GENERAL NOTES

GENERAL NOTES :

G1. This drawing shall be read in conjunction with the architectural plans and specifications.
G2. The builders is to check and be responsible for the correctness of all dimension and any discrepancy is to be reported. Do not scale drawings.
G3. Stability of the building during construction and all excavations in the vicinity of neighbouring buildings is the sole responsibility of the builder.
G4. All workmanship and materials are to be in accordance with current S.A. codes BCA and local council requirement.
G5. Design Live Loads are follows.
Roof Load 0.25 kPa
Floor Load 1.50 kPa Deck / Balcony Load 2.00 kPa
G6. Plans which have been stamped and approved by building surveyor or relevant authority shall be used for construction.
G7. Omega project services is not responsible for the professional indemnity insurance for design of pool.

STEEL :

S1. All steel work shall be in accordance with AS4100.
S2. Welding shall be minimum 6mm Continuous Fillet Weld (Category SP) E41XX/W40X or Complete Penetration Butt Weld (Category SP) except at toes of rolled steel sections where they shall be maximum size permitted by the welding code. All butt welding to develop the full strength of minimum member connected. U.N.O.
S3. Bolts shall be mild steel in 2.0mm clerance holes. Where High Strength Structural Bolts (i.e.8.8/S) are specified they shall be in accordance with AS/NZS1252 and tightened by an approved method.
S4. Steelwork shall be given one shop coat of primer except that none shall be applied at contact surface where 8.8/S bolts are used.
S5. The fabricator shall submit shop detail drawings to the engineer for approval of connection before commencing fabrication. These shall be in accordance with the publications from Australian Steel Institute (ASI).
S6. The fabricator shall provides all cleats and holes for the connection of purlins, girts brick ties, etc. Braces and ties shall have true intersection.
S7. Ties and braces shall be connected to 10mm gusset plates with 2-12mm Ø bolts each end.
S8. Steel work below floor level shall be encased 75mm minimum in concrete.
S9. Column shall be bedded on 1 1 cement grout after plumbing and leveling on steel packers.
S10. Members bent during fabrication, transport or handling will not be accepted.
S11. Provide sag rods and / or struts to manufacturer's rec, to purlins and girts.
S12. Steelwork where concrete encased shall be wrapped with SL62 mesh and have 50mm cover.
S13. Steel work to be protected at exposed areas as per BCA, clause 3.4.4.2. Refer to BCA for corrosion specifications. U.N.O.
S14. Steel lintels to have a minimum end bearing of 230mm. U.N.O.
S15. The grade of Open Section shall be Grade 300 and Hollow Section Grade 450 as a minimum.

TIMBER

T1. All timber shall be dry, i.e. less than 15% moisture content at the time of construction and shall be protected and / or treated as noted.
T2. All timber used shall comply with AS1720 and AS1684 and shall be T2. U.N.O.
T3. All timber fixing and bracing as per AS1684.
T4. Builder to confirm if timber requires termite protection.

CONCRETE :

C1. Concrete quality as per AS3600 shall be as follows re. 28 days type testing
F'c = 25MPa maximum slump 75mm and maximum aggregate size of 20mm. U.N.O.
C2. Concrete cover to all reinforcement (finishes not include)

Element	Sheltered	Exposed	No-Form
Slabs & Walls	20mm	30mm	65mm
Beams	25mm	40mm	65mm
Columns	40mm	50mm	75mm
Footing	--	65mm	75mm

C3. Bar and Mesh designations
Ø - Structural grade round bar to AS1302
N - Structural grade deformed bar to AS1302
H - Hard grade deformed bar to AS1302
CW - Cold Worked deformed bar to AS1302
F - Fabric to AS1303 and AS1304
C4. All concrete shall be mechanically vibrated and the vibrator shall not be used to vibrate the forms nor shall it be used to spread concrete.
C5. Depth of beam is given first and includes slab thickness not including any finishes that may be applied.
C6. Splices in reinforcement shall be sufficient to develop the full strength of the reinforcement without displacement from structural location. Laps to fabric shall br two transverse wires plus 100mm.
C7. Reinforcement shall be accurately and firmly fixed in position shown to give support and cover specified during all operations of pouring, etc.
C8. Conduits, pipes, etc., must not be placed in concrete cover and no holes other than those shown on the drawings shall be permitted.
C9. Form work shall remain in position for a min. 14 days and where slabs and beams are to support brickwork over, form work shall remain up to min. 28 days and then props must be removed prior to commencement of this brick work.
C10. Concrete must be cured for 7 days using water pounding wet sand pr otherwise approved methods of adequate curing unless noted otherwise.
C11. Wheelbarrow or pump pipes must be supported directly from the form work.
C12. Additives must not be added to concrete with out the engineer's approval.
C13. Field welding of reinforcement is only permitted where shown on the drawings or otherwise approved.
C14. Load-bearing brickwork shall be separated from concrete by the using of Malthoid or similar.

PREPARATION OF SUB-BASE FOR SLABS ON GROUND

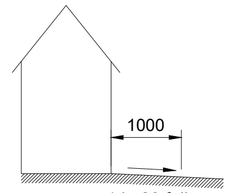
P1. All preparation of sub-base of slabs on ground to be in accordance with AS2870.
P2. Clear area under slab of all top soil containing humus and vegetable matter 100mm minimum.
P3. Provide fill under slab where required to produce finished levels as shown on plans. All fill shall be imported and conform R.C.A. standard specification for Class 3 crushed rock (20mm nominated size).
Fill to be compacted in 150mm maximum layers to 95% of the modifies max dry density (M.M.D.D.) when tested in accordance with AS1289.
P4. The upper layer of the cut surface shall be within 85% to 115% of optimum moisture content and to be properly compacted to 95% M.M.D.D..
P5. A 50mm minimum base course of packing sand shall be spread over the sub-base and to the thoroughly rolled and compacted to a smooth level surface. The sand shall be moistened prior to the placement of a 0.2mm polythene membrane in 3600mm minimum wide sheets lapped 150mm and jointed with 75mm wide pressure sensitive tape. The tape shall be laid under all slabs and walls in contact with the ground.
P6. The total fill beneath the slab panels shall be in accordance with Geotechnical Report or less than 300MM, i.e. the sum of existing fill plus any new filling placed together as per Geotechnical Report or must not exceed 300mm as a maximum. Fill to be located as per clause 6.4.2 AS2870.

INSPECTIONS :

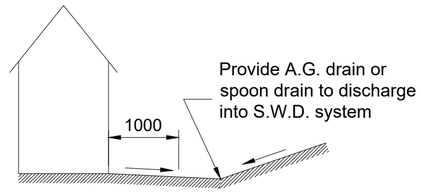
No responsibilities shall be taken unless the work is inspected and approved during construction. All inspections required shall be confirmed 72 hours in advance of time required.

SITE DRAINAGE :

Site should be drained sp that water cannot pond against or near the building. The ground immediately adjacent to the building should be graded to fall 50mm over the first meter. Where this is impracticable (i.e. on several sloping sites) use A.G. drains adjacent to footing where ground falls towards the building. (Refer to detail below). Good drainage and paving around house is recommended to ensure long term performance of building. All dimensions shown below are minimum or as per Geotechnical Report, whichever is GERATER.



Soll Sloping Away Building



Soll Sloping Toward Building

SR.NO.	DESCRIPTION	DOC / DRAWING NO.
REFERENCE DOCUMENT / DRAWINGS		

REV. NO.	DESCRIPTION	DRAWN	CHKD.	APPVD.	DATE
0	ISSUE FOR APPROVAL	MS	SAL	SAL	10-02-2021

CLIENT/PROJECT:
PAUL & CINDY REEDY

Omega Project Services
Structural - Hydraulics - Project Management

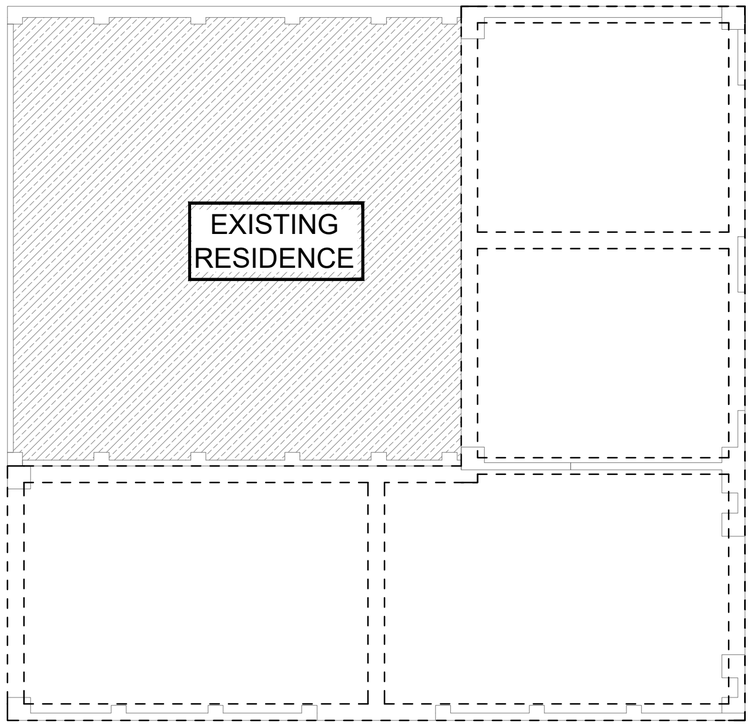
CLIENT PROJECT NO.: 0000
PR SR PROJECT NO.: 342-SR

PROJECT:
43 WARRABA ROAD, NARRABEEN

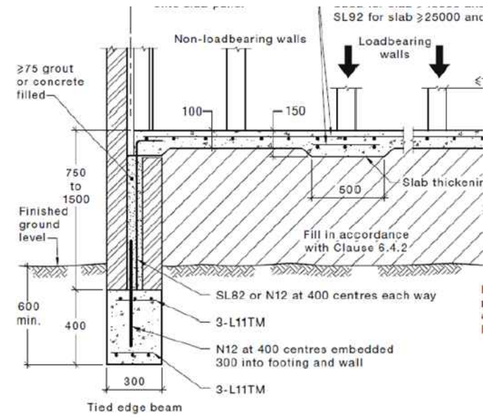
TITLE:
GENERAL NOTES

DRAWING NUMBER: **342-DR-SR-1**
REV. 0

DRAWN	CHECKED	APPROVED	SCALE	SHEET SIZE	DATE	SHEET
MS	SAL	SAL	AS SHOWN	A3	09-02-2021	01 OF 09



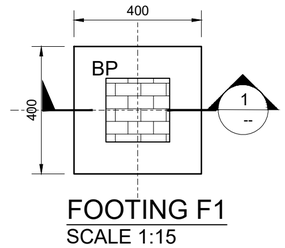
FOUNDATION/LEVEL-1 LAYOUT PLAN
SCALE - 1:125



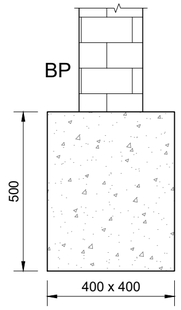
TIED EDGE BEAM DETAIL FOR ELEVATED FLOOR

FOOTING BEAM SCHEDULE

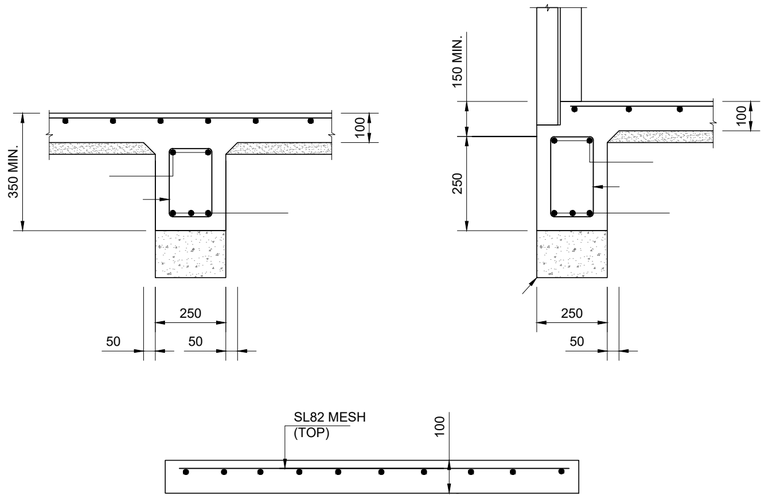
FOOTING BEAM	EB1	IB1
WIDTH (mm)	250	200
FOOTING DEPTH (mm) MIN.	350	250
FOUNDATION DEPTH (mm) MIN.	REFER TO DETAIL	REFER TO DETAIL
REINFORCEMENT	REFER TO DETAIL	REFER TO DETAIL



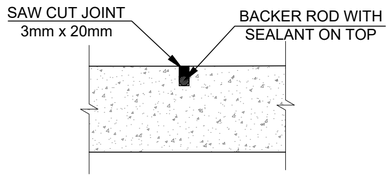
FOOTING F1
SCALE 1:15

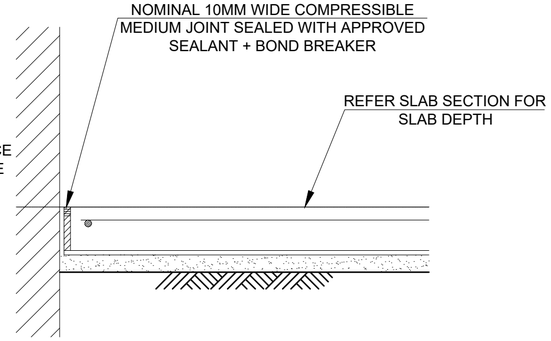


SECTION 1-1
SCALE 1:15



SLAB ON GROUND/GRADE DETAILS





Notes:
-Foundation slab and beams shall be placed on Dense/Stiff soil natural soil .Builder to confirm at site.
-Contraction joint to be provided at each 6 metrers spacing.

SR.NO.	DESCRIPTION	DOC / DRAWING NO.
	REFERENCE DOCUMENT / DRAWINGS	

REV. NO.	DESCRIPTION	DRAWN	CHKD.	APPVD.	DATE
0	ISSUE FOR APPROVAL	MS	SAL	SAL	10-02-2021

CLIENT/PROJECT:
PAUL & CINDY REEDY

Omega Project Services
Structural - Hydraulics - Project Management

CLIENT PROJECT NO.
0000
PR SR PROJECT NO.
342-SR

PROJECT:
43 WARRABA ROAD, NARRABEEN

TITLE:
FOUNDATION LAYOUT PLAN

DRAWING NUMBER: 342-DR-SR-1
REV. 0

DRAWN	CHECKED	APPROVED	SCALE	SHEET SIZE	DATE	SHEET
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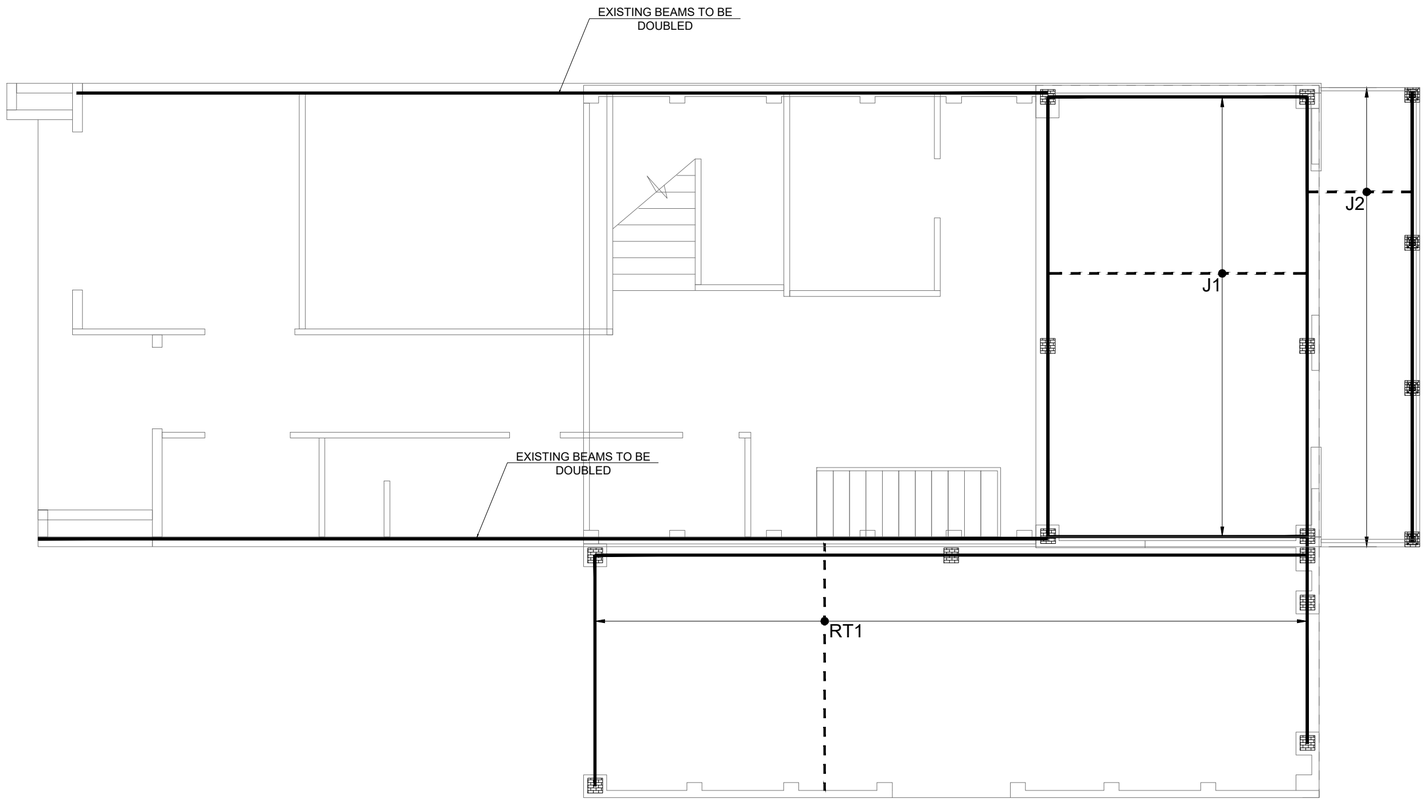


LEVEL-2 FLOOR PLAN
SCALE - 1:125

BEAM SCHEDULE

BEAM MARK	BEAM SIZE
B1	2-300 x 45 LVL19
B2	2-190 x 45 LVL19
B3	2-240 x 45 LVL19
B4	2-190 x 45 LVL19
B5	2-240 x 45 LVL19
B6	2-190 x 45 LVL19
B7	2-190 x 45 LVL19

JOIST SCHEDULE

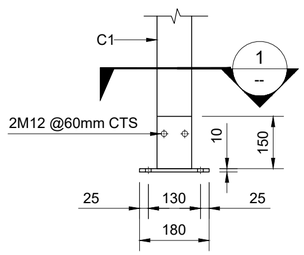
JOIST MARK	JOIST SIZE
J1	190 x 45 LVL19 JOIST @ 450 CTS
J2	140 x 45 LVL19 JOIST @ 450 CTS

ROOF TRUSS SCHEDULE

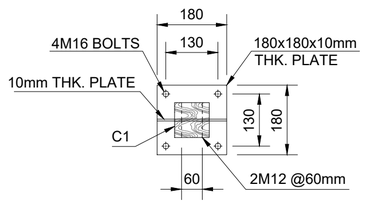
TRUSS MARK	TRUSS SIZE
RT1	ROOF TRUSS AS PER MANUFACTURER

COLUMN SCHEDULE

COLUMN MARK	COLUMN SIZE
C1	90 x 90 MGP10 POST



TYPICAL COLUMN C1 CONNECTION DETAIL
SCALE 1:15



SECTION 1-1
SCALE 1:15

SR.NO.	DESCRIPTION	DOC / DRAWING NO.
	REFERENCE DOCUMENT / DRAWINGS	

REV. NO.	DESCRIPTION	DRAWN	CHKD.	APPVD.	DATE
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CLIENT/PROJECT:

PAUL & CINDY REEDY

Omega Project Services
Structural - Hydraulics - Project Management

CLIENT PROJECT NO.: 0000

PR SR PROJECT NO.: 342-SR

PROJECT: 43 WARRABA ROAD, NARRABEEN

TITLE: LEVEL 2 FRAMING LAYOUT PLAN

DRAWING NUMBER:	REV.
342-DR-SR-1	0

DRAWN	CHECKED	APPROVED	SCALE	SHEET SIZE	DATE	SHEET
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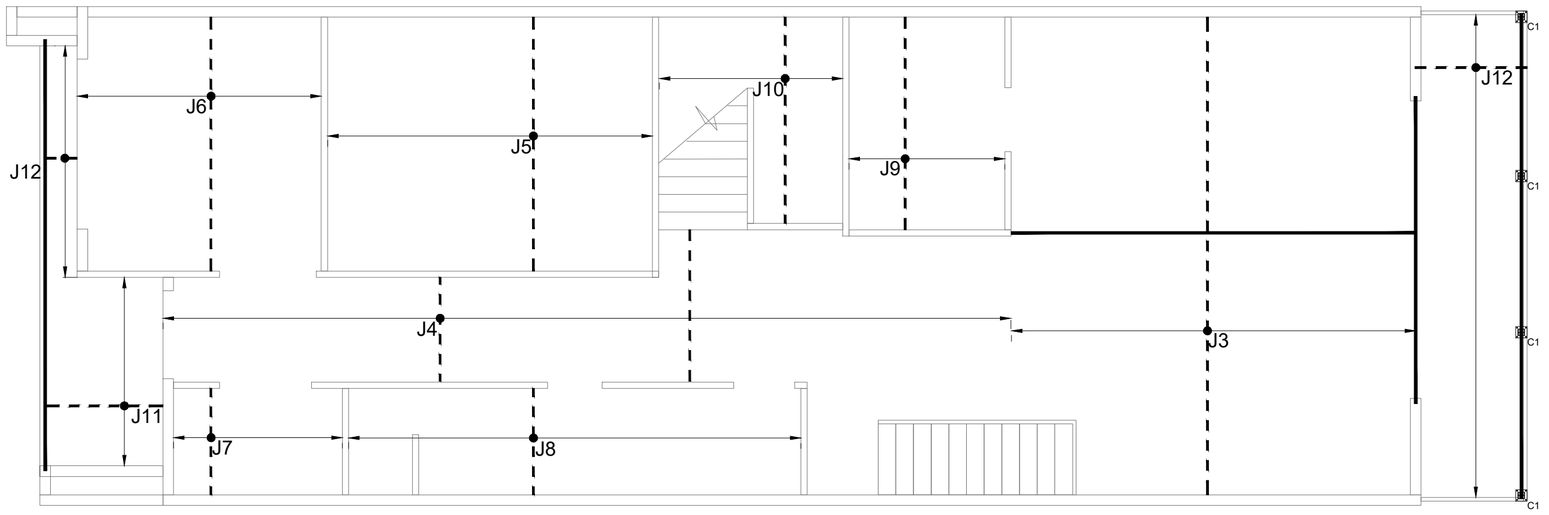

LEVEL-3 FLOOR PLAN

SCALE - 1:125

BEAM SCHEDULE

BEAM MARK	BEAM SIZE
B8	360 x 65 LVL19
B9	360 x 65 LVL19
B10	2-190 x 45 LVL19
B11	2-300 x 45 LVL19

JOIST SCHEDULE

JOIST MARK	JOIST SIZE
J3	190 x 45 LVL19 JOIST @ 450 CTS
J4	140 x 45 LVL19 JOIST @ 450 CTS
J5	190 x 45 LVL19 JOIST @ 450 CTS
J6	190 x 45 LVL19 JOIST @ 450 CTS
J7	140 x 45 LVL19 JOIST @ 450 CTS
J8	140 x 45 LVL19 JOIST @ 450 CTS
J9	190 x 45 LVL19 JOIST @ 450 CTS
J10	190 x 45 LVL19 JOIST @ 450 CTS
J11	140 x 45 LVL19 JOIST @ 450 CTS
J12	140 x 45 LVL19 JOIST @ 450 CTS

SR.NO.	DESCRIPTION	DOC / DRAWING NO.
REFERENCE DOCUMENT / DRAWINGS		

REV. NO.	DESCRIPTION	DRAWN	CHKD.	APPVD.	DATE
0	ISSUE FOR APPROVAL	MS	SAL	SAL	10-02-2021

CLIENT/PROJECT:

PAUL & CINDY REEDY

Omega Project Services
Structural - Hydraulics - Project Management

CLIENT PROJECT NO.	0000
PR SR PROJECT NO.	342-SR

PROJECT:

43 WARRABA ROAD, NARRABEEN

TITLE:

LEVEL 3 FRAMING LAYOUT PLAN

DRAWING NUMBER:	REV.
342-DR-SR-1	0

DRAWN	CHECKED	APPROVED	SCALE	SHEET SIZE	DATE	SHEET
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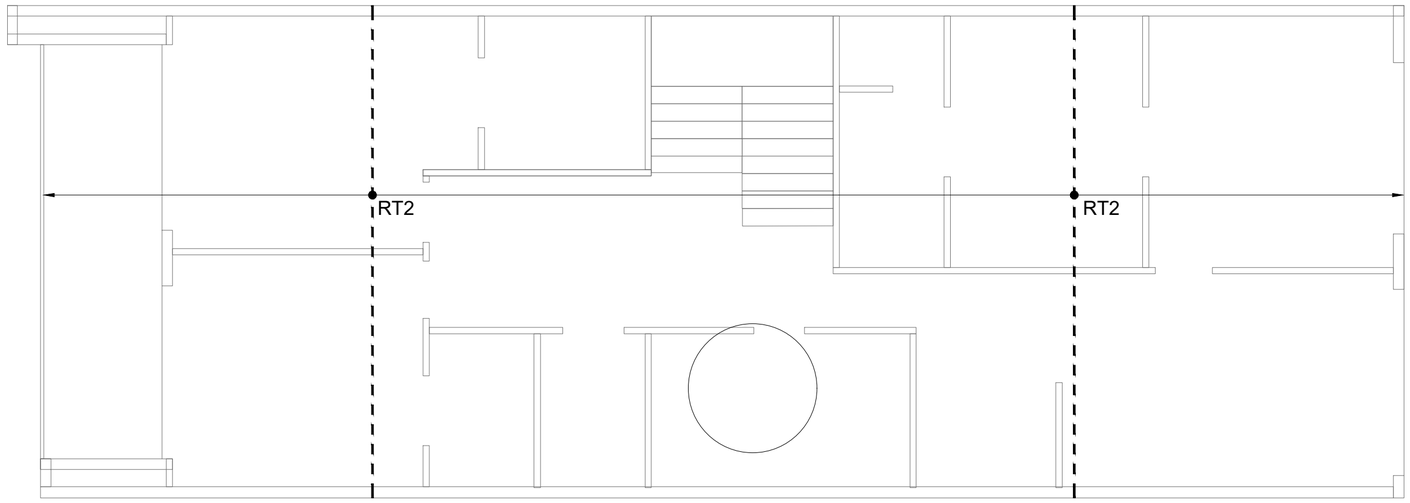

ROOF FLOOR PLAN

SCALE - 1:125

ROOF TRUSS SCHEDULE

TRUSS MARK	TRUSS SIZE
RT2	ROOF TRUSS AS PER MANUFACTURER

SR.NO.	DESCRIPTION	DOC / DRAWING NO.
	REFERENCE DOCUMENT / DRAWINGS	

REV. NO.	DESCRIPTION	DRAWN	CHKD.	APPVD.	DATE
0	ISSUE FOR APPROVAL	MS	SAL	SAL	10-02-2021

CLIENT/PROJECT:

PAUL & CINDY REEDY

Omega Project Services
Structural - Hydraulics - Project Management

CLIENT PROJECT NO.: 0000

PR SR PROJECT NO.: 342-SR

PROJECT: **43 WARRABA ROAD, NARRABEEN**

TITLE: **ROOF LAYOUT PLAN**

DRAWING NUMBER:	REV.
342-DR-SR-1	0

DRAWN	CHECKED	APPROVED	SCALE	SHEET SIZE	DATE	SHEET
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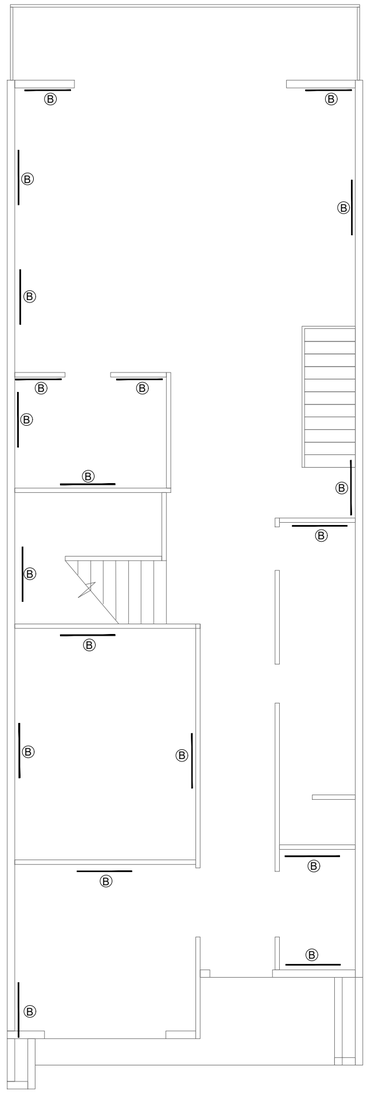
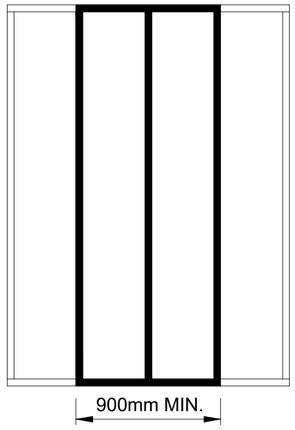




MAX. FASTENER SPACING (mm)	
TOP & BOTTOM PLATE	40
VERTICAL EDGES	100
INTERMEDIATE STUDS	250
NOGGING	40

FIXING OF BOTTOM PLATE TO FLOOR FRAME OR SLAB

A 13kN CAPACITY CONNECTION OF EACH END AND INTERMEDIATELY AT MAX. 1200mm CENTERS.

MIN. PLYWOOD THICKNESS (mm)		
STRESS GRADE	STUD SPACING (mm)	
	450	600
F8	7	9
F11	6	7
F14	4	6
F27	4	4.5

PANEL PLYWOOD BRACING

PLYWOOD SHALL BE NAILED TO FRAME USING 30 x 2.8mm Ø GALVANIZED FLAT-HEAD NAILS OR EQUIVALENT.
SHEATED PANELS SHALL BE CONNECTED TO SUBFLOOR.
SHEATING SHALL BE NAILED TO TOP AND BOTTOM PLATES AND ANY HORIZONTAL JOINTS AT 50mm CENTERS.
SHOWN IN SPECIFIC CONDITIONS ONLY. ALL OTHER BRACING TO BE IN ACCORDANCE WITH AS 1684.
HOOP IRON STRAP FIX BOTTOM PLATE TO FLOOR JOIST AT 900 CENTERS AND AT ENDS.
FIZ BOTTOM PLATE TO CONCRETE SLAB WITH M10 TRU-BOLTS AT 900 CTS AND AT ENDS.

NOTES.

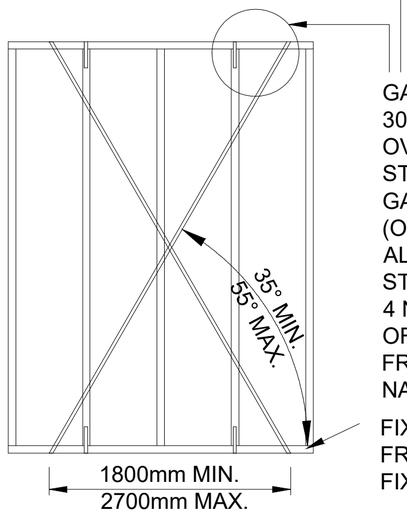
1. FOR SHORT WALL BRACING SEE TABLE 8.18 AS 1684.2-2006.
2. FOR POWER DRIVEN NAILS & STAPLES SEE CLAUSE 4.9.5(c).
3. PANEL EDGES SHALL BE SUPPORTED BY STUDS.
4. NOGGINGS HAVE BEEN OMITTED FOR CLARITY.
5. REFER AS 1684 FOR PANEL CONNECTION DETAILS.
6. FOR PLYWOOD FIXED YO BOTH SIDES OF THE WALL, SEE CLAUSES 8.3.6.5 & 8.3.6.10 AS 1684.2-2006.

TYPE B BRACING
PANEL OF STRUCTURAL PLYWOOD (TYPICAL)

BRACING LEGEND

TYPE	DESCRIPTION
A	METAL STRAP BRACING
B	PLYWOOD BRACING

M12 THREADED ROD AS SPECIFIED
. Either side of Bracing panels
. Either side of Opening
. At 1200 cnrs.



GALVANIZED METAL STRAP 30mm x 0.8mm LOOPED OVER TOP PLATE AND FIXED TO STUD WITH 4 / 30 x 2.8mm Ø GALVANIZED FLAT-HEAD NAILS (OR EQUIVALENT) TO EACH END. ALTERNATIVELY, PROVIDE SINGLE STRAPS TO BOTH SIDES, WITH 4 NAILS EACH STRAP END, OR EQUIVALENT PROPRIETARY FRAMING ANCHORS OR OTHER NAIL PLATE FASTENERS.

FIX BOTTOM PLATE TO FLOOR FRAME OR SLAB WITH NORMAL FIXING REQUIREMENT.

FIXED TO STUDS WITH ONE 30 x 2.8mm Ø GALVANIZED FLAT-HEAD NAILS (OR EQUIVALENT) AND TO PLATES WITH 4 / 30 x 2.8mm Ø GALVANIZED FLAT-HEAD NAILS OR ALTERNATIVE METAL STRAP, FIXED AS ABOVE WITH A NET SECTIONAL AREA NOT LESS THAN 21 (SQ.mm)

NOTES.

1. NOGGINGS OMITTED FOR CLARITY.
2. REFER AS 1684 FOR STRAP CONNECTION DETAILS.

TYPE A BRACING
PAIR OF DIAGONAL METAL TENSION STRAP (TYPICAL)

SR.NO.	DESCRIPTION	DOC / DRAWING NO.
	REFERENCE DOCUMENT / DRAWINGS	

REV. NO.	DESCRIPTION	DRAWN	CHKD.	APPVD.	DATE
0	ISSUE FOR APPROVAL	MS	SAL	SAL	10-02-2021

CLIENT/PROJECT:
PAUL & CINDY REEDY

Omega Project Services
Structural - Hydraulics - Project Management

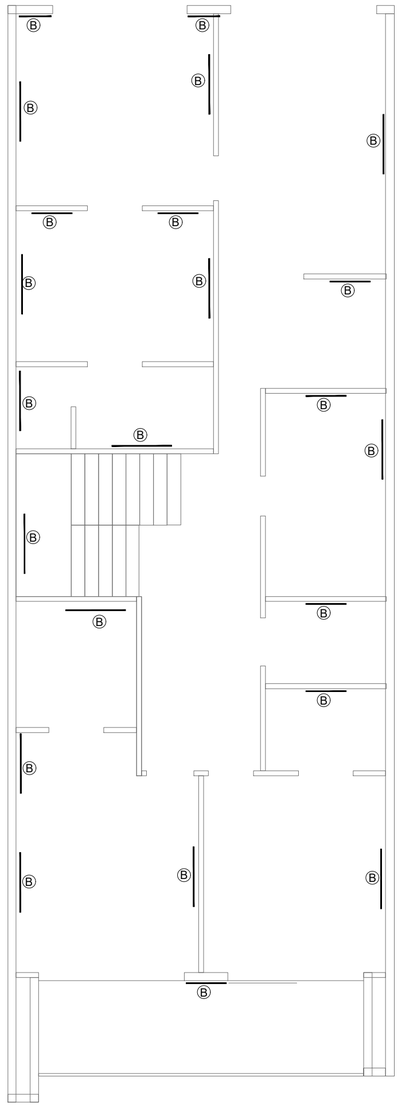
CLIENT PROJECT NO.: 0000
PR SR PROJECT NO.: 342-SR

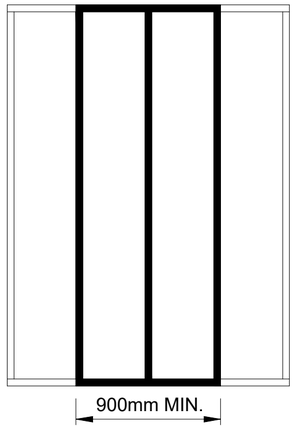
PROJECT: 43 WARRABA ROAD, NARRABEEN

TITLE: LEVEL 1 BRACING LAYOUT

DRAWING NUMBER: 342-DR-SR-1
REV. 0

DRAWN	CHECKED	APPROVED	SCALE	SHEET SIZE	DATE	SHEET
MS	SAL	SAL	AS SHOWN	A3	09-02-2021	06 OF 09





MAX. FASTENER SPACING (mm)	
TOP & BOTTOM PLATE	40
VERTICAL EDGES	100
INTERMEDIATE STUDS	250
NOGGING	40

FIXING OF BOTTOM PLATE TO FLOOR FRAME OR SLAB

A 13kN CAPACITY CONNECTION OF EACH END AND INTERMEDIATELY AT MAX. 1200mm CENTERS.

MIN. PLYWOOD THICKNESS (mm)		
STRESS GRADE	STUD SPACING (mm)	
	450	600
F8	7	9
F11	6	7
F14	4	6
F27	4	4.5

PANEL PLYWOOD BRACING

PLYWOOD SHALL BE NAILED TO FRAME USING 30 x 2.8mm Ø GALVANIZED FLAT-HEAD NAILS OR EQUIVALENT.
SHEATED PANELS SHALL BE CONNECTED TO SUBFLOOR.
SHEATING SHALL BE NAILED TO TOP AND BOTTOM PLATES AND ANY HORIZONTAL JOINTS AT 50mm CENTERS.
SHOWN IN SPECIFIC CONDITIONS ONLY. ALL OTHER BRACING TO BE IN ACCORDANCE WITH AS 1684.
HOOP IRON STRAP FIX BOTTOM PLATE TO FLOOR JOIST AT 900 CENTERS AND AT ENDS.
FIZ BOTTOM PLATE TO CONCRETE SLAB WITH M10 TRU-BOLTS AT 900 CTS AND AT ENDS.

NOTES.

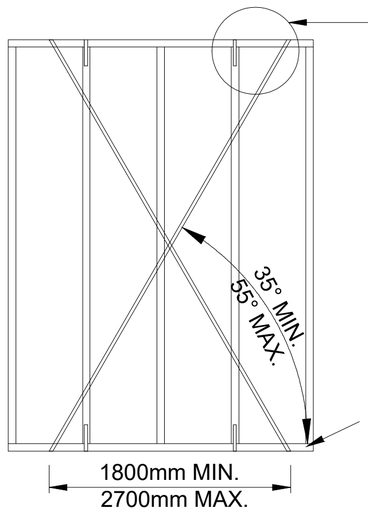
1. FOR SHORT WALL BRACING SEE TABLE 8.18 AS 1684.2-2006.
2. FOR POWER DRIVEN NAILS & STAPLES SEE CLAUSE 4.9.5(c).
3. PANEL EDGES SHALL BE SUPPORTED BY STUDS.
4. NOGGINGS HAVE BEEN OMITTED FOR CLARITY.
5. REFER AS 1684 FOR PANEL CONNECTION DETAILS.
6. FOR PLYWOOD FIXED YO BOTH SIDES OF THE WALL, SEE CLAUSES 8.3.6.5 & 8.3.6.10 AS 1684.2-2006.

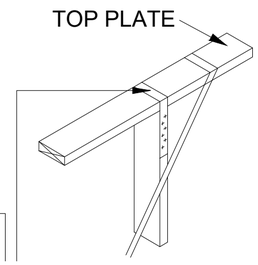
TYPE B BRACING
PANEL OF STRUCTURAL PLYWOOD (TYPICAL)

BRACING LEGEND

TYPE	DESCRIPTION
A	METAL STRAP BRACING
B	PLYWOOD BRACING

M12 THREADED ROD AS SPECIFIED
. Either side of Bracing panels
. Either side of Opening
. At 1200 cnrs.





GALVANIZED METAL STRAP 30mm x 0.8mm LOOPED OVER TOP PLATE AND FIXED TO STUD WITH 4 / 30 x 2.8mm Ø GALVANIZED FLAT-HEAD NAILS (OR EQUIVALENT) TO EACH END.
ALTERNATIVELY, PROVIDE SINGLE STRAPS TO BOTH SIDES, WITH 4 NAILS EACH STRAP END, OR EQUIVALENT PROPRIETARY FRAMING ANCHORS OR OTHER NAIL PLATE FASTENERS.

FIX BOTTOM PLATE TO FLOOR FRAME OR SLAB WITH NORMAL FIXING REQUIREMENT.

FIXED TO STUDS WITH ONE 30 x 2.8mm Ø GALVANIZED FLAT-HEAD NAILS (OR EQUIVALENT) AND TO PLATES WITH 4 / 30 x 2.8mm Ø GALVANIZED FLAT-HEAD NAILS OR ALTERNATIVE METAL STRAP, FIXED AS ABOVE WITH A NET SECTIONAL AREA NOT LESS THAN 21 (SQ.mm)

NOTES.

1. NOGGINGS OMITTED FOR CLARITY.
2. REFER AS 1684 FOR STRAP CONNECTION DETAILS.

TYPE A BRACING
PAIR OF DIAGONAL METAL TENSION STRAP (TYPICAL)

SR.NO.	DESCRIPTION	DOC / DRAWING NO.
	REFERENCE DOCUMENT / DRAWINGS	

REV. NO.	DESCRIPTION	DRAWN	CHKD.	APPVD.	DATE
0	ISSUE FOR APPROVAL	MS	SAL	SAL	10-02-2021

CLIENT/PROJECT:
PAUL & CINDY REEDY

Omega Project Services
Structural - Hydraulics - Project Management

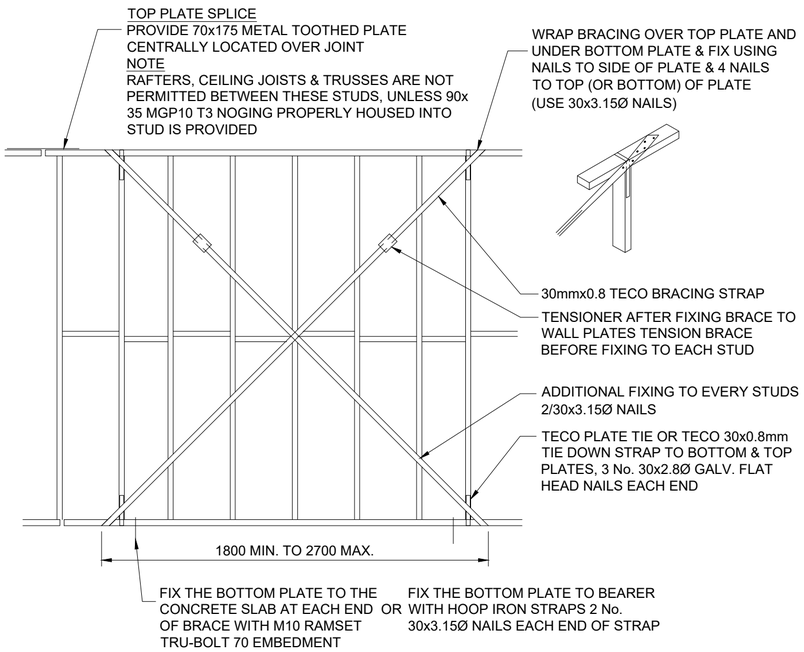
CLIENT PROJECT NO.: 0000
PR SR PROJECT NO.: 342-SR

PROJECT: 43 WARRABA ROAD, NARRABEEN

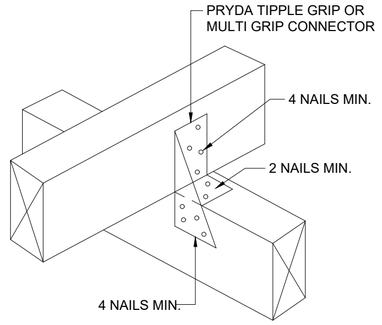
TITLE: LEVEL 2 BRACING LAYOUT

DRAWING NUMBER:	REV.
342-DR-SR-1	0

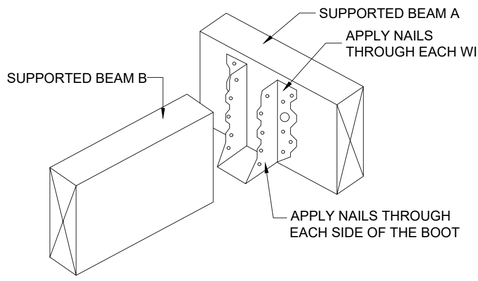
DRAWN	CHECKED	APPROVED	SCALE	SHEET SIZE	DATE	SHEET
MS	SAL	SAL	AS SHOWN	A3	09-02-2021	07 OF 09



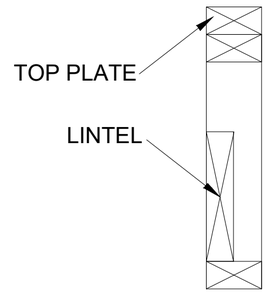
TYPICAL TIMBER STUD WALL DETAIL



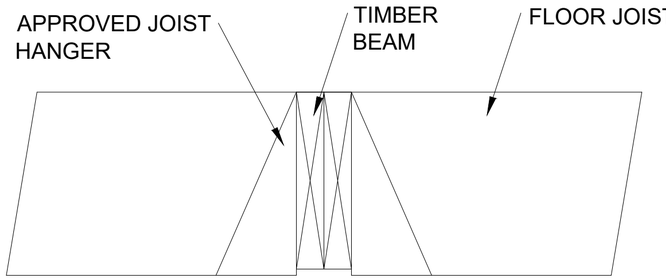
TYPICAL TIMBER CONNECTOR



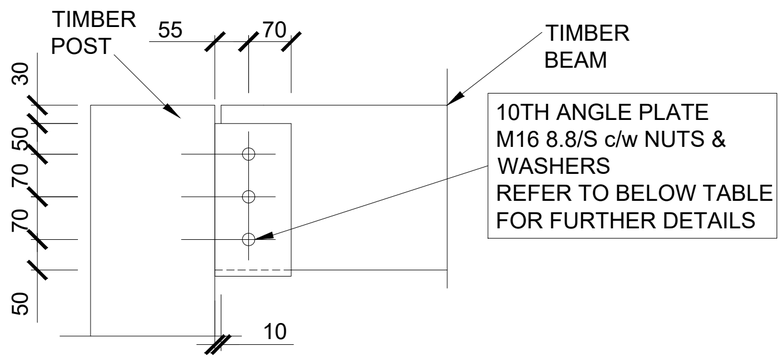
TYPICAL JOIST HANGER



LINTEL DETAIL (TYPICAL)

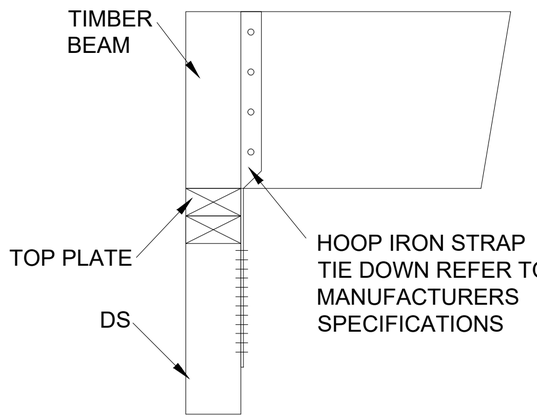


JOIST TO TIMBER BEAM (TYPICAL)

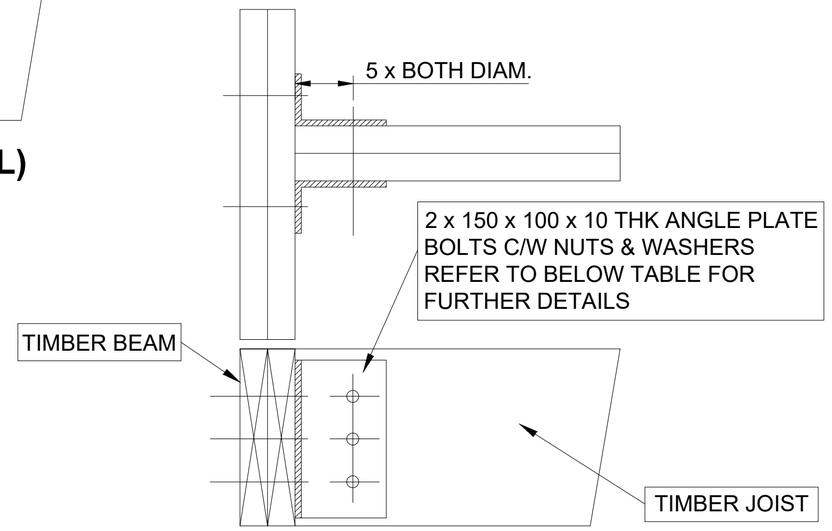


BEAM DEPTH (mm)	PLATE DEPTH MIN. (mm)	BOLTING (MIN. 8.8/S)
190 - 300	200	3M16

TIMBER BEAM TO TIMBER POST (TYPICAL)



TIMBER TO STUD WALL DETAIL (TYPICAL)



BEAM DEPTH (mm)	PLATE DEPTH MIN. (mm)	BOLTING (MIN. 8.8/S)
190 - 240	180	3M16
240 - 360	240	5M16

TIMBER BEAM TO TIMBER BEAM (TYPICAL)

SR.NO.	DESCRIPTION	DOC / DRAWING NO.
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0	ISSUE FOR APPROVAL	MS	SAL	SAL	10-02-2021

CLIENT/PROJECT:

PAUL & CINDY REEDY

Omega Project Services
Structural - Hydraulics - Project Management

CLIENT PROJECT NO.	PR SR PROJECT NO.
0000	342-SR

PROJECT:

43 WARRABA ROAD, NARRABEEN

TITLE:

TYPICAL CONNECTION DETAILS

DRAWING NUMBER: 342-DR-SR-1

REV. 0

DRAWN	CHECKED	APPROVED	SCALE	SHEET SIZE	DATE	SHEET
MS	SAL	SAL	AS SHOWN	A3	09-02-2021	08 OF 09

WINDOW / DOOR LINTELS FOR SHEET ROOF
LOWER STOREY, MAX UPPER FLW 3600mm MAX RLW 7500mm, NO POINT LOADS

CLEAR SPAN (mm)	LINTEL	JAMB STUDS
UP TO 1000	120 x 45 F17 KDHW	2 / 90 x 35 MGP10
1001 TO 1500	190 x 45 F17 KDHW	2 / 90 x 35 MGP10
1501 TO 2000	240 x 45 F17 KDHW	2 / 90 x 45 MGP10
2001 TO 2500	2-240 x 45 F17 KDHW	2 / 90 x 45 MGP10
2501 TO 3000	2-240 x 45 F17 KDHW	3 / 90 x 45 MGP10

WINDOW / DOOR LINTELS FOR SHEET ROOF
SINGLE / UPPER STOREY MAX RLW 4500, NO POINT LOADS

CLEAR SPAN (mm)	LINTEL	JAMB STUDS
UP TO 1000	90 x 45 F17 KDHW	90 x 35 MGP10
1001 TO 1500	120 x 45 F17 KDHW	90 x 45 MGP10
1501 TO 2000	140 x 45 F17 KDHW	2 / 90 x 35 MGP10
2001 TO 2500	190 x 45 F17 KDHW	2 / 90 x 45 MGP10
2501 TO 3000	240 x 45 F17 KDHW	2 / 90 x 45 MGP10

FRAMING SCHEDULE

ROOF BATTENS	90 x 45 MGP10 @ 600 CENTERS (SHEET ROOF ONLY)
WALL STUDS (UPPER FLOOR / SINGLE STOREY AREA)	90 x 35 MGP10 @ 600 CENTERS (MAX. 3000mm HEIGHT) 90 x 45 MGP10 @ 450 CENTERS (MAX. 3600mm HEIGHT) 2 / 90 x 35 MGP10 @ 450 CENTERS (MAX. 4200mm HEIGHT)
WALL STUDS (LOWER FLOOR)	90 x 45 MGP10 @ 450 CENTERS (MAX. 3000mm HEIGHT)
NOGGINGS	STUD FRAME IS TO BE NOGGED AT NO GRATER THAN 1350mm CCENTERS
TOP PLATE	2 / 45 x 90 MGP10
BOTTOM PLATE (ON SLAB) (ON TIMBER FLOOR STRUCTURE)	 45 x 90 MGP10 2 / 45 x 90 MGP10

SITE WIND CATEGORY CLASSIFICATION N2

FIXINGS FOR TIMBER MENBERS

TO TOP PLATES	1 x FRAMING ANCHOR WITH 3 NAILS TO EACH LEG
VERANDAH BEAM TO POSTS	2 x M10 BOLTS
PLATES TO STUDS	2 x 90mm NAILS THROUGH PLATE
NOGGINGS TO STUDS	2 x 75mm NAIL SKEWED OR THROUGH NAILED
BOTTOM PLATES TO BEARERS BOTTOM PLATES TO SLAB	2 x 75mm NAIL SKEWED OR THROUGH NAILED MASONRY ANCHORS, SCREWS OR NAILS @ 900mm MAX. CTS.
POSTS TO JOISTS	1 x M12 BOLT

BRACING REQUIREMENTS

GALVANISED ANGLE BRACING PLYWOOD BRACING AT CORNERS IF REQUIRED.

SR.NO.	DESCRIPTION	DOC / DRAWING NO.
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CLIENT/PROJECT: **PAUL & CINDY REEDY**

Omega Project Services
Structural - Hydraulics - Project Management

CLIENT PROJECT NO.: 0000

PR SR PROJECT NO.: 342-SR

PROJECT: **43 WARRABA ROAD, NARRABEEN**

TITLE: **Lintel Details**

DRAWING NUMBER: **342-DR-SR-1**

REV. 0

DRAWN	CHECKED	APPROVED	SCALE	SHEET SIZE	DATE	SHEET
MS	SAL	SAL	AS SHOWN	A3	09-02-2021	09 OF 09