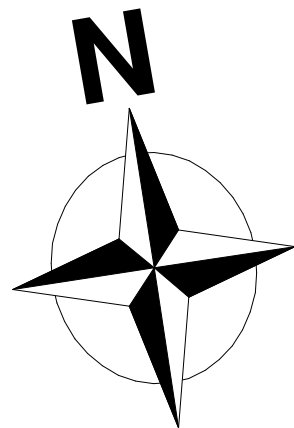


Kimberley Street



Site Classification  
Report By ETS  
No CL09-371-001R  
Class P.

**Beams**  
B1-440x200Reinf. Conc. beam see detail

**Columns**  
C1-200Dia Pvc 2/N16 Corefilled  
C2-150Dia Pvc 1/N16 Corefilled  
C3-89x89x3SHS Dura Gal Column  
C4-90x90 Dar Hwd

Cp- 150x150x10 Galv. Cast in plate 4N12

Priv Scrn- Privacy screen

R1- 100x50 Hwd Rafters

F1.2- 300x300 Masonry pier 1200High  
Aluminum fence.

F1.8- 1800 high colour bond metal  
fence.

Ext1.8- existing 1800 timber paling fence.

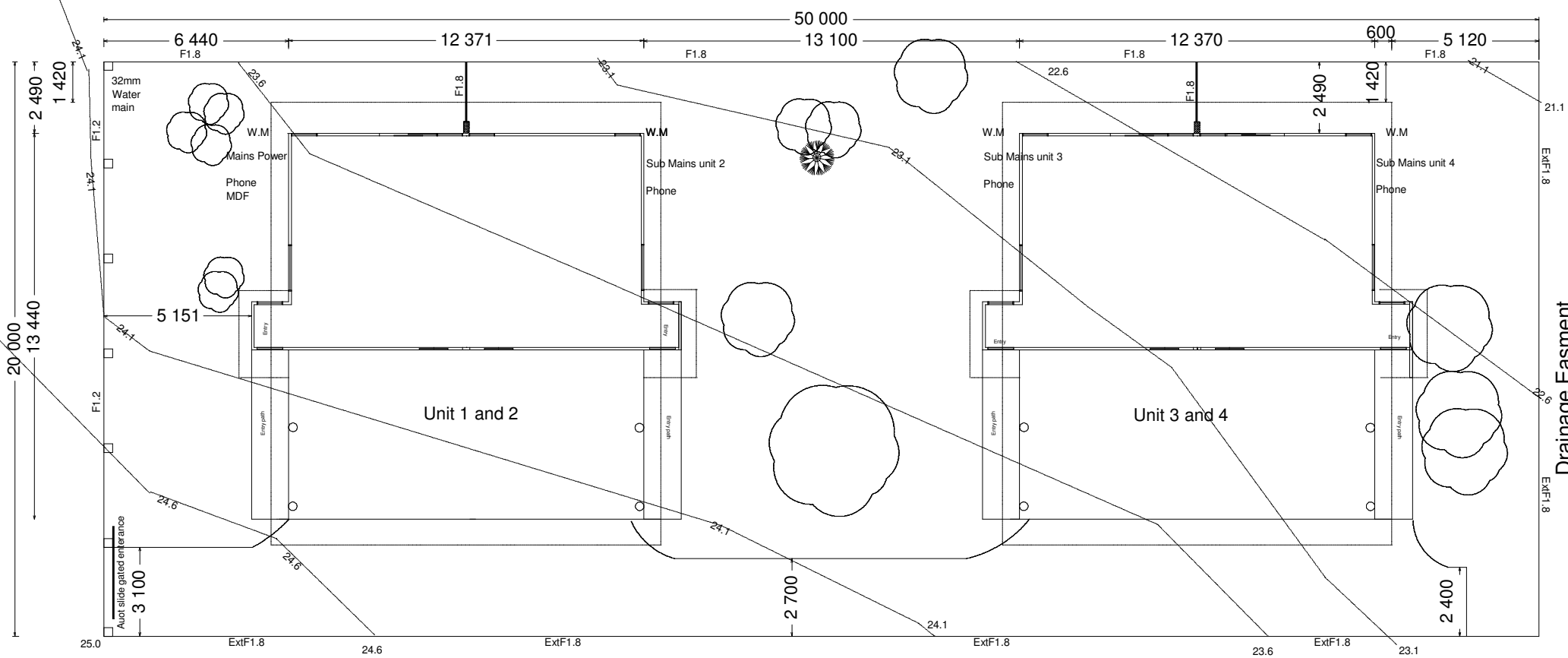
W.M- water meter for each unit. Feed of  
32mm Main

Sheet #  
**1**

Drawn By:  
*MTC Building Services*

Date:  
*06/11/2010*

Scale:  
1:100



Site Plan  
Lot 119 Kimberley Street Cooktown on C17949

**Kimberley Street 4x3 Bed  
Townhouses. Lot 119 On C17949**

**MTC Builder**  
1 Chace Close  
Cooktown  
0438669962

NUMBER	QTY	FLOOR	WIDTH	HEIGHT	COMMENTS
D01	2	1	820	2100	Solicore
D02	2	1	1500	2100	Bifold pairs readicote
D03	2	1	2000	2200	Aluminium slider
D04	4	1	520	2100	Readicote
D05	2	1	770	2100	Readicote
D06	4	1	820	2100	Cavity slider readicote
D07	2	1	900	2100	Solicore entrance

NUMBER	QTY	FLOOR	WIDTH	HEIGHT	COMMENTS
W02	0	0	0000	0000	deleted
W03	6	1	900	2200	Louvered

A/C unit- split system back to back, wall mounted @ 2.0m to bottom .

Posts- 90x90 dar hwd support for L1

G.p- fixed glass panel

S - storage

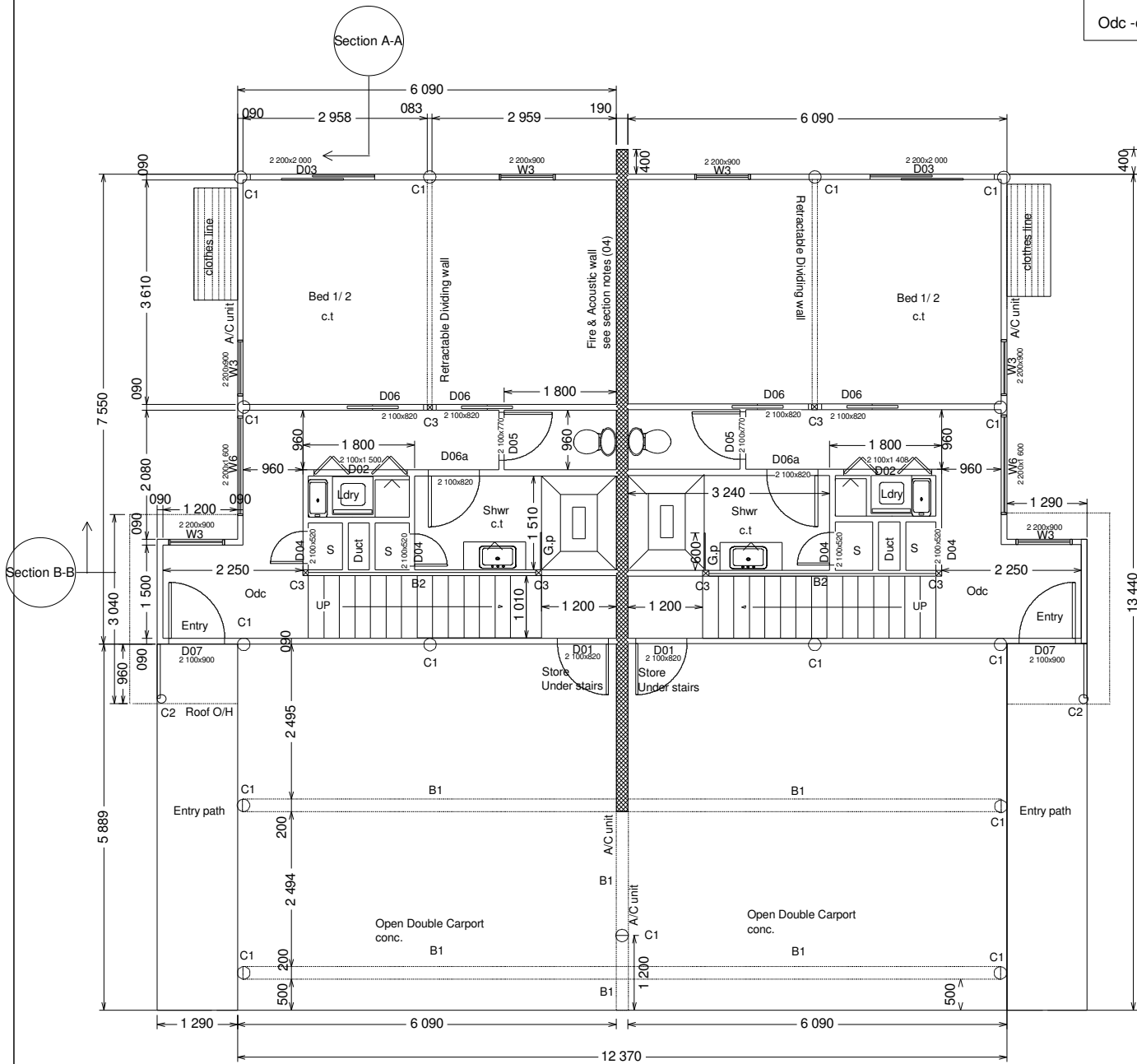
CT - ceramic tiles.

Conc - steel trowled concrete

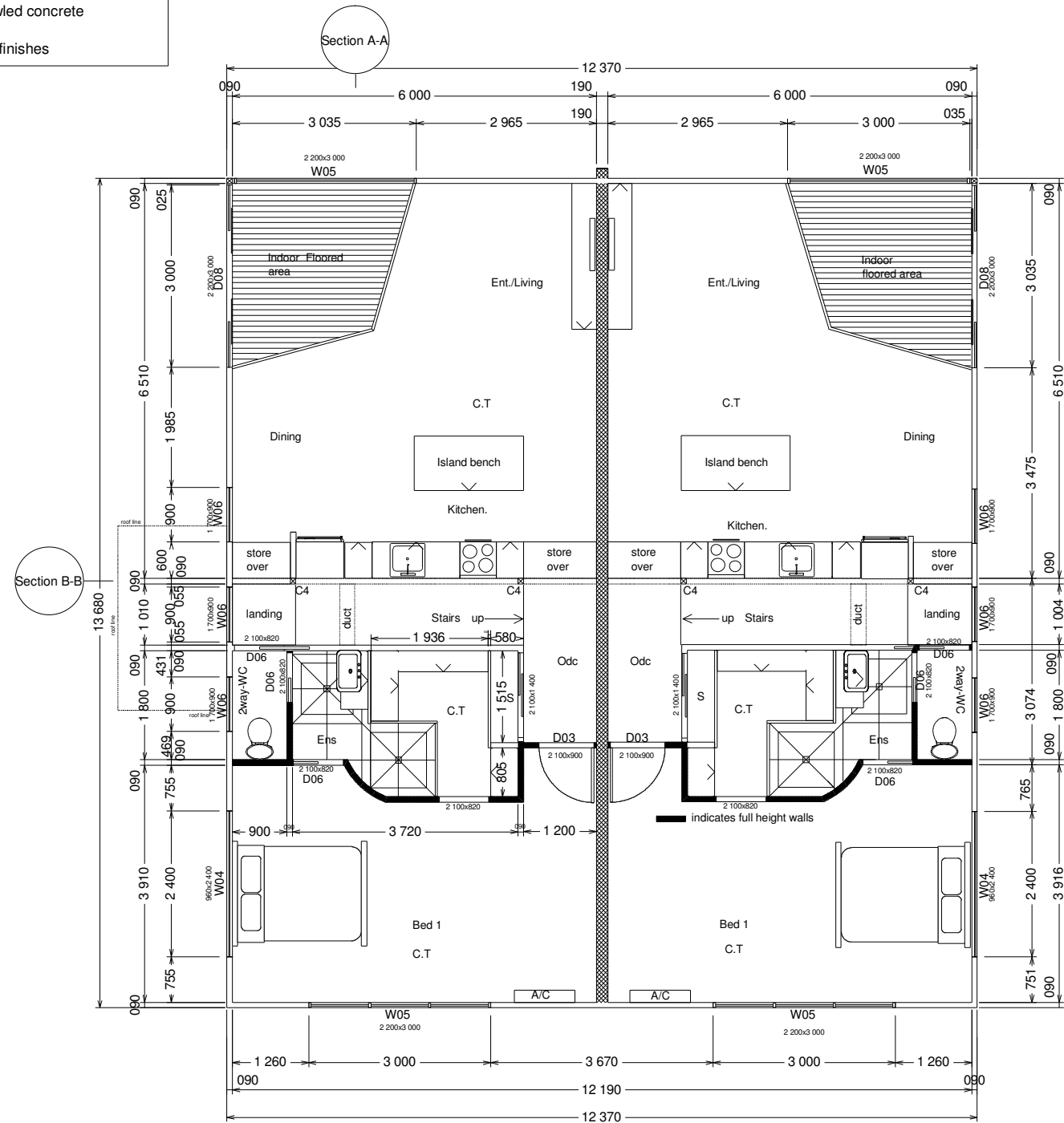
Odc -other floor finishes

NUMBER	QTY	FLOOR	WIDTH	HEIGHT	COMMENTS
D08	2	2	3000	2200	Centre sliding aluminum
D06	4	2	820	2100	Cavity slide readicoat
D03	2	2	900	2100	Blockboard internal

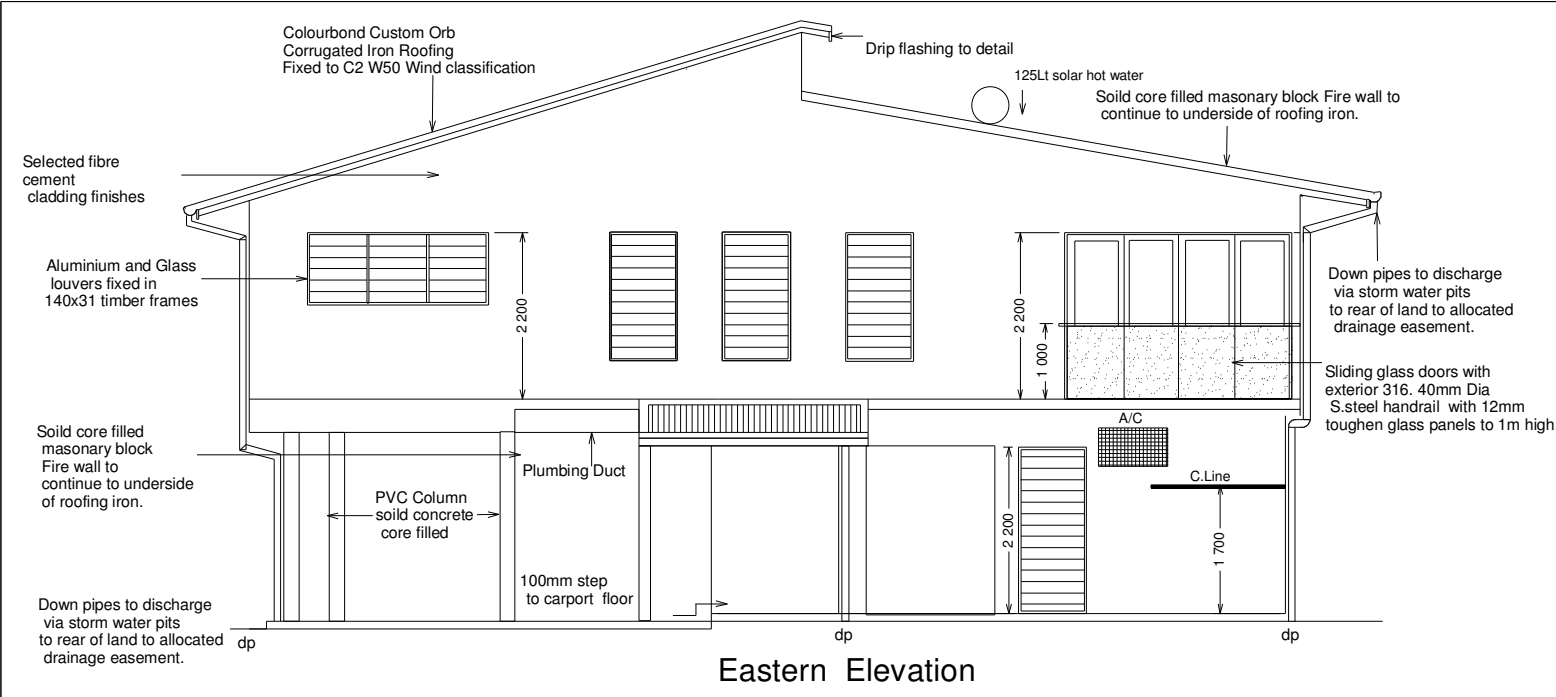
NUMBER	QTY	FLOOR	WIDTH	HEIGHT	COMMENTS
W04	2	2	2400	960	XO Aluminium Sliding
W05	4	2	3000	2200	Louver/ fixed privacy panels
W06	6	2	900	1700	Louvered



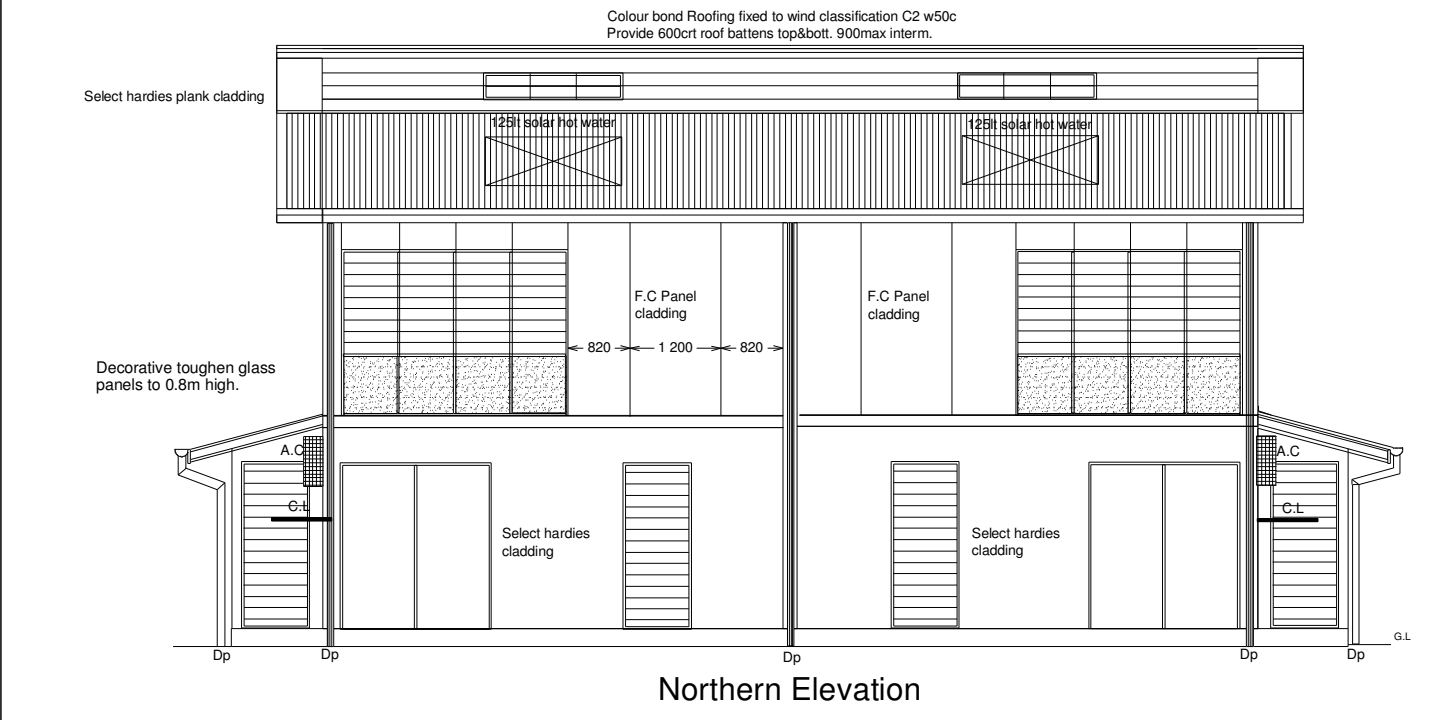
Lower Floor Plan



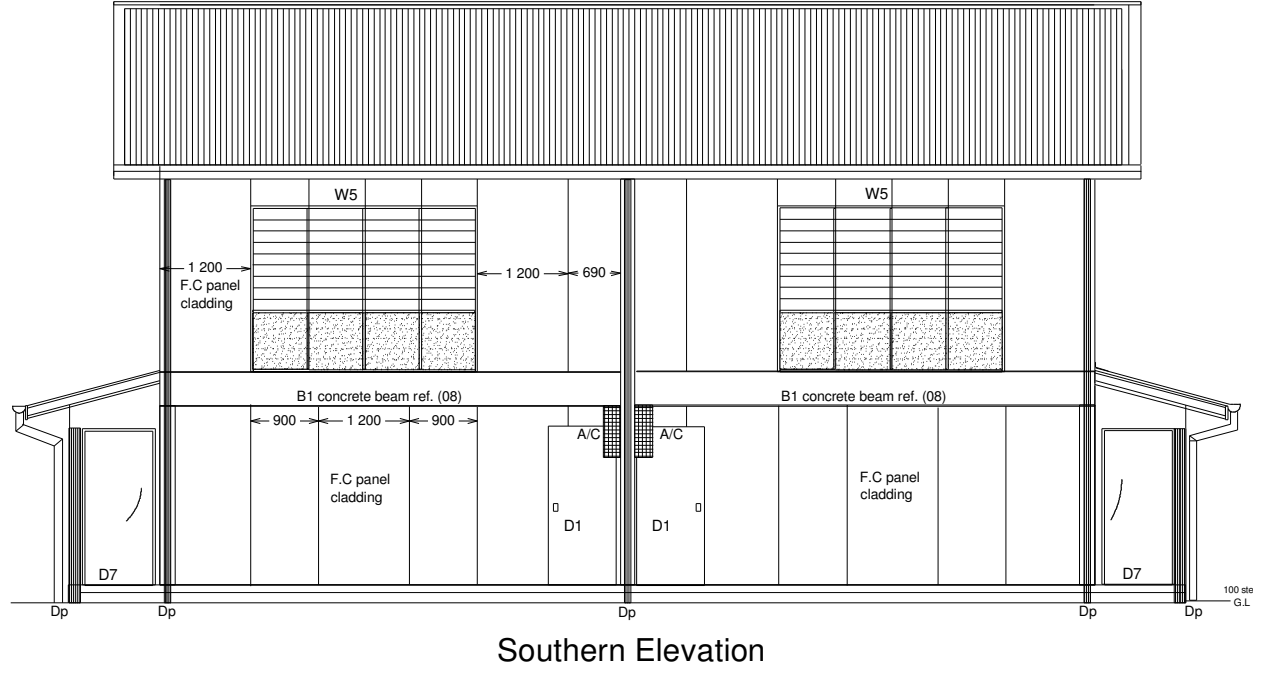
Upper Floor Plan



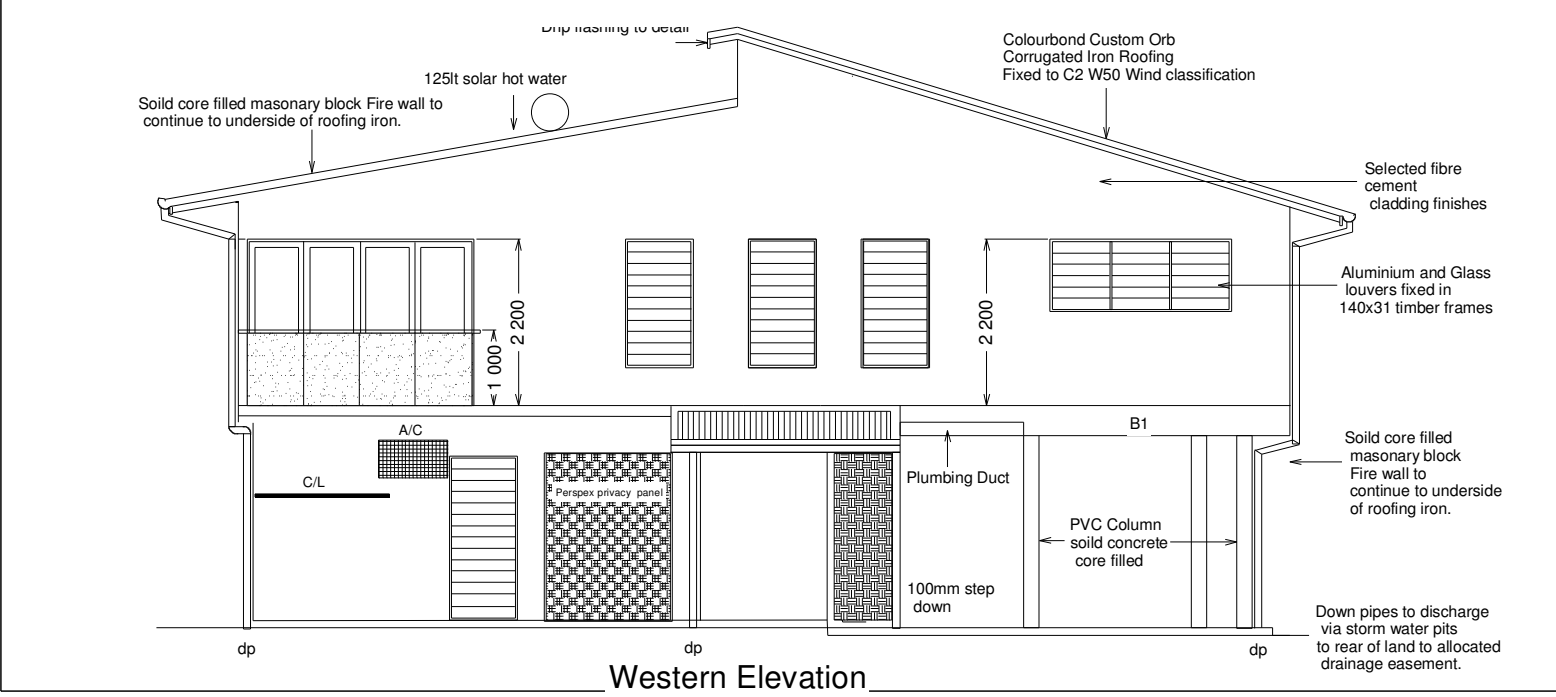
Eastern Elevation



Northern Elevation



Southern Elevation



Western Elevation

Sheet #

3

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Date:

06/11/2010

Scale: 1:100

Kimberley Street 4x3 Bed Townhouses. Lot 119 On C17949

MTC Builder

1 Chace Close  
Cooktown  
0438669962

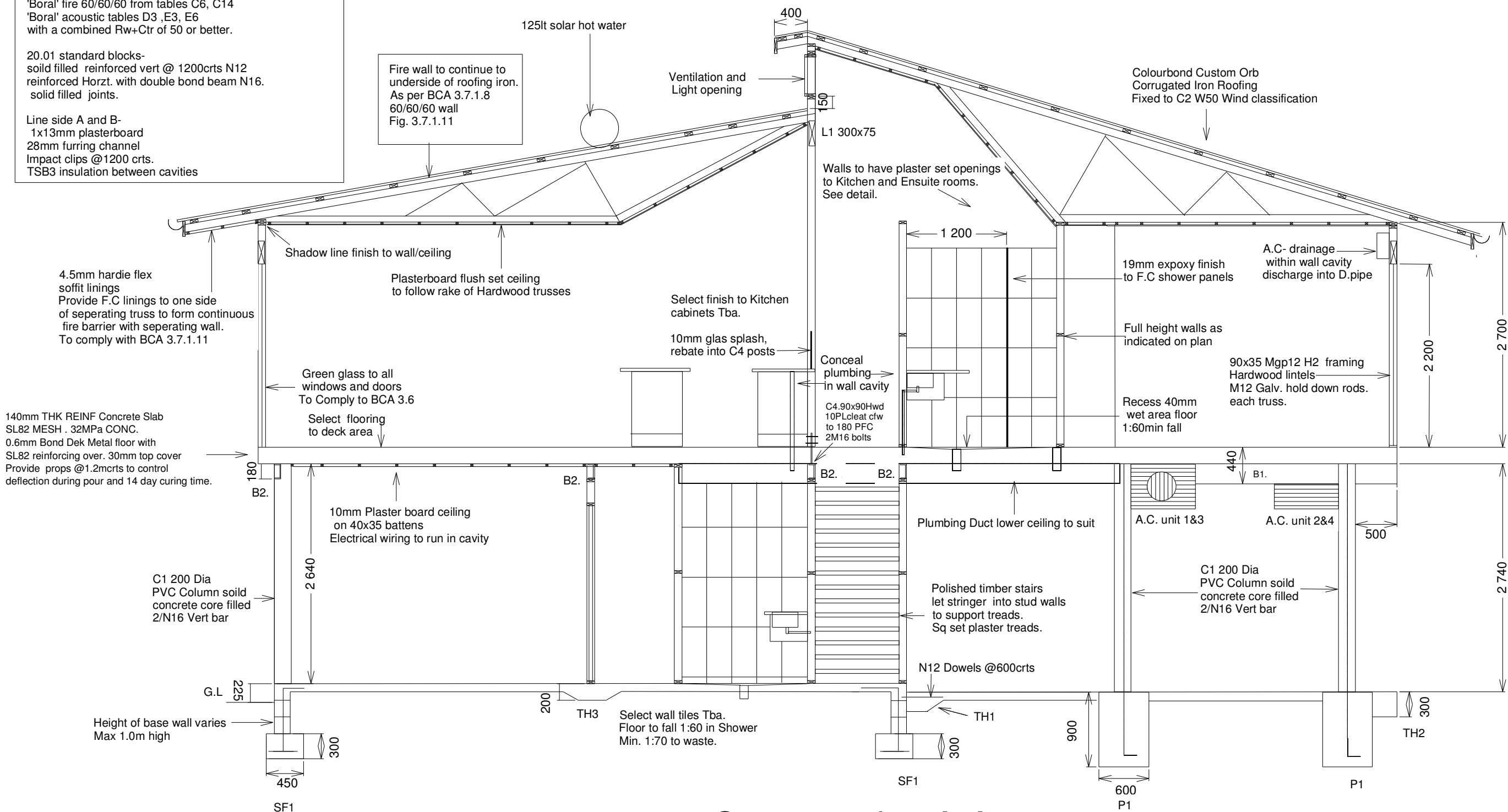
Fire wall to continue to underside of roofing iron.  
As per BCA 3.7.1.8  
60/60/60 wall  
Fig. 3.7.1.11

Install Fire and Acoustic system as per 'Boral specification tables'  
'Boral' fire 60/60/60 from tables C6, C14  
'Boral' acoustic tables D3, E3, E6  
with a combined Rw+Ctr of 50 or better.

20.01 standard blocks-  
solid filled reinforced vert @ 1200crts N12  
reinforced Horzt. with double bond beam N16.  
solid filled joints.

Line side A and B-  
1x13mm plasterboard  
28mm furring channel  
Impact clips @1200 crts.  
TSB3 insulation between cavities

Fire wall to continue to underside of roofing iron.  
As per BCA 3.7.1.8  
60/60/60 wall  
Fig. 3.7.1.11



Cross section A-A

Sheet #

4

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MTC Building Services

Date:

06/11/2010

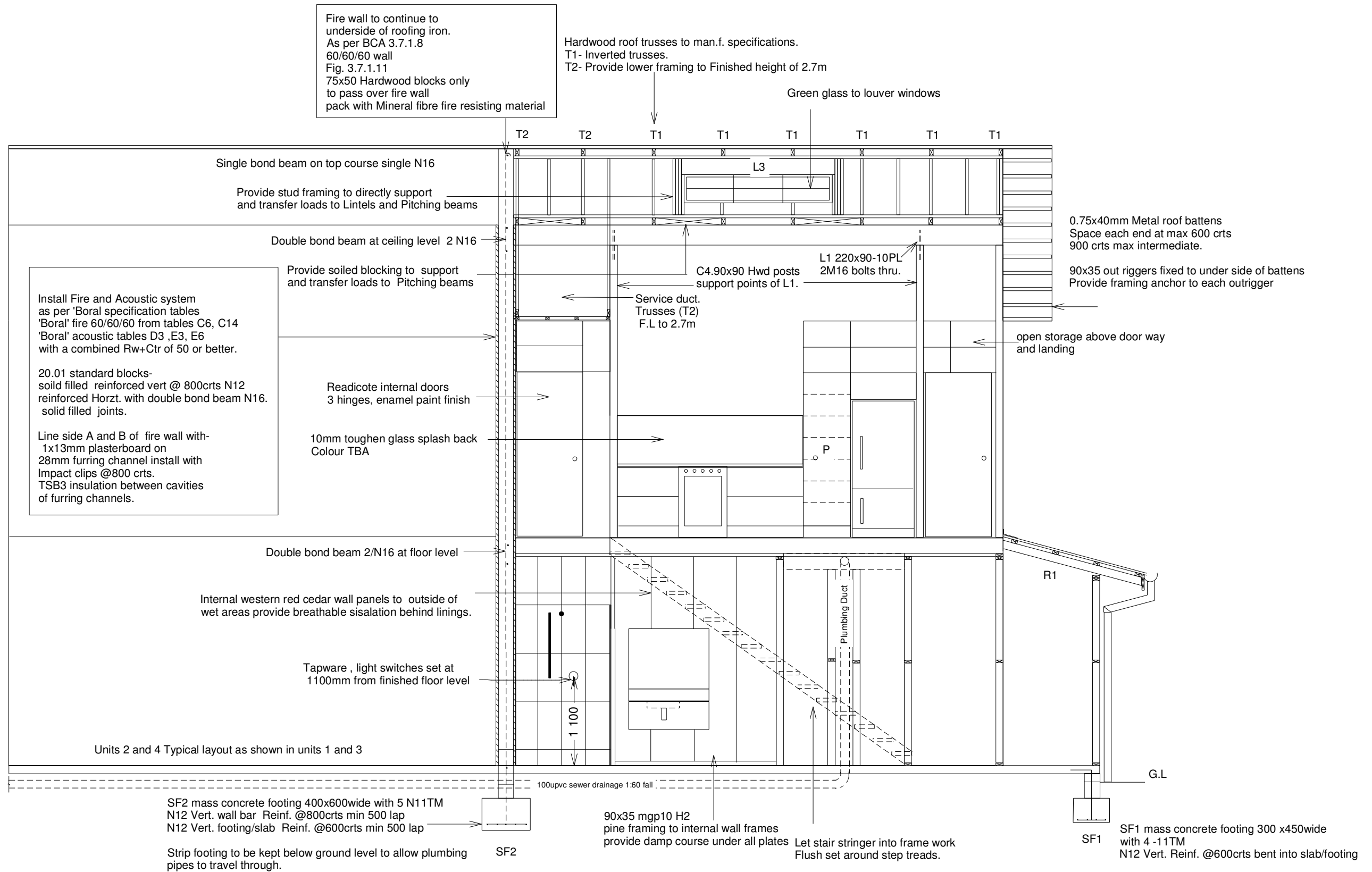
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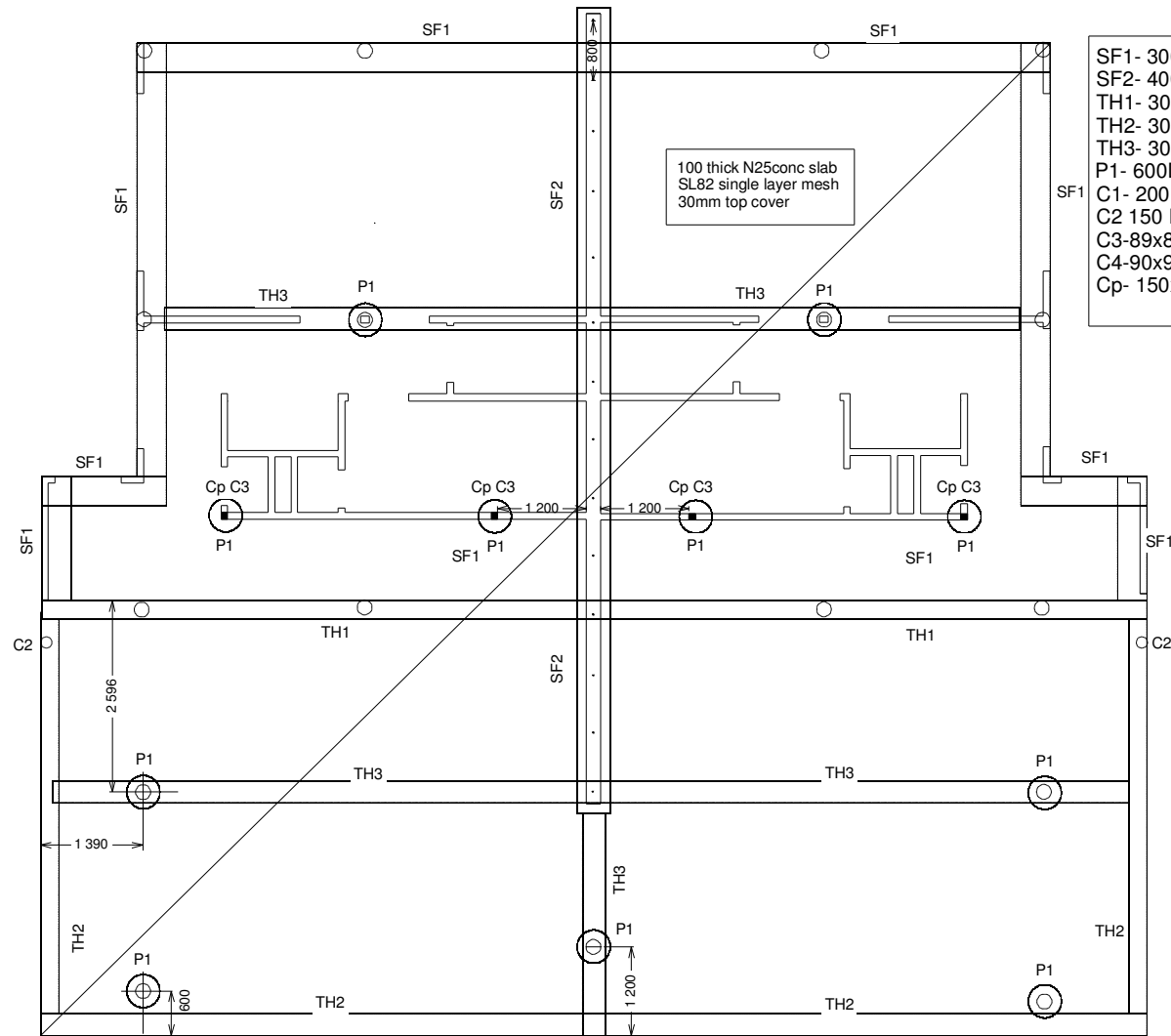
Kimberley Street 4x3 Bed  
Townhouses. Lot 119 On C17949

MTC Builder

1 Chace Close  
Cooktown  
0438669962



Cross Section B-B



Ground Level Footing Plan

SF1- 300 deepx 450 wide 4-11TM  
 SF2- 400 deepx600 wide 5-11TM  
 TH1- 300 deepx300 wide N12 dowels @600max crts  
 TH2- 300 deepx 300 wide 3-11TM  
 TH3- 300 deepx 300 wide 3-11TM  
 P1- 600Diax 900 deep mass conc. footing  
 C1- 200 Dia PVC refin. column double N16 vert.  
 C2 150 Dia PVC refin. column single N16 vert.  
 C3-89x89x3shs Dura Gal col.  
 C4-90x90 Dar Hwd post  
 Cp- 150x150 cast in Galv.plate 4 legs.

FOOTING AND SLAB NOTES

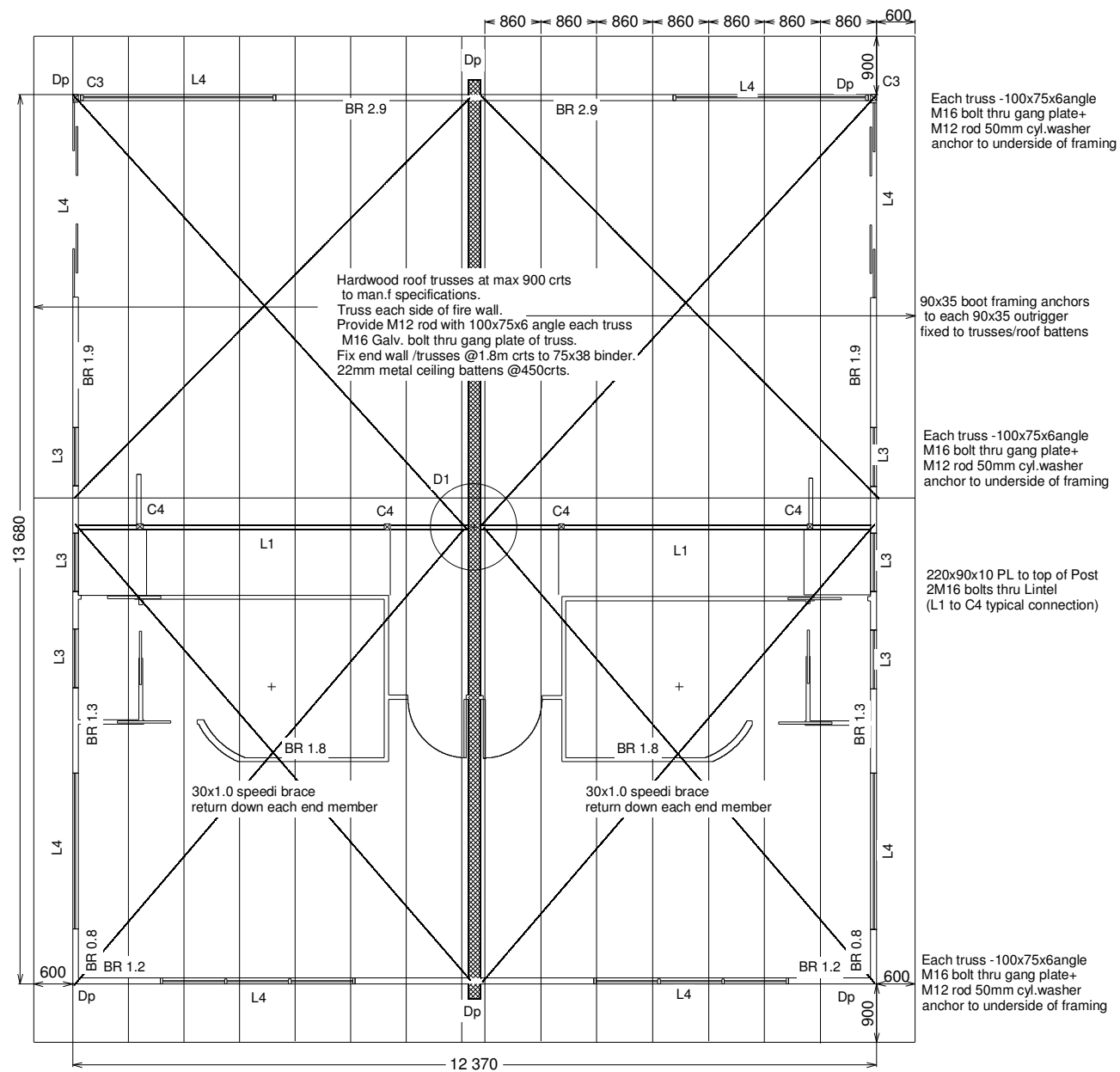
\* FOOTINGS HAVE BEING DESIGNED FOR A MINIMUM BEARING PRESSURE OF 200 kPa & CLASS 'P' SITE CLASSIFICATION ACCORDING TO A.S. 2870 BUILDER TO VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION.  
 \* NATURAL FOUNDATIONS TO BE GRUBBED OUT & FREE FROM ORGANIC MATTER & DEBRIS & COMPACTED TO A MIN. 95% SRDD AT -5% TO +2% OF OPTIMUM CONTENT, OR NOT LESS THAN 70% DENSITY INDEX OF COHESIONLESS SOILS. FILL TO SLAB & FOUNDATIONS SHALL BE APPROVED NON- PLASTIC MATERIAL, COMPACTED IN MAX 150mm LAYERS TO 95% SRDD AT-5%TO +2% OF OPTIMUM MOISTURE CONTENT OR NOT LESS THAN 70 % DENSITY INDEX FOR COHESIONLESS SOILS.

\* FOOTING TRENCHES SHALL BE CLEAN & DRY AT THE TIME OF CASTING WITH ANY SOFTENED MATERIAL REMOVED . BASE OF FOOTINGS TO BE FOUNDED ON FIRM NATURAL GROUND WITH MINIMUM SAFE BEARING PRESSURE OF 100kPa  
 \* REMOVE GRASS AND TOP SOIL CONTAINING ROOTS FROM SLAB SITE.  
 \* PROVIDE COMPACTED SAND BEDDING UNDER SLAB.  
 \* PROVIDE 0.2mm POLYTHENE MOISTURE BARRIER UNDER SLAB & FOOTINGS.  
 \* CONCRETE TO SLAB & FOOTINGS TO BE MIN N20 , 80mm SLUMP, 20mm AGGREGATE.  
 \* VIBRATE ALL CONCRETE, CURE FOR 7 DAYS MINIMUM.  
 \* CONCRETE COVER TO BE MAINTAINED BY THE USE OF APPROVED CHAIRS SPACED AT APPROX. 750mm CRS. CONDUITS & PIPES NOT TO BE PLACED WITHIN COVER CONCRETE.  
 \* LAPS SHALL BE :- N12-450mm N16-600mm, FABRIC-ONE COMPLETE MESH OVERLAP BETWEEN SHEETS.  
 \* CAST IN ITEMS SHALL BE HOT DIPPED GALVANISED.  
 \* FOOTINGS SHALL NOT BE LOCATED CLOSER TO THE NEAREST EDGE OF A STORMWATER/SEWER TRENCH THAN THE DEPTH OF THE TRENCH.  
 \* SITE AREA TO BE GRADED TO READILY REMOVE SURFACE WATER & PREVENT PONDING.  
 \* EXECUTION & CONTROL TESTING OF EARTHWORKS & ASSOCIATED SITE PREPARATION WORKS SHALL COMPLY WITH A.S. 3798

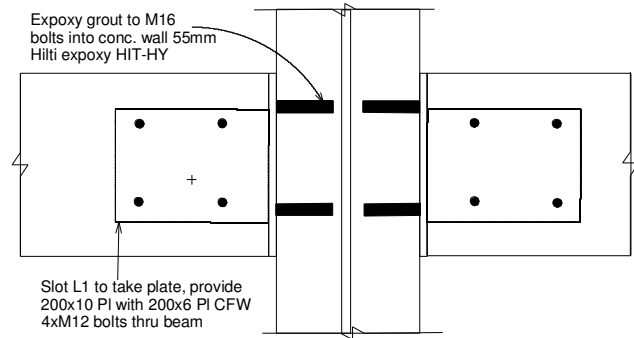
STEEL WORK

\* ALL STEEL WORK SHALL BE IN ACCORDANCE WITH A.S. 4100 STEEL STRUCTURES CODE  
 STEEL SHALL BE :-  
 \* AS 3679 & 3678 GENERALLY  
 \* AS 1163 GRADE FOR HOLLOW SECTIONS  
 \* BOLTS SHALL BE COMMERCIAL GRADE 4.6/S SNUG TIGHTENED  
 \* BOLTS SHALL BE GALVANIZED & OF SUFFICIENT LENGTH TO EXCLUDE THE THREAD FROM THE SHEAR PLANE  
 \* A SUITABLE WASHER SHALL BE USED UNDER ALL NUTS UNLESS OTHERWISE SPECIFIED THE FOLLOWING SHALL APPLY  
 \* WELDING 6mm CONTINUOUS FILLET WELD TO FULL PERIMETER AT CONTACT  
 \* CLEATS, BRACKETS, STIFFENERS EX. 10mm PLATE  
 \* 5PL. END PL. TO ALL HOLLOW SECTIONS.  
 \* BOLT HOLE CLEARANCE 2mm  
 \* HOLD DOWN CLEARANCE 2mm  
 \* PAINTING SHALL CONSIST OF ONE COAT OF APPROVED METAL PRIMER & TWO FINISHING COATS.  
 \* SELECTION OF PAINTING SYSTEM SHALL TAKE INTO ACCOUNT CLOSE PROXIMITY OF SALTWATER ENVIRONMENT  
 \* SITE WELDS TO BE PAINTED OVER WITH 2 COATS OF ZINC RICH PAINT ( COLD GALVIT OR EQUIVALENT)

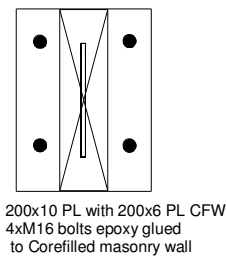
Kimberley Street 4x3 Bed  
 Townhouses. Lot 119 On C17949



Roof Framing and Bracing Plan



D1- Lintel connection to masonry wall scale 1:10



HARDWOOD ROOF TRUSSES TO MANUF. SPEC.  
TO WIND CLASSIFICATION C2  
Colour bond ROOFING FIX TO MANUF. SPEC. FOR WIND CLASSIFICATION C2

40 X 0.75 CYCLONIC ROOF BATTENS.  
PROVIDE 50mm ANTI CON INSULATION BLANKET UNDER ROOFING.  
CYCLONIC 0.75 METAL ROOF BATTENS FIXED AT 600 CRTS TOP AND BOTTOM AND MAX 900 CRTS INTERMEDIATE  
25mm METAL CEILING BATTENS FIX AT 450 CRTS  
10mm PLASTERBOARD CEILINGS  
METAL FASCIA AND GUTTERS  
DOUBLE 40x35 H2 SOFFIT BATTENS

MIN. H2 TREATED MOULDING'S AND FINISHES

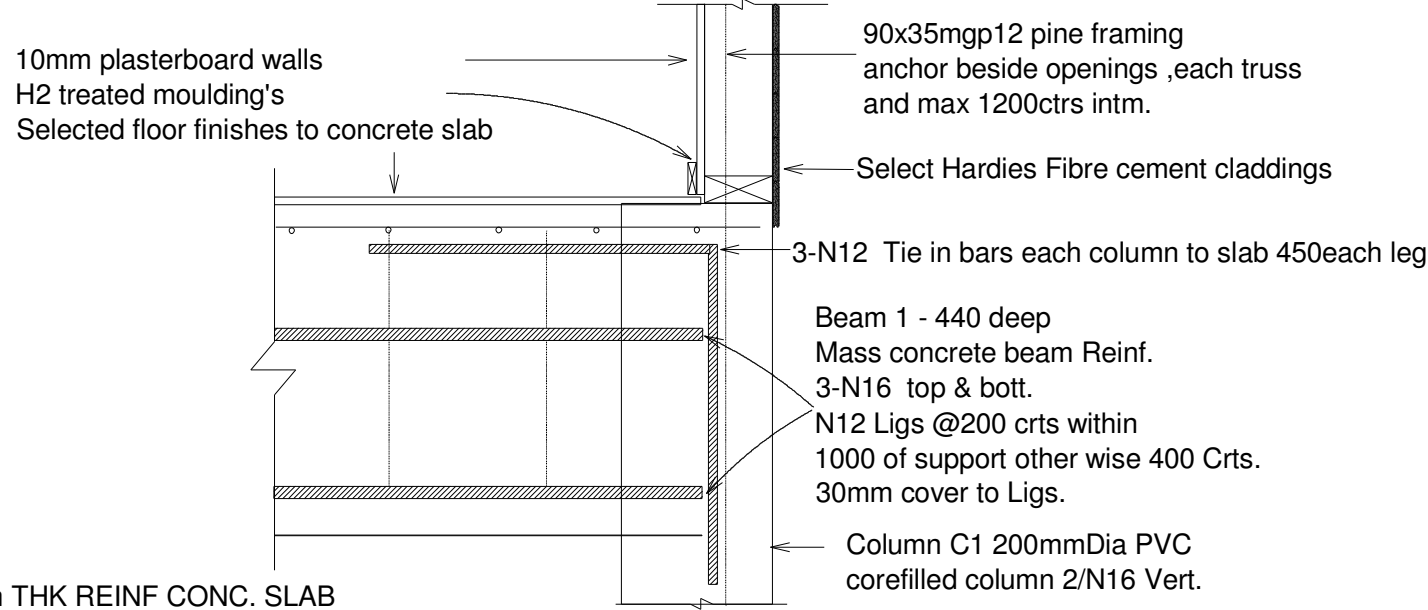
TIMBER FRAMING TO BE IN ACCORDANCE WITH AS 1684.3-1999 UNO

\* FIX FRAMING TO SLAB WITH M 12 BOLTS @900CRS  
INTERNAL TIMBER STUD WALLS  
\* 90x35 MGP10  
\* STUDS @ 450 MAX CRTS  
\* 90x35 TOP & BOTTOM PLATES  
\* NOGGIN @ 1350 MAX CRTS

S.A ( SMOKE ALARM)  
DENOTES IONIZATION ALARMS  
240/9V BACK UP  
LOCATION OF ALARMS IS INDICATIVE ONLY & ARE TO COMPLY WITH RELEVANT BCA PART 3.7.2

BR----- 4mm F27 Structural Ply bracing sheets in accordance with 1864.3 to archive raking resistance of 6.4kn/m

Lintel schedule  
L1-300x75 F14 Hwd or 180 PFC  
L2-not used  
L3-100x75 F14 Hwd  
L4-200x75 F14 hwd



140mm THK REINF CONC. SLAB  
SL82 MESH . 32MPa CONC.  
0.6mm Bond Dek Metal floor with  
SL82 reinforcing over. 30mm top cover  
Provide props @ 1.2m crts to control  
deflection during pour and 14 day curing time.

Reinforced Concrete Beams scale 1:20

Sheet #

7

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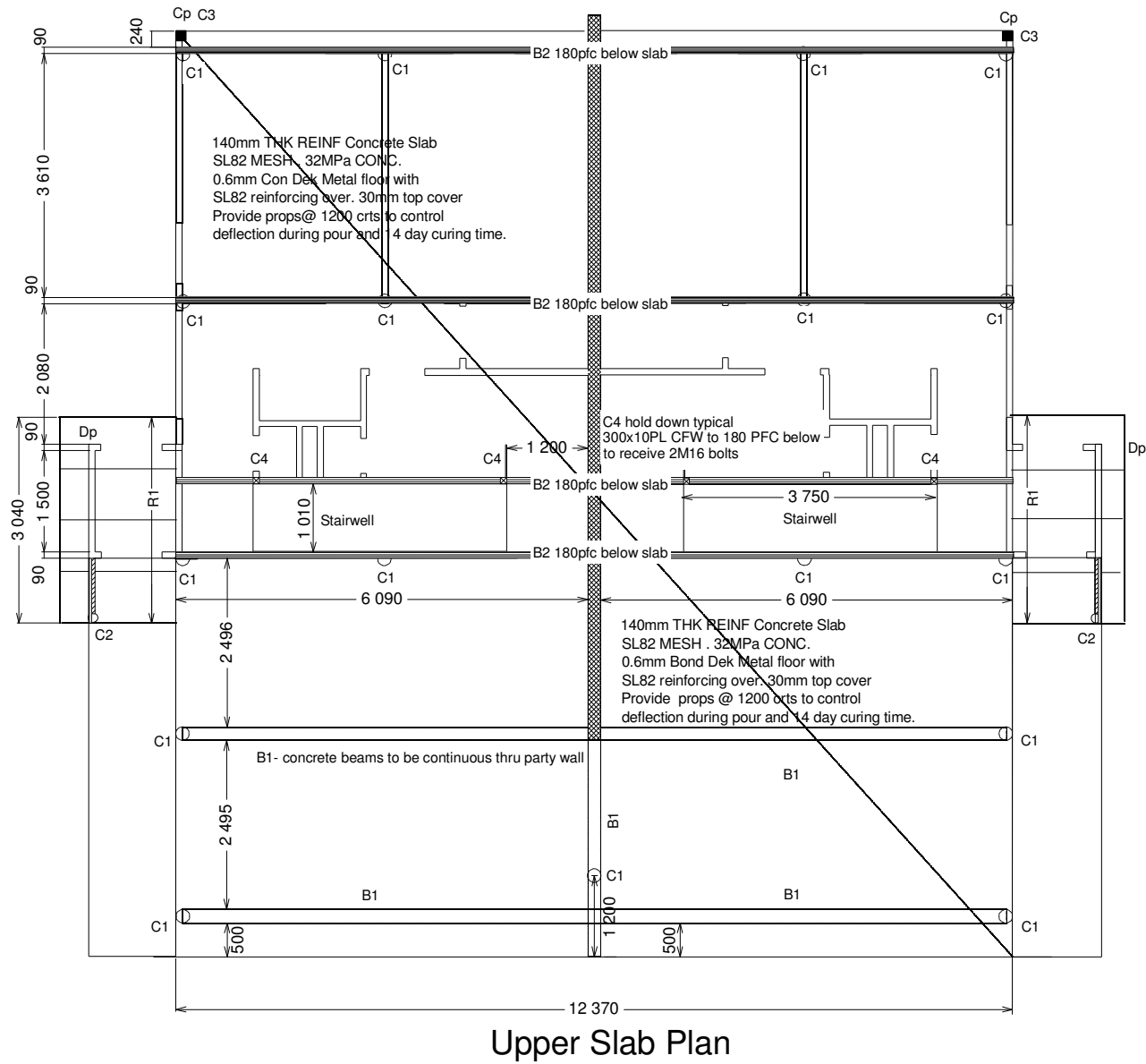
1:100

Kimberley Street 4x3 Bed  
Townhouses. Lot 119 On C17949

MTC Builder

1 Chace Close  
Cooktown  
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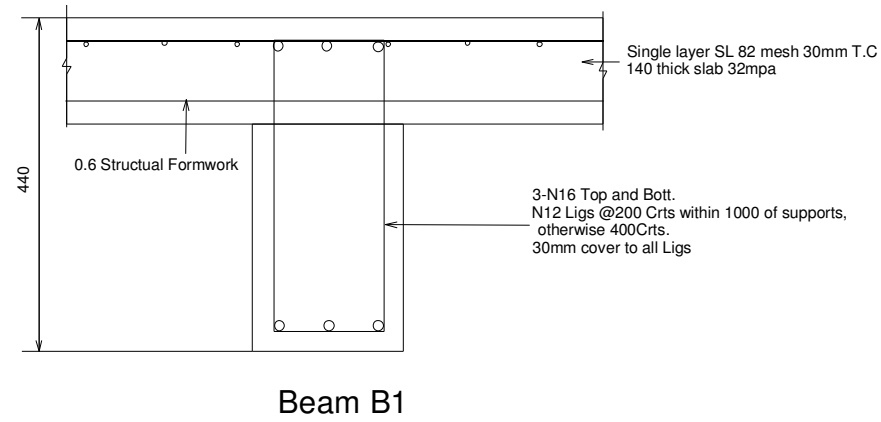
Kimberley Street 4x3 Bed Townhouses. Lot 119 On C17949



Concrete Beams  
B1-440x200 Reinf.conc beam see detail  
B2-180 PFC

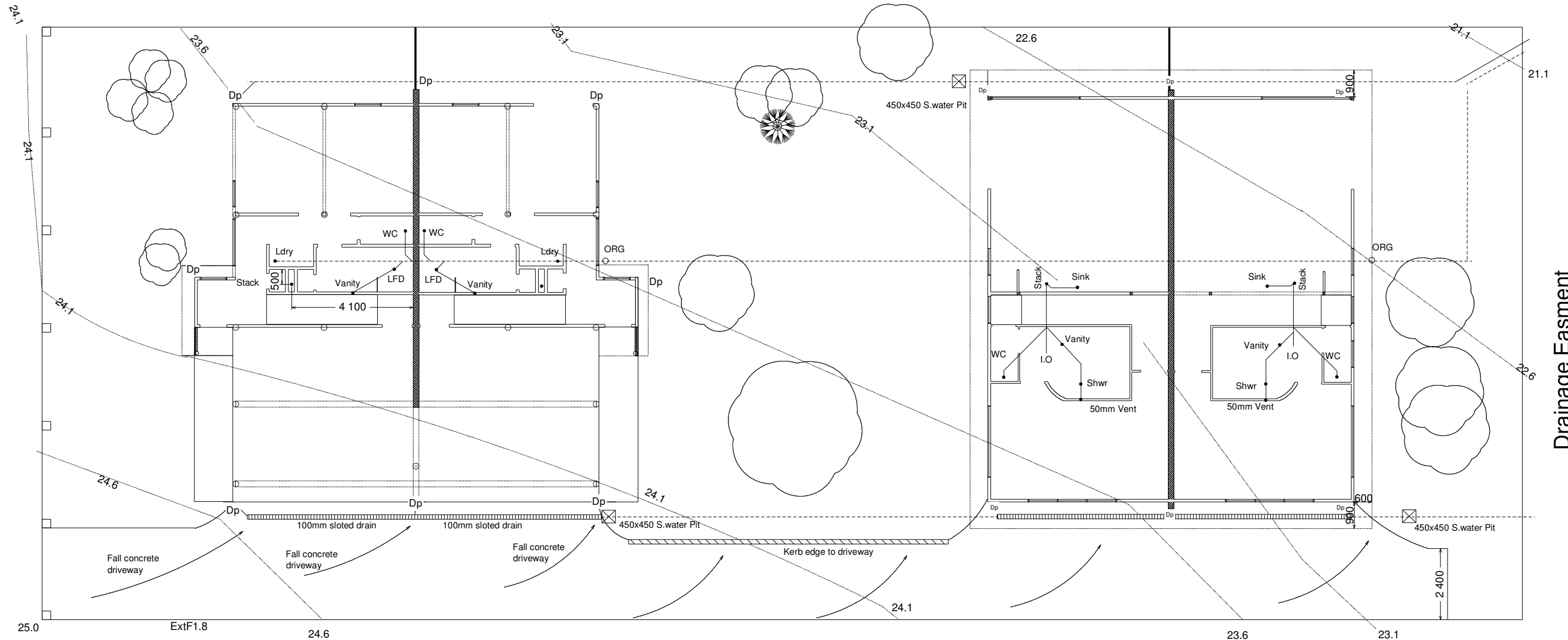
Columns  
C1-200Dia Pvc 2/ N16 Corefilled  
C2-150Dia Pvc 1/N16 Corefilled  
C3-89x89x3SHS Dura Gal Column  
C4-90x90 dar Hwd post  
Cp- 150x150x10 Galv.  
Cast in plate 4N12

Priv Scrn- Privacy screen  
DTP- Double top plate(Load Bearing wall)  
R1- 100x50 Hwd Rrafters





D/P- Drainage pipe storm water  
 Dp - Down pipe  
 S/W - Storm water  
 -S- Sewer 100mm  
 WC- water closet  
 Shwr- shower  
 I.O - inspection opening

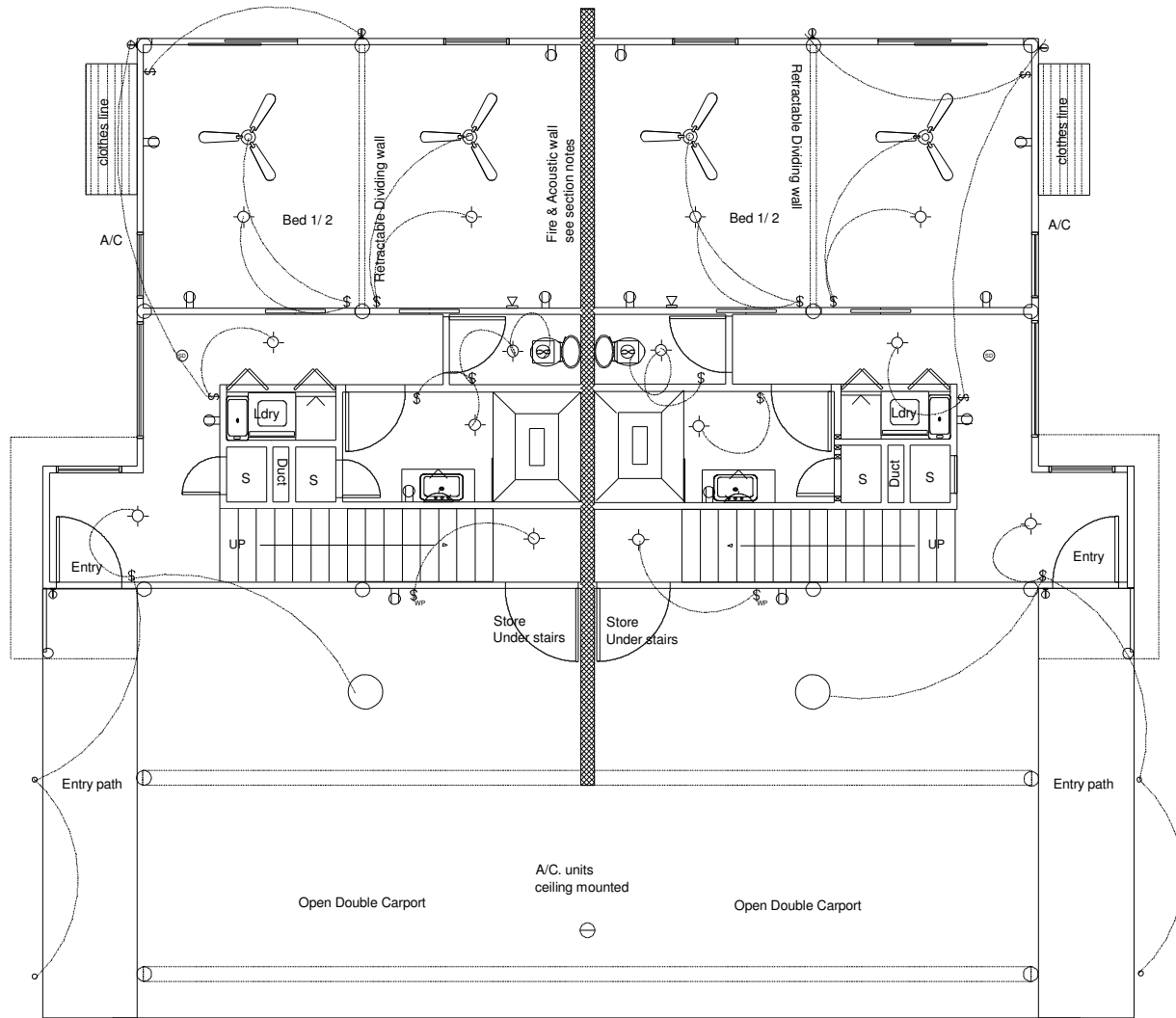


Drainage Easement

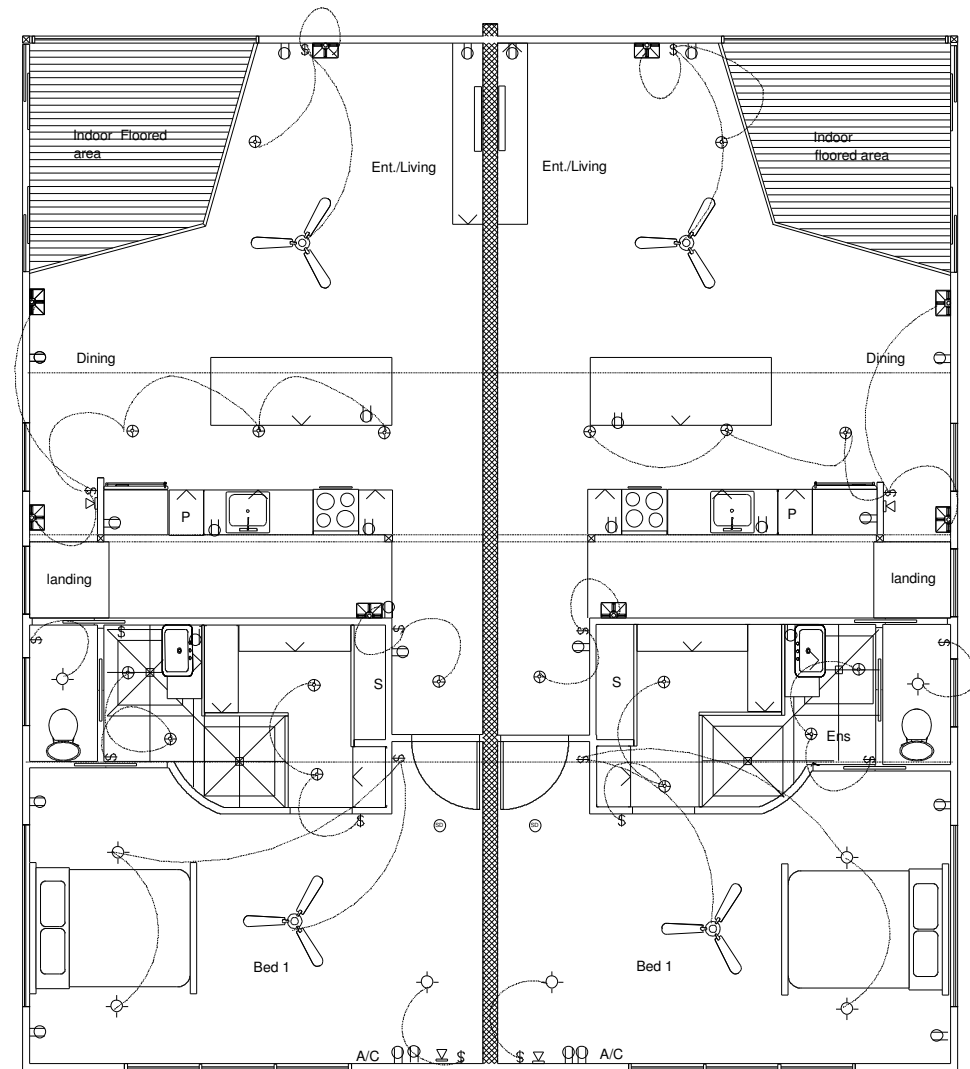
Typical lower plumbing plan

Typical upper plumbing plan

Plumbing Plan  
Scale 1:150



Lower Floor Plan



Electrical Upper Floor Plan

- ⊙ Wall mounted light @2200
- ⊕ Double power point @ 300
- ⊙ Ceiling mounted light
- ⊙ Phone point @ 300
- ⊙ Smoke detector mains supply
- ⊙ 1400 S. steel ceiling fan
- ⊙ 36 watt round fluro
- ⊙ Pathway bollard
- ⊙ Exhaust fan
- ⊙ Wall light @2200
- ⊙ Phone @300
- ⊙ Flush ceiling mount directional light