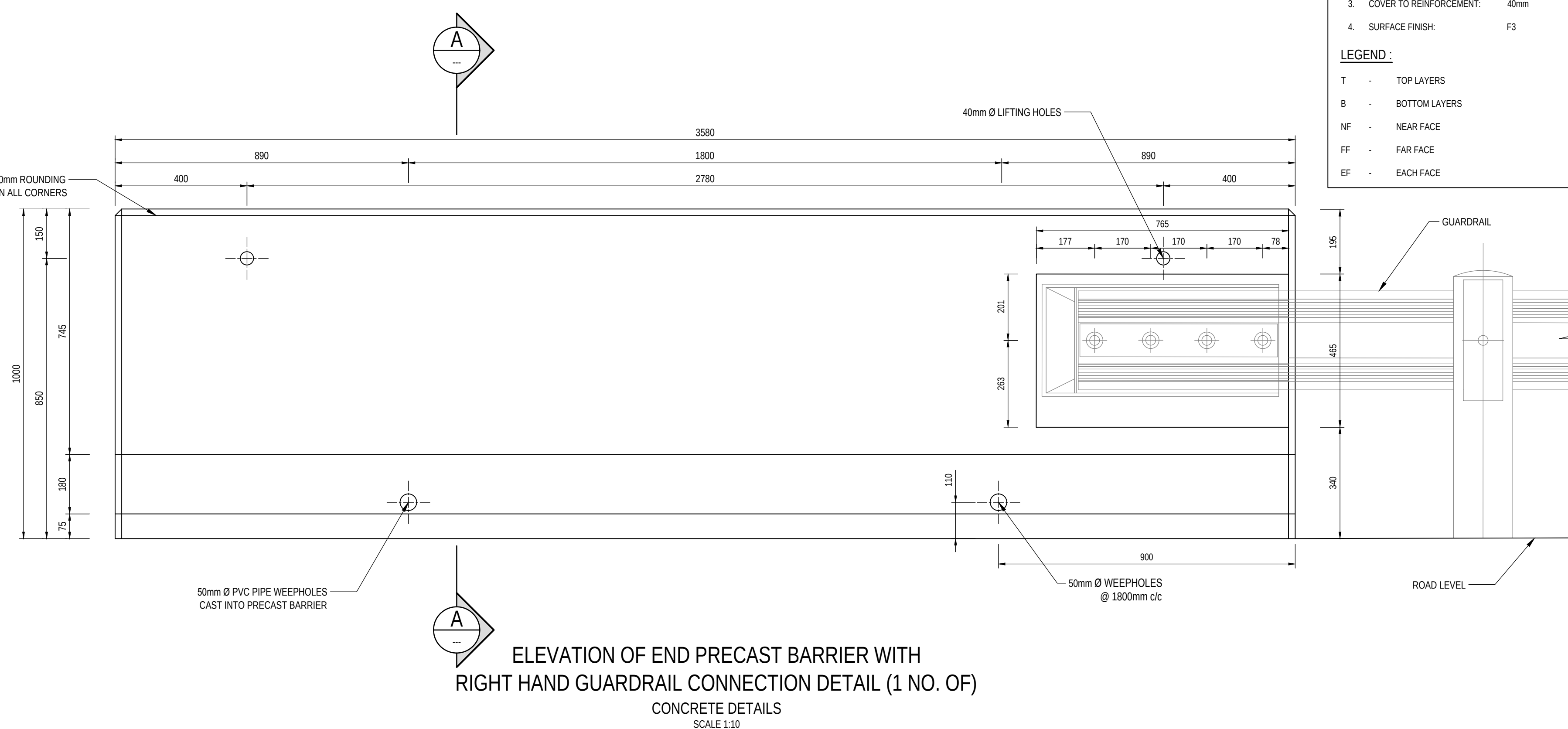
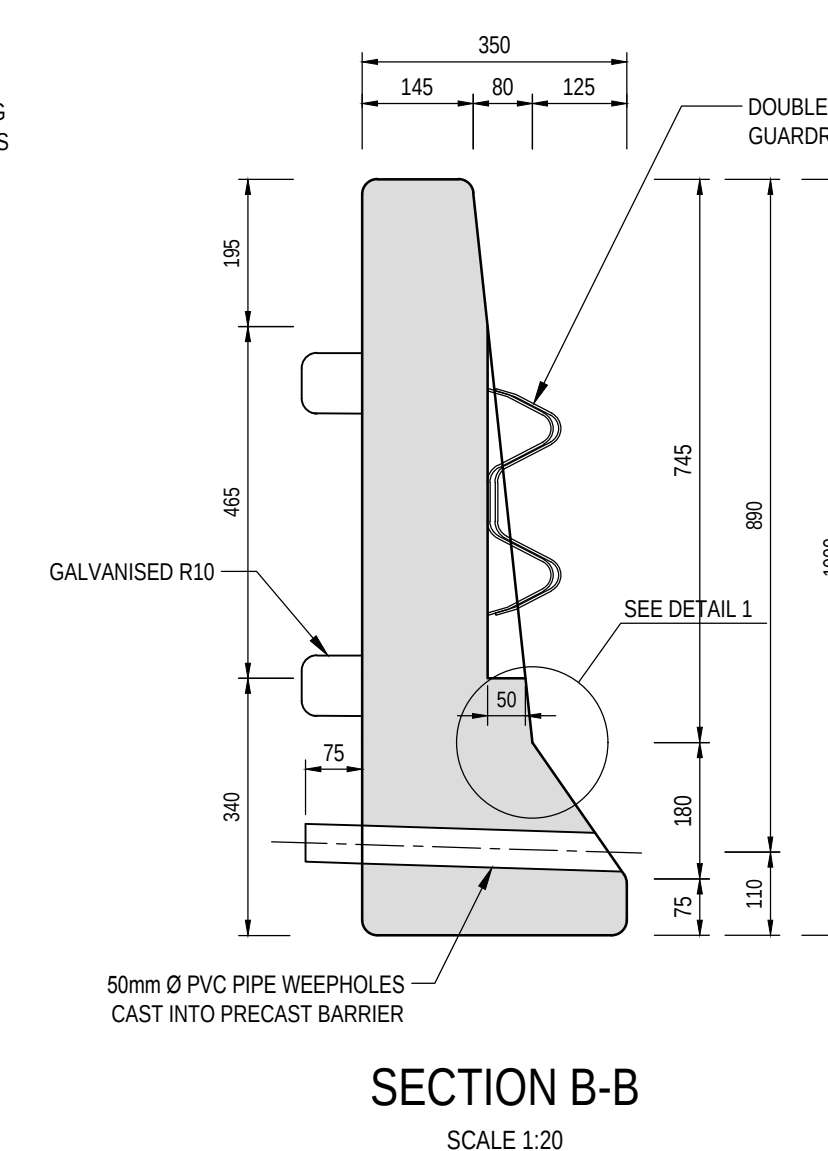
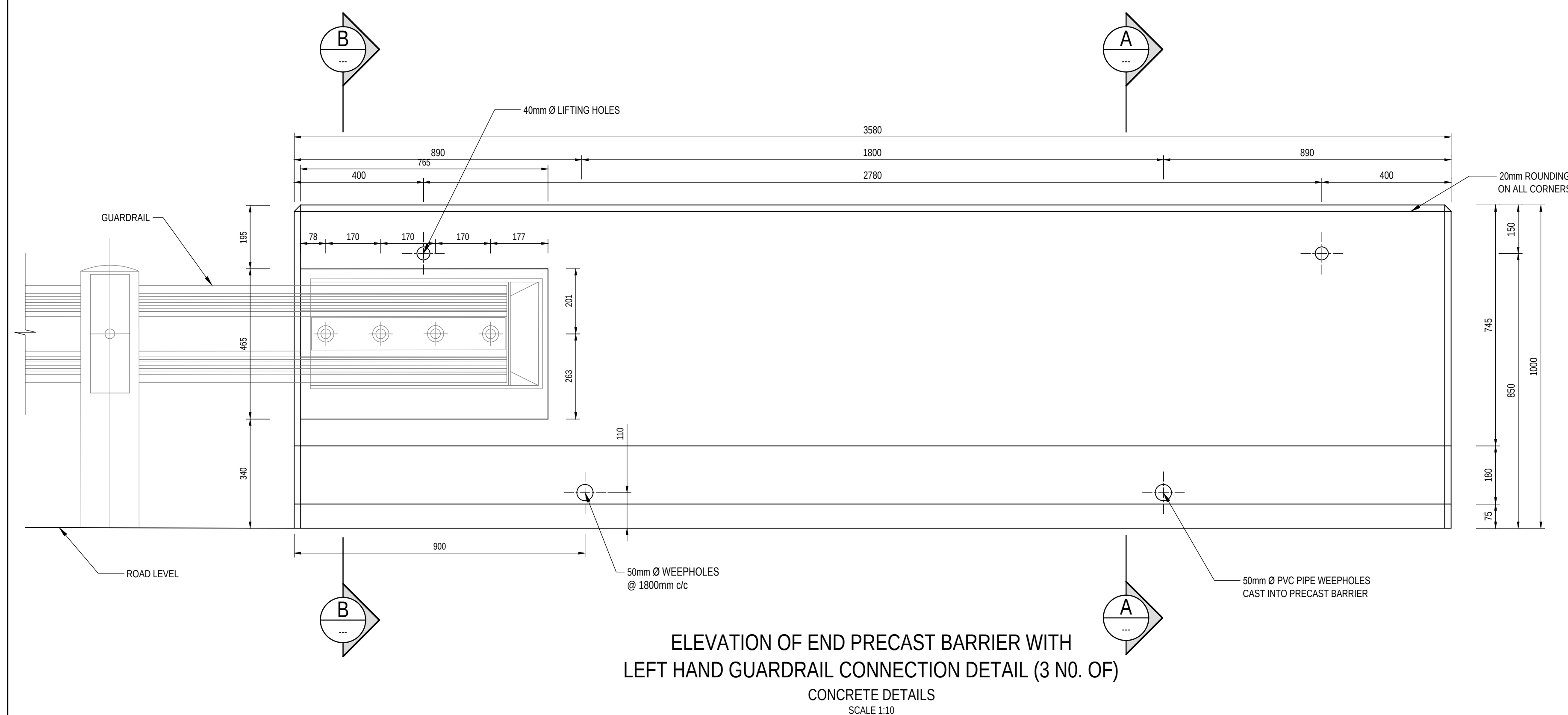


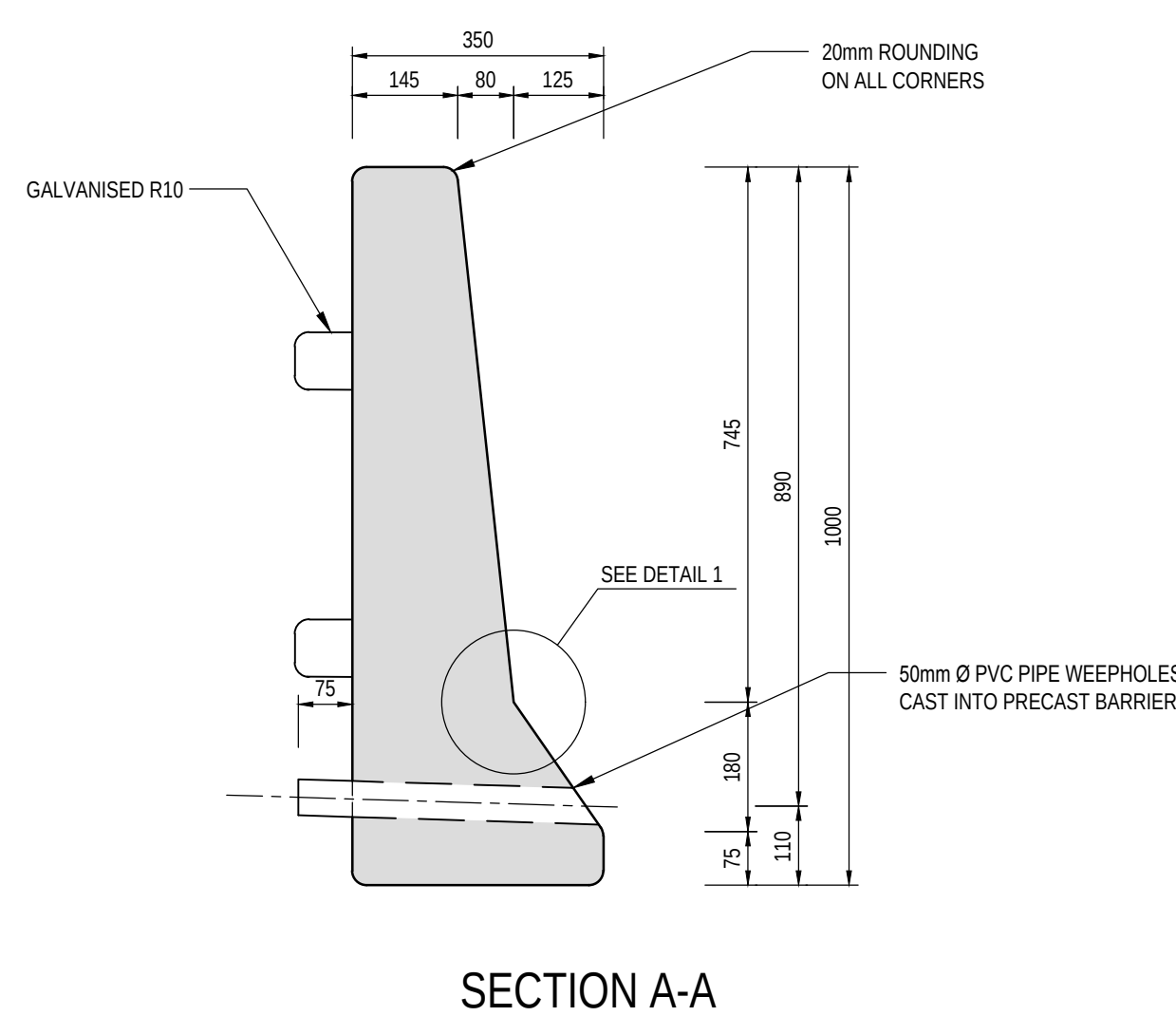
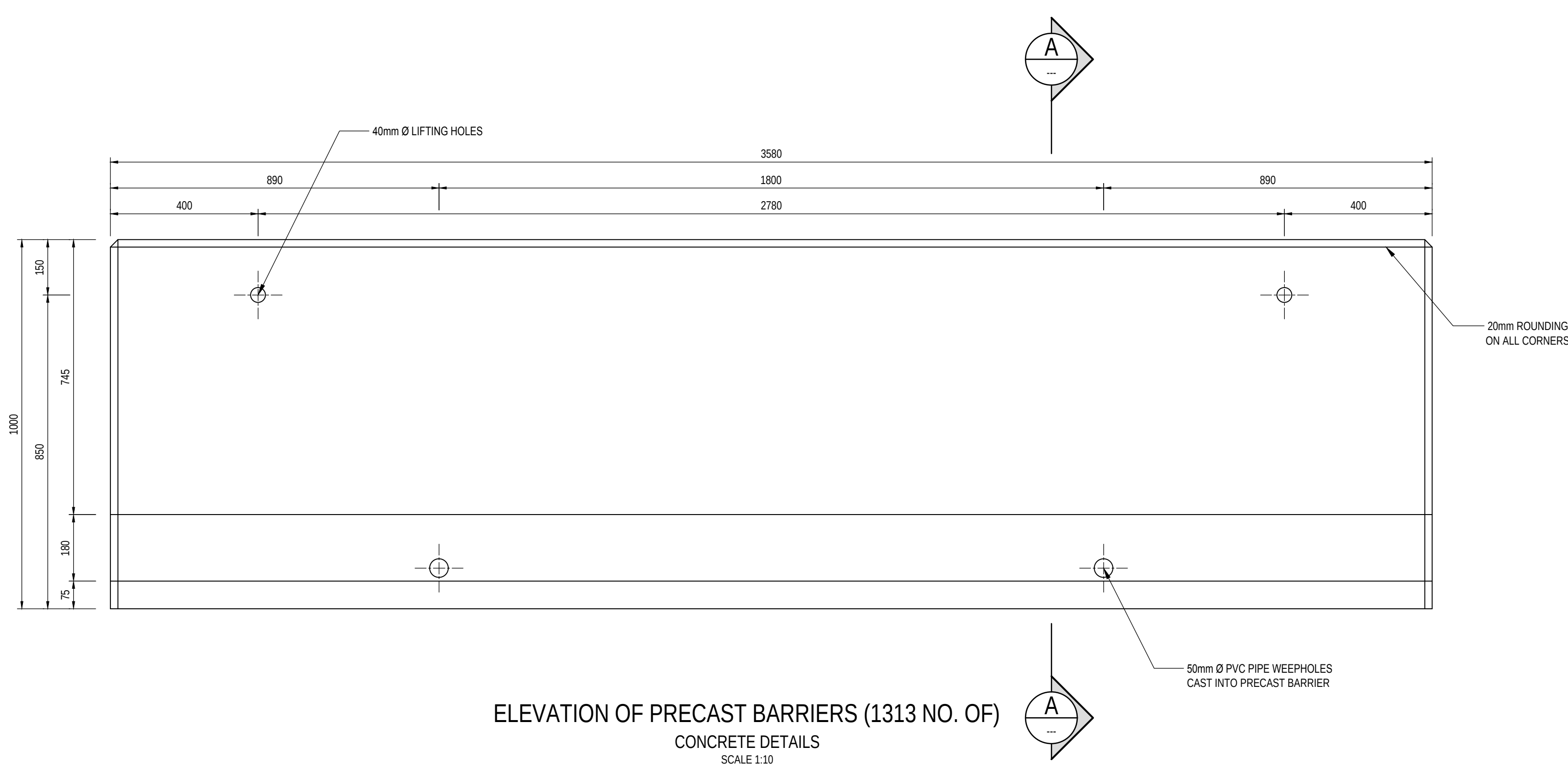


NOTES:

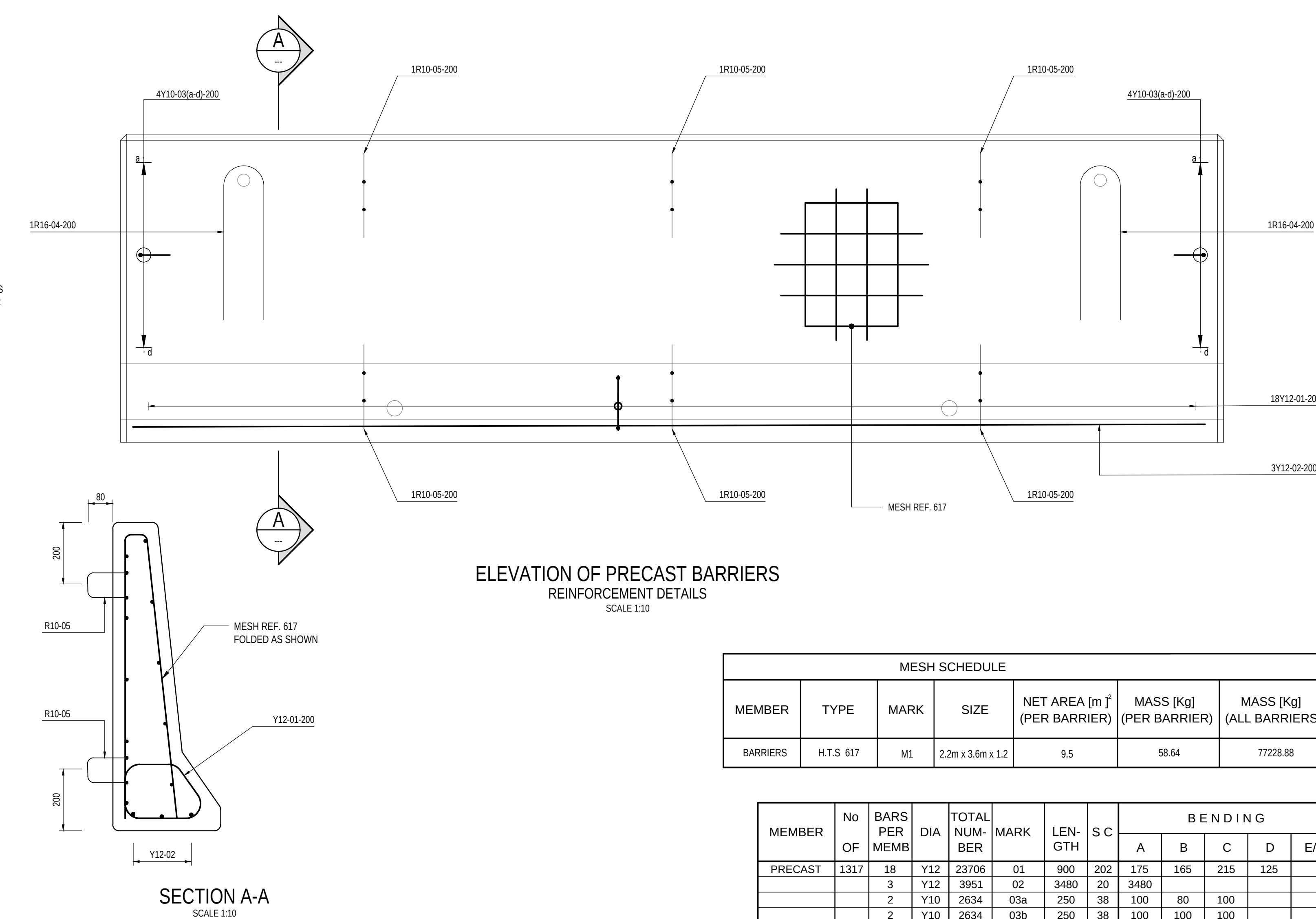
1. MINIMUM SPICE LENGTH OF REINFORCING 50 x BAR DIAMETER.
2. CONCRETE CLASS: C35/50-20-XC4
3. COVER TO REINFORCEMENT: 40mm
4. SURFACE FINISH: F3

LEGEND:

T - TOP LAYERS
B - BOTTOM LAYERS
NF - NEAR FACE
FF - FAR FACE
EF - EACH FACE



DETAIL 1
RADIUS DETAIL
SCALE 1:5

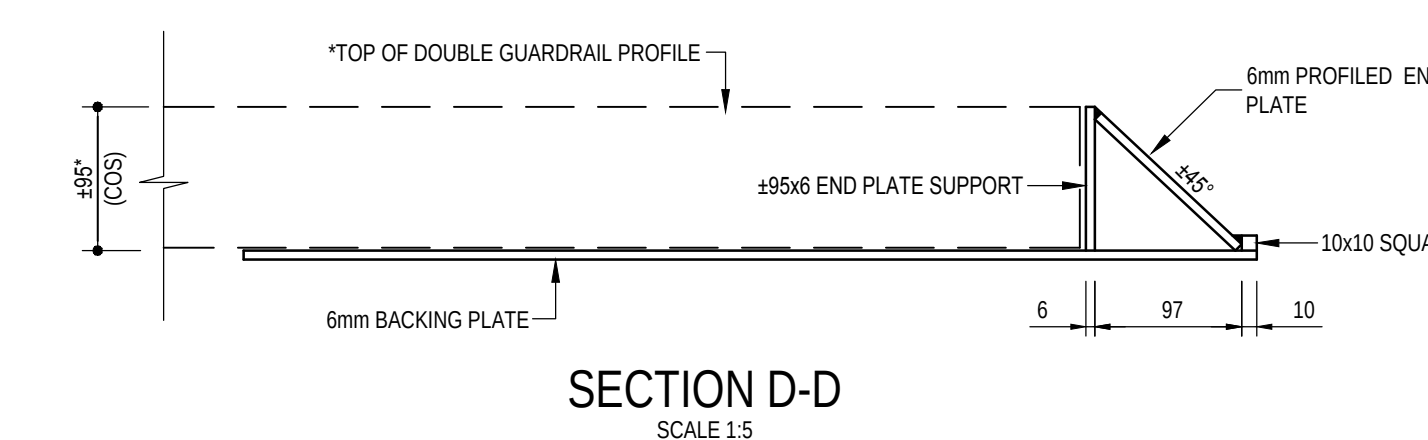
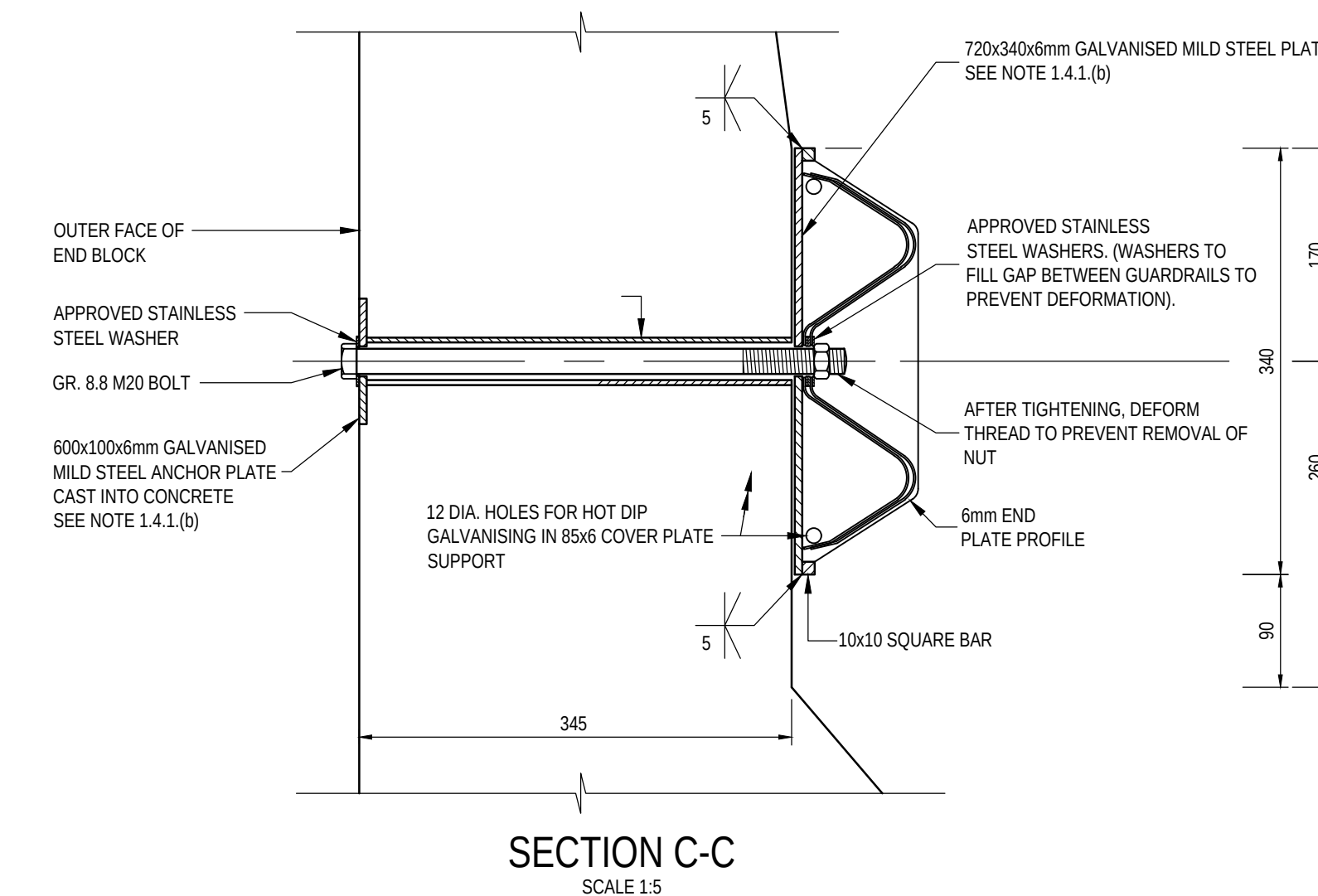
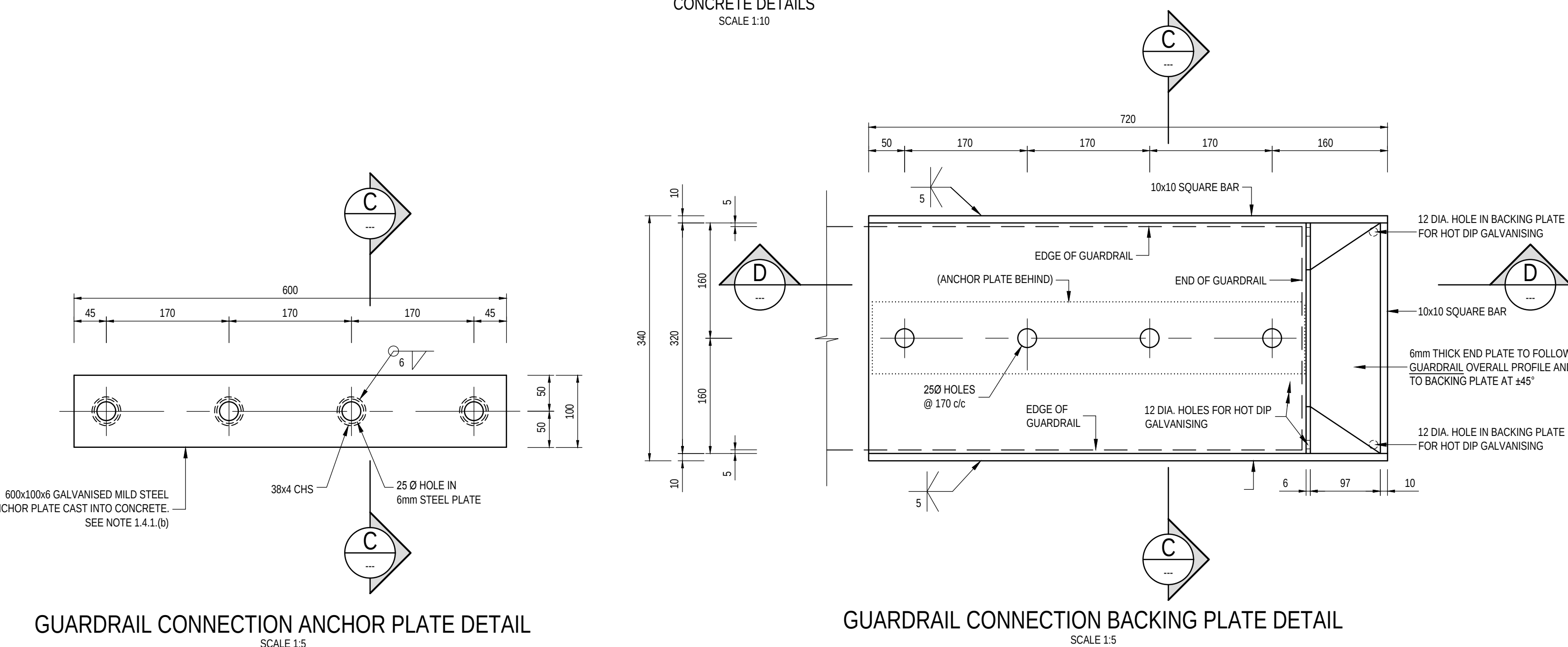
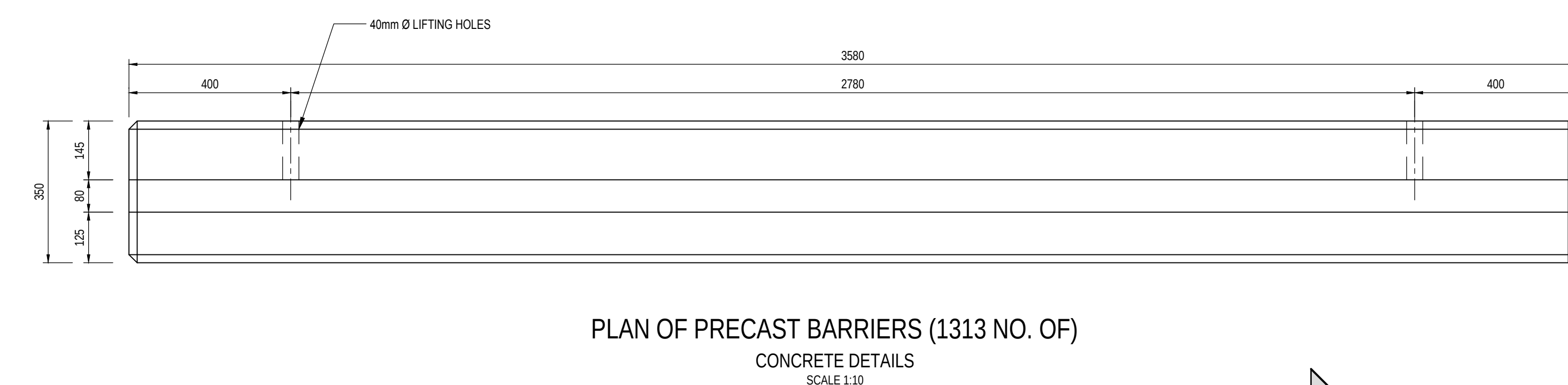


MESH SCHEDULE						
MEMBER	TYPE	MARK	SIZE	NET AREA (m ²) (PER BARRIER)	MASS (kg) (PER BARRIER)	MASS (kg) (ALL BARRIERS)
BARRIERS	H.T.S 617	M1	2.2m x 3.6m x 1.2	9.5	58.64	77228.88

MEMBER	No OF	BARS PER MEMB	DIA	TOTAL NUM-BER	MARK	LEN-GTH	S C	B E N D I N G				
								A	B	C	D	E/r
PRECAST	1317	18	Y12	23706	01	900	202	175	165	215	125	
	3	Y12	3951	02	3480	20	3480					
	2	Y10	2634	03a	250	38	100	80	100			
	2	Y10	2634	03b	250	38	100	100	100			
	2	Y10	2634	03c	300	38	100	125	100			
	2	Y10	2634	03d	300	38	100	145	100			
	2	R16	2634	04	1050	39	500	130	500			
	6	R10	7902	05*	500	83	100	130	100	100		
R	6	8	10	12	16	20	25	32	40	TOT	DESCRIPTION :	
Y										6808	REF Dwg No :	
TOT										39751	REVISION :	

NOTE: BAR MARKS DENOTED * TO BE HOT-DIP GALVANISED

TOTAL MASS OF REINFORCEMENT FOR PRECAST BARRIERS: 39751 kg



CONSTRUCTION RECORD (AS-BUILT) WORKS CONTRACT ENGINEER Name: _____ Prof. Reg. No.: _____ Date: _____ SANRAL PROJECT MANAGER Name: _____ Date: _____				DESIGNED BY NAME: <i>M. KATHRAD</i> Prof. Reg. No.: _____ CHECKED BY: <i>C. LOURENS</i> Prof. Reg. No.: 750426 DRAWN BY: M. LINKS				CONSULTANT APPROVAL Name: <i>M. KATHRAD</i> Prof. Reg. No.: 200800025 Date: 24/08/2021				HEAD OFFICE 48 Tambotie Avenue Val de Grace Pretoria 0184 PO Box 415 Pretoria 0001 South Africa Tel: (012) 844 8000				EASTERN REGION 58 van Eck Place Mkhondeni Pietermaritzburg 3201 PO Box 100410 Scottsville, South Africa 3209 Tel: (033) 392 8100				ACCEPTANCE THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING for the SA NATIONAL ROADS AGENCY SOC LTD. Date: _____				PROJECT DESCRIPTION THE REALIGNMENT OF THE NATIONAL ROUTE 3, SECTION 2 FROM KEY RIDGE (KM2.8) TO HAMMARSDALE (KM8.825) PRECAST BARRIER CONCRETE AND REINFORCEMENT DETAILS SCALE: AS SHOWN SHEET 01 OF 01				CONTRACT NUMBER N003-020-2017/7 DRAWING LOCATION DATA ROUTE: N3 SECTION: 2 DRAWING km DISTANCE: 2.7 DRAWING TYPE: STRUCTURES - WALLS BRIDGE/STRUCTURE No.: N/A CONSULTANT DRAWING No.: 32300.00-201-50-04 SANRAL DOCUMENT #: 9804166 VER: V2			
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