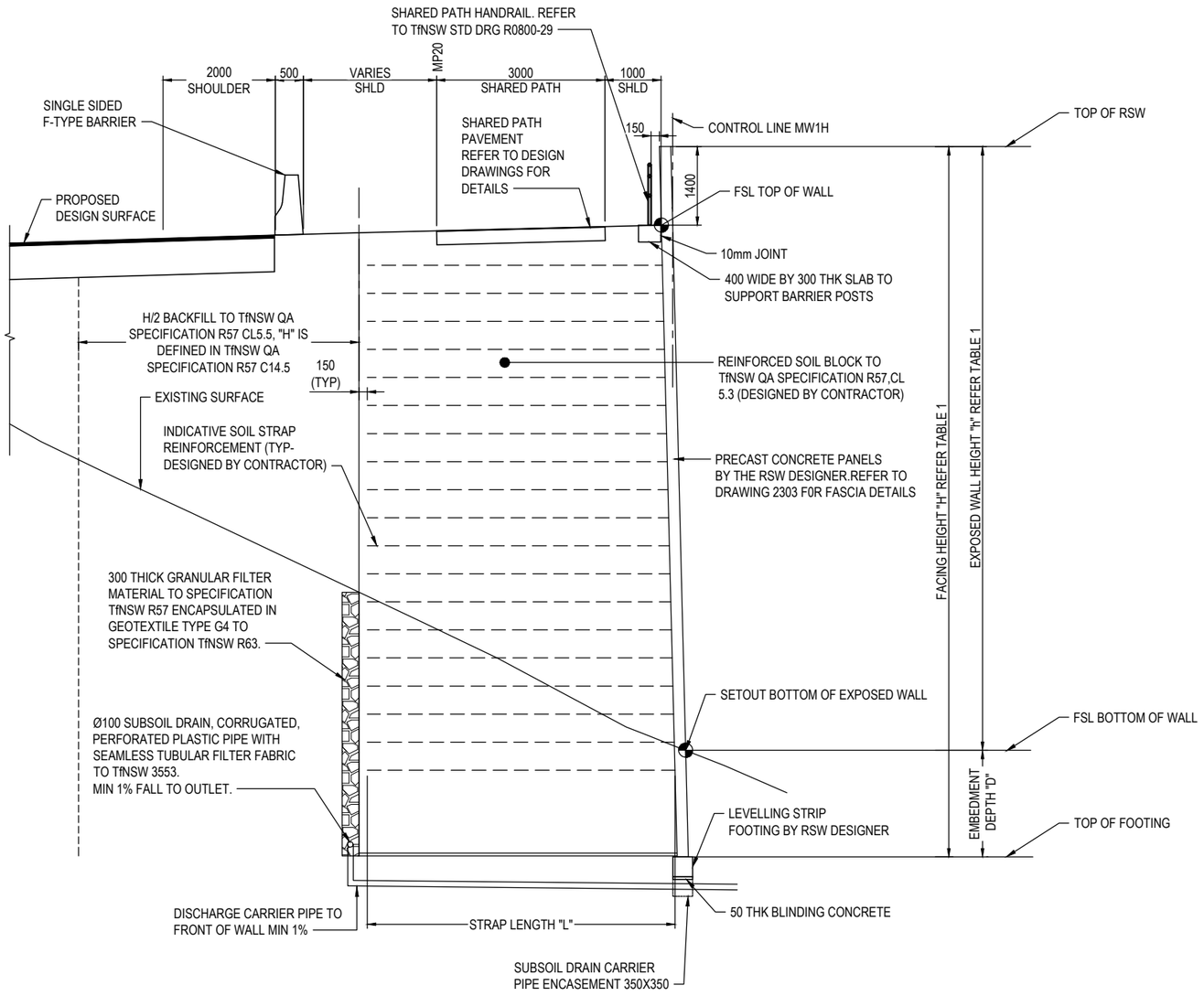
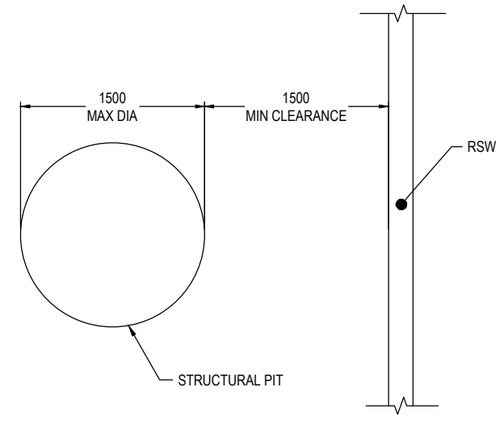


TYPICAL RETAINING WALL MW1H

SCALE 1:50

TABLE 5 : MW1H DETAIL

WALL CHAINAGE		MAX. WALL EXPOSED HEIGHT "h" (m)	FACING HEIGHT "H" (m)	MIN. REQUIRED EMBEDMENT DEPTH "D" (mm)	MIN. STRAP LENGTH "L" (m)	FOUNDING MATERIAL	MAXIMUM ALLOWED SLOPING GROUND IN FRONT OF THE WALL (DEGREES)
FROM	TO						
0	160	9.6	11.6	1700	9.0	MEDIUM DENSE SAND	25
160	230	7.6	8.8	1200	6.5	VERY STIFF CLAY	18
230	311.9	6.1	7.2	1100	6.0	VERY STIFF CLAY	18



TYPICAL PIT PLAN

SCALE 1:25

150 mm ON ORIGINAL

A1

DRAWING FILE LOCATION / NAME: V:_Vault\Projects\3002750\CAD\DWG\17_SC_Struct\RETAINING_WALLS\3002750-RW-2302.dwg

PLOT DATE: 29 Feb 2024 TIME: 19:37:41

EXTERNAL REFERENCE FILES	REV	DATE	AMENDMENT / REVISION DESCRIPTION	WVR No.	APPROVAL
K_3002750_SMEC_A1 K_RET_SEC_MW1H	A	29.02.2024	DRAFT DOCUMENT READINESS (DR) SUBMISSION	0036	T.VN

TITLE	NAME
DRAFTER	M.SURESH
DRAFTING CHECK	V. RAMAMURTHY
DESIGNER	S.MONTGOMERY
DESIGN CHECK	R. HUNTER
PROJECT MANAGER	K. DECANHA
PROJECT DIRECTOR	T. VAN NIEKERK

SCALES AT A1 SIZE DRAWING

SCALE 1:50 0.5 0 1 2

DESIGNER

SMEC

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SMEC PROJECT No 3002750

CLIENT

ACT Government
Transport Canberra & City Services

DR

PROJECT TITLE

WILLIAM HOVELL DRIVE DUPLICATION

STRUCTURES AND RETAINING WALLS
MW1H
TYPICAL CROSS SECTION

SCALE	PHASE	PROJECT / DRAWING No.	REVISION
AS SHOWN	DETAIL DESIGN	3002750-RW-2302	A