

### RETAINING WALL DESIGN AND APPROVALS REQUIREMENTS

NOTE: RETAINING WALL DETAILS AND DESIGN CERTIFICATION TO BE SUBMITTED TO COUNCIL PRIOR TO COMMENCEMENT OF CONSTRUCTION OF WALLS

- RETAINING WALLS**
- CONTRACTOR TO OBTAIN ANY RELEVANT BUILDING PERMITS. COPY OF BUILDING PERMIT TO BE PROVIDED TO PRINCIPAL.
  - CONTRACTOR TO PROVIDE STRUCTURAL ENGINEER INSPECTION AND CERTIFICATION FOR CONSTRUCTION OF ALL WALLS, IRRESPECTIVE OF NEED FOR PERMIT OR OTHERWISE.
  - CONTRACTOR TO ENSURE ALL REQUIREMENTS OF BUILDING PERMIT HAVE BEEN ADDRESSED.

LEGEND	
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SWALE DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	ELECTRICITY (U.GROUND)
	ELECTRICITY (O.HEAD)
	GAS
	TELSTRA
	OPTIC FIBRE
	WATER
	RECYCLE WATER
	AG DRAIN
	SERVICE CONDUITS
	CHAINAGE
	TOP OF RETAINING WALL LEVEL
	BOTTOM OF RETAINING WALL LEVEL
	EXISTING RETAINING WALL
	TYPE 1 SLEEPER RETAINING WALL REQUIRED (HEIGHT TO BE DETERMINED)
	TYPE 2 SLEEPER RETAINING WALL REQUIRED (HEIGHT TO BE DETERMINED)
	ROCK RETAINING WALL REQUIRED (HEIGHT TO BE DETERMINED)
	AG DRAIN

**RETAINING WALL A - LONGITUDINAL SECTION**

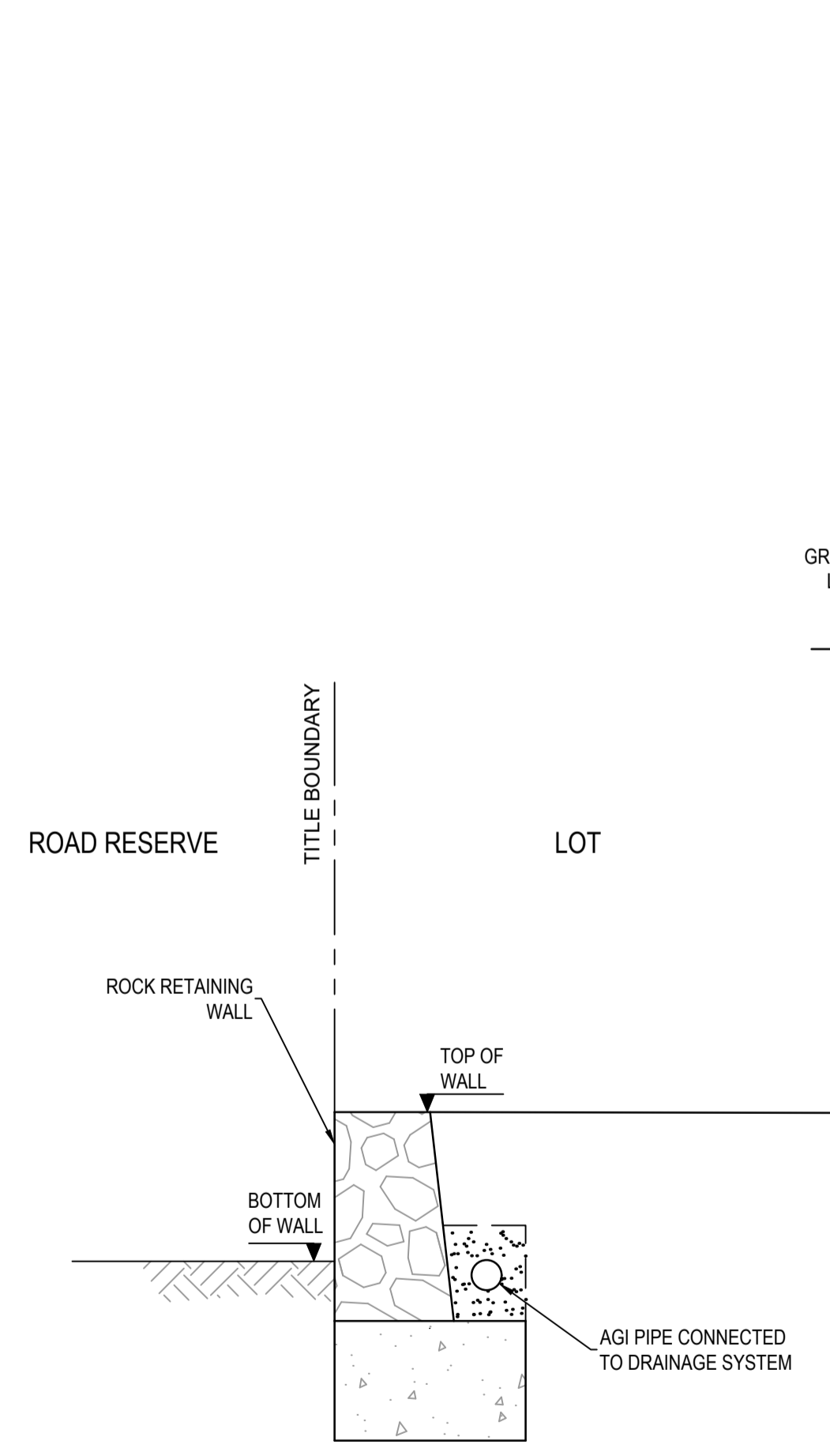
HORIZONTAL GEOMETRY DATUM RL241

CHAINAGE	EXISTING SURFACE	TOP OF WALL	HEIGHT OF WALL	BOTTOM OF WALL
0.000	246.927	245.537	0.000	245.537
7.403	246.751	245.520	0.499	245.021
39.245	245.670	246.136	1.794	244.342
42.945	245.707	246.160	1.802	244.358
56.995	246.121	246.144	1.800	244.344

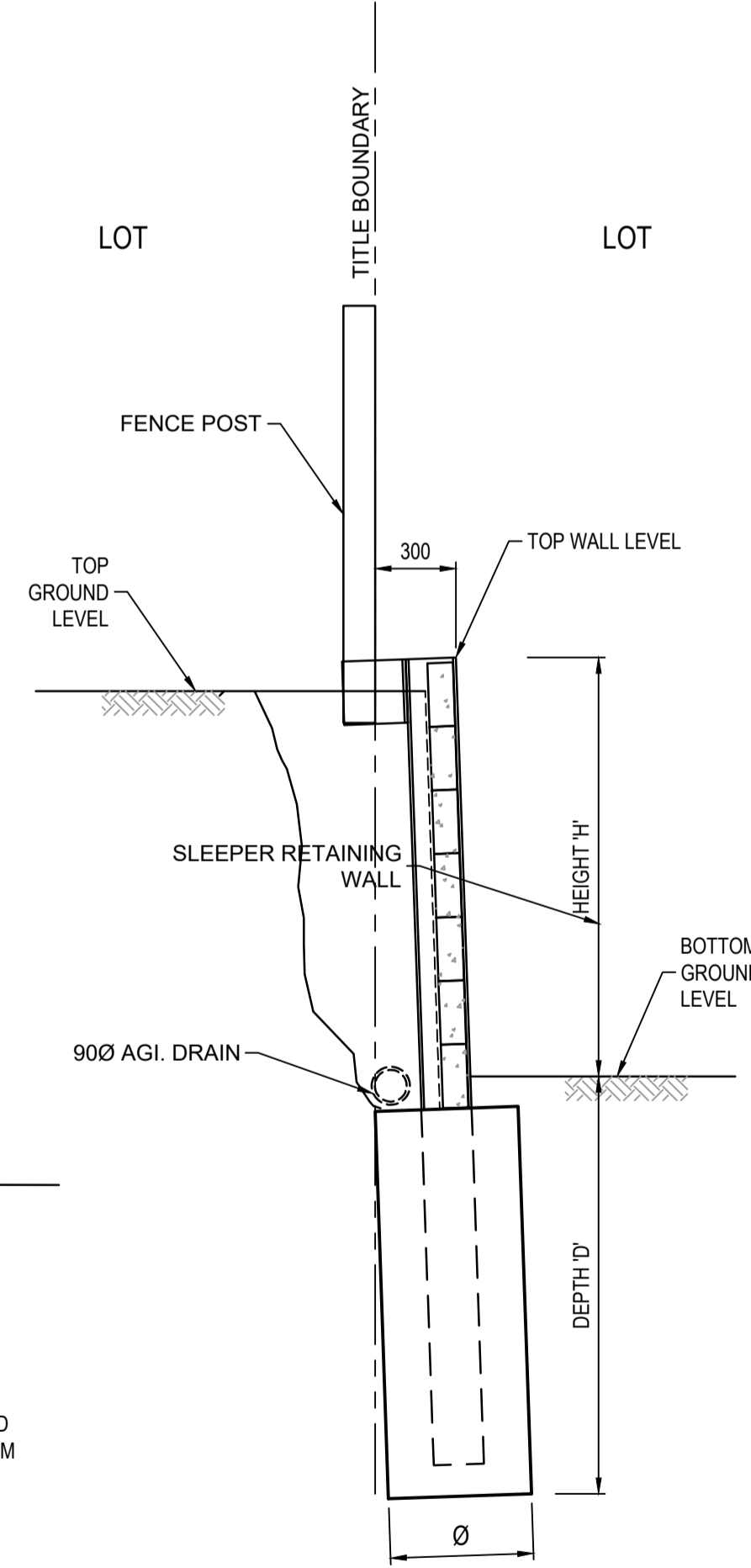
**RETAINING WALL B - LONGITUDINAL SECTION**

HORIZONTAL GEOMETRY DATUM RL241

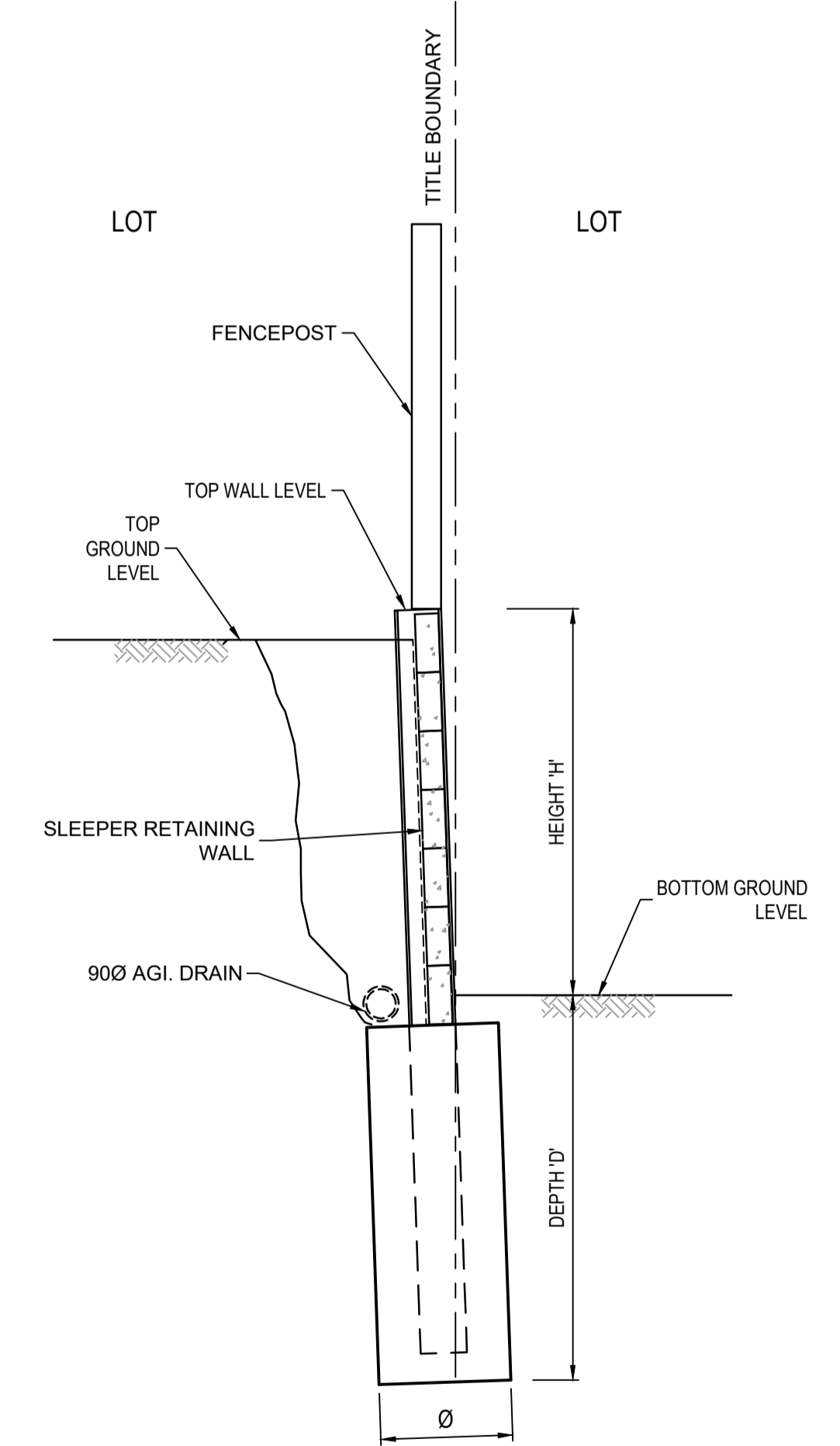
CHAINAGE	EXISTING SURFACE	TOP OF WALL	HEIGHT OF WALL	BOTTOM OF WALL
0.000	246.647	244.644	0.000	244.644
8.000	246.067	244.525	0.399	244.126
12.261	245.206	244.270	0.904	243.696
49.308	244.888	244.190	0.657	243.533
53.308	244.963	243.980	0.000	243.980



TYPICAL MORTARED ROCK RETAINING WALL  
NOT TO SCALE



TYPE 1 SLEEPER RETAINING WALL  
SCALE: NTS



TYPE 2 SLEEPER RETAINING WALL  
SCALE: NTS

REV A	DATE 28.08.24	AMENDMENT / REVISION DESCRIPTION ISSUED FOR INFORMATION ONLY	DRAFTER C.PIERRE	DESIGNER C.PIERRE	CHECKER T.MOTET	APPROVER A.BURROWS		PLAN OF SUB. NO. PS921784A PERMIT REF. NO. 717158			 Member of the Surlana Jurong Group ABN 47 065 475 149 Collins Square, Tower 4, Level 20, 727 Collins St Melbourne, VIC, 3008, Australia 03 9514 1500		Olivine Estate - Stage 16 Whittlesea City Council Road and Drainage Retaining Wall Longitudinal Sections	MELWAYS REF 367 G11	PROJECT / DRAWING No. 1700E-016-132	SHEET No. 05 of 38	REVISION A
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