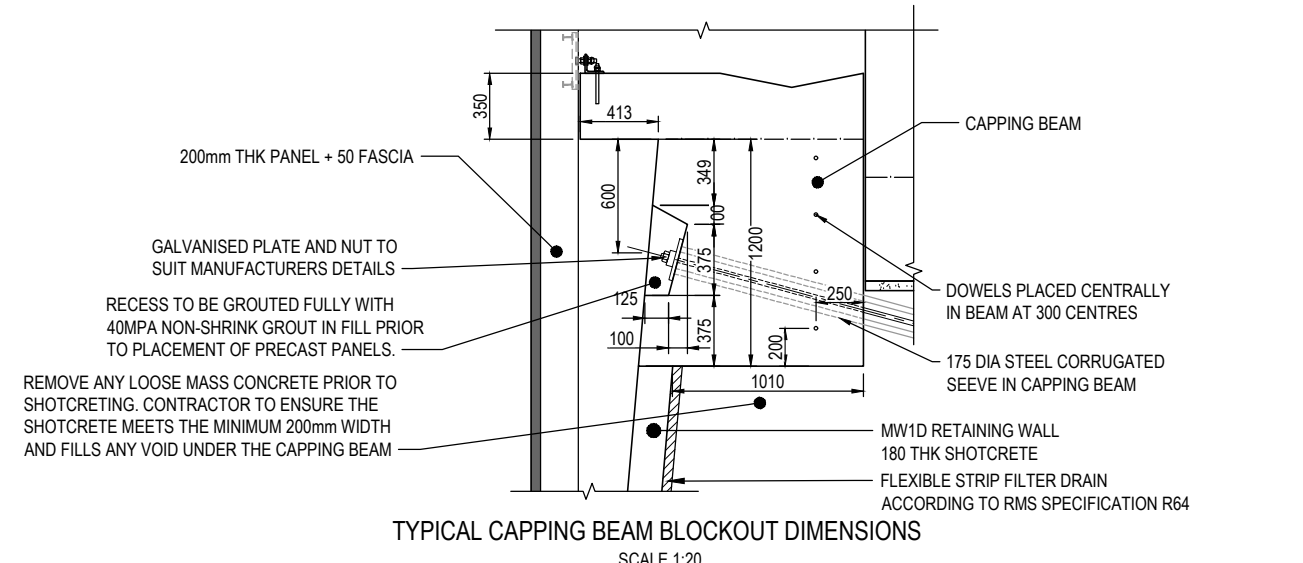


TYPICAL REINFORCED CONCRETE RETAINING WALL MW1D AND MW1E CROSS SECTION TYPE 4  
SCALE 1:25



TYPICAL CAPPING BEAM BLOCKOUT DIMENSIONS  
SCALE 1:20

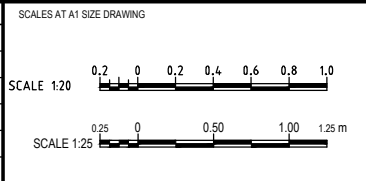
TABLE 3 : MW1D DETAIL

WALL CHAINAGE	APPROX. MC00 CHAINAGE		BAR SIZE (mm)	HOLE SIZE (mm)	MAX. WALL HEIGHT (m)	MAX. RC WALL HEIGHT AT THE TOP (m)	NO OF ROWS	VERTICAL DISTANCE FROM TOP OF THE WALL (m)	HORIZONTAL SPACING (m)	SOIL NAIL DECLINATION (DEGREES)	SOIL NAIL LENGTH	DESIGN BOND MATERIAL	DESIGN NAIL LOAD WORKING (KN)
	FROM	TO											
342 TO 312	730	760	25	150	2.0	1.5	1	1	1.5	15	4.0	VERY STIFF CLAY	66
							2	2	1.5	15	5.0	VERY LOW TO LOW STRENGTH ROCK	82
312 TO 272	760	800	25	150	2.9	2.3	1	1	1.5	15	4.0	VERY LOW TO LOW STRENGTH ROCK	94
							2	2	1.5	15	7.0	VERY STIFF CLAY	115
272 TO 192	800	880	25	150	3.9	2.3	1	1	1.5	15	5.5	VERY LOW TO LOW STRENGTH ROCK	130
							2	2	1.5	15	6.5	VERY STIFF CLAY	107
192 TO 152	880	920	25	150	4.0	-	1	1	1.5	15	5.5	VERY LOW TO LOW STRENGTH ROCK	130
							2	2	1.5	15	7.0	VERY STIFF CLAY	115
152 TO 72	920	1000	25	150	4.3	-	1	1	1.5	15	6.0	VERY LOW TO LOW STRENGTH ROCK	141
							2	2	1.5	15	5.0	VERY STIFF CLAY	82
72 TO 10	1000	1062	25	150	3.2	-	1	1	1.5	15	4.0	VERY LOW TO LOW STRENGTH ROCK	94
							2	2	1.5	15	4.0	VERY STIFF CLAY	66
10 TO 0	1062	1072	25	150	1.6	-	1	1	1.5	15	4.0	VERY STIFF CLAY	66

NOTES:  
1. MW1D CAPPING BEAM, SOIL NAILS AND SHOTCRETE SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF RETAINING WALL MW1E.

150 mm ON ORIGINAL

DRAWING FILE LOCATION / NAME V:\Vault\Projects\3002750\CAD\DWG\17_Struct\RETAINING_WALLS\3002750-RW-2204.dwg		REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL	TITLE	NAME
EXTERNAL REFERENCE FILES		A	29.02.2024	DRAFT DOCUMENT READINESS (DR) SUBMISSION	0036	T.VN	DRAFTER	M.SURESH
							DRAFTING CHECK	V. RAMAMURTHY
							DESIGNER	S. MONTGOMERY
							DESIGN CHECK	R. HUNTER
							PROJECT MANAGER	K. DECANHA
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SMEC PROJECT No 3002750

CLIENT  
**ACT Government**  
Transport Canberra & City Services

PROJECT TITLE  
WILLIAM HOVELL DRIVE DUPLICATION  
**STRUCTURES AND RETAINING WALLS  
MW1D AND MW1E  
TYPICAL CROSS SECTION - SHEET 2**

SCALE AS SHOWN	PHASE DETAIL DESIGN	PROJECT / DRAWING No. 3002750-RW-2204	REVISION A
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DR