

GENERAL

1. Read this drawing in conjunction with architectural's and service drawings.
2. Do not scale from drawings.
3. All work to be in accordance with the Building Code of Australia and local authority requirements as well as latest revisions of the relevant Australian Standards.
4. All dimensions and site conditions to be checked on site by the builder, and the engineer notified of any discrepancies.

FOUNDATIONS

1. Foundation material shall be compacted in max 300mm layers to a minimum standard of 7 blows per 300mm on a standard Perth penetrometer. Ground must be tested to a min of 600mm below the underside of footings and slab in natural ground and for the full depth of all sand fill and have increasing number of blows per 300.
2. Foundation material shall typically be clean sand. All deleterious materials shall be removed from vicinity of slab and footings. If clay is encountered on site, the Engineer shall be consulted to make possible modifications to footings design.

CONCRETE

1. All concrete work shall comply with AS3600.
2. Premixed concrete shall have the following properties which shall be shown on all delivery dockets and test certificates.

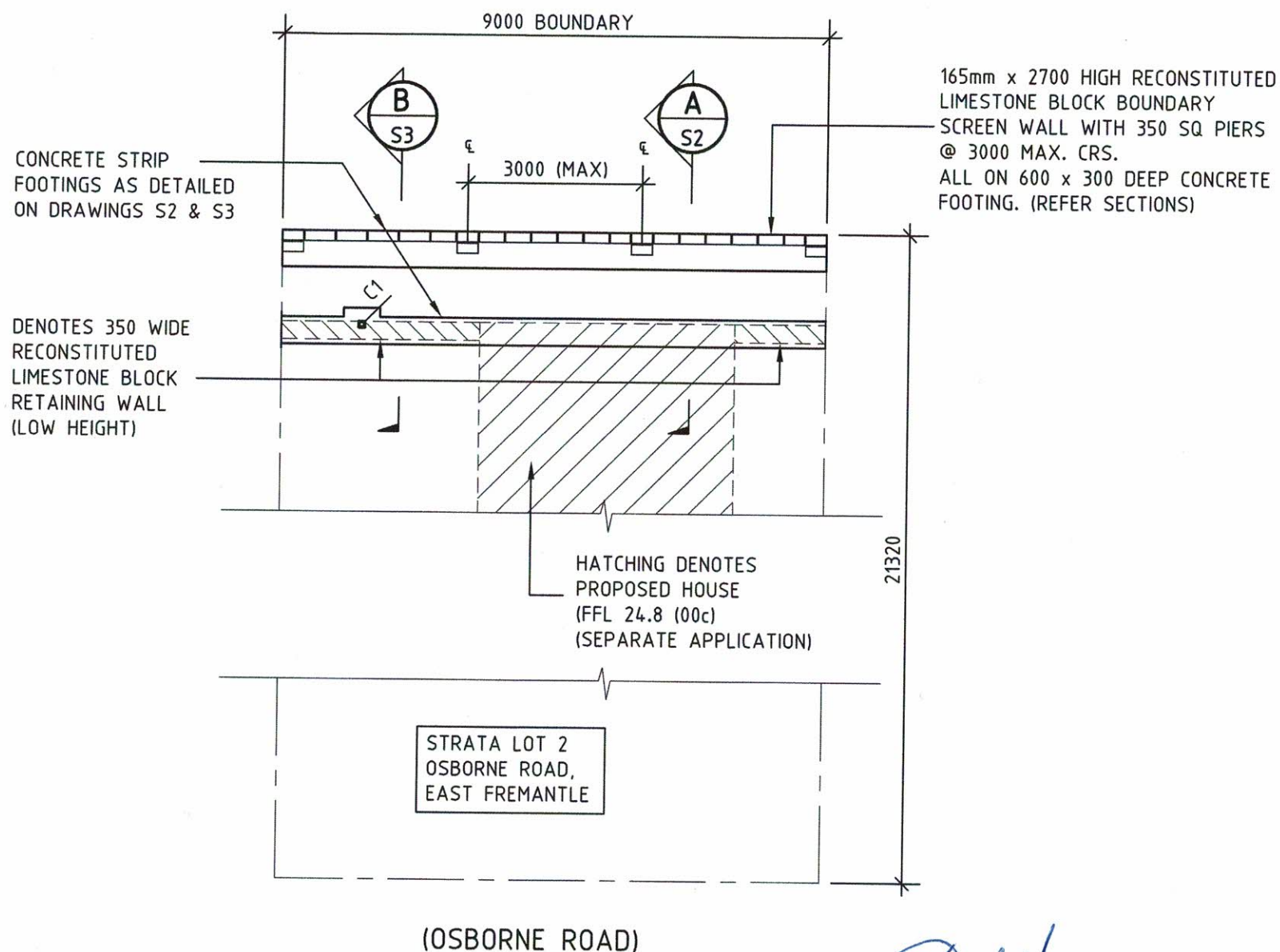
Location	F'c MPa	Max Slump	Max Aggregate
Footings	N20	80	20
3. Cover to reinforcement
Footings 65mm (BOTTOM & SIDES)
4. All concrete shall be compacted by an approved type vibrator.
5. Support all reinforcement adequately and accurately on approved chairs at 750mm maximum centers.

BRICKWORK

10. All blockwork shall be in accordance with the requirements of the AS3700 Masonry Code.
2. Mortars shall be selected for exposure conditions as defined in the BCA. General Purpose exposure (GP) shall have mortar of 1 cement : 1 lime : 6 sand mix by volume.
3. Limestone blocks are to be reconstituted limestone selected by the client.
4. Provide control joints as detailed on drawings.

SITE CLASSIFICATION NOTES

1. SITE HAS BEEN CLASSIFIED AS A CLASS 'A' SITE IN ACCORDANCE WITH AS2870 FOR FOOTING DESIGNS. FOOTING AND GROUND SLAB DESIGNS HAVE BEEN SPECIFIED ACCORDINGLY.
2. SITE HAS BEEN GIVEN AN EQUIVALENT 'N2' SITE CLASSIFICATION FOR WIND DESIGN IN ACCORDANCE WITH AS 4055. WIND LOADS HAVE BEEN DETERMINED IN ACCORDANCE WITH AS1170.2 WITH THE EQUIVALENT RATING BEING USED TO DETERMINE WIND CLASSIFICATION TO 4055 SPECIFICATION.



(PART) SITE PLAN

SCALE 1:100


COL C1 - 100 SHS (HOUSE COLUMN)
(TO FUTURE DETAILING)

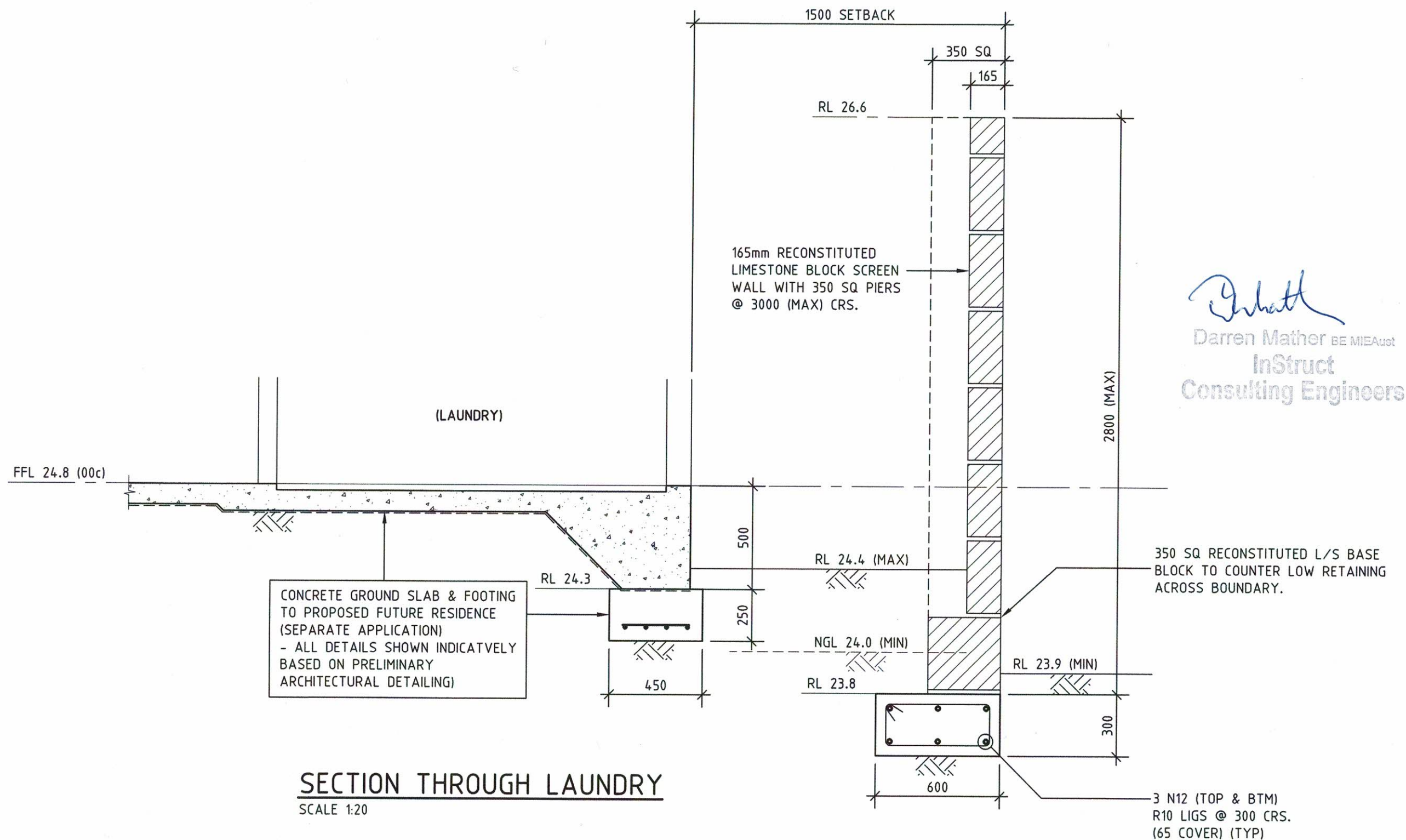
Darren Mather
Darren Mather BE MIEAust
InStruct
Consulting Engineers

UNLESS INDICATED BY REVISION 'O' OR LATER, THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION.

STRUCTURAL NOTES

SCALE 1:100 DATE JANUARY 2022 DRN DM CHK'D DM APP'D DM

02-02-2022	ISSUED FOR BUILDING APPROVAL & PRICING ISSUED FOR FINAL APPROVAL (NOT PREVIOUSLY ISSUED)	DM	C	PROJECT PROPOSED BOUNDARY WALL STRATA LOT 2, OSBORNE ROAD EAST FREMANTLE	PROJECT No 220102 S1	 East Fremantle PO Box 41, Palmyra WA 6957 Ph. 0427 943 821 CONSULTING ENGINEERS Pty Ltd. e: instruct.engineer@inet.net.au	REVISION C
01-02-2022		DM	B				
28-01-2022		DM	A				
DATE	DESCRIPTION	BY	REV.				




D. Mather
Darren Mather BE MIEAust
InStruct
Consulting Engineers

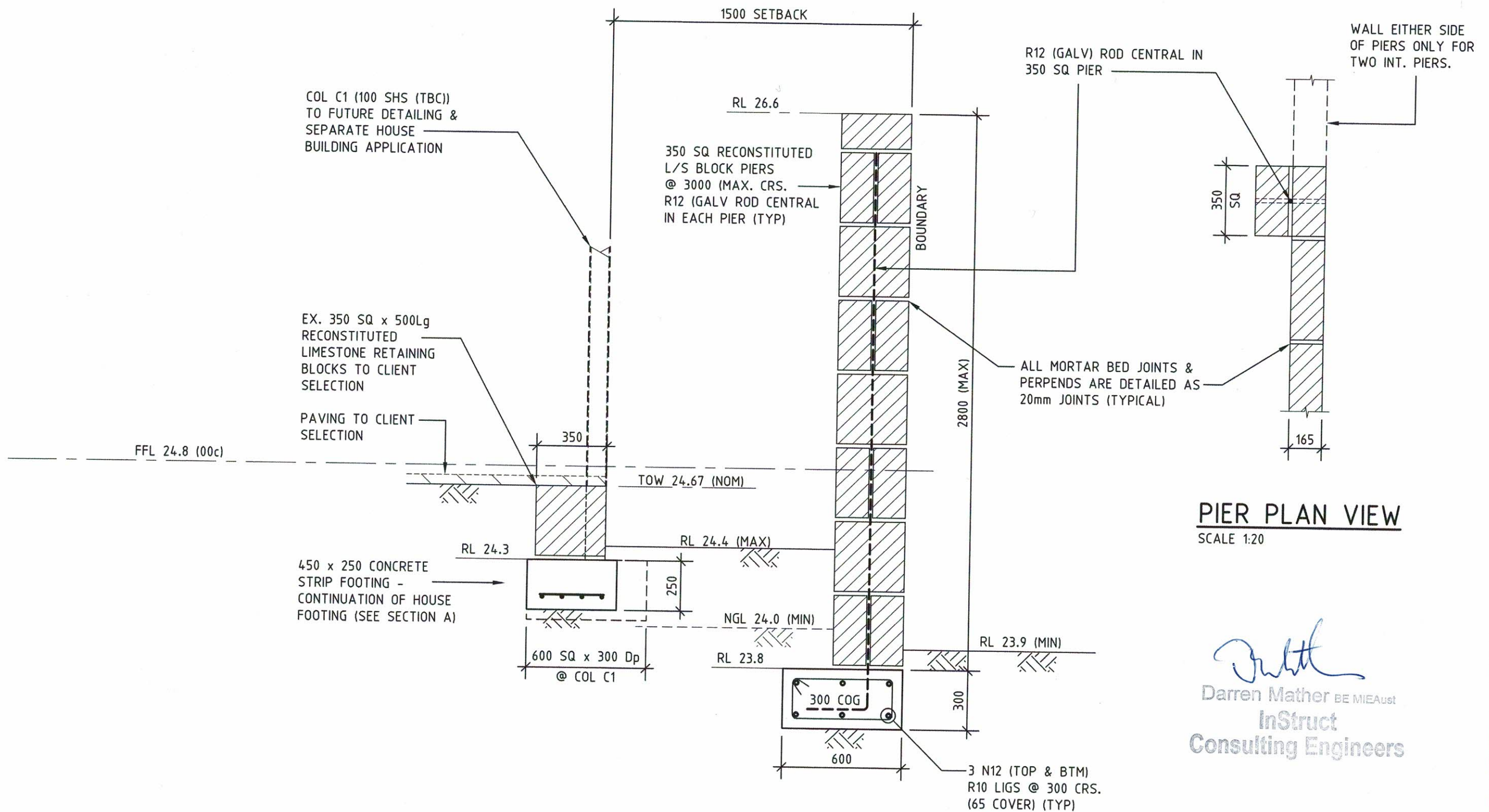
SECTION A
SCALE 1:20

UNLESS INDICATED BY REVISION '0' OR LATER, THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION.

DWG **REAR BOUNDARY WALL - SECTION A**

SCALE 1:20 DATE JANUARY 2022 DRN DM CHK'D DM APP'D DM

02-02-2022	ISSUED FOR BUILDING APPROVAL & PRICING ISSUED FOR FINAL APPROVAL ISSUED FOR INFORMATION	DM	C	PROJECT PROPOSED BOUNDARY WALL STRATA LOT 2, OSBORNE ROAD EAST FREMANTLE	PROJECT No 220102 S2	 East Fremantle PO Box 41, Palmyra WA 6957 Ph. 0427 943 821 e: instruct.engineer@iinet.net.au	REVISION C
01-02-2022		DM	B				
28-01-2022		DM	A				
DATE	DESCRIPTION	BY	REV.				



Darren Mather
Darren Mather BE MIEAust
InStruct
Consulting Engineers

UNLESS INDICATED BY REVISION 'O' OR LATER, THIS
DRAWING SHALL NOT BE USED FOR CONSTRUCTION.

DWG REAR BOUNDARY WALL - SECTION B

SCALE 1:20 DATE JANUARY 2022 DRN DM CHK'D DM APP'D DM

02-02-2022
01-02-2022
28-01-2022

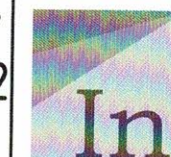
ISSUED FOR BUILDING APPROVAL & PRICING
ISSUED FOR FINAL APPROVAL
ISSUED FOR INFORMATION

DM
DM
DM

C
B
A

PROJECT
PROPOSED BOUNDARY WALL
STRATA LOT 2, OSBORNE ROAD
EAST FREMANTLE

PROJECT No
220102
S3



East Fremantle
PO Box 41, Palmyra WA 6957
Ph. 0427 943 821
CONSULTING ENGINEERS Pty Ltd. e: instruct.engineer@inet.net.au

REVISION

C

DATE DESCRIPTION BY REV.