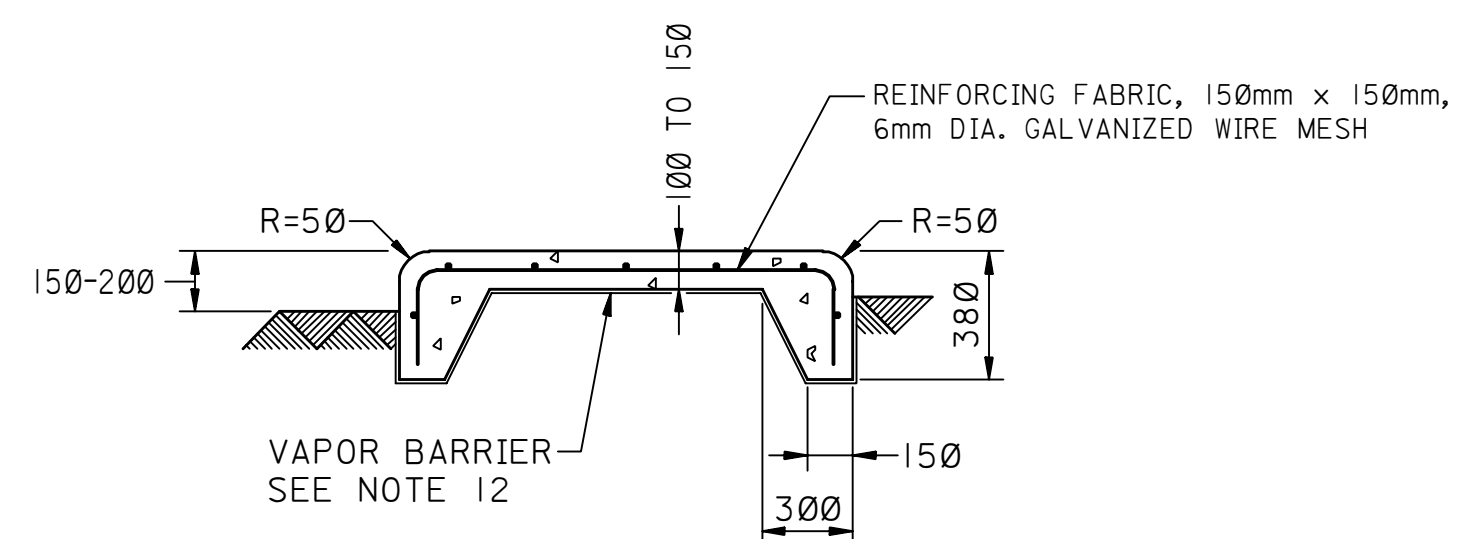
SIDEWALK (TYPE III)



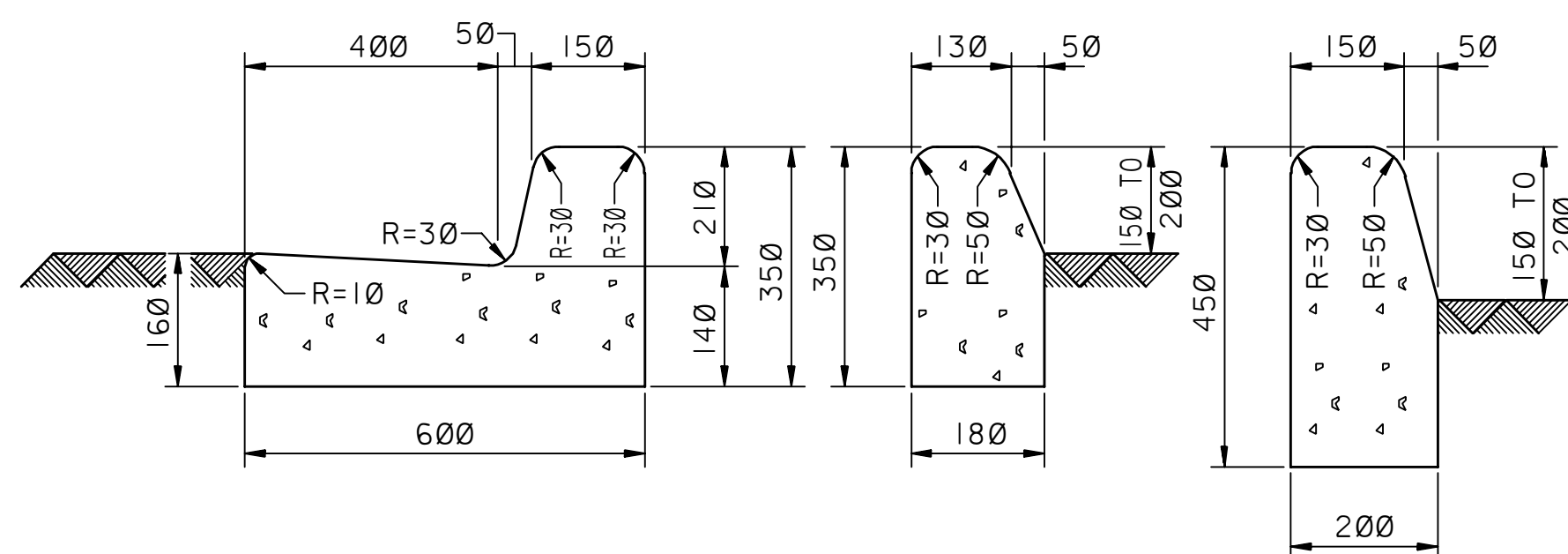
SECTION A-A



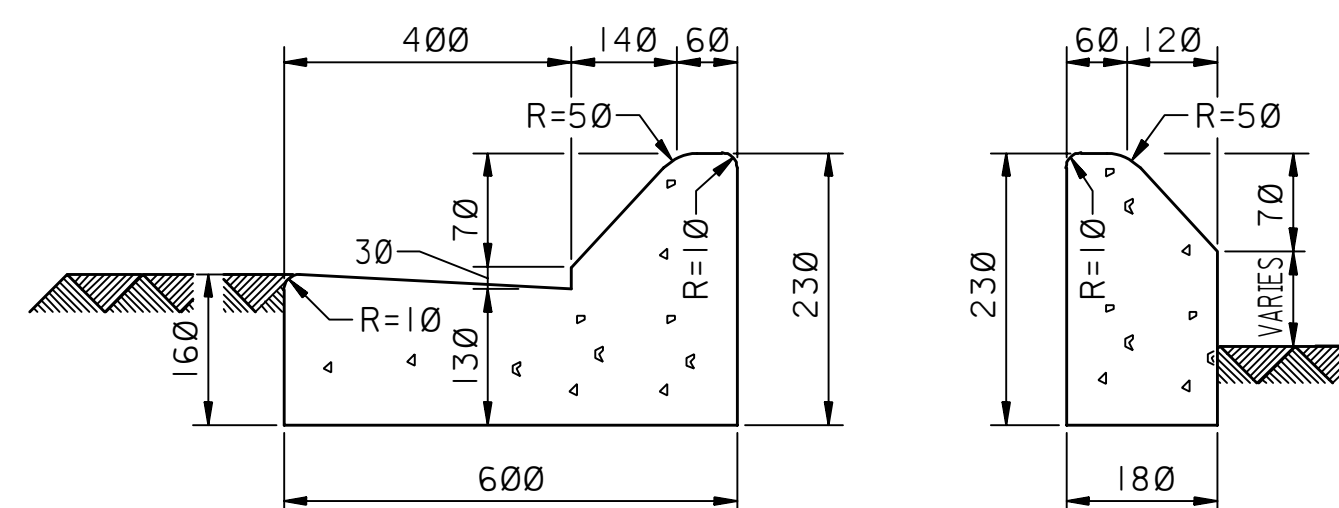
SECTION B-B



SECTION C-C



NON-MOUNTABLE CURB



MOUNTABLE CURB

NOTES:

1. CONCRETE TO BE MIXED, PLACED AND CURED TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 28 MPa AFTER 28 DAYS PER SAES-0-001, "CRITERIA FOR DESIGN AND CONSTRUCTION OF CONCRETE STRUCTURES" AND 09-SAMSS-97 "READY MIXED PORTLAND CEMENT CONCRETE".
2. EXPANSION JOINTS MUST BE 13mm WIDE, AND SHALL BE FINISHED 13mm BELOW TOP OF SIDEWALK OR CURB & GUTTER. EXPANSION JOINTS MUST CONFORM TO THE REQUIREMENTS OF EITHER OF THE FOLLOWING: AASHTO M153, ASTM-D-1715; OR ASTM-D-1752 AS PER THE SAUDI ARAMCO SITE ENGINEER.
AN APPROVED RUBBERIZED/BITUMASTIC SEALANT SHALL BE USED TO SEAL THE CONCRETE/EXPANSION JOINT GAP, FINISHED FLUSH TO ALL EXPOSED SURFACES. EXPANSION JOINT SHALL BE AT 6.0m INTERVALS.
3. CONTROL (WEAKENED PLANE) JOINTS SHALL BE CONSTRUCTED TO A MINIMUM OF 25mm DEPTH BY SCORING WITH A TOOL WHICH WILL LEAVE THE CORNERS ROUNDED AND ENSURE FREE MOVEMENT OF THE CONCRETE AT THE JOINTS. CUT EVERY OTHER WIRE OF FABRIC AND EVERY OTHER BAR AT CONTROL JOINTS.
4. COMPACT THE SUBGRADE, UNDER THE SIDEWALK/ CURB AND GUTTER, IN ACCORDANCE WITH THE REQUIREMENTS OF THE SAUDI ARAMCO BUILDING CODE.
5. VERTICAL CURB SHALL NOT BE INSTALLED ALONG LOWER EDGES OF PAVEMENT. ONLY COMBINED CURB AND GUTTER SHALL BE USED AS FLOWLINES FOR MOVING SURFACE WATER.
6. REINFORCEMENT STEEL SHALL NOT EXTEND THROUGH EXPANSION JOINTS, EXCEPT FOR DOWELS WHICH ARE UNBONDED ON ONE SIDE OF THE EXPANSION JOINT.
7. SIDEWALKS SHALL BE FINISHED WITH TWO STEEL TROWELINGS AND FINE BROOM FINISH TO THE SATISFACTION OF THE SAUDI ARAMCO PROJECT ENGINEER.
8. AS SOON AS CONCRETE HAS MADE ITS INITIAL SET, REMOVE CURB FACE FORMS AND STEEL TROWEL FINISH TOP AND FACE OF CURB. THEN APPLY A FINE BROOM FINISH WITH STROKES PARALLEL TO THE LINE OF THE CURB TO THE SATISFACTION OF THE SAUDI ARAMCO SITE ENGINEER.
9. ALL EDGES OF SIDEWALKS AND CURBS SHALL BE ROUNDED.
10. SURFACES OF CURB TOPS AND FACES, GUTTERS AND SIDEWALKS SHALL NOT VARY MORE THAN 8mm WHEN MEASURED FROM A STRAIGHT EDGE OF 3 METERS LONG.
11. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
12. PLASTICIZED SHEET VAPOR BARRIER, 0.15mm THICK SHALL BE PLACED ON THE GROUND BENEATH THE CONCRETE AS PER SAES-0-001.

SYMBOLS:

- | | |
|---|---|
|  | ASPHALT CONCRETE PAVEMENT |
|  | REINFORCING FABRIC, 150mm x 150mm,
6mm DIA. GALVANIZED WIRE MESH |
|  | CEMENT CONCRETE |

MANDATORY DRAWING

05	MAY94	ESSD RCR		DRAWING COMPLETELY CHANGED INTO NEW DETAILS.						
REV. NO.	DATE	BY	JO/EWO	DESCRIPTION			CHKD.	CERT.	APPD.	

SAUDI ARABIAN OIL COMPANY

DRAWN BY ESSD/RCR CHECKED BY _____ SCALE NONE
DATE STARTED MAY94 DATE COMPLETED MAY94
OPR'G. DEPT. _____ ENG. DEPT. _____
APP'D FOR CONSTR. _____

GENERAL NOTE: SEE SHEETS 10-1 AND 10-2 FOR CONCRETE SIDEWALK, CURB, AND GUTTER DETAILS	AND THE REVISIONS
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STD. DWG.			METRIC	
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
990	Q	AB-036260	001	05