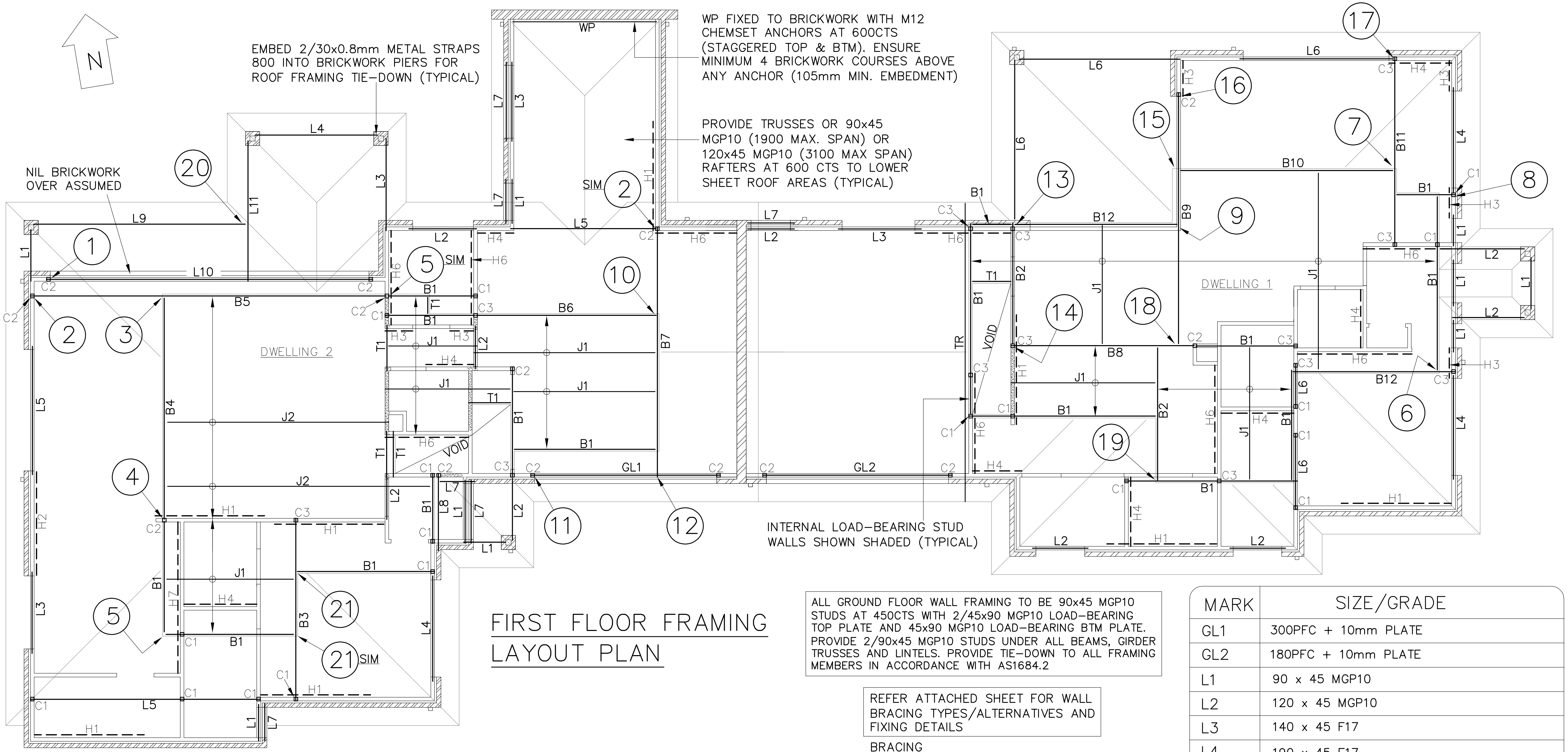

FIRST FLOOR FRAMING LAYOUT PLAN

ALL GROUND FLOOR WALL FRAMING TO BE 90x45 MGP10 STUDS AT 450CTS WITH 2/45x90 MGP10 LOAD–BEARING TOP PLATE AND 45x90 MGP10 LOAD–BEARING BTM PLATE. PROVIDE 2/90x45 MGP10 STUDS UNDER ALL BEAMS, GIRDER TRUSSES AND LINTELS. PROVIDE TIE–DOWN TO ALL FRAMING MEMBERS IN ACCORDANCE WITH AS1684.2

REFER ATTACHED SHEET FOR WALL BRACING TYPES/ALTERNATIVES AND FIXING DETAILS

BRACING
- H1 TYPE 1 BRACING UNIT 2700mm MIN. LENGTH
- H2 TYPE 1 BRACING UNIT 1800mm MIN. LENGTH
- H3 TYPE 3 METHOD B BRACING UNIT 600mm MIN. LENGTH
- H4 TYPE 3 METHOD B BRACING UNIT 900mm MIN. LENGTH
- H5 TYPE 3 METHOD B BRACING UNIT FIXED OVER ENTIRE WALL LENGTH
- H6 TYPE 3 METHOD B BRACING UNIT 2000mm MIN. LENGTH
- H7 TYPE 3 METHOD B BRACING UNIT 3000mm MIN. LENGTH

FRAMING SCHEDULE

MARK	SIZE/GRADE
J1	SJ30040 SMARTFRAME @ 450 CTS OR HJ30045 HYJOIST @ 450 CTS OR 300 DEEP POSI–JOISTS @ 450 CTS OR FT300 PRYDA LONGREACH @ 450 CTS
J2	SJ30090 SMARTFRAME @ 450 CTS OR HJ30090 HYJOIST @ 450 CTS OR 300 DEEP POSI–JOISTS @ 450 CTS OR FT300 PRYDA LONGREACH @ 450 CTS
B1	2/300 x 45 LVL 13
B2	2/300 x 58 LVL 15
B3	250UB25.7
B4	360UB50.7
B5	310UC137

MARK	SIZE/GRADE
B6	2/360 x 42 LVL 15
B7	310UB46.2
B8	310UB32.0
B9	310UC96.8
B10	310UB40.4
B11	310UB32.0
B12	2/360 x 58 LVL 15
C1	2/90 x 45 MGP10 STUDS
C2	89 x 89 x 5 SHS
C3	2/90 x 45 F17 STUDS
WP	120 x 45 MGP10 WALING PLATE
T1	300 x 45 LVL 13 TRIMMER

MARK	SIZE/GRADE
GL1	300PFC + 10mm PLATE
GL2	180PFC + 10mm PLATE
L1	90 x 45 MGP10
L2	120 x 45 MGP10
L3	140 x 45 F17
L4	190 x 45 F17
L5	240 x 45 F17 OR LVL 13
L6	300 x 45 LVL 13
L7	75 x 100 x 8 UA
L8	150 x 100 x 10 UA
L9	2/300 x 45 LVL 13
L10	300PFC
L11	2/240 x 45 F17 OR LVL 13

NB: SIZES SHOWN ARE MINIMUM ONLY. EQUIVALENT SIZES MAY BE USED
REFER MANUFACTURER FOR PROPRIETARY PRODUCT SPECIFICATIONS

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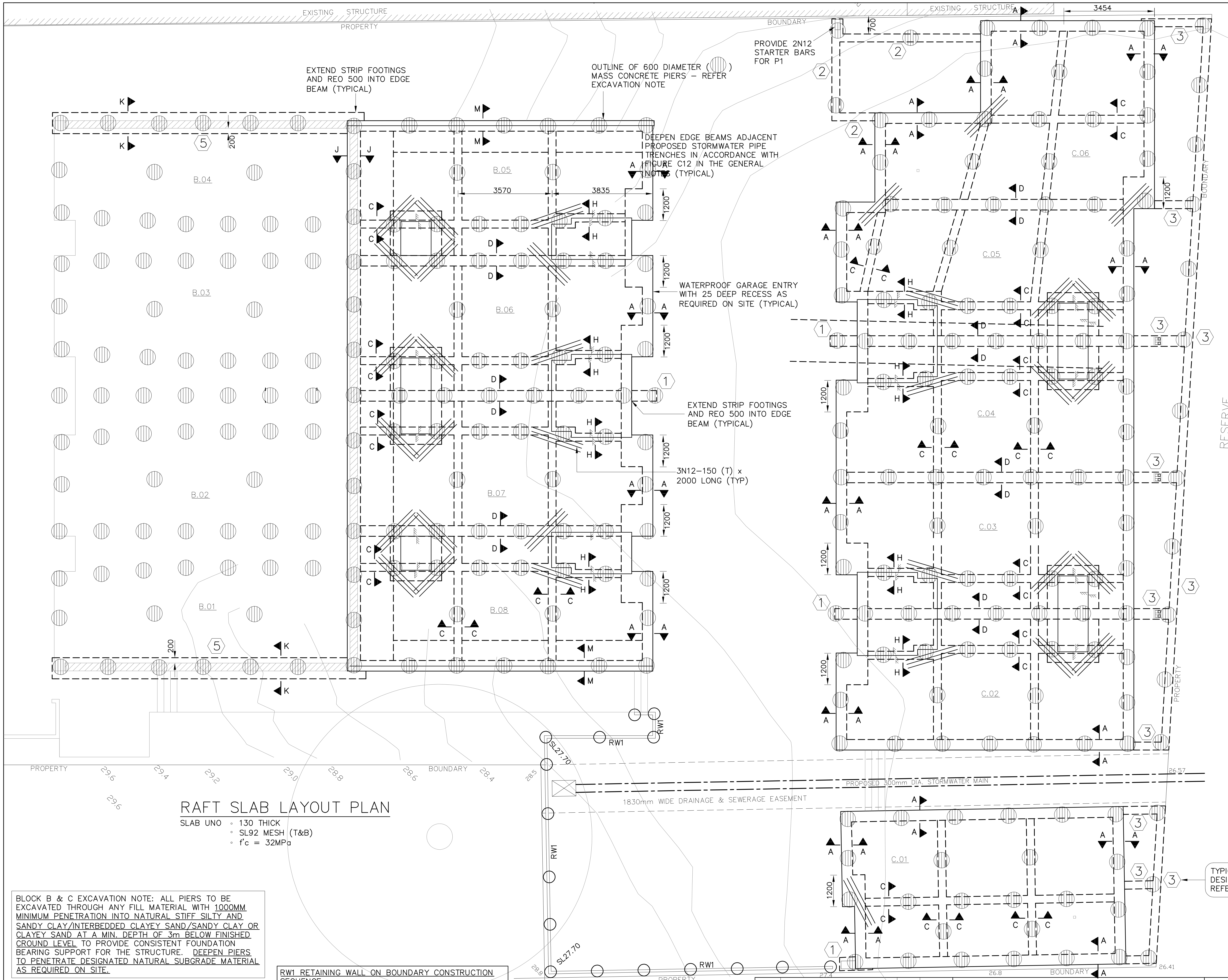
Josh Millie (MIEAust CPEng):

Project: Proposed Development				Scale: 1:100 A3
				Date: 9/1/18
Client: *				Job No: 16***
Designed: JM	Drawn: *	Issue: A	Checked: *	Sheet 3 of 8



RAFT SLAB LAYOUT PLAN

SLAB UNO
- 130 THICK
- SL92 MESH (T&B)
- f'c = 32MPa

SITE TO BE ADEQUATELY DRAINED DURING AND AFTER CONSTRUCTION

ALL PIPE TRENCHES UNDER RESIDENCES OR GARAGES SHALL BE BACKFILLED WITH COMPACTED CLAY SOIL MATERIAL AND SHALL SLOPE AWAY FROM THE RESIDENCE OR GARAGE (REGARDLESS OF PIPE SLOPE DIRECTION)

PIPES TO PASS THROUGH THE MIDDLE THIRD OF ANY EDGE BEAM AND BE SUITABLY SHEATHED WITH COMPRESSIBLE MATERIAL TO 20mm THICKNESS FOR CLASS M OR H1 SITES AND 40mm FOR CLASS H2 SITES (TYPICAL). FLEXIBLE PIPE JOINTS SHALL BE PROVIDED WITHIN 1m OF THE PIPE EXITING THE BUILDING PERIMETER

STRIP DELETERIOUS TOPSOIL AND GRASS VEGETATION FROM THE HOUSE SITE PRIOR TO EXCAVATION FOR BULK EARTHWORKS

ANY FLOOR TILES SHOULD BE FIXED WITH APPROVED FLEXIBLE ADHESIVES IF ATTACHED TO SLAB WITHIN NINE (9) MONTHS SUBSEQUENT TO PLACEMENT OF CONCRETE

BLOCK B & C EXCAVATION NOTE: ALL PIERS TO BE EXCAVATED THROUGH ANY FILL MATERIAL WITH 1000MM MINIMUM PENETRATION INTO NATURAL STIFF SILTY AND SANDY CLAY/INTERBEDDED CLAYEY SAND/SANDY CLAY OR CLAYEY SAND AT A MIN. DEPTH OF 3m BELOW FINISHED GROUND LEVEL TO PROVIDE CONSISTENT FOUNDATION BEARING SUPPORT FOR THE STRUCTURE. DEEPEN PIERS TO PENETRATE DESIGNATED NATURAL SUBGRADE MATERIAL AS REQUIRED ON SITE.

REFER TO SOIL INVESTIGATION REPORT PREPARED BY * (FILE NO:180242, DATE 23/3/18). FOOTING EXCAVATION TO COMPLY WITH RECOMMENDATIONS IN THIS REPORT.

RW1 RETAINING WALL ON BOUNDARY CONSTRUCTION SEQUENCE
1. BULK EXCAVATE SITE LEAVING 1V:2H BATTER SLOPE ON BOUNDARIES
2. DRILL BORED PIERS AND CAST IN VERTICAL POSTS
3. EXCAVATE ALTERNATE BAYS (1 BAY IS INBETWEEN 2 VERTICAL POSTS), IMMEDIATELY DROP IN SLEEPERS AND BACKFILL AS PER RW1 DETAIL
4. EXCAVATE REMAINING BAYS SAME AS ITEM 3

Issue:	Description:	Dwn:	Date:

Project: PROPOSED UNIT DEVELOPMENT at *

Title: BLOCK B & C SLAB LAYOUT PLAN

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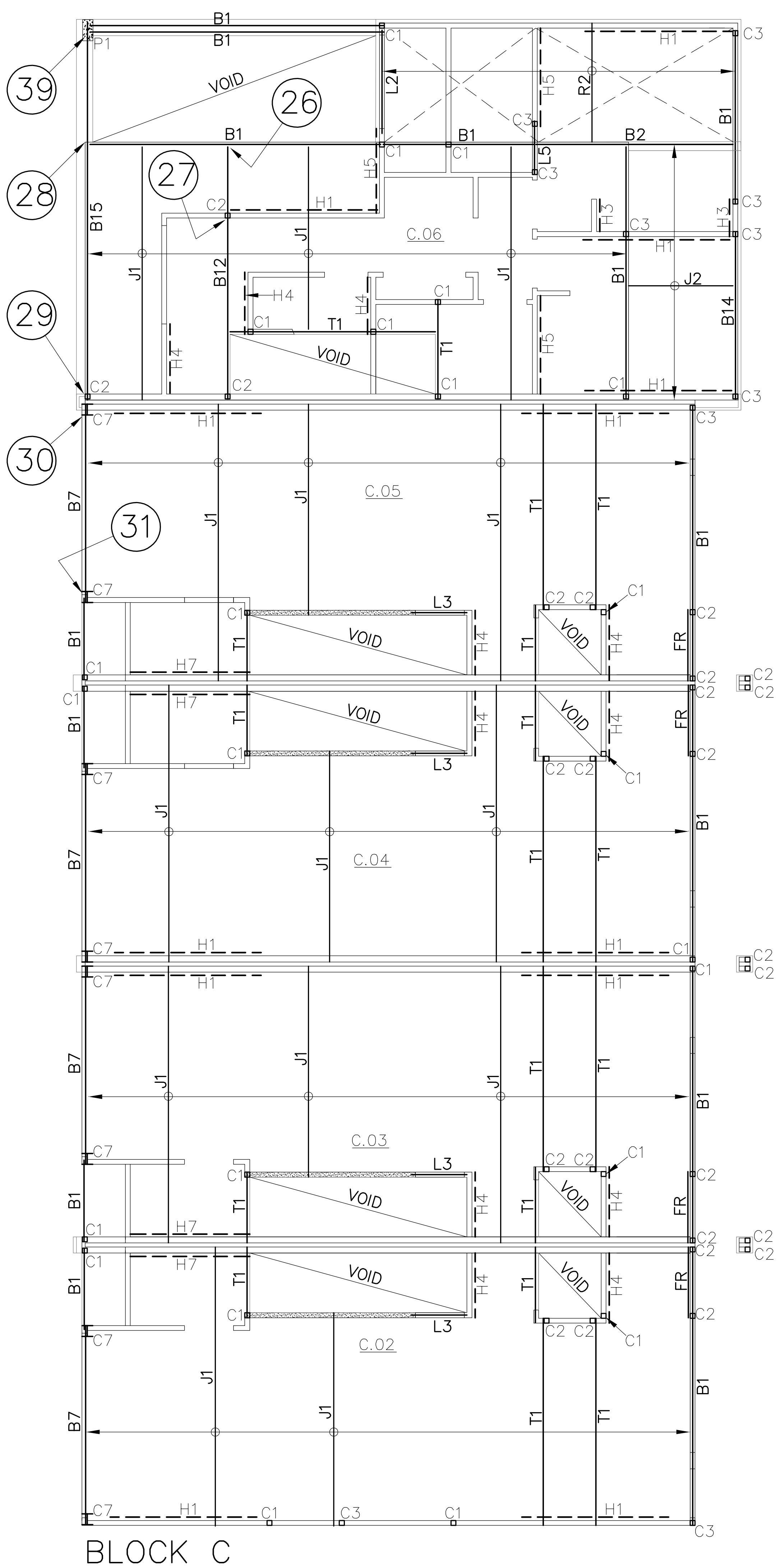
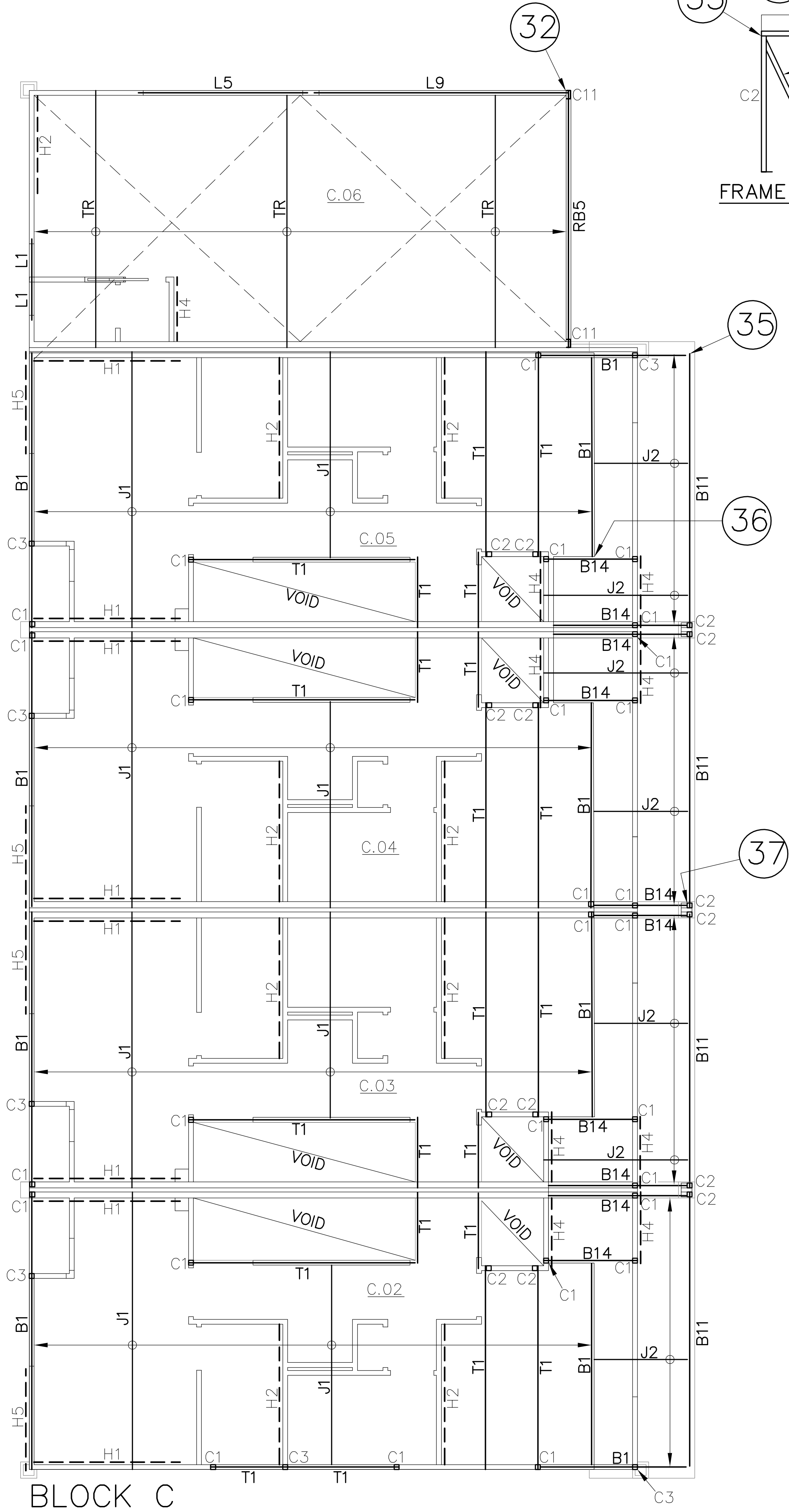
Scales:	Drawn:	Date:	Designed:	Issue:
1:100 A2	JM	10/3/18	JM	A

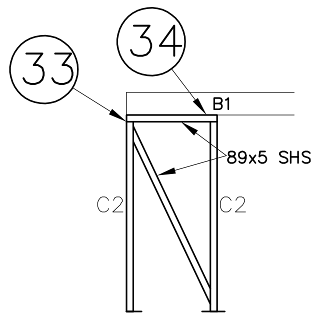
Job No: 16***
Sheet No: 2
Number in Set: 12



BLOCK C
FIRST FLOOR FRAMING LAYOUT PLAN



BLOCK C
SECOND FLOOR FRAMING LAYOUT PLAN



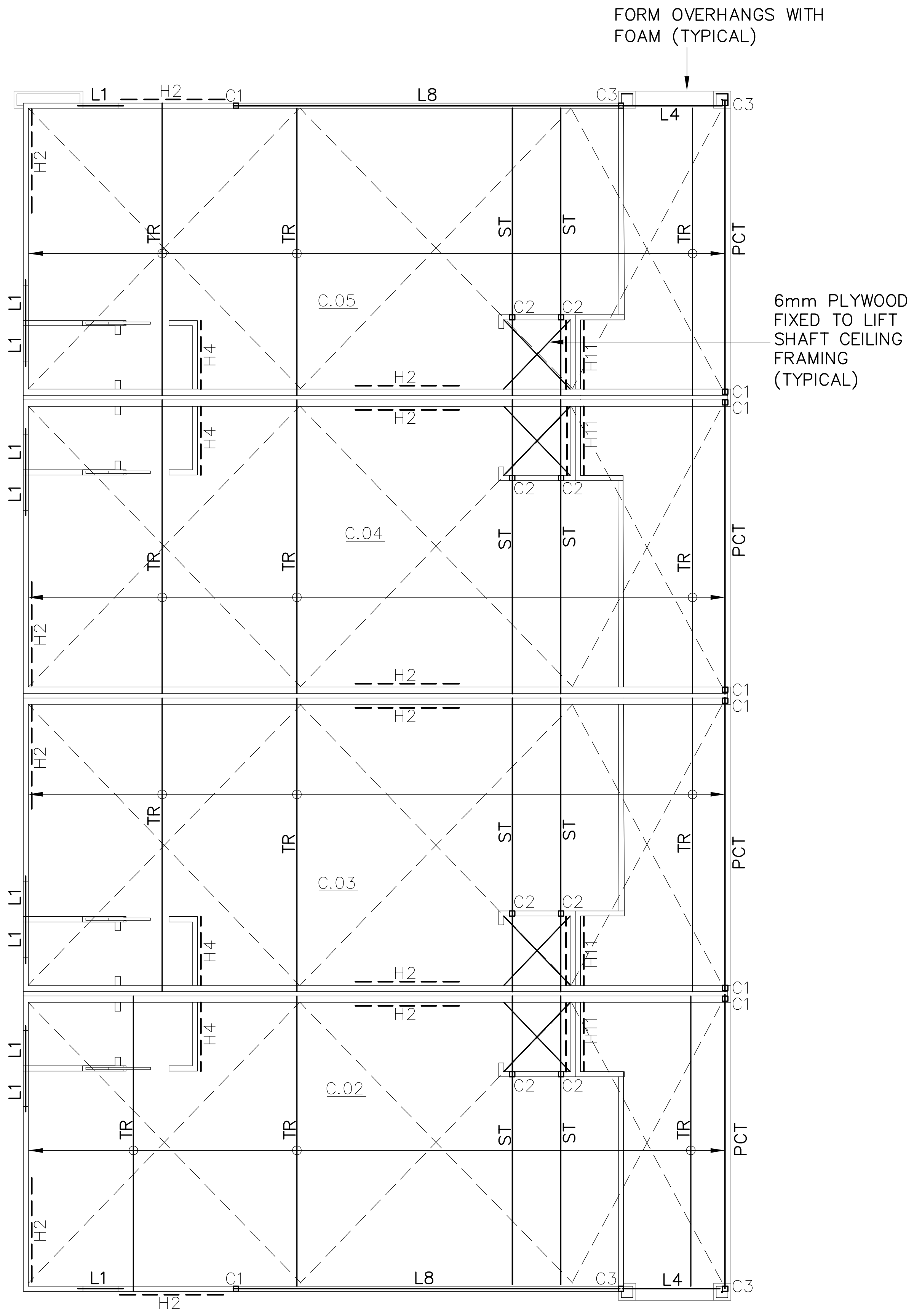
FRAME FR ELEVATION

ALL EXTERNAL STEELWORK SHALL BE HOT DIP GALVANISED OR PAINTED WITH AN EQUIVALENT APPROVED ZINC SILICA RICH PAINT TO MAN. SPECS.

ALL EXTERNAL TIMBER SHALL BE TREATED, PAINTED OR BOXED TO PROVIDE MINIMUM H3 LEVEL PROTECTION AGAINST ENVIRONMENTAL DEGRADATION

ALL TOP FLOOR WALL FRAMING TO BE 90x35 MGP10 STUDS AT 450CTS WITH 35x90 MGP10 LOAD-BEARING TOP PLATE AND 35x90 MGP10 LOAD-BEARING BTM PLATE. PROVIDE 2/90x35 MGP10 STUDS UNDER ALL BEAMS, GIRDER TRUSSES AND LINTELS. PROVIDE TIE-DOWN TO ALL FRAMING MEMBERS IN ACCORDANCE WITH AS1684.2

ALL STAIRS ASSUMED TO BE TIMBER FRAMED WITH 2 STRINGERS

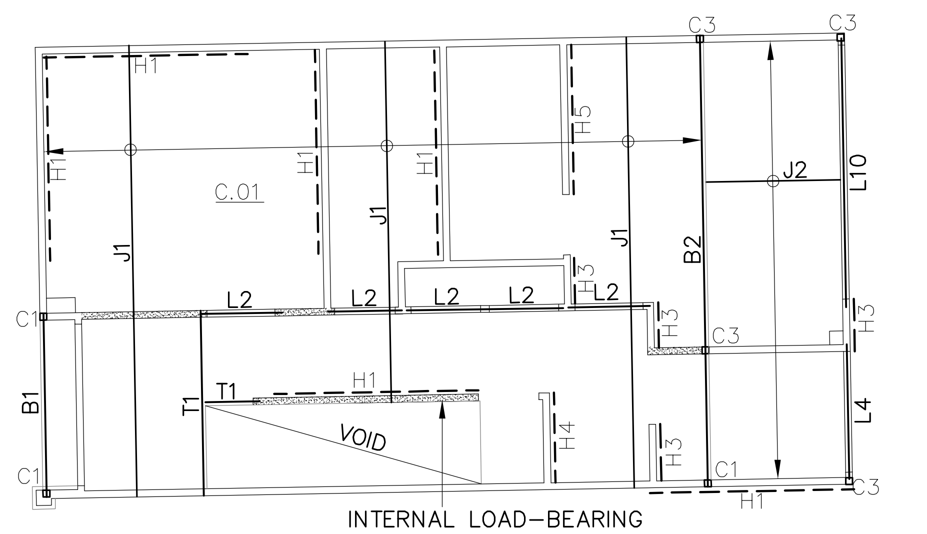


BLOCK C
ROOF FRAMING LAYOUT PLAN

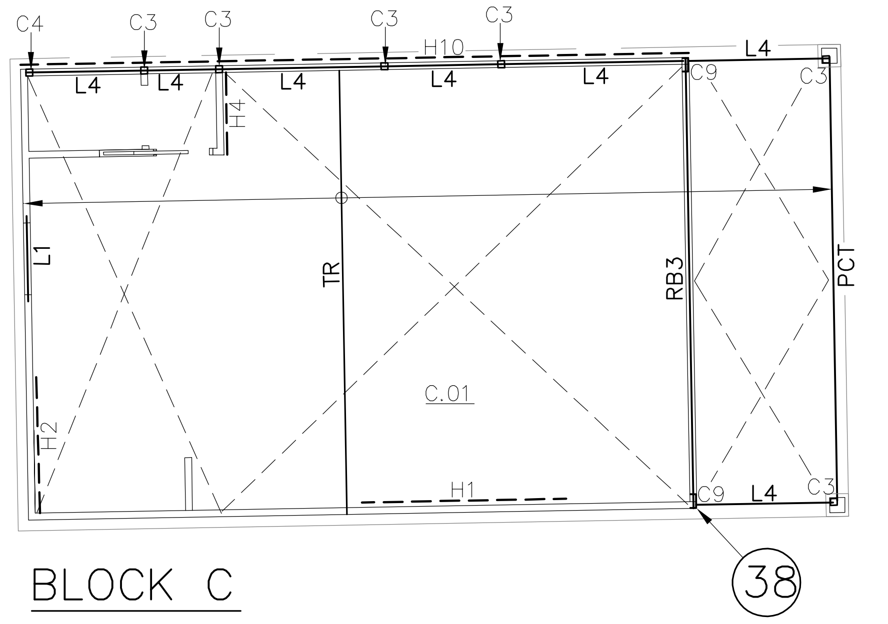
N

ALL GROUND FLOOR WALL FRAMING TO BE 90x45 MGP10 STUDS AT 450CTS WITH 2/45x90 MGP10 LOAD-BEARING TOP PLATE AND 45x90 MGP10 LOAD-BEARING BTM PLATE. PROVIDE 2/90x45 MGP10 STUDS UNDER ALL BEAMS, GIRDER TRUSSES AND LINTELS. PROVIDE TIE-DOWN TO ALL FRAMING MEMBERS IN ACCORDANCE WITH AS1684.2

ALL MIDDLE FLOOR WALL FRAMING TO BE 90x45 MGP10 STUDS AT 450CTS WITH 2/45x90 MGP10 LOAD-BEARING TOP PLATE AND 2/45x90 MGP10 LOAD-BEARING BTM PLATE. PROVIDE 2/90x45 MGP10 STUDS UNDER ALL BEAMS, GIRDER TRUSSES AND LINTELS. (BTM PLATE MAY BE 35x90 MGP10 WHERE THE BTM PLATE IS FULLY BLOCKED, BEARING ON A BEAM OR WHERE STUDS LINE UP WITH JOISTS). PROVIDE TIE-DOWN TO ALL FRAMING MEMBERS IN ACCORDANCE WITH AS1684.2



BLOCK C
FIRST FLOOR FRAMING LAYOUT PLAN



BLOCK C
ROOF FLOOR FRAMING LAYOUT PLAN

FRAMING SCHEDULE

MARK	SIZE/GRADE
J1	SJ30040 SMARTFRAME @ 450 CTS OR HJ30045 HYJOIST @ 450 CTS OR 300 DEEP POSI-JOISTS @ 450 CTS OR FT300 PRYDA LONGREACH @ 450 CTS
J2	190 x 45 MGP10 @ 450 CTS
B1	2/300 x 45 LVL 13
B2	2/300 x 58 LVL 15
B3	2/360 x 42 LVL 15
B4	300PFC
B5	250UC72.9
B6	240 x 45 F17 OR LVL 13
B7	200UC59.5
B8	250UB31.4
B9	150 x 100 x 10 UA
B10	250PFC
B11	200PFC
B12	250UB25.7
B13	310UC96.8
B14	2/190 x 45 F17
B15	310UB32.0
ST	240 x 45 F17 OR LVL 13
RB1	89 x 89 x 5 SHS
RB2	300PFC
RB3	250PFC
RB4	180PFC
RB5	200PFC
R1	240 x 45 MGP10 @ 600 CTS
R2	120 x 45 MGP10 @ 600 CTS
L1	90 x 45 MGP10
L2	120 x 45 MGP10
L3	140 x 45 F17
L4	190 x 45 F17
L5	240 x 45 F17 OR LVL 13
L6	300 x 45 LVL 13
L7	2/360 x 42 LVL 15
L8	230PFC
L9	360 x 42 LVL 15
L10	2/200 x 58 LVL 15
TR	TRUSSES TO FABRICATORS SPECS.
PCT	PARALLEL CHORD TRUSS TO FABRICATORS SPECS.
FR	REFER FRAME FR ELEVATION
T1	300 x 45 LVL 13 TRIMMER
T2	190 x 45 F17 TRIMMER
T3	360 x 42 LVL 15 TRIMMER
C1	2/90 x 45 MGP10 STUDS
C2	89 x 89 x 5 SHS
C3	2/90 x 45 F17 STUDS
C4	3/90 x 45 F17 STUDS
C5	100 x 100 x 9 SHS
C6	2/89 x 89 x 6 SHS
C7	200UC59.5
C8	200UC46.2
C9	180PFC
C10	4/90 x 45 F17 STUDS
C11	150PFC
P1	390x190 BLOCKWORK PIER REINFORCED WITH 1N12 BAR IN EACH CORE

NB: SIZES SHOWN ARE MINIMUM ONLY. EQUIVALENT SIZES MAY BE USED
REFER MANUFACTURER FOR PROPRIETARY PRODUCT SPECIFICATIONS

Issue:	Description:	Dwn:	Date:

Project: PROPOSED UNIT DEVELOPMENT at *

Title: BLOCK C FRAMING LAYOUT PLANS

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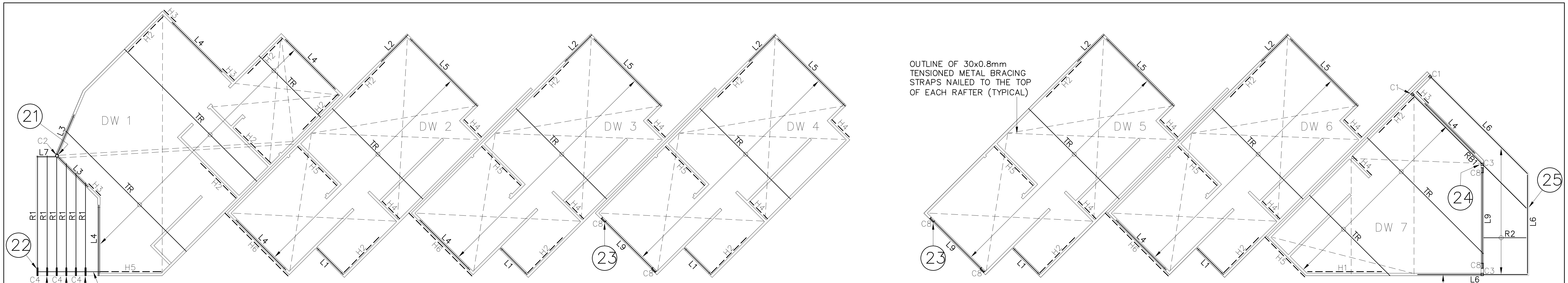
Scales:	Drawn:	Date:	Designed:	Issue:
1:100 A2	JM	10/3/18	JM	A

Job No: 16***
Sheet No: 5
Number in Set: 12



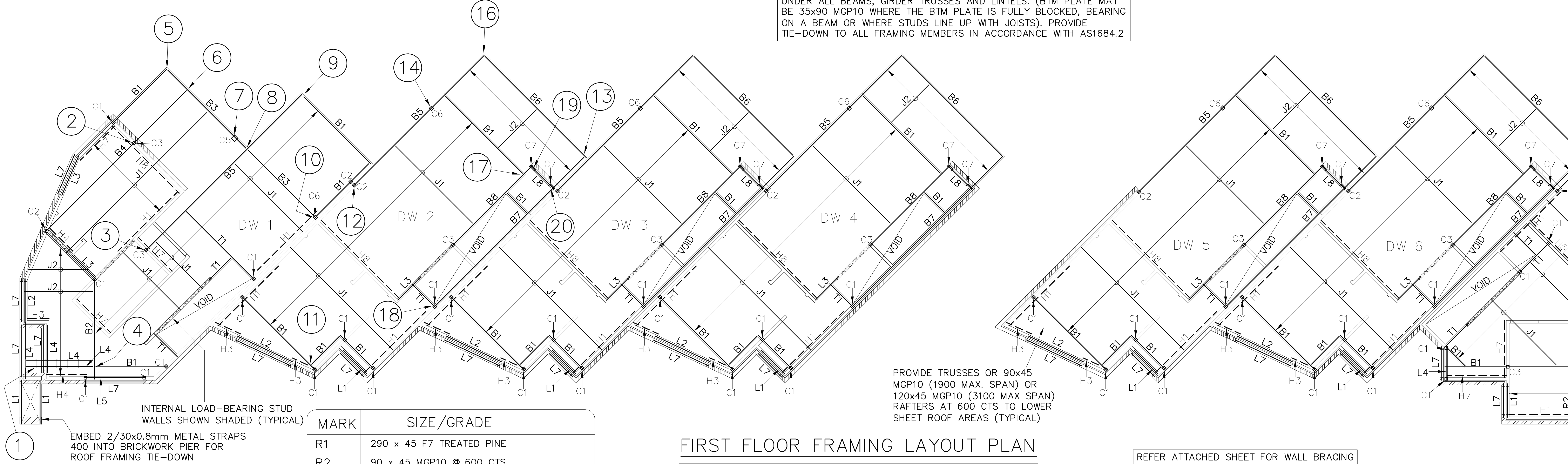
16mm DIA. GALVANISED ROUND BAR FIXED TO EACH R1 AND STUD WALL FRAMING

OUTLINE OF 30x0.8mm TENSIONED METAL BRACING STRAPS NAILED TO THE TOP OF EACH RAFTER (TYPICAL)

PROVIDE 2400mm BACKSPAN TO CANTILEVERING L6 FIXED AND BRACED INTO TIMBER STUD WALL FRAMEWORK

ROOF FRAMING LAYOUT PLAN

ALL FIRST FLOOR WALL FRAMING TO BE 90x35 MGP10 STUDS AT 450CTS WITH 45x90 MGP10 LOAD–BEARING TOP PLATE AND 45x90 MGP10 LOAD–BEARING BTM PLATE. PROVIDE 2/90x35 MGP10 STUDS UNDER ALL BEAMS, GIRDER TRUSSES AND LINTELS. (BTM PLATE MAY BE 35x90 MGP10 WHERE THE BTM PLATE IS FULLY BLOCKED, BEARING ON A BEAM OR WHERE STUDS LINE UP WITH JOISTS). PROVIDE TIE–DOWN TO ALL FRAMING MEMBERS IN ACCORDANCE WITH AS1684.2



INTERNAL LOAD–BEARING STUD WALLS SHOWN SHADED (TYPICAL)

EMBED 2/30x0.8mm METAL STRAPS 400 INTO BRICKWORK PIER FOR ROOF FRAMING TIE–DOWN

PROVIDE TRUSSES OR 90x45 MGP10 (1900 MAX. SPAN) OR 120x45 MGP10 (3100 MAX SPAN) RAFTERS AT 600 CTS TO LOWER SHEET ROOF AREAS (TYPICAL)

FIRST FLOOR FRAMING LAYOUT PLAN

ALL GROUND FLOOR WALL FRAMING TO BE 90x45 MGP10 STUDS AT 450CTS WITH 2/45x90 MGP10 LOAD–BEARING TOP PLATE AND 45x90 MGP10 LOAD–BEARING BTM PLATE. PROVIDE 2/90x45 MGP10 STUDS UNDER ALL BEAMS, GIRDER TRUSSES AND LINTELS. PROVIDE TIE–DOWN TO ALL FRAMING MEMBERS IN ACCORDANCE WITH AS1684.2

REFER ATTACHED SHEET FOR WALL BRACING TYPES/ALTERNATIVES AND FIXING DETAILS

BRACING
- H1 TYPE 1 BRACING UNIT 2700mm MIN. LENGTH
- H2 TYPE 1 BRACING UNIT 1800mm MIN. LENGTH
- H3 TYPE 3 METHOD B BRACING UNIT 600mm MIN. LENGTH
- H4 TYPE 3 METHOD B BRACING UNIT 900mm MIN. LENGTH
- H5 TYPE 3 METHOD B BRACING UNIT 2000mm MIN. LENGTH
- H6 TYPE 3 METHOD B BRACING UNIT FIXED OVER ENTIRE WALL LENGTH
- H7 TYPE 3 METHOD B BRACING UNIT 1500mm MIN. LENGTH
- H8 TYPE 3 METHOD B BRACING UNIT 3000mm MIN. LENGTH

FRAMING SCHEDULE

MARK	SIZE/GRADE
J1	SJ30040 SMARTFRAME @ 450 CTS OR HJ30045 HYJOIST @ 450 CTS OR 300 DEEP POSI–JOISTS @ 450 CTS OR FT300 PRYDA LONGREACH @ 450 CTS
J2	190 x 45 MGP10 @ 450 CTS
T1	300 x 45 LVL 13 TRIMMER
RB1	230PFC
B1	2/300 x 45 LVL 13
B2	2/300 x 58 LVL 15
B3	250PFC
B4	310UB46.2
B5	300PFC
B6	200PFC
B7	2/360 x 42 LVL 15
B8	300 x 42 LVL 15 + 300 x 58 LVL 15 (CUT TO 190mm DEEP WITHIN TERRACE)
B9	2/200 x 42 LVL 15

MARK	SIZE/GRADE
R1	290 x 45 F7 TREATED PINE
R2	90 x 45 MGP10 @ 600 CTS
TR	TRUSSES TO FABRICATORS SPECS.
L1	90 x 45 MGP10
L2	120 x 45 MGP10
L3	140 x 45 F17
L4	190 x 45 F17
L5	240 x 45 F17 OR LVL 13
L6	300 x 45 LVL 13
L7	75 x 100 x 8 UA
L8	200PFC
L9	150PFC
C1	2/90 x 45 MGP10 STUDS
C2	89 x 89 x 5 SHS
C3	2/90 x 45 F17 STUDS
C4	290 x 45 F7 TREATED PINE
C5	150 x 150 x 9 SHS
C6	100 x 100 x 9 SHS
C7	200PFC
C8	150PFC

NB: SIZES SHOWN ARE MINIMUM ONLY. EQUIVALENT SIZES MAY BE USED
REFER MANUFACTURER FOR PROPRIETARY PRODUCT SPECIFICATIONS

ALL EXTERNAL STEELWORK SHALL BE HOT DIP GALVANISED OR PAINTED WITH AN EQUIVALENT APPROVED ZINC SILICA RICH PAINT TO MAN. SPECS.

ALL EXTERNAL TIMBER SHALL BE TREATED, PAINTED OR BOXED TO PROVIDE MINIMUM H3 LEVEL PROTECTION AGAINST ENVIRONMENTAL DEGRADATION

Issue:	Description:	Dwn:	Date:

Project: PROPOSED UNIT DEVELOPMENT at *

Title: FRAMING LAYOUT PLANS

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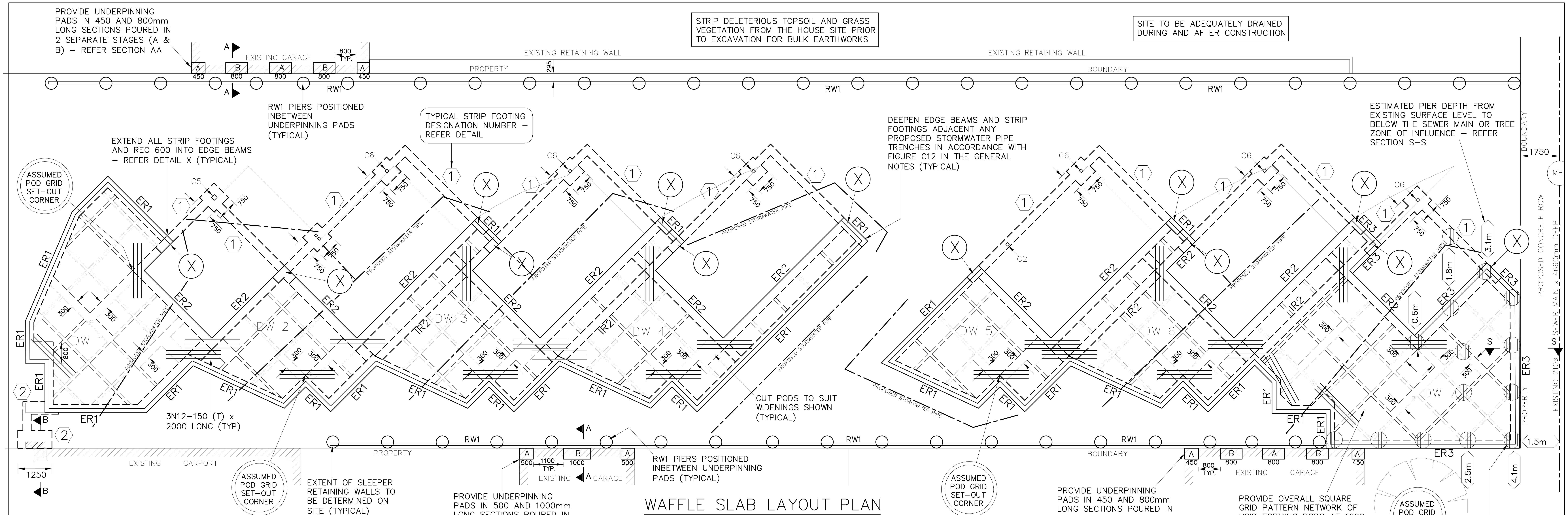
Scales:	Drawn:	Date:	Designed:	Issue:	Job No:	Sheet No:	Number In Set:
1:100 A2	JM	2/10/17	JM	A	16*	3	5



WAFFLE SLAB LAYOUT PLAN

SLAB UNO
- 85 THICK
- SL92 MESH (T)
- f'c = 25MPa

EXCAVATION NOTE: ALL EDGE BEAMS AND SECTIONS IR2 AND STRIP FOOTINGS TO BE EXCAVATED THROUGH ANY FILL MATERIAL WITH 100MM MINIMUM PENETRATION INTO NATURAL STIFF SANDY CLAY OR 200mm MINIMUM PENETRATION INTO MODERATELY DENSE CLAYEY SAND SUBGRADE MATERIAL TO PROVIDE CONSISTENT FOUNDATION BEARING SUPPORT FOR THE STRUCTURE. DEEPEN FOOTINGS OR PROVIDE 15MPa BLINDING CONCRETE IN TRENCHES TO SUIT BEAM WIDTHS TO PENETRATE DESIGNATED NATURAL SUBGRADE MATERIAL AS REQUIRED ON SITE.

REFER TO SOIL INVESTIGATION REPORT PREPARED BY JOMIL ENGINEERING PTY LTD (JOB NO:16910). FOOTING EXCAVATION TO COMPLY WITH RECOMMENDATIONS IN THIS REPORT.

ANY FLOOR TILES SHOULD BE FIXED WITH APPROVED FLEXIBLE ADHESIVES IF ATTACHED TO SLAB WITHIN NINE (9) MONTHS SUBSEQUENT TO PLACEMENT OF CONCRETE

15MPa BLINDING BACKFILL CONCRETE MAY BE PROVIDED IN EDGE AND INTERNAL BEAM TRENCHES EXCAVATED 100mm INTO THE NATURAL SANDY CLAY OR CLAYEY SAND IF REQUIRED

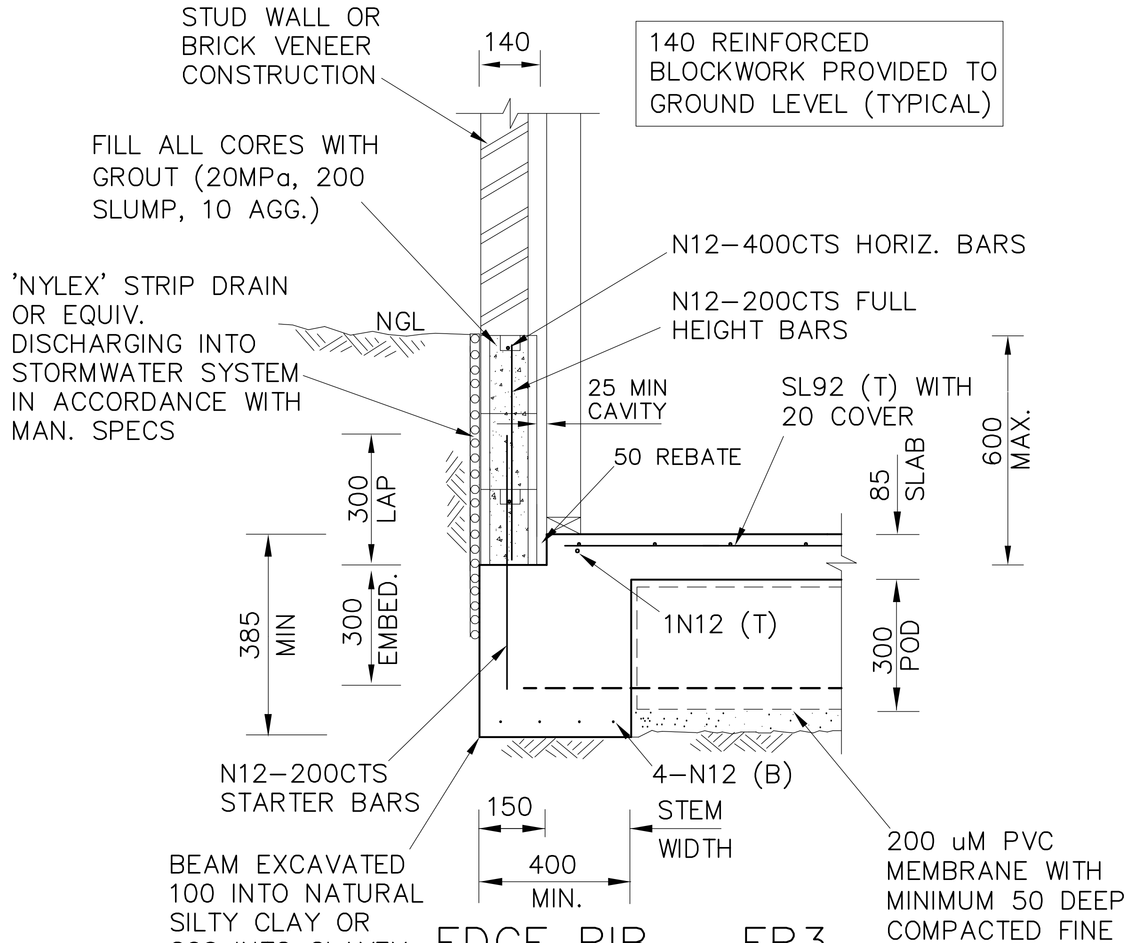
ANY FILL UNDER PODS TO BE ROLLED FILL – REFER ROLLED FILL NOTE IN GENERAL NOTES

PIPES TO PASS THROUGH THE MIDDLE THIRD OF ANY EDGE BEAM AND BE SUITABLY SHEATHED WITH COMPRESSIBLE MATERIAL TO 20mm THICKNESS FOR CLASS M OR H1 SITES AND 40mm FOR CLASS H2 SITES (TYPICAL). FLEXIBLE PIPE JOINTS SHALL BE PROVIDED WITHIN 1m OF THE PIPE EXITING THE BUILDING PERIMETER

ALL PIPE TRENCHES UNDER RESIDENCES OR GARAGES SHALL BE BACKFILLED WITH COMPACTED CLAY SOIL MATERIAL AND SHALL SLOPE AWAY FROM THE RESIDENCE OR GARAGE (REGARDLESS OF PIPE SLOPE DIRECTION)

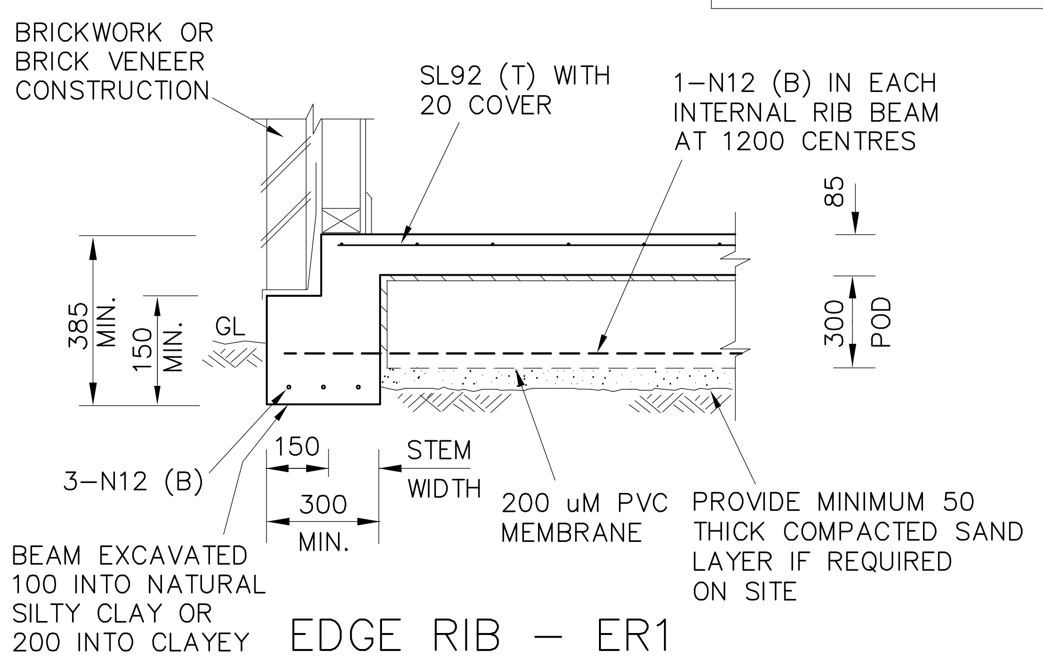
N

OUTLINE OF 600 DIAMETER ( ) MASS CONCRETE PIERS EXCAVATED AT 1800CTS MAX. AND AS SHOWN TO BELOW THE SEWER MAIN OR TREE ZONE OF INFLUENCE OR TO SOLID BEDROCK – REFER SECTION SS

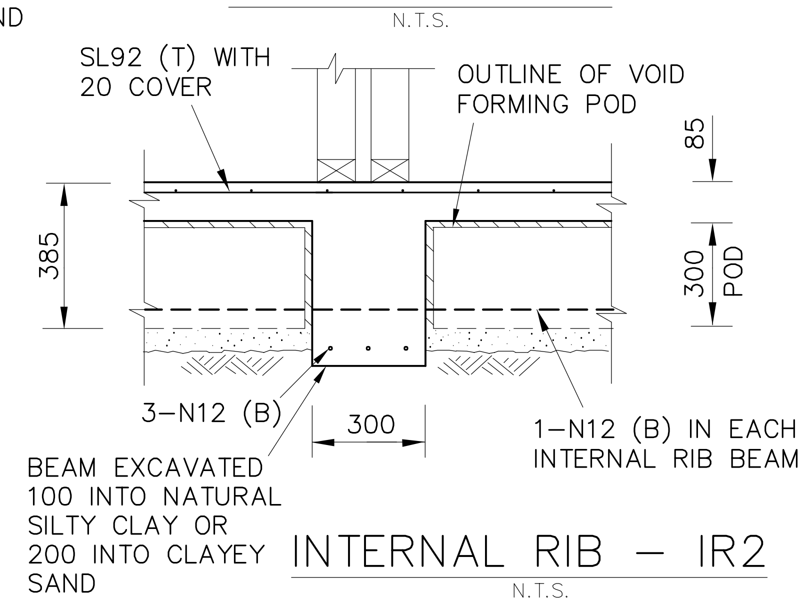


EDGE RIB – ER3
N.T.S.

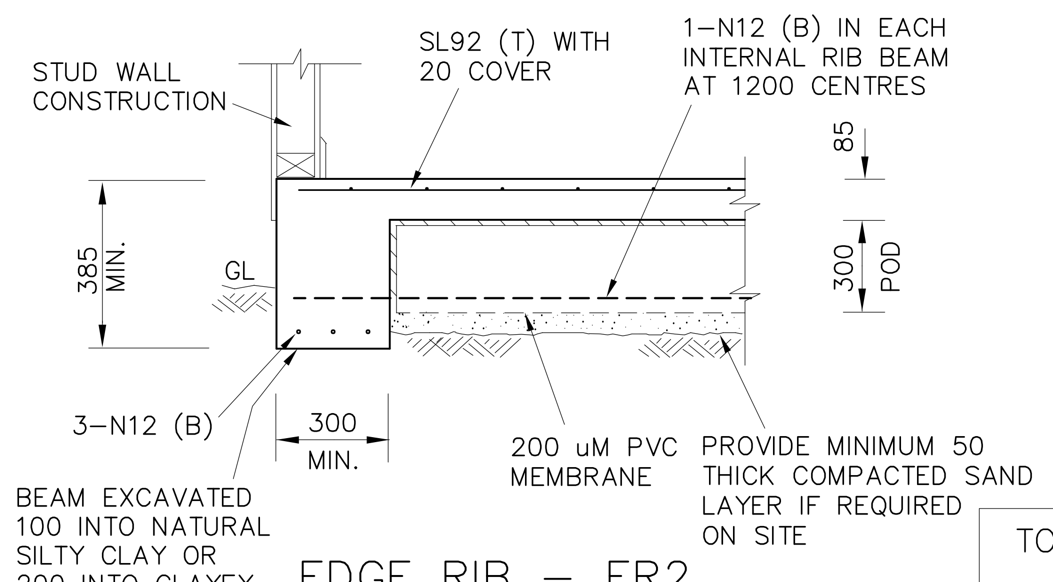
WATERPROOFING NOTE: WATERPROOF REAR FACE OF RETAINING BLOCKWORK WITH 2 COATS OF APPROVED BITUMEN BASED PAINT AND/OR PVC MEMBRANE SUITABLY TAPED AT JOINTS OR EQUIVALENT – ALSO PROVIDE NYLEX STRIP DRAIN WITH APPROP. FLUSHING POINTS



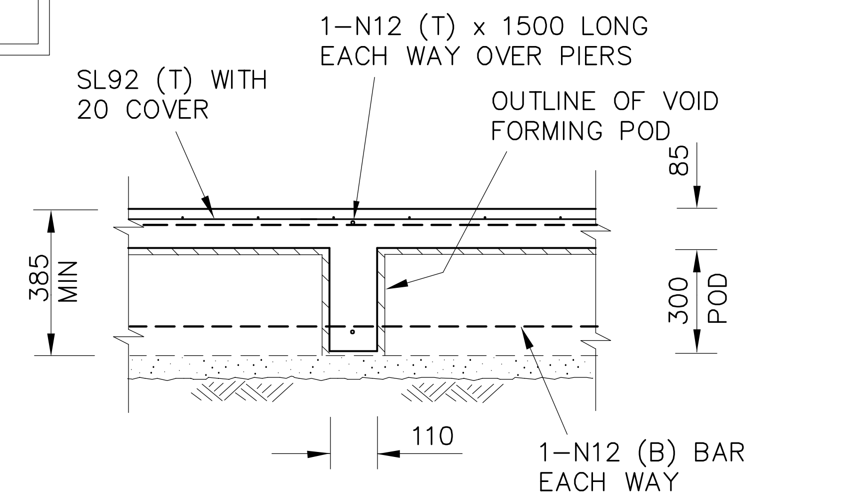
EDGE RIB – ER1
N.T.S.



INTERNAL RIB – IR2
N.T.S.



EDGE RIB – ER2
N.T.S.



TYPICAL INTERNAL RIB DETAIL – IR1
(AT 1200 CENTRE SPACINGS)
N.T.S.

TOTAL REINFORCEMENT FOR EXTERNAL EDGE BEAMS

BEAM BASE WIDTH	BTM. STEEL
221 – 330	3-N12
331 – 440	4-N12
441 – 550	5-N12
STEM WIDTH	TOP STEEL (ADDITIONAL TO SLAB FABRIC)
110 – 150	0
151 – 220	1-N12
221 – 330	2-N12

Issue:	Description:	Dwn:	Date:

Project: PROPOSED UNIT DEVELOPMENT at *

Title: SLAB LAYOUT PLANS

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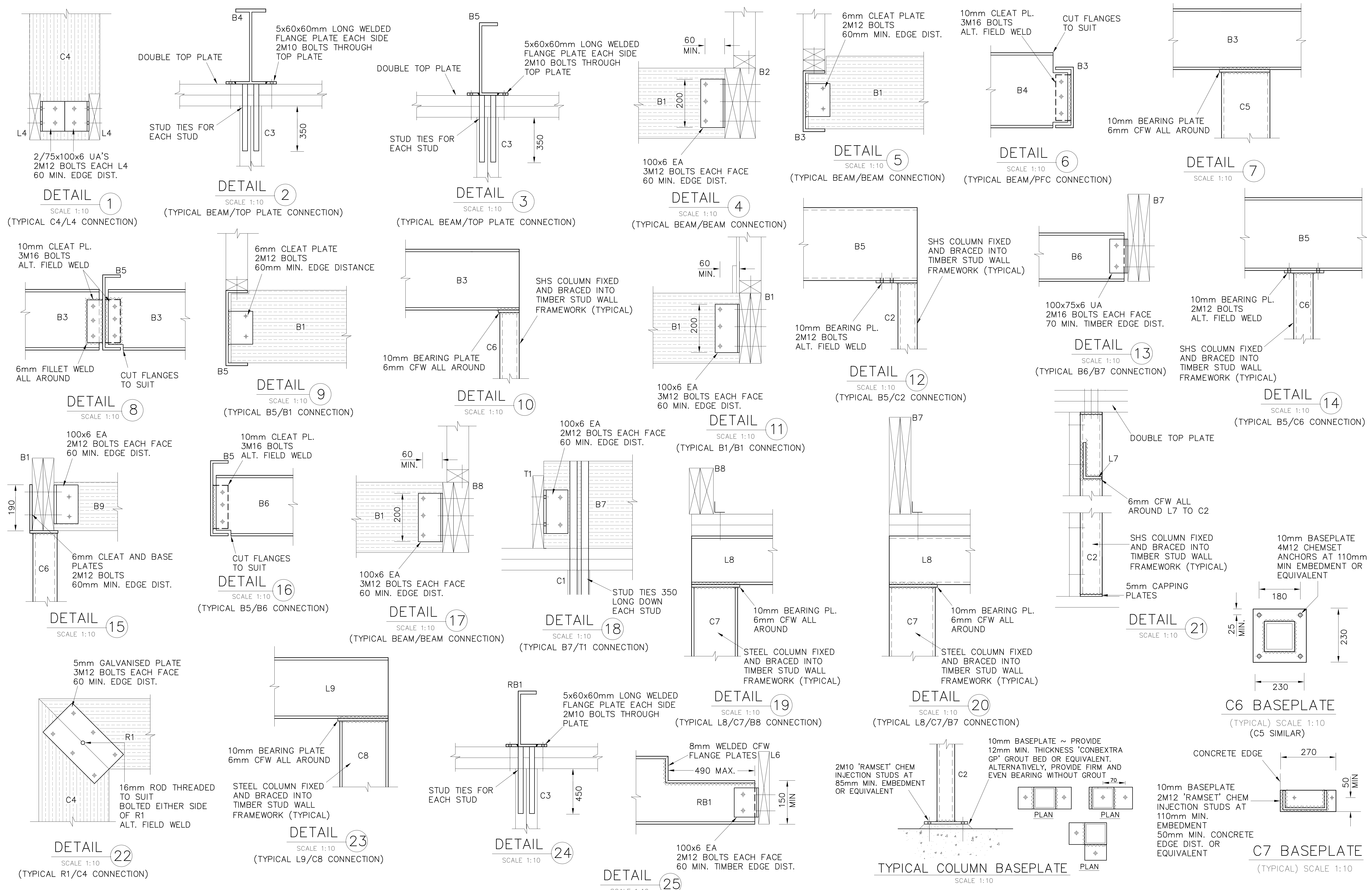
Scales:	Drawn:	Date:	Designed:	Issue:
1:100 A2	JM	2/10/17	JM	A

Job No: 16*
Sheet No: 1
Number in Set: 5



Issue:	Description:	Dwn:	Date:

Project: PROPOSED UNIT DEVELOPMENT at *

Title: FRAMING DETAILS

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ACN 098 324 808

Scales:	Drawn:	Date:	Designed:	Issue:
1:100 A2	JM	2/10/17	JM	A

Job No: 16***
Sheet No: 4
Number In Set: 5

EXCAVATION NOTE: ALL PAD AND STRIP FOOTINGS TO BE EXCAVATED THROUGH ANY FILL MATERIAL WITH 100MM MINIMUM PENETRATION INTO NATURAL STIFF SILTY CLAY SUBGRADE MATERIAL TO PROVIDE CONSISTENT FOUNDATION BEARING SUPPORT FOR THE STRUCTURE. DEEPEN FOOTINGS TO PENETRATE DESIGNATED NATURAL STIFF SILTY CLAY SUBGRADE MATERIAL AS REQUIRED ON SITE.

REFER TO SOIL INVESTIGATION REPORT PREPARED BY JOMIL ENGINEERING PTY LTD (JOB NO:16746). FOOTING EXCAVATION TO COMPLY WITH RECOMMENDATIONS IN THIS REPORT.

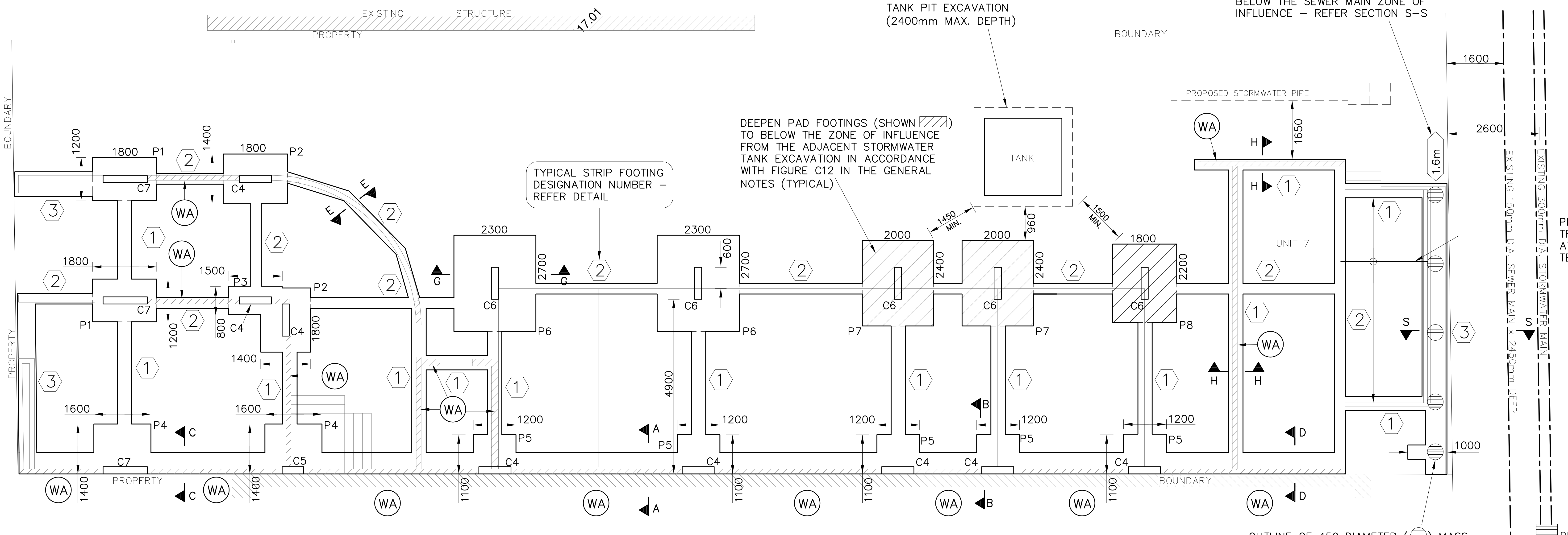
STRIP DELETERIOUS TOPSOIL AND GRASS VEGETATION FROM THE SITE PRIOR TO EXCAVATION FOR BULK EARTHWORKS

ANY FLOOR TILES SHOULD BE FIXED WITH APPROVED FLEXIBLE ADHESIVES IF ATTACHED TO SLAB WITHIN NINE (9) MONTHS SUBSEQUENT TO PLACEMENT OF CONCRETE

PIPES TO PASS THROUGH THE MIDDLE THIRD OF ANY EDGE BEAM AND BE SUITABLY SHEATHED WITH COMPRESSIBLE MATERIAL TO 20mm THICKNESS FOR CLASS M OR H1 SITES AND 40mm FOR CLASS H2 SITES (TYPICAL). FLEXIBLE PIPE JOINTS SHALL BE PROVIDED WITHIN 1m OF THE PIPE EXITING THE BUILDING PERIMETER

ALL PIPE TRENCHES UNDER RESIDENCES OR GARAGES SHALL BE BACKFILLED WITH COMPACTED CLAY SOIL MATERIAL AND SHALL SLOPE AWAY FROM THE RESIDENCE OR GARAGE (REGARDLESS OF PIPE SLOPE DIRECTION)

SITE TO BE ADEQUATELY DRAINED DURING AND AFTER CONSTRUCTION



FOOTINGS LAYOUT PLAN

REINFORCED BLOCKWORK SCHEDULE

MARK	DETAILS
WA	140 THICK –200 DEEP BOND BEAM AT TOP AND WALING PLATE LEVELS REINFORCED WITH 1N16 BAR (B) –N16 VERTICAL BARS AT 400CTS –N16 STARTER BARS AT 400CTS

GENERAL BLOCKWORK NOTES:

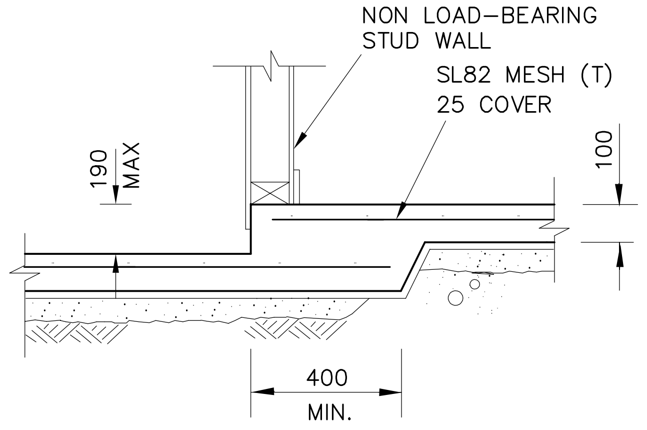
- ALL VERTICAL REINFORCEMENT SHALL BE HOOKED OR COGGED OR OTHERWISE ENGAGED WITH TOP AND/OR BOTTOM BOND BEAM REINFORCEMENT.
- ALL REINFORCED CORES FILLED WITH 20MPa GROUT, CEMENT CONTENT > 300kg/m3, ROUND AGG. < 10mm. GROUT TO COMPLY WITH AS3700, CL10.7
- PROVIDE 2N16 BARS IN ADJACENT CORES AT ALL CORNERS, EDGES AND BOTH SIDES OF OPENINGS

PAD SIZE/REO SCHEDULE

MARK	SIZE	DEPTH	REO
P1	1800x1200	1000	SL82 MESH (B), 12N16 COLUMN STARTER BARS
P2	1800x1400	1000	SL82 MESH (B), 10N16 COLUMN STARTER BARS
P3	1500x800	1000	SL82 MESH (B), 10N16 COLUMN STARTER BARS
P4	1600x1400	600	C7=12N16, C5=6N16 COLUMN STARTER BARS
P5	1200x1100	600	10N16 COLUMN STARTER BARS
P6	2700x2300	1000	SL82 MESH (B), 12N16 COLUMN STARTER BARS
P7	2400x2000	1000	SL82 MESH (B), 12N16 COLUMN STARTER BARS
P8	2200x1800	1000	SL82 MESH (B), 12N16 COLUMN STARTER BARS

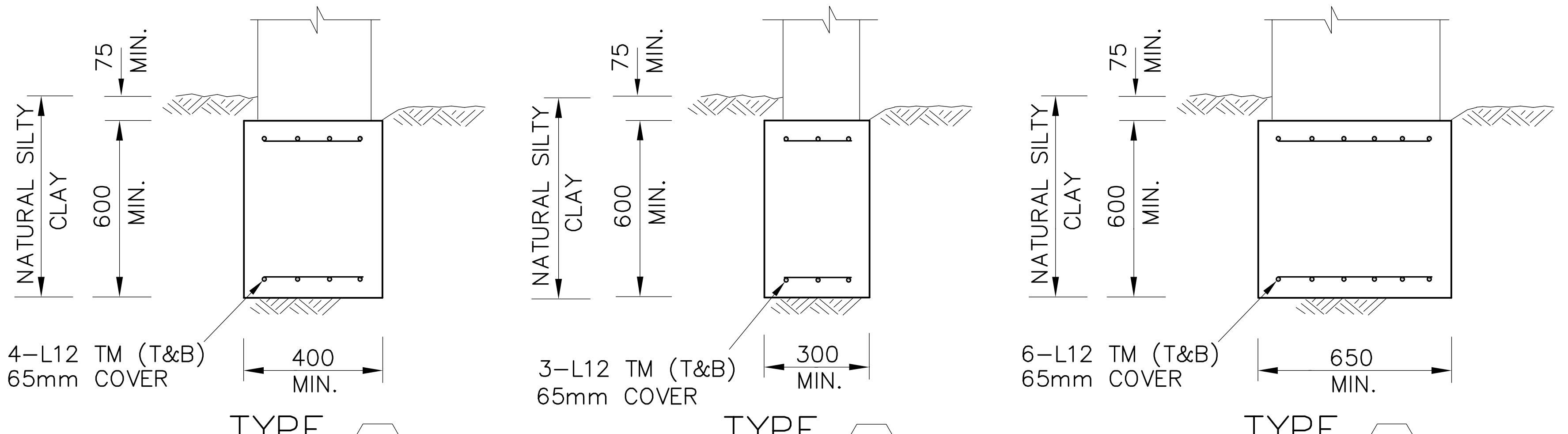
INTERNAL INFILL SLAB NOTES

L1 ALL INTERNAL INFILL SLABS TO BE 100mm THICK WITH SL82 MESH (T) WITH 25 COVER
L2 ALL SLAB STEPS SHALL BE IN ACCORDANCE WITH TYPICAL STEP SECTION
L3 ALL INTERNAL SLAB CORNERS SHALL HAVE 2N12 DIAGONAL BARS AT 150 CTS x 2000 LONG TIED TO THE UNDERSIDE OF THE TOP MESH
L4 ANY FILL TO 600mm HEIGHT SHALL BE PLACED IN ACCORDANCE WITH THE ROLLED FILL NOTE F10 IN THE GENERAL NOTES
L5 ABELFLEX OR EQUIVALENT SHALL BE PLACED INBETWEEN THE SLAB AND ANY WALL
L6 SLAB EDGES SHALL BE SUPPORTED DIRECTLY ONTO STRIP FOOTINGS WITH MINIMUM 40mm BEARING
L7 A 200uM MEMBRANE SHALL BE PLACED DIRECTLY UNDER THE SLAB ON A 50mm DEEP COMPACTED FINE GRAINED SAND LAYER
L8 SAWCUTS SHALL BE PLACED AT 5m MAX. CTS – REFER SAWCUT JOINT

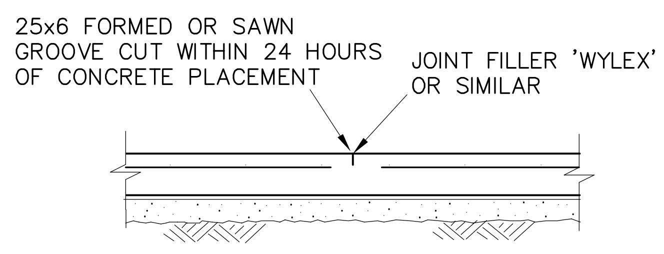


TYPICAL STEP SECTION

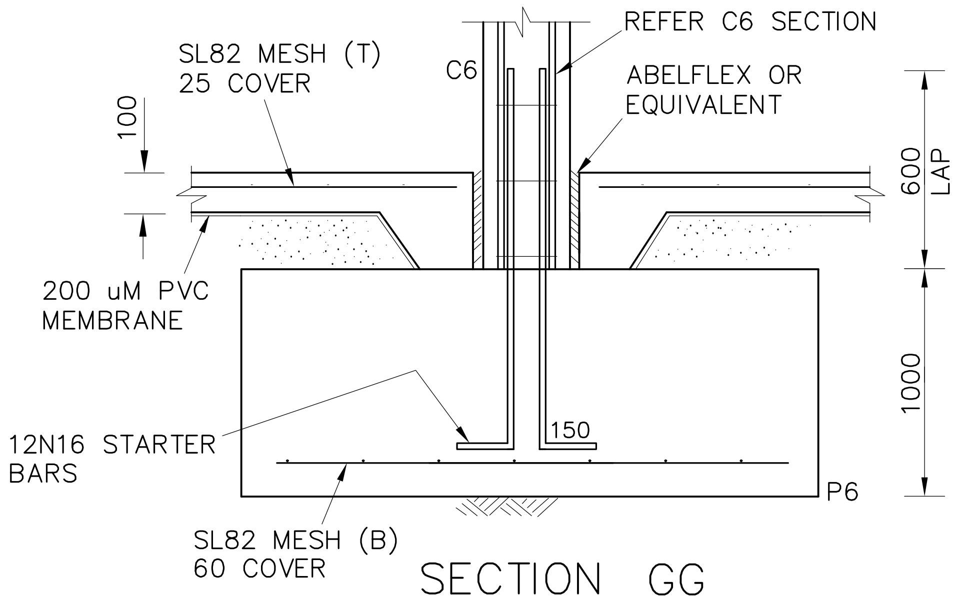
SCALE 1:20



STRIP FOOTING DETAIL

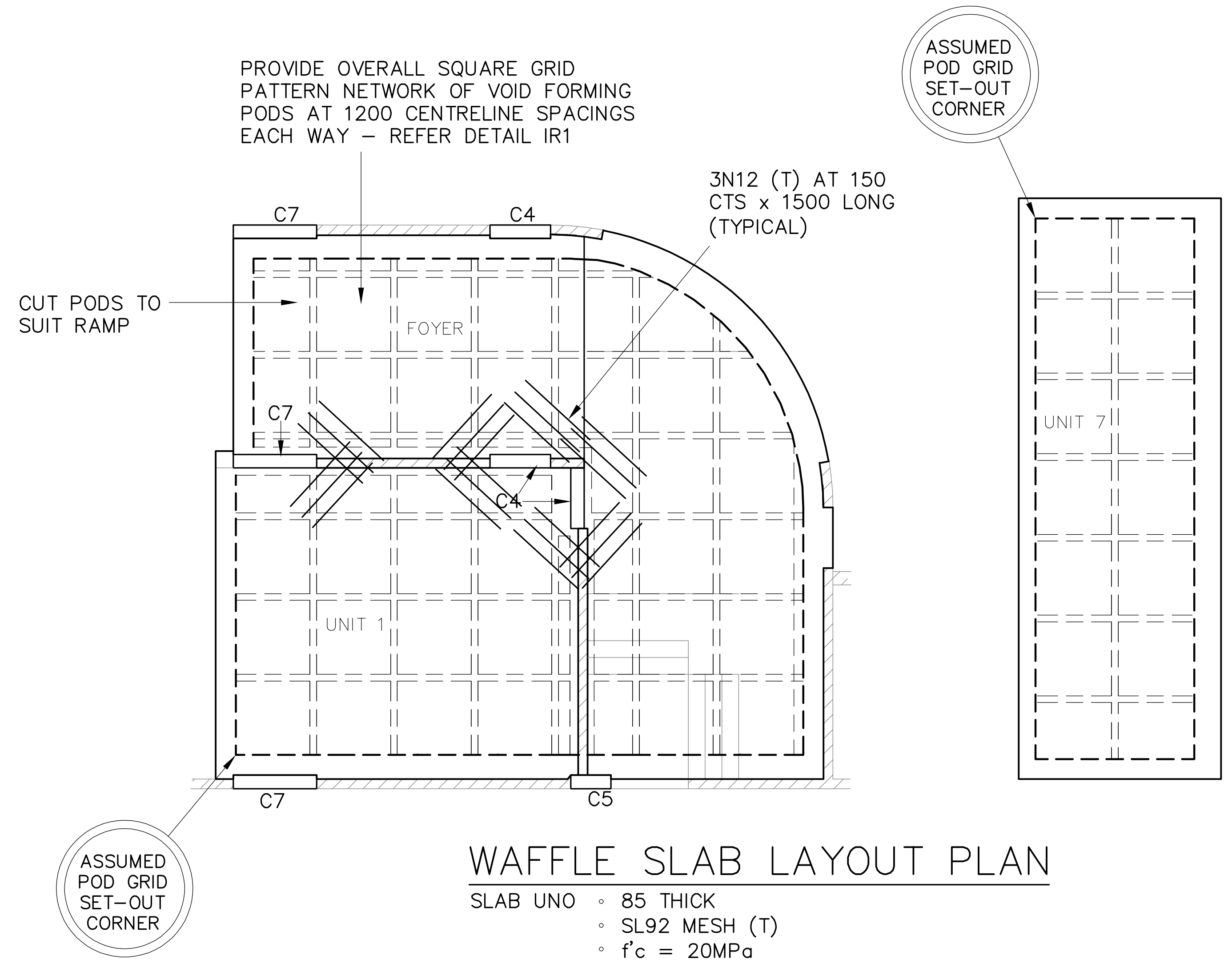


SAWCUT JOINT S.J.



SECTION GG

SCALE 1:20
(TYPICAL)



WAFFLE SLAB LAYOUT PLAN

SLAB UNO
- 85 THICK
- SL92 MESH (T)
- f'c = 20MPa

ANY FILL UNDER PODS TO BE ROLLED FILL – REFER ROLLED FILL NOTE IN GENERAL NOTES

Issue:	Description:	Dwn:	Date:

Project: PROPOSED UNIT DEVELOPMENT at *

Title: FOOTINGS & WAFFLE SLAB PLAN

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1:100 A2 1:140 A3	JM	3/6/16	JM	A

Job No: 16***
Sheet No: 1
Number In Set: 7

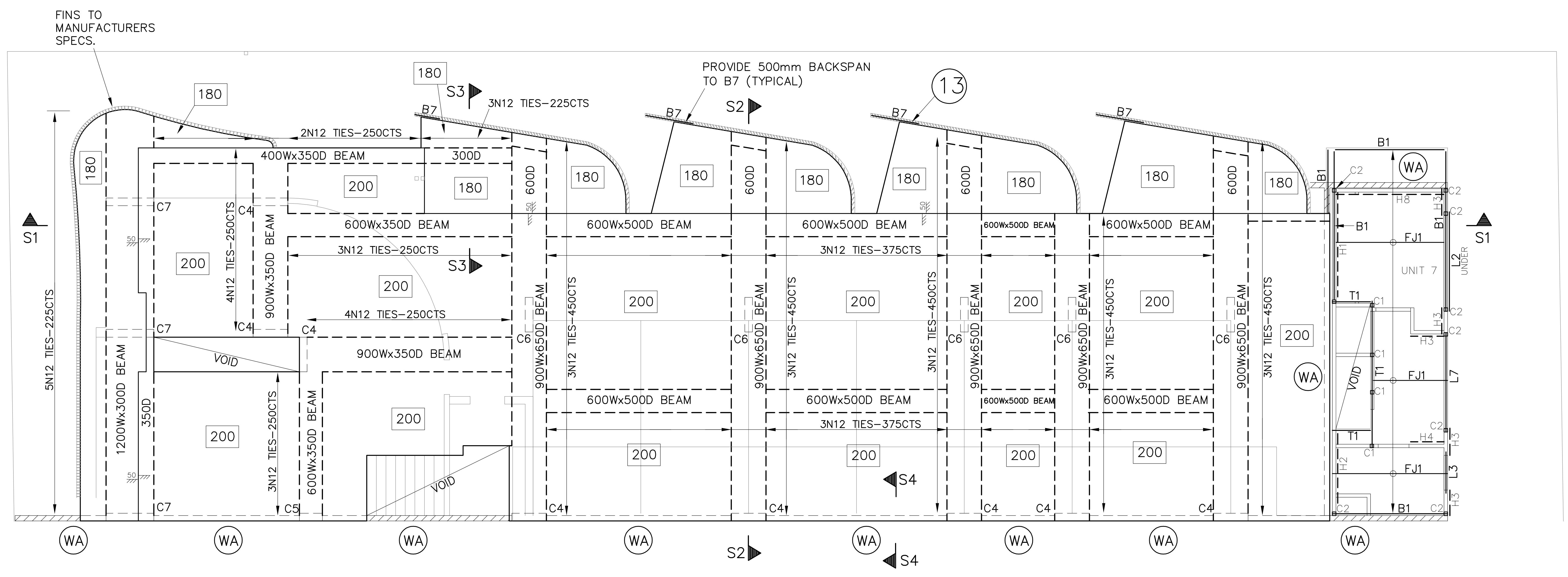
FRAMING SCHEDULE

MARK	SIZE/GRADE
FJ1	SJ30040 SMARTFRAME @ 450 CTS OR HJ30045 HYJOIST @ 450 CTS OR 300 DEEP POSI-JOISTS @ 450 CTS OR FT300 PRYDA LONGREACH @ 450 CTS
B1	2/300 x 45 LVL 13
B2	2/300 x 58 LVL 15
B3	200PFC
B4	125PFC
B5	250UB25.7
B6	200PFC
B7	75 x 50 x 8 UA
T1	300 x 45 LVL 13 TRIMMER
L1	90 x 45 MGP10
L2	120 x 45 MGP10
L3	140 x 45 F17
L4	190 x 45 F17
L5	240 x 45 F17 OR LVL 13
L6	300 x 45 LVL 13
L7	2/300 x 45 LVL 13
C1	2/90 x 45 MGP10 STUDS
C2	2/90 x 45 F17 STUDS
C3	3/90 x 45 F17 STUDS
C4	900 x 200 REINFORCED CONCRETE COLUMN – REFER SECTION
C5	600 x 200 REINFORCED CONCRETE COLUMN – REFER SECTION
C6	900 x 250 REINFORCED CONCRETE COLUMN – REFER SECTION
C7	1200 x 200 REINFORCED CONCRETE COLUMN – REFER SECTION
C8	89 x 89 x 5 SHS

NB: SIZES SHOWN ARE MINIMUM ONLY. EQUIVALENT SIZES MAY BE USED
REFER MANUFACTURER FOR PROPRIETARY PRODUCT SPECIFICATIONS

REFER ATTACHED SHEET FOR WALL BRACING TYPES/ALTERNATIVES AND FIXING DETAILS

BRACING
- H1 TYPE 1 BRACING UNIT 2700mm MIN. LENGTH
- H2 TYPE 1 BRACING UNIT 1800mm MIN. LENGTH
- H3 TYPE 3 METHOD B BRACING UNIT 600mm MIN. LENGTH
- H4 TYPE 3 METHOD B BRACING UNIT 900mm MIN. LENGTH
- H5 TYPE 3 METHOD B BRACING UNIT 5100mm MIN. LENGTH
- H6 TYPE 3 METHOD B BRACING UNIT 1300mm MIN. LENGTH
- H7 TYPE 3 METHOD B BRACING UNIT 1900mm MIN. LENGTH
- H8 TYPE 3 METHOD B BRACING UNIT 2800mm MIN. LENGTH



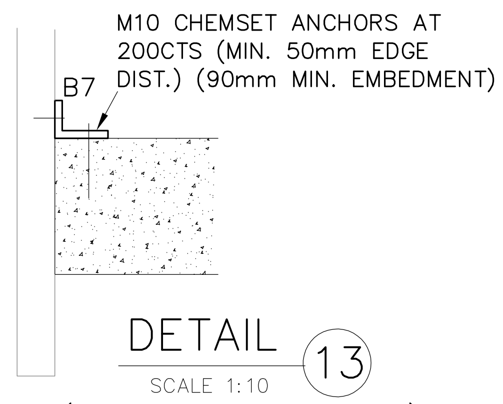
FIRST FLOOR SLAB & FRAMING LAYOUT PLAN

SLAB U.N.O.
- 40MPa CONCRETE
- SLAB THICKNESS DENOTED EG: 200
- BEAM LIGS EG: 3N12 TIES = 3 VERTICAL N12 LEGS

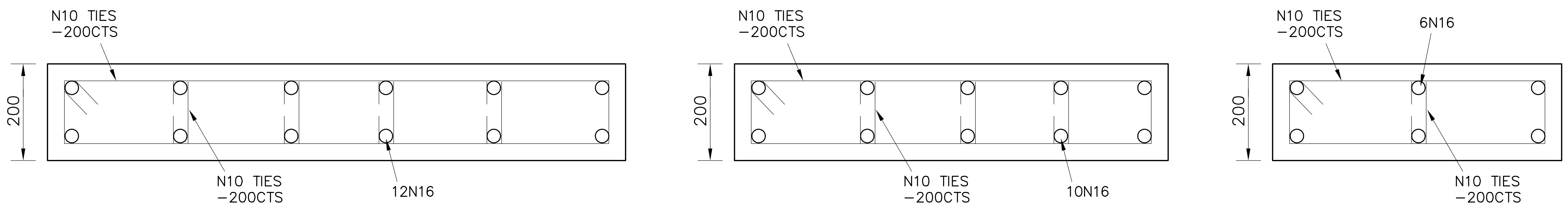
FIRST FLOOR REINFORCED CONCRETE SLAB AND COLUMNS ACHIEVE AT LEAST A 120/120/120 FRL

NO COREHOLES ALLOWED THROUGH BEAMS. PENETRATIONS ARE TO BE THROUGH SLABS ONLY

ALL GROUND FLOOR WALL FRAMING TO BE 90x45 MGP10 STUDS AT 450CTS WITH 2/45x90 MGP10 LOAD–BEARING TOP PLATE AND 45x90 MGP10 LOAD–BEARING BTM PLATE. PROVIDE 2/90x45 MGP10 STUDS UNDER ALL BEAMS, GIRDER TRUSSES AND LINTELS. PROVIDE TIE–DOWN TO ALL FRAMING MEMBERS IN ACCORDANCE WITH AS1684.2



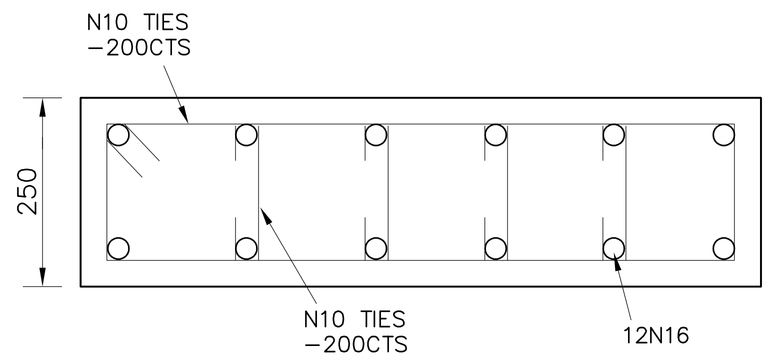
DETAIL 13
SCALE 1:10
(TYPICAL B7 CONNECTION)



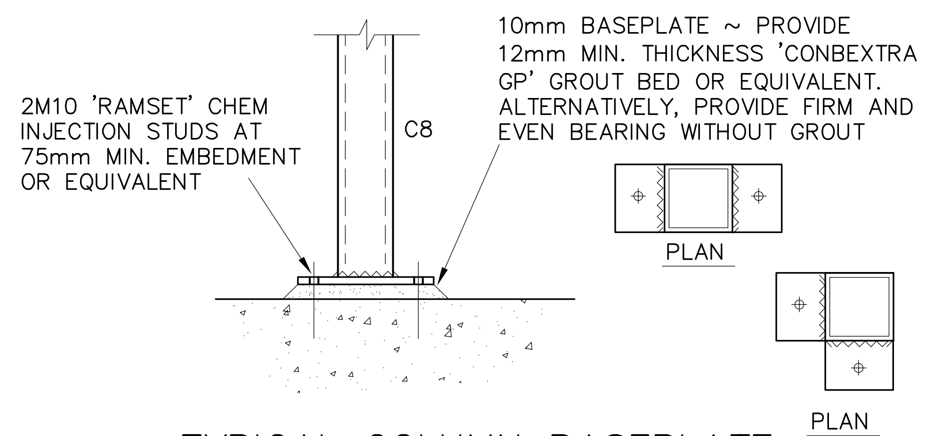
C7 SECTION

C4 SECTION

C5 SECTION



C6 SECTION



TYPICAL COLUMN BASEPLATE
SCALE 1:10

Issue:	Description:	Dwn:	Date:

Project: PROPOSED UNIT DEVELOPMENT at

Title: FF SLAB LAYOUT

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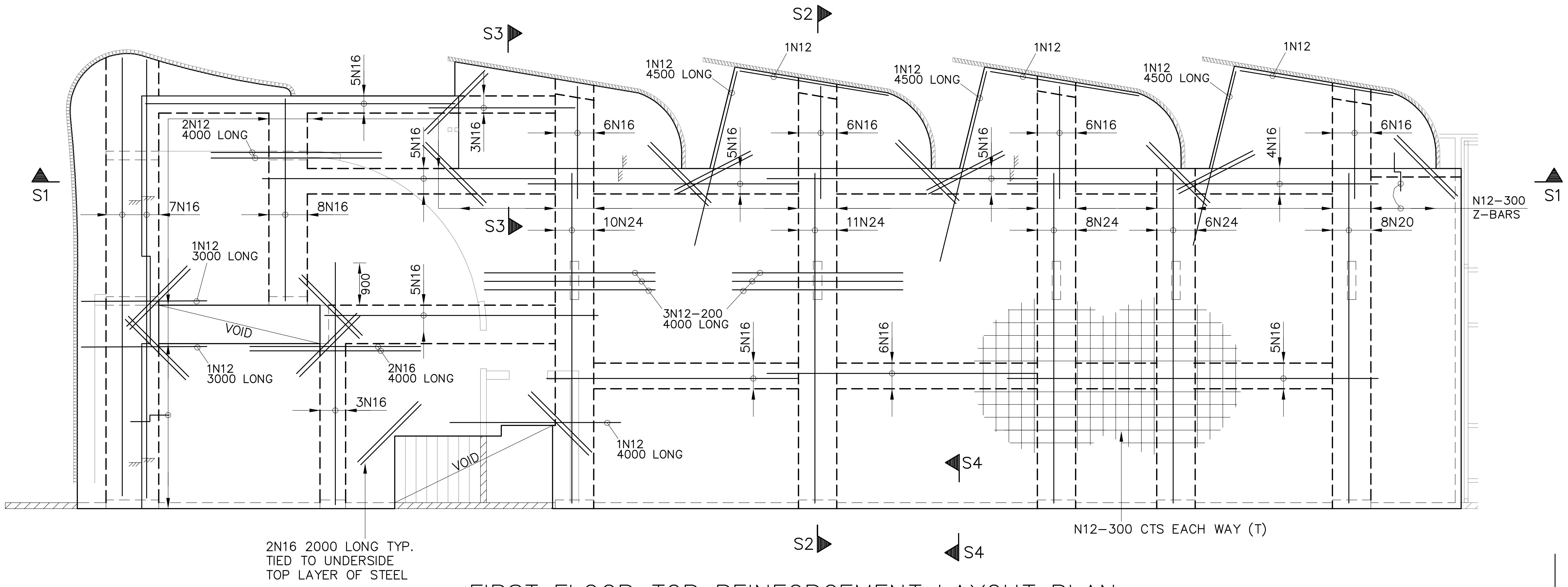
Job No: 16***
Sheet No: 3
Number In Set: 7

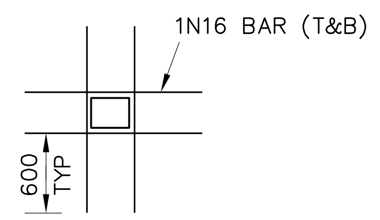


FIRST FLOOR TOP REINFORCEMENT LAYOUT PLAN

SLAB U.N.O. • N12-300 CTS EACH WAY (T)
• ADDITIONAL 'N' BARS AS NOTED
• 20 INTERNAL COVER, 30 EXT. COVER
• 1N12 PERIMETER BAR (EXCL. BEAMS)

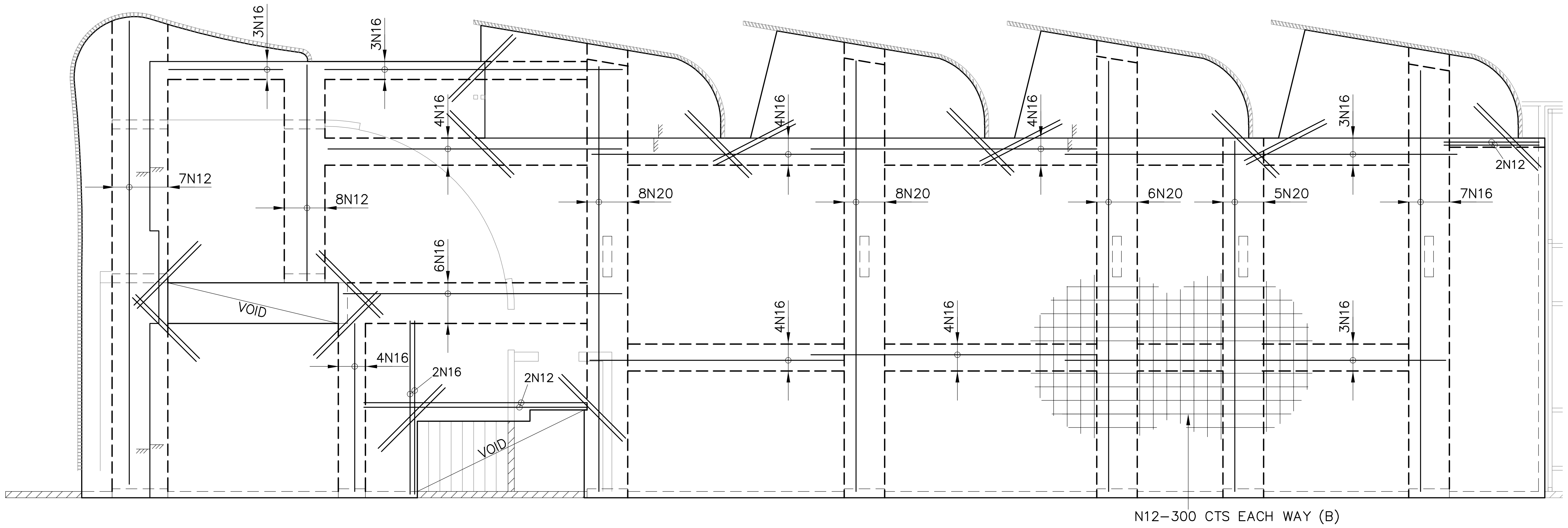
NO COREHOLES ALLOWED THROUGH BEAMS. PENETRATIONS ARE TO BE THROUGH SLABS ONLY

N



TYPICAL VOID REO

(MAX. 300x300 VOID ALLOWABLE)



FIRST FLOOR BTM REINFORCEMENT LAYOUT PLAN

SLAB U.N.O. • N12-300CTS EACH WAY (B)
• ADDITIONAL 'N' BARS AS NOTED
• 25 INTERNAL COVER, 30 EXT. COVER
• 1N12 PERIMETER BAR (EXCL. BEAMS)

NO COREHOLES ALLOWED THROUGH BEAMS. PENETRATIONS ARE TO BE THROUGH SLABS ONLY

Issue:	Description:	Dwn:	Date:

Project: PROPOSED UNIT DEVELOPMENT at *

Title: FF SLAB REINFORCEMENT

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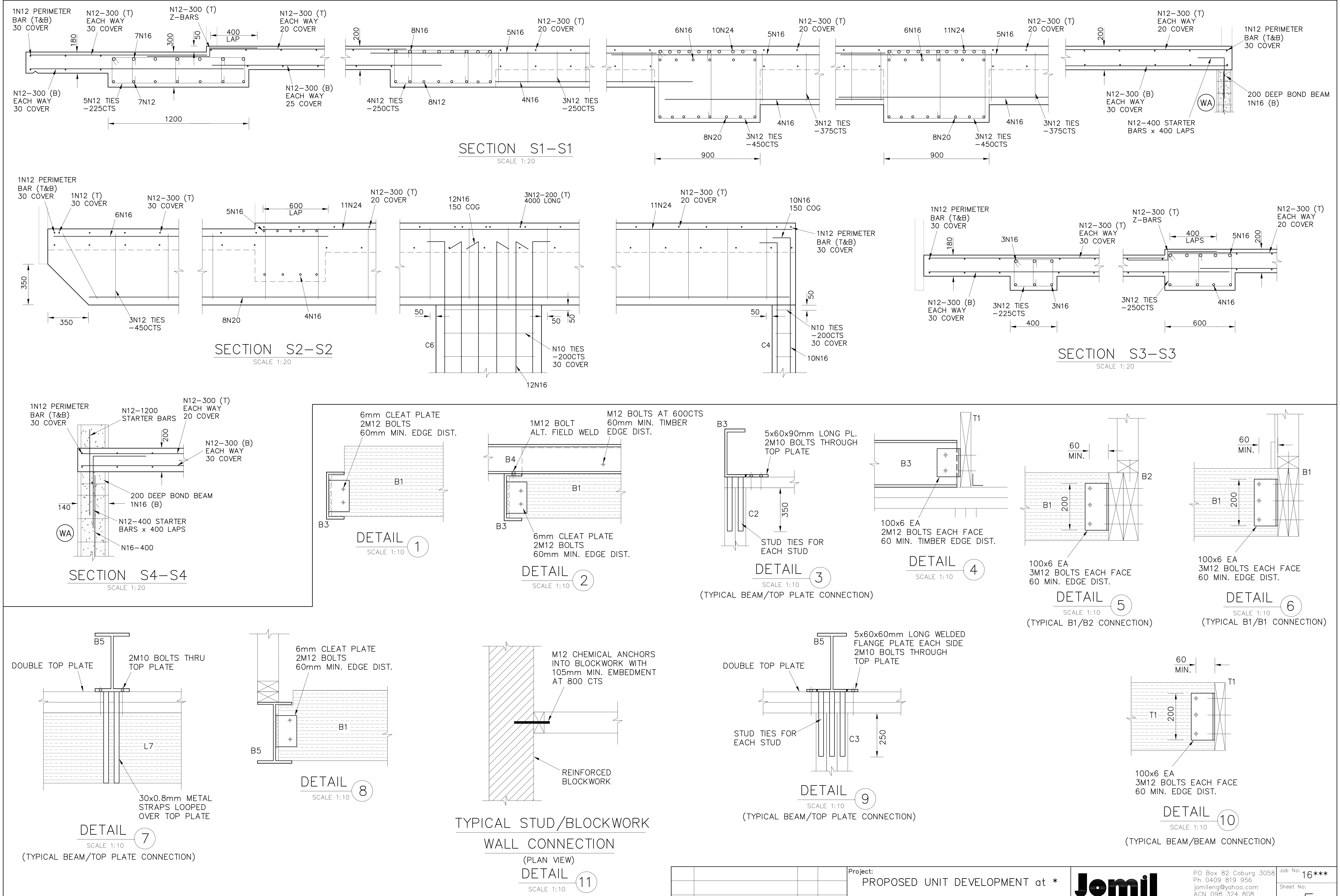
Job No: 16*
Sheet No: 4
Number In Set: 7



Issue:	Description:	Dwn:	Date:

Project: PROPOSED UNIT DEVELOPMENT at *

Title: FF SLAB & FOOTINGS DETAILS

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Job No: 16***

Sheet No: 5

Number In Set: 7