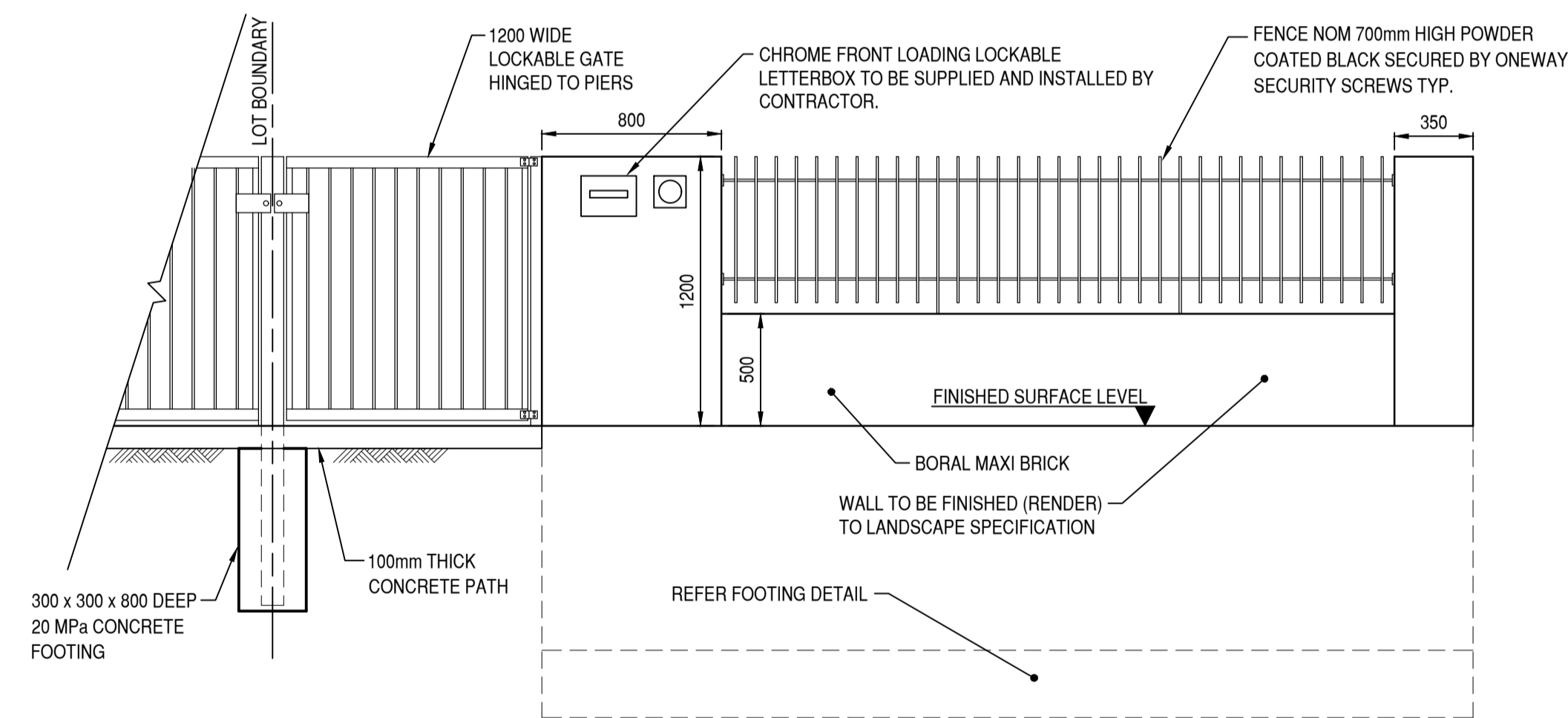
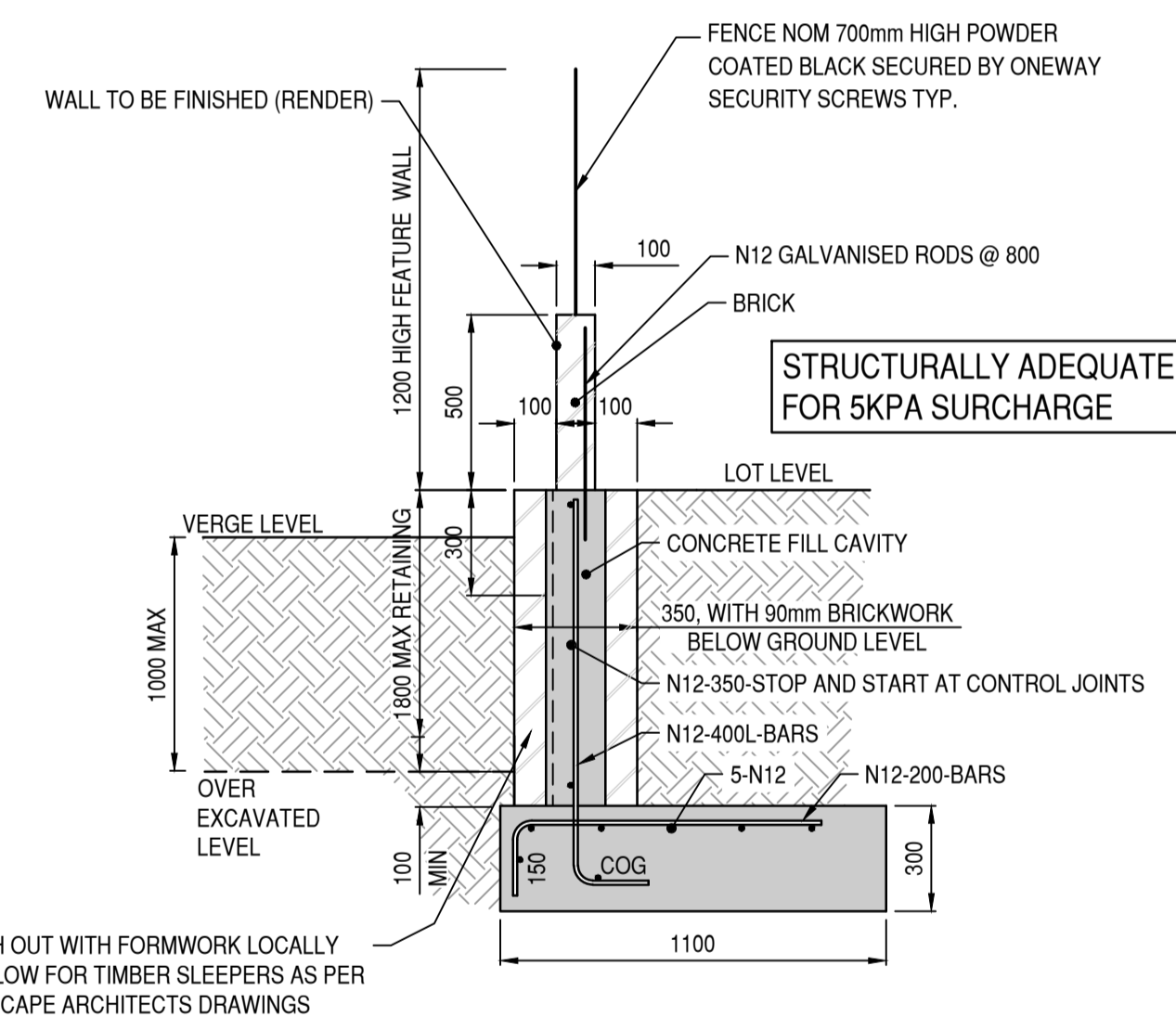


## LIMESTONE RETAINING WALL AND FENCE NOTES

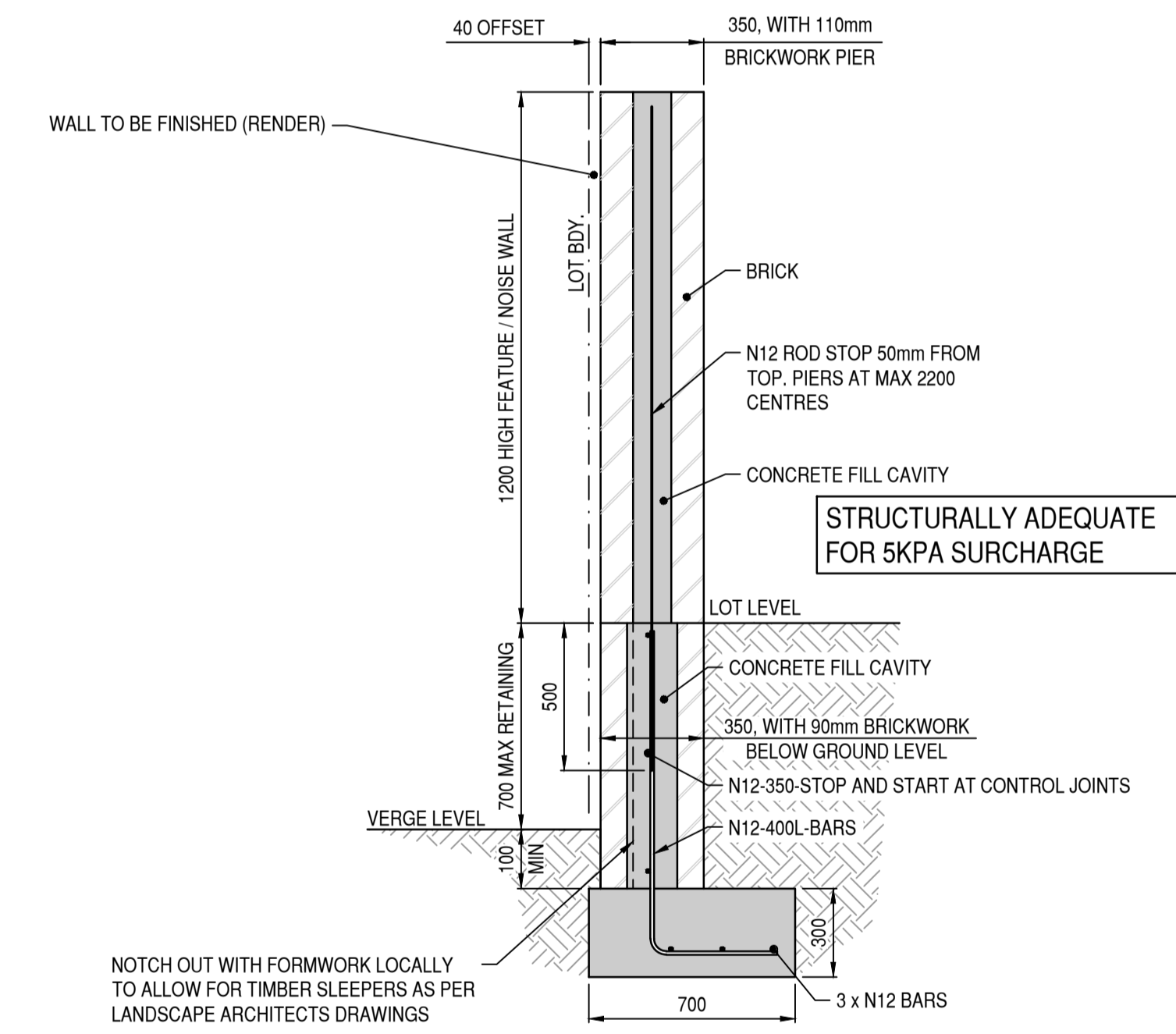
1. COMPACT GROUND UNDER FOOTING TO RESIST 8 BLOWS PER 300mm OF A STANDARD 16mm DIA PENETROMETER OVER A DEPTH OF 600mm
2. LIMESTONE BLOCKS TO BE A MINIMUM DENSITY OF 1500kg/m<sup>3</sup> (DRY). RECONSTITUTED LIMESTONE BLOCKS TO BE A MINIMUM DENSITY OF 1800kg/m<sup>3</sup> (DRY).
3. MORTAR MIX SHALL COMPRISE 1 PART WHITE CEMENT, 1 PART LIME PUTTY, AND 6 PARTS CLEAN YELLOW SAND OR 1 PART WHITE CEMENT, 0.5 PART LIME PUTTY AND 4.5 PARTS YELLOW SAND IF LESS THAN 1km FROM THE COAST. ALL BLOCK WORK SHALL BE FULLY MORTARED TO ADJACENT BLOCKS.
4. THESE WALLS ARE APPLICABLE FOR CLASS 'A' CONDITIONS ONLY TO AS 2870. ALL OTHER CONDITIONS TO BE REFERRED TO ENGINEER.
5. ALL RETAINING WALLS HAVE BEEN CALCULATED WITH A HORIZONTAL BACKFILL. ANY OTHER CIRCUMSTANCES TO BE ASSESSED INDIVIDUALLY.
6. THE RETAINING WALL HAS BEEN DESIGNED TO SUPPORT A 5kPa SURCHARGE.
7. INTERLOCKING BLOCK COURSING TO BE STAGGERED AS PER TYPICAL DETAIL.
8. WALL TO HAVE INTERLOCKING BLOCKS COMMENCING AT 4th COURSE FROM TOP, PERPENDICULAR TO FACING AT MAXIMUM 4m SPACING TO ACHIEVE INTERLOCK OF STRUCTURE.
9. WALLS SHALL HAVE VERTICAL CONTROL JOINTS AT INTERVALS OF NO MORE THAN 10 METRES FOR TYPE 1 WALLS, 15 METRES FOR TYPE 2 AND 3 WALLS, PREFERABLY LOCATED AT PROPERTY BOUNDARIES. JOINTS REQUIRED ALSO ON CORNERS AS PER ATTACHED DETAIL. JOINTS SHALL BE 20mm WIDE, BE FILLED WITH A 25mm CLOSED CELL FOAM AND SEALED WITH AN APPROVED POLYURETHANE JOINT FILLER.
10. NO BACKFILLING UNTIL 7 DAYS AFTER WALLS HAVE BEEN BUILT. COMPACT USING LIGHT EQUIPMENT TO DISTANCE BACK FROM THE FACE OF WALL EQUAL TO THE EFFECTIVE HEIGHT.
11. FENCE TO BE PROPRIETARY SYSTEM BY OTHERS - WALL DESIGNED FOR WIND REGION A ONLY.
12. FENCE POSTS SHALL BE AT 2400mm MAXIMUM CENTRES.
13. A NON SACRIFICIAL ANTI GRAFFITI COATING IS TO BE APPLIED TO WALLS FACING A ROAD, P.A.W. OR P.O.S.
14. WEEPHOLES TO BE CONSTRUCTED IN WALLS WHERE FOOTINGS ARE IN CLAY, ROCK, CAPSTONE OR LESS THAN 600mm OF SAND AND/OR IN AREAS OF HIGH GROUND WATER (TYP.)



**ELEVATION OF PROPOSED FENCING AND GATES**  
SCALE 1:25



**TYPICAL DROP WALL FOOTING FOR CONCRETE WALLS**  
SCALE 1:20



**TYPICAL PIER SECTION**  
SCALE 1:20

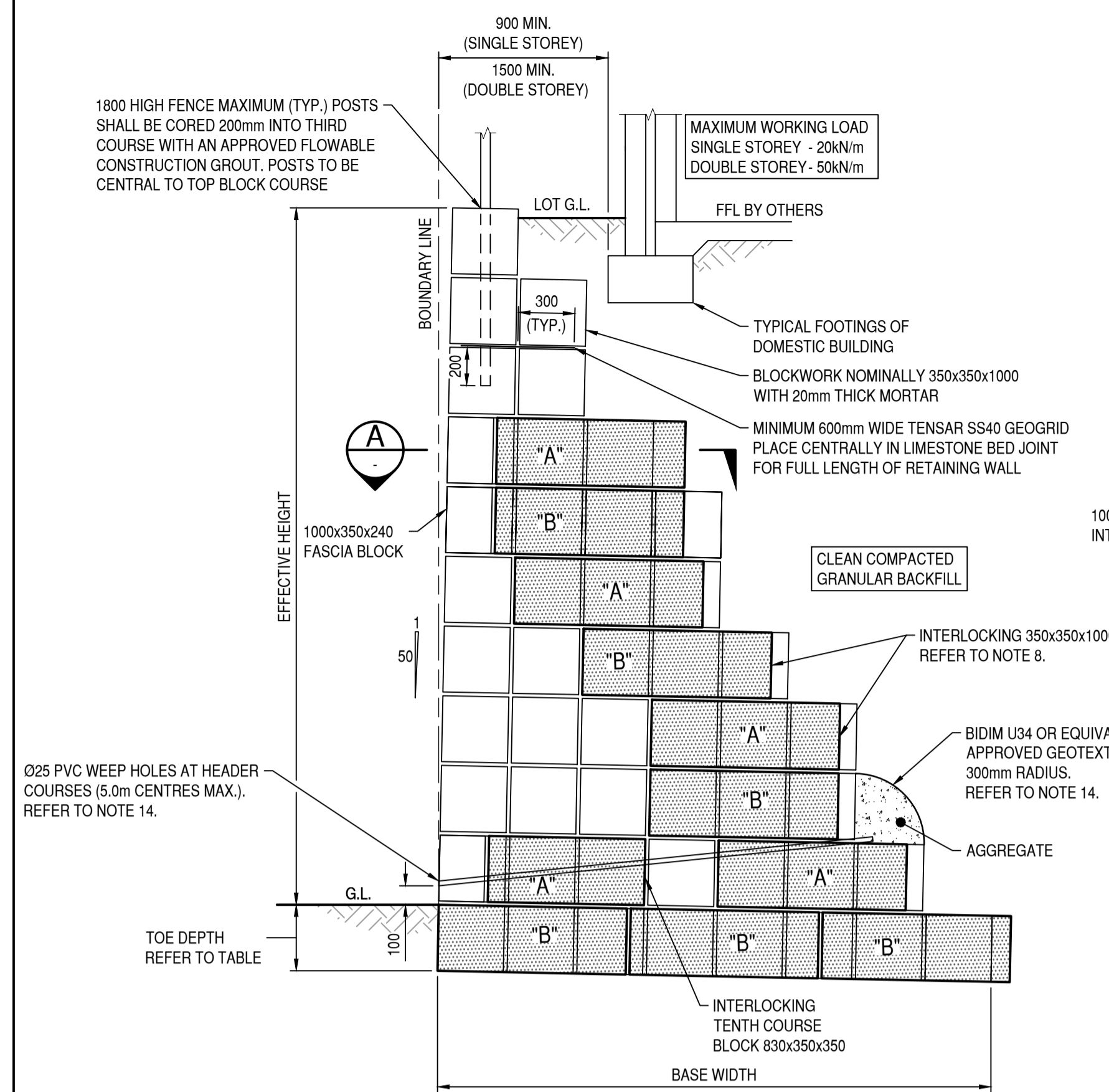


REV	DATE	DESCRIPTION	BY	CHKR	REV	DATE	DESCRIPTION	BY	CHKR
A	02/08/21	PRELIMINARY ISSUE	RH	MRi					

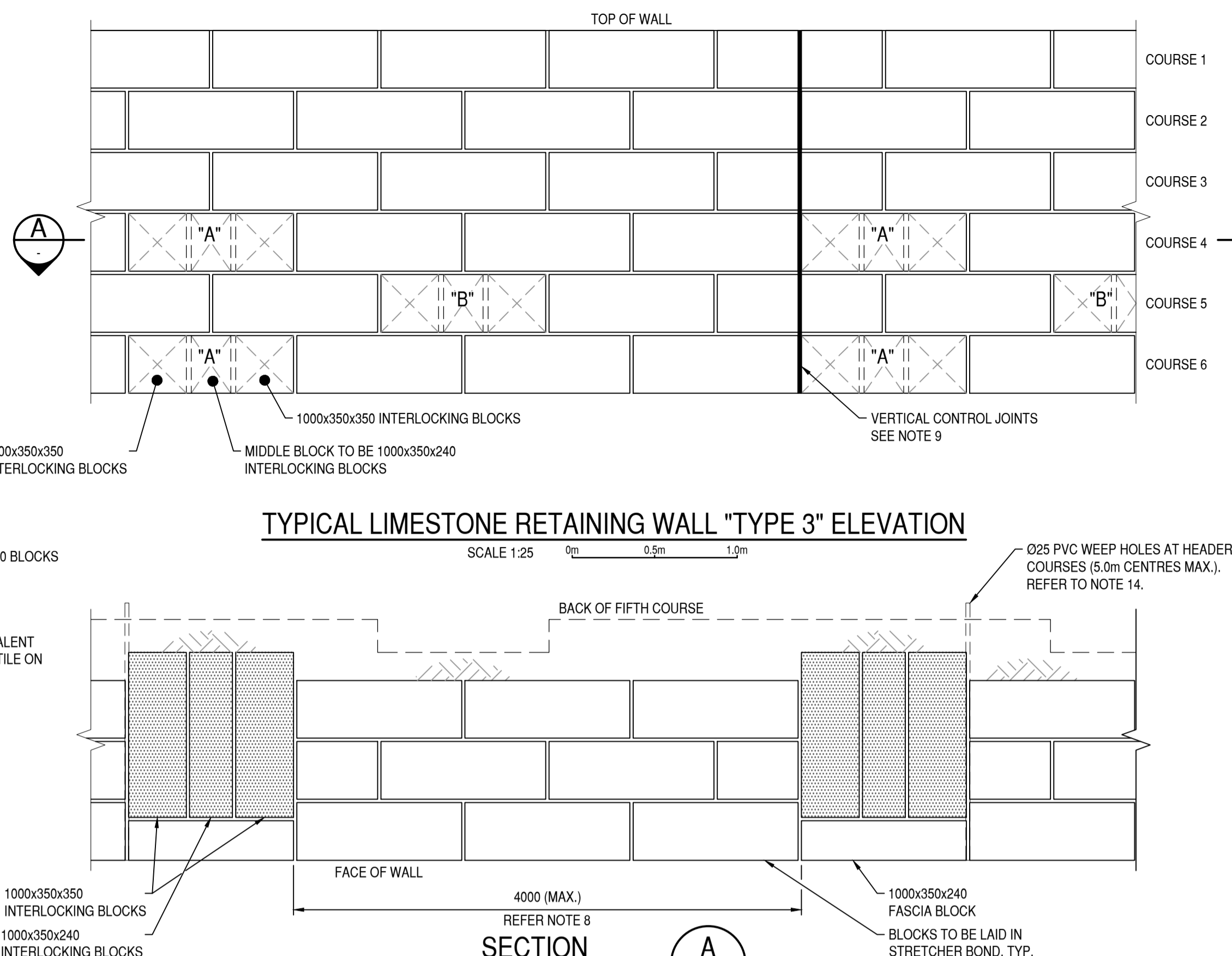


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DRAWING STATUS <b>NOT FOR CONSTRUCTION</b>				CLIENT & JOB PARCEL PROPERTY PTY LTD LOT 1 SUNLANDER DRIVE CURRAMBINE - STAGE 1	
DATE FEBRUARY 2021	GRD PCG94	DATUM AHD		TITLE STANDARD DETAILS FENCE DETAILS	
DESIGNED JS	DRAWN CJD	CHECKED JS	APPROVED MRi	SHEET SIZE A1	
W.A.P.C. 159928	SCALE (A1) AS SHOWN @	DRG No. 20224-C7-TD-15		REVISION A	



TYPICAL LIMESTONE RETAINING WALL DETAIL - TYPE 3 - CLASS "A"

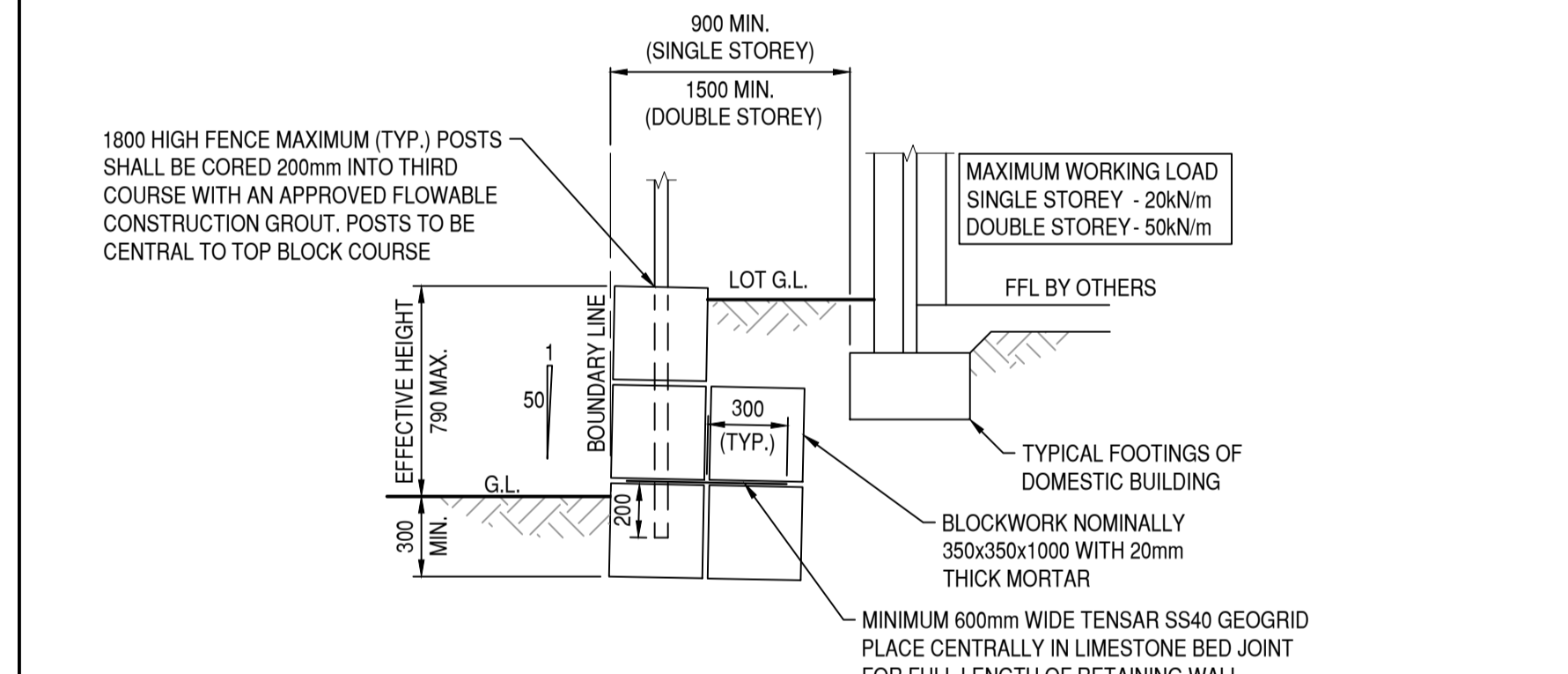


TYPICAL LIMESTONE RETAINING WALL "TYPE 3" ELEVATION

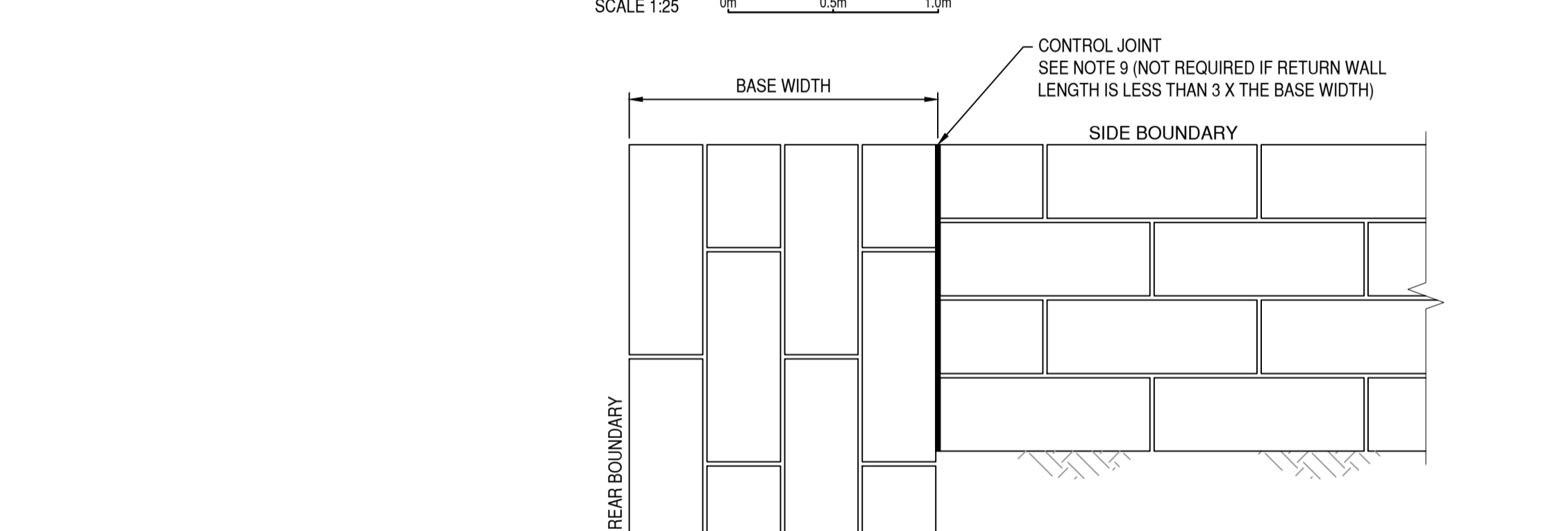
SECTION A

TYPICAL LIMESTONE RETAINING WALL HEADER LAYOUT

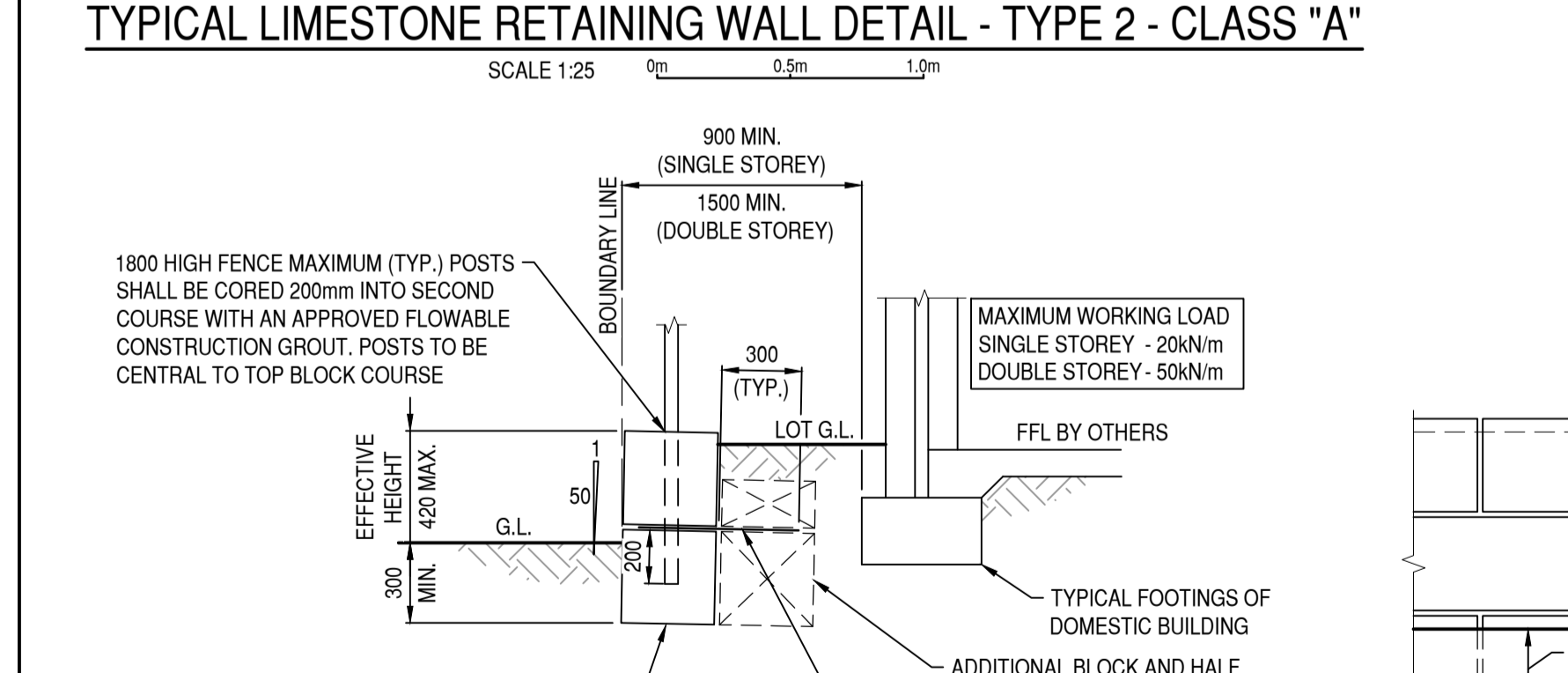
PLAN SECTION FIFTH COURSE



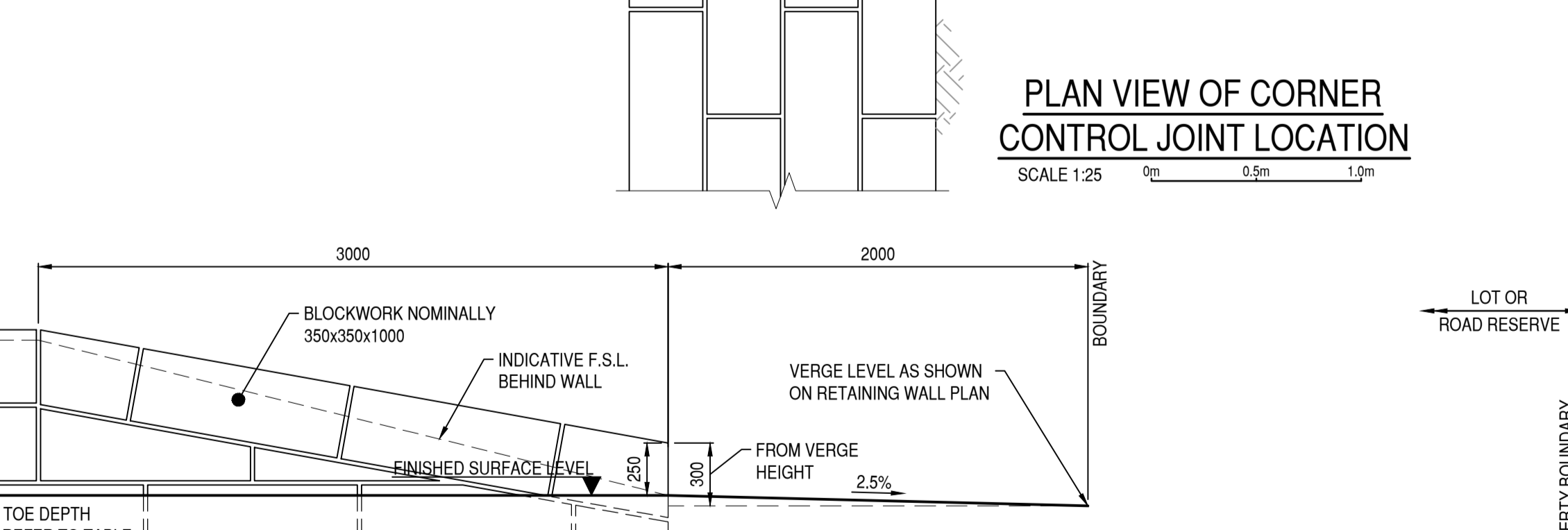
TYPICAL LIMESTONE RETAINING WALL DETAIL - TYPE 2 - CLASS "A"



PLAN VIEW OF CORNER CONTROL JOINT LOCATION



TYPICAL LIMESTONE RETAINING WALL DETAIL - TYPE 1



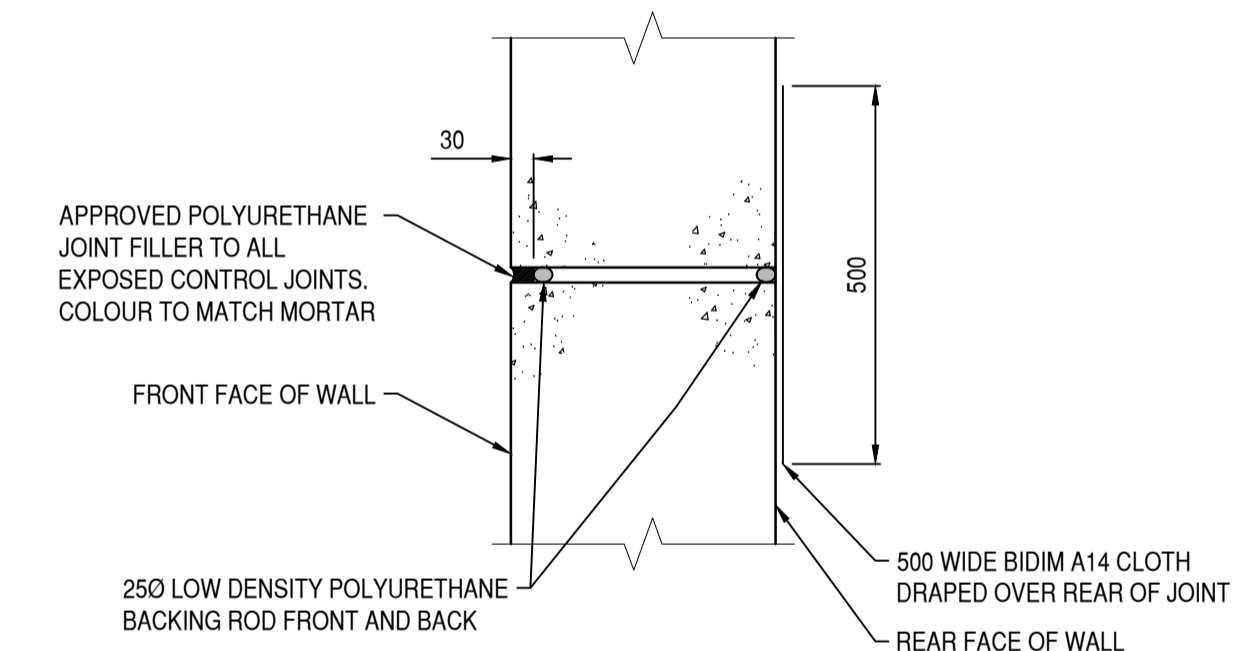
TYPICAL LIMESTONE RETAINING WALL FRONT TAPER TO SIDE BOUNDARY DETAIL

LIMESTONE RETAINING WALL AND FENCE NOTES

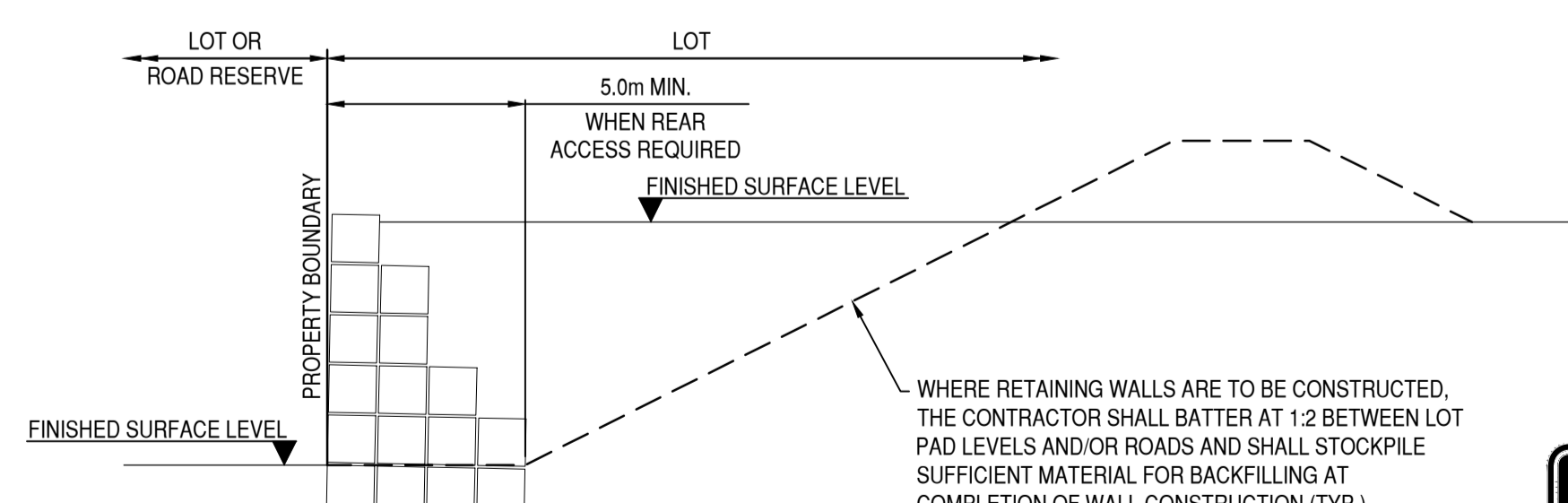
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WALL TYPE "3"

COURSES	TOTAL HEIGHT	EFFECTIVE HEIGHT RANGE	BASE WIDTH	MIN. TOE DEPTH
4	1460	790 - 1110	1090	350
5	1830	1111 - 1480	1460	350
6	2200	1481 - 1850	1460	350
7	2570	1851 - 2170	1830	400
8	2940	2171 - 2540	2200	400
9	3310	2541 - 2810	2200	500
10	3680	2811 - 3180	2570	500
11	4050	3181 - 3550	2940	500



VERTICAL CONTROL JOINT DETAIL



RETAINING WALL TEMPORARY BATTER DETAIL



REV	DATE	DESCRIPTION	BY	CHK	REV	DATE	DESCRIPTION	BY	CHK
D	02/08/21	FENCE DETAIL MOVED TO TD-15	RH	MRi					
C	01/07/21	FENCING DETAIL ADDED	RH	MRi					
B	26/05/21	ISSUED FOR TENDER	RH	MRi					
A	19/03/21	PRELIMINARY ISSUE	RH	MRi					

**PARCEL** **pritchard francis** civil and structural engineering consultants

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SPRINKLING STATUS: NOT FOR CONSTRUCTION

CLIENT & JOB: PARCEL PROPERTY PTY LTD  
LOT 1 SUNLANDER DRIVE CURRAMBINE - STAGE 1

DATE: FEBRUARY 2021  
DESIGNED: JS  
DRAWN: CJD  
CHECKED: JS  
APPROVED: MRI

GRID: PCG94  
DATUM: AHD

TITLE: STANDARD DETAILS  
RETAINING WALL DETAILS

SCALE: AS SHOWN @  
SHEET: A1  
Dwg No: 20224-C7-TD-11

REVISION: D