



LAYOUT PLAN

1500 10 5 00 10 20 40

DIRECTION OVERLAND FLOW →

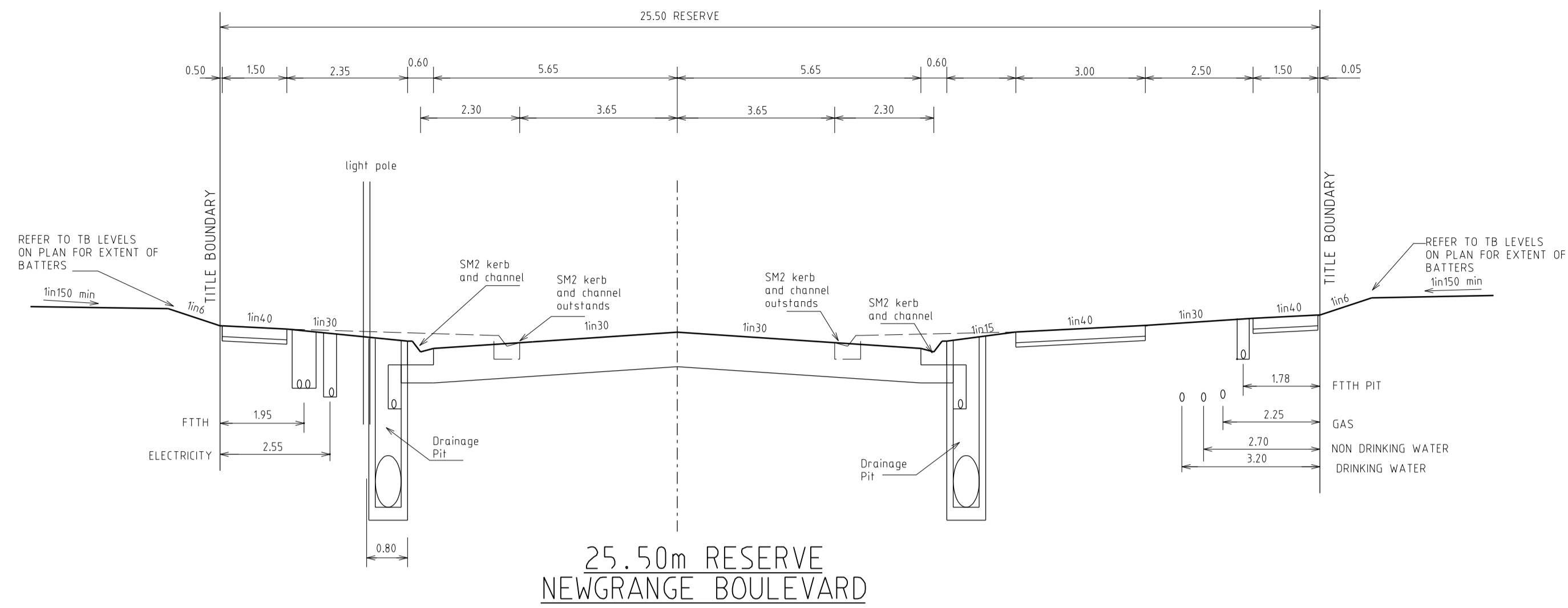
**WARNING**  
 BEWARE OF UNDERGROUND SERVICES  
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN

**ATTENTION TO CONTRACTOR**  
 ALL DISTURBED ROAD VERGES AS A RESULT OF CONSTRUCTION SHALL BE REINSTATED TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY

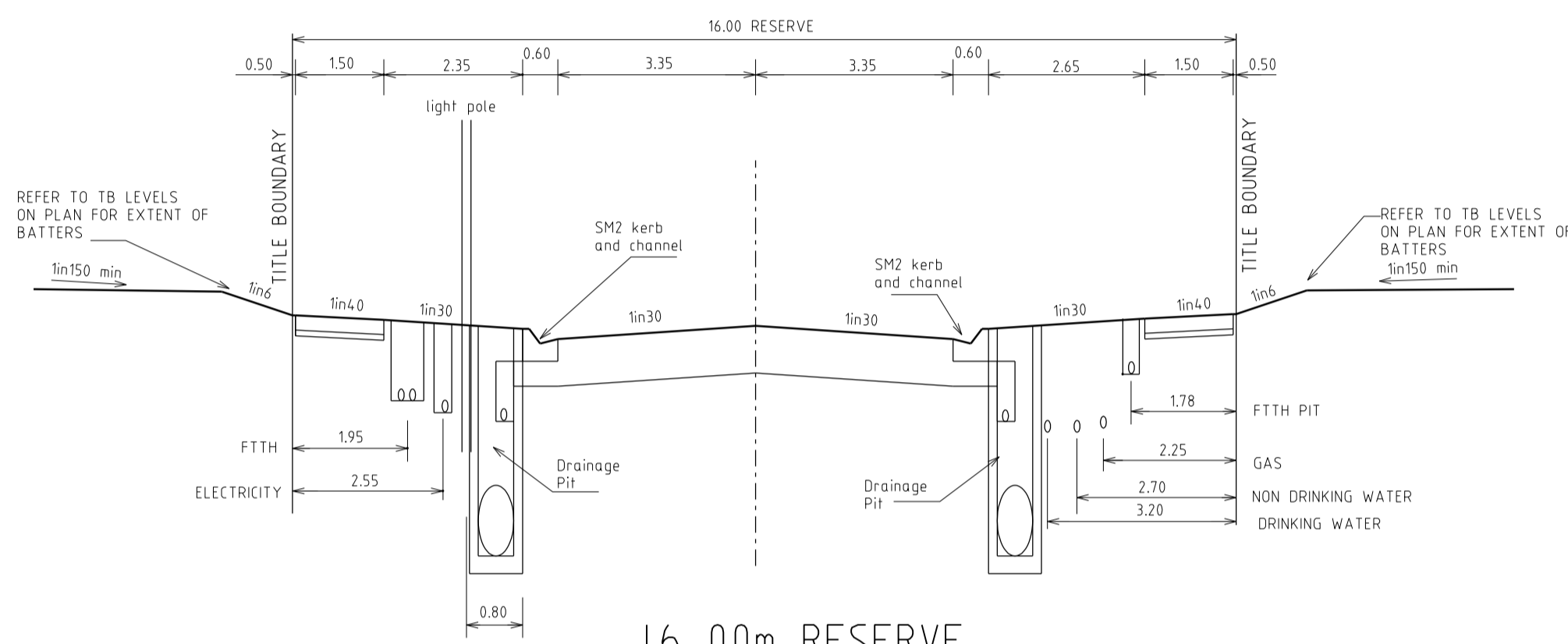
**ATTENTION TO CONTRACTOR**

- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE DIGITAL PLAN, PROVIDED FOR SETOUT PURPOSES, MATCHES THE T.B.M. COORDINATES SHOWN.
- WHERE CONCRETE WORKS ABOUT A SEWER ACCESS CHAMBER SURROUND OR SIMILAR STRUCTURE, AN EXPANSION JOINT OF APPROVED MATERIAL SHALL BE PROVIDED BETWEEN THE TWO FACES.

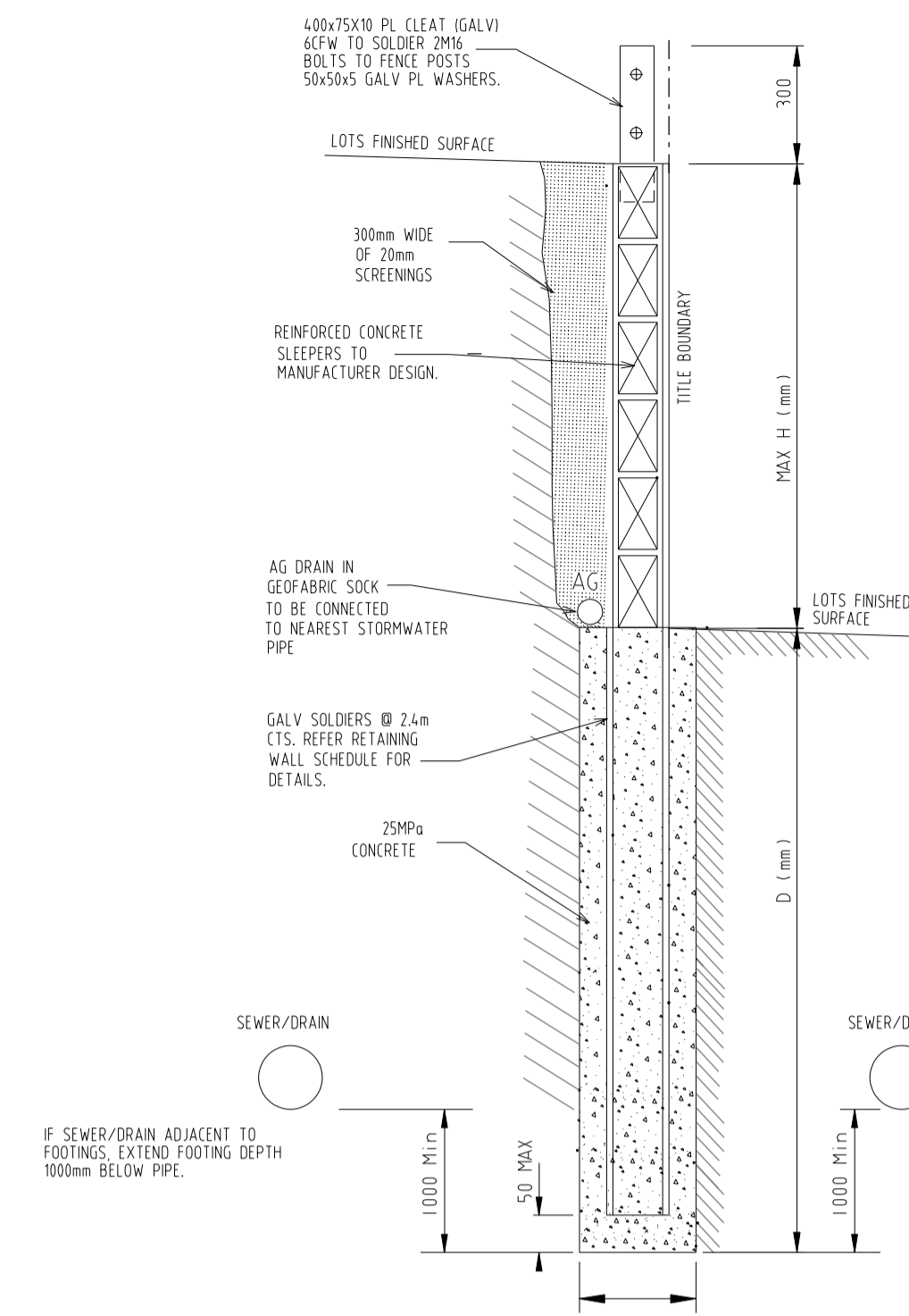
AMENDMENTS		MELWAY REF. 131-C-12		breese pitt dixon pty. ltd. land surveyors civil engineers		1/19 coto street hawthorn east, 3123 telephone 8823 2300 fax no. 8823 2310	
		SURVEY B.P.D.		MERIDIAN ESTATE STAGE 2		MUNICIPALITY CASEY	
		DESIGN RK		FUNCTIONAL LAYOUT PLAN		REFERENCE 8129 E/2	
		DRAWN RK		SCALE AS SHOWN		DATE MAR. 16	
		CHECKED		DATUM AHD		SHEET 1 OF 2	
VER. DATE		REMARKS		DATE		P3	



25.50m RESERVE  
NEWGRANGE BOULEVARD



16.00m RESERVE  
STATURE AVENUE, FELLOWSHIP STREET,  
PICNIC AVENUE, COLONNADE STREET

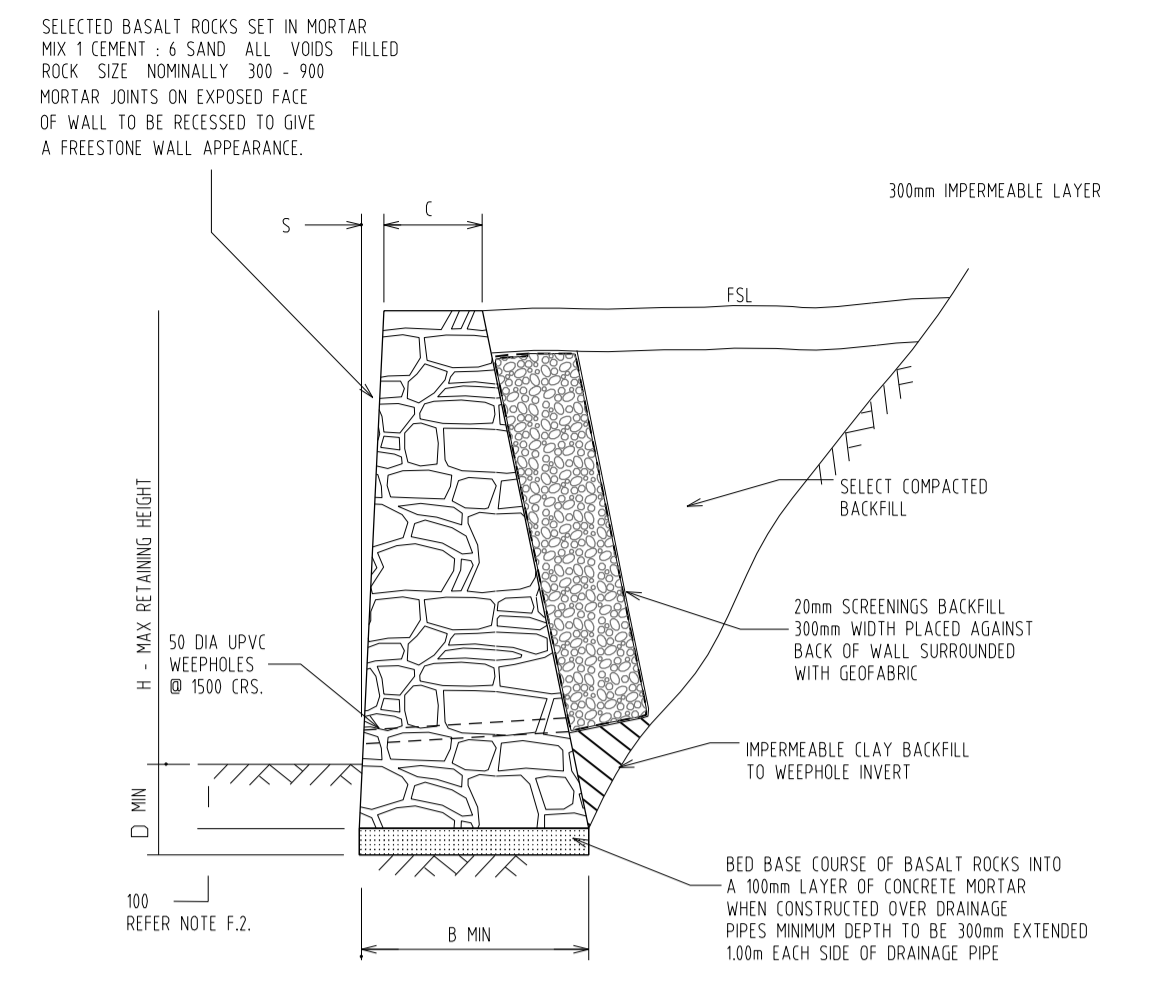


CONCRETE SLEEPER  
RETAINING WALL DETAIL

RETAINING WALL SCHEDULE

HEIGHT-H (mm)	DEPTH-D (mm)	SOLDERS SIZE Ø 2.4m CTS
600	900	100 UC 14.8
800	1200	100 UC 14.8
1000	1500	100 UC 14.8

\* Drain to be the greater of that shown above or 100mm below adjacent sewer/drainage



MASS ROCK  
RETAINING WALL DETAIL (TYPE RR)  
NTS

MASS ROCK RETAINING WALL SCHEDULE

MAX. WALL HEIGHT - H (mm)	FOUNDING DEPTH - D (mm)	BASE WIDTH - B (mm)	FRONT FACE SETBACK - S (mm)	CREST WIDTH - C (mm)
400	300	450	15	300
500	300	500	15	300
600	300	500	30	300
800	300	550	30	300
1000	300	600	30	300
1200	300	750	40	300
1400	300	850	50	300

RETAINING WALL NOTE R.1

a. WHERE FOOTPATH ADJACENT TO RETAINING WALL CONTINUE CONCRETE UP TO BASE OF RETAINING WALL

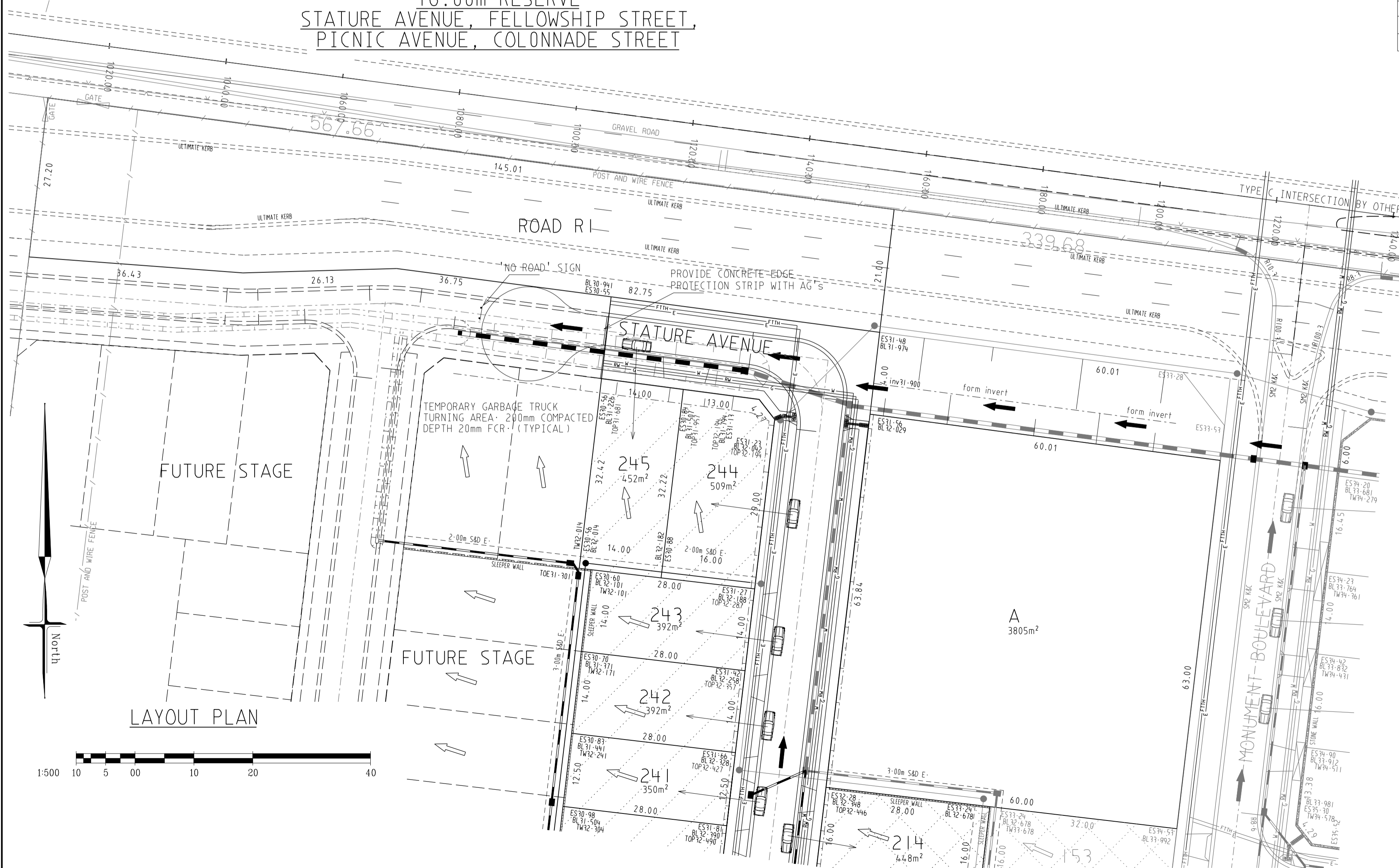
FOOTING NOTE F.2

a. TOP OF WALL SHALL PENETRATE THROUGH ANY FILL MATERIAL & THE NATURAL SILT SOILS TO BE FOUNDED AT LEAST 100mm INTO THIS UNDERLYING NATURAL STIFF CLAY OR WEATHERED ROCK. ALL EXCAVATIONS SHALL HAVE FOUNDING DEPTHS AND BEARING CAPACITY APPROVED BY THE ENGINEER OR BUILDING SURVEYOR BEFORE CONCRETE IS PLACED. FOOTING EXCAVATIONS WHICH ARE DEEPENED TO PENETRATE THROUGH UNSUITABLE SOILS SHALL BE BACKFILLED UP TO UNDERSIDE OF FOOTINGS WITH 15 MPa BLINDING CONCRETE.

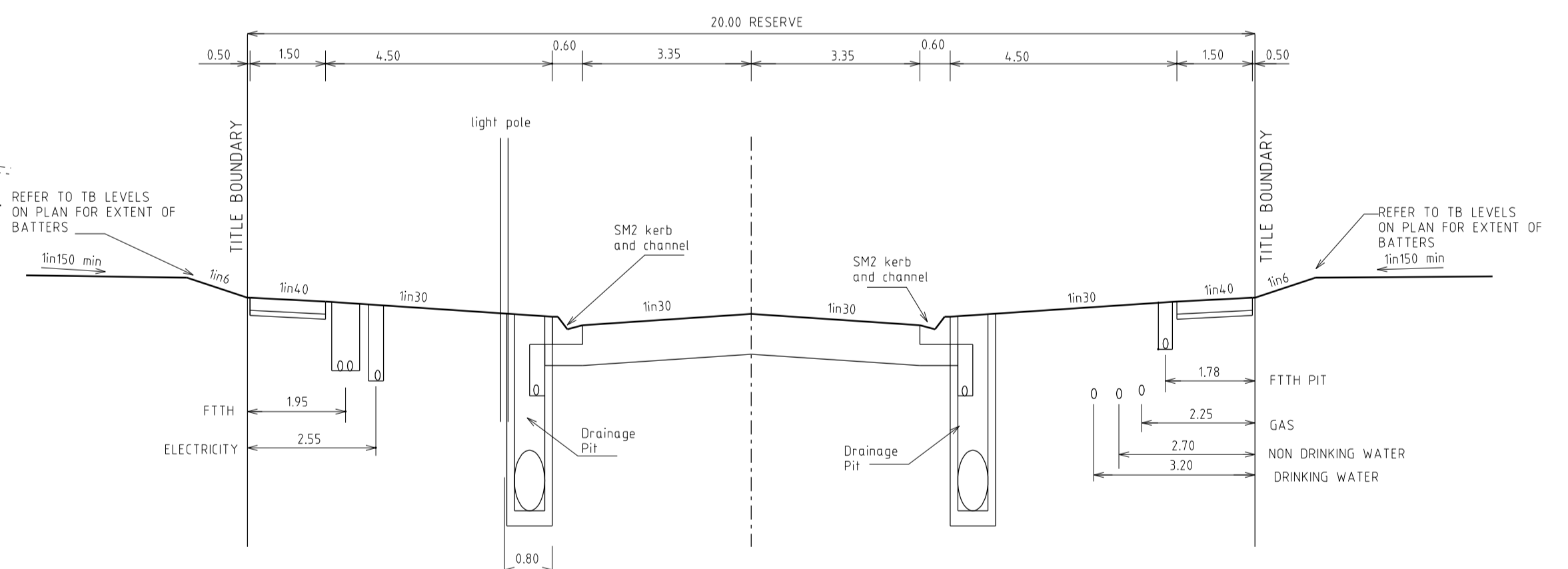
b. ALL EXCAVATION FOUNDING SURFACES SHALL BE LEVEL (NOT INCLINED) CLEAN CUT & FREE OF MUD OR WATER.

c. ALL SEEPAGE INFLOW SHALL BE REMOVED BEFORE PLACEMENT OF CONCRETE.

d. FOOTINGS SHALL BE FOUNDED IN STIFF NATURAL CLAY HAVING A SAFE BEARING CAPACITY OF 150kPa.



LAYOUT PLAN



20.00m RESERVE  
MONUMENT BOULEVARD

SERVICES OFFSETS AND LOCATIONS

STREET NAME	Rd. RESERVE	WATER			ELECTRICITY		FIBRE TO THE HOME		Bk. of KERB	JOINT TRENCHING
		DW	NDW	GAS	CABLES	POLES	CABLES	PITS		
MONUMENT BOULEVARD	20.00	3.20 E	2.70 E	2.25 E	2.55 W	0.80 BOK	1.95 W	1.95 W	6.05	E, T, G, W
NEWGRANGE BOULEVARD	25.50	3.20 S	2.70 S	2.25 S	2.55 N	0.80 BOK	1.95 N	1.95 N	8.65 S	E, T, G, W
STATURE AVENUE	16.00	3.20 E	2.70 E	2.25 E	2.55 W	0.80 BOK	1.95 W	1.95 W	3.90 W	E, T, G, W
FELLOWSHIP STREET	16.00	3.20 S	2.70 S	2.25 S	2.55 W	0.80 BOK	1.95 N	1.95 N	2.80 W	E, T, G, W
PICNIC AVENUE	16.00	3.20 E	2.70 E	2.25 E	2.55 W	0.80 BOK	1.95 W	1.95 W	3.90 W	E, T, G, W
COLONNADE STREET	16.00	3.20 S	2.70 S	2.25 S	2.55 N	0.80 BOK	1.95 S	1.95 S	4.20 S	E, T, G, W

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	SURVEY	B.P.D.						
	DESIGN	RK						
	DRAWN	RK						
VER	DATE	REMARKS	CHECKED	SCALE AS SHOWN	DATUM AHD	DATE MAR. 16	SHEET 2 OF 2	P3

MERIDIAN ESTATE  
STAGE 2  
FUNCTIONAL LAYOUT DETAILS

MUNICIPALITY  
CASEY  
REFERENCE  
8129 E/2