CHANGING PLACES
WELL St, BRIGHTON
BAYSIDE CITY COUNCIL

DRAWING SET

A 000	COVER SHEET / LOCALITY PLAN
A 100	SITE PLAN
A 200	EXISTING/DEMOLITION PLAN
A 300	PROPOSED FLOOR PLAN
A 350	STRUCTURAL SLAB PLAN
A 400	REFLECTED CEILING PLAN
A 450	ROOF PLAN
A 500	ELEVATIONS
A 501	ELEVATIONS
A 600	SECTIONS
A 601	SECTIONS
A 700	INTERNAL ELEVATIONS
A 701	INTERNAL ELEVATIONS
A 702	INTERNAL ELEVATIONS
A 703	INTERNAL ELEVATIONS
A 710	INTERNAL TILE LAYOUT

ARCHITECT
Crosier Scott
Architects
Incorporating DL Design Group & AC Architects
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CLIENT
BAYSIDE CITY COUNCIL

SCALE BAR
SCALE 1:100 in mm
0 1000 2000 3000 4000

N

NOTE:
CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK AND ANY ANOMOLIES SHALL BE REFERRED TO ARCHITECT FOR CLARIFICATION.

REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE WELL ST, BRIGHTON – 'CHANGING PLACES'

TITLE
SITE PLAN

SCALE @ A3

PLOT DATE
6/12/2019 12:02:16 PM

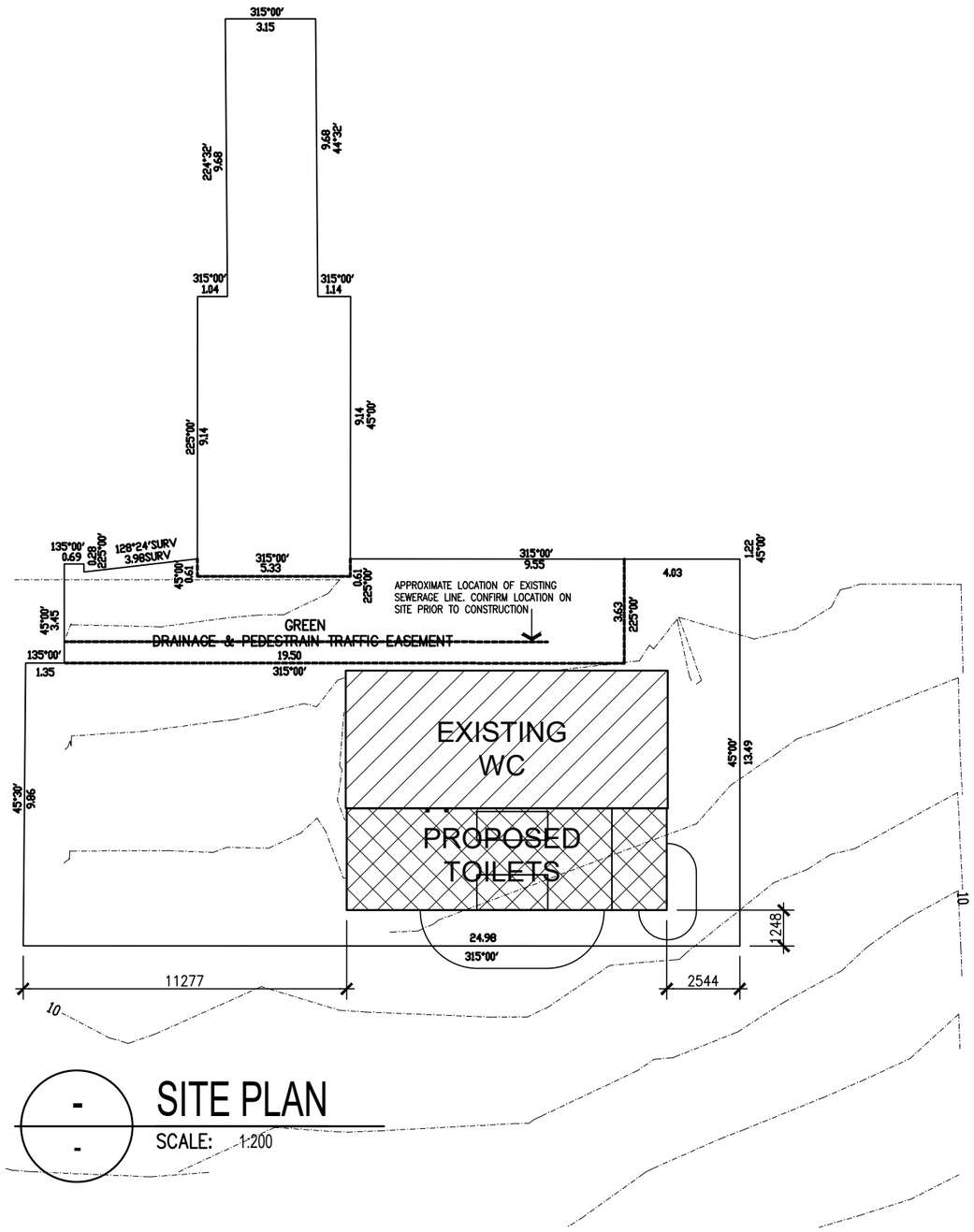
CAD FILE NAME
19.090 BASE

DRAWN
JAH

APPROVED

TENDER ISSUE
NOT FOR CONSTRUCTION

PROJECT No.	DRAWING No.	REV.
19.090	A 000	T1



SITE PLAN

SCALE: 1:200

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BAYSIDE CITY COUNCIL

SCALE BAR
SCALE 1:100 in mm 0 1000 2000 3000 4000

N

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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE
WELL ST, BRIGHTON –
'CHANGING PLACES'

TITLE
COVER SHEET /
LOCALITY PLAN

SCALE @ A3

PLOT DATE
6/12/2019 12:02:21 PM

CAD FILE NAME
19.090 BASE

DRAWN
JAH

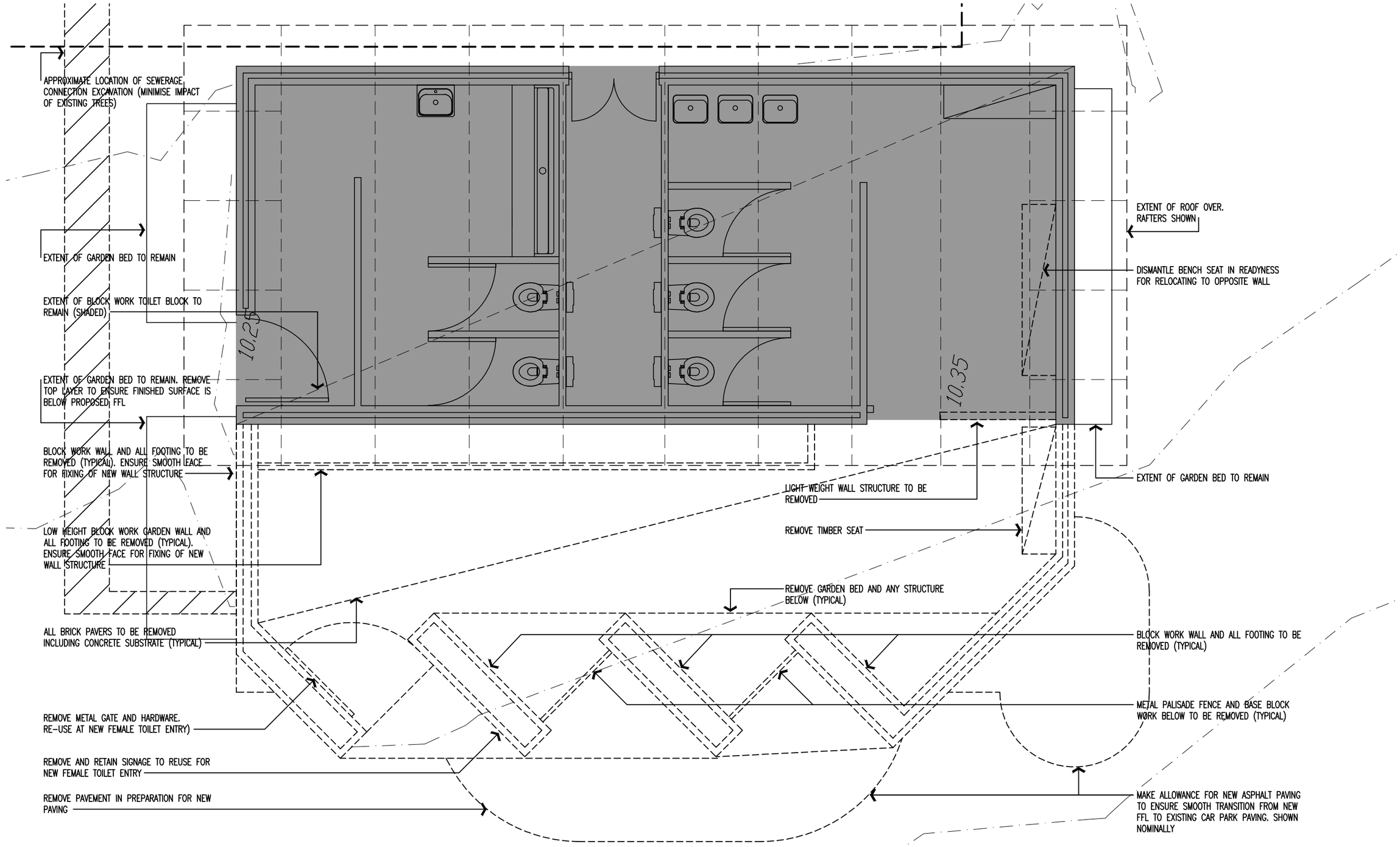
APPROVED

TENDER ISSUE
NOT FOR CONSTRUCTION

PROJECT No.
19.090

DRAWING No.
A 100

REV.
T1



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CLIENT
BAYSIDE CITY COUNCIL

SCALE BAR
SCALE 1:50 in mm 0 500 1000 1500 2000

N

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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE WELL ST, BRIGHTON – 'CHANGING PLACES'

TITLE
EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE @ A3
1:50

PLOT DATE
6/12/2019 12:02:25 PM

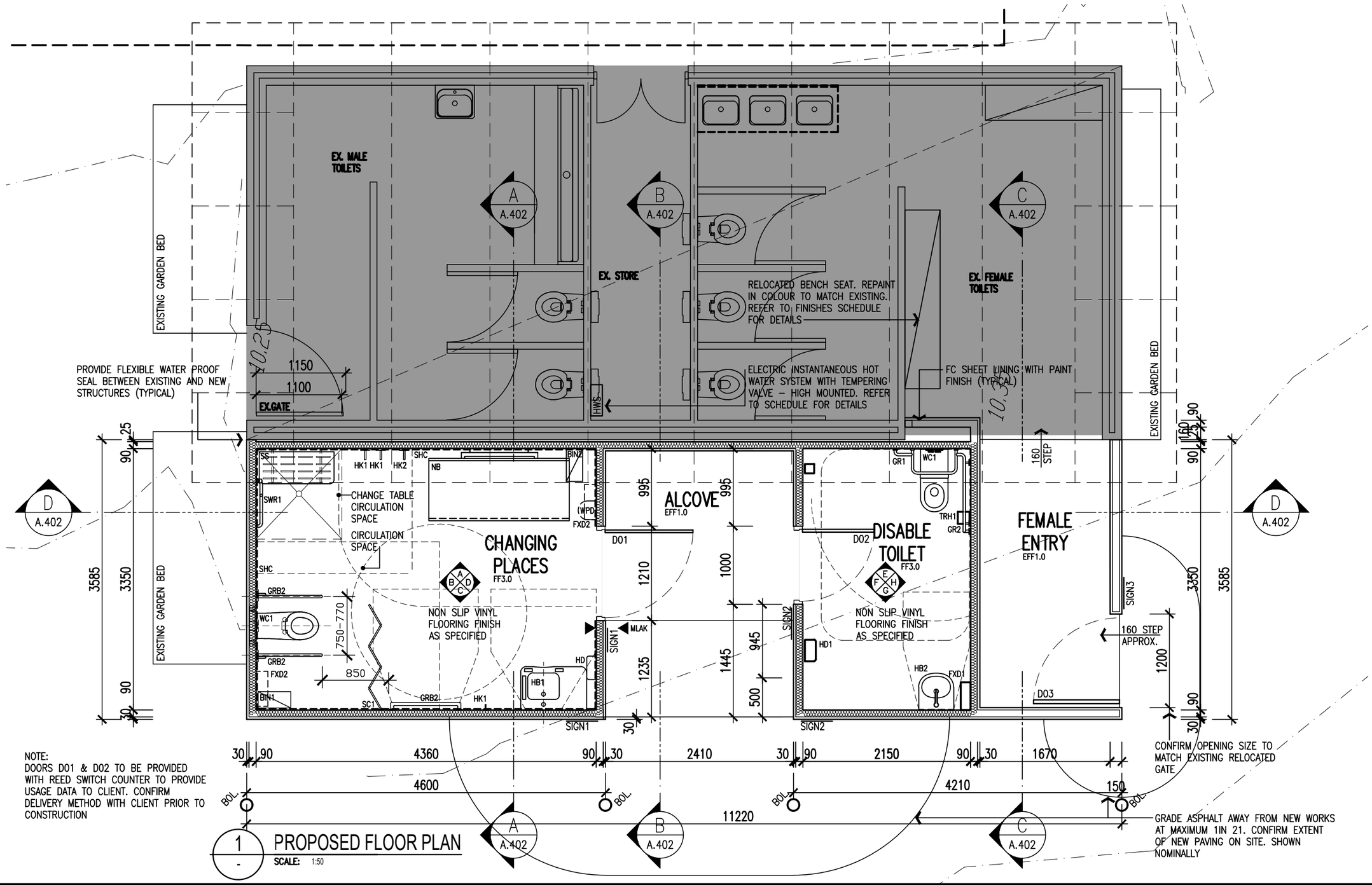
CAD FILE NAME
19.090 BASE

DRAWN
JAH

APPROVED

TENDER ISSUE
NOT FOR CONSTRUCTION

PROJECT No. **19.090**
DRAWING No. **A 200**
REV. **T1**



NOTE:
DOORS D01 & D02 TO BE PROVIDED WITH REED SWITCH COUNTER TO PROVIDE USAGE DATA TO CLIENT. CONFIRM DELIVERY METHOD WITH CLIENT PRIOR TO CONSTRUCTION

1 PROPOSED FLOOR PLAN
SCALE: 1:50

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CLIENT
BAYSIDE CITY COUNCIL

SCALE BAR
SCALE 1:50 in mm 0 500 1000 1500 2000

N

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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE
WELL ST, BRIGHTON – 'CHANGING PLACES'

TITLE
PROPOSED FLOOR PLAN

SCALE @ A3
1:50

PLOT DATE
6/12/2019 12:02:30 PM

CAD FILE NAME
19.090 BASE

DRAWN
JAH

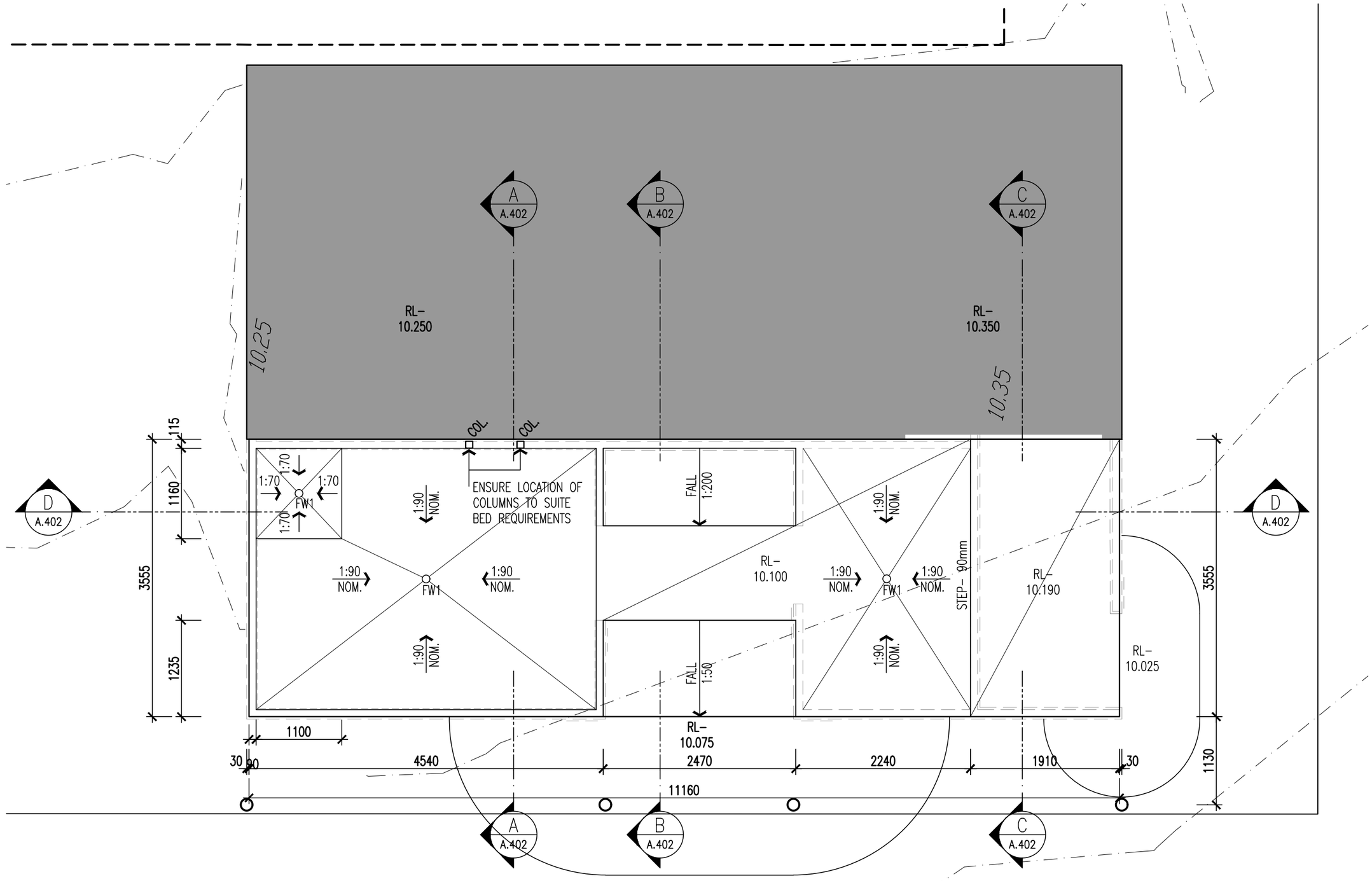
APPROVED
MB

TENDER ISSUE
NOT FOR CONSTRUCTION

PROJECT No.
19.090

DRAWING No.
A 300

REV.
T1



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CLIENT
BAYSIDE CITY COUNCIL

SCALE BAR
SCALE 1:50 in mm
0 500 1000 1500 2000

N

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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE WELL ST, BRIGHTON – 'CHANGING PLACES'

TITLE
PROPOSED SLAB PLAN

SCALE @ A3
1:50

PLOT DATE
6/12/2019 12:02:35 PM

CAD FILE NAME
19.090 BASE

DRAWN
JAH

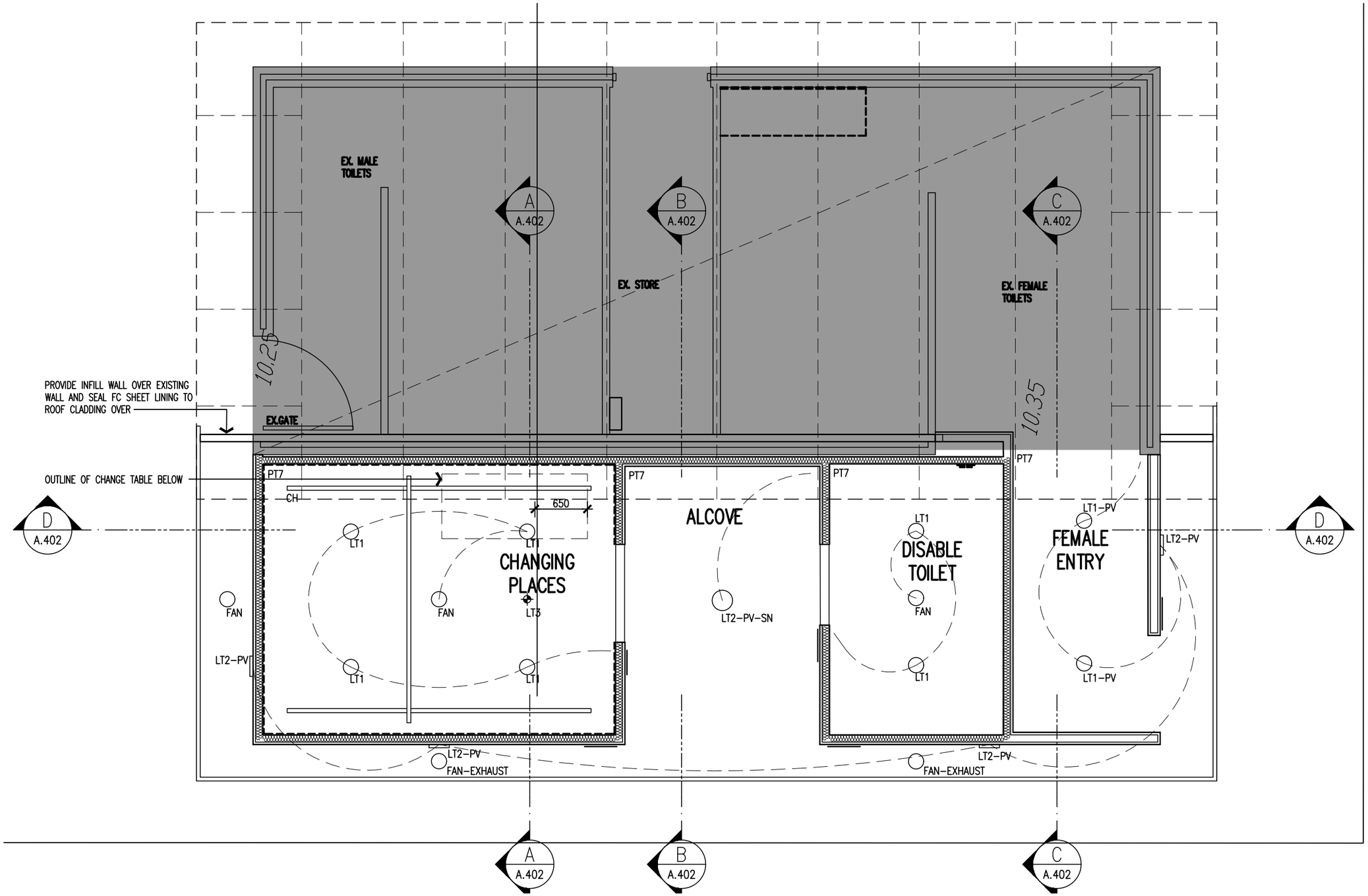
APPROVED
MB

TENDER ISSUE
NOT FOR CONSTRUCTION

PROJECT No.
19.090

DRAWING No.
A 350

REV.
T1



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CLIENT

BAYSIDE CITY COUNCIL

SCALE BAR

SCALE 1:50 in mm 0 500 1000 1500 2000

N

NOTE:
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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

PROJECT

TOILET BLOCK UPGRADE
WELL ST, BRIGHTON –
'CHANGING PLACES'

TITLE

PROPOSED CEILING PLAN

SCALE @ A3
1:50

PLOT DATE
6/12/2019 12:02:40 PM

CAD FILE NAME
19.090 BASE

DRAWN
JAH

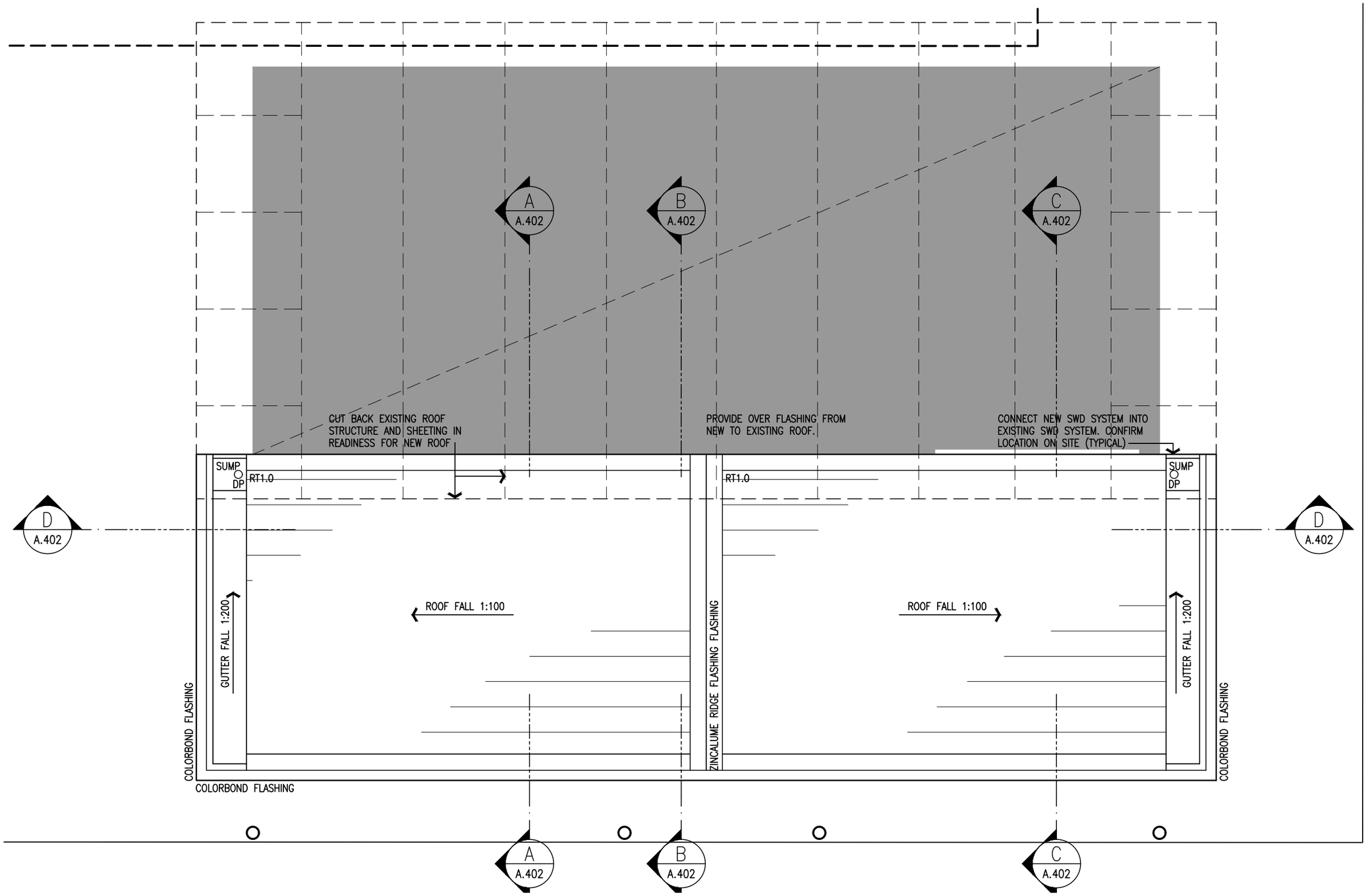
APPROVED
MB

TENDER ISSUE
NOT FOR CONSTRUCTION

PROJECT No.
19.090

DRAWING No.
A 400

REV.
T1



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CLIENT
BAYSIDE CITY COUNCIL

SCALE BAR
SCALE 1:50 in mm 0 500 1000 1500 2000

N

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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE WELL ST, BRIGHTON – 'CHANGING PLACES'

TITLE
PROPOSED ROOF PLAN

SCALE @ A3
1:50

PLOT DATE
6/12/2019 12:02:45 PM

CAD FILE NAME
19.090 BASE

DRAWN
JAH

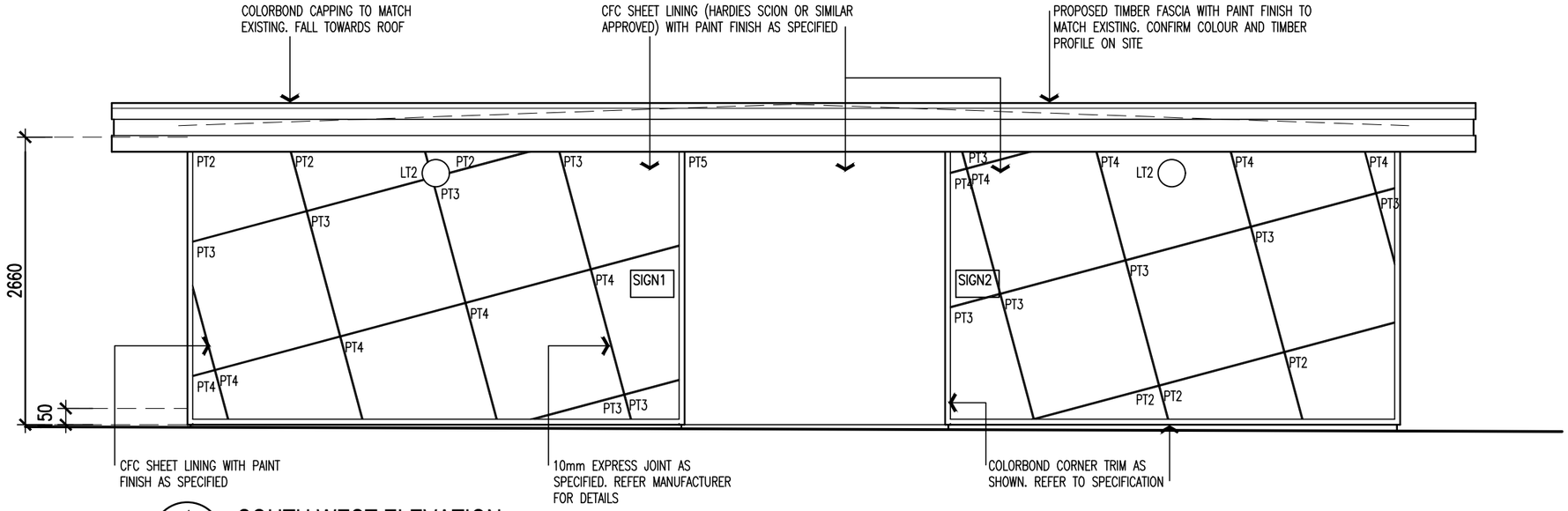
APPROVED
MB

TENDER ISSUE
NOT FOR CONSTRUCTION

PROJECT No.
19.090

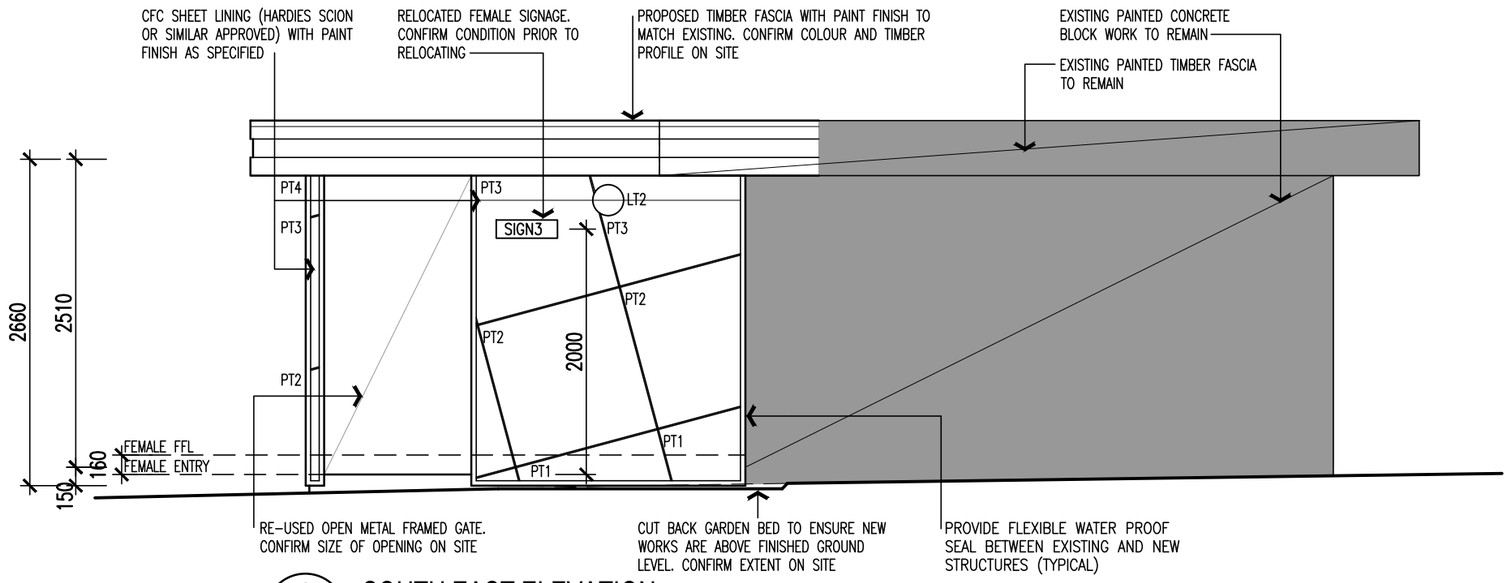
DRAWING No.
A 450

REV.
T1



1 / - SOUTH WEST ELEVATION

SCALE: 1:50



2 / - SOUTH EAST ELEVATION

SCALE: 1:50

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BAYSIDE CITY COUNCIL

SCALE BAR
SCALE 1:50 in mm 0 500 1000 1500 2000

N

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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

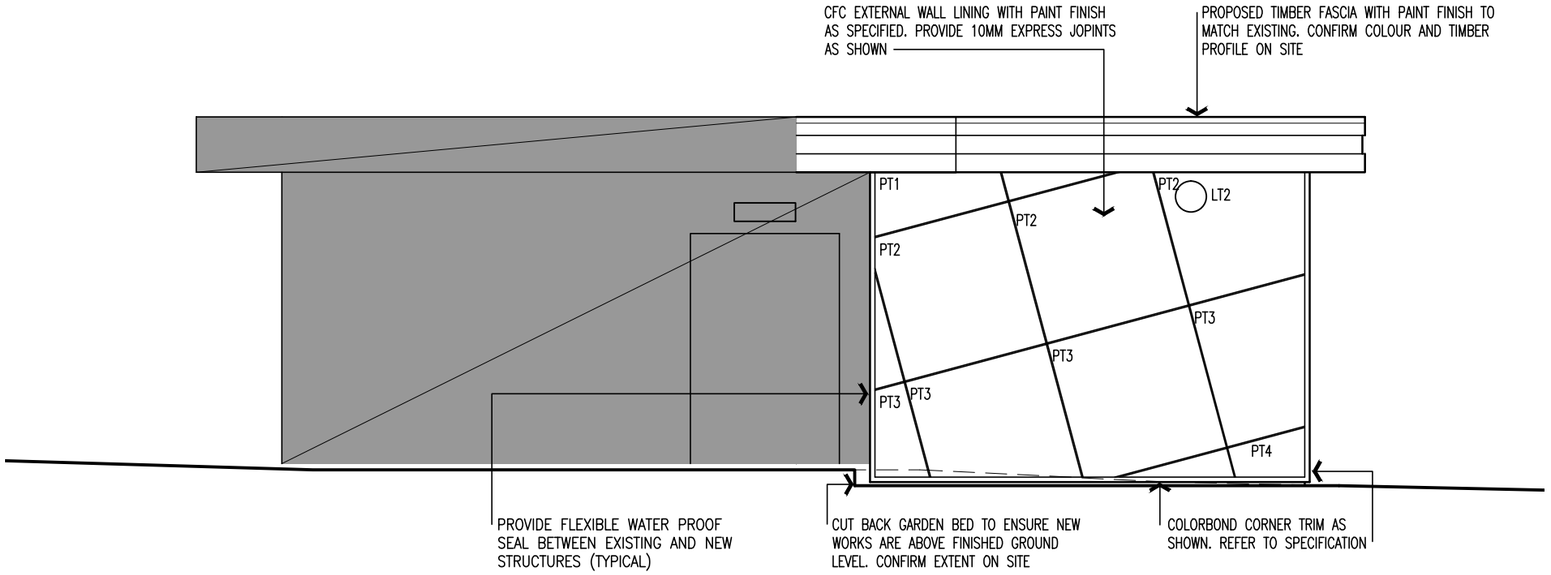
PROJECT
TOILET BLOCK UPGRADE
WELL ST, BRIGHTON – 'CHANGING PLACES'

TITLE
ELEVATIONS
SHEET 1 of 2

SCALE @ A3: 1:50
PLOT DATE: 6/12/2019 12:02:50 PM
CAD FILE NAME: 19.090 BASE
DRAWN: JAH
APPROVED: ----

TENDER ISSUE
NOT FOR CONSTRUCTION

PROJECT No. 19.090
DRAWING No. A 500
REV. T1



1 / - NORTH WEST ELEVATION

SCALE: 1:50

2 / - DOOR SCHEDULE

SCALE: N/A

DOOR D01:
- 2040H x 1100w
- HINGES AS SPECIFIED
- SOLID CORE
- SEALS
- PAINT – PT3
- MLAK LOCKING
- ELECTRONIC COUNTER
- SEALS AS SPECIFIED

DOOR D02:
- 2040H x 1100w
- HINGED AS SPECIFIED
- SOLID CORE
- SEALS
- PAINT – PT3
- COUNCIL LOCKING SYSTEM
- ELECTRONIC COUNTER
- SEALS AS SPECIFIED

GATE D03:
- RE–USED METAL GATE
- RETAIN EXISTING LOCKING
- RE–USED HINGES – CONFIRM ON SITE PRIOR TO CONSTRUCTION
- COUNCIL LOCKING SYSTEM

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CLIENT
BAYSIDE CITY COUNCIL

SCALE BAR
SCALE 1:50 in mm
0 500 1000 1500 2000

N

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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

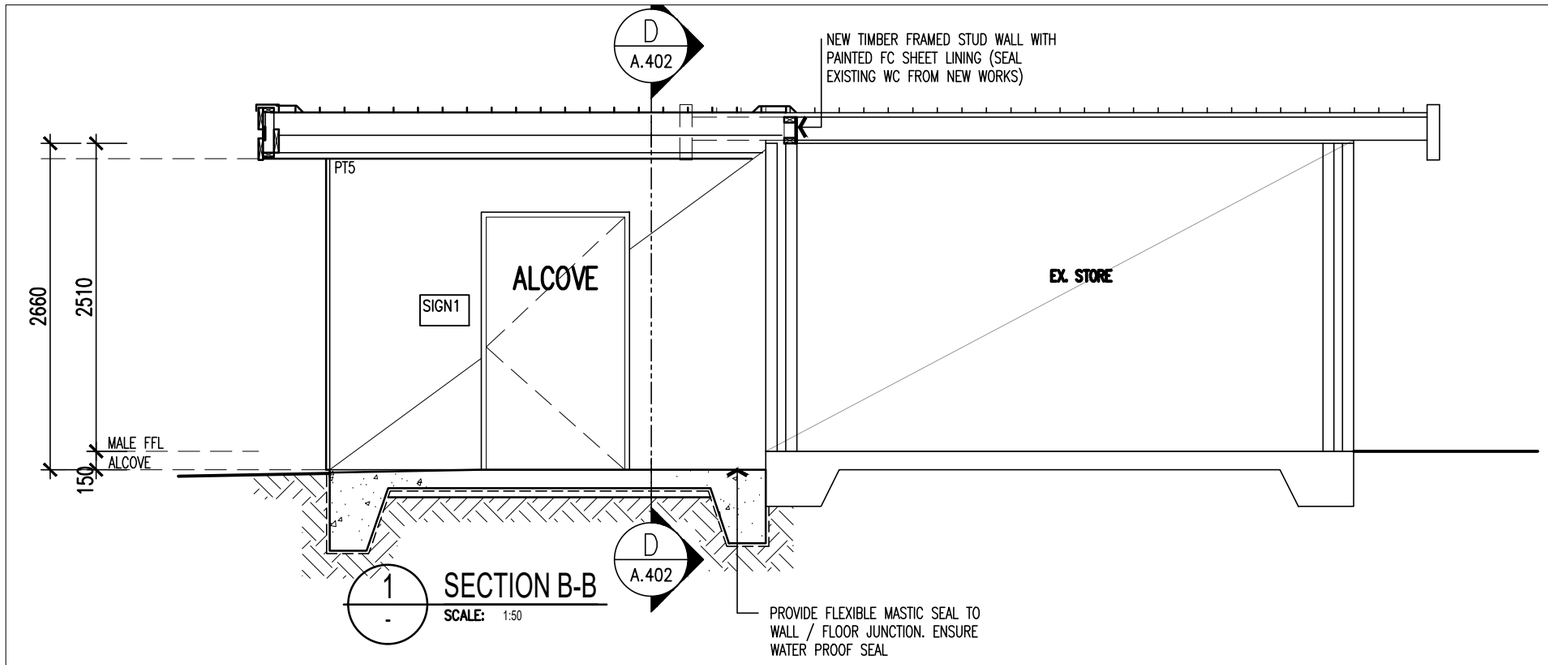
PROJECT
TOILET BLOCK UPGRADE WELL ST, BRIGHTON – 'CHANGING PLACES'

TITLE
ELEVATIONS – SHEET 2 of 2 & DOOR SCHEDULE

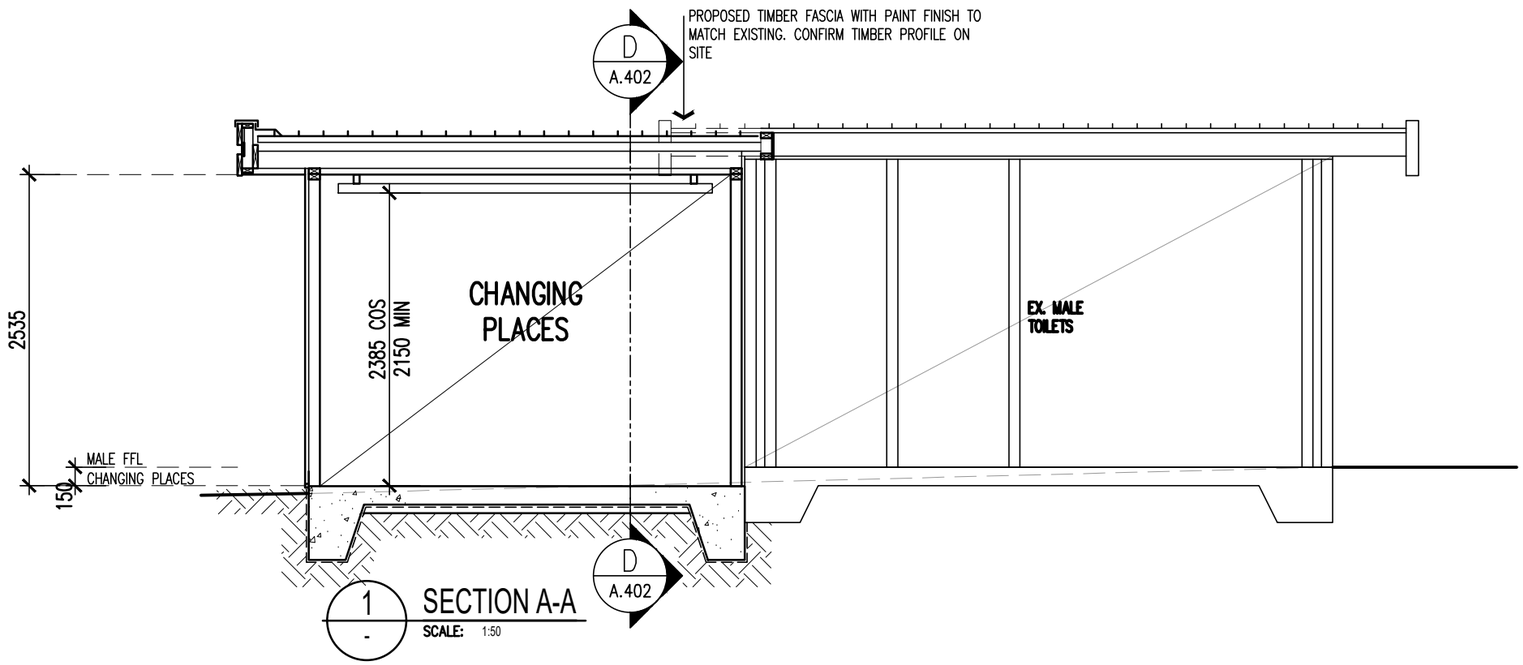
SCALE @ A3: 1:50
PLOT DATE: 6/12/2019 12:02:55 PM
CAD FILE NAME: 19.090 BASE
DRAWN: JAH
APPROVED: ----

TENDER ISSUE
NOT FOR CONSTRUCTION

PROJECT No. **19.090**
DRAWING No. **A 501**
REV. **T1**



1 SECTION B-B
SCALE: 1:50



1 SECTION A-A
SCALE: 1:50

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CLIENT
BAYSIDE CITY COUNCIL

SCALE BAR
SCALE 1:50 in mm 0 500 1000 1500 2000

N

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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE
WELL ST, BRIGHTON –
'CHANGING PLACES'

TITLE
INTERNAL ELEVATIONS

SCALE @ A3
1:50

PLOT DATE
6/12/2019 12:03:00 PM

CAD FILE NAME
19.090 BASE

DRAWN
JAH

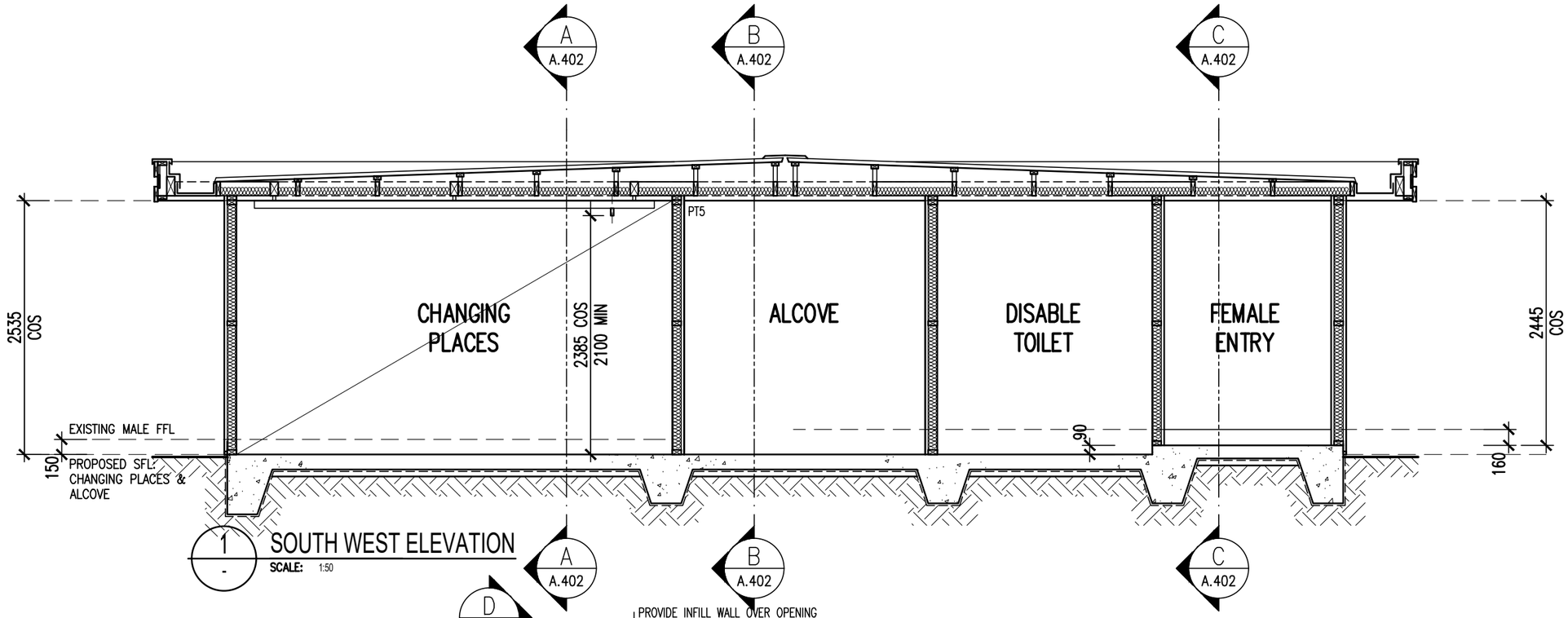
APPROVED

TENDER ISSUE
NOT FOR CONSTRUCTION

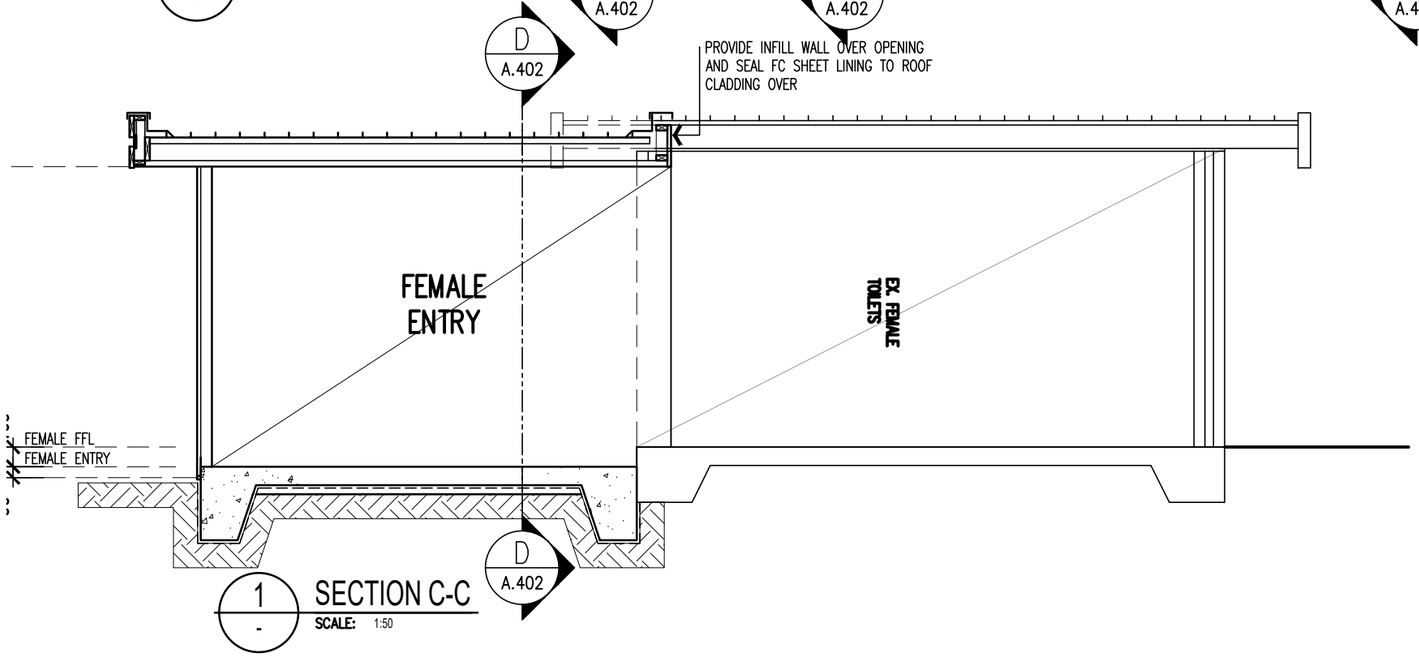
PROJECT No.
19.090

DRAWING No.
A 600

REV.
T1



1 SOUTH WEST ELEVATION
SCALE: 1:50



1 SECTION C-C
SCALE: 1:50

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SCALE BAR
SCALE 1:50 in mm 0 500 1000 1500 2000

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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE
WELL ST, BRIGHTON –
'CHANGING PLACES'

TITLE
INTERNAL ELEVATIONS

SCALE @ A3
1:50

PLOT DATE
6/12/2019 12:03:05 PM

CAD FILE NAME
19.090 BASE

DRAWN
JAH

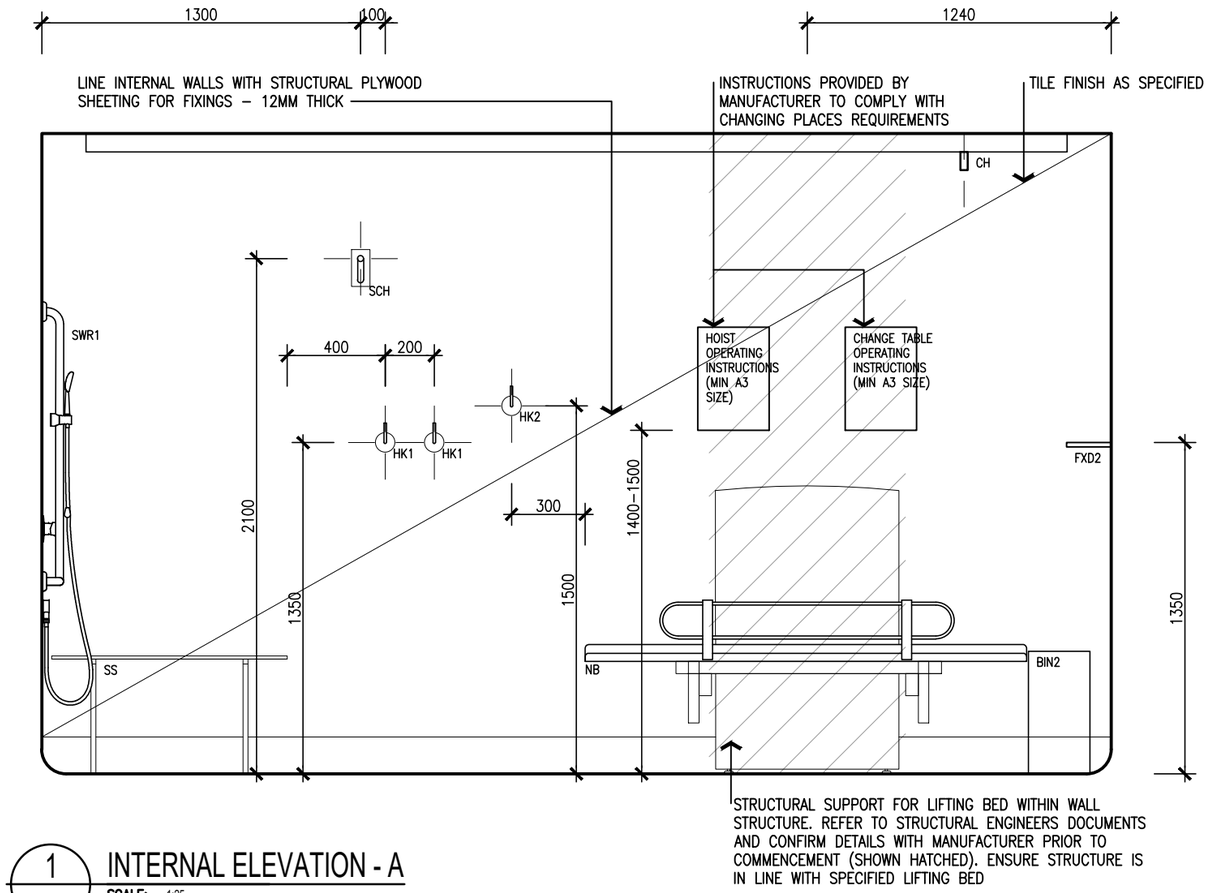
APPROVED

TENDER ISSUE
NOT FOR CONSTRUCTION

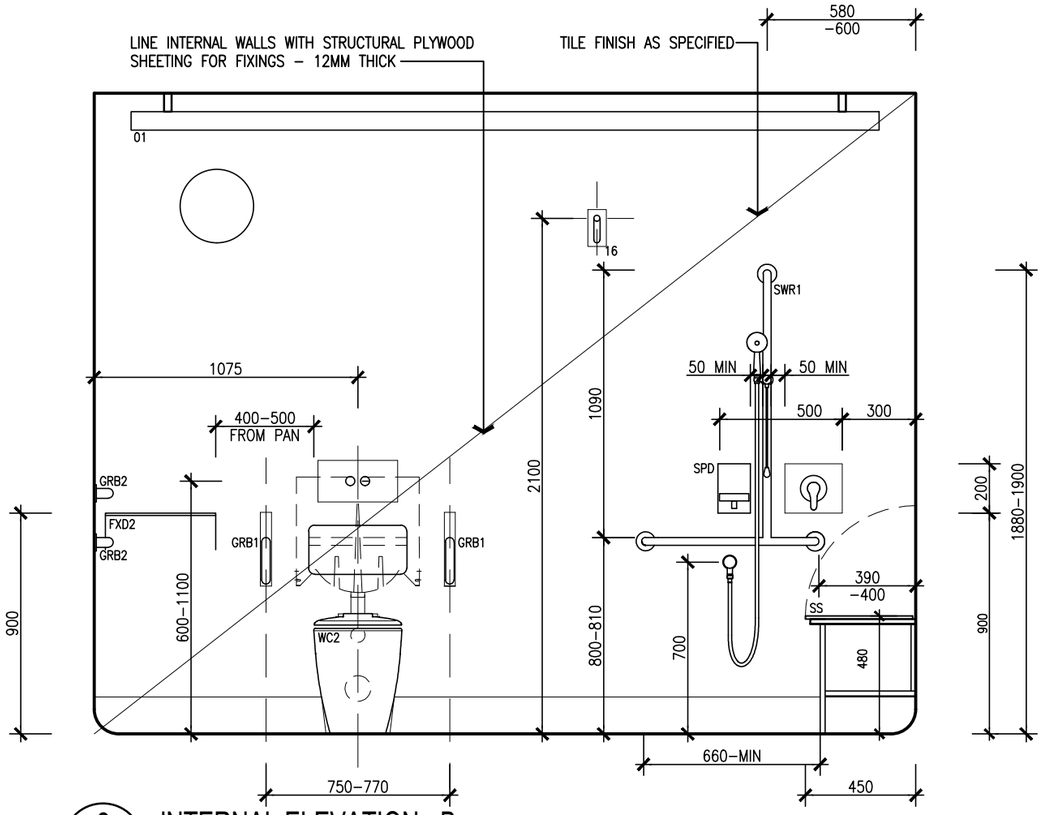
PROJECT No.
19.090

DRAWING No.
A 601

REV.
T1



1 INTERNAL ELEVATION - A
SCALE: 1:25



2 INTERNAL ELEVATION - B
SCALE: 1:25

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CLIENT
BAYSIDE CITY COUNCIL

SCALE BAR
SCALE 1:50 in mm
0 500 1000 1500 2000

N

NOTE:
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REV.	DESCRIPTION	DATE	INIT.
P1	COORDINATION ISSUE	20.11.19	JAH
T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE
WELL ST, BRIGHTON –
'CHANGING PLACES'

TITLE
INTERNAL ELEVATIONS
1 OF 4

SCALE @ A3
1:25

PLOT DATE
6/12/2019 12:03:10 PM

CAD FILE NAME
19.090 BASE

DRAWN
JAH

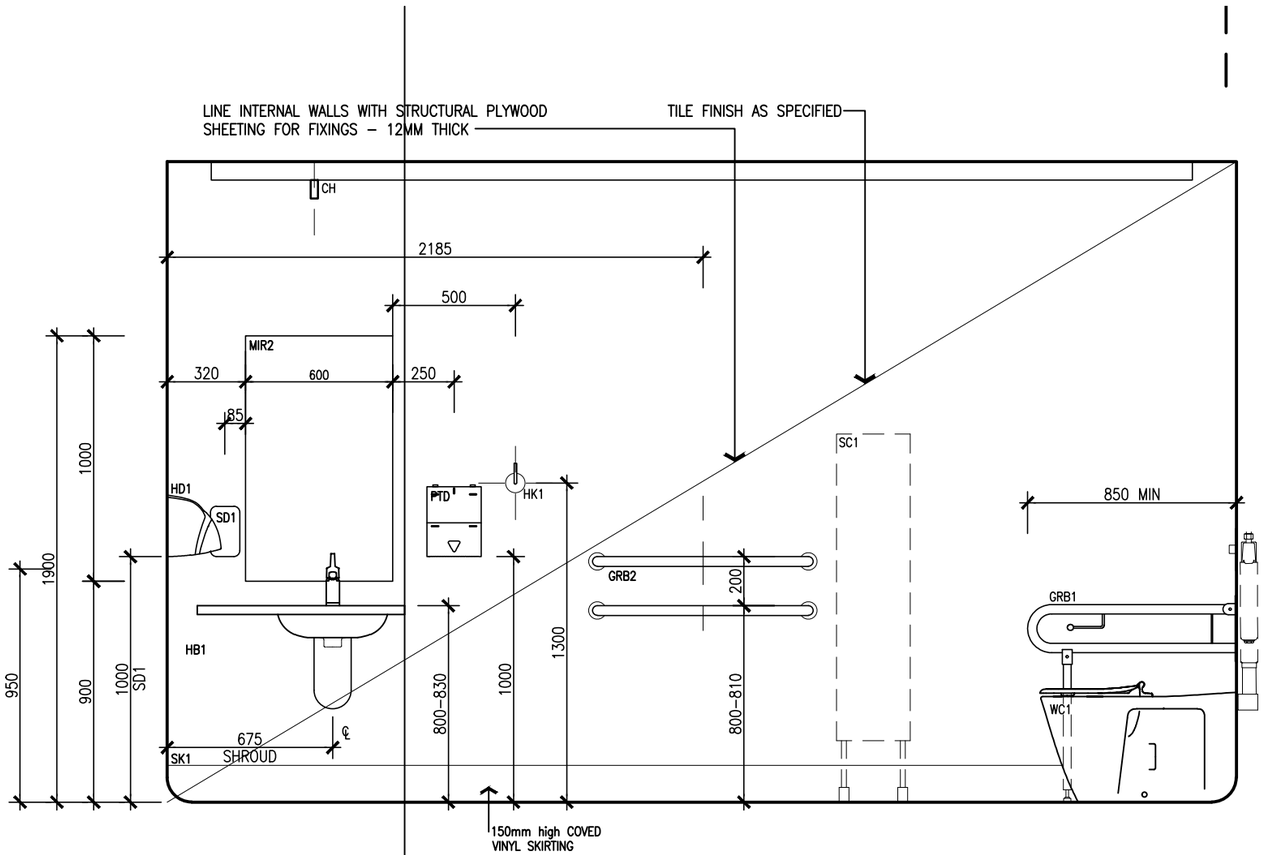
APPROVED

TENDER ISSUE
NOT FOR CONSTRUCTION

PROJECT No.
19.090

DRAWING No.
A 700

REV.
T1



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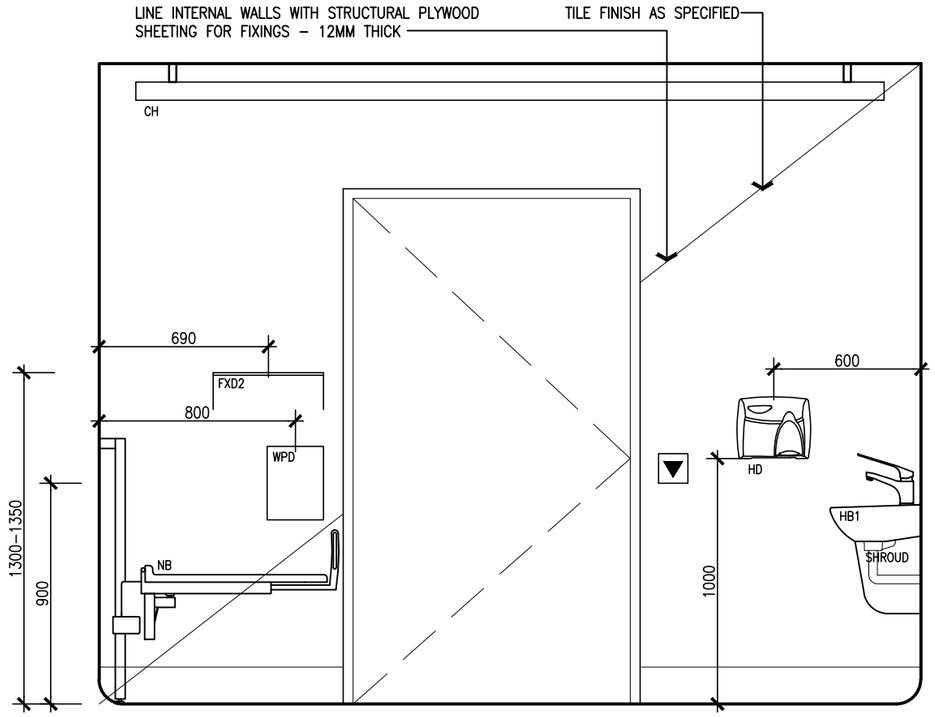

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SCALE: 1:50

ARCHITECT
Crosier Scott Architects
Incorporating DL Design Group & AC Architects
585 Burwood Rd Hawthorn, Victoria 3122 tel: 03 8862 7900 - EMAIL: INFO@CROSCOTT.COM.AU

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SCALE BAR
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T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE WELL ST, BRIGHTON – 'CHANGING PLACES'

TITLE
INTERNAL ELEVATIONS 2 OF 4

SCALE @ A3: 1:25
PLOT DATE: 6/12/2019 12:03:15 PM
CAD FILE NAME: 19.090 BASE
DRAWN: JAH
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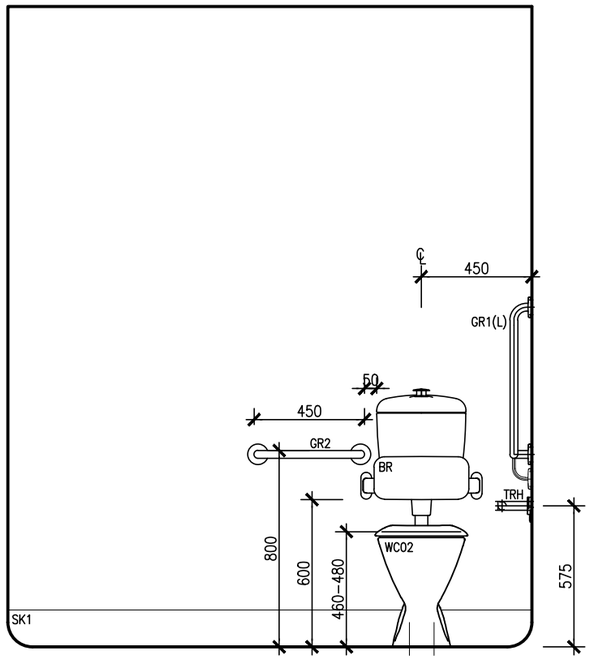
PROJECT No. **19.090**
DRAWING No. **A 701**
REV. **T1**



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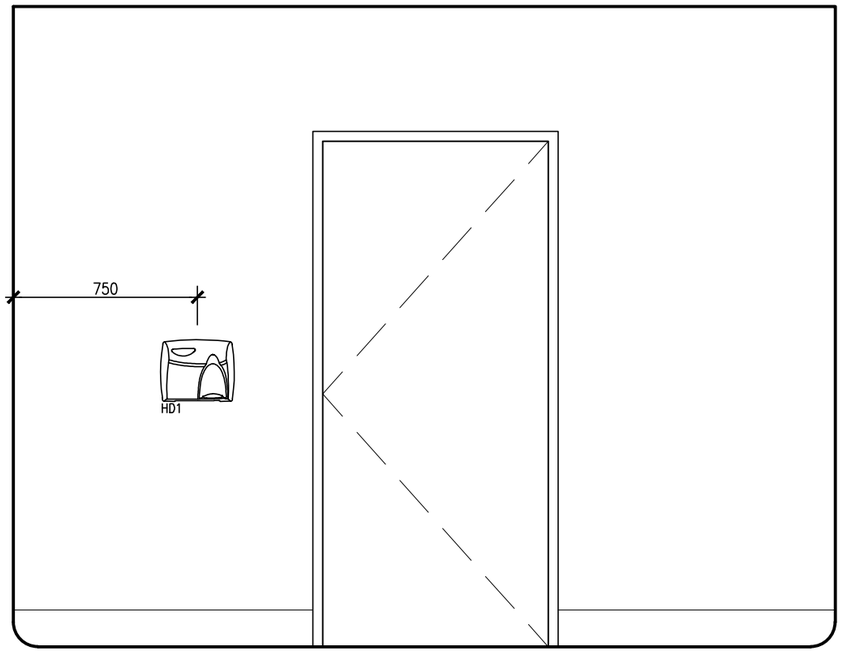

2 - INTERNAL ELEVATION - F

SCALE: 1:25

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PROJECT

TOILET BLOCK UPGRADE WELL ST, BRIGHTON – 'CHANGING PLACES'

TITLE

INTERNAL ELEVATIONS 3 OF 4

SCALE @ A3: 1:25

PLOT DATE: 6/12/2019 12:03:20 PM

CAD FILE NAME: 19.090 BASE

DRAWN: JAH

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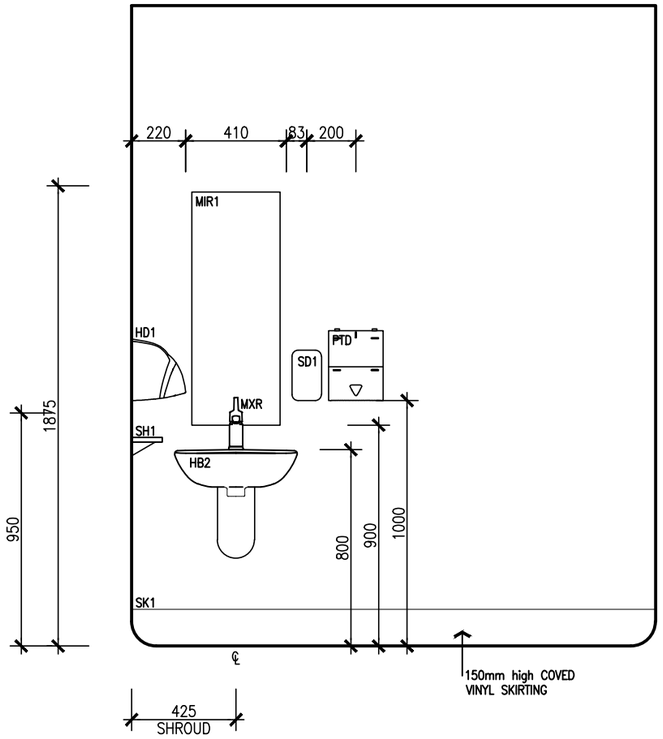
PROJECT No. **19.090**

DRAWING No. **A 702**

REV. **T1**



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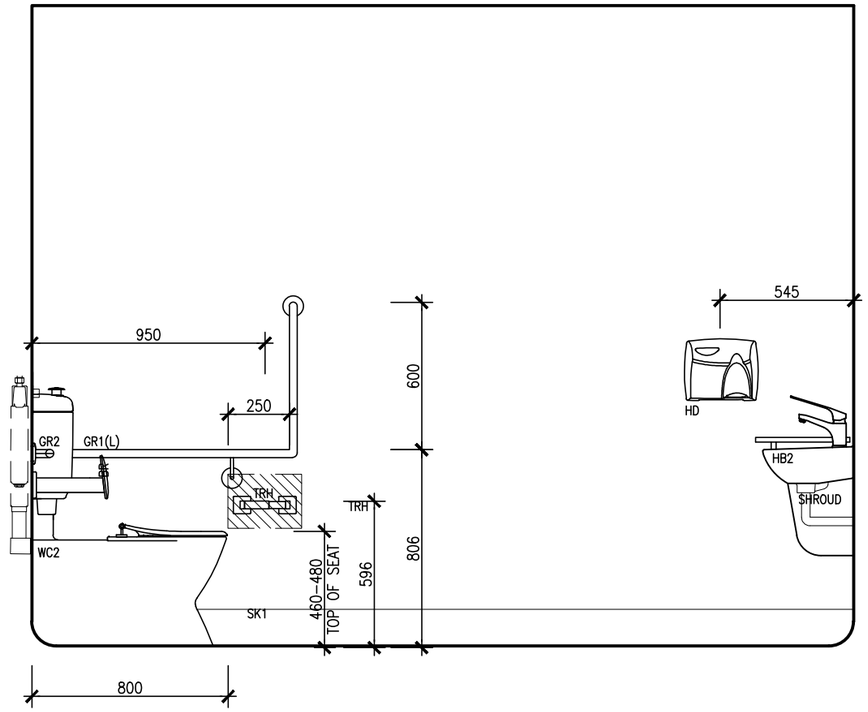

2 INTERNAL ELEVATION - H
SCALE: 1:50

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T1	TENDER ISSUE	06.12.19	JAH

PROJECT
TOILET BLOCK UPGRADE
WELL ST, BRIGHTON –
'CHANGING PLACES'

TITLE
INTERNAL ELEVATIONS
4 OF 4

SCALE @ A3
1:25

PLOT DATE
6/12/2019 12:03:25 PM

CAD FILE NAME
19.090 BASE

DRAWN
JAH

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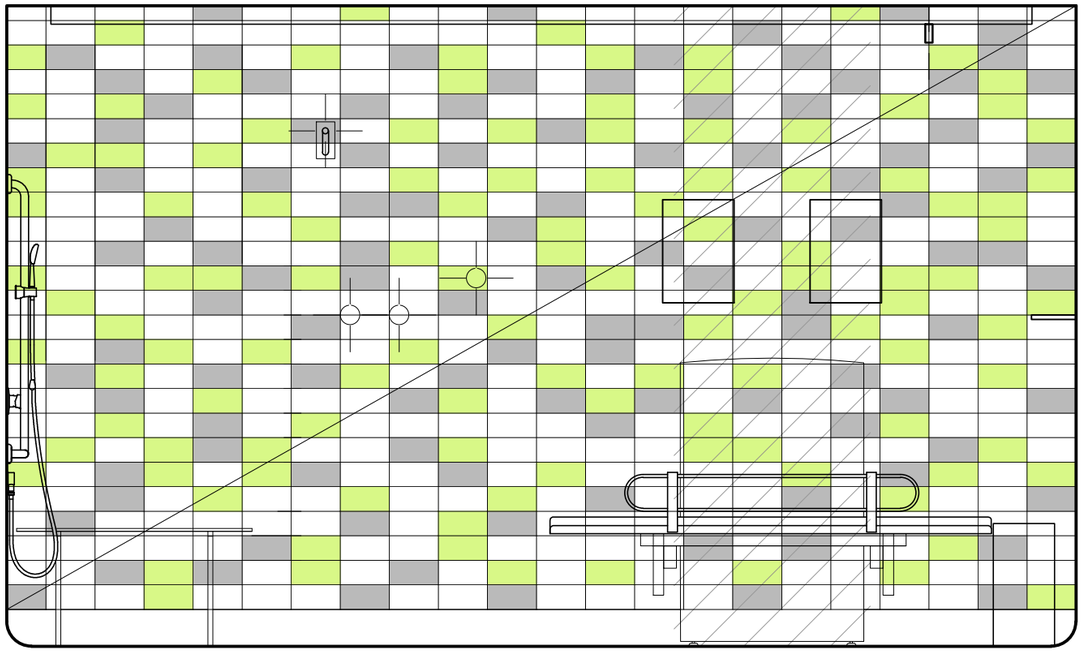
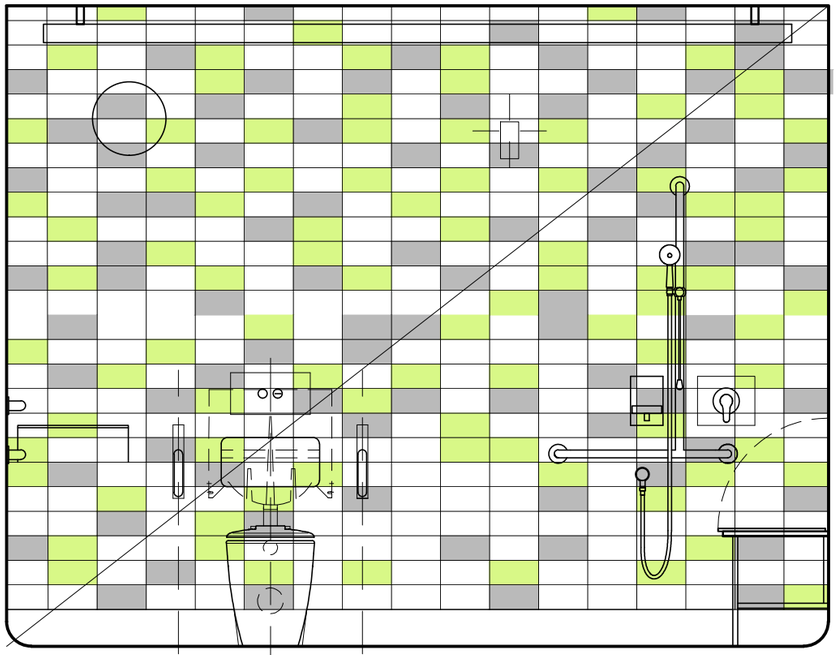
TENDER ISSUE
NOT FOR CONSTRUCTION

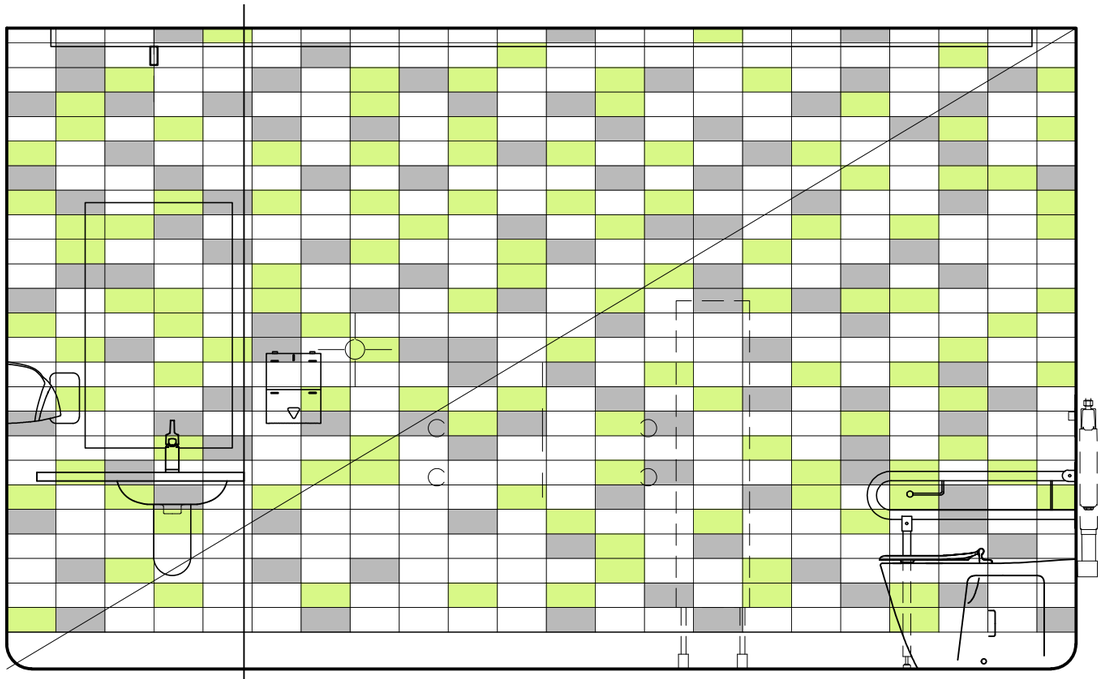
PROJECT No.
19.090

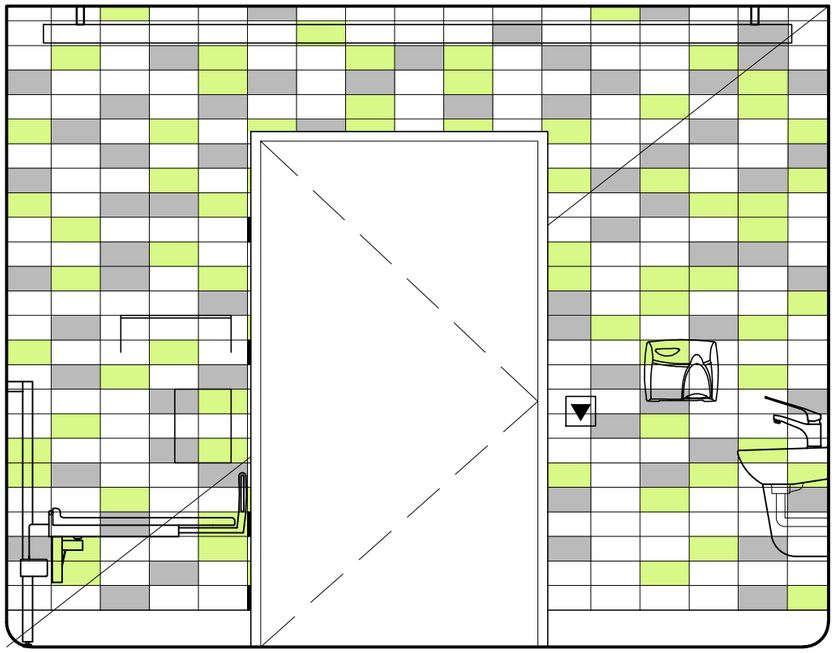
DRAWING No.
A 703

REV.
T1









ARCHITECT

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PROJECT
TOILET BLOCK UPGRADE WELL ST, BRIGHTON – 'CHANGING PLACES'

TITLE
CHANGING PLACES INTERNAL WALL TILE LAYOUT

SCALE @ A3: 1:25
PLOT DATE: 6/12/2019 12:03:31 PM
CAD FILE NAME: 19.090 BASE
DRAWN: JAH
APPROVED: ----

TENDER ISSUE
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PROJECT No. **19.090**
DRAWING No. **A 710**
REV. **T1**

Well St Brighton WC Upgrade
STRUCTURAL DRAWINGS

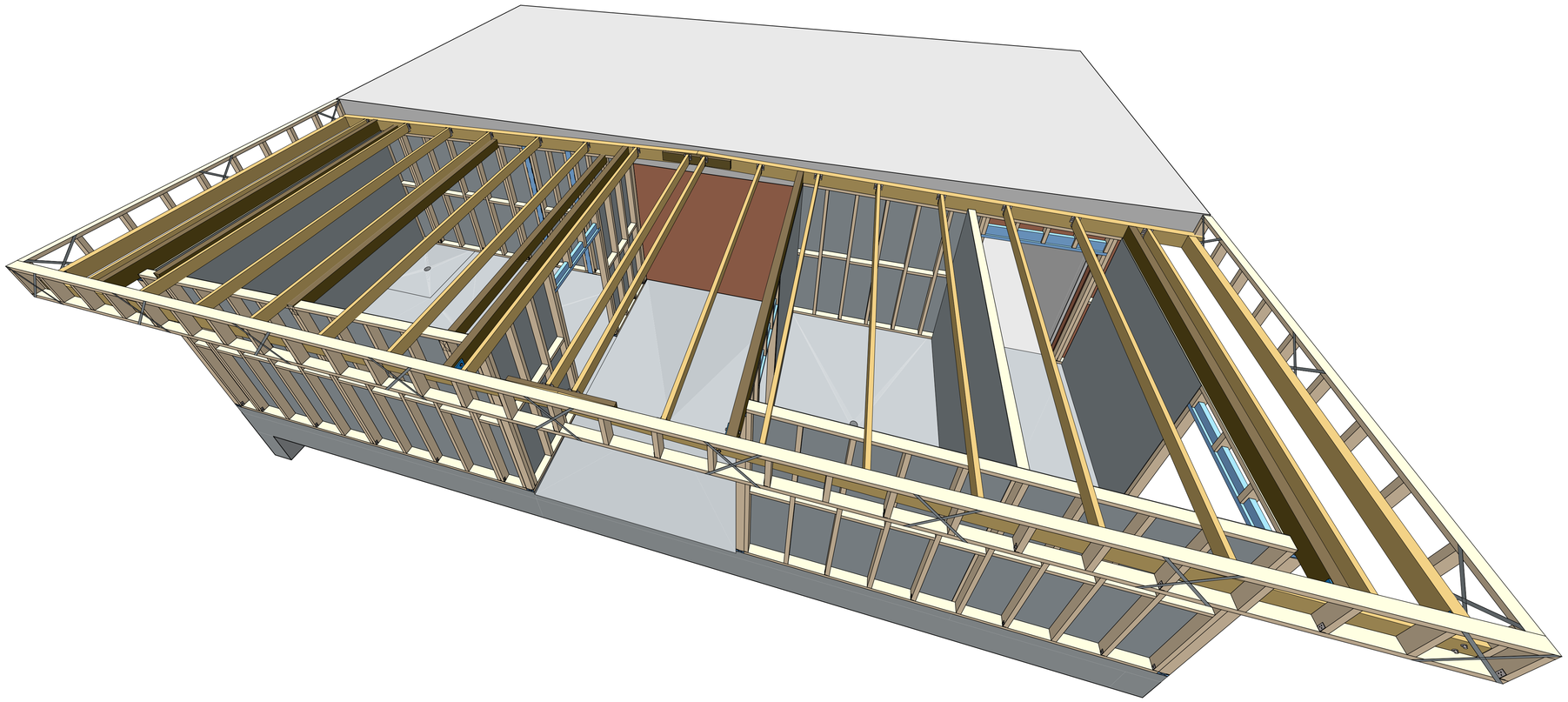
Hive Engineering Pty Ltd
ABN 14 479 606 024

PO Box 3172
Prahran East, VIC 3181

0432 409 848
www.hiveengineering.com.au

DRAWING LIST

NUMBER	TITLE
S00	Cover Sheet
S01	General Notes
S02	Foundations and Slab
S03	Framing
S04	Plans
S05	Sections



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PROJECT:
Well St Brighton WC Upgrade

A1

PROJECT NUMBER: 19012

GENERAL

G1 These drawings are to be read in conjunction with all other architectural and consultants documentation including specifications. These drawings show only structural elements.

G2 Any discrepancies between the documents and other documentation or Australian standards are to be referred immediately to the Engineer, Hive Engineering, for clarification prior to the commencement of work. In the case of discrepancy, the more stringent requirement shall apply.

G3 All workmanship and materials shall be in accordance with the relevant Australian standards and the Building Code of Australia. The builder shall ensure that they meet all the requirements of all relevant authorities.

G4 The builder shall be responsible for the verification of all dimensions. All dimensions are in millimetres unless stated otherwise. All levels are expressed in meters.

G5 The builder shall be responsible for all set out and the checking of all survey marks used. The builder shall not commence work on site unless a qualified licensed surveyor has checked the building extent is within the title. Any discrepancy shall be referred immediately to Hive Engineering for clarification prior to the commencement of work.

G6 Unless specifically noted otherwise, all products shall be used in accordance with the manufacturer's instructions. The builder shall be responsible for obtaining installation instructions and procedures. Any discrepancy shall be referred immediately to Hive Engineering for clarification prior to the commencement of work.

G7 All temporary works shall be the responsibility of the builder. The builder must maintain the structure in a safe and stable condition during construction. The builder shall be responsible for obtaining certification for all temporary works to the satisfaction of all relevant legislation and workplace safety guidelines.

G8 Substitutions and alternative products or techniques must be submitted to Hive Engineering for approval. The difference in cost must be included in the tender price. Hive Engineering reserves the right to select all materials and products, and may reject the use of a product or technique. The builder shall allow a minimum period of five (5) working days for the review and approval of an alternative product.

G9 These drawings do not show all details of all screws, nails, fixings, fixtures, sleeves, openings, sealants, etc that will be required by the relevant trades to complete their work. The builder shall allow for the cost of all of these items within their tender price and ensure that all elements are appropriately fixed.

G10 The builder shall be responsible for ensuring that all labour is qualified, competent and able to perform the work. All legal requirements for labour shall be the responsibility the builder.

G11 The builder shall be responsible for any person that enters the site and must show proof of public liability insurance to cover any claim made during construction. The works shall be left in a state that ensures safety for the public.

G12 Where Hive Engineering is required to attend eg. inspections or similar, a minimum of 2 no. business days is required as notice by Hive Engineering. Hive Engineering will not be held responsible for any delays that may occur during a project if this minimum notice period is not provided and attendance by an Hive Engineering representative is required.

G13 The structural work on these drawings has been designed for the following live loads:

Area	*Live Load*
Non Trafficable Roof	0.25 kPa ≤ ((1.8/A) + 0.12) kPa
Bathroom	4.0 kPa

G14 The structure has been designed for the following wind load parameters

Regional Basic Design Velocity (V_R)	46m/s
Terrain Category	3

FOUNDATION AND GROUND WORKS

F1 Soil Classification for the site is in accordance with the geotechnical report.
Site classification to AS2870 Residential Slabs & Footings.

F2 Footings are to be founded a minimum of 100mm into Natural Founding Material.
Refer to geotechnical report.
The minimum founding depths are to be as noted in the soil report.

F3. Before any concrete is poured, all excavations shall be carefully inspected by an independent Geotechnical Engineer so that the founding material and safe bearing capacity are verified to be as per the soil report. This inspection shall be undertaken at the contractor's expense. This office shall be contacted immediately if conditions other than those described in the soil report are encountered or any filling is discovered.

F4 Prior to any compacted fill being placed the ground below the slab shall be proof rolled with a 3 tonne sheepsfoot roller compactor. Any 'soft spots' encountered shall be dug out and replaced with compacted crushed rock as to AS2870.
Fill used in the construction of the slab, except where the slab is suspended, shall consist of controlled fill as follows:
* The 50mm immediately below the slab shall be an approved sand of maximum particle size of 1mm and thoroughly compacted. Below this, where it is required to build up to correct level or to replace sub-grade, the fill shall be approved gravel or fine crushed rock and shall be laid in 200mm compacted thickness layers.
* The extent of uncontrolled and controlled fill on the site shall be the responsibility of the contractor.

F5 Concrete slabs cast against ground shall have a 0.2mm polythene membrane, branded as concrete underlay, under the slab surface, continuous, lapped 200mm and tapped at laps, punctures and service and pipe penetrations.

F6 Over-excavation within the influence line (45 degrees downwards) of any existing foundations including strip footings, pad footings, retaining walls, etc shall not be permitted without written authorisation from the structural Engineer.

F7 Excavations near the building edge shall be backfilled in such a manner to prevent ready access of water to the foundations.

F8 The ground surrounding the slab shall have its surface at least 150mm below the slab surface and be sloped away from the slab edge so that surface water will be run via impermeable spoon drains to suitable drainage points.

F9 All grass roots, vegetation and compressible topsoil must be removed from the area of the slab.

F10 Termite protection shall be provided as required by the local authority.

F11 Owners must recognise their responsibilities noted in AS2870 and in more detail in C.S.I.R.O publication, "Guide to homeowners on Foundation Maintenance and Footing Performance".

F12 If the removal of a pre-existing structure of vegetation disturbs the natural soil profile at the recommended foundation depths, footings shall be deepened at least 200mm below this level or as specified either on the drawings, in the soil report or by an experienced consultant with approved qualifications.

F13 All service trenches shall be properly backfilled with the excavated soils at the optimum moisture content to ensure that sub-surface inundation does not occur. On reactive clay sites, effort shall be made to locate service trenches away from the building to eliminate the potential of movement that can be caused by surface trench inundation. The excavation of surface trenches shall also be undertaken with regard to a footings angle of repose - see general notes sheet for more information.

CONCRETE

C1 All workmanship and materials shall be in accordance with AS3600 & AS1379. Concrete testing shall be by the Project Assessment method.

C2 Cover (millimetres) to all reinforcement including fitments (excluding finishes) shall be as follows unless otherwise shown.

Element	*Formed Internal*	*Finished External*	*Surface Cast Against Ground*
Footings	-	50	75
Bored or cast piers	-	50	75
Columns / Pedestals	50	50	50
Walls - to Vertical Reinforcement	40	40	50
Beams	30	40	50
Slabs	20	40	30

C3 Sizes of concrete members do not include thickness of applied finishes.

C4 Depths of beams are given first and include slab thickness.

C5 Beams and slab shall be poured in together in one operation, unless noted otherwise.

C6 No holes chases or embedment of pipes other than those shown on the Structural Drawings shall be made in concrete members without prior approval of the Engineer.

C7 Reinforcement is shown diagrammatically and not necessarily shown in true projection. Reinforcement is denoted by a symbol in accordance with AS1302 for Bars and AS1304 for Fabric.

C8 Splices in reinforcement shall be made only in the position as shown or as otherwise approved by the Engineer. Where lap length is not shown, it shall be sufficient to develop the full strength of the reinforcement. Laps to fabric shall be two transverse wires plus 100mm.

C9 Welding of reinforcement shall not be permitted without the approval of the Engineer.

C10 All reinforcement shall be supported in its correct position during concreting by approved bar chairs, spacers or support bars. For all external surfaces, provide fully plastic bar chairs, tie wire should not be nailed to the forms, reinforcing bars should not be used to keep forms apart and a through tie system shall be used to tie forms.

C11 Provide N12 distribution bars at 450mm centres to all slab reinforcement except where shown otherwise. Lap bars 300mm at splices. Provide 2N16 x 1200mm diagonal trimming bars in each face of member around openings.

C12 Camber - unless noted otherwise on the drawings, slabs shall be given a positive upward camber at mid-span of 3mm per 1000mm span. The method of cambering is to be agreed with the Engineer. Beams shall be cambered as shown on the drawings(negative cambering is not allowed)

C13 Formwork shall be designed and constructed in accordance with AS3610. Formwork shall remain in position for a minimum of 28 days after pouring of concrete unless written approval by the Engineer stating otherwise is obtained.

C14 Concrete grades shall be as follows:

Element	f'c (MPa)	Slump (mm)	Aggregate (mm)
Footings / Piers	32	75	20
Ground slab	32	65	20

* External elements are those exposed to weather rain and water penetration and are classified B1 unless noted otherwise.

C15 Ground slabs, external concrete elements, Grade S32 minimum shall meet the following requirements - minimum Portland cement content 330kg/m^3 (no fly-ash to be used). Maximum water:cement ratio 0.5, shrinkage limit 600 micro-stain after 56 days and chloride content to be restricted as per AS3600, Clause 4.9.

C16 Concrete must be moist cured by an approved method for seven days after pouring and curing must commence within 2 hours of placement.

C17 Additive must not be added to the concrete without the approval of the Engineer.

C18 Construction joints must be properly formed and constructed only where shown or approved by the Engineer.

C19 All concrete shall be mechanically vibrated. The vibrators shall not be used to vibrate the forms nor shall they be used to spread the concrete. Free dropping of concrete from a height greater than 1000mm shall not be permitted.

C20 Concrete shall be separated from supporting masonry by two layers of malthoid (or an approved equivalent). For slabs on ground and paving, vertical faces of slabs masonry walls and columns are to be separated by 10mm thick bituminous conite or similar.

C21 Provide a 20mm x 20mm chamfer to all visible junctions of concrete faces, except for precast panels 12mm x 12mm chamfer. - refer to Architects drawings for further details.

C22 All props and formwork for beams and slabs shall be removed before construction of any masonry walls or partitions on the floor.

C23 All non load bearing walls shall be kept clear of the underside of slabs and beams by 20mm unless otherwise shown. All windows shall have a 20mm deflection head to the underside of slabs. This is to allow for long term slab deflection and to prevent wall buckling caused as a result of non-load bearing elements becoming loaded.

C24 Unless otherwise specified the surface finish to concrete elements shall be Class 2 in accordance with AS3610.

C25 Sprayed concrete shall be done by competent experienced contractors and shall comply with the requirements of Concrete Institute publication CIA Z5-2010 Shotcreting in Australia.

C26 The concrete mix design shall be done by the concrete supplier specifically for the purpose of spraying. The 28 day characteristic strength shall be 40MPa or greater.

C27 The builder shall provide evidence that sprayed concrete has reached the required 28 day characteristic strength. The builder shall collect concrete cylinders for possible testing for each batch of concrete supplied.

C28 The equipment used shall be capable of delivering materials to the nozzle at a uniform rate at a velocity of discharge which will produce a dense coating with maximum adherence of material, minimum rebound and with no sloughing or sagging.

C29 Sprayed concrete walls shall be trowel finished to a class 3 finish. For planar surfaces, the maximum deviation from a 1.0 m straight edge shall not exceed 10mm.

STRUCTURAL STEEL

S1 All materials, workmanship, fabrication and erection shall comply with the requirements of AS1250 and AS4100 Steel Structures Code.

S2 All welding shall be performed by an experienced welder and comply with AS1553 and AS1554 and as in S1.

S3 All welds, unless noted otherwise, shall be 6mm continuous laid down with an approved, covered electrode.

S4 All butt welds shall be fully prepared, full penetration, qualified welds and shall develop full strength of the members connected. Butt welded joint details shall be shown on the shop drawings.

S5 Bolt designation - M20 8.8/S
M20 - denotes bolt diameter in mm.
8.8 - denotes strength code
S - denotes method of installation

S6 All bolts shall be either commercial grade bolts to AS1111 (strength grade 4.6) or high strength bolts to AS1252 (strength grade 8.8) installed in accordance with AS1250 and AS4100.

S7 Methods of installation:
4.6/S - tightened using a standard wrench to a "snug tight" condition.
8.8/S - tightened using a standard wrench to a "snug tight" condition.
8.8/TF - bolts in a friction type joint, tightened by the part turn method.
8.8/TB - bolts in a bearing type joint, tightened by the part turn method.

S8 Provide sufficient bolt length to ensure that one full thread is exposed after tightening.

S9 load indicating washers must be installed in accordance with the manufacturers recommendations.

S10 Structural connections:

Element	*Minimum Requirement*
Fillet Welds	*6mm cfw all round - Special Purpose (SP) Weld*
Butt Welds	*FSBW - Special Purpose (SP) Weld*
Purlin Bolts	*M12 4.6/S Bolts - Minimum 2 per Connection*
General Bolts	*M20 8.8/S Bolts - Minimum 2 per Connection*
Cap Plates	*Minimum 12mm thick*
Base Plates	*Minimum 20mm thick, on 20mm grout bed (fully grouted)*
Portal Frame End PL	*Minimum 25mm thick*
Cleat Plates	*Minimum 10mm thick*
Packers	*All packers shall be neoprene or steel plate.*
Grout	*Grout shall be minimum 70 MPa non shrink grout*

S11 Holding down bolts shall be grade 4.6/S in 6mm tolerance holes. Provide oversized washers to suit.

S12 Provide a washer of appropriately larger size between bolts and any oversized or slotted holes.

S13 The contractor shall provide ad leave in place such temporary bracing as is necessary to stabilise the structure during erection and until permanent bracing elements are constructed.

S14 The Contractor is to provide three copies of all steel workshop drawings to Hive Engineering for inspection before commencing fabrication. Inspection does not include checking of dimensions or layout, nor preclude the fabricator from the responsibility for correctness of the work.

S15 Steelwork is to be adequately protected against corrosion to achieve a medium term life before maintenance. External steel or steel subject to moisture to comply with AS2312. Details of protection system to be submitted for approval with tender.

S16 All internal steelwork or steelwork in non corrosive environments, other than that encased by concrete or mating surfaces of friction type connections, shall be thoroughly brushed to remove all rust and loose mill scale and given one coat of zinc rich primer to AS4089. After erection, any damaged paintwork shall be repaired. Primer colour and final paint coats to be as specified by architect.

S16 Provide a camber of 2mm per meter span for all steelwork longer than 5.0m.

S18 Structural steelwork to be concrete encased for fire protection shall be enclosed with F41 mesh placed 25mm clear of steel member. Encasing to provide 25mm minimum cover to mesh above ground, 50mm minimum cover below.

S19 Galvanised members shall be hot dipped galvanised.

S20 After erection, paint nuts and bolt heads with one coat of approved primer.

S21 Steelwork bearing on masonry or concrete shall be a minimum of 150mm supported on 20mm of grout.

S22 Provide hook bolts from every second purlin to any roof bracing

S23 Purlins and girts to be installed with bridging to the purlin/girt manufacturers specification.

S24 All exposed lintels to be hot-dip galvanised.

S25 All steel to be grade 300MPa UNO.

TIMBER

T1 All timber materials, workmanship and construction shall comply with the requirements of AS1620.1 Timber Structures Code and AS1684 Timber Framing Code.

T2 All structural timber shall be either:

Douglas Fir (Oregon)	Strength Group	SD5
	Strength Grade	F7
	Maximum undersize	3mm
Selected Hardwood (HW)	Strength Group	SD4
	Strength Grade	F8
	Maximum undersize	4mm
MGP Pine (SW)	Strength Group	SD6
	Strength Grade	MGP10, 12, 15
	Maximum undersize	0mm
Radiata Pine (SW F7)	Strength Group	SD5
	Strength Grade	F7
	Maximum undersize	0mm
Seasoned Hardwood (KDHW)	Strength Group	SD3
	Strength Grade	F17
	Maximum undersize	0mm
Laminated Veneer Lumber (LVL) (HYSPAN)	Radiata Pine Veneer	
	Strength Grade	F16
	Maximum undersize	0mm
Hybeam (HJ)	Flanges - Hyspan LVL	
	Web - F14 Structural Ply to AS2269	
	Maximum undersize	0mm
Posistrut	To MiTek Specifications	
TECBeam Engineered Joists	To TECBeam Specifications	

T3 The moisture content of any structural timber shall not exceed the 15%.

T4 All stud walls are to be constructed and securely cross braced as specified in AS1684.

T5 Unless noted otherwise all framing is to be tied down, nailed and anchored in accordance with AS1684 and AS1620.1. All timber rafters supporting metal deck roofs and all timber nailing plates are to be securely tied down using approved Triple-L-grip connectors or approved equivalent.

T6 All beams and lintels shall have a minimum of 150mm bearing.

T7 All load bearing timber posts shall have a concrete stump located directly under with a 450 x 450 x 200 deep mass concrete footing unless noted otherwise.

T8 Where timber structures have been detailed on these drawings, one (1 no.) copy of all timber shop drawings shall be submitted to this office for inspection before commencing fabrication.

T9 U.N.O. Roof truss design and layout is by others. One (1 no.) copy of all timber truss shop drawings shall be submitted to this office for inspection before commencing fabrication.

T10 All exposed timber to be painted or otherwise protected from weather and shall be as a minimum Class 1.

T11 U.N.O. as a minimum, all new ground floor timber floors shall be constructed from 90 x 45 F17 KDHW joists at 450 max. crs with a maximum span of 1500mm. All bearers shall be 90 x 70 F17 KDHW bearers with a maximum span of 1200mm. Bearers shall be supported on 100 x 100 concrete stumps with 400 x 400 x 150 deep pads. All floor joists shall have blocking of equal size to adjacent joists and provided at max. 1200 centres unless noted otherwise.

T12 All floor joists shall have blocking of equal size to adjacent joists and provided at max. 1200 centres unless noted otherwise. Fix end joists to solid block walls with M16 dynabolts at 900 max crs. Typical for all timber floors.

FRAMING MEMBERS

Studs:	90 Walls:	90 x 45 MGP10 pine at 450mm maximum centres notched 20mm for bracing. (max height 2700mm)
		90 x 45 MGP10 pine at 450mm maximum centres. (height 2700 - 3000mm)
	Double Studs:	2no. 90 x 45 MGP10 pine studs
	140 Walls:	140 x 45 MGP10 pine at 450mm maximum centres notched 20mm for bracing. (max height 2700mm)
		140 x 45 MGP10 pine at 450mm maximum centres. (height 2700 - 3000mm)
	Double Studs:	2no. 140 x 45 MGP10 pine studs

Fix end stud wall to masonry walls with M10 dynabolt at top, bottom and 1500 maximum centres typical. Refer to the Nogging notes below for minimum spacing requirements.

Studs at side of openings:

Opening width:	Studs:
up to 1000mm	1no. 90 x 35 MGP10 pine
1000mm to 1800mm	2no. 90 x 45 MGP10 pine
1800mm to 2400mm	2no. 90 x 45 MGP12 pine

Wall Bracing:
Bracing of all stud walls to be in accordance with the Victorian Timber Framing Manual, section 4.9 - Plywood Bracing UNO on drawings.

Fixing Requirements:
General: Refer to section 6.0 of the Victorian Timber Framing Manual for typical fixing requirements.

Minimum joint requirements for sheet roof structures:

Joint or Member	*Minimum fixing details:*
Rafters & purlins	Metal straps, approved framing anchors or equivalent shall be used to tie rafters to wall top plates and wall top plates to studs (or rafters directly to studs) with a minimum of three 30mm x 3.15 diameter nails or clouts into the side grain of each member. Maximum spacings of fasteners shall be 1800mm or three stud spacings, whichever is lesser.
Large Span roof members (such as trusses or roof beams of span 6000mm or greater.	As for rafters & purlins. Spacing of fastenings shall not exceed the spacing of roof members.

Fixing for structures in areas of relatively high winds:
General Refer to section 6.7 of the Victorian Timber Framing Manual for additional fixing requirements.

Noggings:
Studs in each panel of walling shall be stiffened by means of closely fitted solid timber noggings at a vertical spacing of not more than 1350mm centres. Closer spacings shall be used where necessary for the support or fixing of cladding, lining or fixtures. In Lower Storey Framing, noggings shall be provided at a vertical spacing of not more than 1000mm centres. Noggings shall not be less than 25mm thick, or 38mm thick where nail fixed sheet material is to be butt jointed thereon, and shall not be offset by more than the thickness from the straight line. Nogging depths shall not be less than the depth of the studs minus 25mm.

Hive Engineering Pty Ltd
ABN 14 479 606 024
PO Box 3172
Prahran East, VIC 3181
0432 409 848
www.hiveengineering.com.au

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REV:	DATE:	AMENDMENT:
T1	20 / 11 / 19	TENDER ISSUE

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CLIENT:

PROJECT: Well St Brighton WC Upgrade

PROJECT NUMBER: 19012

DRAWING TITLE: Notes
General Notes

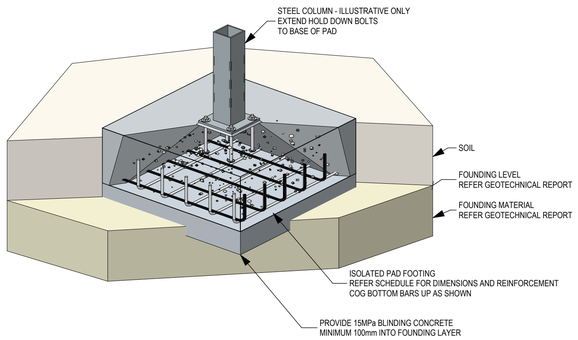
DRAWING NUMBER: S01

STATUS: FOR TENDER
NOT FOR CONSTRUCTION

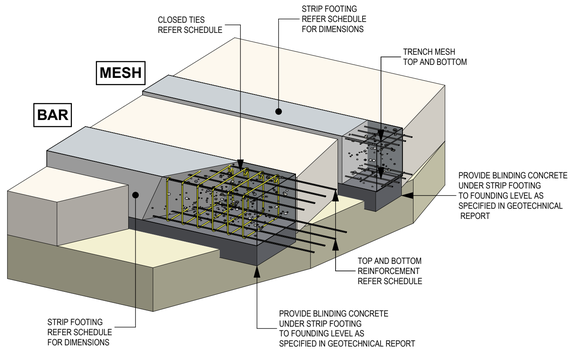
A1

REVISION: T1

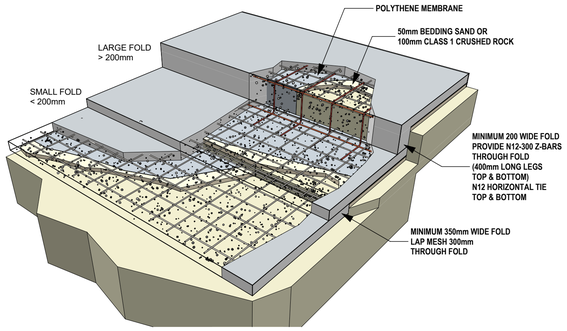
Crosier Scott Architects
Incorporating DL Design Group & AC Architects
585 BURWOOD RD. HAWTHORN, VIC 3122 - 03 8862 7900 - INFO@CROSCOTT.COM.AU



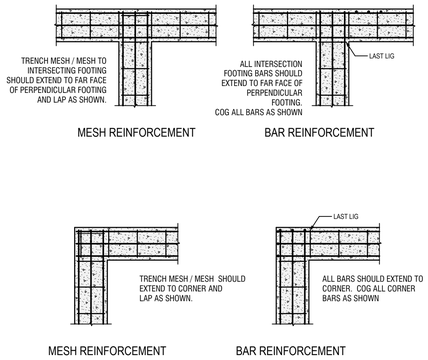
hive engineering 3D TYPICAL ISOLATED PAD FOOTING
3d PERSPECTIVE



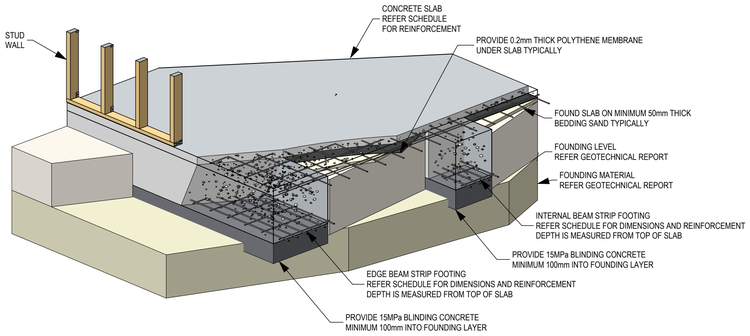
hive engineering 3D ISOLATED STRIP FOOTING
3d PERSPECTIVE



hive engineering 3D TYPICAL SLAB ON GROUND
FOLD DETAILS
3d Perspective



TYPICAL STRIP FOOTING INTERSECTION DETAILS



hive engineering 3D TYPICAL STIFFENED RAFT FLOOR SYSTEM
3d PERSPECTIVE

Hive Engineering Pty Ltd
ABN 14 479 606 024

PO Box 3172
Prahran East, VIC 3181

0432 409 848
www.hiveengineering.com.au

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CLIENT:

PROJECT: Well St Brighton WC Upgrade

PROJECT NUMBER: 19012

Crosier Scott Architects
Incorporating DL Design Group & AC Architects
585 BURWOOD RD. HAWTHORN, VIC 3122 - 03 8862 7900 - INFO@CROSCOTT.COM.AU

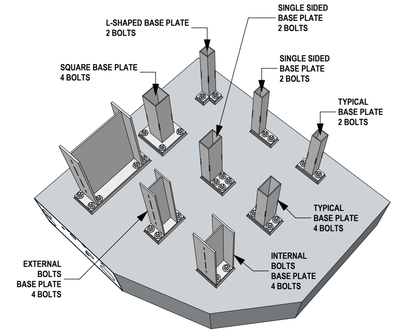
DRAWING TITLE: Typical Details Foundations and Slab

DRAWING NUMBER: S02

STATUS: FOR TENDER NOT FOR CONSTRUCTION

A1

REVISION: T1



BOLTS
USE EITHER:
- 4.6 GRADE HOLD DOWN BOLTS CAST IN TO SLAB
  MINIMUM EMBEDMENT 300mm
- CHEMSET ANCHORS 150mm EMBEDMENT
- TRUBOLT ANCHORS 150mm EMBEDMENT

UNLESS SPECIFICALLY NOTED.

COLUMN SIZE		BOLTS
50 SHS TO 125 SHS		2M20
150 SHS TO 250 SHS		4M20
100x50 RHS / 125x75 RHS		2M20
150x100 RHS / 200x100 RHS		4M20
PFC's		2M20
150 UB / 180 UB		2M20
200 UB AND LARGER		4M20
150 UB TO 360 UB	- PORTAL	4M20
410 UB AND LARGER	- PORTAL	8M24
UB / UC / WC		4M20

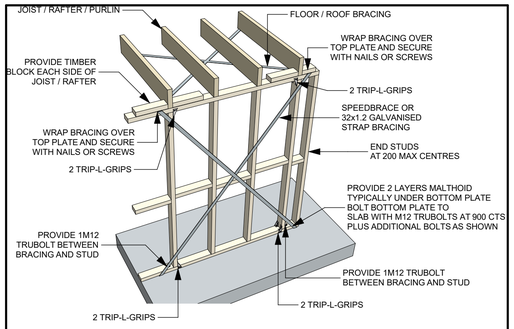
TYPICAL BASE PLATES:
ON 20mm NON SHRINK GROUT BED

SHS / RHS / CHS COLUMNS
10mm THICK BASE PLATE ,6 cfw

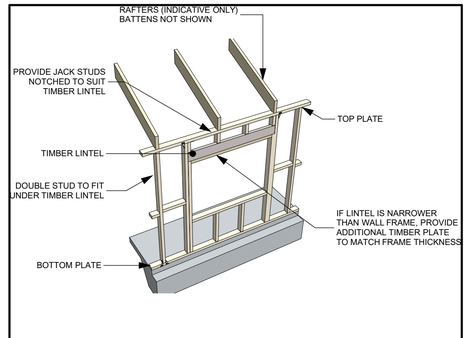
UB / UC / PFC COLUMNS
FOR DEPTH < 250
16mm THICK BASE PLATE, 6 cfw WEB / FSBW* FLANGES
FOR 250 < DEPTH < 400
20mm THICK BASE PLATE , 6 cfw WEB / FSBW* FLANGES
FOR DEPTH > 400
25mm THICK BASE PLATE, 6 cfw WEB / FSBW* FLANGES

* FLANGES ONLY NEED TO BE FULL STRENGTH WELDED FOR PORTAL FRAME CONNECTIONS

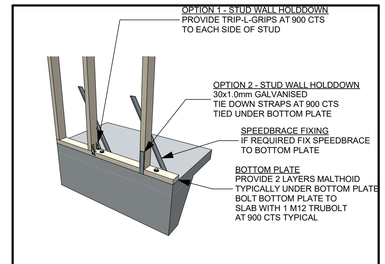
COLUMN BASE PLATES
3d Perspective



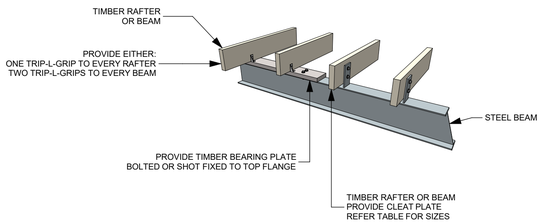
TYPICAL STUD WALL BRACING
3d PERSPECTIVE



TYPICAL WINDOW / DOOR DETAIL
3d PERSPECTIVE



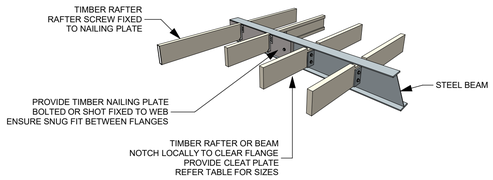
TYPICAL STUD WALL TO SLAB
3d PERSPECTIVE



CLEAT PLATE SIZES

DEPTH	CLEAT SIZE	BOLTS
DEPTH < 120mm	150 WIDE x 8 THICK PLATE	2M12 4.6/S COACHBOLTS
120mm≤DEPTH<200mm	90 WIDE x 8 THICK PLATE	2M12 4.6/S COACHBOLTS
240mm≤DEPTH<300mm	90 WIDE x 8 THICK PLATE	3M12 4.6/S COACHBOLTS
DEPTH > 300mm	90 WIDE x 8 THICK PLATE	4M12 4.6/S COACHBOLTS

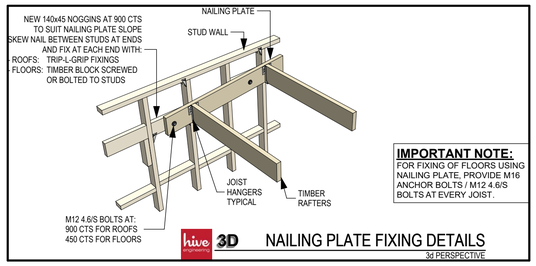
TYPICAL BEAM / JOIST TO STEEL BEAM UNDER
3d PERSPECTIVE



CLEAT PLATE SIZES

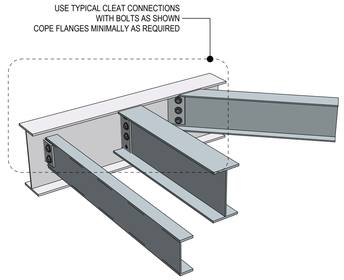
DEPTH	CLEAT SIZE	BOLTS
DEPTH < 120mm	150 WIDE x 8 THICK PLATE	2M12 4.6/S COACHBOLTS
120mm≤DEPTH<200mm	90 WIDE x 8 THICK PLATE	2M12 4.6/S COACHBOLTS
240mm≤DEPTH<300mm	90 WIDE x 8 THICK PLATE	3M12 4.6/S COACHBOLTS
DEPTH > 300mm	90 WIDE x 8 THICK PLATE	4M12 4.6/S COACHBOLTS

TYPICAL BEAM / RAFTER TO STEEL BEAM
3d PERSPECTIVE



IMPORTANT NOTE:
FOR FIXING OF FLOORS USING NAILING PLATE, PROVIDE M16 ANCHOR BOLTS / M12 4.6/S BOLTS AT EVERY JOIST.

NAILING PLATE FIXING DETAILS
3d PERSPECTIVE

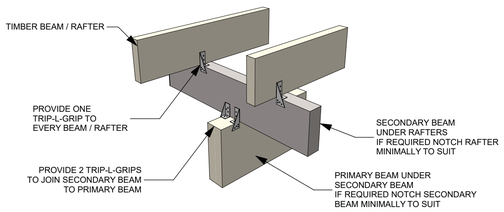


TYPICAL CLEAT PLATE:
10mm THICK CLEAT PLATE WITH 6 cfw, U.N.O.
REFER SCHEDULE FOR NUMBER OF BOLTS

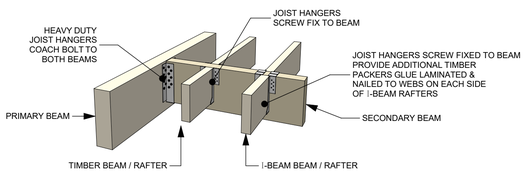
Beam Size	Bolts
150 UC / PFC	2M20 8.8/S *
180 UB / PFC	2M20 8.8/S
200 PFC	2M20 8.8/S
200 UB / 250 UB / 250 PFC	3M20 8.8/S
310 UB / 300 PFC	4M20 8.8/S
410 UB / 380 PFC	5M20 8.8/S
460 UB	6M20 8.8/S
530 UB	7M20 8.8/S
610 UB	8M20 8.8/S
250 UC	4M20 8.8/S *
310 UC	6M20 8.8/S *

*** DENOTES:** USE ELONGATED CLEAT WITH BOLTS IN TWO(2) ROWS

TYPICAL STEEL BEAM CONNECTIONS
3d Perspective



TYPICAL BEAM / RAFTER CONNECTIONS SUPPORTED UNDER
3d PERSPECTIVE

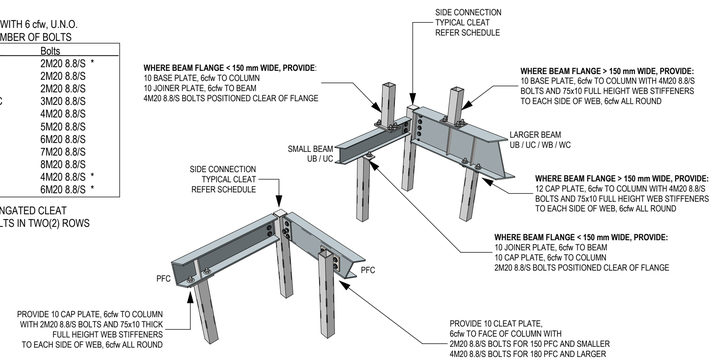


TYPICAL BEAM / RAFTER CONNECTIONS
3d PERSPECTIVE

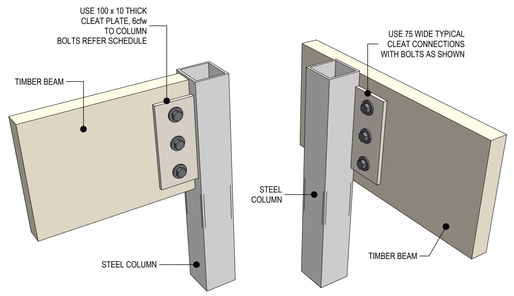
TYPICAL CLEAT PLATE:
10mm THICK CLEAT PLATE WITH 6 cfw, U.N.O.
REFER SCHEDULE FOR NUMBER OF BOLTS

Beam Size	Bolts
150 UC / PFC	2M20 8.8/S *
180 UB / PFC	2M20 8.8/S
200 PFC	2M20 8.8/S
200 UB / 250 UB / 250 PFC	3M20 8.8/S
310 UB / 300 PFC	4M20 8.8/S
410 UB / 380 PFC	5M20 8.8/S
460 UB	6M20 8.8/S
530 UB	7M20 8.8/S
610 UB	8M20 8.8/S
250 UC	4M20 8.8/S *
310 UC	6M20 8.8/S *

*** DENOTES:** USE ELONGATED CLEAT WITH BOLTS IN TWO(2) ROWS



SHS / RHS COLUMN TO BEAM CONNECTION
3d Perspective



END FIXED

NOTES:
PROVIDE 50mm MINIMUM DISTANCE FROM BOLTS TO EDGE OF TIMBER TYPICAL

* USE ELONGATED CLEAT WITH BOLTS IN TWO(2) ROW FOR SMALL MEMBERS

AN ACCEPTABLE ALTERNATIVE IS TO BOLT DIRECTLY THROUGH THE COLUMN WITHOUT A CLEAT PLATE REFER SCHEDULE FOR BOLT NUMBERS

FACE FIXED

Beam Depth	Bolts
< 200mm	2M12 4.6/S *
200 - 300mm	3M12 4.6/S
300mm- 400mm	4M12 4.6/S
> 400mm	5M12 4.6/S

TYPICAL STEEL COLUMN TO TIMBER BEAM
3d PERSPECTIVE

Hive Engineering Pty Ltd
ABN 14 479 606 024

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Prahran East, VIC 3181

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REV:	DATE:	AMENDMENT:
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585 BURWOOD RD. HAWTHORN, VIC 3122 - 03 8862 7900 - INFO@CROSCOTT.COM.AU

CLIENT:	PROJECT: Well St Brighton WC Upgrade	PROJECT NUMBER: 19012
	DRAWING TITLE: Typical Details Framing	DRAWING NUMBER: S03
	STATUS: FOR TENDER / NOT FOR CONSTRUCTION — A1	REVISION: T1

DESIGN LOADING
THIS FLOOR HAS BEEN DESIGNED IN ACCORDANCE WITH AS1170.1 FOR:
LIVE LOADING OF 4 kPa AND
SUPERIMPOSED LOAD OF 1 kPa

THIS SUPERIMPOSED LOAD ALLOWS FOR THE WEIGHT OF PARTITION WALLS, CEILINGS, SERVICES AND FLOOR FINISHES.

TERMITE PROTECTION
TERMITE PROTETION SHALL BE IN ACCORDANCE WITH ARCHITECTURAL DETAILS AND RELEVANT STANDARDS.

MINIMUM CONCRETE STRENGTHS

UNLESS NOTE OTHERWISE PROVIDE:
MINIMUM N32 GRADE (DENSEWEIGHT) FOR ALL BEAMS, SLABS AND HORIZONTAL ELEMENTS
MINIMUM N40 GRADE (DENSEWEIGHT) FOR WALLS, COLUMNS AND VERTICAL ELEMENTS

SLABS ON GROUND
SLAB ON GROUND SHALL HAVE REINFORCEMENT AS FOLLOWS:

THICKNESS	REINFORCEMENT
100 THICK	SL 82 TOP
130 THICK	SL 92 TOP

FOUND SLABS ON 0.2mm THICK POLYTHENE MEMBRANE AND 50mm THICK LAYER OF BEDDING SAND. SOFT SPOTS ARE TO BE DUG OUT AND FILLED WITH COMPACTED SAND.

130 DENOTES CONCRETE THICKNESS

FOOTINGS
REFER SCHEDULE FOR FOOTING SIZES. DEPTH IS MEASURED FROM THE TOP OF THE SLAB. ALL FOOTINGS ARE TO BE FOUNDED IN THE FOUNDING LAYER AS SPECIFIED IN THE GEOTECHNICAL REPORT.
FOUND ON 15MPa BLINDING CONCRETE TO FOUNDING DEPTH SPECIFIED IN GEOTECHNICAL REPORT. ANY SOFT SPOTS AND LOOSE ROCKS ARE TO BE DUG OUT AND FILLED WITH 15MPa BLINDING CONCRETE.
STUMPS SHALL BE CONCRETE IN ACCORDANCE WITH TYPICAL DETAILS.

FOOTING SCHEDULE

MARK	DIMENSIONS	REINFORCEMENT
SF1	300 WIDE x 600 DEEP RAFT RIB	2 x 3L11-TM BOTTOM, 2N16 TOP
SF2	300 WIDE x 600 DEEP RAFT RIB	2 x 3L11-TM BOTTOM, 2N16 TOP
SF3	300 WIDE x 1200 DEEP RAFT RIB	2 x 3L11-TM BOTTOM, 2N16 TOP

DOWEL RAFT RIB SF2 TO EXISTING SLAB WITH N12-300 x 800 LONG DRILL & EPOXY 200mm INTO CONCRETE

DESIGN LOADING
THIS ROOF HAS BEEN DESIGNED IN ACCORDANCE WITH AS1170.1 AND AS1170.2 FOR:
WIND LOADING - TERRAIN CATEGORY 3
LIVE LOADING OF 0.25 kPa AND
SUPERIMPOSED LOAD OF 0.3 kPa

THIS SUPERIMPOSED LOAD ALLOWS FOR THE WEIGHT OF PARTITION WALLS, CEILINGS, SERVICES AND FLOOR FINISHES.

TIMBER STUD WALLS
STUD WALLS SHALL BE FRAMED WITH STUDS AT 450 MAX CENTRES. USE 90x45 MGP10 STUDS U.N.O
PROVIDE TOP PLATE AND BOTTOM PLATE TO MATCH VERTICAL SIZE. FIX BOTTOM PLATE TO SLAB WITH M12 TRUBOLTS AT 1200 MAX CENTRES

WALL BRACING
ALL WALLS SHALL BE BRACED IN ACCORDANCE WITH THE TYPICAL DETAILS.
UNLESS NOTED OTHERWISE, PROVIDE PANEL BRACING FOR WALLS < 2000mm IN LENGTH AND STEEL CROSS BRACING FOR ALL OTHER WALLS.

COLUMN HOLD-DOWN BOLTS
UNLESS SPECIFIALLY NOTED OTHERWISE PROVIDE
MINIMUM 20mm THICK BASE PLATES TO COLUMNS (6cfw).
SEAT ON 20MM NOMINAL THICK NON-SHRINK GROUT BED (70 MPa GROUT). PROVIDE 4M20 4.6 GRADE HOLD DOWN BOLTS TYPICALLY

TERMITE PROTECTION
TERMITE PROTETION SHALL BE IN ACCORDANCE WITH ARCHITECTURAL DETAILS AND RELEVANT STANDARDS.

STEEL CAMBER
ALL STEEL MEMBERS LONGER THAN 6000MM IN LENGTH SHALL BE CAMBERED SPAN / 400
NO STEEL BEAMS SHALL BE ERECTED WITH NEGATIVE CAMBER

ROOF BRACING
ROOF BRACING SHALL BE HUNG FROM PURLINS TO PREVENT SAG

DENOTES PRYDA SPEED BRACING U.N.O

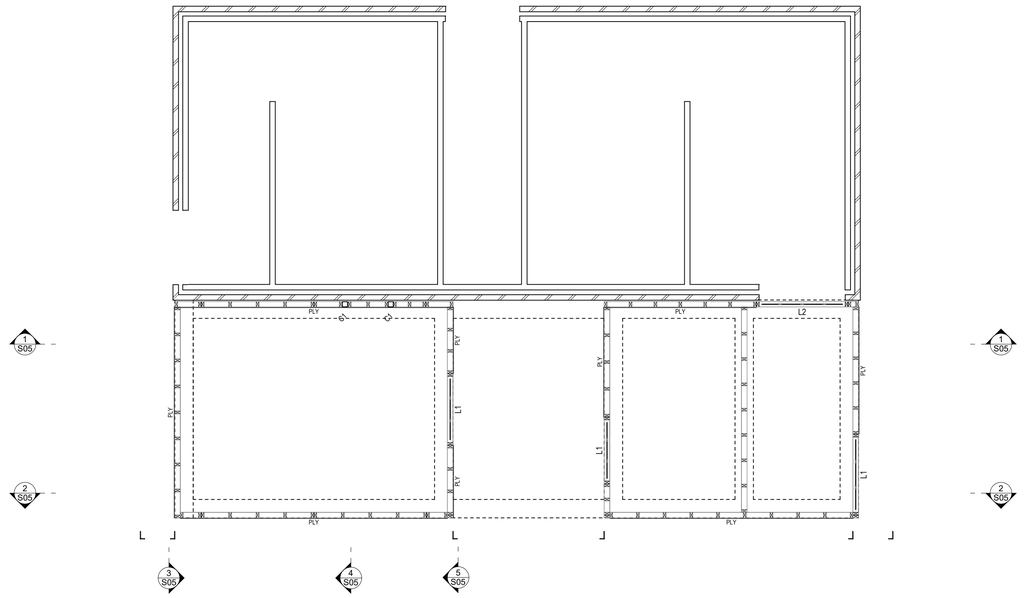
NAILING PLATES
NAILING PLATES HAVE NOT BEEN SHOWN. USE AN APROPRIATELY SIZED TIMBER MEMBER. ALL NAILING PLATES SHALL BE FIXED WITH M10 COACH BOLTS AT EVERY STUD .

FASCIA MEMBERS
FASCIA MEMBERS ARE NOT STRUCTURAL AND HAVE NOT BEEN SHOWN. USE AN APPROPRIATELY SIZED TIMBER MEMBER.

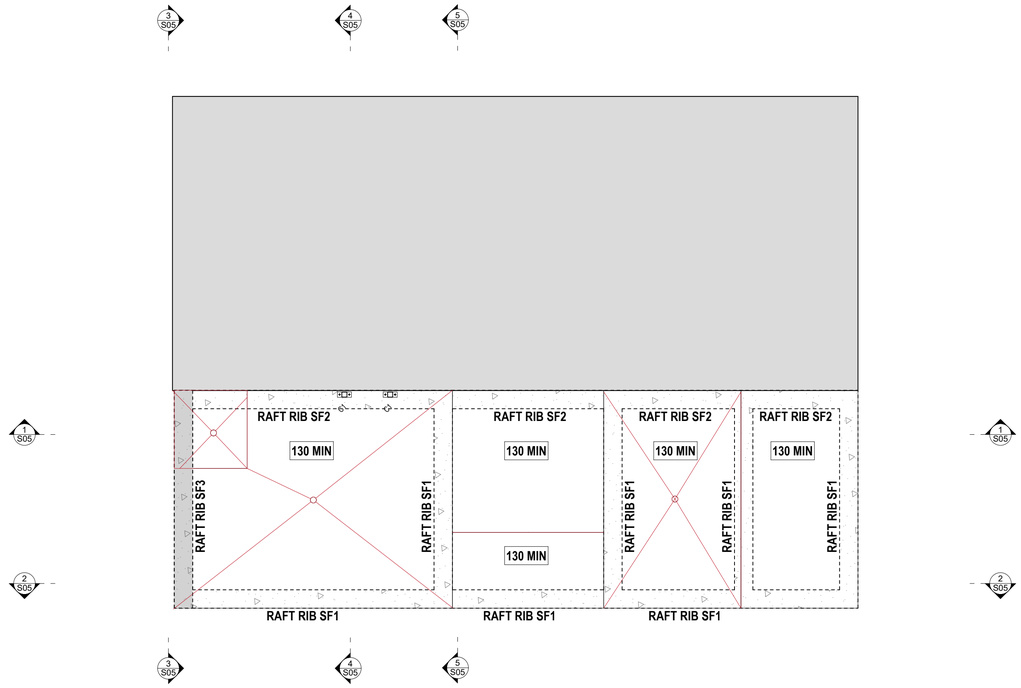
TIMBER BLOCKING AND NOGGINGS
UNLESS NOTED OTHERWISE PROVIDE TIMBER BLOCKINGS / NOGGINGS BETWEEN RAFTERS, PURLINS, JOISTS, ETC AT 1800 MAX CTS.

MEMBER SCHEDULE

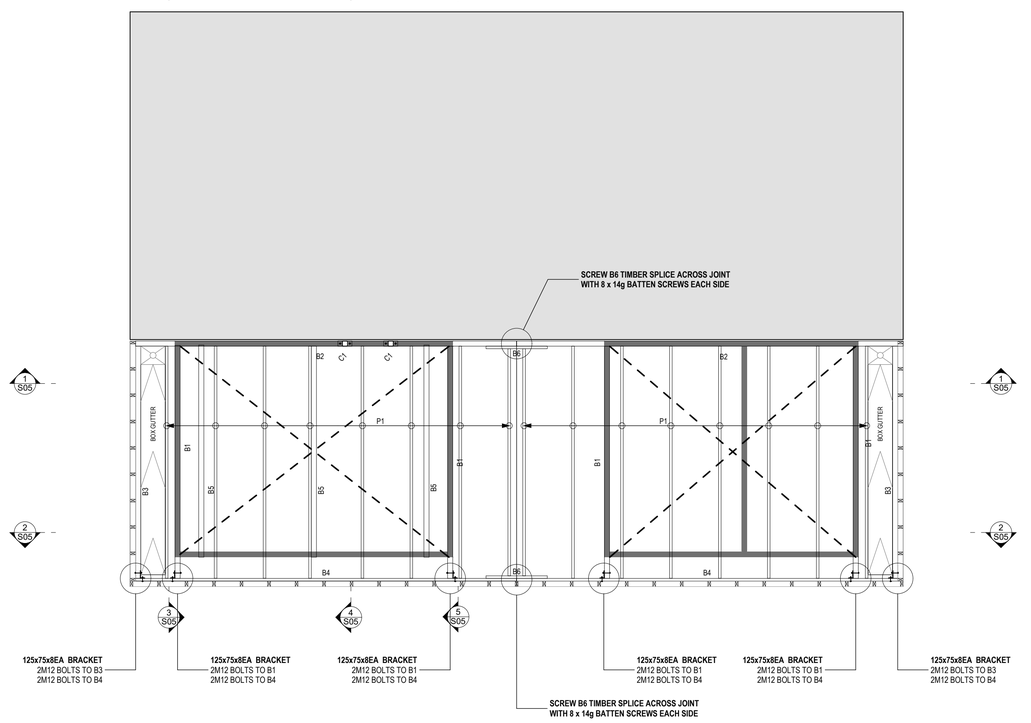
MARK	MEMBER	COMMENTS
C1	89x 89x6 SHS	
P1	140x 42 E14 LVL PURLINS	AT 900MAXIMUM CENTRES
L1	90x45 e14 LVL LINTEL	
B1	190x 84 E14 LVL BEAM	
B2	190x 84 E14 LVL BEAM	
B3	190x 84 E14 LVL BEAM	
B4	190x 42 E14 LVL BEAM	
B5	140x 84 E14 LVL BEAM	
B6	140x 42 E14 LVL BEAM	



Ground Floor Walls 1:50



Ground Floor Slab 1:50



Roof 1:50

Hive Engineering Pty Ltd
ABN 14 479 606 024

PO Box 3172
Prahran East, VIC 3181

0432 409 848
www.hiveengineering.com.au

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REV:	DATE:	AMENDMENT:
T1	20 / 11 / 19	TENDER ISSUE

IMPORTANT NOTE:
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CLIENT:

PROJECT: Well St Brighton WC Upgrade

PROJECT NUMBER: 19012

DRAWING TITLE: Plans Plans

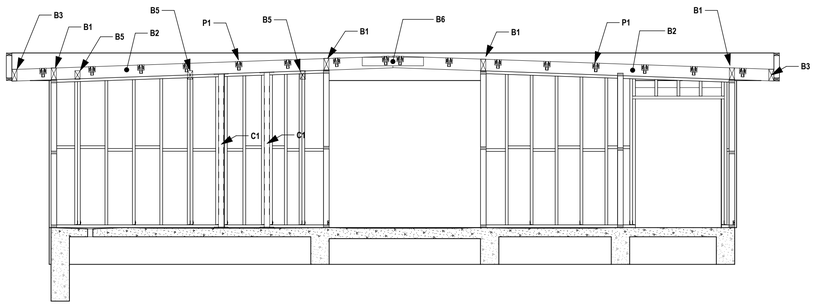
DRAWING NUMBER: S04

STATUS: FOR TENDER NOT FOR CONSTRUCTION

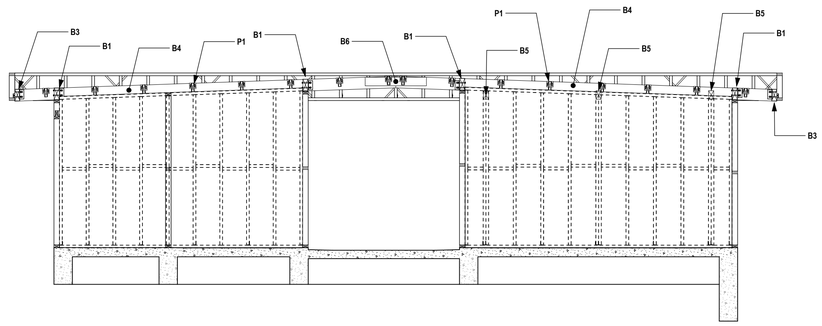
A1

REVISION: T1

Crosier Scott Architects
Incorporating DL Design Group & AC Architects
585 BURWOOD RD. HAWTHORN, VIC 3122 - 03 8862 7900 - INFO@CROSCOTT.COM.AU



1 Section 1 1:50



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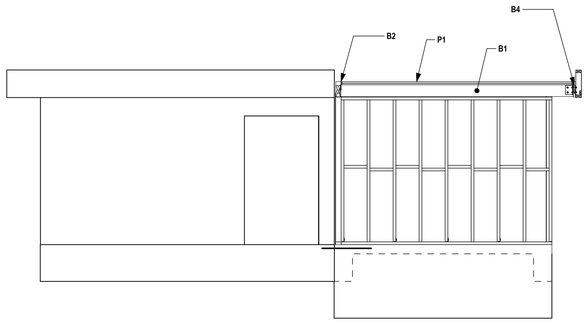

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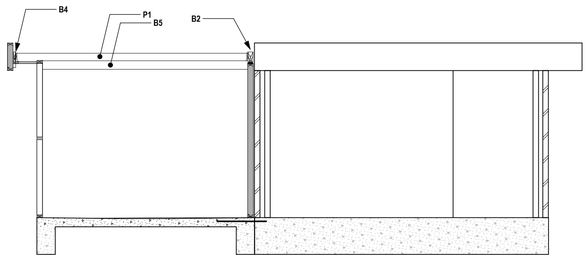

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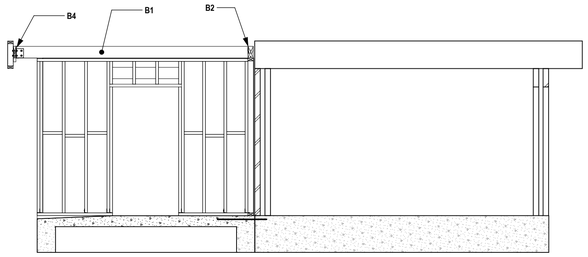

4 Section 5 1:50

Hive Engineering Pty Ltd
ABN 14 479 606 024

PO Box 3172
Prahran East, VIC 3181

0432 409 848
www.hiveengineering.com.au

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REV:	DATE:	AMENDMENT:
T1	20 / 11 / 19	TENDER ISSUE

IMPORTANT NOTE:
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CLIENT:

PROJECT: Well St Brighton WC Upgrade

PROJECT NUMBER: 19012

DRAWING TITLE: Plans Sections

DRAWING NUMBER: S05

STATUS: FOR TENDER NOT FOR CONSTRUCTION

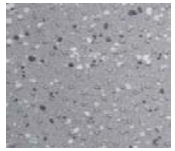
A1

REVISION: T1

Crosier Scott Architects
Incorporating DL Design Group & AC Architects
585 BURWOOD RD. HAWTHORN, VIC 3122 - 03 8862 7900 - INFO@CROSCOTT.COM.AU

This schedule is to be read in conjunction with Architectural Drawings, Specifications and the Furniture Schedule. Please notify Crosier Scott of any discrepancies and allow a minimum of 48 hours for response to these queries. All works are to be completed to comply to Australian Standards.

Please take note of lead-times and allow sufficient time for ordering.

CODE	PRODUCT INFORMATION	IMAGE	LOCATION	COMMENTS	SUPPLIER	REV
	FLOOR VINYL					
FF3.0	Vinyl Sheet Flooring Gerflor Tarasafe Ultra H20 Slip Rating: R11/P3 Colour: 8709 Granite		Vinyl Sheet Flooring to - **Adult Changing Facility**	Installation as per manufacturer's recommendations Refer to drawings for further details and information Refer to Floor Finishes plan for layout/pattern *Note: Junction of varying adjoining finishes to be finished with either aluminium angle or diminishing strip and or feathered where needed* *Floor finishes to sit flush, no tripping hazards.* *Installer to allow for toilet to sit flush to wall.*	Gerflor	
	WALL VINYL					
WV1.0	Wall Vinyl Tarkett Wallguard 1.3 Colour: Blue 21055230		Wall Vinyl to - **Adult Changing Facility**	Installation as per manufacturer's recommendations Refer to drawings for further details and information	**Tarkett**	
WV1.1	Wall Vinyl Tarkett Wallguard 1.3 Colour: White Grey		Wall Vinyl to - **Adult Changing Facility**	Installation as per manufacturer's recommendations Refer to drawings for further details and information	**Tarkett**	
	PAINT					
PT1	DULUX Wash'n'Wear 101- Low VOC Acrylic Paint Finish: Low Sheen *Wet areas and Dis WC to have anti mould paint .*	Whisper White SW1C2	General Wall Colour unless specified otherwise	Application as per manufacturer's recommendations. *Contractor to allow for 1No undercoat and 2No. Top coats*	Dulux Trade Centre	
PT2	DULUX Finish: Low Sheen / Washable *Wet areas to have anti mould paint*	Ceiling white	Ceiling colour to - **Adult Changing Facility**	Application as per manufacturer's recommendations. *Contractor to allow for 1No undercoat and 2No.* *Top coats*	Dulux Trade Centre	

This schedule is to be read in conjunction with Architectural Drawings, Specifications and the Furniture Schedule. Please notify Crosier Scott of any discrepancies and allow a minimum of 48 hours for response to these queries. All works are to be completed to comply to Australian Standards.

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CODE	PRODUCT INFORMATION	IMAGE	LOCATION	COMMENTS	SUPPLIER	REV
	SANITARYWARE					
WC1.0	RBA Group Accessible SS WC Model RBA8851-428 Complete with seat & Dual WC Flush Valve, Main Pressure RBA3001-160 RBA41540-101 Accessible Compliant Backrest Standard SS /White **Install in accordance with AS 1428.1 - 2009**	 	Accessible WC to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information* **Comply to AS1428-1 & AS1428-2**	RBA	
HB1.1	RBA Wall Mounted SS Basin Model RBA8864-100 **AS1428.1-2009 compliant**		Basin to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information* **Comply to AS1428-1 & AS1428-2**	RBA	
TAP1	RBA Water Saving Tap Benefit HD' Self Closing Tap, Lever Model RBA1015-600 **AS1428.1-2009 compliant**		Mixer tap to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information* **Comply to AS1428-1 & AS1428-2**	RBA	
	Shower 'T' Grab Rail W/Handset Slider & Hose RBA4110-927 **AS1428.1-2009 compliant**		Shower Grab Rail & Rose to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information* **Comply to AS1428-1 & AS1428-2**		

This schedule is to be read in conjunction with Architectural Drawings, Specifications and the Furniture Schedule. Please notify Crosier Scott of any discrepancies and allow a minimum of 48 hours for response to these queries. All works are to be completed to comply to Australian Standards.
Please take note of lead-times and allow sufficient time for ordering.

CODE	PRODUCT INFORMATION	IMAGE	LOCATION	COMMENTS	SUPPLIER	REV
	ACCESSORIES					
TRH1	Accessible Toilet Roll Holder Interleaved Toilet Roll Holder Code: B2721 ***or similar approved by client*** **AS1428.1-2009 compliant**	SSS 	Toilet Roll Holder to- **Adult Changing Facility**	Installation as per manufacturer's recommendations Refer to drawings for location quantity and further information **Comply to AS1428-1 & AS1428-2**	RBA Group	
SPD1	Accessible Surface Mounted Soap Dispenser Code: B4112 Size: 180W x 155Hmm Capacity: 1.2Lt ***or similar approved by client*** **AS1428.1-2009 compliant**		Surface Mounted Soap Dispenser to- **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information* **Comply to AS1428-1 & AS1428-2**	RBA Group	
GRB1	Toilet Grab Rails Drop Down Grab Rails w toilet roll holder **AS1428.1-2009 compliant**		Toilet Grab rails to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information*		
MR1	Mirror Frameless SS Mirror 422mmW x 972mmH Code: B1556-DIS **AS1428.1-2009 compliant**		Mirror to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information* **Comply to AS1428-1 & AS1428-2**	RBA Group	
HD1	Hand Dryer Bobrick Elan Hand Dryer SSS 275mm W x 280mm H **AS1428.1-2009 compliant** Code: B715E		Hand Dryer to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information* **Comply to AS1428-1 & AS1428-2**	RBA Group	
NB	Enware Nursing Bench 1800mm Long Adjustable Height with Safety Rail Code : EP-R8538021		Adult Change Table to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information*	Enware	

ADULT CHANGING FACILITY
FINISHES SCHEDULE
PRELIMINARY ISSUE

CODE	PRODUCT INFORMATION	IMAGE	LOCATION	COMMENTS	SUPPLIER	REV
	Metlam Robe SS Hook Concealed Screw Fix 47x47x60mm **AS1428.1-2009 compliant**		Robe Hook to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information* **Comply to AS1428-1 & AS1428-2**	Metlam	
	Ceiling Hoist & Track HLS HealthCare Guldmann GH3 Hand Control Operation (Min load 180kg)		Ceiling Hoist to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information*	HLS Healthcare	
	Changing Places Signage SS RBA4330-028 250mm [W] x 200mm [H] x 1.6mm **AS1428.1-2009 compliant**		Signage to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information*	RBA	
SS	Bobrick Accessible Compliant Folding Shower Seat Code: B819687		Shower Seat to - **Adult Changing Facility**	Installation as per manufacturer's recommendations *Refer to drawings for location quantity and further information* **Comply to AS1428-1 & AS1428-2**	RBA	
	Exhaust Fan Model: TBC		Exhaust Fan to - **Adult Changing Facility**	Installation as per manufacturer's recommendations		
SIG1	Exit Lighting EB LED Edgelight Exit Signs 684422B/684400		Exit Lighting to -	Application as per manufacturer's recommendations To comply with AS2293	Legrand Tel: 1300 369 777	