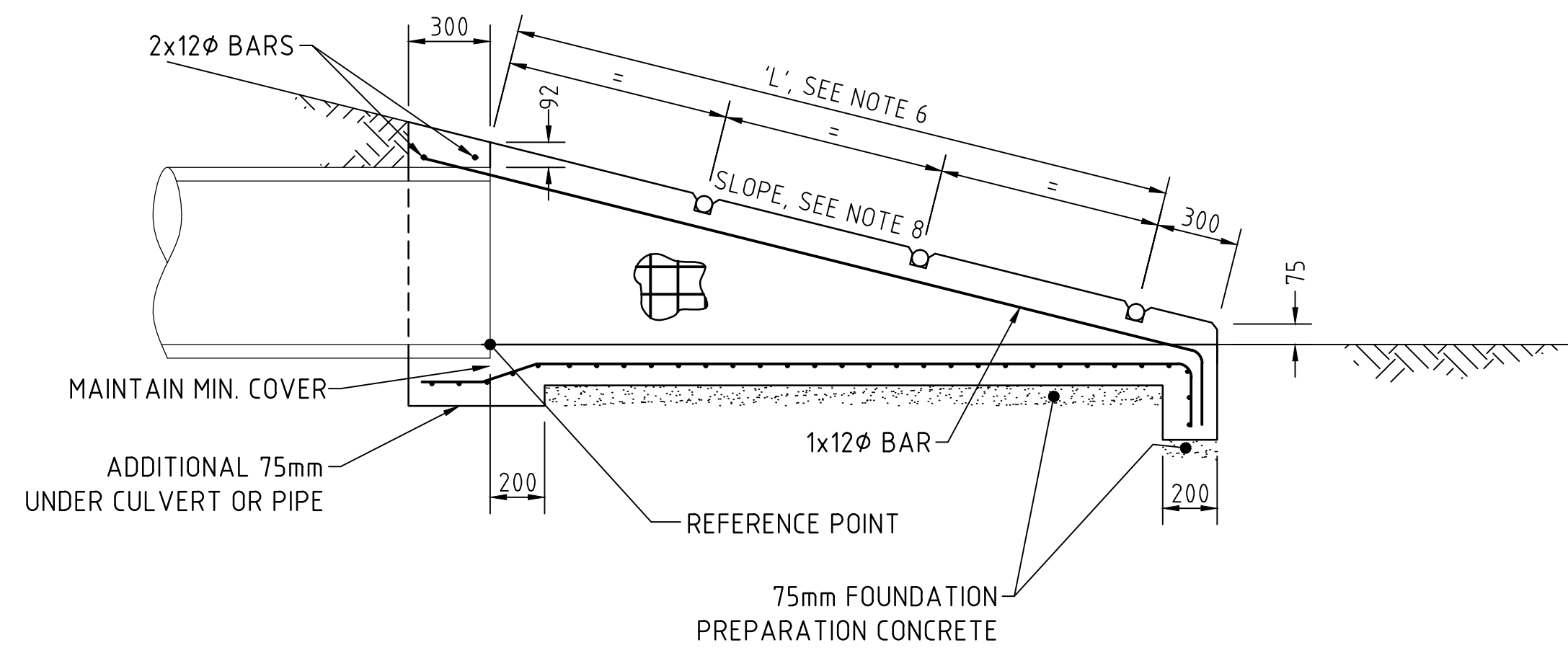
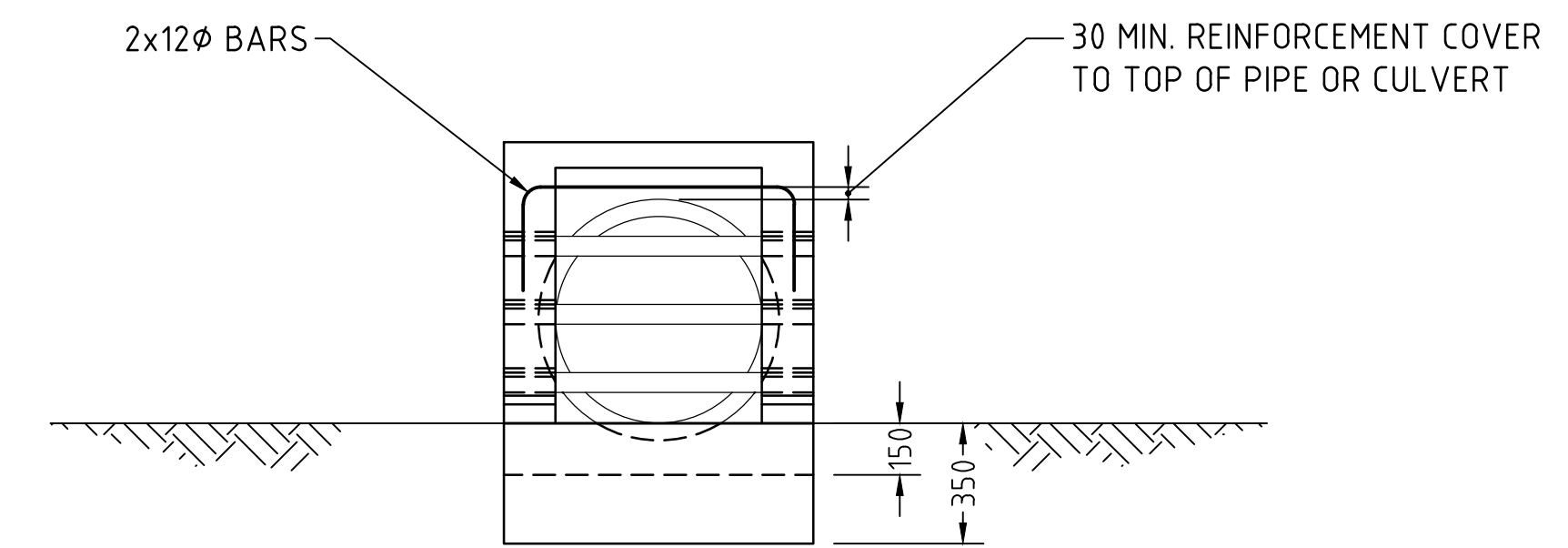


PLAN
SCALE 1:20



SECTION 1
SCALE 1:20

L (mm)	TOTAL NUMBER OF RAILS
100 - 600	1
601 - 1200	2
1201 - 1800	3
1801 - 2400	4



ELEVATION
SCALE 1:20

NOTES

- THESE ENDWALLS ARE DESIGNED FOR USE IN AREAS WHERE HEAD ON COLLISIONS ARE LIKELY TO OCCUR.
- REINFORCEMENT, F81 UNLESS OTHERWISE SPECIFIED, SHALL BE LOCATED CENTRALLY, CONTINUOUS, AROUND CORNERS AND LOCATED AS SHOWN. CLEAR COVER 50mm MIN., LAPS: FABRICS 300mm MIN., BARS: 25 X BAR DIAMETER MIN.
- DISTRIBUTION BARS 12 DIAMETER AT 200 CENTRES.
- CONCRETE
 - ENDWALLS - GRADE S32.
 - FOUNDATION PREPARATION - GRADE 10
- EXPOSED EDGES SHALL HAVE 20x20 CHAMFERS
- RAILS WITHIN SECTION 'L' SHALL BE EVENLY SPACED. THE MAXIMUM SPACING SHALL NOT EXCEED 600mm.
- RAILS ARE 60.3mm DIAMETER GALVANISED TUBES, 5.4mm THICK. THESE ARE TO BE GROUTED INTO THE SLOTS IN THE WALLS.
- SLOPE OF ENDWALL TO MATCH BATTER SLOPE. MAXIMUM SLOPE 4 TO 1.



Government of South Australia
Department for Transport, Energy and Infrastructure

STANDARD DRAWING

DRIVEABLE CULVERT ENDWALLS - TYPE 1
R.C. PIPE AND BOX CULVERTS UP TO 600mm HIGH

DESIGNED:	DRAFTED:	ACCEPTED FOR USE:	ACCEPTANCE FORM KNET No.:	DRAWING No.:	SHEET No.:	AMEND No.:
CHECKED:	REVIEWED:	DATE:	9722937	4002	17	1
CE	RJB	03/08/2015	UNCONTROLLED COPY WHEN PRINTED			

1	DRAWING REDRAWN, REFERENCE POINT ADDED IN PLAN AND SECTION 1, TITLE BLOCK UPDATED.	ANC	PM	STEPHEN PASCALE	03.08.15
No.	AMENDMENT DESCRIPTION	BY	CHECK	ACCEPTANCE	DATE