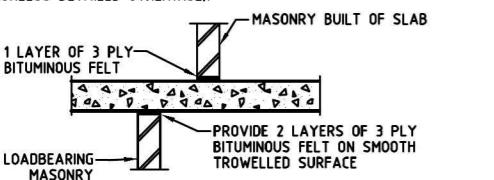


MASONRY NOTES

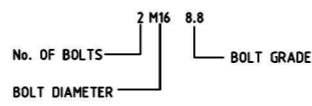
- M1 ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3700.
- M2 THE DESIGN STRENGTH OF MASONRY SHALL BE IN ACCORDANCE WITH THE MASONRY SCHEDULE SHOWN ON THIS DRAWING. MORTAR ADMIXTURES SHALL NOT BE USED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

MASONRY SCHEDULE		
ELEMENT	CHARACTERISTIC UNCONFINED COMPRESSIVE STRENGTH (MPa)	MORTAR MIX CEMENT : LIME : SAND
INFILL BLOCK WALLS	20	1 : 1 : 6
LOAD BEARING BLOCK WALLS	20	1 : 0.25 : 3
INFILL BRICK WALLS	40	1 : 1 : 6
LOAD BEARING BRICK WALLS	40	1 : 0.25 : 3

- M3 NO CHASES SHALL BE CUT INTO LOAD-BEARING MASONRY WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
- M4 MORTAR ADMIXTURES SHALL NOT BE USED WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
- M5 MORTAR JOINTS SHALL BE 10mm THICK AND HAVE A MAXIMUM TOOLED DEPTH OF 3mm UNLESS NOTED OTHERWISE.
- M6 CLEANOUT HOLES SHALL BE PROVIDED AT THE BASE OF ALL CORES OR CAVITIES WHICH ARE TO BE GROUTED OR FILLED
- M7 GROUT FOR BOND BEAMS, CORE FILLING OR CAVITY FILLING SHALL COMPRISE OF 1 PART CEMENT, 0.25 PART LIME, 3 PARTS 10mm AGGREGATE UNLESS NOTED OTHERWISE ON THE DRAWINGS. MAXIMUM SLUMP TO BE 230mm
- M8 CORES AND CAVITIES SHALL BE FILLED IN 1000mm MAXIMUM LIFTS WHERE REQUIRED WITH A CONCRETE STRENGTH, $f'_{c} = 20$ MPa.
- M9 WALL TIES SHALL BE PROVIDED AT 600mm MAXIMUM CENTRES HORIZONTALLY AND VERTICALLY AND CONSIST OF 3.1mm DIA. STAINLESS STEEL WIRE UNLESS NOTED OTHERWISE ON THE DRAWINGS OR IN THE SPECIFICATION.
- M10 REINFORCING STEEL SHALL BE SECURELY FIXED IN POSITION BEFORE GROUTING.
- M11 GROUT SHALL BE THOROUGHLY COMPACTED USING A PLAIN BAR.
- M12 ALL MORTAR OBSTRUCTIONS IN CORES OR CAVITIES SHALL BE REMOVED PRIOR TO GROUTING. THIS MAY BE DONE USING A ROD FROM THE TOP OF THE WALL. ALL MORTAR THUS REMOVED SHALL BE CLEANED FROM THE BOTTOM OF THE WALL BEFORE THE CLEAN OUT HOLES ARE CLOSED FOR GROUTING.
- M13 CONTROL JOINTS SHALL BE PLACED IN ALL MASONRY WALLS AT 4000mm MAX. CENTRES VERTICALLY AND 8000mm MAX. CENTRES HORIZONTALLY AT LOCATIONS AS SHOWN ON THE ARCHITECTURAL DRAWINGS AND AT LOCATIONS LISTED BELOW:
 - (a) AT MAJOR CHANGES IN WALL HEIGHT
 - (b) AT CHANGES IN WALL THICKNESS OTHER THAN FOR PIERS AND BUTTRESSES
 - (c) AT CONTROL JOINTS IN FOOTING, FLOOR SLABS AND ROOF SLABS.
 - (d) AT CHASES AND RECESSES FOR PIPES, COLUMNS, FIXTURES ETC.
 - (e) AT ONE OR BOTH SIDES OF WALL OPENING
 - (f) NEAR WALL INTERSECTIONS
 - (g) NEAR RETURN ANGLES IN "L", "T" AND "U" SHAPED STRUCTURES. THE BUILDER SHALL SUBMIT TO THE ENGINEER DRAWINGS OF PROPOSED CONTROL JOINT LOCATIONS AND LAYOUT FOR REVIEW AND COMMENT PRIOR TO START OF LAYING BLOCKS/BRICKS.
- M14 REINFORCED CONCRETE BLOCKWORK SHALL COMPLY WITH THE ABOVE AND THE FOLLOWING, UNLESS NOTED OTHERWISE:
 - (a) BLOCKS SHALL BE STRENGTH GRADE 20
 - (b) MORTAR SHALL COMPRISE 1 CEMENT : 0.25 LIME : 2 SAND
 - (c) PROVIDE CLEANOUT HOLES AT BASE OF ALL WALLS AND ROD CORE HOLES
 - (d) CORE FILLING GROUT TO BE $f'_{c} = 20$ MPa, 10mm AGGREGATE, 230 SLUMP IN LIFTS OF NOT MORE THAN 1200mm
 - (e) 65mm COVER TO REINFORCEMENT FROM THE OUTSIDE OF THE BLOCKWORK
- M15 FOR AREAS OF THE STRUCTURAL FLOOR SYSTEM WHICH SUPPORT NON-LOADBEARING MASONRY WALL PARTITIONS OR OTHER SENSITIVE ATTACHMENTS AT THE INITIAL DESIGN, THE FLOOR HAS BEEN DESIGNED FOR NOT LESS THAN THE REQUIREMENTS OF AS 3600 TABLE 2.3.2. "WHERE PROVISION IS MADE TO MINIMISE THE EFFECT OF MOVEMENT" GENERIC JOINT DETAILS ARE INDICATED ON THESE DRAWINGS FOR INFORMATION, BUT IT IS THE ARCHITECT'S RESPONSIBILITY TO IDENTIFY JOINT LOCATIONS AND TIES WHERE APPROPRIATE ON ARCHITECTURAL DRAWING, AND TO PROVIDE DETAILS FOR NON-STANDARD ELEMENTS TO ACCOMMODATE ANTICIPATED MOVEMENTS.
- M16 OBSERVATION OF CONSTRUCTION OF NON-LOADING MASONRY WALLS/ PARTITIONS AND OTHER NON-LOADBEARING ELEMENT IS NOT INCLUDED IN THE STRUCTURAL ENGINEER'S SCOPE OF WORK.
- M17 MASONRY IS NOT TO BE ERRECTED OFF SUSPENDED WORK UNTIL FORMWORK AND FALSEWORK SYSTEMS PROVIDING SUPPORT HAVE BEEN REMOVED.
- M18 ALL MASONRY IS TO BE FIXED TO ADJOINING CONCRETE AND/OR STEEL SUPPORTING MEMBERS BY MFA 3/3 MASONRY ANCHORS (OR EQUIV) AT 600 MAX. CENTRES VERTICALLY AND MFA 4/M MASONRY ANCHORS (OR EQUIV) AT 1000 MAX. CENTRES HORIZONTALLY UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- M19 MASONRY ANCHORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
- M20 HORIZONTAL JOINTS FOR LOAD BEARING WALLS AT CONCRETE SLABS UNLESS DETAILED OTHERWISE:
 
- M21 WHERE WALLS ARE NON-LOAD BEARING AT EITHER HORIZONTAL OR VERTICAL FACES, THEY SHALL BE SEPARATED FROM THE CONCRETE BY 12mm THICK 'CANEITE' OR EXPANDED POLYSTYRENE U.N.O.
- M22 A 300mm WIDE STRIP OF COARSE GRAINED MATERIAL IS TO BE PLACED BEHIND ALL RETAINING WALLS.
- M23 NON-LOAD BEARING MASONRY WALLS ARE TO BE KEPT TO A MINIMUM OF 15mm CLEAR FROM SOFFIT OF BEAMS/SLABS OVER. IF THE WALL SERVES AS A FIRE SEPARATING WALLS, THEN THE 15mm GAP SHALL BE FILLED WITH AN APPROVED FIRE RATED FLEXIBLE SEALANT.

STRUCTURAL STEEL NOTES

- S1 ALL MATERIALS, WORKMANSHIP, FABRICATION AND ERECTION SHALL COMPLY WITH THE REQUIREMENTS OF AS4100, AS1538, AS1554.
- S2 UNLESS SHOWN OTHERWISE, ALL STEEL SHALL BE IN ACCORDANCE WITH AS3679 GRADE 300. ALL STEEL HOLLOW SECTIONS SHALL BE GRADE 350 IN ACCORDANCE WITH AS1163.
- S3 UNLESS SHOWN OTHERWISE ON THE DRAWINGS, ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH THE FOLLOWING MINIMUM REQUIREMENTS:
 - (i) ALL WELDS SHALL BE 6mm CONTINUOUS FILLET WELD ALL ROUND.
 - (ii) ALL BOLTS SHALL BE M20-8.8/5, WITH A MINIMUM OF 2 BOLTS PER CONNECTION.
 - (iii) ALL GUSSET AND CLEAT PLATES SHALL BE 10mm THICK.
 - (iv) ALL CAP PLATES SHALL BE 12mm THICK.
 - (v) ALL BASE PLATES SHALL BE 20mm THICK.
- S4 PROVIDE SEAL PLATES TO ALL HOLLOW SECTIONS WITH "BREATHER" HOLES IF MEMBERS ARE TO BE HOT DIP GALVANISED.
- S5 BOLT DESIGNATION:
 - 4. 6/S REFERS TO COMMERCIAL BOLTS OF STRENGTH GRADE 4.6 TO AS1111 TIGHTENED TO A SNUG TIGHT CONDITION.
 - 8.8/S REFERS TO HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS1252 TIGHTENED TO A SNUG TIGHT CONDITION.
 - 8.8/TB REFERS TO HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS1252 FULLY TENSIONED TO A BEARING JOINT.
 - 8.8/TF REFERS TO HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS1252 FULLY TENSIONED TO AS4100 AS A FRICTION JOINT.



- S6 HIGH STRENGTH BOLTED JOINTS SHALL BE IN ACCORDANCE WITH AS4100. THE SPECIFIED BOLT TENSION SHALL BE OBTAINED BY THE USE OF THE "PART TURN" METHOD OF TIGHTENING.
- S7 BOLTS HOLES IN STEEL TO STEEL AND STEEL TO CONCRETE CONNECTIONS SHALL BE BOLT DIAMETER PLUS 2mm AND PLUS 4mm RESPECTIVELY. FOR BASE PLATES ALLOW BOLT DIAMETER PLUS 6mm.
- S8 AFTER TIGHTENING, EXPOSED FACES OF NUTS, BOLTS AND WASHERS SHALL BE PREPARED AND COATED AS SPECIFIED OR AS FOR THE ADJACENT WORK.
- S9 ALL HOLDING DOWN BOLTS SHALL BE EITHER COMMERCIAL BOLTS OR BE MADE FROM MILD STEEL BARS WITH A MINIMUM f_{sy} OF 230 MPa.
- S10 ALL MEMBERS SHALL BE SUPPLIED IN SINGLE LENGTHS. SPLICES SHALL ONLY BE PERMITTED IN LOCATIONS SHOWN ON THE STRUCTURAL DRAWINGS.
- S11 ALL EXPOSED STEELWORK, INCLUDING BOLTS, NUTS AND WASHERS E.T.C. SHALL BE HOT DIPPED GALVANISED.
- S12 ALL WELDS SHALL BE SP (SPECIAL PURPOSE) IN ACCORDANCE WITH AS1554. ALL BUTT WELDS SHALL BE FULL STRENGTH COMPLETE PENETRATION WELDS. ALL ELECTRODES SHALL BE CLASS E48.
- S13 SUBSTITUTIONS FOR STEEL SECTIONS SHOWN ON DRAWINGS SHALL NOT BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
- S14 ALL STEELWORK BELOW GROUND OR FINISHED SURFACE LEVEL IS TO BE ENCASED IN 75mm MIN. CONCRETE ALL ROUND.
- S15 CONCRETE ENCASED STRUCTURAL STEELWORK TO BE ENCLOSED BY SL41 MESH PLACED CENTRALLY WITHIN ENCASEMENT. CONCRETE ENCASEMENT TO BE 50mm MIN UNLESS NOTED OTHERWISE ON THE DRAWINGS. COVER TO MESH = 20mm MIN., MAX. AGGREGATE SIZE = 10mm, CONCRETE $f'_{c} = 25$ MPa.
- S16 ALL STEELWORK, EXCEPT THAT WHICH IS TO BE CONCRETE ENCASED, FIRE SPRAYED OR CONTACT SURFACES OF FRICTION TYPE JOINTS, SHALL BE SURFACE CLEANED AND PAINTED IN ACCORDANCE WITH THE SPECIFICATION.
- S17 STEELWORK THAT IS CONCRETE ENCASED, FIRESPRAYED OR FACING SURFACES OF FRICTION TYPE JOINTS SHALL BE LEFT UNPAINTED AND FREE FROM SCALE.
- S18 THE CONTRACTOR SHALL PROVIDE ALL CLEATS AND DRILL ALL HOLES NECESSARY FOR FIXING STEEL, TIMBER AND OTHER ELEMENTS TO THE STEEL WHETHER OR NOT DETAILED ON THE STRUCTURAL DRAWINGS.
- S19 STUDS ABUTTING COLUMNS SHALL BE GUN FIXED AT 300 MAX. CENTRES AND COLUMN FACES ABUTTING BRICKWORK SHALL HAVE APPROVED FRAME TIES GUN FIXED TO THEM AT 3 COURSE CENTRES FOR BUILDING INTO BED JOINTS.
- S20 THE FABRICATION AND ERECTION OF THE STRUCTURAL STEELWORK SHALL BE SUPERVISED BY QUALIFIED PERSONNEL EXPERIENCED IN SUCH SUPERVISION TO ENSURE THAT ALL REQUIREMENTS OF THE DESIGN ARE MET. DETAILS OF ERECTION SEQUENCE SHALL BE SUBMITTED TO THE DESIGN ENGINEER FOR REVIEW PRIOR TO ERECTION. THE APPROVED ERECTION SEQUENCE SHALL NOT BE VARIED DURING THE ERECTION PROCESS WITHOUT THE APPROVAL OF THE DESIGN ENGINEER. ALL STEELWORK SHALL BE SECURELY TEMPORARILY BRACED BY THE ERECTOR AS NECESSARY TO STABILISE THE STRUCTURE DURING ERECTION.
- S21 COLUMNS AND MULLIONS SHALL HAVE THEIR BASE PLATES FULLY GROUTED IN ACCORDANCE WITH THE SPECIFICATIONS AFTER PLUMBING AND LEVELLING ON STEEL PACKERS.
- S22 ALL RAFTERS AND BEAMS OVER 6000mm IN LENGTH SHALL BE CAMBERED 5mm FOR EVERY 2000mm OF LENGTH UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- S23 THREE SETS OF STEELWORK SHOP DETAIL DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF ANY FABRICATION. THE REVIEW SHALL NOT COVER LAYOUT AND MEMBER DIMENSIONS. FABRICATION SHALL NOT COMMENCE UNTIL APPROVAL HAS BEEN RECEIVED.
- S24 UNLESS SPECIFIED OTHERWISE, STEELWORK SHALL BE PREPARED TO CLASS 2.5 FINISH IN ACCORDANCE WITH AS1627. 4 AND GIVEN TWO (2) COATS OF ZINC PHOSPHATE TO A TOTAL DRY FILM THICKNESS OF 70 MICRONS.
- S25 PROVIDE ADDITIONAL TRIMMERS NECESSARY TO SUPPORT THE EDGE OF THE ROOF SHEET, FLASHING AND GUTTERS WITH C100-10 OR SIMILAR PARTICULARLY AT OBLIQUELY TRIMMING CLADDING.

TIMBER NOTES

- T1 ALL TIMBER MATERIALS, WORKMANSHIP AND PRACTICE SHALL BE IN ACCORDANCE WITH THE TIMBER ENGINEERING STANDARD AS 1720 AND THE TIMBER FRAMING STANDARD AS 1684. ALL LINTELS, BEAMS ETC. NECESSARY FOR THE PROPER SUPPORT OF ROOF FRAMING SHALL BE PROVIDED EITHER AS SHOWN ON THE DRAWINGS OR AS REQUIRED IN ACCORDANCE WITH AS 1684.
- T2 ALL TIMBER SHALL BE IN ACCORDANCE WITH THE STRESS GRADE NOMINATED ON THE DRAWINGS AND SHALL BE FREE OF DEFECTS, SPLITS, ROT ETC. THE ENGINEER RESERVES THE RIGHT TO REJECT UNSUITABLE TIMBER.
- T3 UNLESS OTHERWISE NOTED, SOFTWOOD IS TO BE MINIMUM STRESS GRADE F7 AND HARDWOOD IS TO BE MINIMUM STRESS GRADE F14. SUBMIT SUPPLIERS CERTIFICATE AS TO STRESS GRADE OF TIMBER MEMBERS. ALL TIMBER SHALL BE BRANDED.
- T4 ALL TIMBER MEMBERS SHALL BE SOLID AND OF THE SIZES INDICATED ON THE DRAWINGS AND SHALL BE STRESS GRADED AND LABELLED ACCORDINGLY. SPLICED OR LAMINATED TIMBER MAY BE USED ONLY WHERE APPROVED BY THE ENGINEER.
- T5 MEMBERS INDICATED AS 'SD' (SEASON DRIED) SHALL HAVE A MOISTURE CONTENT LESS THAN 15%. TIMBER WITH A MOISTURE CONTENT GREATER THAN 15% SHALL NOT BE SUBSTITUTED FOR TIMBER INDICATED AS 'SD'.
- T6 TIMBER TRUSSES:
 - (a) TIMBER TRUSSES SHALL BE PROPRIETARY TRUSSES DESIGNED AND MANUFACTURED USING PRESSED METAL CONNECTOR PLATES ("MITEK" OR SIMILAR). TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER FOR THE CONDITIONS LISTED BELOW, AND IN ACCORDANCE WITH THE SPECIFICATIONS AND REQUIREMENTS NOTED ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS. THE BUILDER SHALL BE RESPONSIBLE FOR THE MANUFACTURE, SUPPLY AND ERECTION OF TIMBER TRUSSES, AND FOR ALL NECESSARY TEMPORARY WORKS TO ENSURE THAT THE TRUSSES ARE CORRECTLY LOCATED, SUPPORTED AND PLUMBED PRIOR TO THE FINAL CONNECTIONS BEING MADE.
 - (b) TRUSSES SHALL NOT BE CUT OR ALTERED IN ANY WAY, AND ARE TO BE SUPPORTED AT THE POINTS NOMINATED ON THE STRUCTURAL DRAWINGS.
 - (c) PRESSED METAL CONNECTOR PLATES SHALL BE INSTALLED ON BOTH SIDES OF THE TIMBER TRUSSES.
 - (d) WORKSHOP DRAWINGS SHOWING GIRDER TRUSSES AND PLATES ACCURATELY LOCATED SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. REVIEW IS FOR MEMBER-SIZES AND APPLICATION OF DETAIL AND DOES NOT INCLUDE CHECKING OF DIMENSIONS.
 - (e) TRUSSES SHALL BE SLUNG FROM PANEL POINTS ONLY.
- T7 ALL BOLTED TIMBER CONNECTIONS SHALL BE MADE WITH M16 BOLTS UNLESS NOTED OTHERWISE. BOLT HOLES SHALL BE DRILLED EXACT SIZE. MILD STEEL WASHERS SHALL BE PLACED UNDER THE HEAD AND NUT IN ACCORDANCE WITH THE TABLE BELOW:

WASHER SIZE:
 50 x 50 x 3mm - BOLTS UP TO M12
 65 x 65 x 5mm - M16, M20 BOLTS
 75 x 75 x 5mm - BOLTS GREATER THAN M20

 ALL EXPOSED BOLTS AND FITTINGS SHALL BE HOT-DIP GALVANIZED.
- T8 ALL BOLTS SHALL BE RE-TIGHTENED AT THE COMPLETION OF THE CONTRACT AND AGAIN AT THE END OF THE MAINTENANCE PERIOD. BOLTS WHICH ARE INACCESSIBLE AT THE COMPLETION OF THE STRUCTURAL WORKS SHALL BE RETIGHTENED IMMEDIATELY BEFORE BEING BUILT-IN.
- T9 ALL TIMBER JOINTS AND NOTCHES ARE TO BE 100mm MINIMUM AWAY FROM LOOSE KNOTS, SEVERELY SLOPING GRAIN, GUM VEINS OR OTHER MINOR DEFECTS.
- T10 THE STRUCTURAL DRAWINGS ARE DEEMED TO PROVIDE FOR ALL NECESSARY MAJOR STRUCTURAL TIMBER AND CONNECTIONS. MINOR NON-STRUCTURAL ITEMS SUCH AS TRIMMERS, CLEATS AND OTHER ITEMS AS SHOWN ON THE ARCHITECTURAL DRAWINGS, BUT NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE ALLOWED FOR BY THE CONTRACTOR IN HIS TENDER PRICE, AND DETAILED AT THE SHOP DRAWING STAGE IF REQUIRED.

BRICKWORK LINTEL SCHEDULE:

HEIGHT OF BRICKWORK ABOVE LINTEL	CLEAR SPAN OF OPENING							FOR SPANS GREATER THAN 3000 CONSULT THE STRUCTURAL ENGINEER
	1200	1500	1800	2100	2400	2700	3000	
500	75x100x6 UA	75x100x6 UA	75x100x6 UA	75x100x6 UA	100x100x6 EA	100x100x6 EA	150x90x8 UA	
1000	75x100x6 UA	75x100x6 UA	75x100x6 UA	100x100x6 EA	100x100x6 EA	100x100x6 EA	150x90x8 UA	
1500	75x100x6 UA	75x100x6 UA	100x100x6 EA	100x100x6 EA	100x100x6 EA	150x90x8 UA	150x100x10 UA	
2000	75x100x6 UA	100x100x6 EA	100x100x6 EA	100x100x6 EA	150x90x8 UA	150x90x8 UA	150x100x10 UA	
2500	75x100x6 UA	100x100x6 EA	100x100x6 EA	100x100x6 EA	150x90x8 UA	150x90x8 UA		
3000	75x100x6 UA	100x100x6 EA	100x100x6 EA	100x100x6 EA	150x90x8 UA	150x100x10 UA		

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A 13/03/19	PRELIMINARY

Project PROPOSED ALTERATIONS AND ADDITIONS AT 1158-1160 CASTLEREAGH ROAD CASTLEREAGH

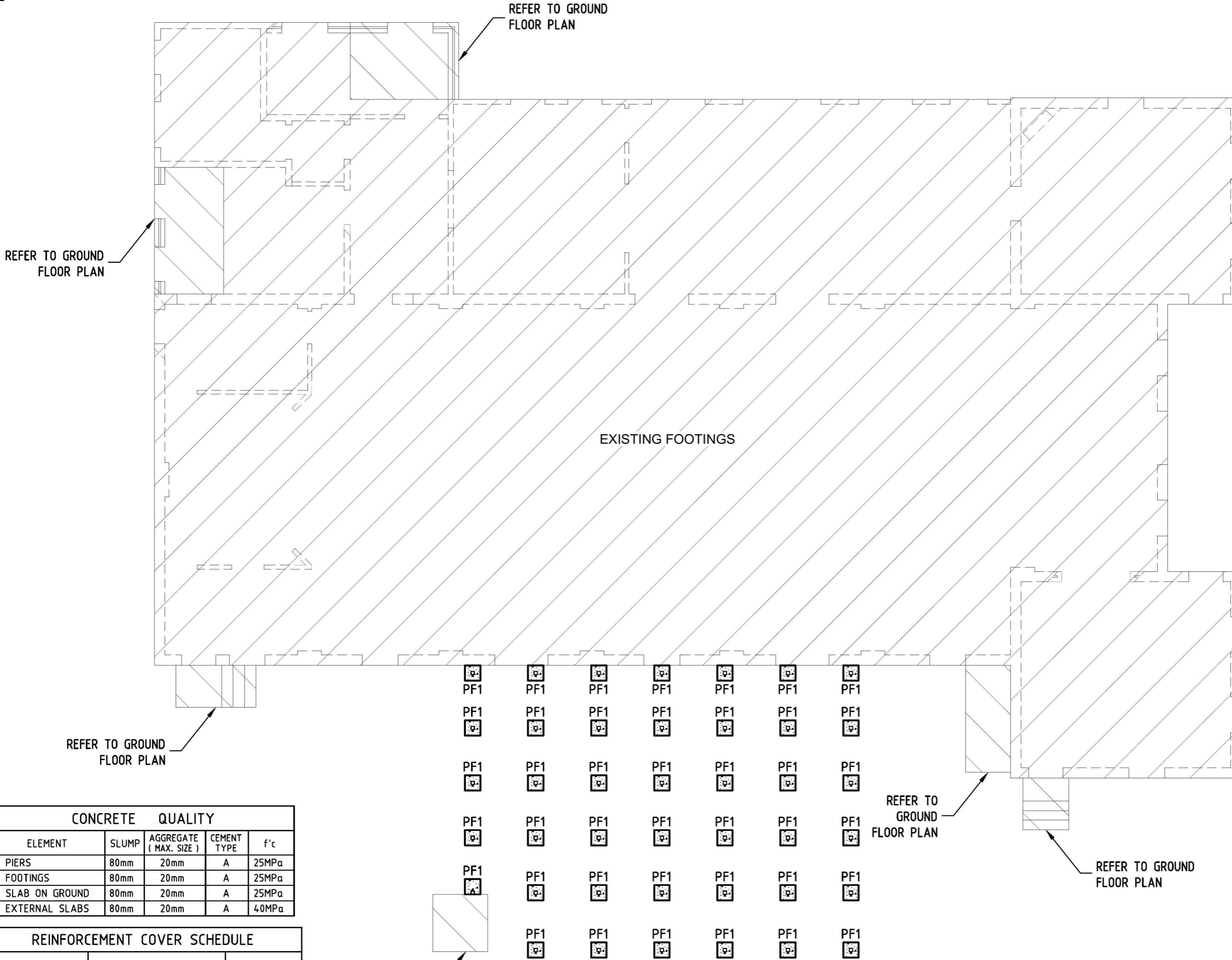
Client PENRITH CITY COUNCIL

Sheet Title CONSTRUCTION NOTES (SHEET 2 OF 2)

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North	Designed A.J.P.	Drawn A.J.P.	Date 13/03/19
Checked A.J.P.	Scale 1:100 @ A3 U.N.O.		
Job No 19PE1839	Drawing No 50102	Issue B	



Revisions	
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CONCRETE QUALITY				
ELEMENT	SLUMP	AGGREGATE (MAX. SIZE)	CEMENT TYPE	f _c
PIERS	80mm	20mm	A	25MPa
FOOTINGS	80mm	20mm	A	25MPa
SLAB ON GROUND	80mm	20mm	A	25MPa
EXTERNAL SLABS	80mm	20mm	A	40MPa

REINFORCEMENT COVER SCHEDULE				
MEMBER	COVER (mm)			EXPOSURE CLASSIFICATION
	TOP	BOTTOM	SIDES	
PIERS	50mm	50mm	50mm	A1
FOOTINGS	50mm	50mm	50mm	A1
SLAB ON GROUND	30mm	30mm	30mm	A1
EXTERNAL SLABS	40mm	40mm	40mm	B1

REFER TO GROUND FLOOR PLAN

FOOTING PLAN

SCALE 1:100
 (REFER TO DRAWING S0302 FOR PAD FOOTING DETAIL)

Project PROPOSED ALTERATIONS AND ADDITIONS AT 1158-1160 CASTLEREAGH ROAD CASTLEREAGH

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Sheet Title FOOTING PLAN

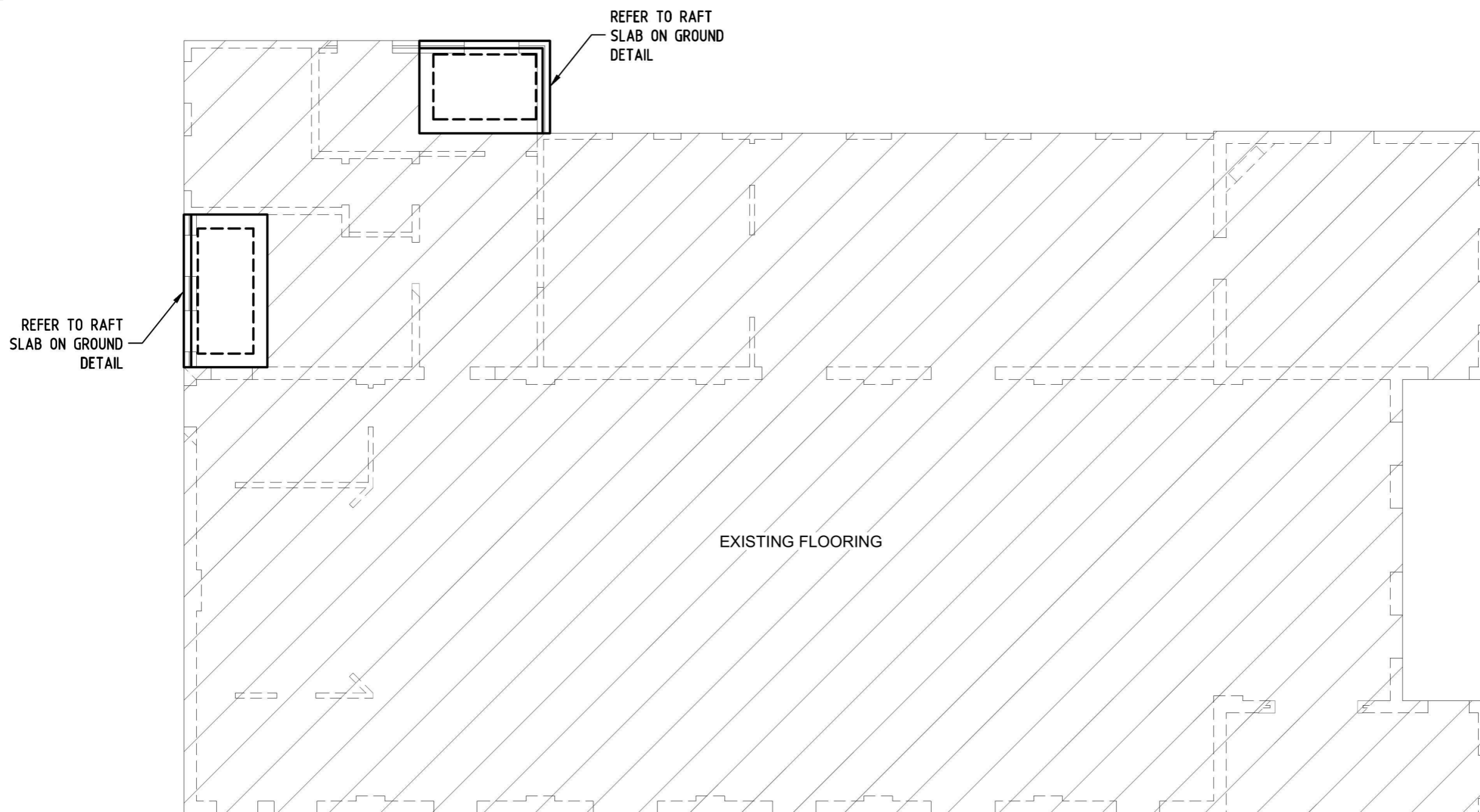
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Checked	Scale			
A.J.P.	1:100 @ A3 U.N.O.			
Job No	Drawing No	Issue		
19PE1839	S0201	B		

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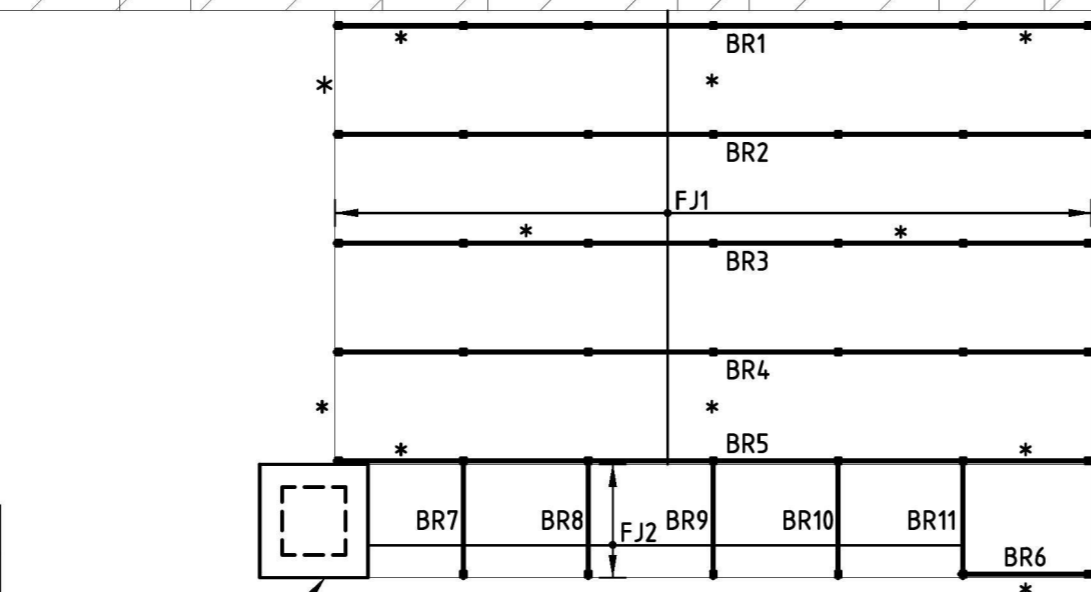
Project PROPOSED ALTERATIONS AND ADDITIONS AT
1158-1160 CASTLEREAGH ROAD
CASTLEREAGH

Client PENRITH CITY COUNCIL

Sheet Title
GROUND FLOOR PLAN

CONCRETE QUALITY				
ELEMENT	SLUMP	AGGREGATE (MAX. SIZE)	CEMENT TYPE	f'c
PIERS	80mm	20mm	A	25MPa
FOOTINGS	80mm	20mm	A	25MPa
SLAB ON GROUND	80mm	20mm	A	25MPa
EXTERNAL SLABS	80mm	20mm	A	40MPa

REINFORCEMENT COVER SCHEDULE				
MEMBER	COVER (mm)			EXPOSURE CLASSIFICATION
	TOP	BOTTOM	SIDES	
PIERS	50mm	50mm	50mm	A1
FOOTINGS	50mm	50mm	50mm	A1
SLAB ON GROUND	30mm	30mm	30mm	A1
EXTERNAL SLABS	40mm	40mm	40mm	B1



GROUND FLOOR PLAN

SCALE 1:100

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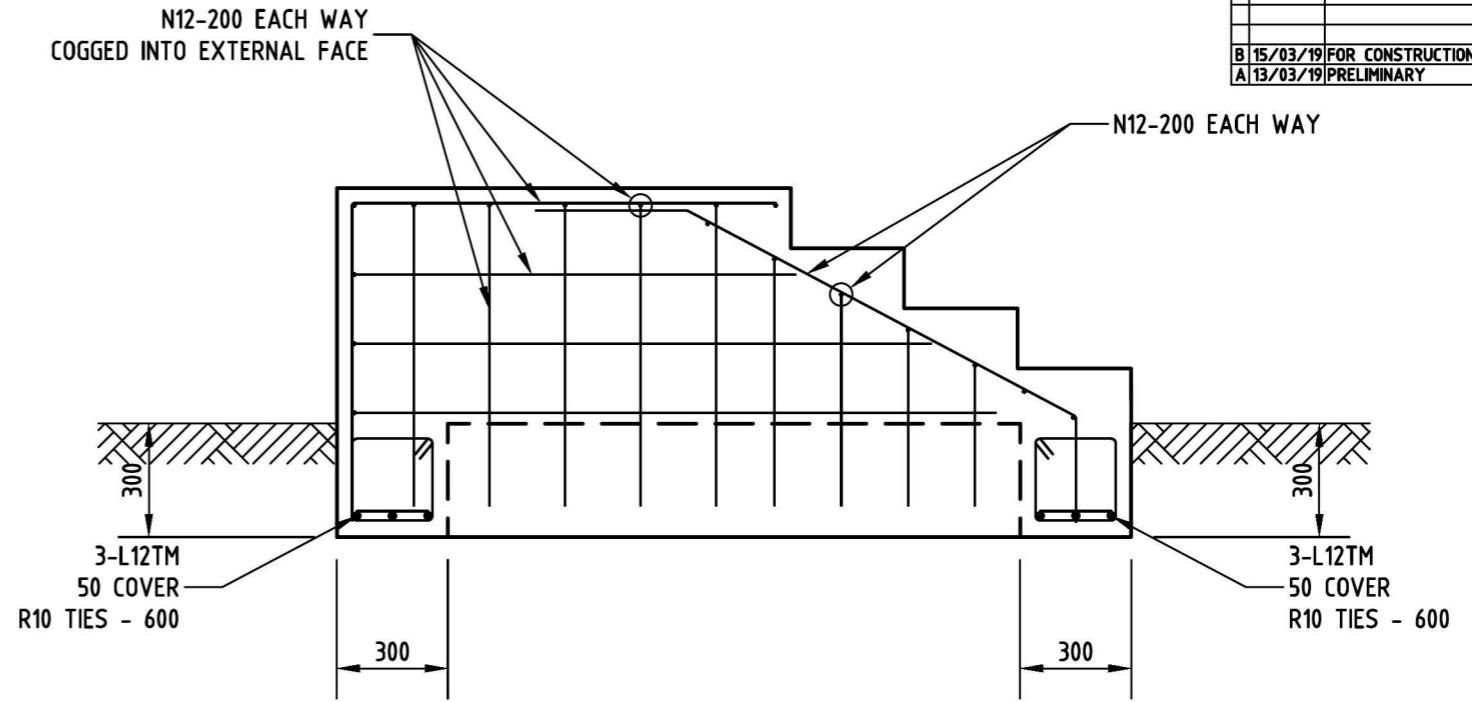
Approved	Anthony Pelicano BE (Hons) MIEAust		
North	Designed A.J.P.	Drawn A.J.P.	Date 13/03/19
Checked A.J.P.	Scale 1:100 @ A3 U.N.O.		Issue B
Job No 19PE1839	Drawing No 50301		

GROUND FLOOR MEMBER SCHEDULE				
MARK	MEMBER	MATERIAL	SIZE	GRADE
FJ1	FLOOR JOIST	STEEL	75x50x1.6 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
FJ2	FLOOR JOIST	STEEL	75x50x1.6 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR1	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR2	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR3	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR4	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR5	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR6	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR7	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR8	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR9	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR10	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
BR11	BEARER	STEEL	150x50x2.0 RHS AT 450 CENTRES	DURAGAL PLUS C450L0
*	BRACING	STEEL	M12 THREADED ROD	250

GROUND FLOOR NOTES :

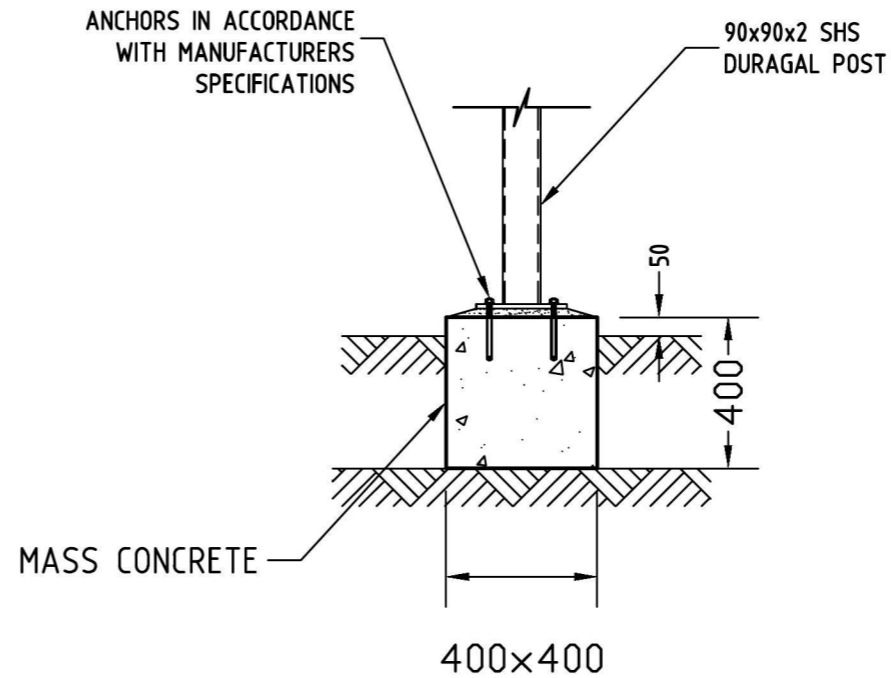
1. DURAGAL FLOOR SYSTEM TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. FLOOR JOISTS AND BEARERS DESIGNED TO SUPPORT FLOOR LOADS ONLY AND NOT DESIGNED TO SUPPORT ANY ROOF LOADS OR LOAD BEARING WALL LOADS.
3. DURAGAL FLOOR SYSTEM DESIGN BASED ON THE USE OF MAXI DECK BOARDS FLOORING MATERIAL WITH NO CEILING MATERIAL.
4. ALL FITTINGS, JOINERS, BRACING AND ACCESSORIES TO BE SUPPLIED BY DURAGAL.

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CONCRETE STEP DETAIL

SCALE 1:20



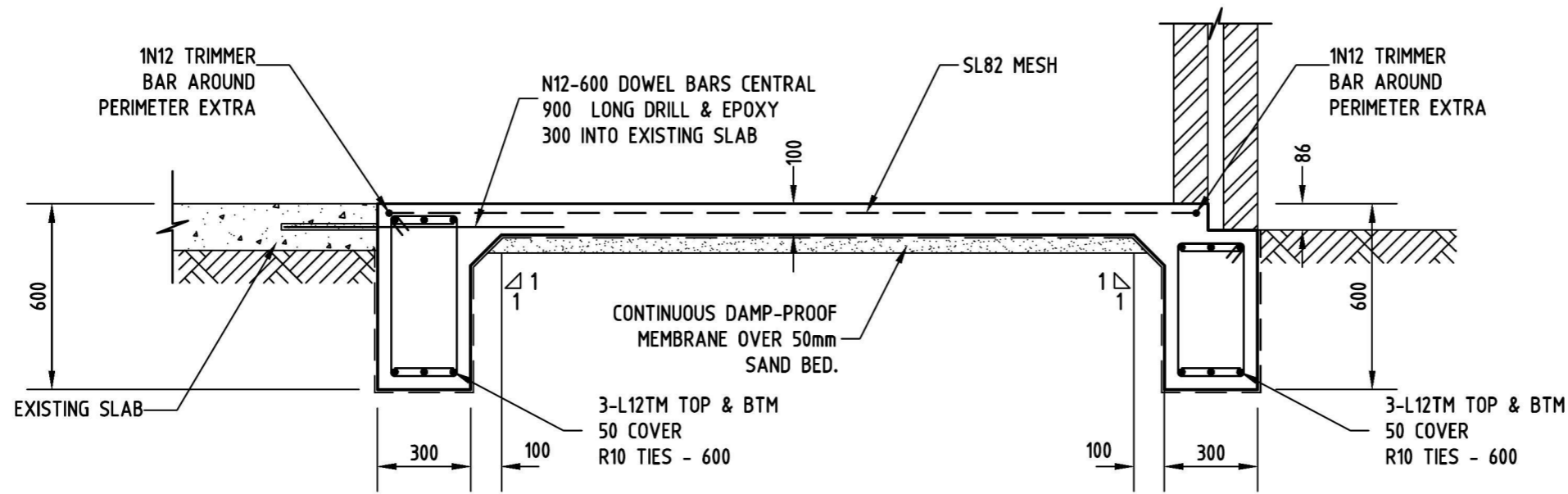
PAD FOOTING 'PF1' DETAIL

SCALE 1:20

Project PROPOSED ALTERATIONS AND ADDITIONS AT 1158-1160 CASTLEREAGH ROAD CASTLEREAGH
Client PENRITH CITY COUNCIL
Sheet Title GROUND FLOOR MEMBER SCHEDULE

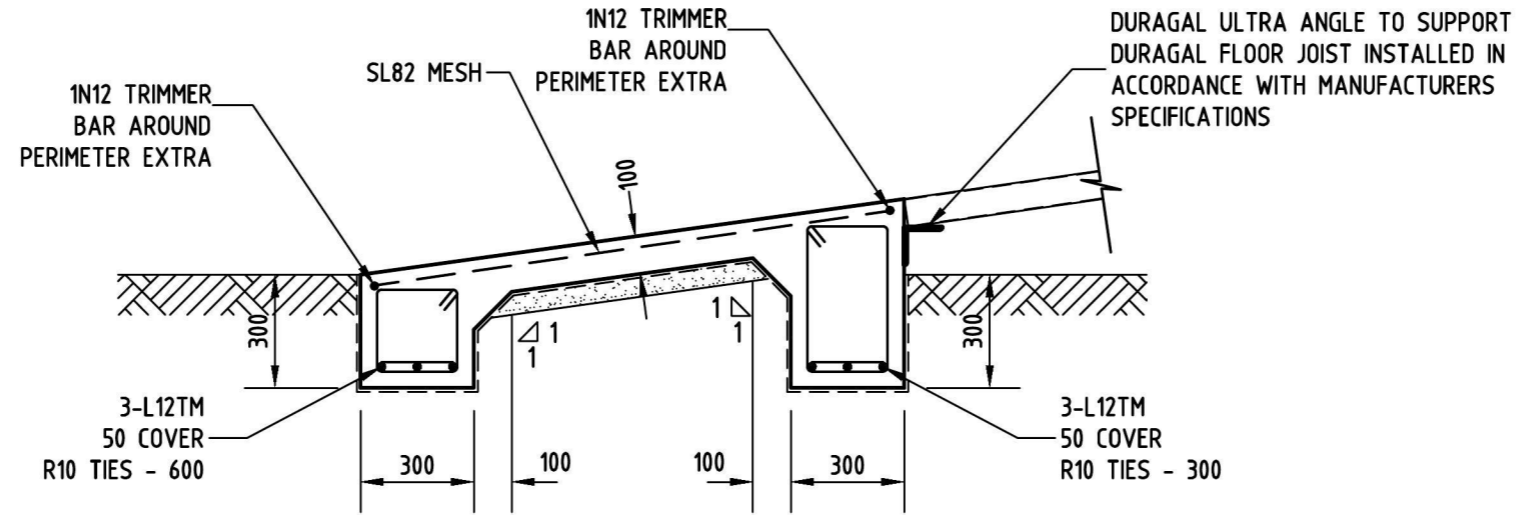
PelEng
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Approved		Anthony Pelicani B.E (Hons) MIEAust	
North	Designed	Drawn	Date
	A.J.P.	A.J.P.	13/03/19
Checked	Scale		
A.J.P.	1:100 @ A3 U.N.O.		
Job No	Drawing No	Issue	
19PE1839	50302	B	



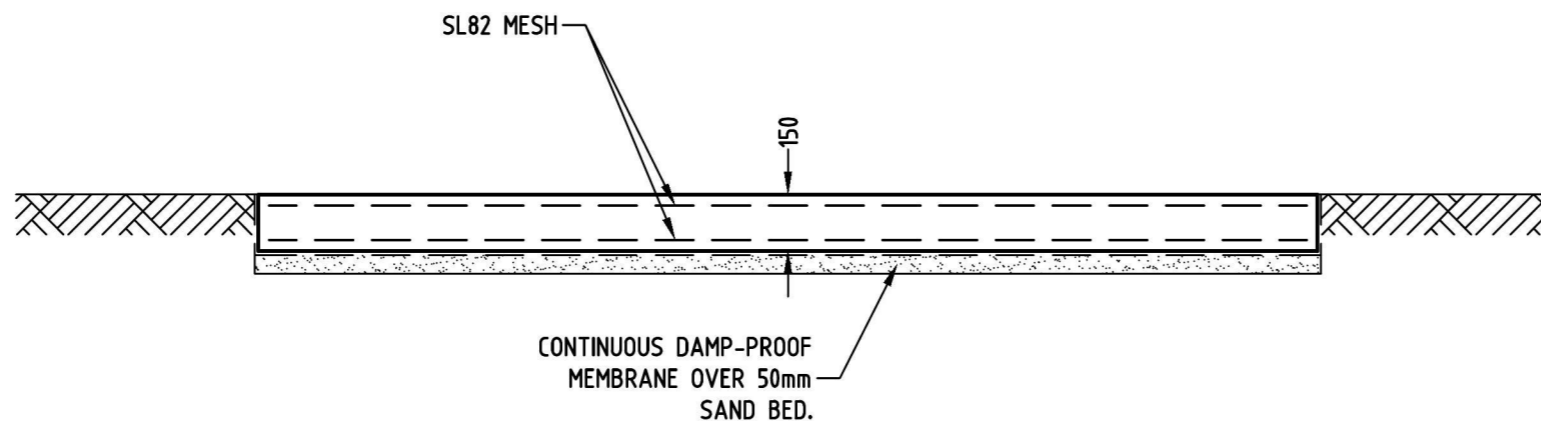
RAFT SLAB ON GROUND DETAIL

SCALE 1:20



ACCESS RAMP SLAB DETAIL

SCALE 1:20



AC ENCLOSURE - SLAB ON GROUND DETAIL

SCALE 1:20

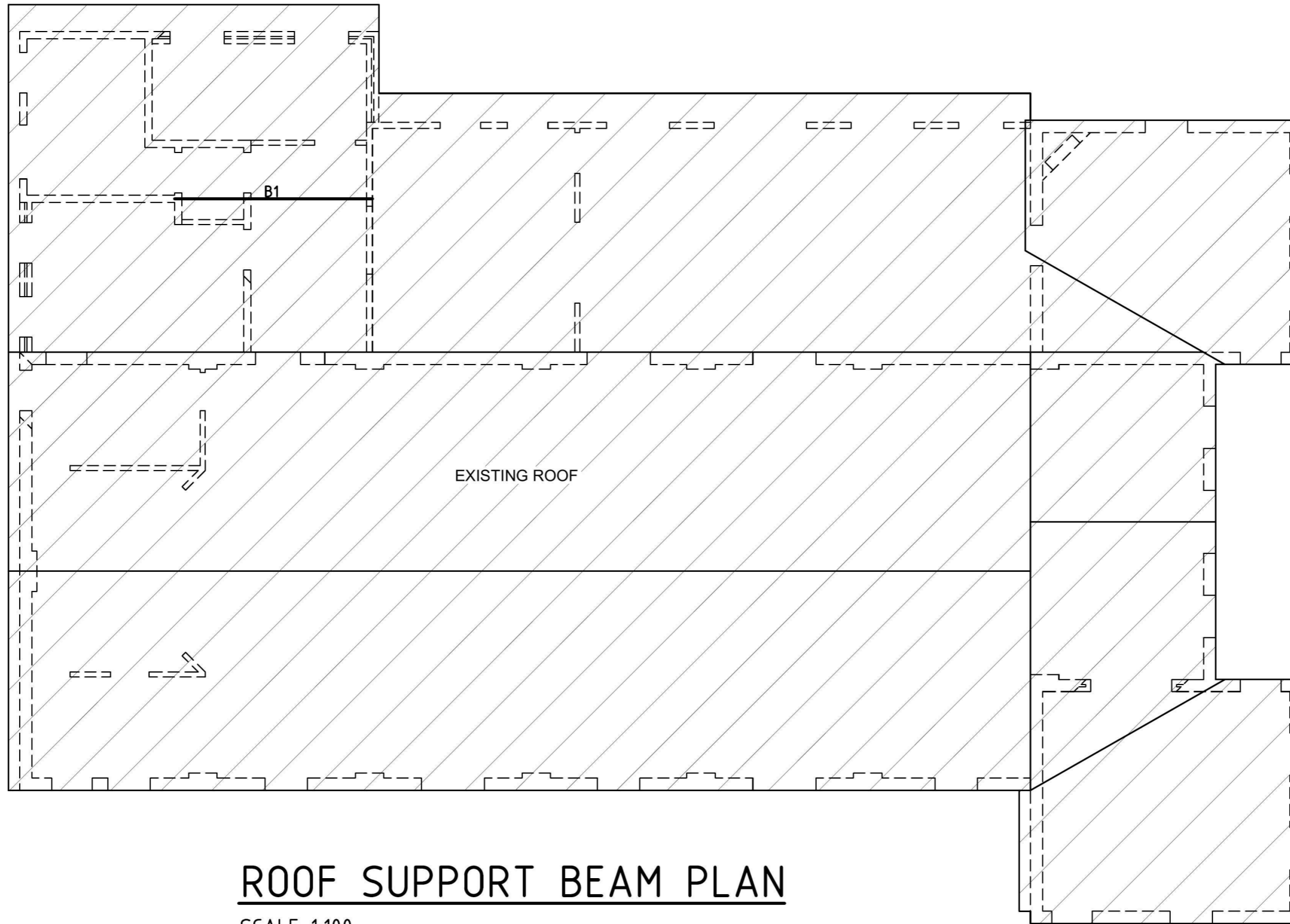
Revisions	
B	15/03/19 FOR CONSTRUCTION
A	13/03/19 PRELIMINARY

Project	PROPOSED ALTERATIONS AND ADDITIONS AT 1158-1160 CASTLEREAGH ROAD CASTLEREAGH
Client	PENRITH CITY COUNCIL
Sheet Title	GROUND FLOOR DETAILS

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North	Designed A.J.P.	Drawn A.J.P.	Date 13/03/19
Checked A.J.P.	Scale 1:100 @ A3 U.N.O.	Job No 19PE1839	Drawing No S0303
		Issue No B	



ROOF SUPPORT BEAM PLAN

SCALE 1:100

ROOF SUPPORT BEAM MEMBER SCHEDULE

MARK	MEMBER	MATERIAL	SIZE	GRADE
B4	BEAM	TIMBER	200x45 CONTINUOUS	HYSpan LVL

ROOF SUPPORT BEAM NOTES:

1. ALL TIMBER FRAMEWORK, BLOCKING, BRACING & HOLD DOWN REQUIREMENTS TO BE IN ACCORDANCE WITH AS1684 RESIDENTIAL TIMBER FRAMED CONSTRUCTION.
2. HYSpan LVL TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
3. THE ACTUAL NEED FOR BEAM B1 AND FINAL ROOF SUPPORT BEAM LAYOUT TO BE DETERMINED ONCE THE EXISTING STRUCTURE HAS BEEN EXPOSED AND INSPECTED BY THE ENGINEER.

Revisions	
B	15/03/19 FOR CONSTRUCTION
A	13/03/19 PRELIMINARY

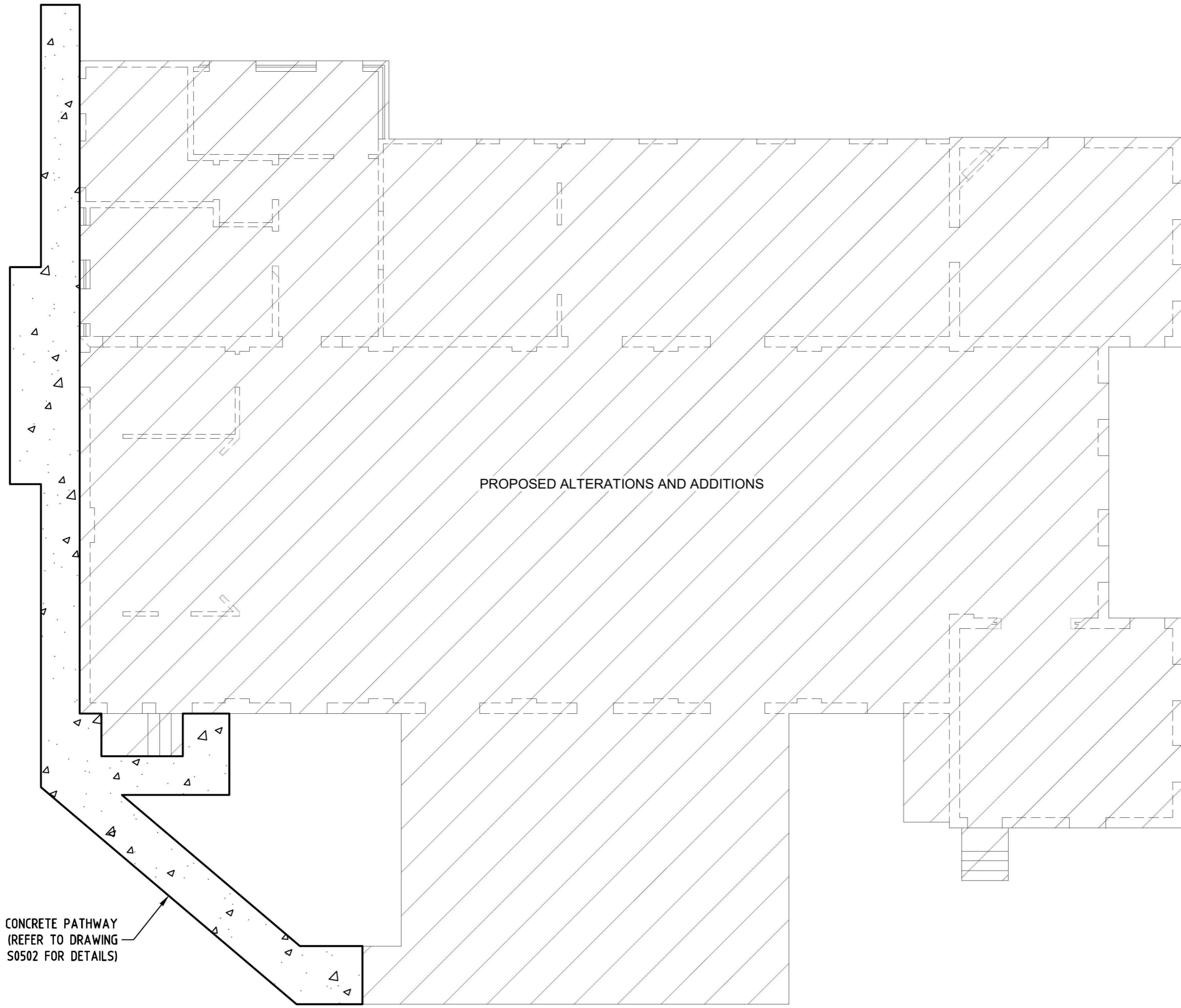
Project PROPOSED ALTERATIONS AND ADDITIONS AT 1158-1160 CASTLEREAGH ROAD CASTLEREAGH
Client PENRITH CITY COUNCIL
Sheet Title ROOF SUPPORT BEAM PLAN

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North	Designed A.J.P.	Drawn A.J.P.	Date 13/03/19
Checked A.J.P.	Scale 1:100 @ A3 U.N.O.	Job No 19PE1839	Drawing No S0401
		Issue B	

Revisions	
B 15/03/19	FOR CONSTRUCTION
A 13/03/19	PRELIMINARY



PROPOSED ALTERATIONS AND ADDITIONS

NEW CONCRETE PATHWAY
(REFER TO DRAWING
S0502 FOR DETAILS)

Project PROPOSED ALTERATIONS AND ADDITIONS AT 1158-1160 CASTLEREAGH ROAD CASTLEREAGH
Client PENRITH CITY COUNCIL
Sheet Title PATHWAY PLAN

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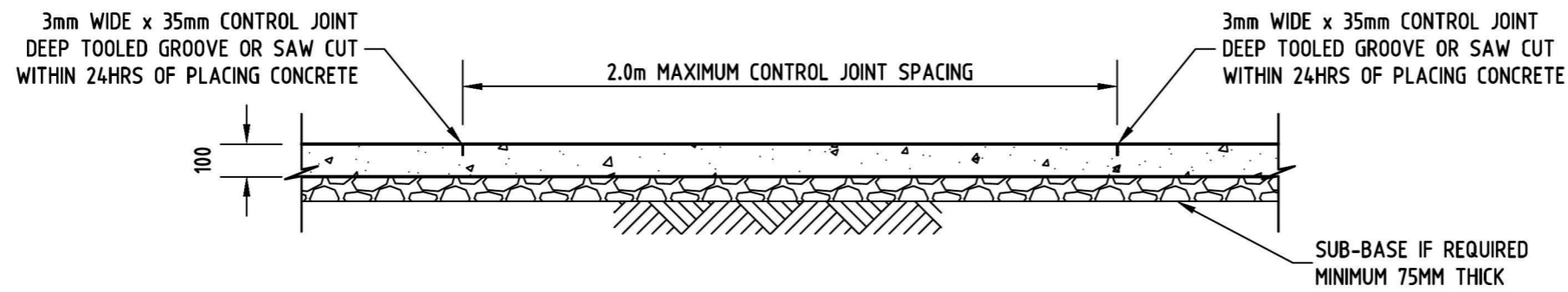
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North	Designed A.J.P.	Drawn A.J.P.
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	Scale 1:100 @ A3 U.N.O.	Issue B
Job No 19PE1839	Drawing No S0501	

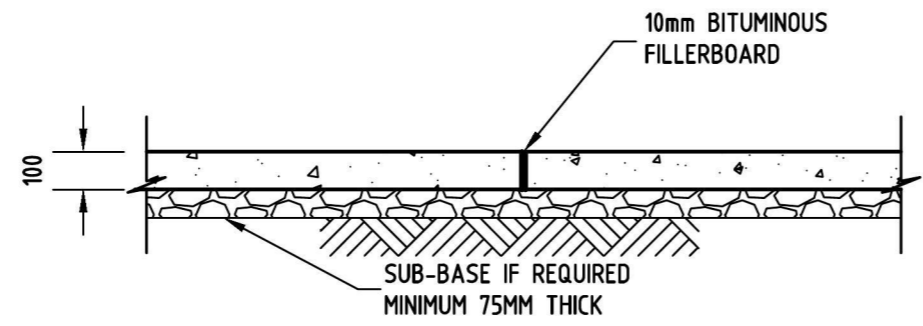
PATHWAY PLAN

SCALE 1:100

Revisions	
B	15/03/19 FOR CONSTRUCTION
A	13/03/19 PRELIMINARY



CONTROL JOINT DETAIL
SCALE 1:20



EXPANSION JOINT DETAIL
SCALE 1:20

CONCRETE QUALITY				
ELEMENT	SLUMP	AGGREGATE (MAX. SIZE)	CEMENT TYPE	f'c
FOOTINGS	80mm	20mm	A	25MPa
PATHWAY	80mm	20mm	A	25MPa

CONCRETE PATHWAY NOTES:
 MINIMUM SLAB THICKNESS FOR CONCRETE PATHWAY TO BE 100mm.
 CONTROL JOINTS SHALL BE CONSTRUCTED IN THE PATHWAY AT INTERVALS MATCHING THE WIDTH OF THE PATHWAY OR AT A MAXIMUM SPACING OF 2.0m - REFER TO DETAIL.
 CONTROL JOINTS ALSO REQUIRED AT ALL RE-ENTRANT CORNERS.
 CONCRETE STRENGTH f'c = 25 MPa.
 IF A SUB-BASE IS REQUIRED, THE SUB-BASE THICKNESS SHOULD NOT BE LESS THAN 75mm.
 ISOLATION JOINTS TO BE PROVIDED WHERE THE PATHWAY ADJOINS A BUILDING OR RIGID STRUCTURE.
 EXPANSION JOINTS 10mm IN WIDTH SHALL BE PLACED AT EVERY THIRD CONTROL JOINT OR AT A MAXIMUM SPACING OF 6.0m - REFER TO DETAIL.
 CONCRETE PATHWAY TO BE FOUNDED ON NATURAL GROUND.

Project PROPOSED ALTERATIONS AND ADDITIONS AT 1158-1160 CASTLEREAGH ROAD CASTLEREAGH
Client PENRITH CITY COUNCIL
Sheet Title PATHWAY DETAILS

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North	Designed A.J.P.	Drawn A.J.P.	Date 13/03/19
Checked A.J.P.	Scale 1:100 @ A3 U.N.O.		
Job No 19PE1839	Drawing No S0502	Issue B	

ISSUE FOR TENDER - 03/2019

ARCHITECTURAL DRAWINGS

JUSTIN LONG DESIGN
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- A00 TITLE PAGE, GENERAL NOTES & SCHEDULE OF EXTERNAL FINISHES
- A01 PROPOSED GREATER SITE PLAN
- A02 EXISTING GROUND FLOOR PLAN
- A03 PROPOSED GROUND FLOOR PLAN
- A04 PROPOSED ROOF & STORMWATER DRAINAGE PLAN
- A05 PROPOSED ELEVATIONS
- A06 PROPOSED ELEVATIONS
- A07 PROPOSED SECTIONS
- A08 DOOR & WINDOW SCHEDULE
- A09 DOOR & WINDOW SCHEDULE
- A10 AC ENCLOSURE, RAMP & BALUSTRADE DETAILS
- A11 CLEANER CUPBOARD DETAILS
- A12 CLEANER CUPBOARD DETAILS
- A13 MALE TOILET DETAILS
- A14 MALE TOILET DETAILS
- A15 MALE TOILET DETAILS
- A16 MALE TOILET DETAILS
- A17 MALE TOILET DETAILS

- A18 MALE TOILET DETAILS
- A19 FEMALE TOILET DETAILS
- A20 FEMALE TOILET DETAILS
- A21 FEMALE TOILET DETAILS
- A22 FEMALE TOILET DETAILS
- A23 FEMALE TOILET DETAILS
- A24 FEMALE TOILET DETAILS
- A25 ACCESS TOILET DETAILS
- A26 ACCESS TOILET DETAILS
- A27 ACCESS TOILET DETAILS
- A28 ACCESS TOILET DETAILS
- A29 FOYER DETAILS
- A30 FOYER DETAILS
- A31 FOYER DETAILS
- A32 PROPOSED RC & ELECTRICAL PLAN
- A33 EROSION & SEDIMENT CONTROL PLAN
- D01 DEMOLITION WORK PLAN

STRUCTURAL ENGINEER DRAWINGS

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- S0101-A CONSTRUCTION NOTES (SHEET 1 OF 2)
- S0102-A CONSTRUCTION NOTES (SHEET 2 OF 2)
- S0201-A FOOTING PLAN
- S0301-A GROUND FLOOR PLAN
- S0302-A GROUND FLOOR MEMBER SCHEDULE

- S0303-A GROUND FLOOR DETAILS
- S0401-A ROOF SUPPORT BEAM PLAN
- S0501-A PATHWAY PLAN
- S0502-A PATHWAY DETAILS

COMPLIANCE NOTES

STANDARD OF WORK & REGULATIONS
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH:
- BUILDING CODE OF AUSTRALIA 2016
- AUSTRALIAN STANDARDS
- CONDITIONS OF COUNCIL
- CONDITIONS OF SERVICE SUPPLY AUTHORITIES
- ALL RELEVANT AUSTRALIAN STANDARDS INCLUDING BUT NOT LIMITED TO THE STANDARDS LISTED BELOW.

DEMOLITION & RECYCLED MATERIAL
DEMOLITION IN ACCORDANCE WITH METRO WASTE BOARD GUIDE.

SITE MANAGEMENT
NO BUILDING ACTIVITIES ON COUNCIL LAND.
ESTABLISH SEDIMENT CONTROLS AS REQUIRED BY ALL AUTHORITIES.

EARTHWORKS & EXCAVATION
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.1.1
- AS 2870

STORMWATER DISPOSAL
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.1.2 & BCA PART 3.5.2
- AS/NZ 3500.3.2

TERMITE PROTECTION
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.1.3
- AS 3660.1

FOOTINGS, SLAB DESIGN & RETAINING WALLS
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE ENGINEERS DRAWINGS, SPECIFICATIONS AND THE FOLLOWING:
- BCA PART 3.2
- AS 2870

MASONRY CONSTRUCTION
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.3
- AS 3700

STRUCTURAL STEEL FRAMING
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE ENGINEERS DRAWINGS, SPECIFICATIONS AND THE FOLLOWING:
- BCA PART 3.4.2
- AS 1250 & AS 3623

TIMBER FRAMING
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
BCA PART 3.4.3
- AS 1684
ALL TIMBER IS TO BE FROM SUSTAINABLE SOURCES (PLANTATION &/OR RECYCLED TIMBERS) AS FOLLOWS:
- ALL FRAMING SHOULD BE IN PLANTATION RADIATA PINE OR NZ DOUGLAS FIR
- ALL STRUCTURAL TIMBER SHALL BE PLANTATION GROWN GLUE LAMINATED TIMBER
- ALL FLOORING SHALL BE FROM RECYCLED TIMBER OR BAMBOO T+G FLOORING

ROOF CLADDING
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.5.1
- AS 1562.1

GUTTERS & DOWNPIPES
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.5.2
- AS 3500.3.2

WALL CLADDING
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.5.3

EXTERNAL WINDOWS & DOORS
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.5.4 & BCA PART 3.6
- AS 2047

INSTALLATION OF GLAZING
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.6
- AS 1288 OR AS 2047

VENTILATION OF EXHAUST FANS
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 2.4 & BCA PART 3.8.5
- AS 1668.2

CONSTRUCTION OF ROOF, WALLS & FLOOR
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.5 & BCA PART 3.12

HOT WATER SUPPLY SYSTEM
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.12.5
- AS/NZ 3500.4 OR AS 3500.5

FIRE SEPARATION
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.7.1

SMOKE ALARMS
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.7.2
- AS 3786

BUILDING FABRIC THERMAL INSULATION
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 2.3.1
- AS/NZ 4859.1
- BASIX COMPLIANCE
SPECIFICALLY THE INSULATION VALUES SHALL BE A MINIMUM TOTAL OF R3.0 FOR ALL ROOFS & CEILINGS & R1.5 FOR ALL WALLS

SOUND INSULATION
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.8.6

WATERPROOFING OF WET AREAS
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.8.1
- AS 3740

FACILITIES (HEALT & AMENITY)
ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING:
- BCA PART 3.8.3
- AS 1668.2

HYDRAULICS
ALL TAPWARE & PLUMBING FIXTURES SHALL BE AAA RATED.
HOT WATER SERVICE PIPES SHALL BE PROVIDED WITH INSULATION IN ACCORDANCE WITH:
- BCA PART 3.12.1
- AS 3500

SCHEDULE OF EXTERNAL FINISHES

AREA	FINISH	COMMENT	IMAGE
BRICKWORK	RECYCLED COMMON BRICKWORK TO MATCH THE EXISTING, PAINT FINISH	COLOUR: OFF WHITE TO MATCH EXISTING OR PREVIOUSLY USED HERITAGE COLOUR UPON IDENTIFICATION ON SITE, TBC	
EXTERNAL CLADDING	SELECTED HORIZONTAL TIMBER CLADDING TO MATCH EXISTING	COLOUR: OFF WHITE TO MATCH EXISTING OR PREVIOUSLY USED HERITAGE COLOUR UPON IDENTIFICATION ON SITE, TBC	
EXTERNAL DECKING	INEX MAXIDECK 140 X 19MM DECKING BOARDS OR SIMILAR APPROVED FIXED TO JOISTS IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS	COLOUR: MERBAU	
DOOR AWNING	TIMBER FRAMED 1200MM AWNING WITH ZINCALUME ROOFING OVER TO NORTHERN SIDE DOUBLE DOORS TO MATCH THE AWNINGS TO THE SOUTHERN SIDE DOUBLE DOORS	FRAME COLOUR: TO MATCH EXISTING ROOF COLOUR: ZINCALUME	
AC UNIT LOUVRE ENCLOSURE	CAPRAL ALUMINIUM EXTRUDED LOUVRE ENCLOSURE	COLOUR: COLORBOND 'PAPERBARK'	

GENERAL NOTES

- REFER ALL QUERIES & DISCREPANCIES TO THE PROJECT MANAGER. ALL MEASUREMENTS ARE IN MM UNLESS OTHERWISE NOTED.

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

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Version: 1, Version Date: 27/03/2019

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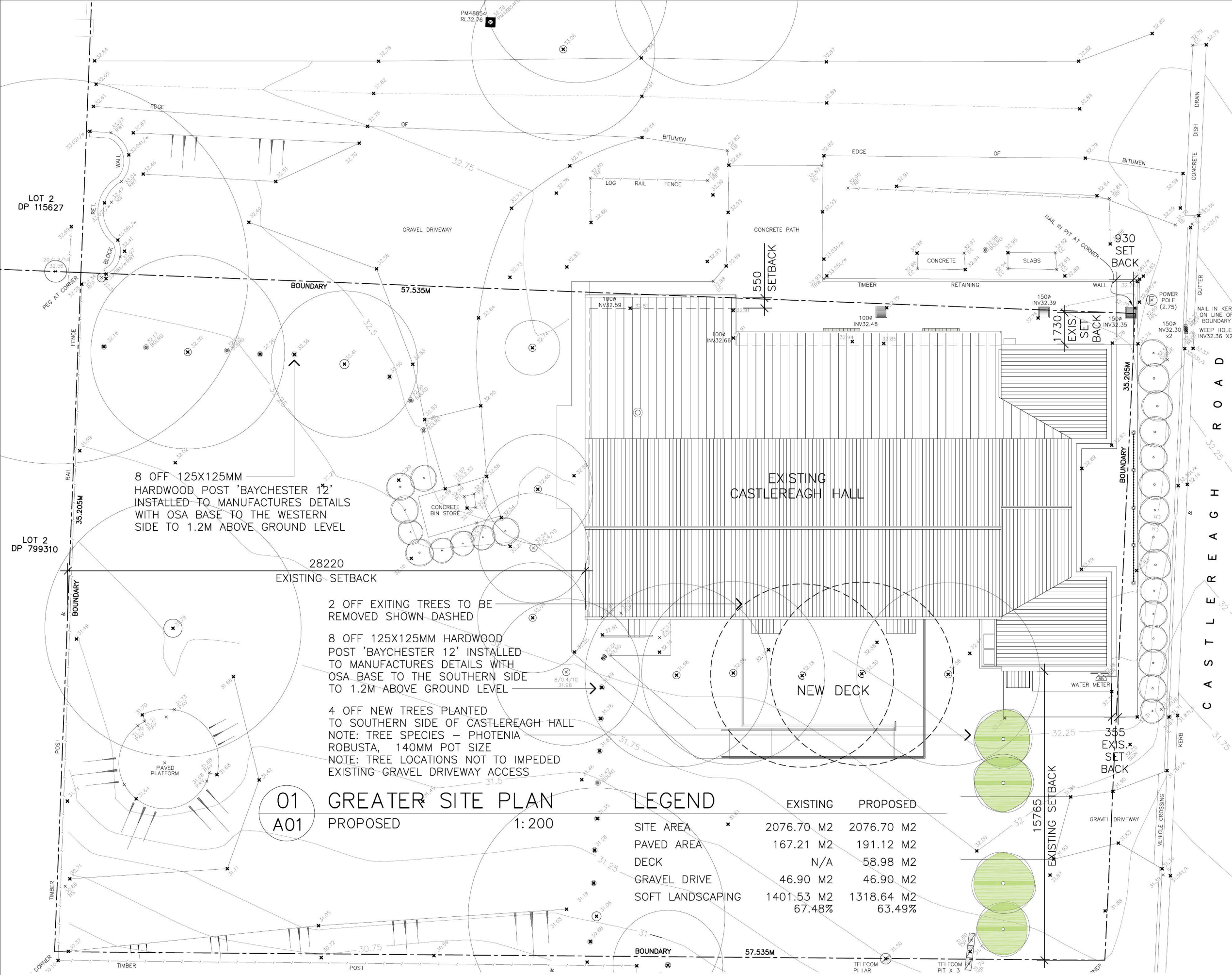
drawn	scale	date	issue	amend
TJ	N/A	19.10.18	TD	-
drawing				
TITLE PAGE, GENERAL NOTES & SCHEDULE OF EXTERNAL FINISHES				

TD	=	TENDER ISSUE	08.03.19
DA	=	DA ISSUE	21.01.19
issue	amendment	date	

A00

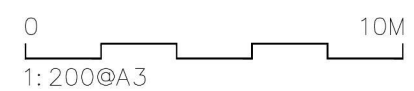
PROPOSED WORKS

EXTERNAL
<ul style="list-style-type: none"> PLANT 4 NEW TREES TO SOUTHERN SIDE OF HALL REPLACE PARK BENCHES X 2 REPLACE TREATED PINE BOLLARDS X 16 INSTALL NEW CORPORATE & SITE SIGNAGE - PC SUM TIDY UP ELECTRICAL WORK
NORTHERN ELEVATION
<ul style="list-style-type: none"> REMOVE STEEL SECURITY SCREEN & HINGED GATE TO COVERED WALKWAY FOR NEW ACCESSIBLE TOILET CONSTRUCT NEW AWNINGS OVER EXISTING DOUBLE DOORS TO MATCH EXISTING AWNINGS ON THE SOUTHERN SIDE REMOVE ASBESTOS SOFFIT LININGS & REPLACE THROUGHOUT WITH FC SHEET LINING
EASTERN ELEVATION
<ul style="list-style-type: none"> RENEW DAMAGED TERRAZZO DOOR THRESHOLDS
SOUTHERN ELEVATION
<ul style="list-style-type: none"> REMOVE EXISTING CONCRETE STEPS FROM DOUBLE DOORS OF HALL THAT LEAD DOWN TO EXISTING LANDSCAPED AREA X 2 REMOVE EXISTING TREES FOR NEW DECK X 2 NEW RAISED DECK & ACCESSIBLE RAMP WITH ASSOCIATED BALUSTRADES LEADING DOWN ONTO PATH INSTALL NEW ALUMINIUM LOUVRE SCREEN TO EXISTING AC ENCLOSURE NEW PORTION OF RC PATH TO MATCH EXISTING RC PATH LEVEL & FINISH INSTALL EAVES LINING ABOVE AC UNITS NEW RC SLAB TO EXISTING AC COMPOUND INSTALL SW DRAINS IN NEW RC SLAB TO AC COMPOUND REPLACE EXISTING LANDING & STEPS X 2 INSTALL BCA COMPLIANT BALUSTRADES TO STEPS INSTALL NEW LIGHTS OVER EXIT DOORS
WESTERN ELEVATION
<ul style="list-style-type: none"> NEW 1.0M WIDE RC PATH WITH A 1.8M PASSING BAY, REFER TO STRUCTURAL ENGINEERS DETAIL REMOVE ASBESTOS SOFFIT LININGS & REPLACE THROUGHOUT WITH FC SHEET LINING
INTERNAL
<ul style="list-style-type: none"> NEW PAINT FINISH THROUGHOUT TIDY UP ELECTRICAL WORK LED LIGHTING THROUGHOUT
TOILETS
<ul style="list-style-type: none"> MALE TOILETS: RECONFIGURE FOR AMBULANT TOILET REQUIREMENTS, NEW FIT-OUT THROUGHOUT FEMALE TOILETS: WIDEN & RECONFIGURE FOR AMBULANT TOILET REQUIREMENTS, NEW FIT-OUT THROUGHOUT ACCESSIBILITY TOILET: WIDEN EXISTING ACCESSIBLE TOILET FOR NEW COMPLIANT ACCESSIBLE TOILET, NEW FIT-OUT THROUGHOUT
FOYER
<ul style="list-style-type: none"> BUILD NEW ENCLOSURE AROUND EXISTING HOT WATER UNIT RELOCATE AC UNIT AND MAKE GOOD TO SERVICE PENETRATIONS INSTALL NEW SINK & CHEMICAL STORE WITHIN ENCLOSURE AROUND THE EXISTING AIR CONDITIONING UNIT NEW LIGHTS THROUGHOUT NEW FLOORING THROUGHOUT TIDY UP WALL FINISHES, TBC RELOCATE KITCHEN PLUMBING COMING THROUGH THE WALL
KITCHEN
<ul style="list-style-type: none"> INSTALL NEW SPLIT SYSTEM AC UNIT REMOVE EXISTING WINDOW & FRAME UP OPENING FOR NEW SET PLASTERBOARD WALL
DINING ROOM
<ul style="list-style-type: none"> INSTALL NEW SPLIT SYSTEM AC UNIT PATCH EXISTING WALLS WHERE REQUIRED
LOUNGE ROOM
<ul style="list-style-type: none"> INSTALL NEW SPLIT SYSTEM AC UNIT
HALL
<ul style="list-style-type: none"> REMOVE PORTION OF EXISTING WALL BETWEEN STORE ROOM & HALL FOR NEW DOUBLE DOORS NEW TERRAZZO DOOR THRESHOLD TO NEW DOORWAY STRIP & SEAL EXISTING TIMBER FLOOR
STAGE
<ul style="list-style-type: none"> REPLACE CEILING THROUGHOUT INSTALL NEW PLATFORM LIFT TO ACCESS EXISTING STAGE
STORE ROOM
<ul style="list-style-type: none"> NEW VINYL FLOORING TO EXISTING FLOOR



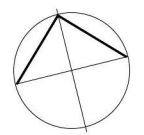
01 GREATER SITE PLAN
A01 PROPOSED 1:200

	EXISTING	PROPOSED
SITE AREA	2076.70 M2	2076.70 M2
PAVED AREA	167.21 M2	191.12 M2
DECK	N/A	58.98 M2
GRAVEL DRIVE	46.90 M2	46.90 M2
SOFT LANDSCAPING	1401.53 M2 67.48%	1318.64 M2 63.49%



1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING FOR PENRITH CITY COUNCIL

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drawn	scale	date	issue	amend
TJ	1:200	19.10.18	TD	-
drawing				
PROPOSED GREATER SITE PLAN				

TD	=	TENDER ISSUE	08.03.19
DA	=	DA ISSUE	21.01.19
issue	amendment	date	

A01

CONSTRUCT NEW AWNINGS OVER EXISTING DOUBLE DOORS TO MATCH EXISTING AWNINGS ON THE SOUTHERN SIDE

NEW VENT PIPE, PAINT FINISH WITH COLOUR TO MATCH ROOF

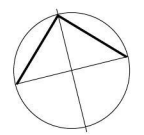
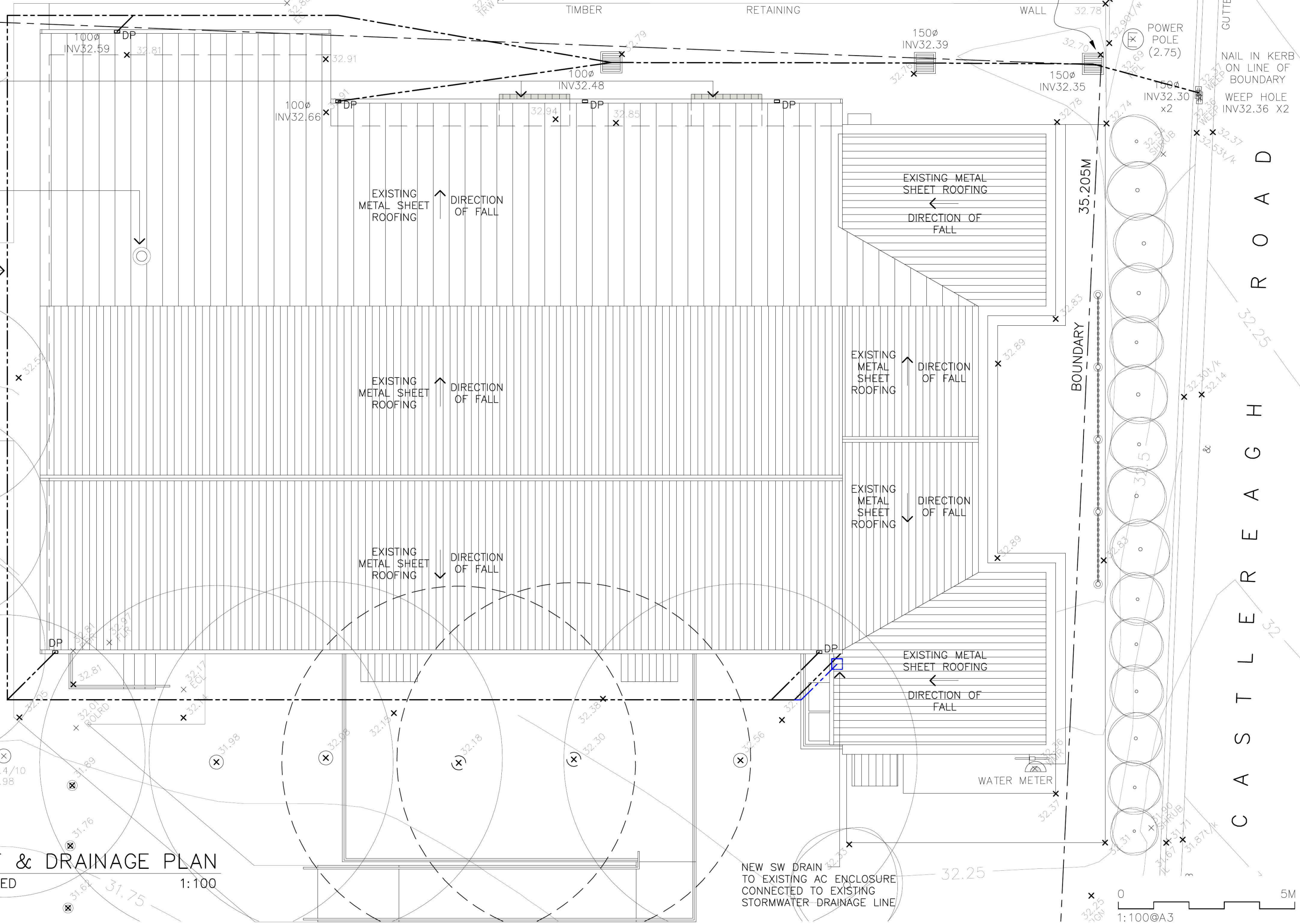
EXISTING STORMWATER DRAINAGE LINES RUNNING TO KERB OUTLET ON CASTLEREAGH ROAD

01 ROOF & DRAINAGE PLAN
A04 PROPOSED 1:100

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
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drawn	scale	date	issue	amend
TJ	1:100	19.10.18	TD	-

drawing
PROPOSED ROOF & STORMWATER DRAINAGE PLAN

TD	DA	issue	amendment	date
		TENDER ISSUE		08.03.19
		DA ISSUE		21.01.19

A04

RL: 39.70

RELOCATE EXISTING DOOR FROM NORTHERN WALL TO WESTERN WALL & BUILD NEW CONCRETE STEPS UP TO SUIT

RL: 37.30

NEW BATHROOM MECHANICAL EXHAUST OUTLET
NOTE: SEPARATE EXHAUST TO EACH TOILET, CONNECT TO LIGHT SENSOR WITH DELAY SWITCH, DUCTED TO WALL EXHAUST OUTLET

EXISTING WINDOWS TO BATHROOM TO BE REMOVED & REPLACED WITH TIMBER FRAMED WINDOWS

LINE OF EXISTING NATURAL GROUND LEVEL

FFL: 32.97

NEW TIMBER FRAMED WINDOWS TO MATCH EXISTING

NEW PAINTED BRICK IN-FILL TO EXISTING ALCOVE TO MATCH EXISTING

WEATHERBOARD IN-FILL OVER NEW BRICK WALL TO UNDERSIDE OF EXISTING EAVE TO MATCH EXISTING

50MM CHS S/S HANDRAIL ON 10MM PIN FIXINGS TO 50MM DIA. GAL. STEEL POSTS WITH BASE FIXINGS BOLTED TO NEW STEEL FRAMED DECK
NOTE: ALL JOINTS TO BE GROUND SMOOTH

RL: 39.70

SELECTED TREES TO REMAIN, REFER TO PROPOSED FLOOR PLAN FOR DETAILS

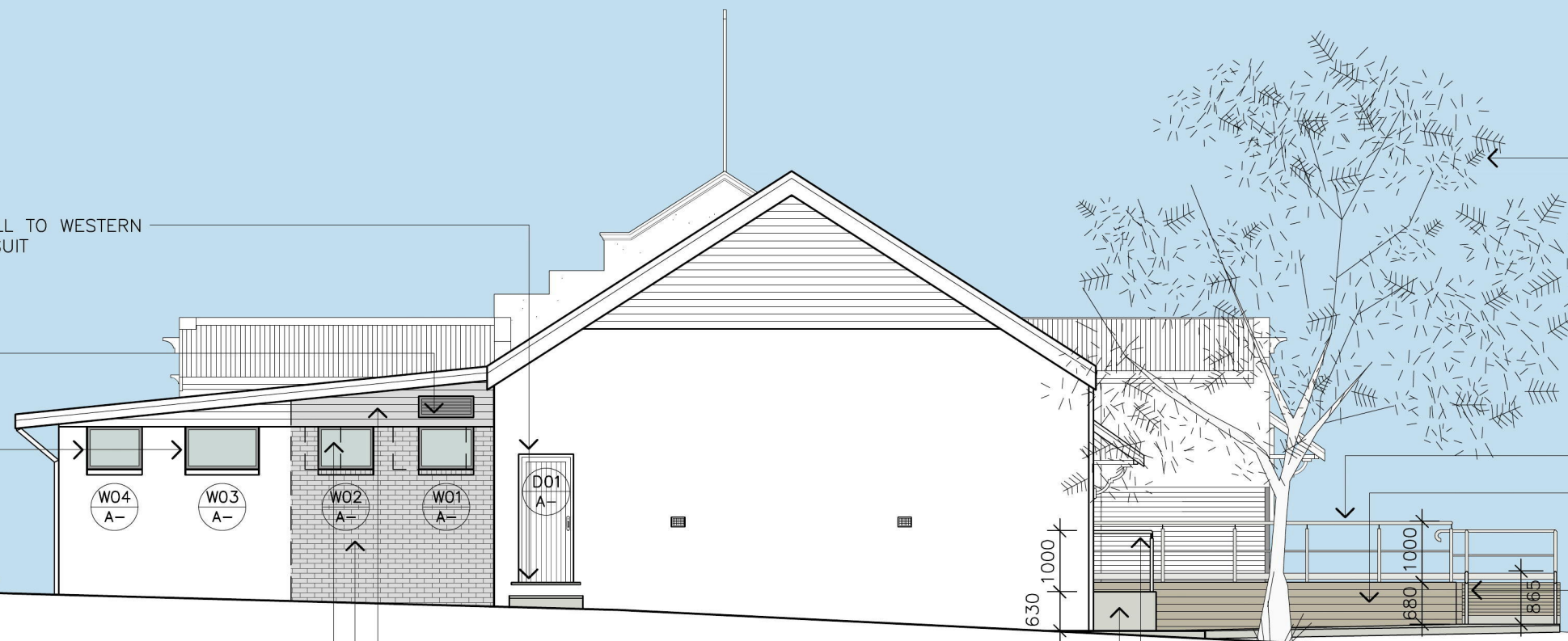
RL: 37.30

NEW STEEL FRAMED RAISED DECK, REFER TO STRUCTURAL ENGINEERS DETAIL

NEW ACCESSIBLE RAMP UP TO NEW DECK WITH STEEL PLATE KERB & HANDRAILS IN ACCORDANCE WITH AS1428.1-2009

FFL: 32.97

ALLOW TO RE-SECURE/STABILISE EXISTING CONCRETE STEPS



SELECTED TREES TO REMAIN, REFER TO PROPOSED FLOOR PLAN FOR DETAILS

50MM CHS S/S HANDRAIL ON 10MM PIN FIXINGS TO 50MM DIA. GAL. STEEL POSTS WITH BASE FIXINGS BOLTED TO NEW STEEL FRAMED DECK
NOTE: ALL JOINTS TO BE GROUND SMOOTH

NEW STEEL FRAMED RAISED DECK, REFER TO STRUCTURAL ENGINEERS DETAIL

NEW ACCESSIBLE RAMP UP TO NEW DECK WITH STEEL PLATE KERB & HANDRAILS IN ACCORDANCE WITH AS1428.1-2009

NEW 50MM DIA. S/S HANDRAIL ON 10MM PIN FIXINGS TO 50MM DIA. GAL. POSTS WITH BASE FIXINGS BOLTED TO NEW EXIT LANDING & STEPS
NOTE: ALL JOINTS TO BE GROUND SMOOTH

NEW BCA COMPLIANT RC LANDINGS & STEPS TO EXISTING EXIT DOORS

01 WESTERN ELEVATION
A05 PROPOSED 1:100

50MM CHS S/S HANDRAIL ON 10MM PIN FIXINGS TO 50MM DIA. GAL. STEEL POSTS WITH BASE FIXINGS BOLTED TO NEW STEEL FRAMED DECK
NOTE: ALL JOINTS TO BE GROUND SMOOTH

RL: 39.70

SELECTED TREES TO REMAIN, REFER TO PROPOSED FLOOR PLAN FOR DETAILS

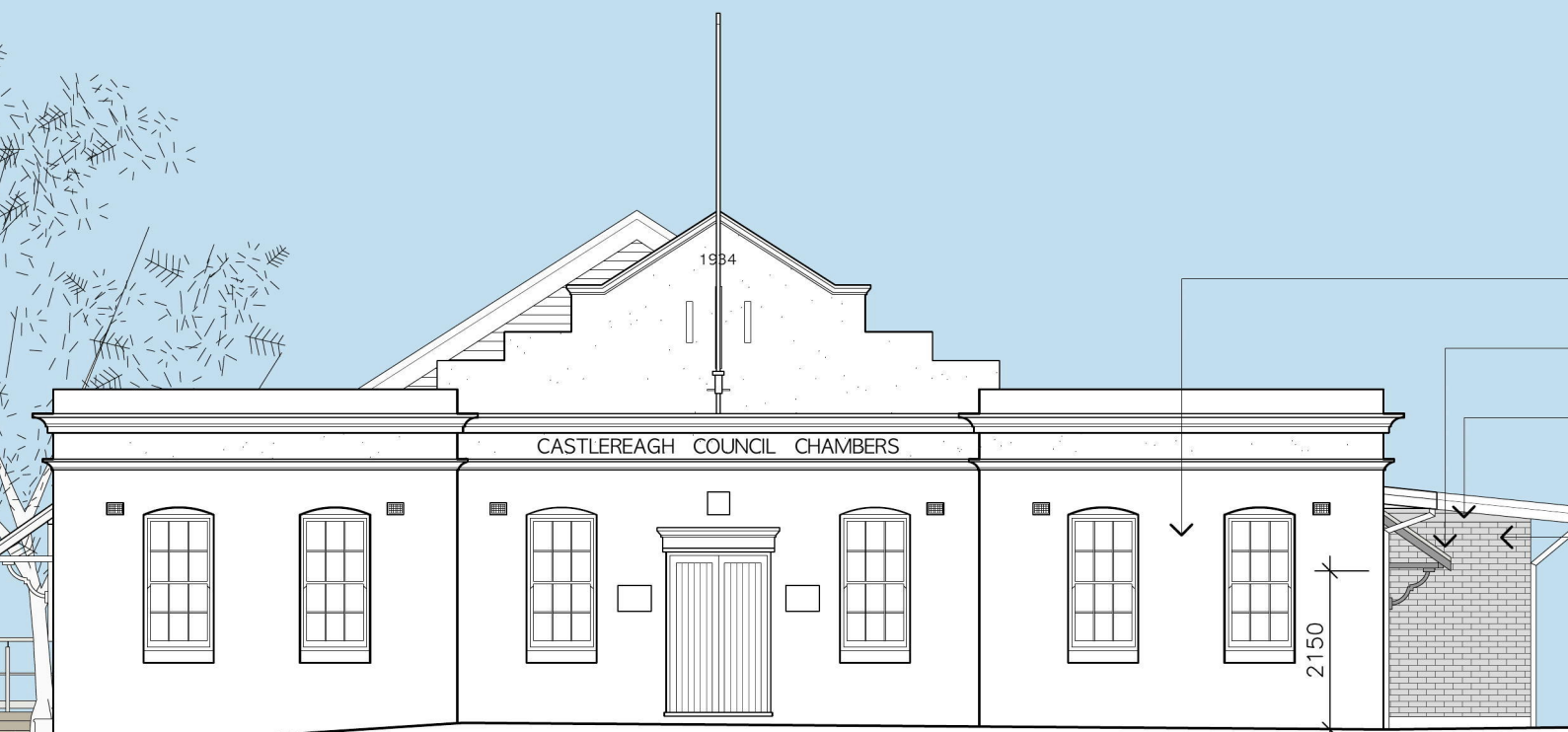
RL: 37.30

NEW STEEL FRAMED RAISED DECK, REFER TO STRUCTURAL ENGINEERS DETAIL

NEW ACCESSIBLE RAMP UP TO NEW DECK WITH STEEL PLATE KERB & HANDRAILS IN ACCORDANCE WITH AS1428.1-2009

FFL: 32.97

ALLOW TO RE-SECURE/STABILISE EXISTING CONCRETE STEPS



EXISTING FACADE TO REMAIN UNCHANGED

CONSTRUCT NEW AWNINGS OVER EXISTING DOUBLE DOORS TO MATCH EXISTING AWNINGS ON THE SOUTHERN SIDE

WEATHERBOARD IN-FILL OVER NEW BRICK WALL TO UNDERSIDE OF EXISTING EAVE TO MATCH EXISTING

NEW PAINTED BRICK WALL TO MATCH EXISTING ADJACENT
NOTE: NEW ADDITION TO BE BUILT UNDER EXISTING ROOF STRUCTURE

900 AWNING

02 EASTERN ELEVATION
A05 PROPOSED 1:100

0 5M
1:100@A3

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

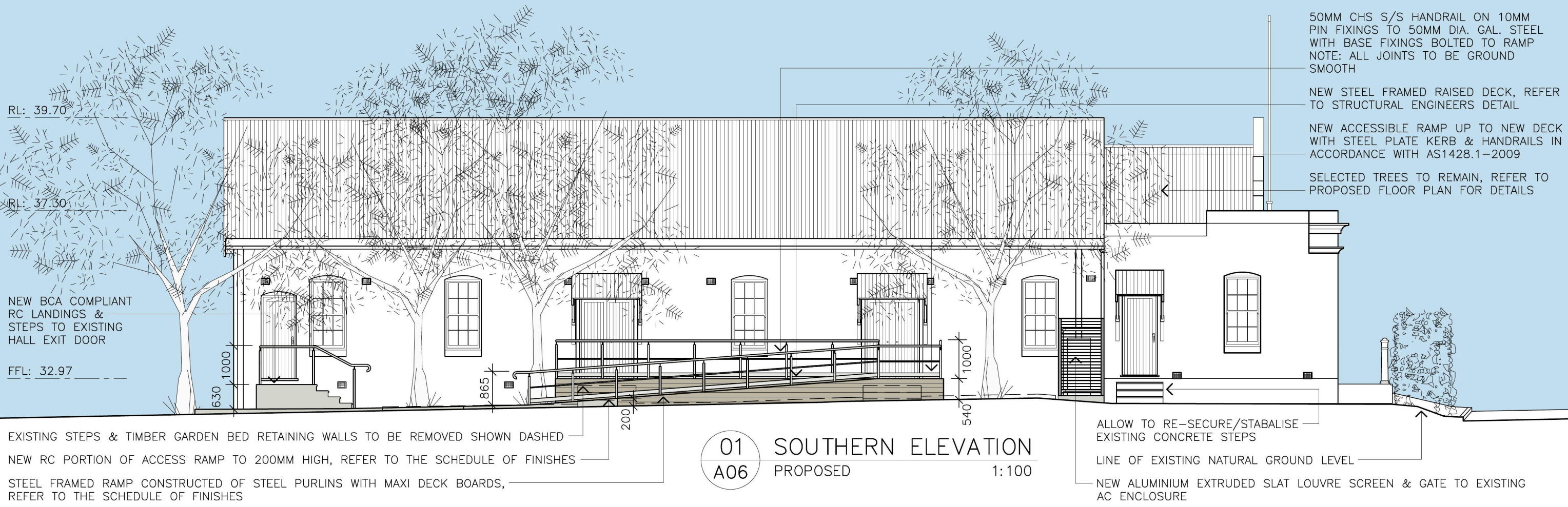
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drawn	scale	date	issue	amend
TJ	1:100	19.10.18	TD	-
drawing PROPOSED ELEVATIONS				

TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19
issue	amendment	date

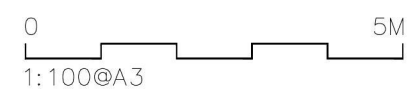
A05



01 SOUTHERN ELEVATION
A06 PROPOSED 1:100



02 NORTHERN ELEVATION
A06 PROPOSED 1:100



1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
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TJ	1:100	19.10.18	TD	-
drawing PROPOSED ELEVATIONS				

TD	DA	issue	amendment	date
-	-	TENDER ISSUE	-	08.03.19
-	-	DA ISSUE	-	21.01.19
-	-	issue	amendment	date

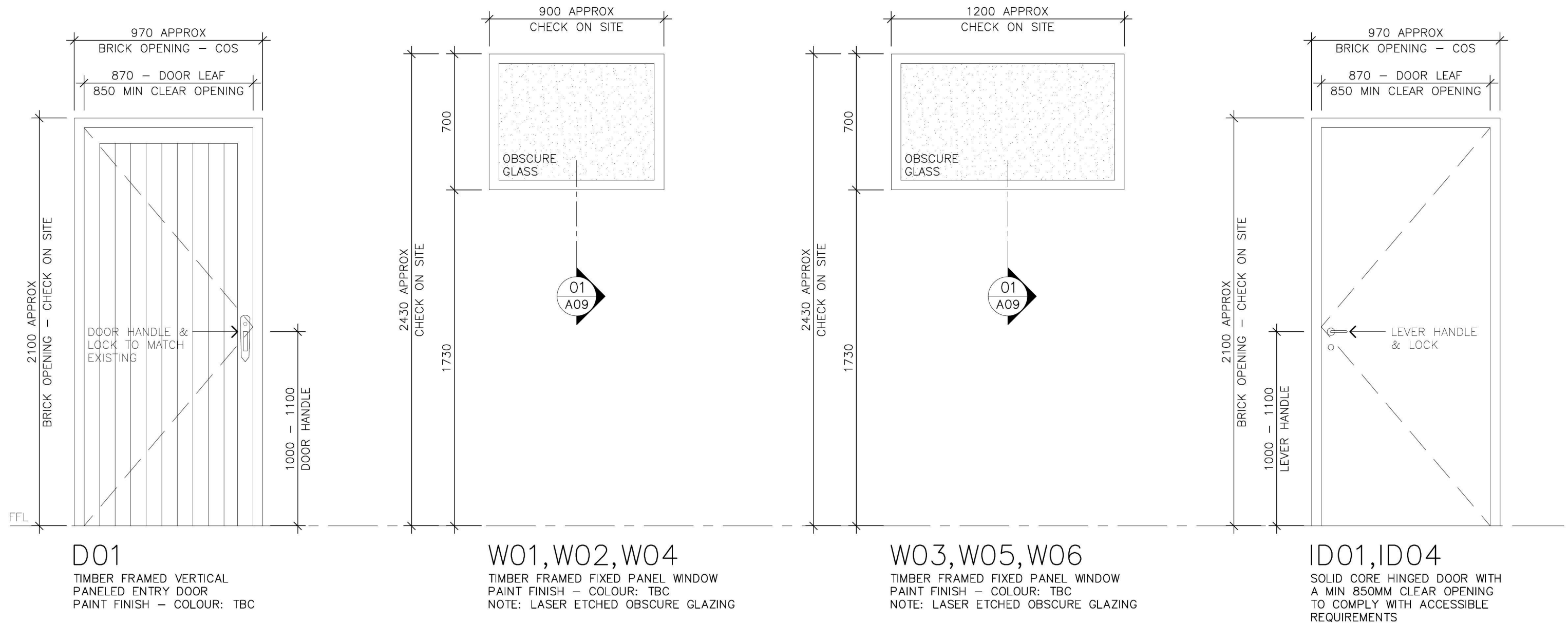
A06

DOOR & WINDOW NOTES

- ALL DOORS & WINDOWS ARE VIEWED FROM OUTSIDE
- DIMENSIONS SHOWN ARE ACTUAL FRAME SIZES, CONFIRM DIMENSIONS ON SITE
- ALL GLAZING TO BE SAFETY GLASS (LAMINATED OR TOUGHENED) MIN. 6.38MM IN ACCORDANCE WITH A.S 1288-1994: GLASS INSTALLATION CODE & THE BCA
- VERIFY INTERNAL FINISHES TO WINDOW SURROUNDS PRIOR TO BUILDING IN OF ANY FRAMES
- ALL DOORS & WINDOWS TO BE DELIVERED WITH AN APPROVED FINISH AND ADEQUATELY PROTECTED PRIOR TO AND AFTER INSTALLATION
- REFER TO INDIVIDUAL WINDOW DESCRIPTION
- WINDOW MANUFACTURER'S NAME AND DETAILS TO BE APPROVED PRIOR TO FABRICATION
- CONFIRM ALL DOOR SILL DETAILS PRIOR TO MANUFACTURE
- ALL HINGES TO BE STAINLESS STEEL BUTTS. ALL SCREWS TO BE STAINLESS STEEL STRAIGHT SLOTTED, WITH POSIDRIVE THREADS

HARDWARE

- REFER TO DOOR HARDWARE SCHEDULE FOR ALL DOOR HARDWARE



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 ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
 FOR PENRITH CITY COUNCIL

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TJ	1:20	17.01.19	TD	-
drawing				
PROPOSED DOOR & WINDOW SCHEDULE				

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19
issue	amendment	date

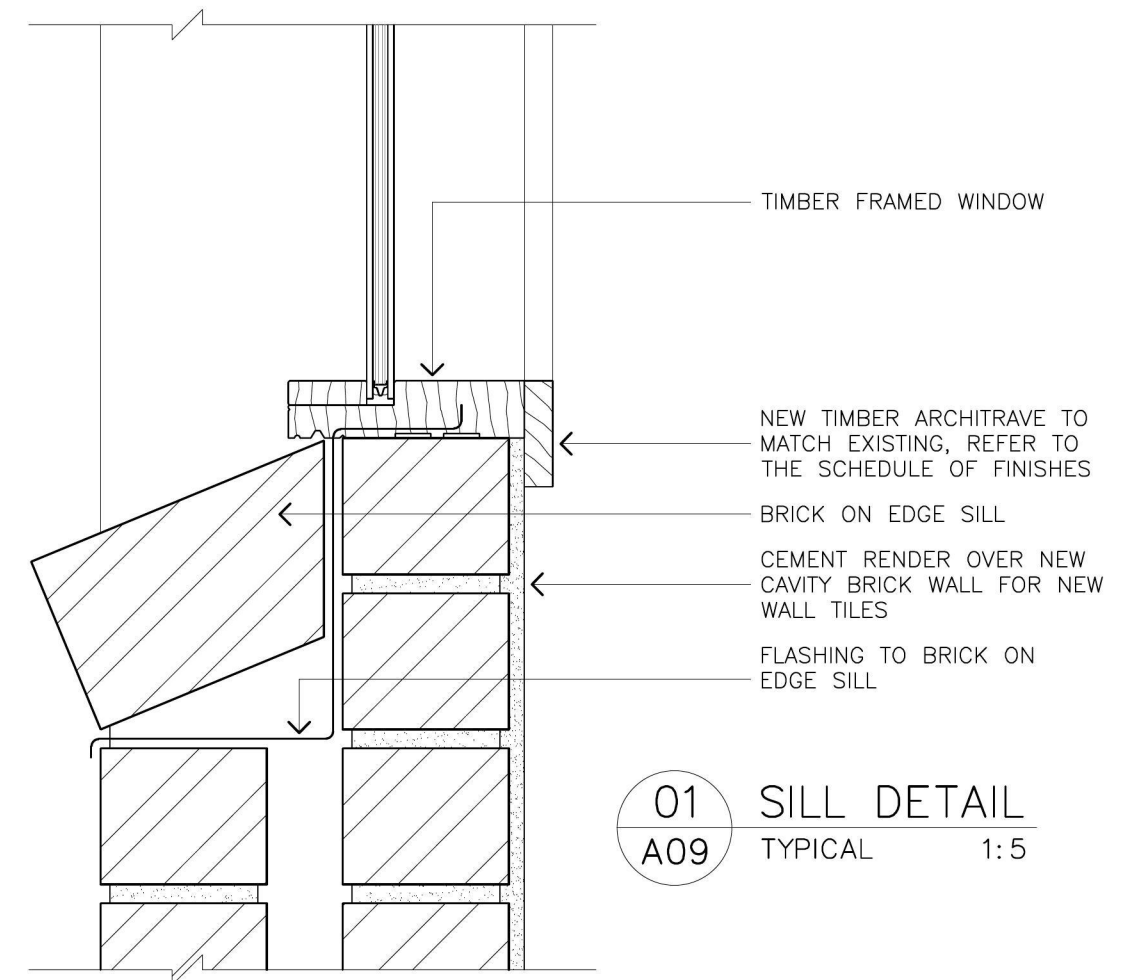
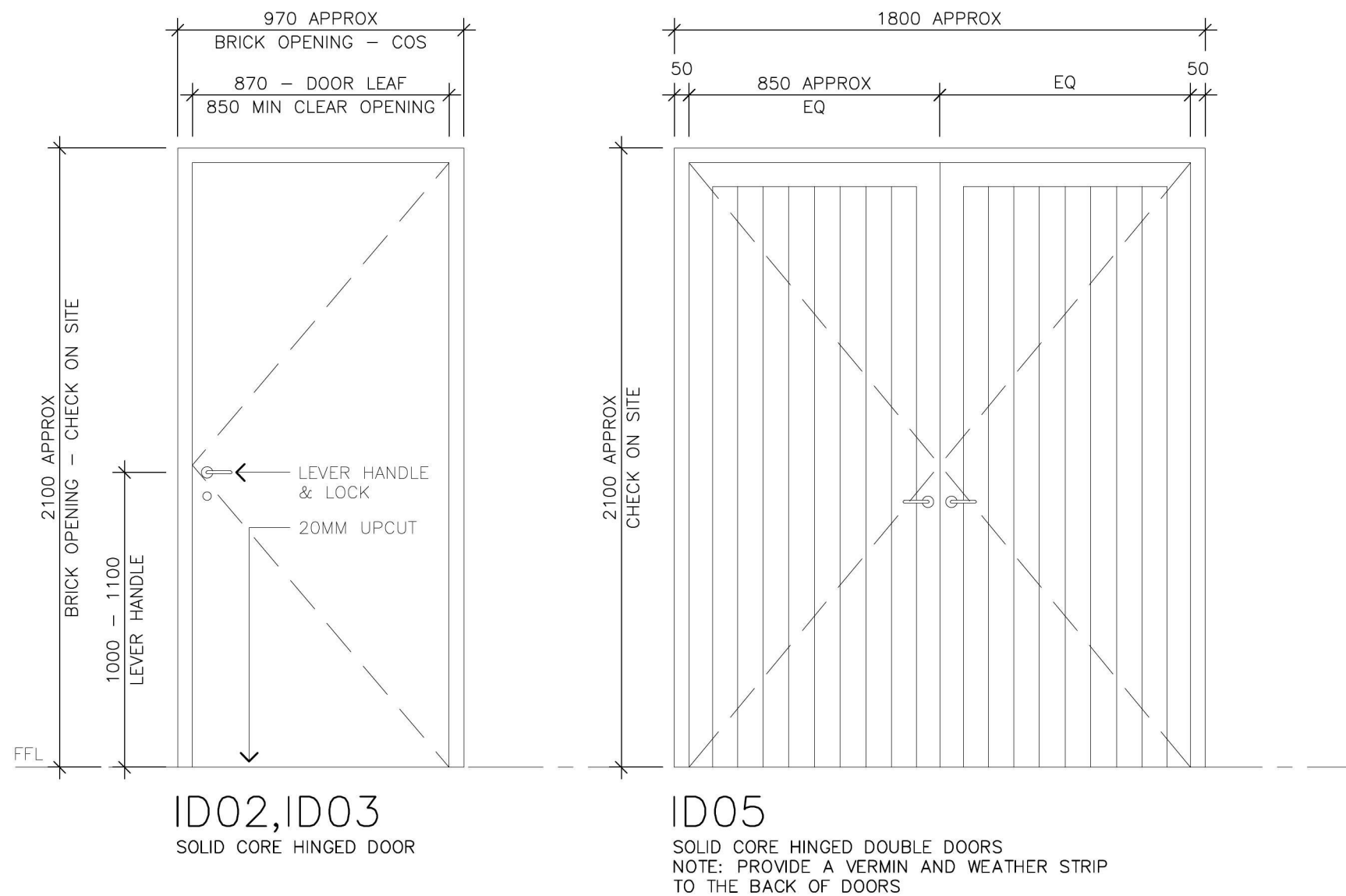
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DOOR & WINDOW NOTES

- ALL DOORS & WINDOWS ARE VIEWED FROM OUTSIDE
- DIMENSIONS SHOWN ARE ACTUAL FRAME SIZES, CONFIRM DIMENSIONS ON SITE
- ALL GLAZING TO BE SAFETY GLASS (LAMINATED OR TOUGHENED) MIN. 6.38MM IN ACCORDANCE WITH A.S 1288-1994: GLASS INSTALLATION CODE & THE BCA
- VERIFY INTERNAL FINISHES TO WINDOW SURROUNDS PRIOR TO BUILDING IN OF ANY FRAMES
- ALL DOORS & WINDOWS TO BE DELIVERED WITH AN APPROVED FINISH AND ADEQUATELY PROTECTED PRIOR TO AND AFTER INSTALLATION
- REFER TO INDIVIDUAL WINDOW DESCRIPTION
- WINDOW MANUFACTURER'S NAME AND DETAILS TO BE APPROVED PRIOR TO FABRICATION
- CONFIRM ALL DOOR SILL DETAILS PRIOR TO MANUFACTURE
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HARDWARE

- REFER TO DOOR HARDWARE SCHEDULE FOR ALL DOOR HARDWARE



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ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

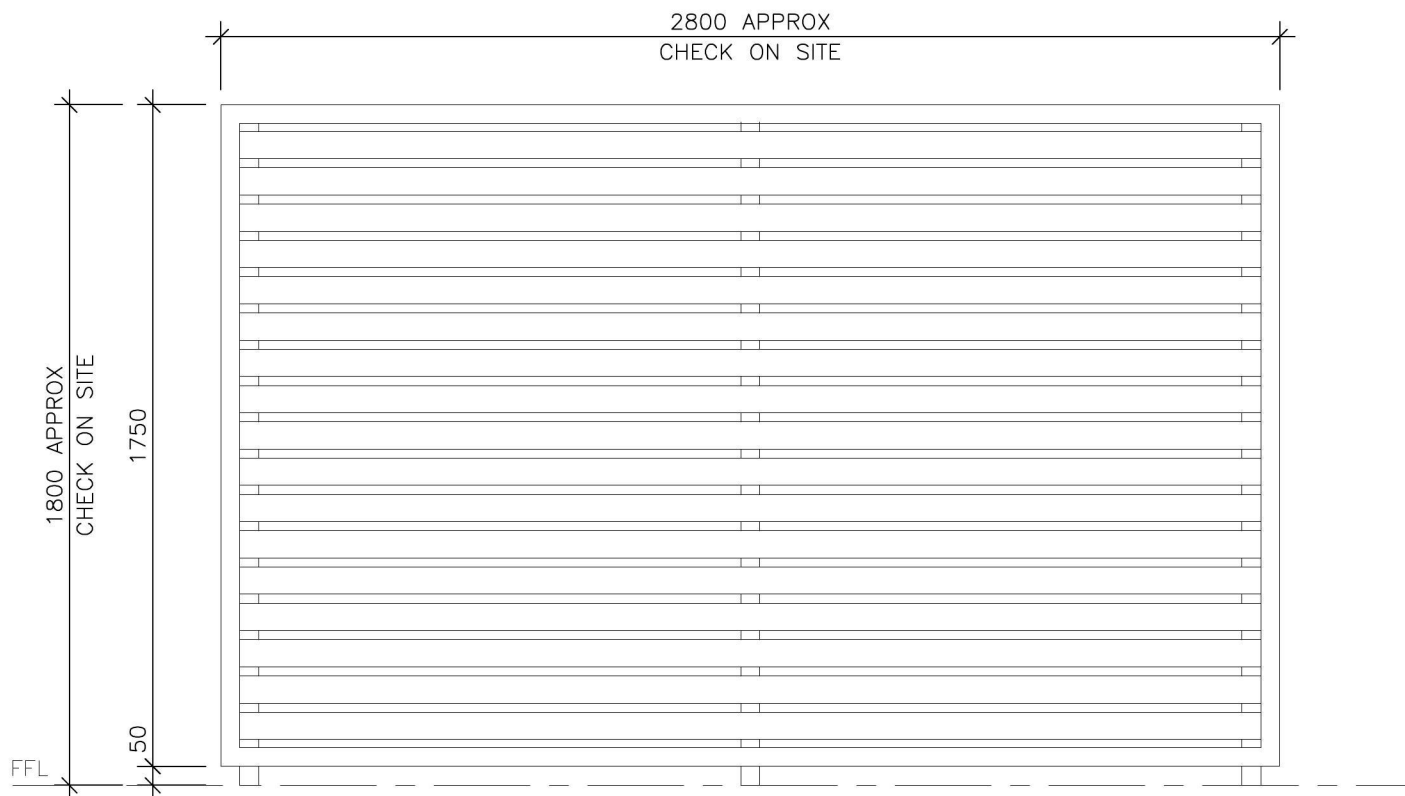
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drawn	scale	date	issue	amend
TJ	1:20	17.01.19	TD	-
drawing				
PROPOSED DOOR & WINDOW SCHEDULE				

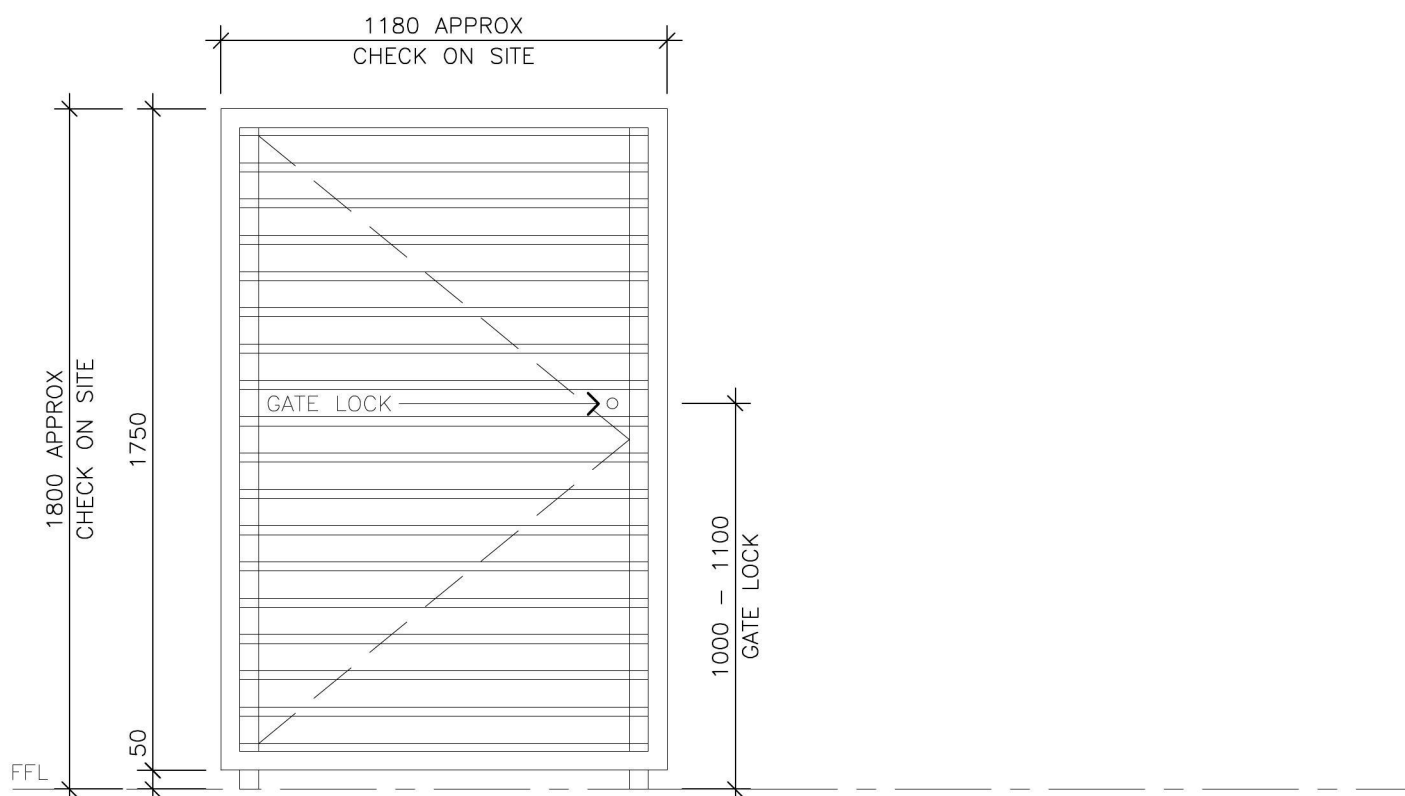
issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19
issue	amendment	date

A09



P01

PROPRIETARY ALUMINUM FRAMED SLAT ENCLOSURE TO EXISTING AIR CONDITIONING UNIT ENCLOSURE FIXED TO VERTICAL STEEL POSTS
POWDERCOAT FINISH - COLOUR: TBC



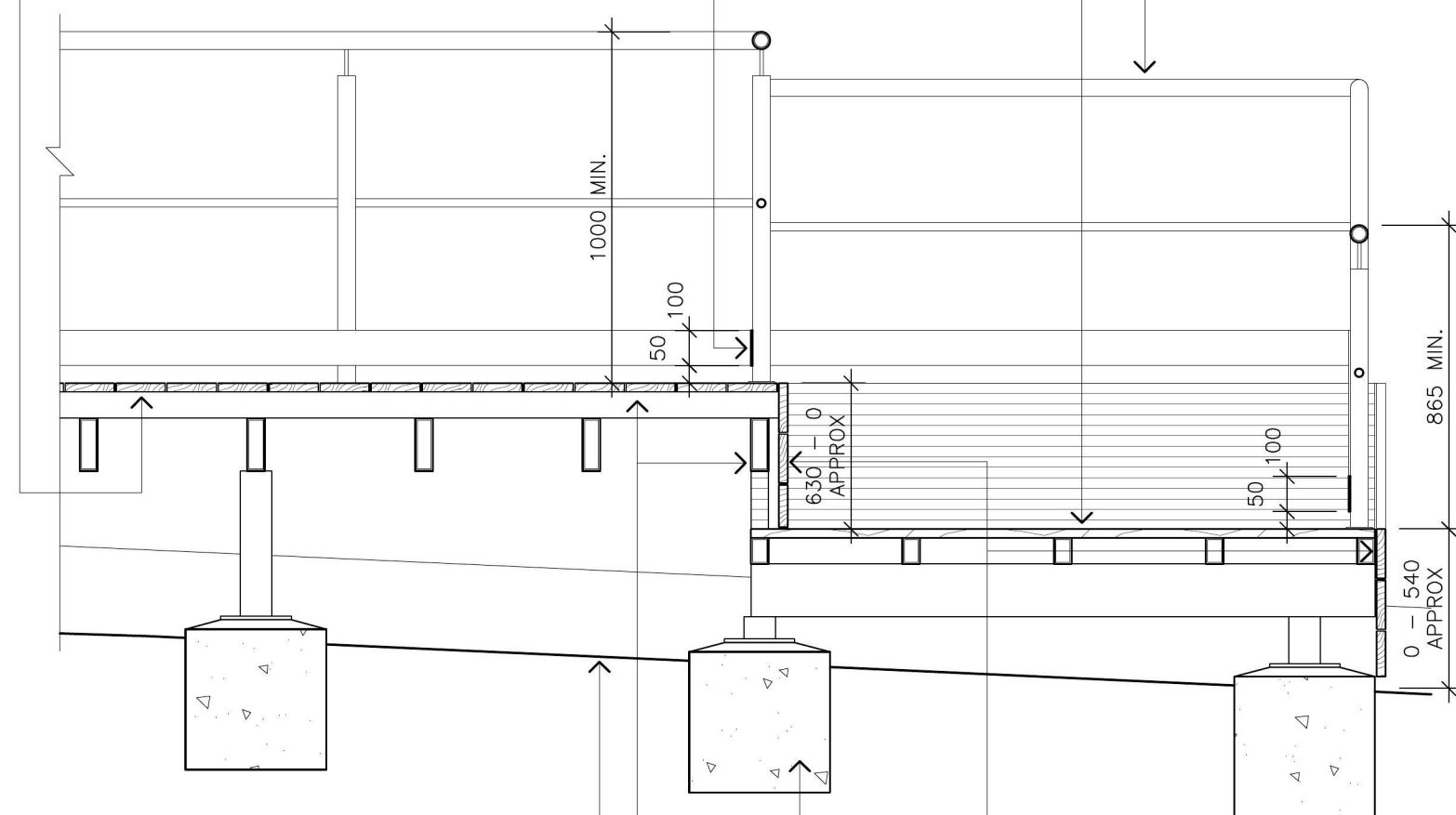
P01

PROPRIETARY ALUMINUM FRAMED SLAT ENCLOSURE & GATE WITH KEYED LOCK TO EXISTING AIR CONDITIONING UNIT ENCLOSURE FIXED TO VERTICAL STEEL POSTS
POWDERCOAT FINISH - COLOUR: TBC

50MM CHS S/S HANDRAIL ON 10MM PIN FIXINGS TO 50MM DIA. GAL. STEEL POSTS WITH BASE FIXINGS BOLTED TO NEW STEEL FRAMED DECK & RAMP
NOTE: ALL JOINTS TO BE GROUND SMOOTH

140 X 19MM INEX MAXIDECK DECKING BOARDS FIXED OVER STEEL PURLINS TO DECK & RAMP, REFER TO THE SCHEDULE OF FINISHES

100X5MM GALVANISED STEEL PLATE KERB TO BALUSTRADE IN ACCORDANCE WITH AS1428.1-2009



LINE OF EXISTING NATURAL GROUND LEVEL

NEW STEEL FRAMED DECK & RAMP STRUCTURE, REFER TO THE STRUCTURAL ENGINEER'S DETAIL

NEW RC CONCRETE FOOTINGS TO RAMP & DECK STRUCTURE, REFER TO THE STRUCTURAL ENGINEER'S DETAIL

140X19MM INEX MAXIDECK DECKING BOARDS FIXED TO RAMP & DECK SIDES, REFER TO THE SCHEDULE OF FINISHES

01 CROSS SECTION
A10 RAMP & BALUSTRADE 1:20

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ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

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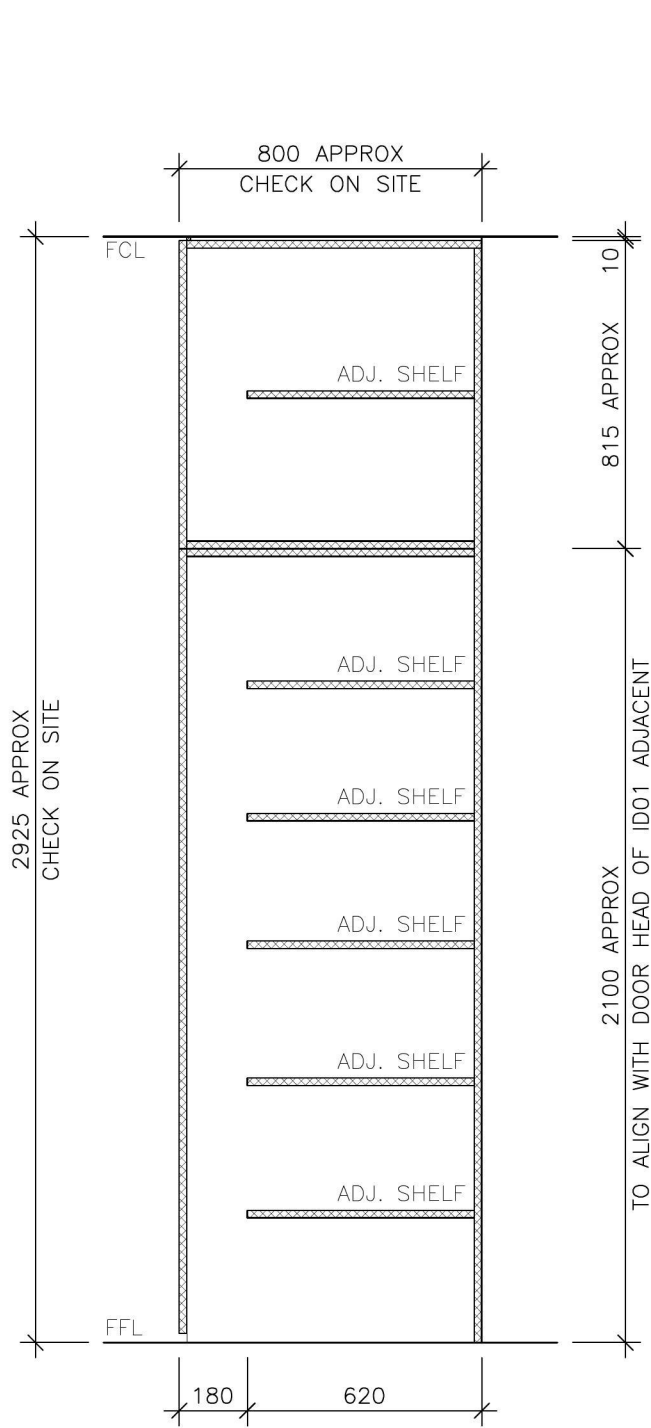
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drawn	scale	date	issue	amend
TJ	1:20	17.01.19	TD	-

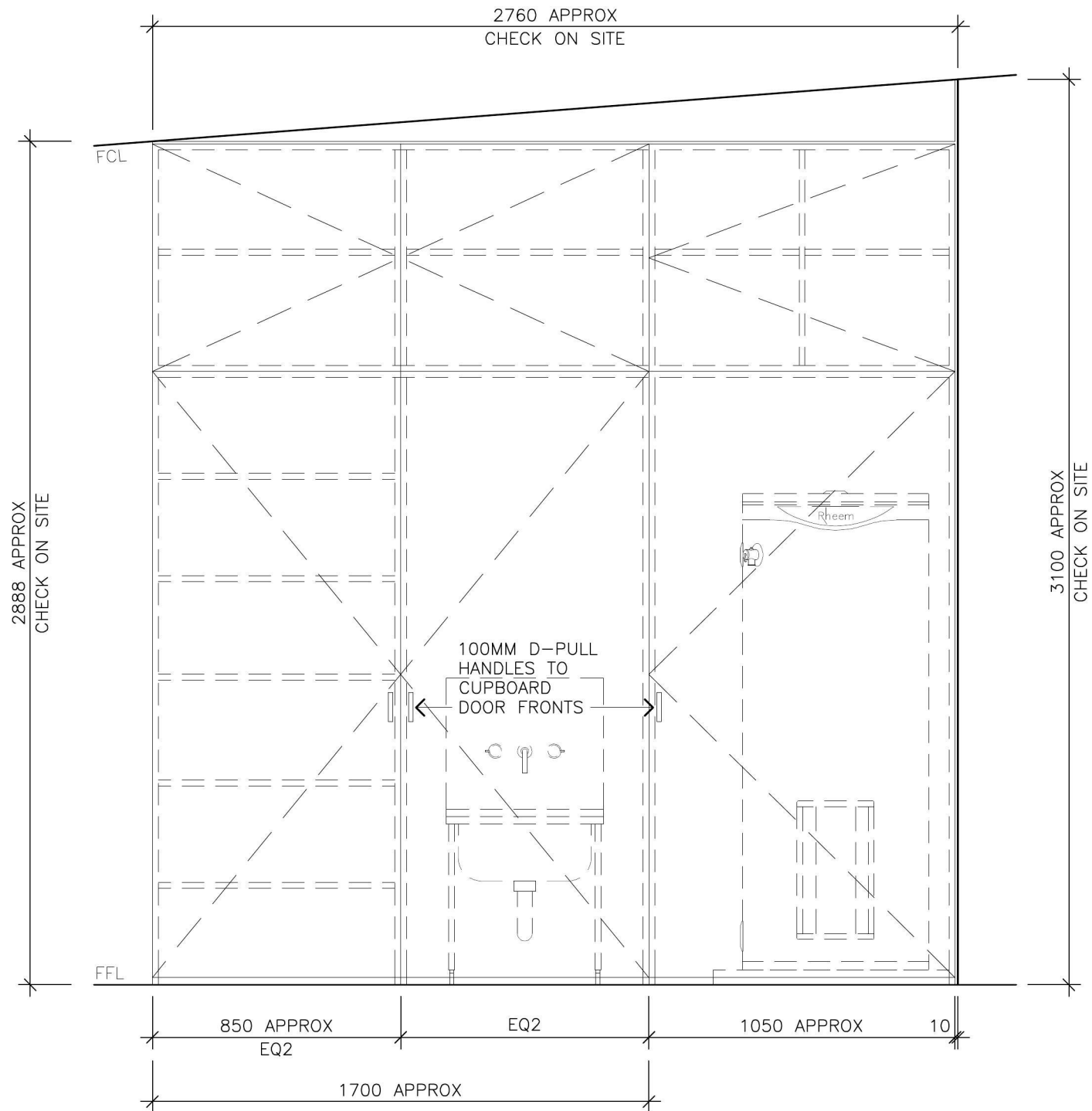
drawing
PROPOSED AC SCREEN, RAMP & BALUSTRADE DETAILS

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

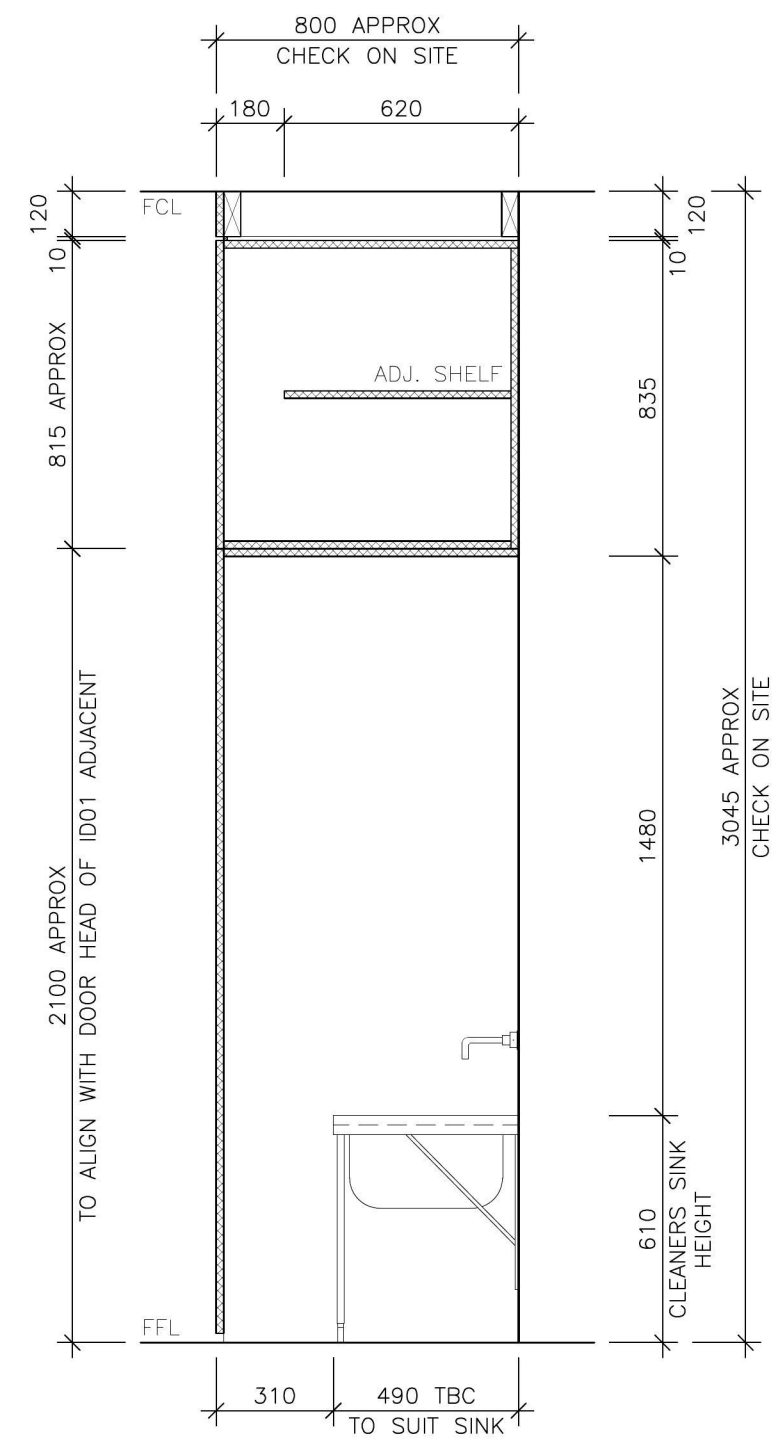
A10



01 CROSS SECTION
A12 CLEANER CUP'D 1:20



02 INTERNAL ELEVATION
A12 CLEANER CUPBOARD 1:20



03 CROSS SECTION
A12 CLEANER CUP'D 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

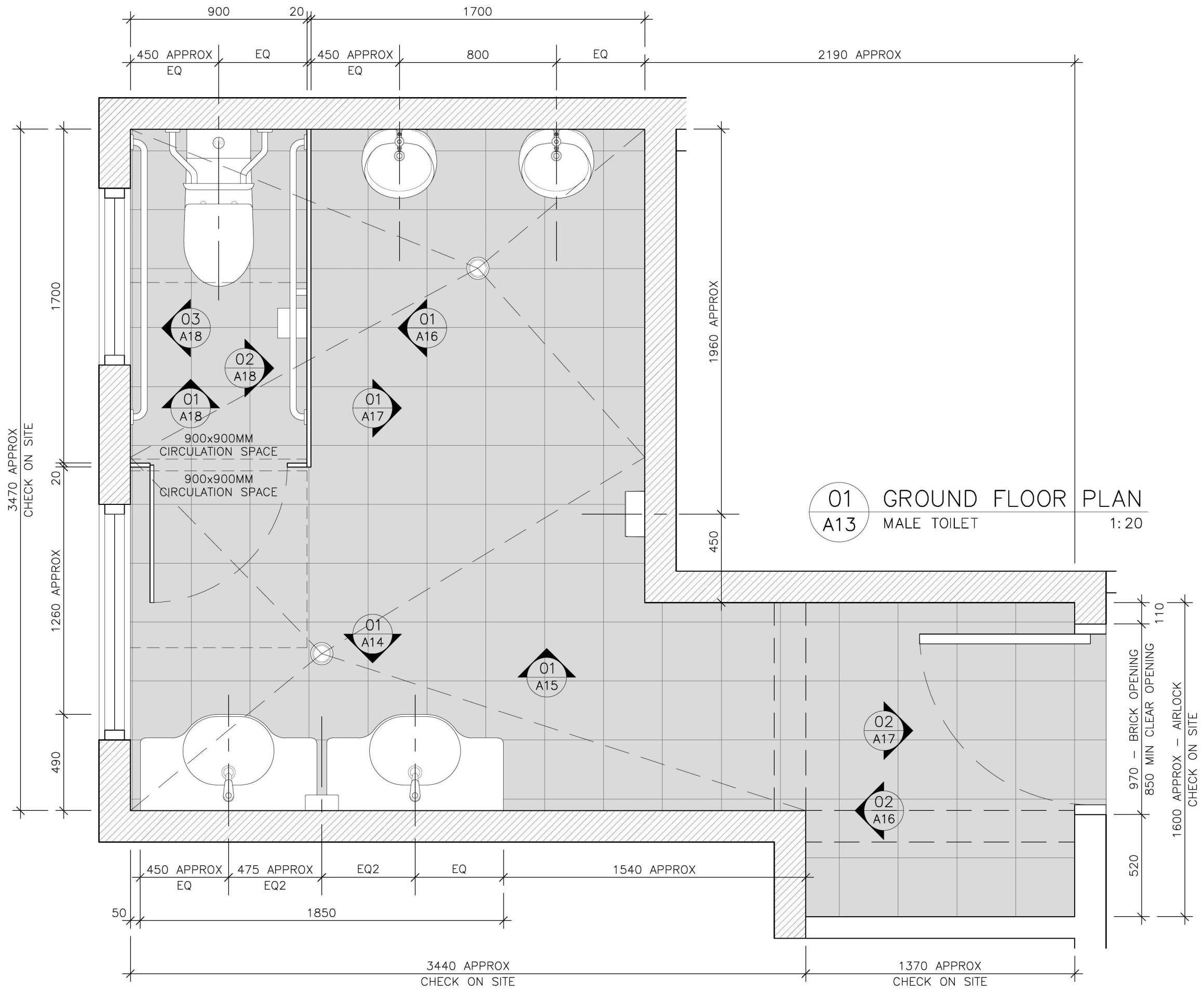
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drawn	scale	date	issue	amend
TJ	1:20	17.01.19	TD	-
drawing				
PROPOSED CLEANER CUPBOARD DETAILS				

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19
issue	amendment	date

A12



1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
 ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
 FOR PENRITH CITY COUNCIL

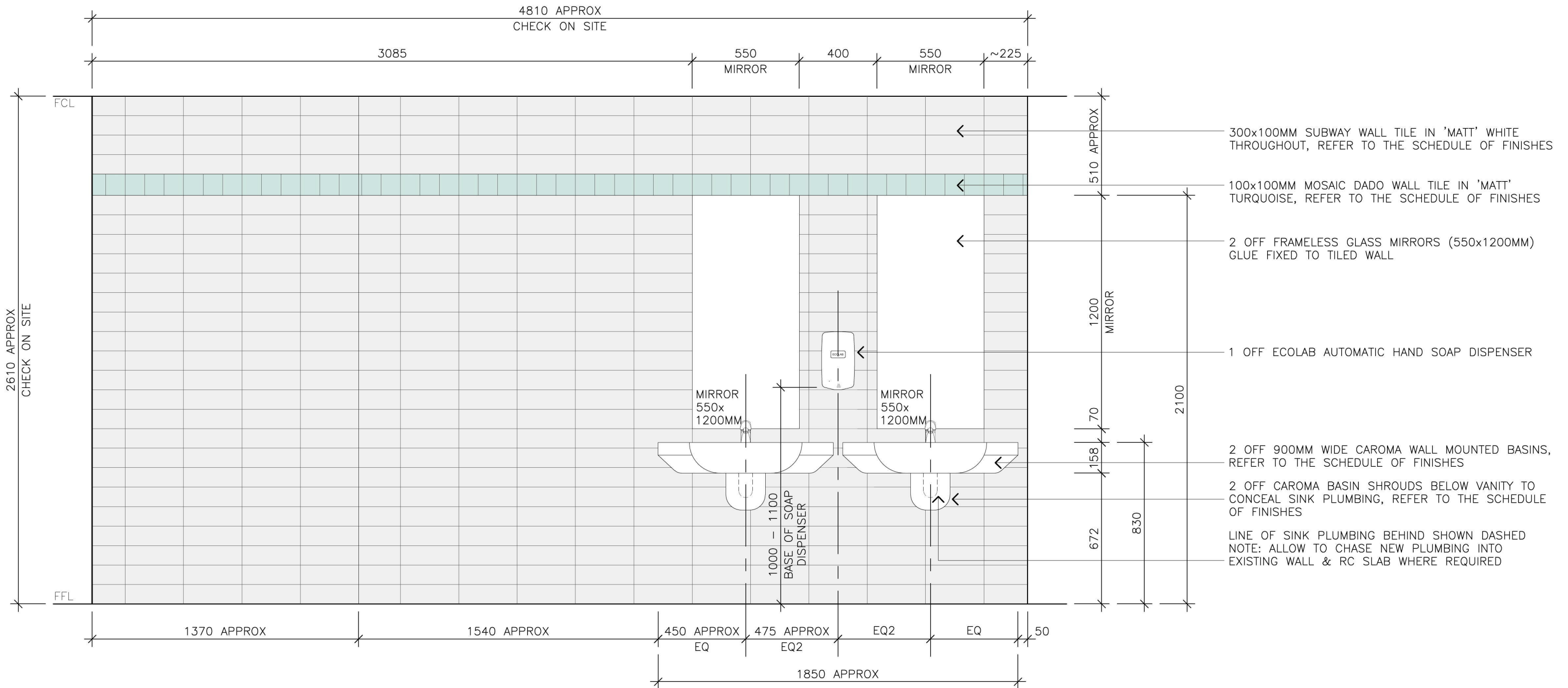
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drawn	scale	date	issue	amend
TJ	1:20	17.01.19	TD	-
drawing				
PROPOSED MALE TOILET DETAILS				

TD	DA	issue	amendment	date
-	-	TENDER ISSUE	-	08.03.19
-	-	DA ISSUE	-	21.01.19
-	-	issue	amendment	date

A13



01 INTERNAL ELEVATION
A14 MALE TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
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FOR PENRITH CITY COUNCIL

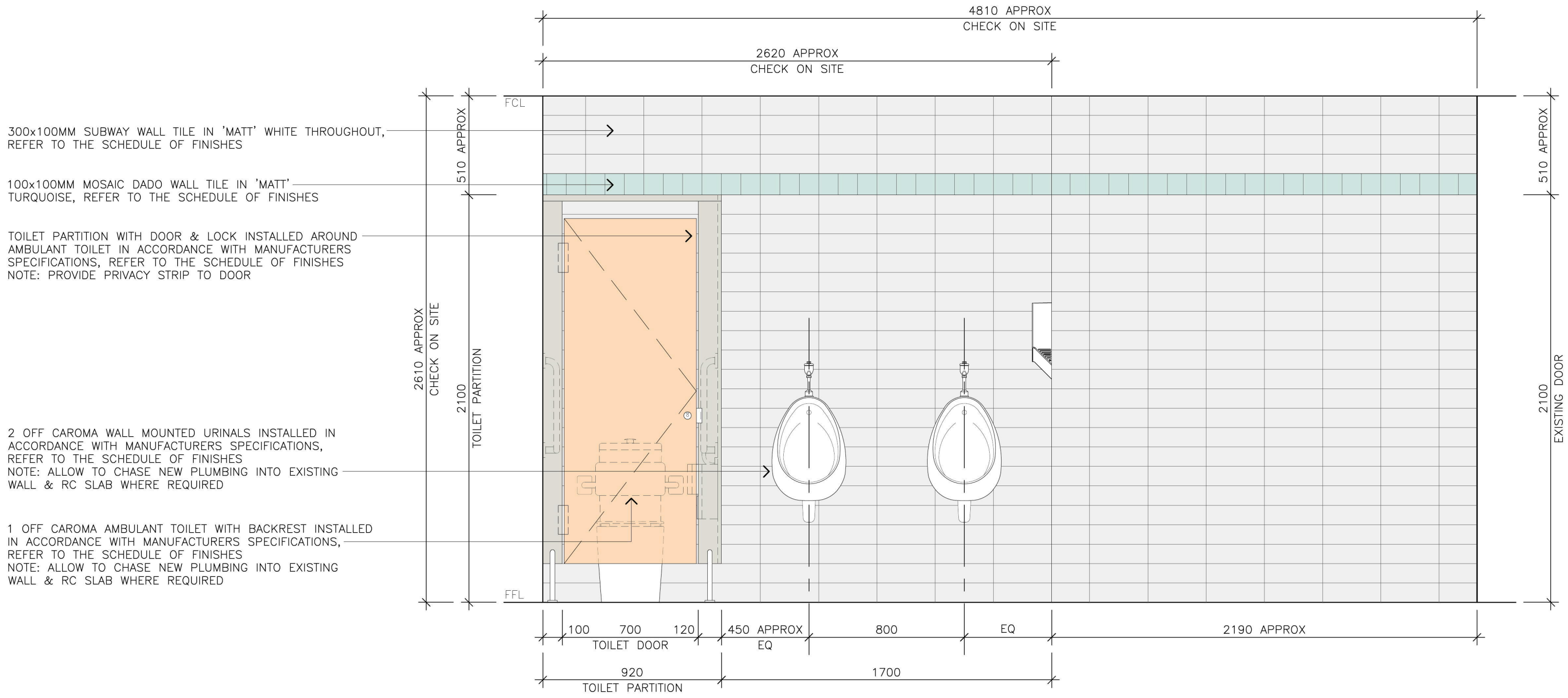
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drawn	scale	date	issue	amend
TJ	1:20	17.01.19	TD	-
drawing				
PROPOSED MALE TOILET DETAILS				

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19
issue	amendment	date

A14



01 INTERNAL ELEVATION
A15 MALE TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

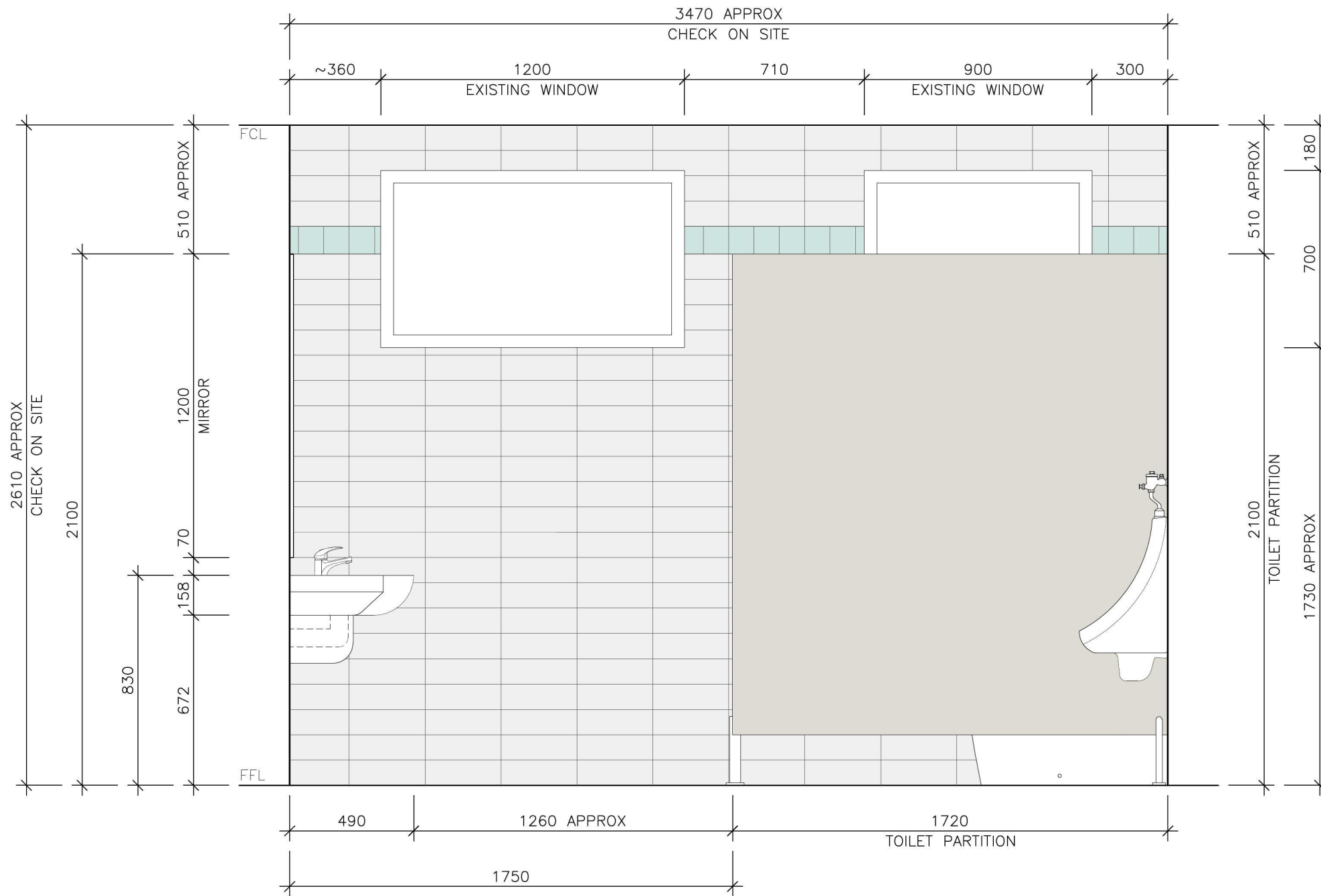
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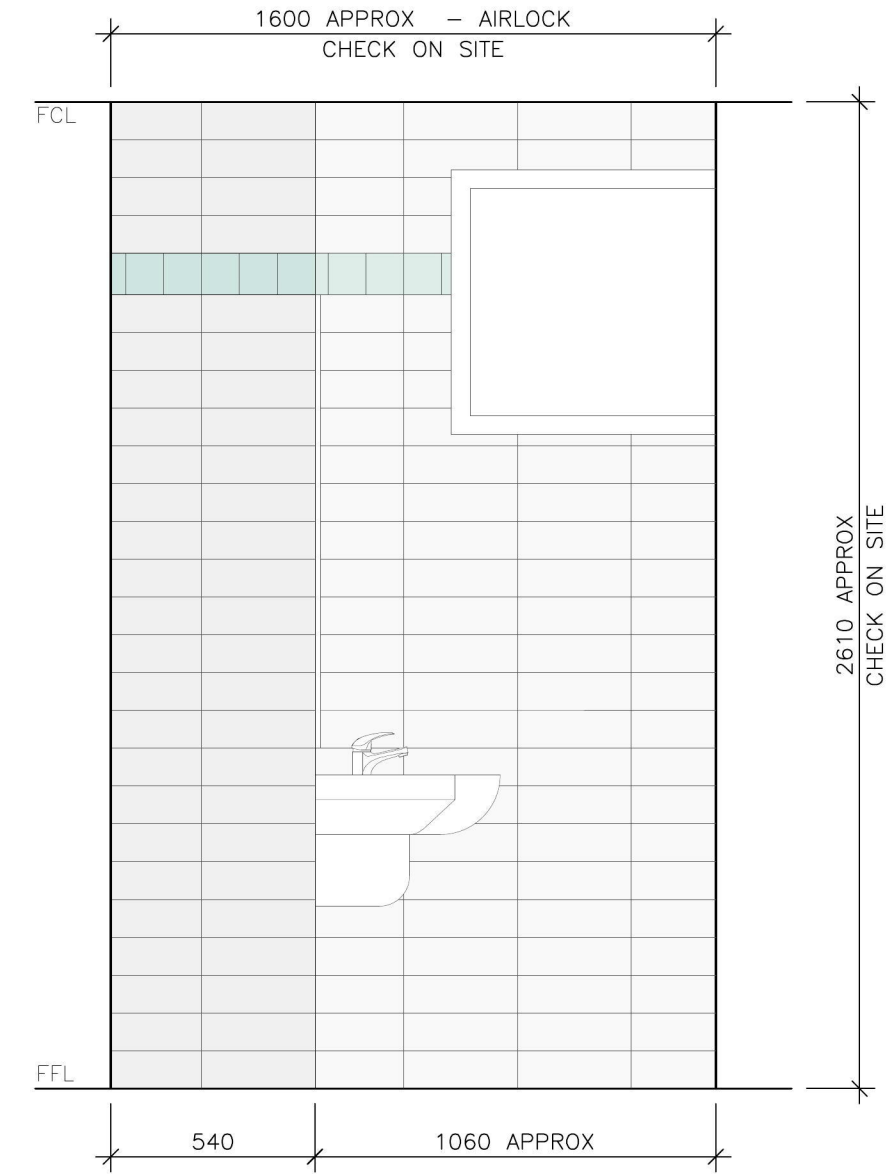
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drawing				
PROPOSED MALE TOILET DETAILS				

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19
issue	amendment	date

A15



01 INTERNAL ELEVATION
A16 MALE TOILET 1:20



02 INTERNAL ELEVATION
A16 MALE TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
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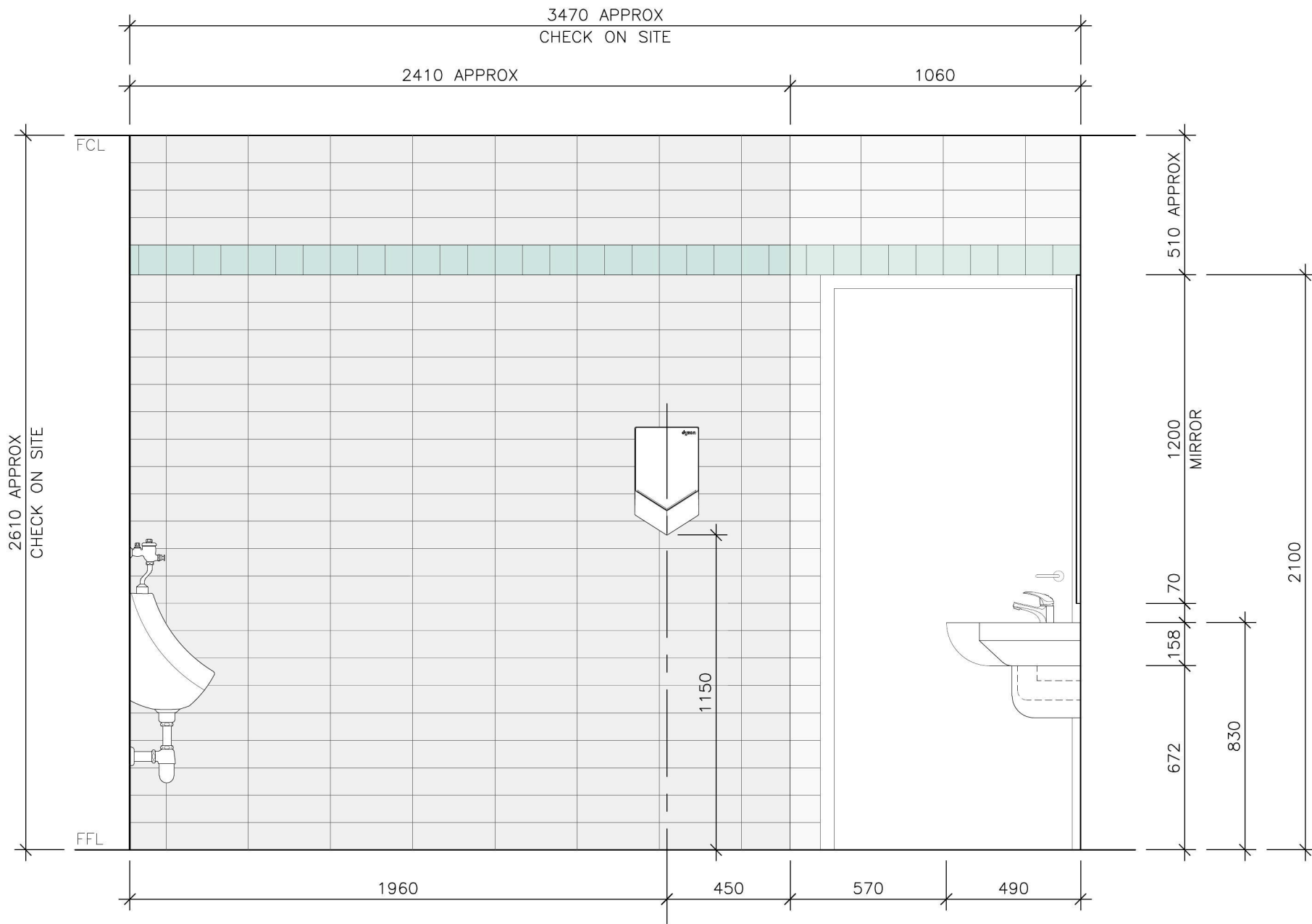
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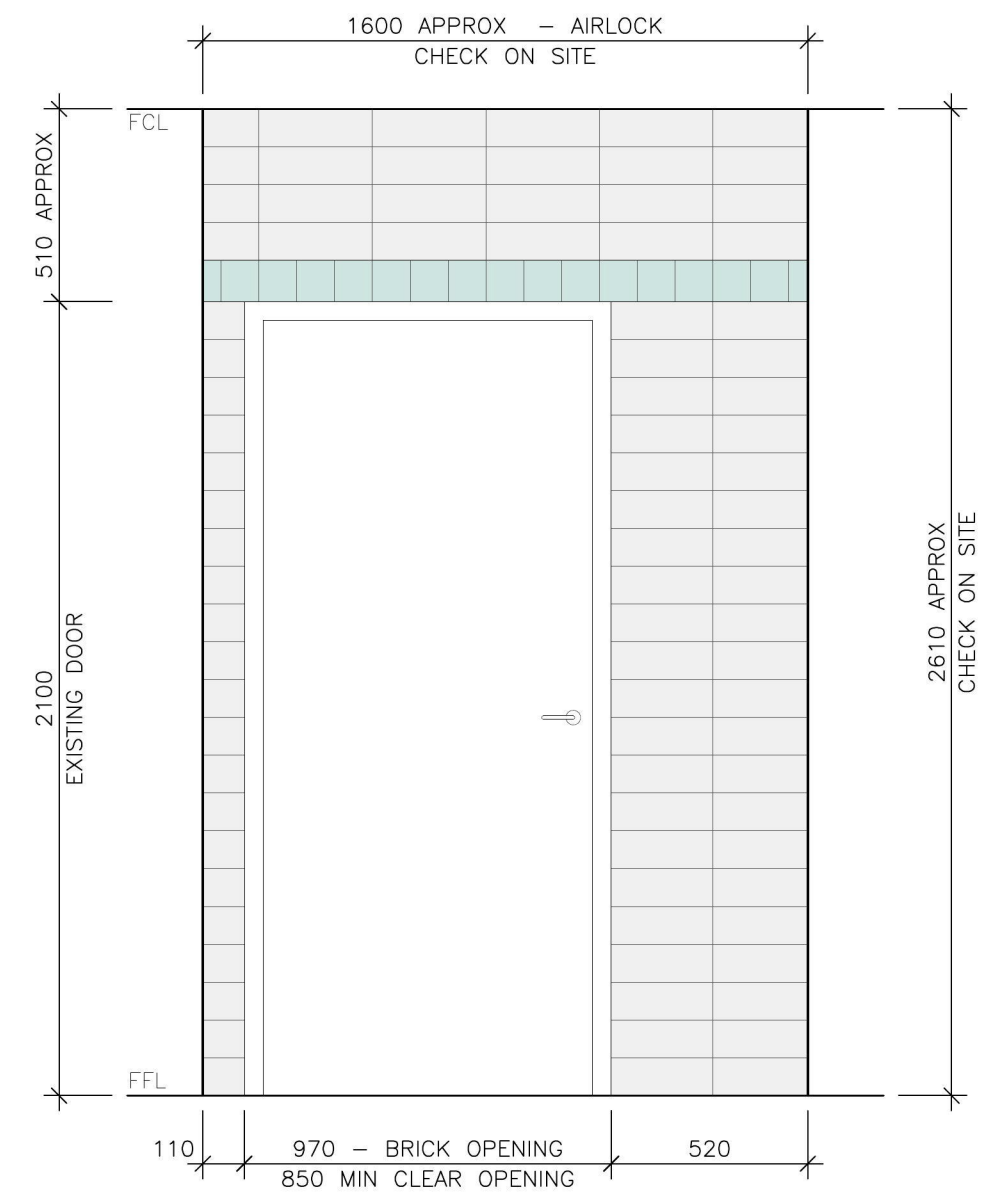
drawing
PROPOSED MALE TOILET DETAILS

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

A16



01 INTERNAL ELEVATION
A17 MALE TOILET 1:20



02 INTERNAL ELEVATION
A17 MALE TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

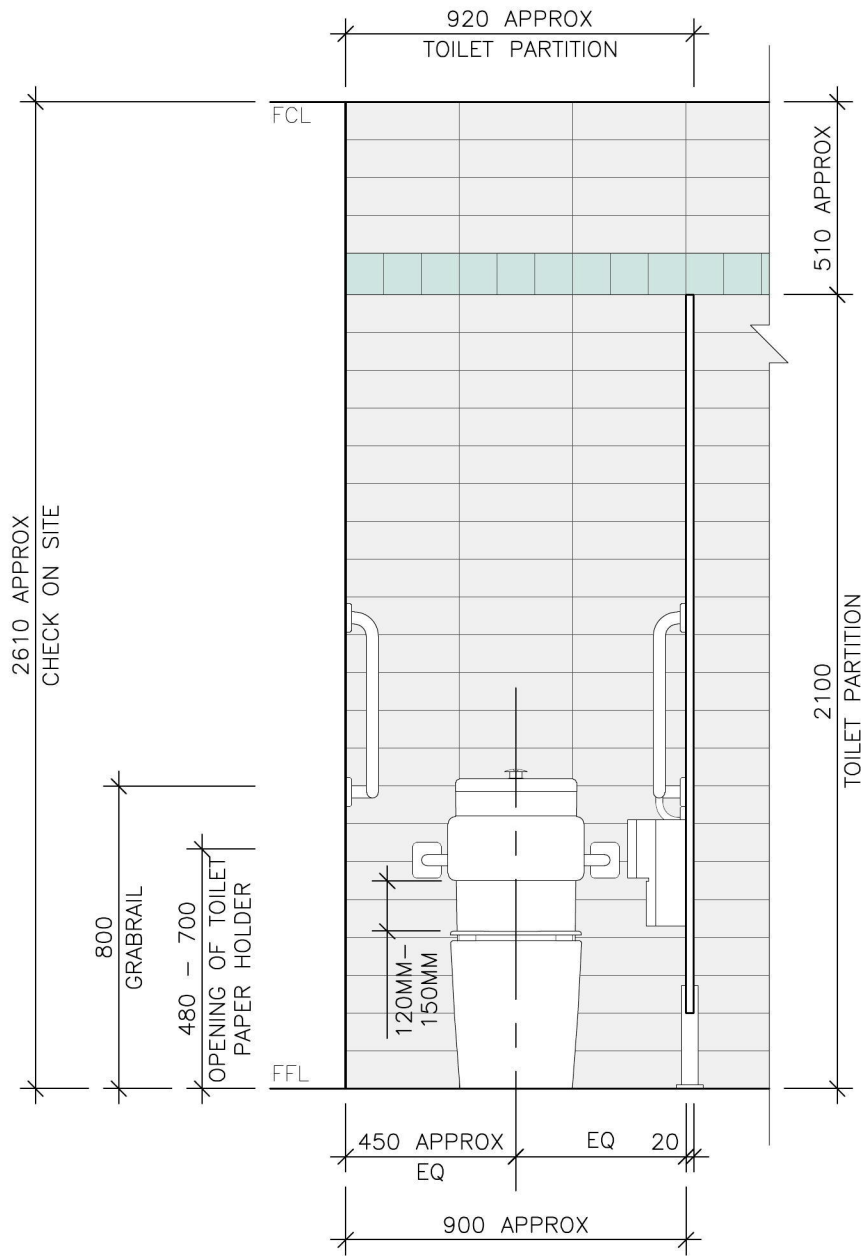
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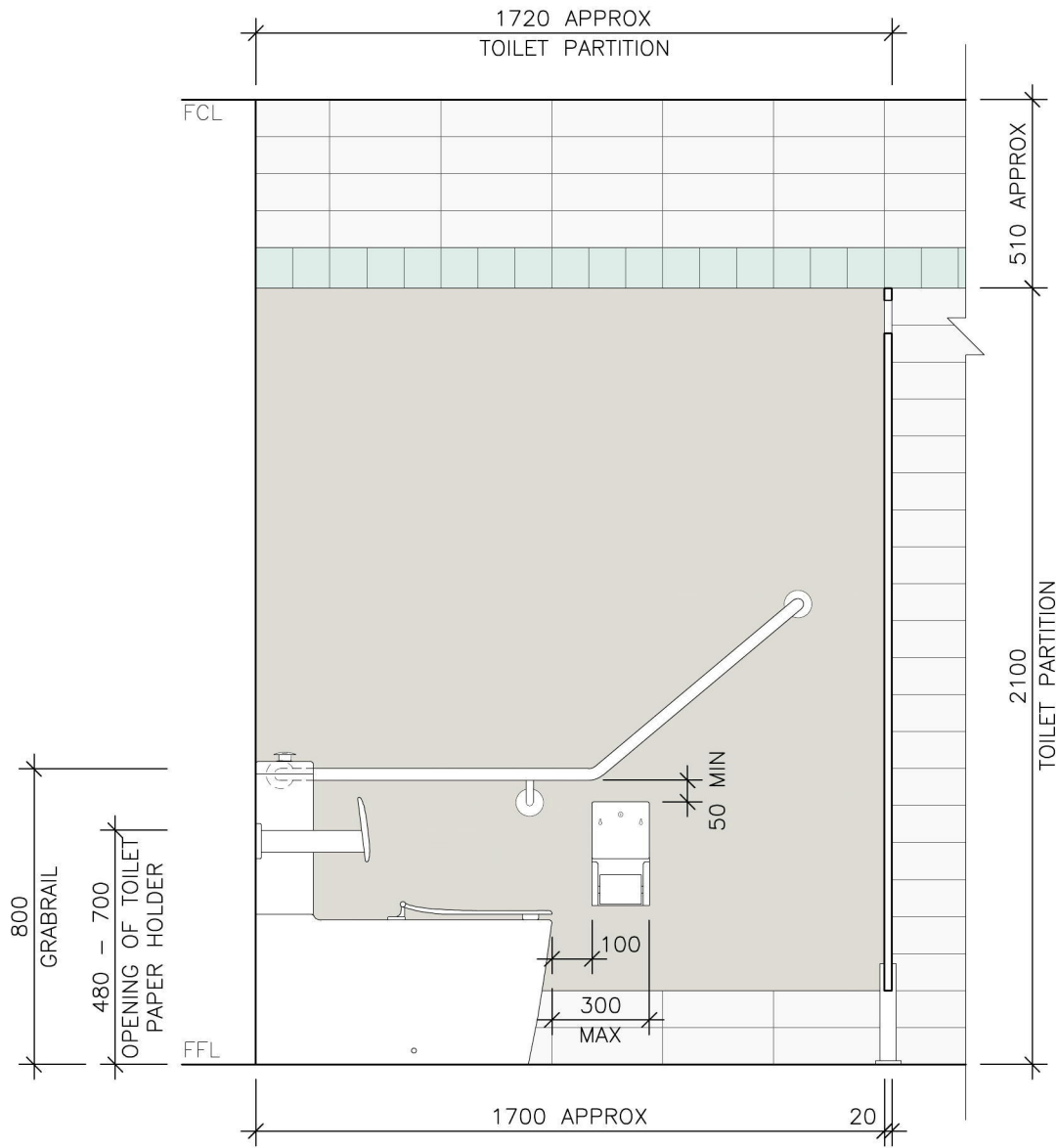
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drawing				
PROPOSED MALE TOILET DETAILS				

issue	amendment	date
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DA	DA ISSUE	21.01.19

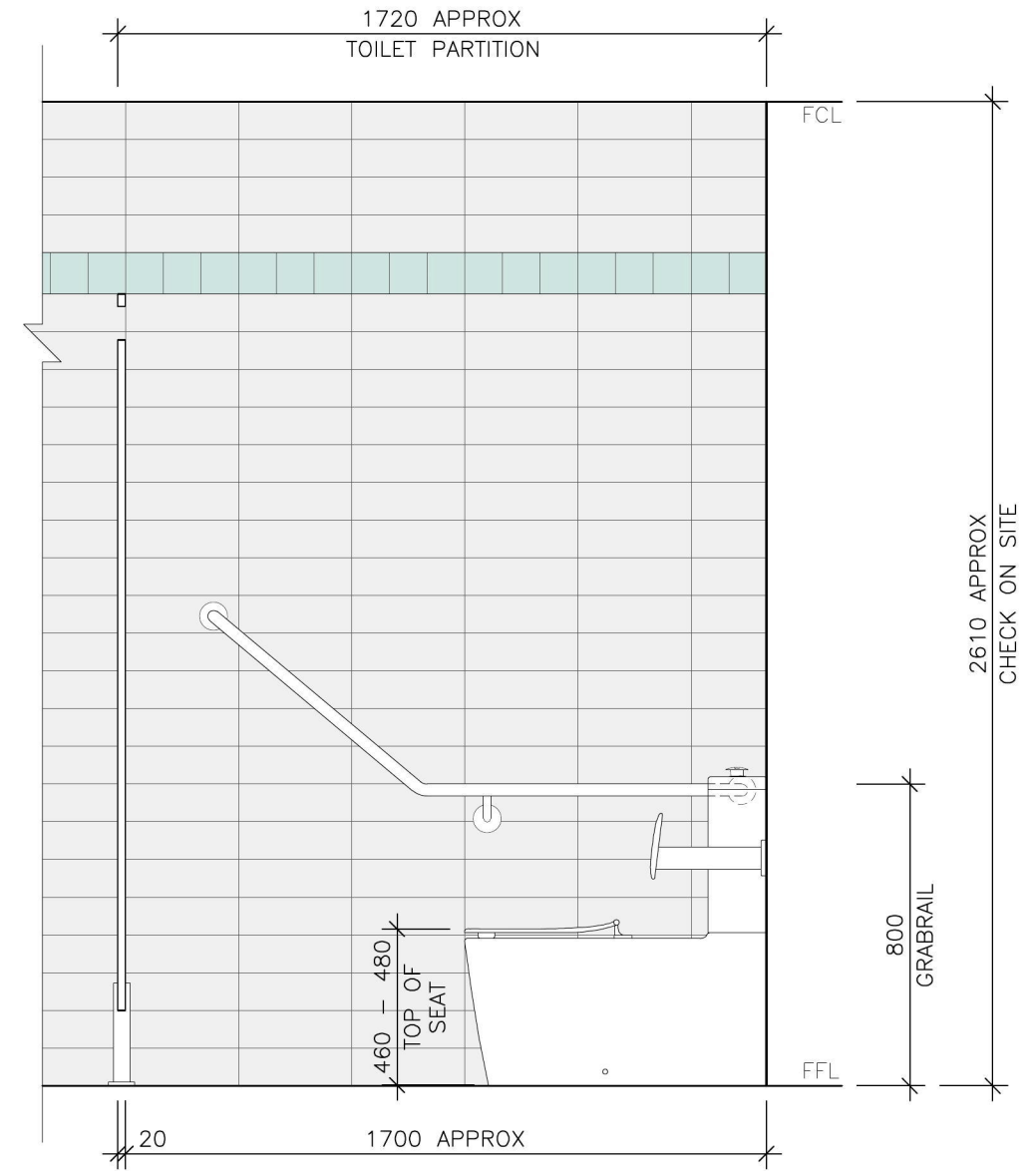
A17



01 INTERNAL ELEVATION
A18 MALE TOILET 1:20



02 INTERNAL ELEVATION
A18 MALE TOILET 1:20



03 INTERNAL ELEVATION
A18 MALE TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
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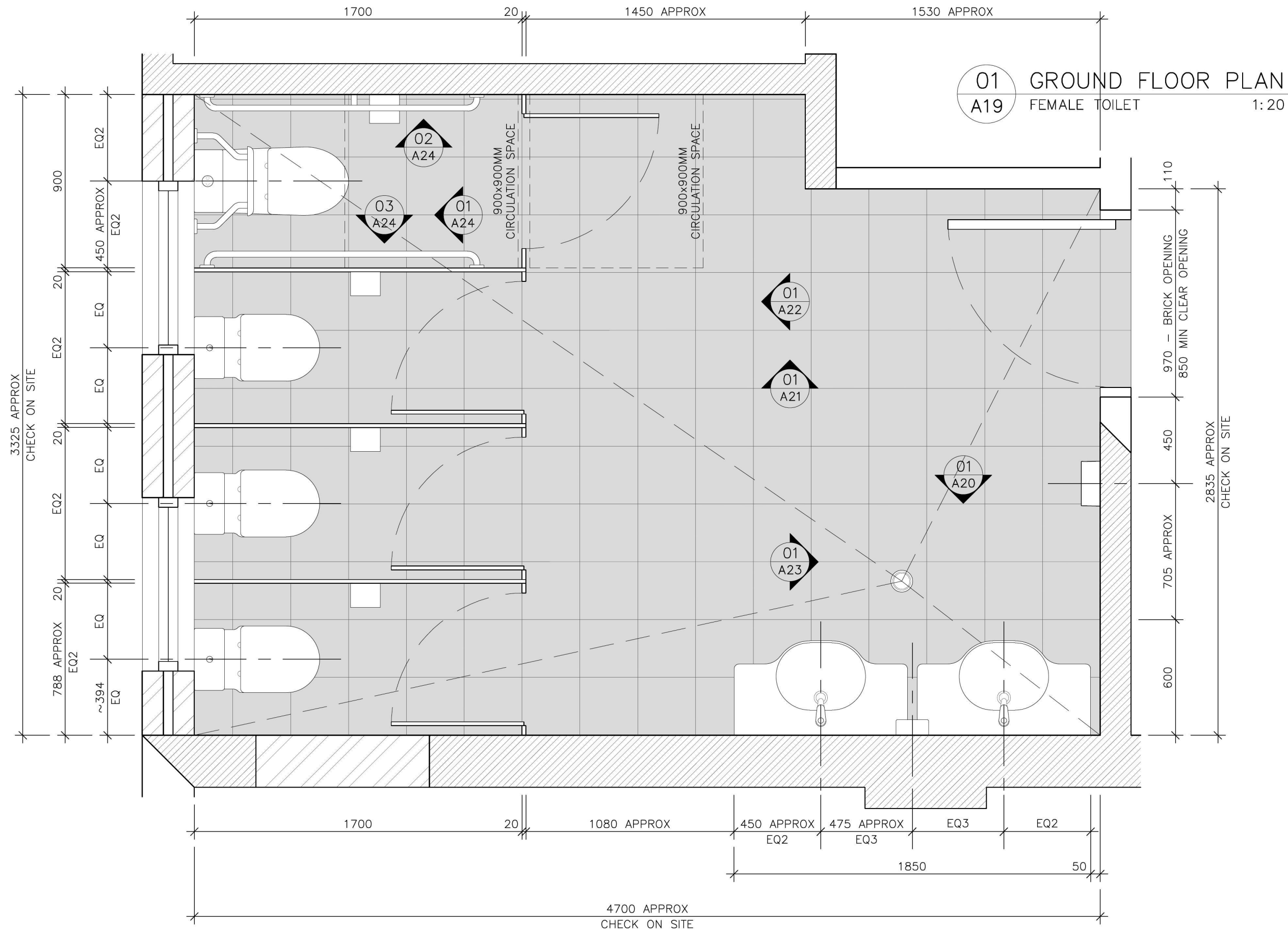
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TJ	1:20	17.01.19	TD	-

drawing
PROPOSED MALE TOILET DETAILS

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

A18



1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
 ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
 FOR PENRITH CITY COUNCIL

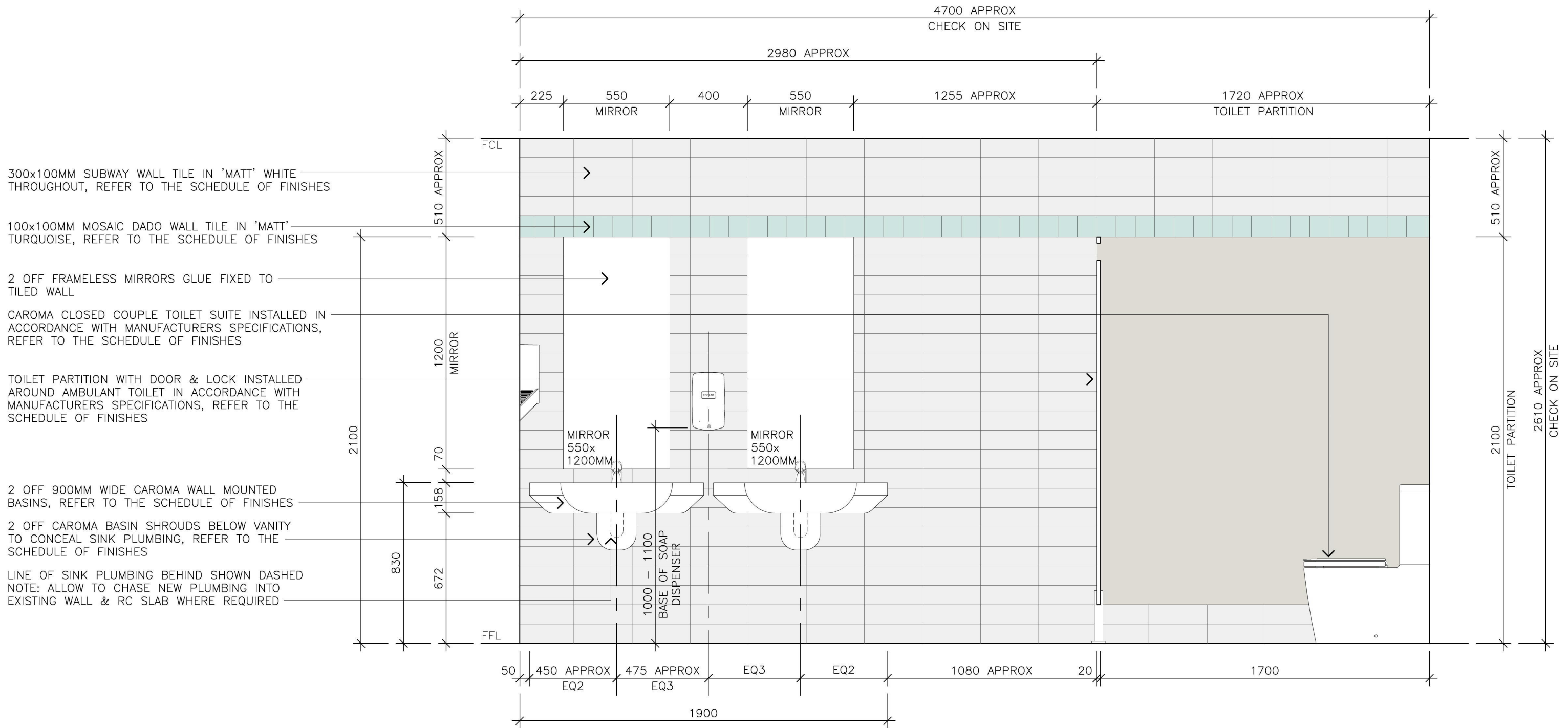
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TJ	1:20	17.01.19	TD	-
drawing				
PROPOSED FEMALE TOILET DETAILS				

TD	DA	issue	amendment	date
-	-	TENDER ISSUE	-	08.03.19
-	-	DA ISSUE	-	21.01.19

A19



01 INTERNAL ELEVATION
A20 FEMALE TOILET 1:20

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ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

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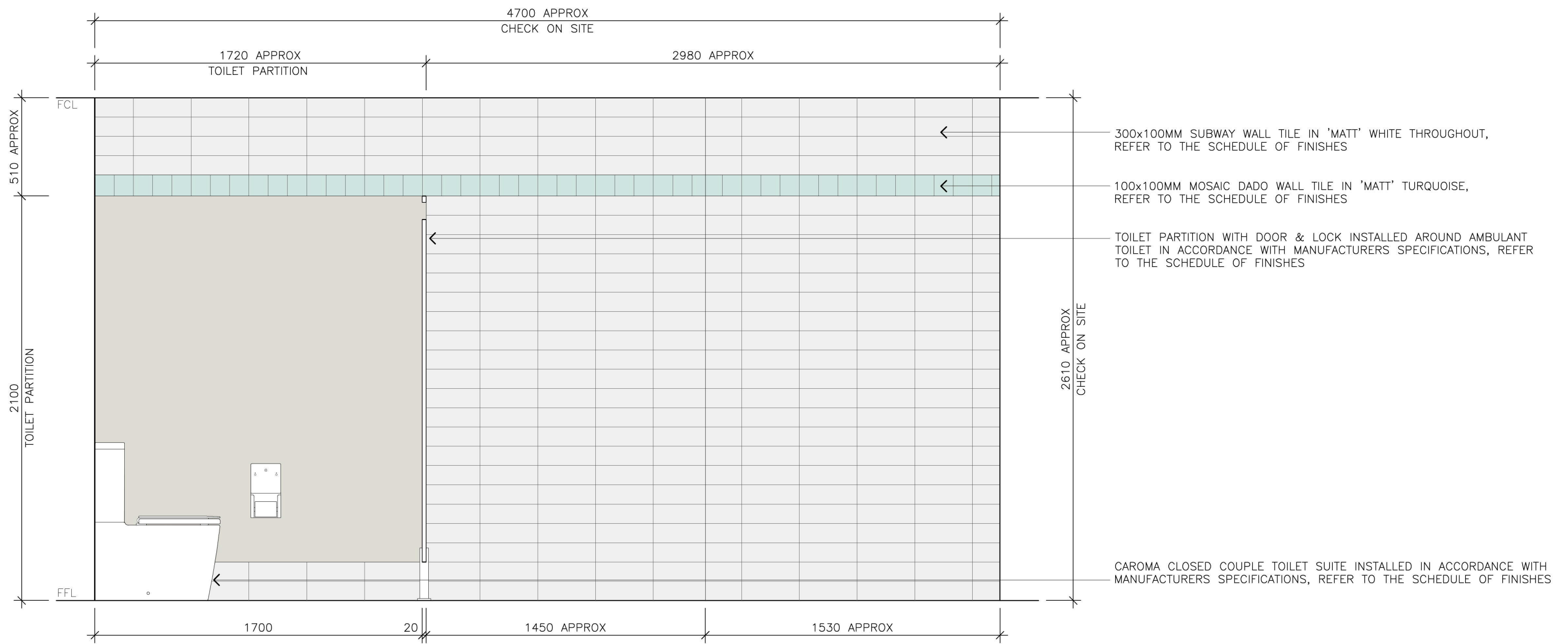
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drawn	scale	date	issue	amend
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drawing
PROPOSED FEMALE TOILET DETAILS

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

A20



01 INTERNAL ELEVATION
A21 FEMALE TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

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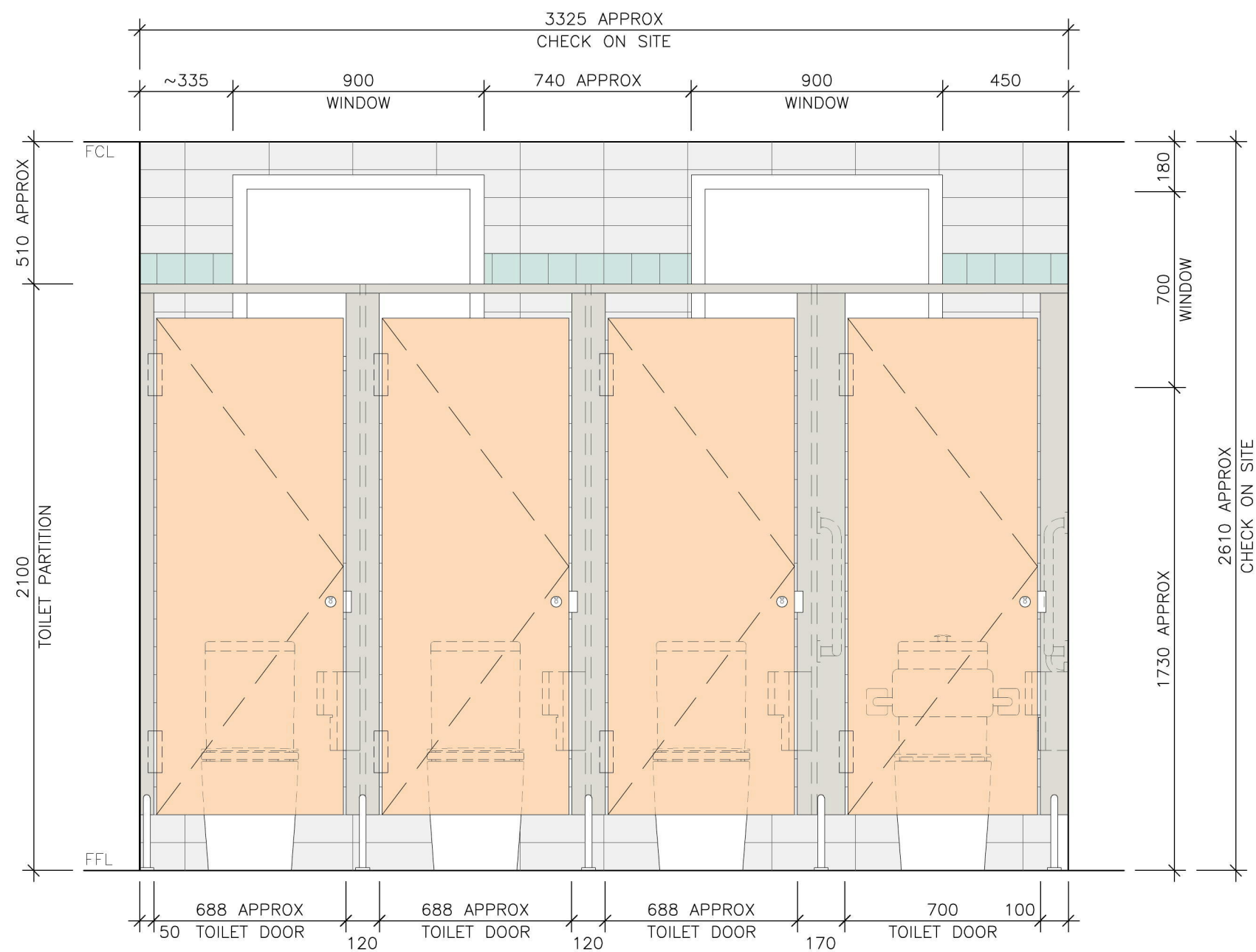
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drawn	scale	date	issue	amend
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drawing
PROPOSED FEMALE TOILET DETAILS

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

A21



01 INTERNAL ELEVATION
A22 FEMALE TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

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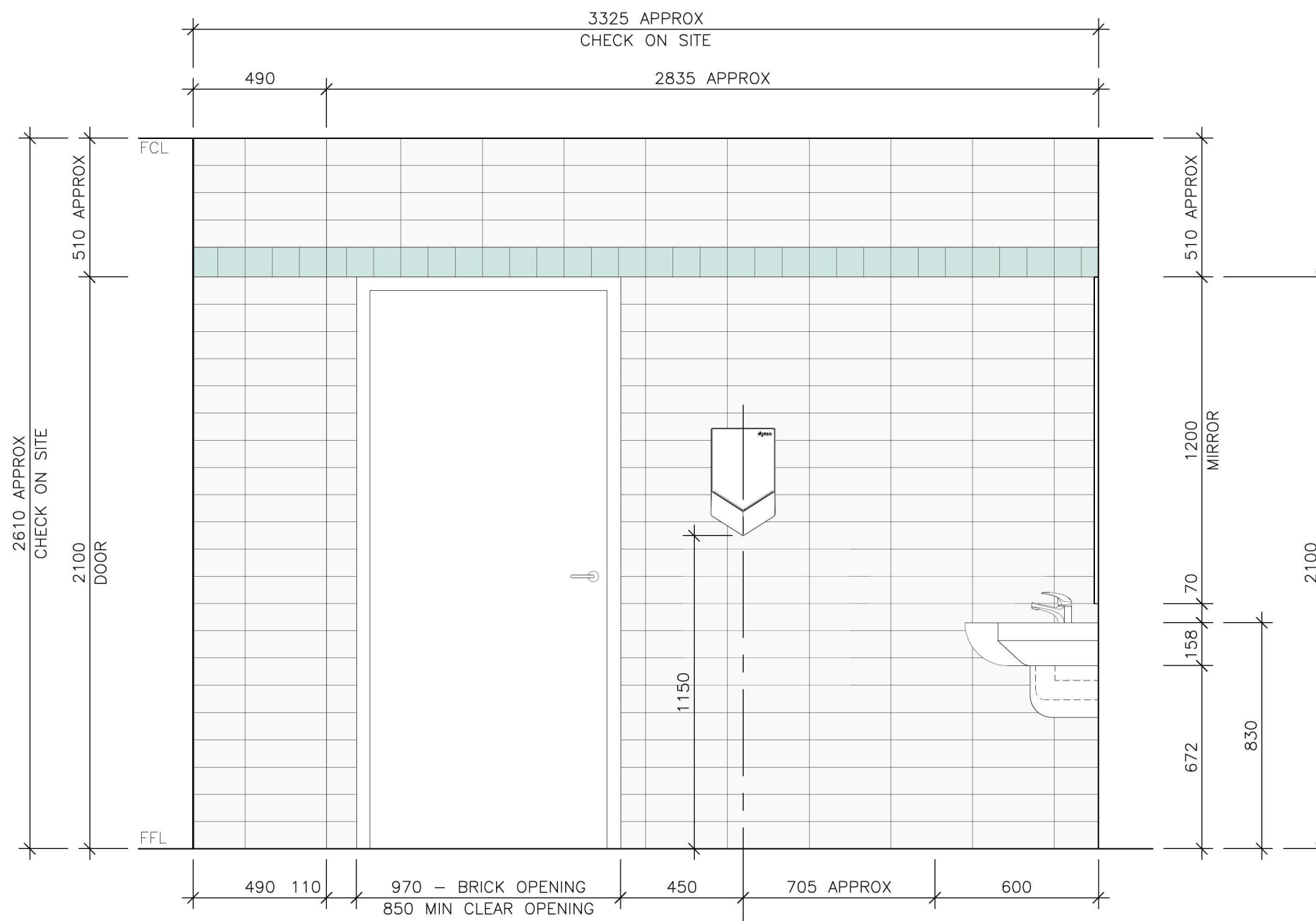
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drawn	scale	date	issue	amend
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drawing
PROPOSED FEMALE TOILET DETAILS

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

A22



01 INTERNAL ELEVATION
A23 FEMALE TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

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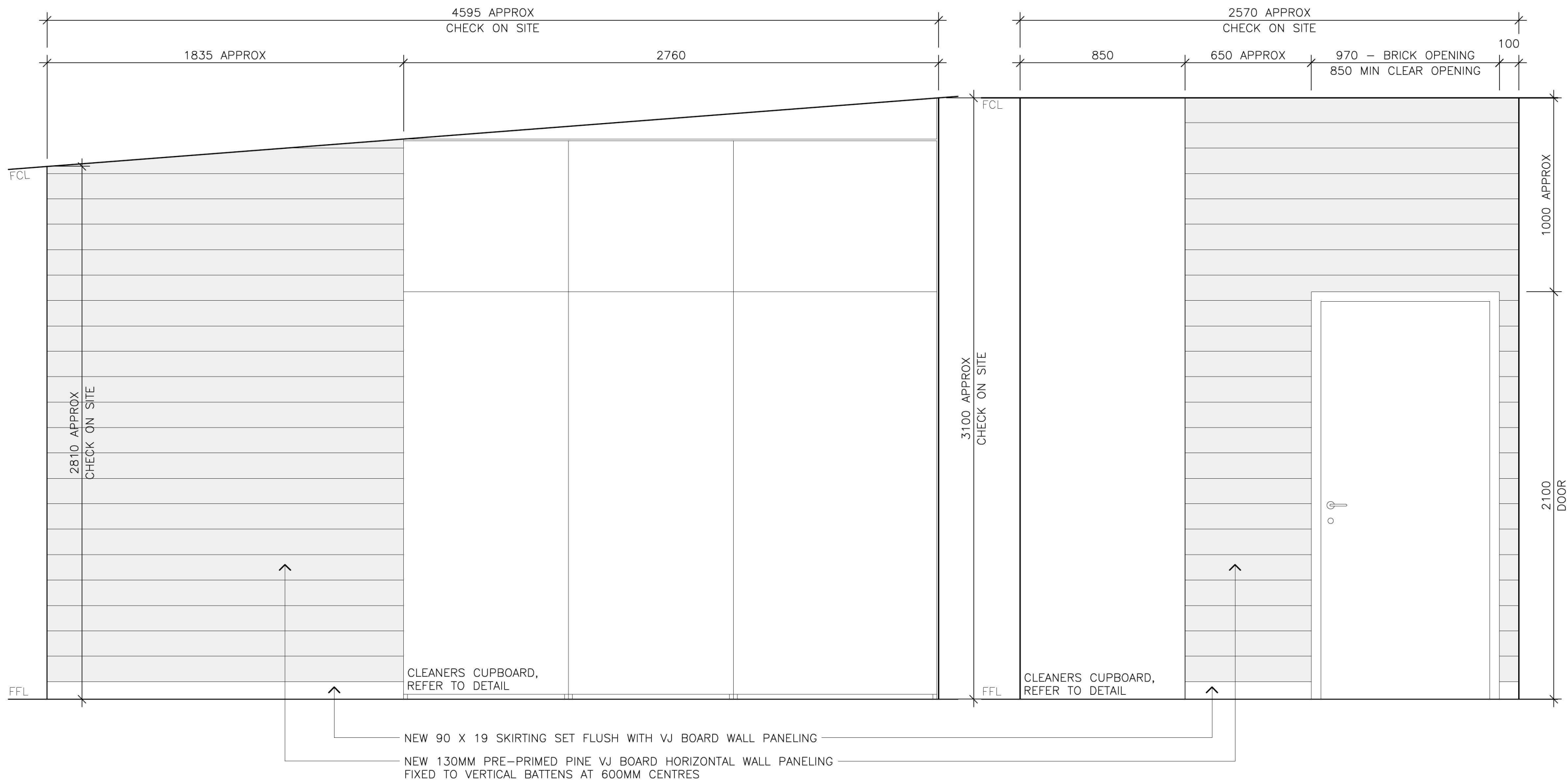
Architectural
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drawn	scale	date	issue	amend
TJ	1:20	17.01.19	TD	-

drawing
PROPOSED FEMALE TOILET DETAILS

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

A23



01 INTERNAL ELEVATION
A30 FOYER 1:20

02 INTERNAL ELEVATION
A30 FOYER 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

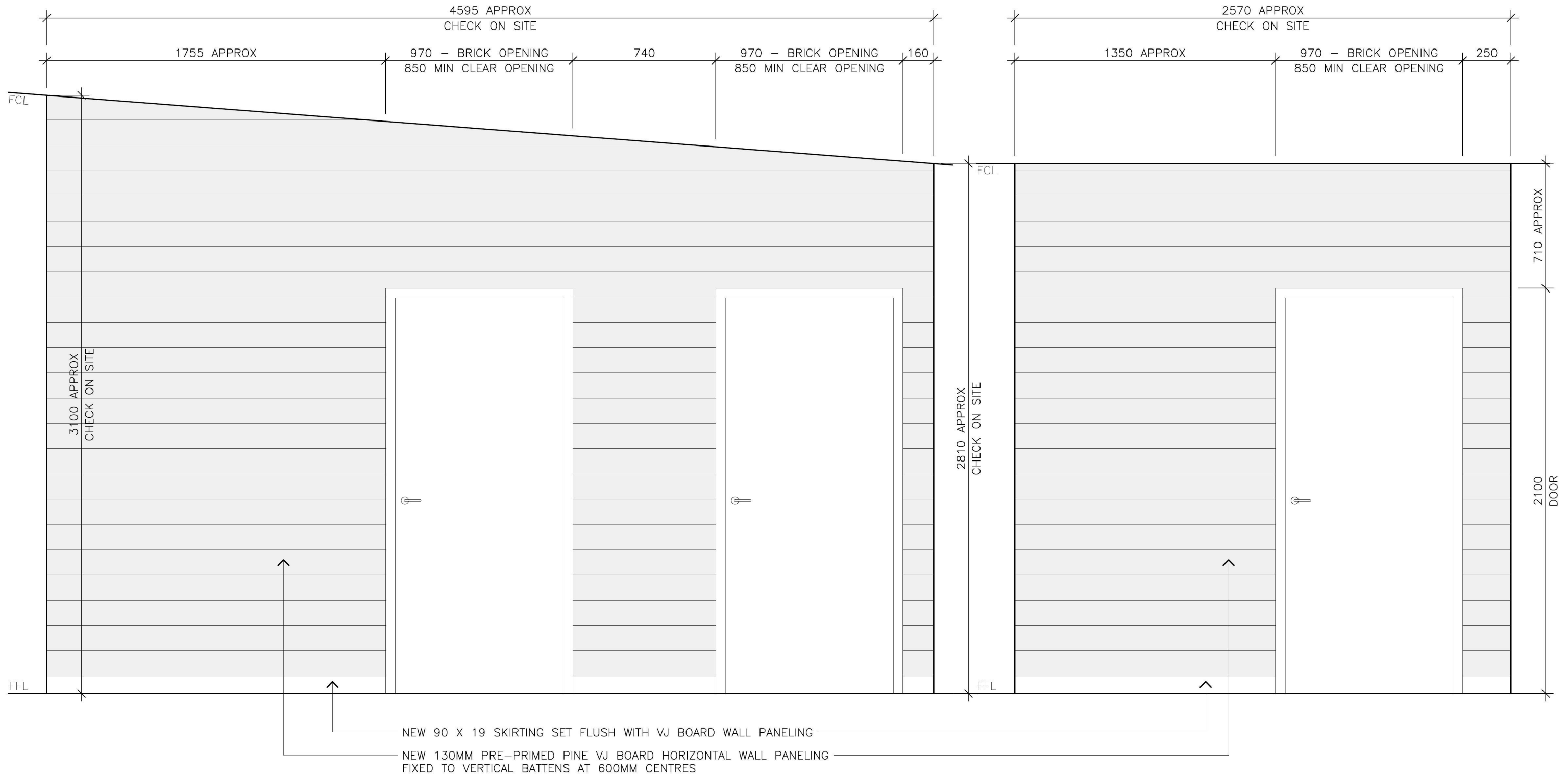
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drawn	scale	date	issue	amend
TJ	1:20	17.01.19	TD	-
drawing FOYER DETAILS				

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19
issue	amendment	date

A30



01 INTERNAL ELEVATION
A31 FOYER 1:20

02 INTERNAL ELEVATION
A31 FOYER 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

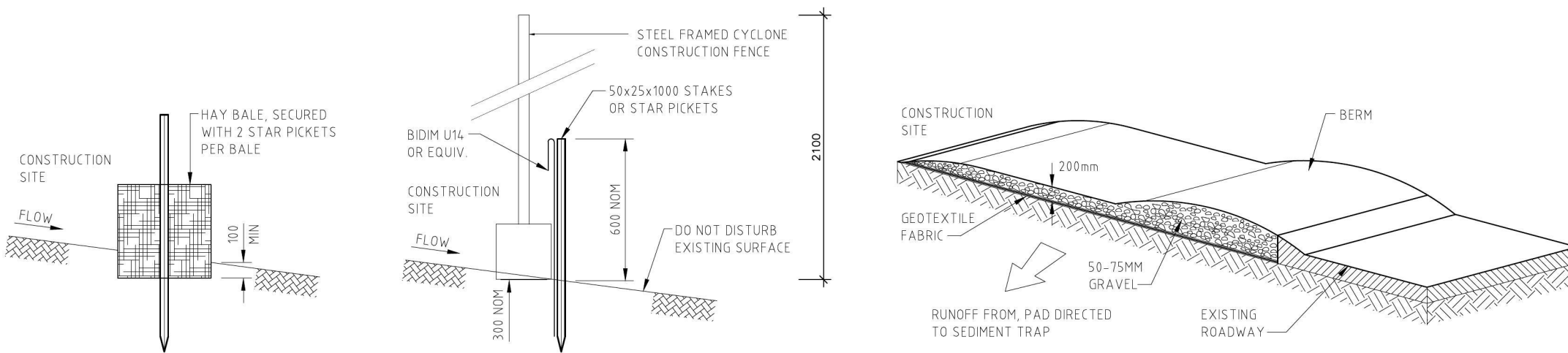
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TJ	1:20	17.01.19	TD	-
drawing				
FOYER DETAILS				

TD	=	TENDER ISSUE	08.03.19
DA	=	DA ISSUE	21.01.19
issue	amendment	date	

A31



HAY BAIL DETAIL
PROPOSED

SILT FENCE DETAIL
PROPOSED

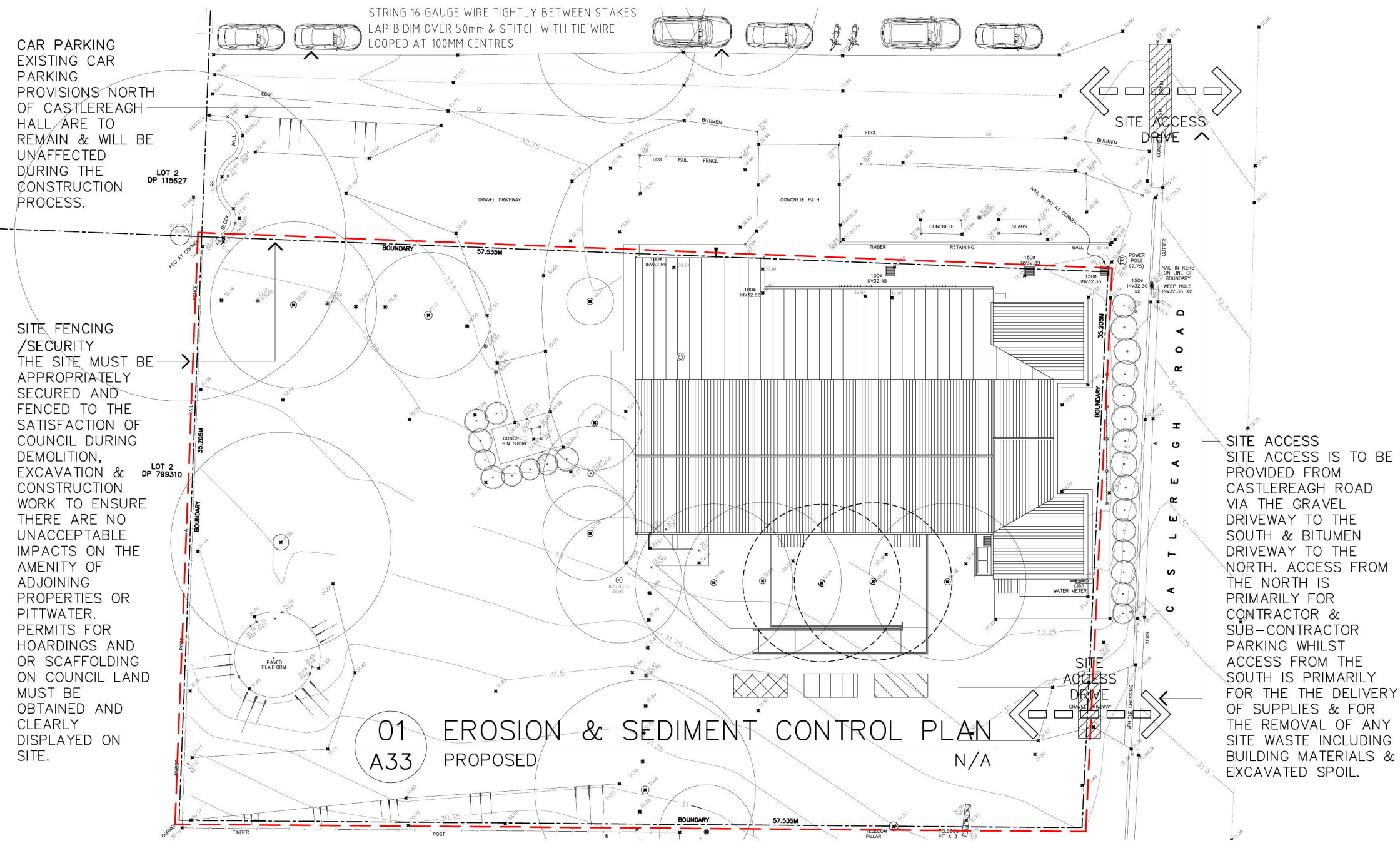
TEMPORARY CONSTRUCTION EXIT
PROPOSED

LEGEND

- PROVISION AREA FOR STOCKPILING OF MATERIALS
- AREA FOR STORING EXCAVATED MATERIAL
- TRADE WASTE RECEPTABLE LOCATION
- 2.1M HIGH STEEL FRAMED CYCLONE CONSTRUCTION FENCE & SILT FENCE, REFER TO DETAIL
- TEMPORARY CONSTRUCTION EXIT, REFER TO DETAIL

SEDIMENT & SOIL EROSION CONTROL NOTES

- A SOIL AND WATER MANAGEMENT PLAN (ALSO KNOWN AS AN EROSION AND SEDIMENT CONTROL PLAN) SHALL BE PREPARED ACCORDING TO SSROC'S SOIL AND WATER MANAGEMENT BROCHURE AND THE NSW ENVIRONMENT PROTECTION AUTHORITY (EPA) MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION. THIS PLAN SHALL BE IMPLEMENTED PRIOR TO COMMENCEMENT OF ANY WORKS OR ACTIVITIES. ALL CONTROLS IN THE PLAN SHALL BE MAINTAINED AT ALL TIME. A COPY OF THE SOIL AND WATER MANAGEMENT PLAN MUST BE KEPT ON SITE AT ALL TIMES AND MADE AVAILABLE TO COUNCIL OFFICERS ON REQUEST.
- RESPREAD TOPSOIL & REVEGETATE ALL BARE AREAS
- RETAIN TEMPORARY STRAW BALE & SILT FENCE DRAINAGE STRUCTURES UNTIL STORMWATER DRAINAGE & LANDSCAPING IS IN PLACE
- DOWNSTREAM EROSION TO BE CHECKED & MAINTAINED PERIODICALLY DURING CONSTRUCTION
- BUILDER TO ENSURE CONSTRUCTION & STABILISATION OF ALL CULVERTS & SURFACE DRAINAGE WORKS AT EARLIEST PRACTICAL STAGE
- REMOVAL OR DISTURBANCE OF VEGETATION AND TOP SOIL IS CONFINED TO WITHIN 3M OF THE APPROVED BUILDING AREA (NO TREES ARE TO BE REMOVED WITHOUT APPROVAL)
- ALL UNCONTAMINATED RUN-OFF MUST BE DIVERTED AROUND CLEARED OR DISTURBED AREAS
- THE INSTALLATION OF SILT FENCES OR OTHER DEVICES MUST PREVENT SEDIMENT AND OTHER DEBRIS ESCAPING FROM THE CLEARED OR DISTURBED AREAS INTO DRAINAGE SYSTEMS OR WATERWAYS
- ALL EROSION AND SEDIMENT CONTROLS ARE FULLY MAINTAINED FOR THE DURATION OF THE DEMOLITION & DEVELOPMENT WORKS
- CONTROLS MUST BE PUT INTO PLACE TO PREVENT TRACKING OF SEDIMENT BY VEHICLES ONTO ADJOINING ROADWAYS
- ALL DISTURBED AREAS ARE RENDERED EROSION-RESISTANT BY TURFING, MULCHING, PAVING OR SIMILAR
- ALL WATER PUMPED OR OTHERWISE REMOVED FROM EXCAVATIONS OR BASEMENT AREAS MUST BE FILTERED TO ACHIEVE SUSPENDED SOLIDS/NON FILTERABLE RESIDUE LEVELS COMPLYING WITH THE AUSTRALIAN WATER QUALITY GUIDELINES FOR FRESH AND MARINE WATERS
- PUMPED OR OVERLAND FLOWS OF WATER ARE TO BE DISCHARGED SO AS NOT TO CAUSE, PERMIT OR ALLOW EROSION BEFORE THE COMMENCEMENT OF WORK (AND UNTIL ISSUE OF THE OCCUPATION CERTIFICATE)
- ALL EXCAVATIONS MUST BE KEPT FREE FROM WATER ACCUMULATION
- ANY EXCAVATION WORKS CARRIED OUT ON SITE SHOULD BE CLOSELY MONITORED TO ENSURE NO SIGNS OF POTENTIAL ACID SULPHATE SOIL (PASS) OR ACTUAL ACID SULPHATE SOIL (AASS) ARE OBSERVED. INDICATORS MAY INCLUDE GREY TO GREENISH BLUE CLAYS, UNUSUAL GOLD-YELLOW MOTTLING OR 'ROTTEN EGG' ODOURS. IF ANY OF THESE INDICATORS ARE OBSERVED, EXCAVATION OF THE SITE IS TO BE STOPPED IMMEDIATELY, COUNCIL IS TO BE NOTIFIED AND A SUITABLY QUALIFIED ENVIRONMENTAL SCIENTIST SHOULD BE CONTRACTED TO FURTHER ASSESS THE SITE.
- IN THE EVENT OF A STORM ALL ESTABLISHED CONTROLS ARE TO BE ASSESSED & THE HYDRAULIC ENGINEER & ARCHITECT ARE TO BE NOTIFIED IMMEDIATELY OF ANY DOWNSTREAM SEDIMENTATION.



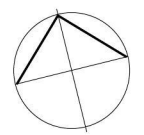
CAR PARKING EXISTING CAR PARKING PROVISIONS NORTH OF CASTLEREAGH HALL ARE TO REMAIN & WILL BE UNAFFECTED DURING THE CONSTRUCTION PROCESS.

SITE FENCING /SECURITY THE SITE MUST BE APPROPRIATELY SECURED AND FENCED TO THE SATISFACTION OF COUNCIL DURING DEMOLITION, EXCAVATION & CONSTRUCTION WORK TO ENSURE THERE ARE NO UNACCEPTABLE IMPACTS ON THE AMENITY OF ADJOINING PROPERTIES OR PITWATER. PERMITS FOR HOARDINGS AND OR SCAFFOLDING ON COUNCIL LAND MUST BE OBTAINED AND CLEARLY DISPLAYED ON SITE.

SITE ACCESS SITE ACCESS IS TO BE PROVIDED FROM CASTLEREAGH ROAD VIA THE GRAVEL DRIVEWAY TO THE SOUTH & BITUMEN DRIVEWAY TO THE NORTH. ACCESS FROM THE NORTH IS PRIMARILY FOR CONTRACTOR & SUB-CONTRACTOR PARKING WHILST ACCESS FROM THE SOUTH IS PRIMARILY FOR THE DELIVERY OF SUPPLIES & FOR THE REMOVAL OF ANY SITE WASTE INCLUDING BUILDING MATERIALS & EXCAVATED SPOIL.

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

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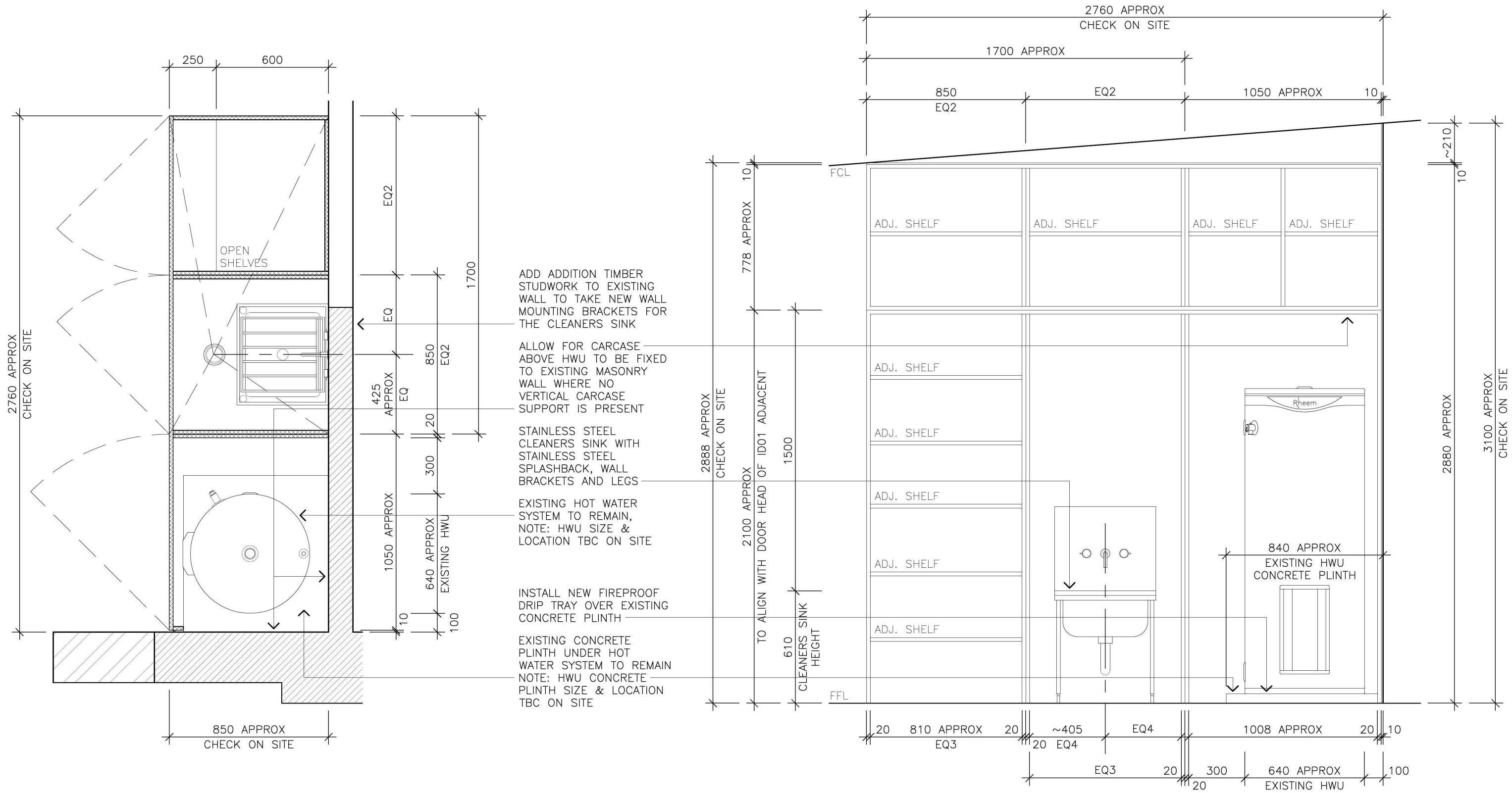
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drawn	scale	date	issue	amend
TJ	N/A	19.10.18	TD	-

drawing
PROPOSED EROSION & SEDIMENT CONTROL PLAN

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

A33



01 GROUND FLOOR PLAN
A11 CLEANER CUPBOARD 1:20

02 INTERNAL ELEVATION
A11 CLEANER CUPBOARD 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
 ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
 FOR PENRITH CITY COUNCIL

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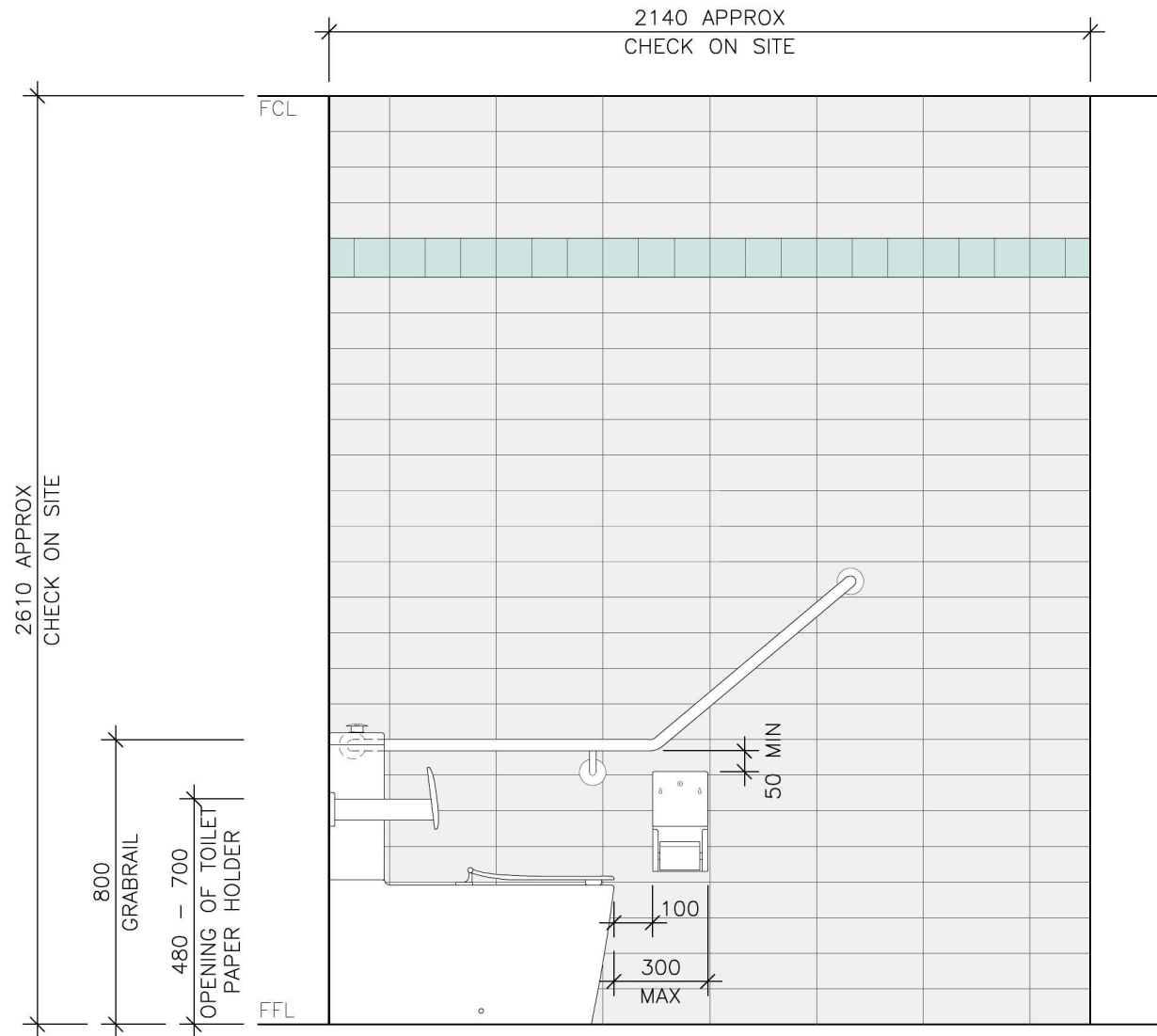
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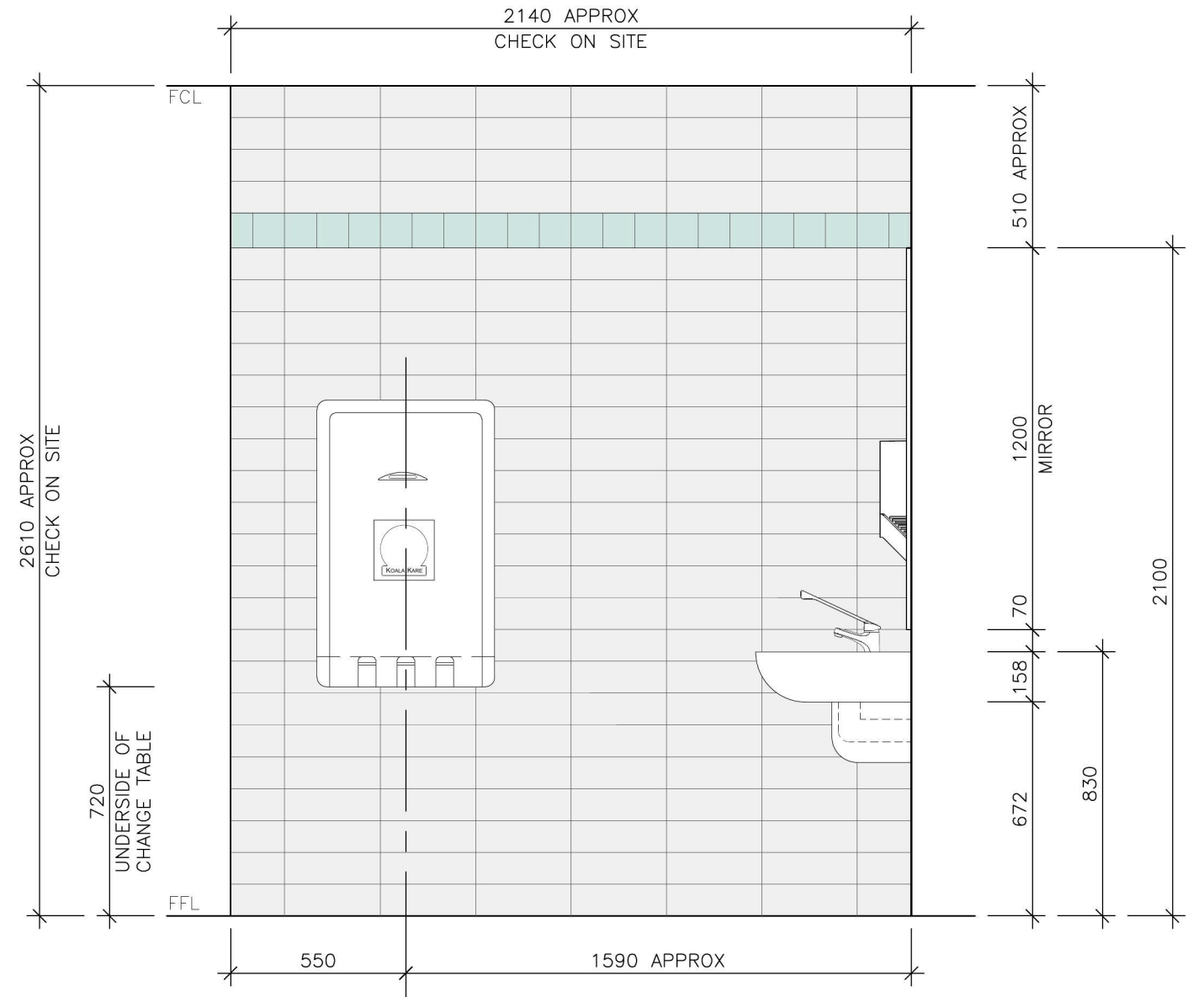
drawing
PROPOSED CLEANER CUPBOARD
DETAILS

TD	DA	issue	amendment	date
-	-	TENDER ISSUE	-	08.03.19
-	-	DA ISSUE	-	21.01.19

A11



01 INTERNAL ELEVATION
A28 ACCESS TOILET 1:20



02 INTERNAL ELEVATION
A28 ACCESS TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

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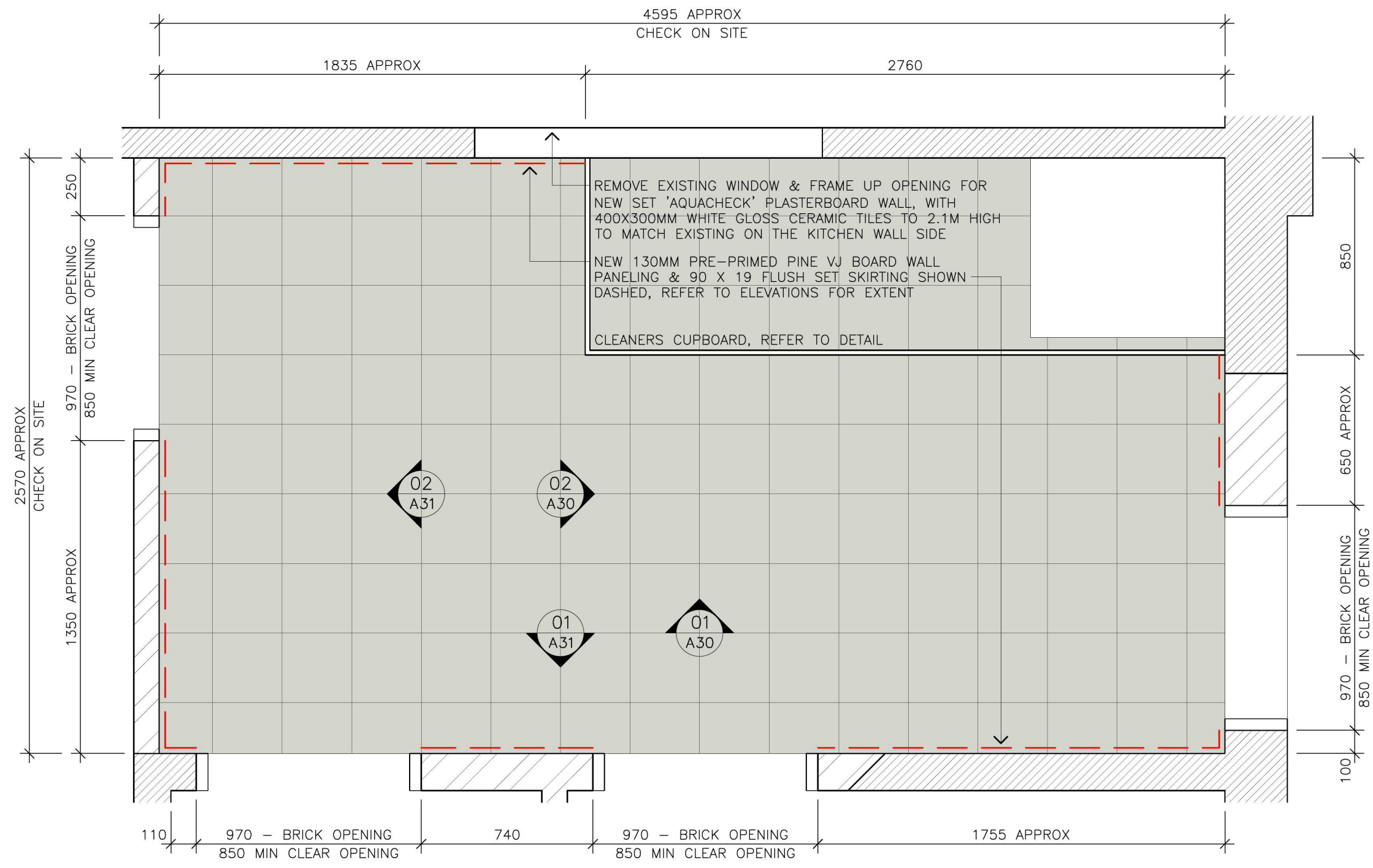
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drawn	scale	date	issue	amend
TJ	1:20	17.01.19	TD	-

drawing
**PROPOSED ACCESS TOILET
DETAILS**

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

A28



01 GROUND FLOOR PLAN
 A29 FOYER 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
 ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
 FOR PENRITH CITY COUNCIL

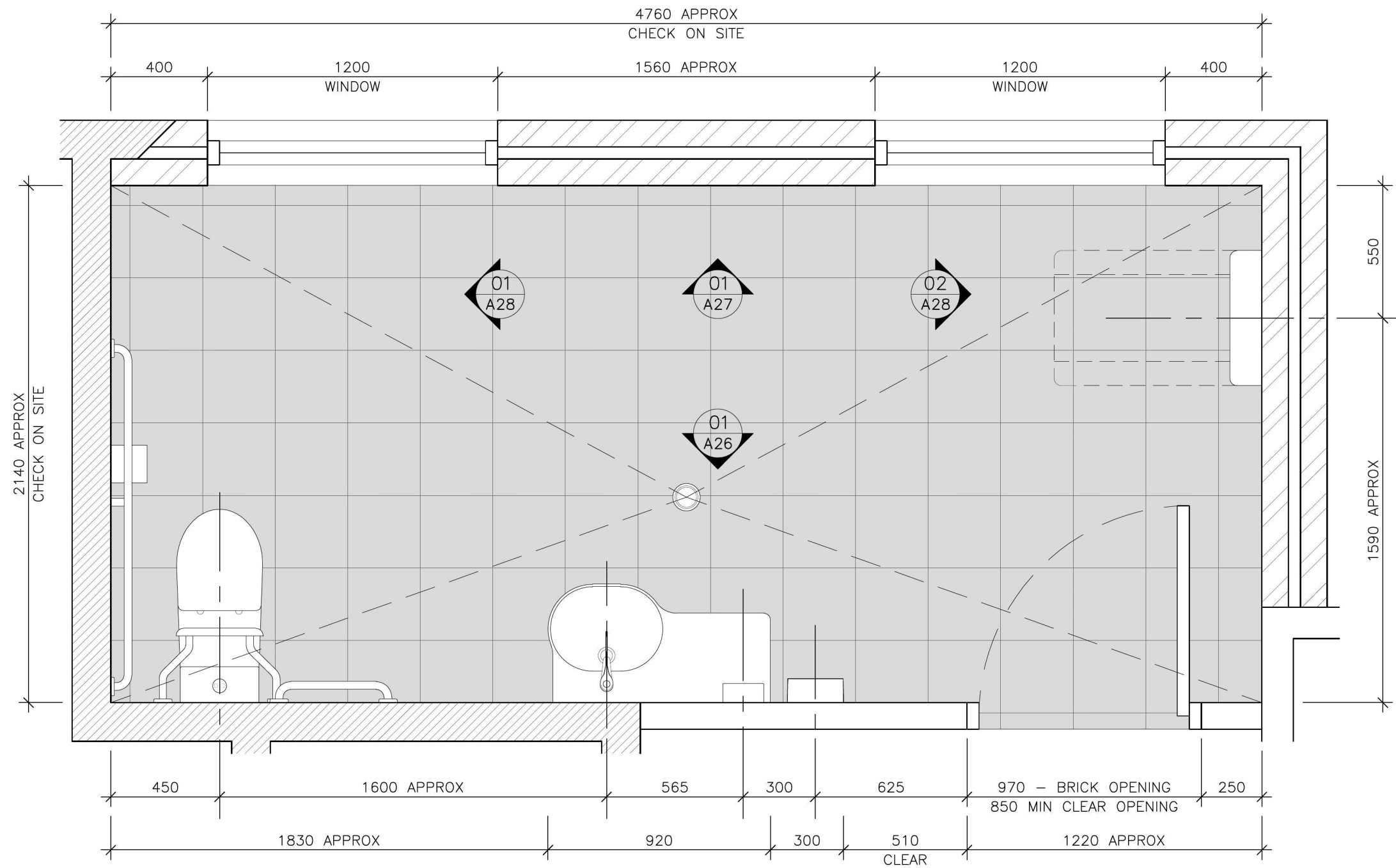
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drawing FOYER DETAILS				

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19
issue	amendment	date

A29



01 GROUND FLOOR PLAN
 A25 ACCESS TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
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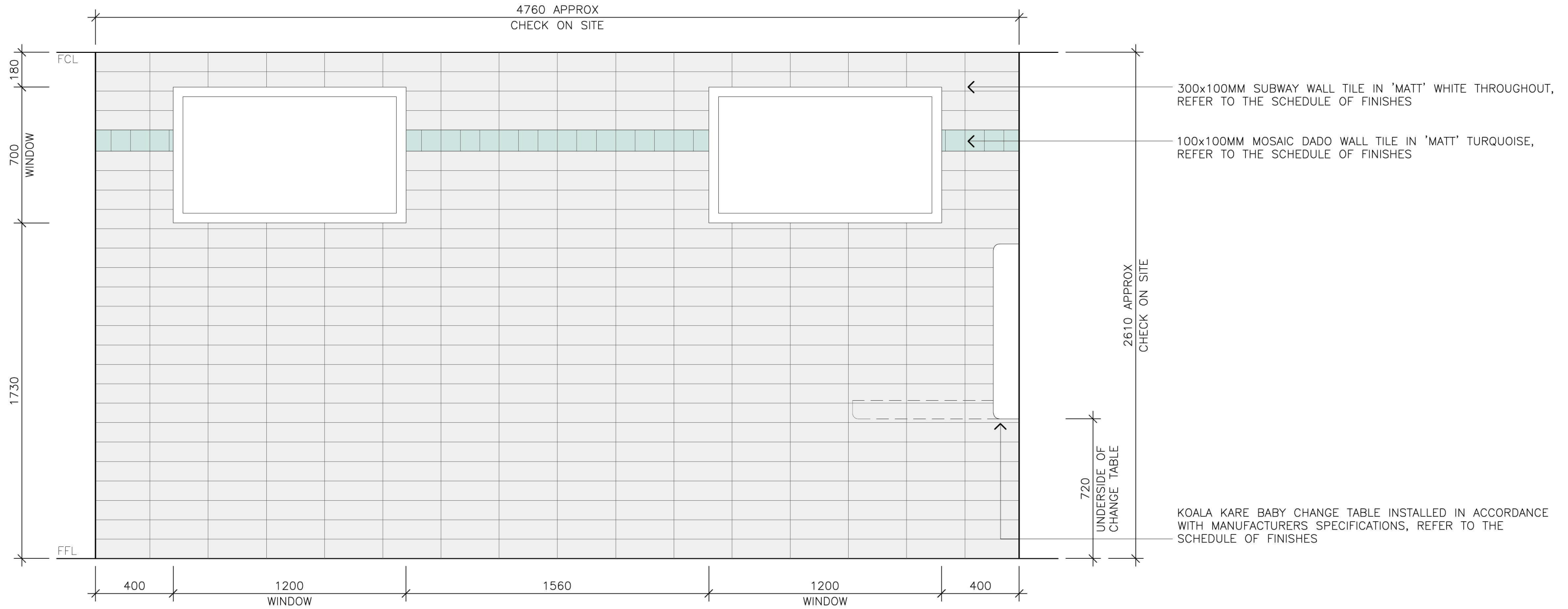
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drawn	scale	date	issue	amend
TJ	1:20	17.01.19	TD	-

drawing
**PROPOSED ACCESS TOILET
 DETAILS**

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

A25



01 INTERNAL ELEVATION
A27 ACCESS TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
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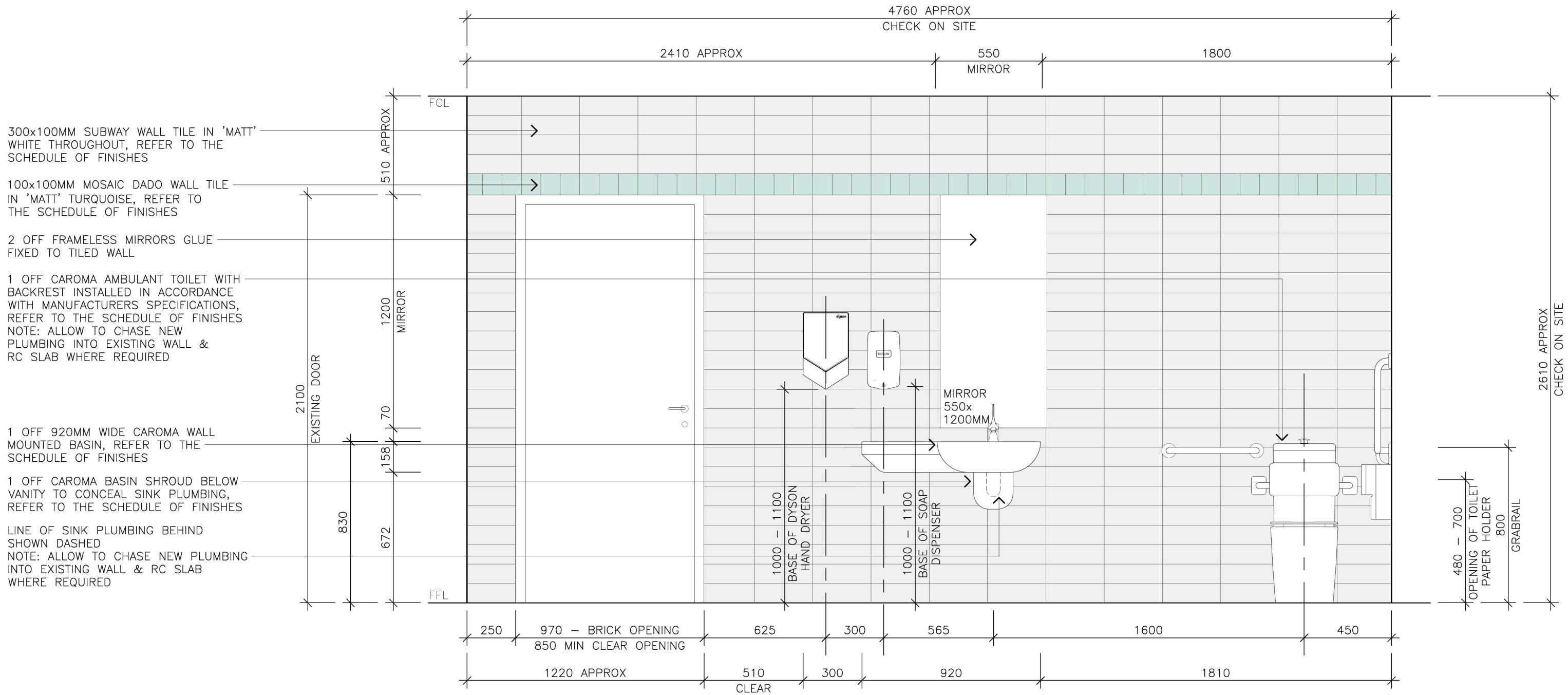
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TJ	1:20	17.01.19	TD	-

drawing
PROPOSED ACCESS TOILET
DETAILS

issue	amendment	date
TD	TENDER ISSUE	08.03.19
DA	DA ISSUE	21.01.19

A27



01 INTERNAL ELEVATION
A26 ACCESS TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING
FOR PENRITH CITY COUNCIL

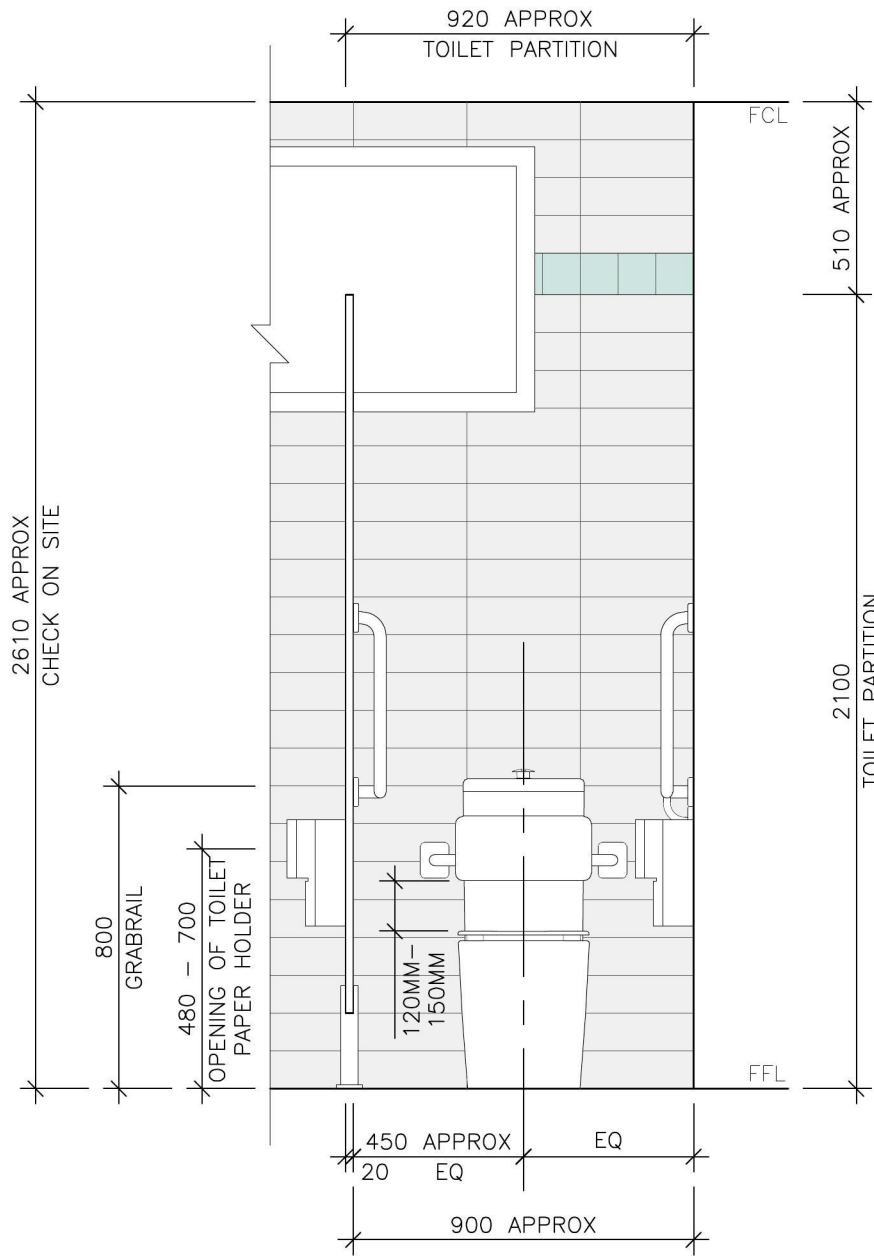
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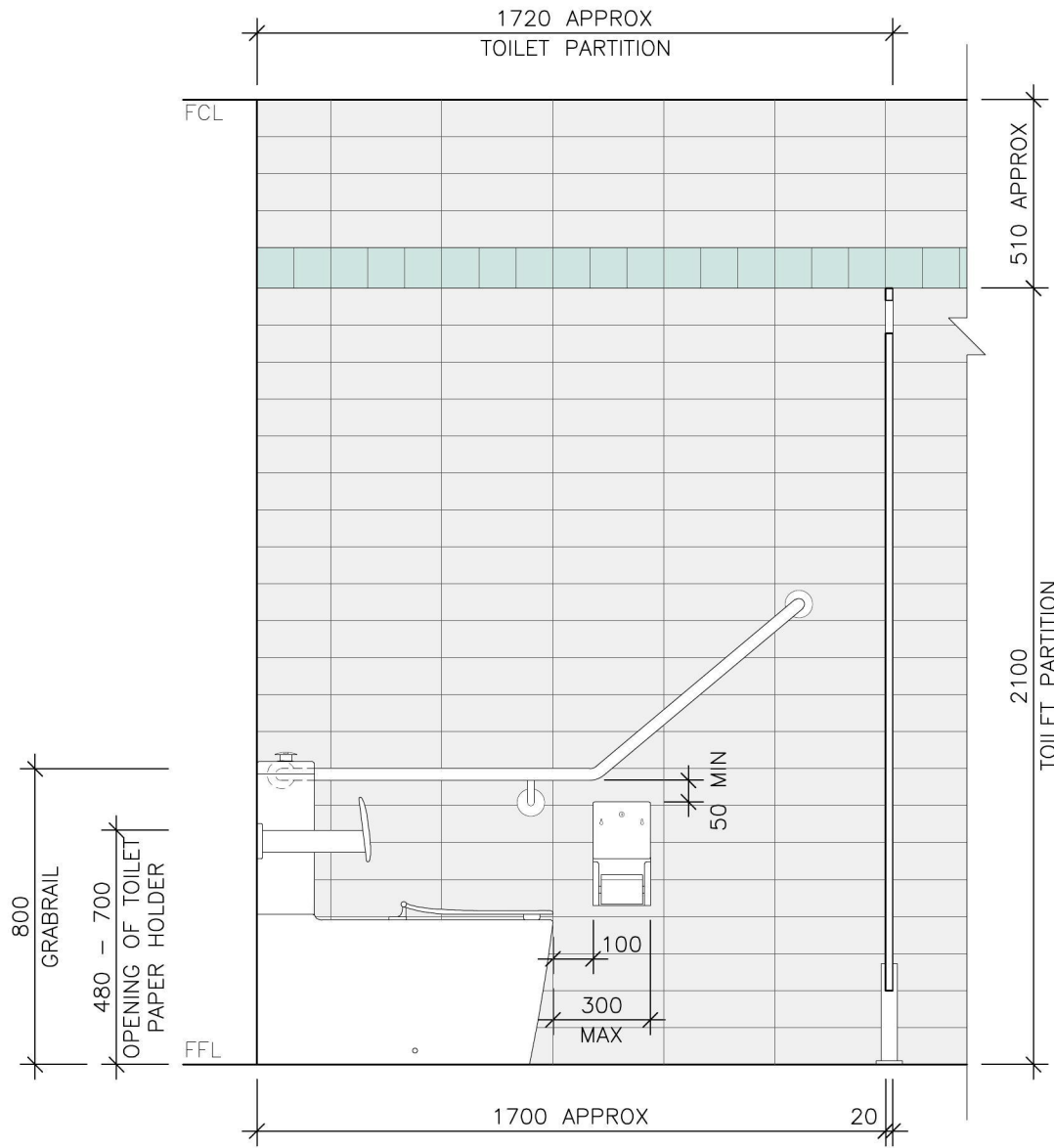
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TJ	1:20	17.01.19	TD	-
drawing				
PROPOSED ACCESS TOILET DETAILS				

issue	amendment	date
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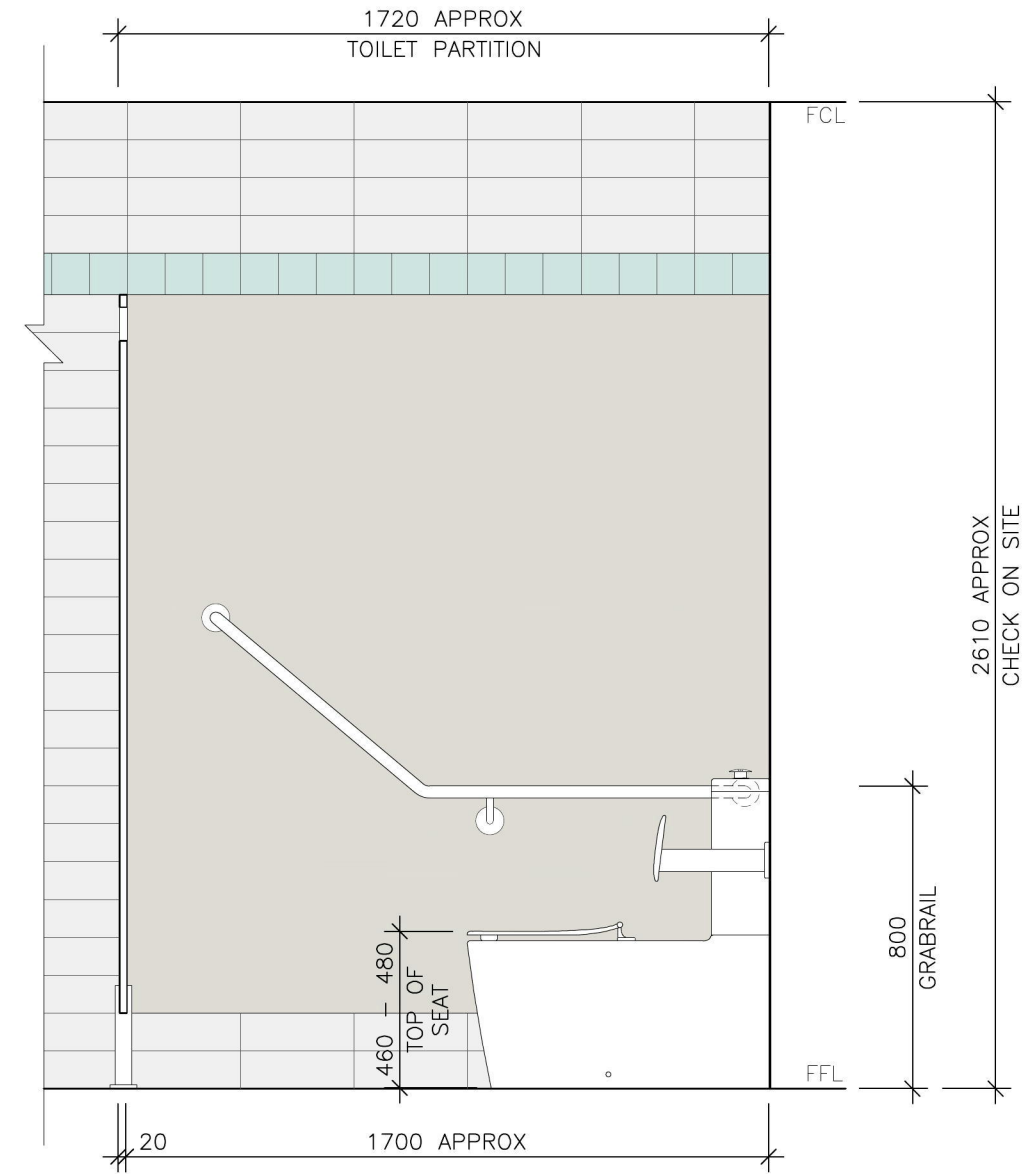
A26



01 INTERNAL ELEVATION
A24 FEMALE TOILET 1:20



02 INTERNAL ELEVATION
A24 FEMALE TOILET 1:20



03 INTERNAL ELEVATION
A24 FEMALE TOILET 1:20

1158-1160 CASTLEREAGH ROAD, CASTLEREAGH, NSW
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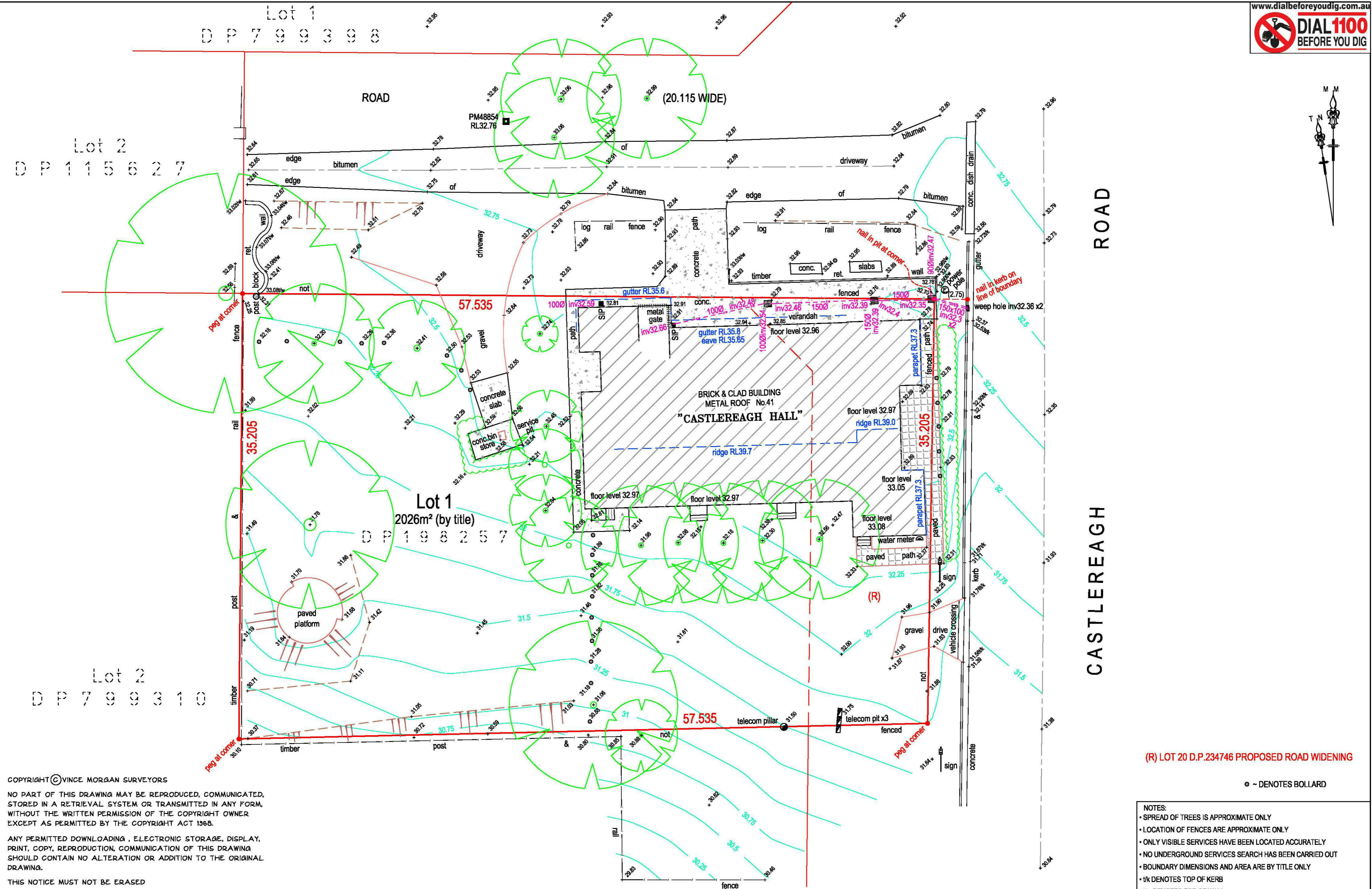
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drawing
PROPOSED FEMALE TOILET DETAILS

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DA	DA ISSUE	21.01.19

A24



(R) LOT 20 D.P.234746 PROPOSED ROAD WIDENING

● - DENOTES BOLLARD

- NOTES:
- SPREAD OF TREES IS APPROXIMATE ONLY
 - LOCATION OF FENCES ARE APPROXIMATE ONLY
 - ONLY VISIBLE SERVICES HAVE BEEN LOCATED ACCURATELY
 - NO UNDERGROUND SERVICES SEARCH HAS BEEN CARRIED OUT
 - BOUNDARY DIMENSIONS AND AREA ARE BY TITLE ONLY
 - tk DENOTES TOP OF KERB
 - tw DENOTES TOP OF WALL

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No.	AMENDMENT	DATE		Vince Morgan (Surveyors) Pty Ltd 77 UNION ROAD PENRITH PO BOX 4156 PENRITH PLAZA 2750 Ph 47215293 email mail@vmsurvey.com.au www.vincemorgansurveyors.com.au ABN 52 065 060 808	DATUM: A.H.D.	DATE: 20-08-18	CLIENT: PENRITH CITY COUNCIL	LOT(S): 1 / D.P.198257 STREET ADDRESS: 41 CASTLEREAGH ROAD LOCATION: CASTLEREAGH LOCAL GOVT: PENRITH	DRAWING TITLE: DETAIL & CONTOUR SURVEY	PLAN No. 21944T
					ORIGIN: PM48854 RL 32.76	SCALE: 1:200@A2 CONTOUR INTERVAL: 0.25m				