

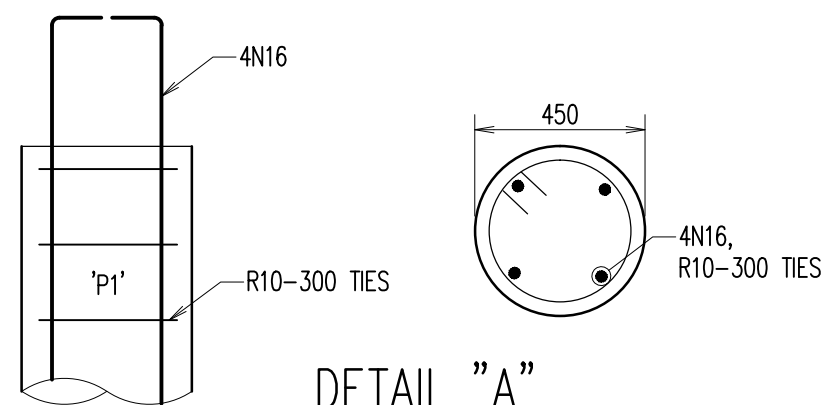
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FOOTING PLAN

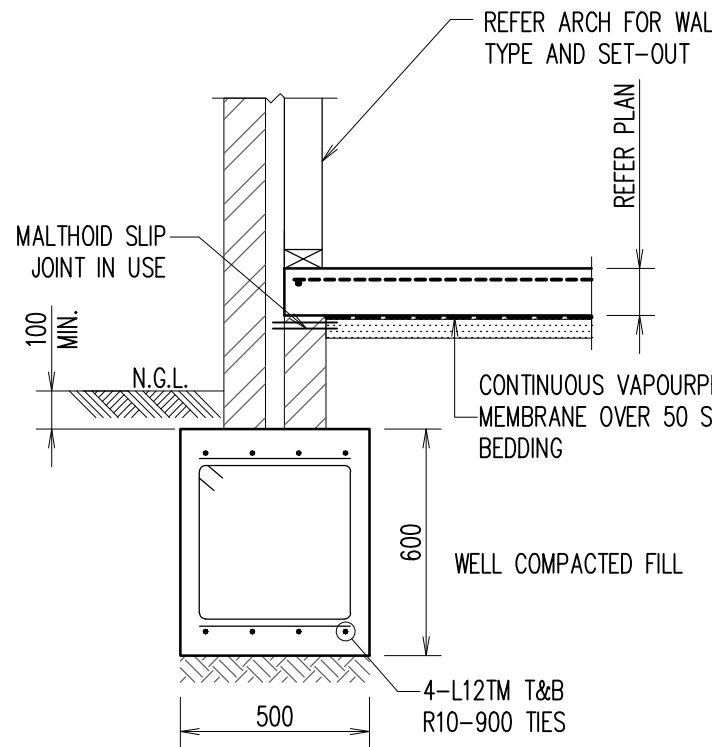
SCALE 1:100

NOTES:

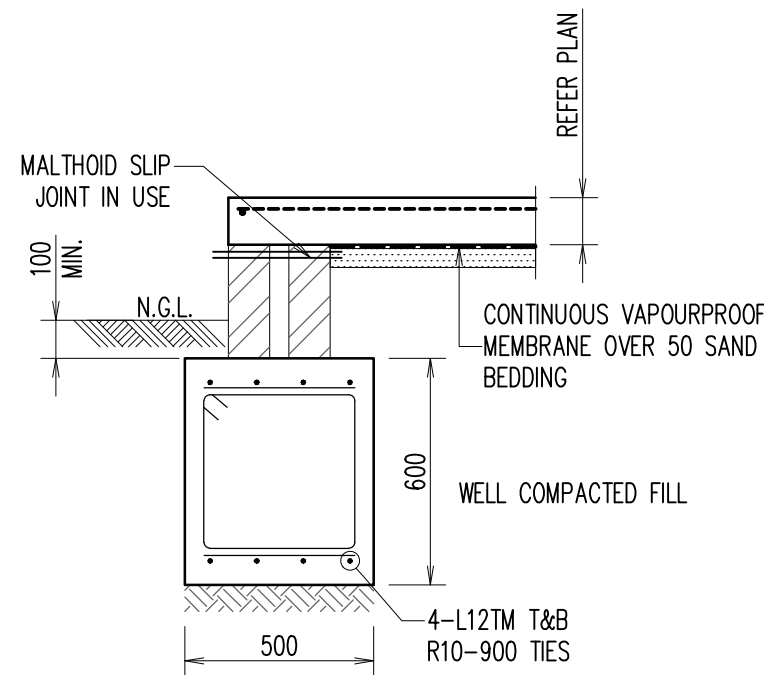
- DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURALS.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS, FALLS ETC.
- DURING CONSTRUCTION, FOUNDATION MATERIAL HAS TO BE CHECKED AND VERIFIED BY GEOTECHNICAL ENGINEER TO ENSURE THE REQUIRED SAFE BEARING CAPACITY IS REACHED AS DESIGNED FOR.
- PF DENOTES PAD FOOTING, REFER TO 'PAD FOOTING SCHEDULE' FOR DETAILS.
- Ø DENOTES Ø450 CONCRETE PILES TO BE TAKEN DOWN BELOW INVERT LEVEL OF SWIMMING POOL AND TO REACH SAME BEARING CAPACITY MATERIAL. IF DIFFERENT BEARING CAPACITY IS REACHED ALL FOOTINGS MAY NEED TO BE ON PILES. IF DEPTH OF PILES EXCEEDS 2m REINFORCE IN ACCORDANCE WITH DETAIL A.



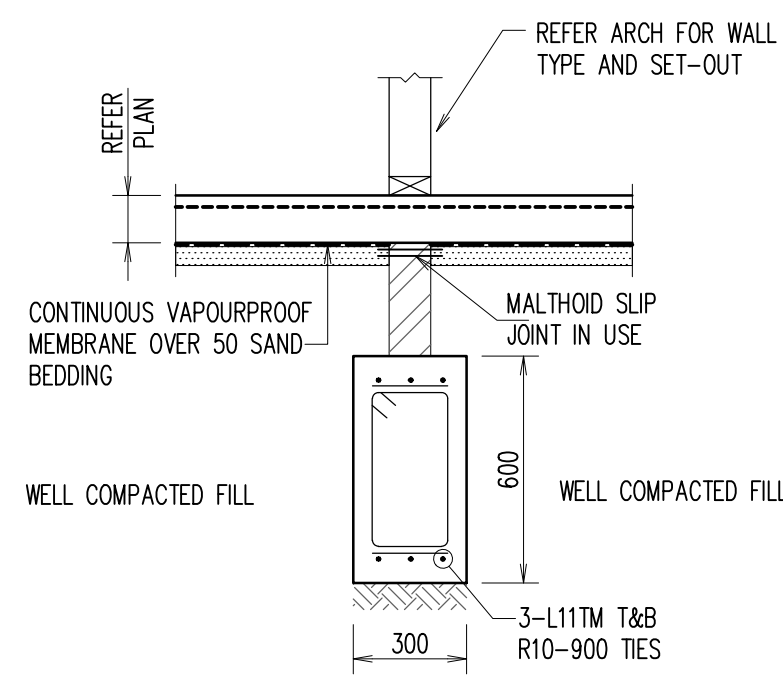
DETAIL "A"



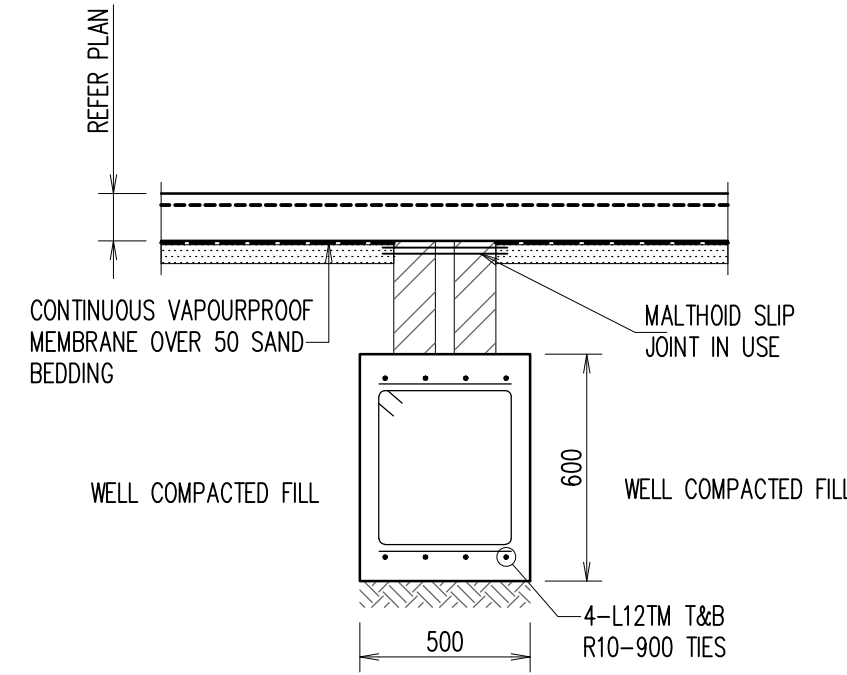
EXTERNAL STRIP FOOTING (SF1) DETAIL



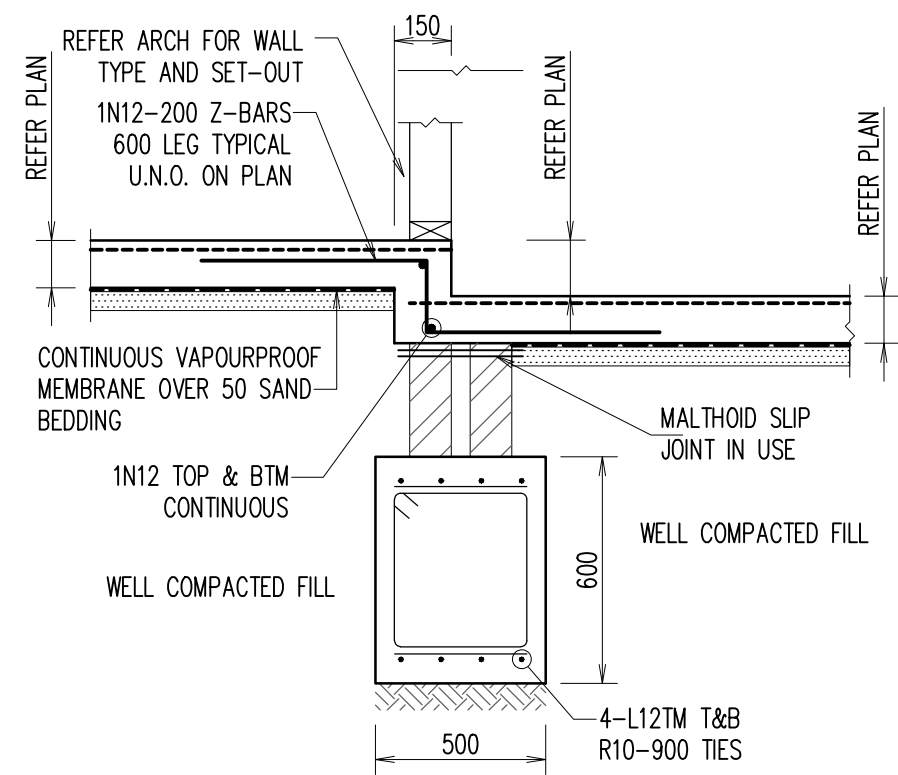
EXTERNAL STRIP FOOTING (SF2) DETAIL



INTERNAL STRIP FOOTING (SF3) DETAIL



INTERNAL STRIP FOOTING (SF4) DETAIL



INTERNAL STRIP FOOTING (SF5) DETAIL

PRELIMINARY
NOT FOR CONSTRUCTION

No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE
C	PRELIMINARY ISSUE	M.T.	M.T.	17.08.20										
B	PRELIMINARY ISSUE	M.T.	M.T.	27.07.20										
A	PRELIMINARY ISSUE	M.T.	M.T.	14.07.20										

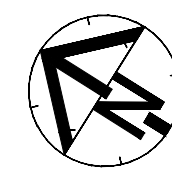
ARCHITECT
TASMEEM PTY LTD.

CLIENT
MADINA AKBARI



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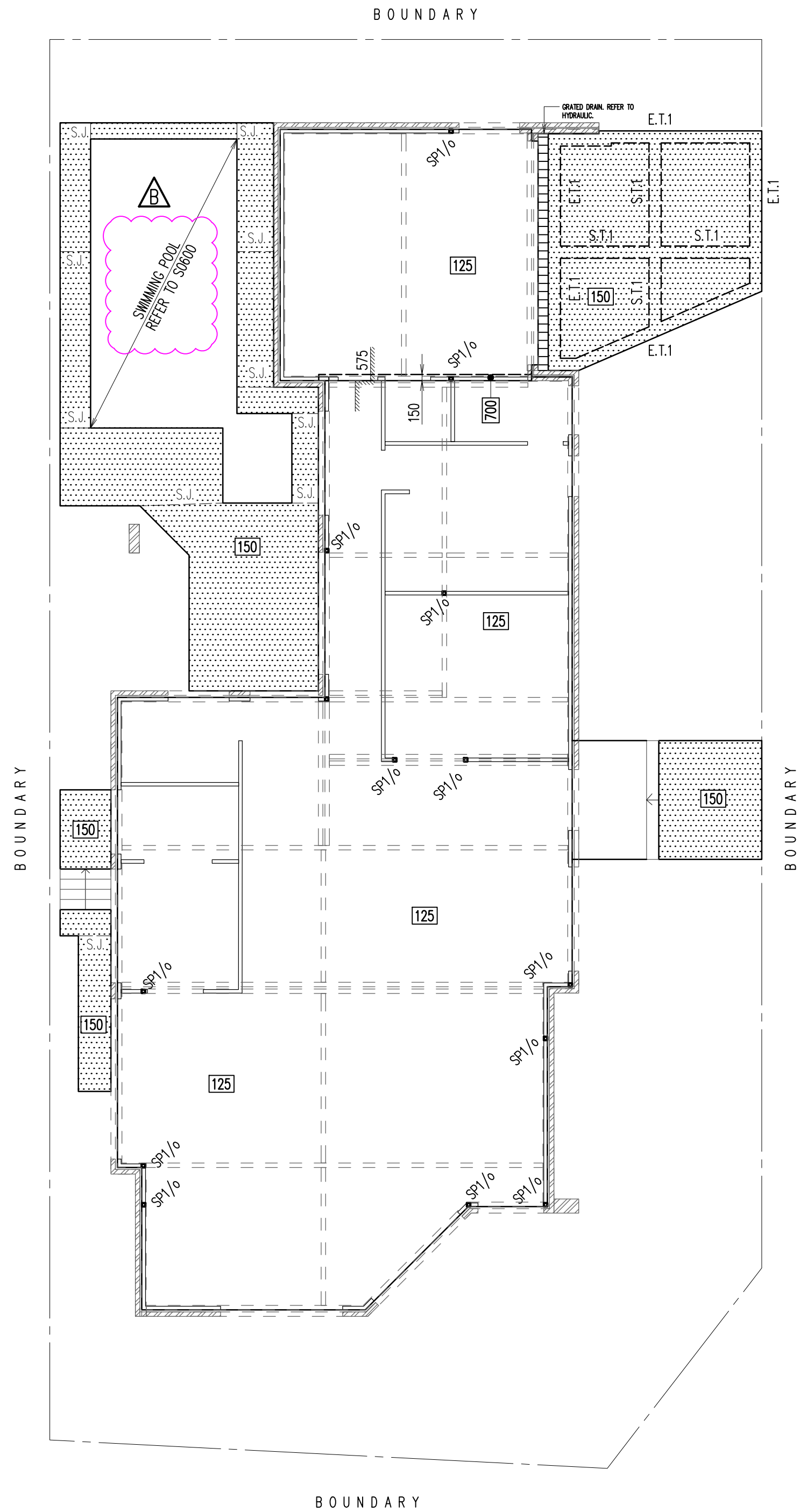
PROJECT
RESIDENTIAL DWELLING
21 SEVILLE CIRCUIT,
GLEDSWOOD HILLS, NSW



SHEET SUBJECT
FOOTING PLAN
AND DETAILS

ARCH. REF:
N/A

PROJECT	21 SEVILLE CIRCUIT, GLEDSWOOD HILLS NSW, 2157	DATE	JULY 2020	DRAWN	M.T.	DESIGNED	M.T.	CHECKED	A.N.
SCALE @ A1	N.T.S.	JOB No	200044	DWG No	S0200	REV	C		
AUTHORISED	A.S.H.								



LEGEND :

- /// DENOTES BRICK WALL OVER
□ DENOTES TIMBER WALL OVER
--- DENOTES BRICK WALL UNDER

FOR STRUCTURAL NOTES REFER TO DRAWING S0000

NOTES:

- DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURALS.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS.
- DO NOT SCALE ANY DIMENSIONS FROM STRUCTURAL DRAWINGS FOR SETTING OUT PURPOSES.

ELEMENT	COVER (mm)			EXPOSURE CLASSIFICATION
	TOP	BOTTOM	SIDES	
SLAB ON GROUND	30mm	30mm	30mm	B1

ELEMENT	CONCRETE QUALITY			
	SLUMP	AGGREGATE (MAX. SIZE)	CEMENT TYPE	f _c
SLAB ON GROUND	80mm	20mm	A	25MPa

NOTE:

- ALL FOOTINGS TO BE FOUNDED ON 350 kPa MINIMUM SAFE ALLOWABLE BEARING CAPACITY AND TO BE CONFIRMED BY GEOTECHNICAL ENGINEER PRIOR TO COMMENCEMENT OF ANY FOOTINGS.
- IF GROUND CONDITIONS CHANGE DURING EXCAVATION: PLEASE NOTIFY ENGINEER, AND SEEK FURTHER INSTRUCTIONS.
- ALL FILLS AND SOILS UNDER FOOTING TO BE COMPACTED IN LAYERS AS PER AS2870 AND AS3798.
- ENGINEER TO BE ADVISED IF ACID SULPHATE SOILS ARE PRESENT. IN THE EVENT THAT ACID SULPHATE SOILS ARE PRESENT, THE BUILDER IS STRONGLY ADVISED TO ENSURE PROTECTIVE MEASURES ARE TAKEN TO MINIMISE THE EFFECT OF AN ACID SULPHATE ATTACK ON THE FOOTING STRUCTURAL ELEMENTS.
- BUILDER TO ENSURE THAT THE FOUNDATION MATERIAL OF THE SWIMMING POOL ARE THE SAME AS THE FOUNDATION MATERIAL OF THE MAIN FOOTINGS. IF DIFFERENT BEARING CAPACITY WAS FOUND, ALL FOOTINGS MAY REQUIRE TO BE ON PILES. PLEASE CONTACT THIS OFFICE FOR REDESIGN AND FURTHER INSTRUCTIONS.
- GEOTECHNICAL ENGINEER NEEDS TO CONFIRM IF SHORING AND TEMPORARY BATTER IS REQUIRED.
- SLAB ON GROUND HAS NOT BEEN DESIGNED AS EXPOSED/FINISHED CONCRETE. IF THE FLOOR IS REQUIRED TO BE EXPOSED FINISHED CONCRETE, PLEASE CONTACT ENGINEER AND SEEK FURTHER INSTRUCTION, PRIOR TO ANY WORKS.
- ACID SULPHATE SOILS (ASS) & SALINITY REQUIREMENTS HAVE NOT BEEN CONSIDERED IN THIS DESIGN.

NOTE:

TYPICAL SECTIONS ARE "TYPICAL" ONLY AND MAY NOT SPECIFICALLY REFLECT EXACT DETAIL REQUIRED.

NOTE:

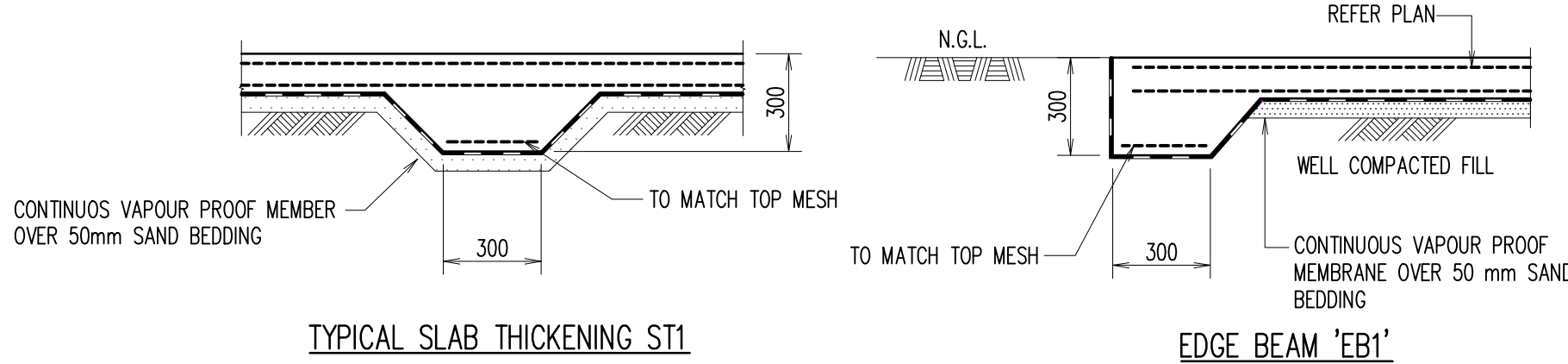
ARTICULATION JOINTS IN MASONRY TO BE PROVIDED AS PER AS2870 AND AS3700.

NOTE:

ARCHITECT TO CONFIRM BCA COMPLIANCE FOR ALL PROPOSED STRUCTURAL ELEMENTS, MATERIALS AND FINISHES.



BUILDER TO DETERMINE THE EXACT LOCATIONS OF EXISTING SERVICES PRIOR TO THE START OF ANY CONSTRUCTION WORK. BUILDER TO CONTACT 'DIAL BEFORE YOU DIG' AND THE AUTHORITIES CONCERNED TO CONFIRM THE ACTUAL LOCATIONS OF EXISTING SERVICES. IN THE EVENT THAT ANY OF THE SERVICES MIGHT BE AFFECTED BY STRUCTURAL WORK, STRUCTURAL ENGINEER IS TO BE NOTIFIED AND CONSULTED IMMEDIATELY TO REVIEW THE STRUCTURAL DETAILS AFFECTING THE SERVICES.



TYPICAL SLAB THICKENING 'ST1'

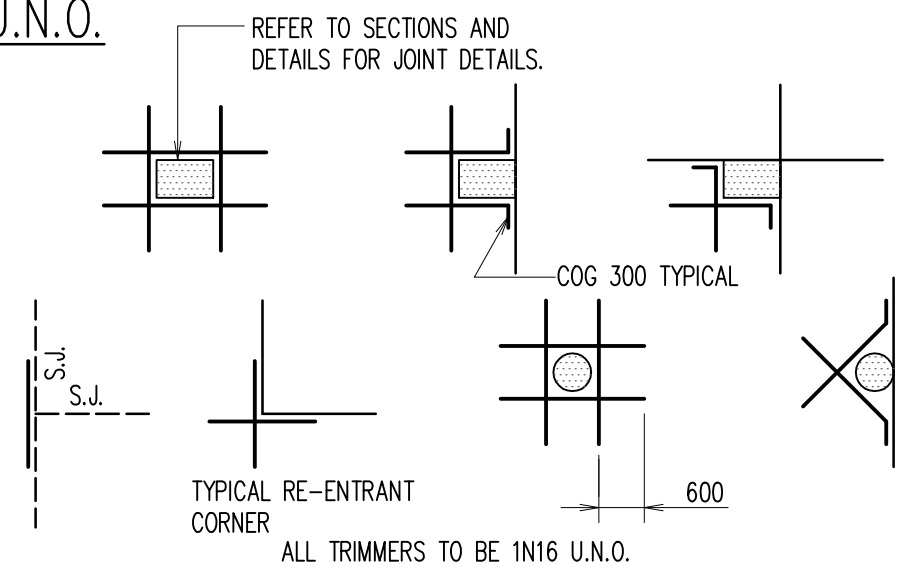
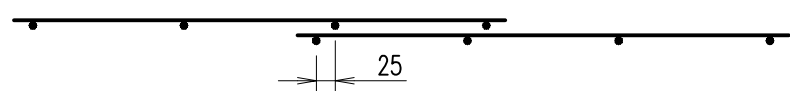
EDGE BEAM 'EB1'

GROUND FLOOR SLAB PLAN – 125 THICK SLAB ON GROUND U.N.O.

SCALE 1:100

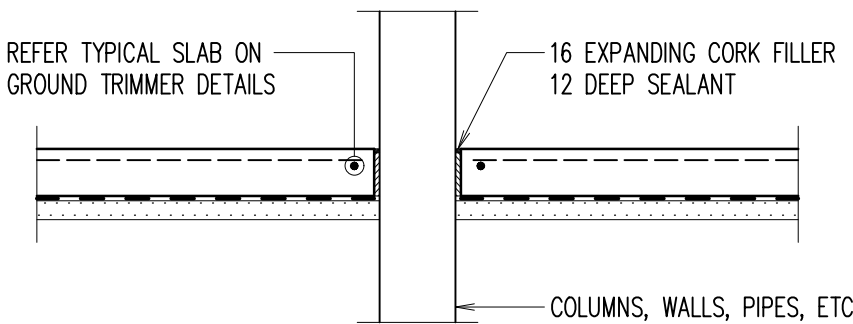
NOTES:

- PROVIDE SL92 MESH TOP THROUGHOUT FOR ALL 125mm THICK SLAB ON GROUND U.N.O.
- ALL SLAB ON GROUND TO BE LAID ON CONTINUOUS VAPOUR BARRIER AND 50mm SAND BEDDING.
- REFER TO ARCHITECTURAL DRAWINGS FOR LEVELS, STEPS AND FOLDS.
- 'S.J.' SAWN CONTROL JOINTS ARE INDICATIVE ONLY. BUILDER TO DECIDE ON SITE.
- HATCHED AREA TO BE 150mm THICK SLAB ON GROUND WITH SL82 MESH TOP AND BOTTOM.
- SP/O DENOTES STEEL POST OVER. REFER TO STEEL MEMBER SCHEDULE ON S0300 FOR DETAILS.
- MESH SHALL BE LAPPED SUCH THAT THE TWO OUTERMOST WIRES OF ONE SHEET OVERLAP THE TWO OUTERMOST WIRES OF THE OTHER SHEET BY 25mm MINIMUM.

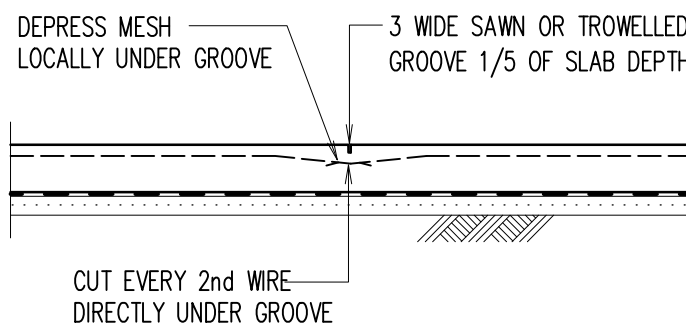


TYPICAL SLAB ON GROUND TRIMMER DETAILS

AT ALL COLUMNS, WALLS, PITS, FLOOR WASTES, ETC THAT CAUSE A PENETRATION THROUGH THE SLAB.

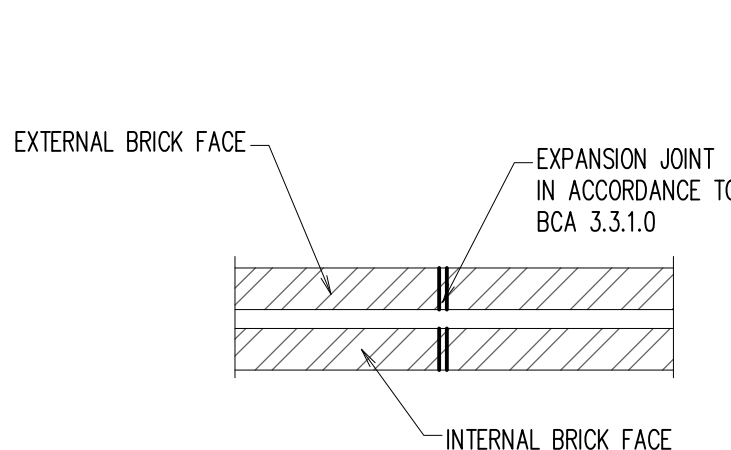


SLAB PENETRATION

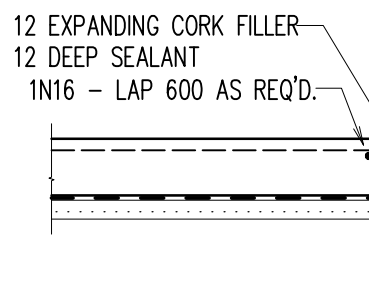


S.J. – SAWN CONTROL JOINT

NOTE: SAWCUT TO BE MADE WITHIN 16 HOURS OF CASTING SLAB



TYPICAL EXPANSION JOINT 'E.J.' DETAIL



EDGE OF SLAB

PRELIMINARY
NOT FOR CONSTRUCTION

A1 0 1 2 3 4 5 6 7 8 9 10

No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE
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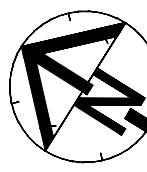
ARCHITECT
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CLIENT
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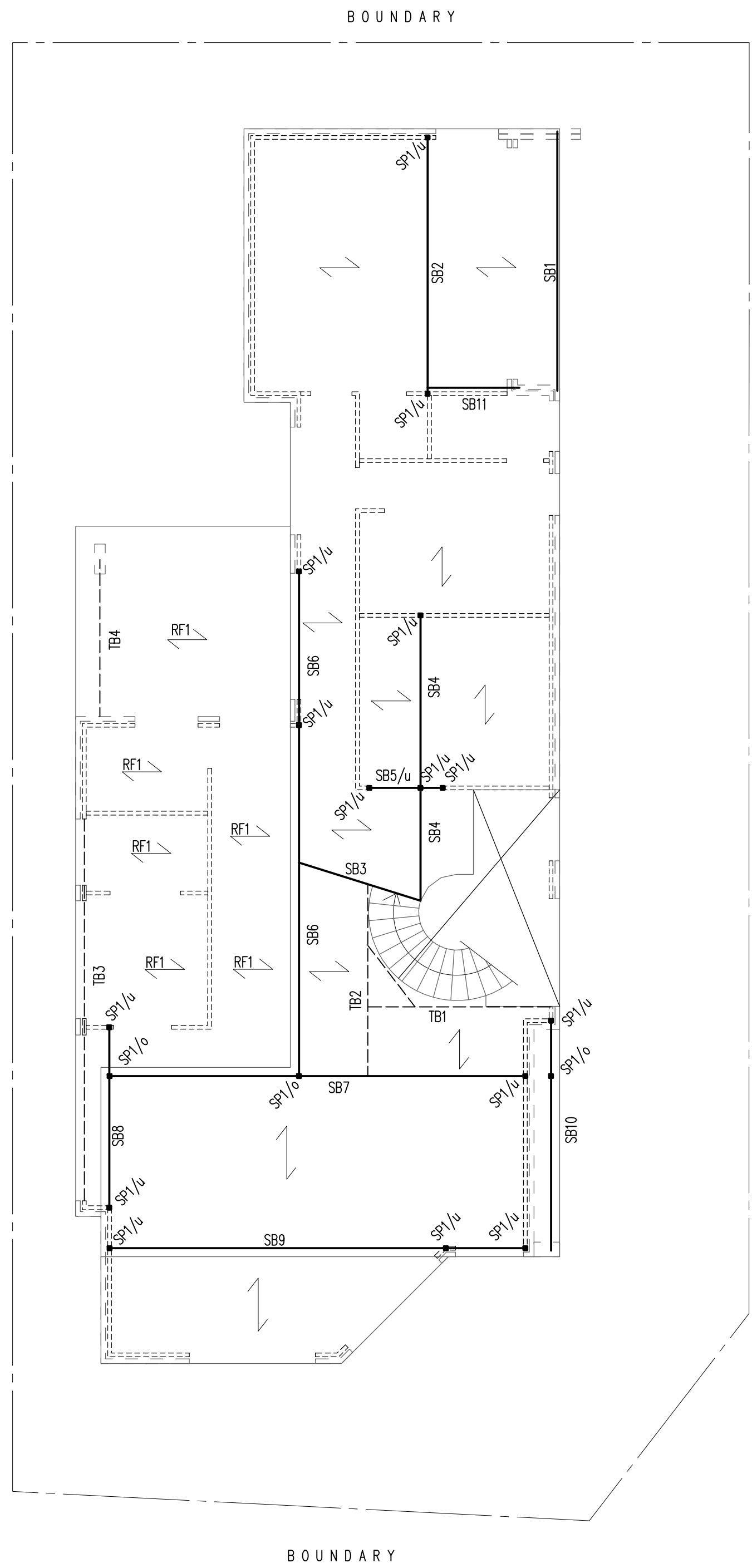
PROJECT
RESIDENTIAL DWELLING
21 SEVILLE CIRCUIT,
GLEDSWOOD HILLS, NSW



SHEET SUBJECT
GROUND FLOOR
SLAB PLAN AND DETAILS
PROJECT LINE 3

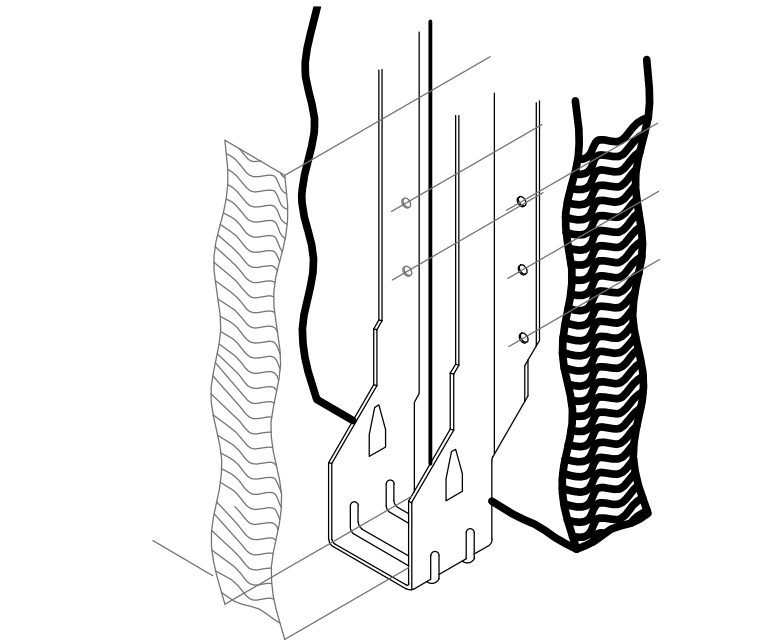
ARCH. REF:
N/A

PROJECT	21 SEVILLE CIRCUIT, GLEDSWOOD HILLS NSW, 2157	DATE	JULY 2020	DRAWN	M.T.	DESIGNED	M.T.	CHECKED	A.N.
SCALE @ A1	N.T.S.	JOB No	200044	DWG No	S0300	REV	B		
AUTHORISED	A.S.H.								

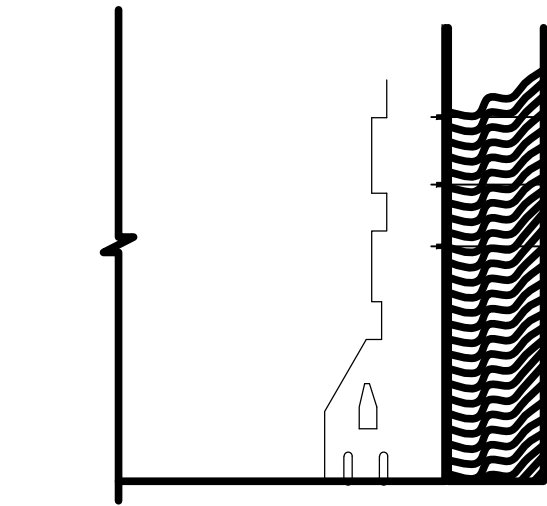


LEVEL 1 TIMBER AND STEEL FRAMING PLAN
SCALE 1:100
NOTES:
1. DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURALS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS, FALLS ETC.
3. PROVIDE DOUBLE FLOOR JOISTS UNDER ALL WALLS RUNNING PARALLEL TO JOISTS.
4. SP1/u DENOTES STEEL POST UNDER.

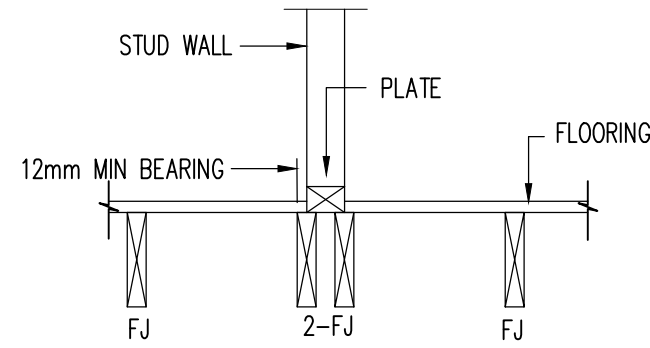
**PRELIMINARY
NOT FOR CONSTRUCTION**



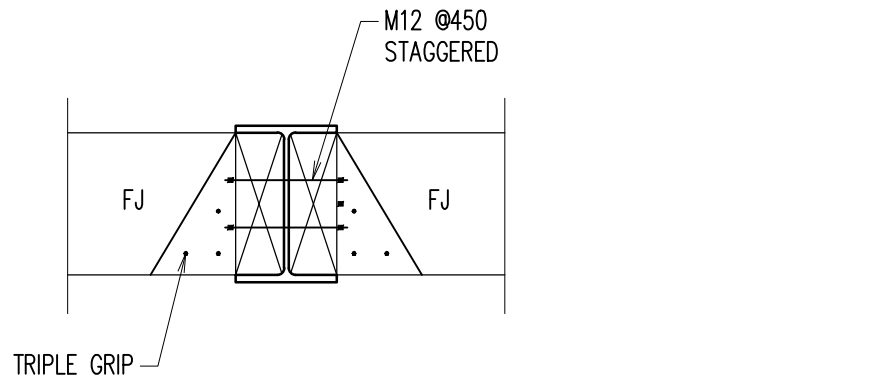
TYPICAL JOIST HANGER DETAIL (3D)
SCALE 1:10



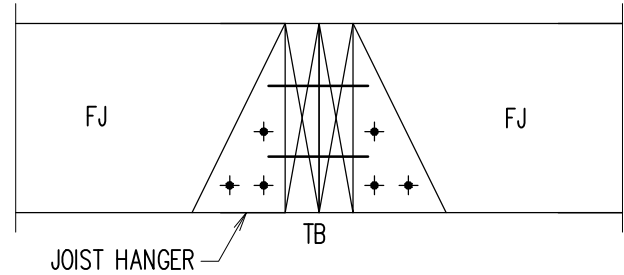
TYPICAL JOIST HANGER DETAIL (SIDE)
SCALE 1:10



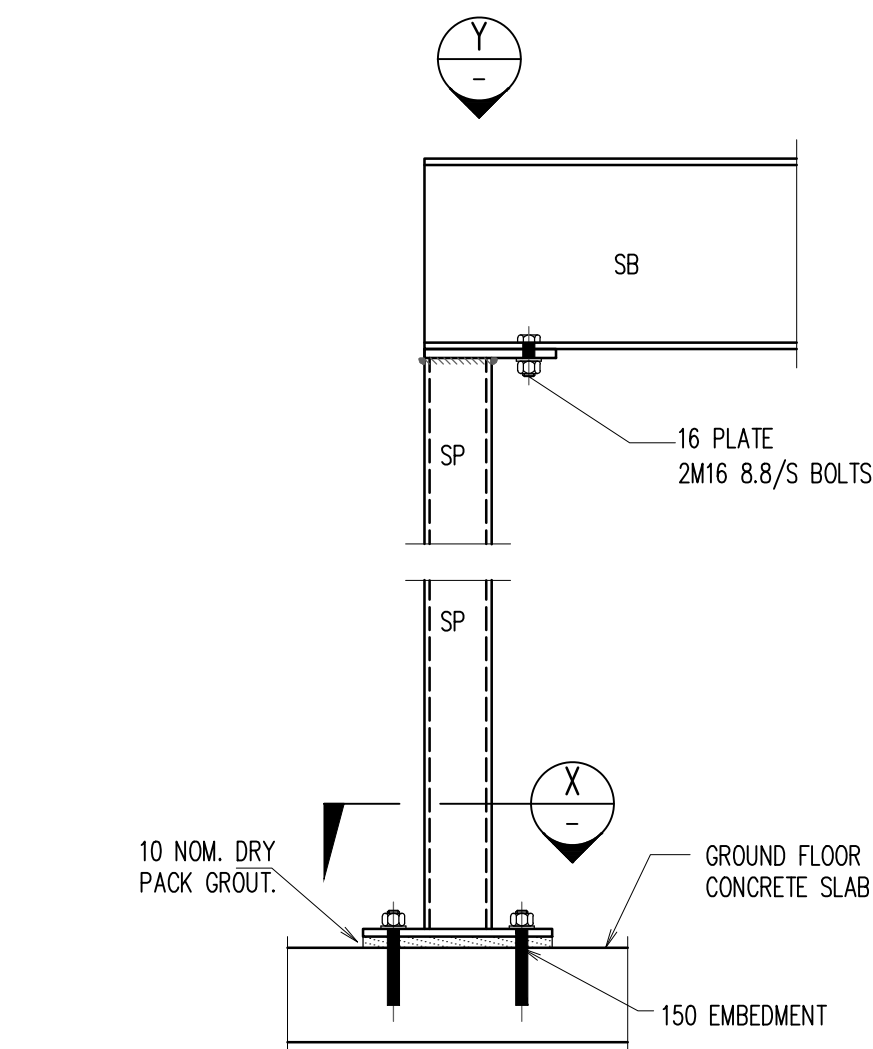
TYPICAL SECTION THRU LOAD BEARING WALL



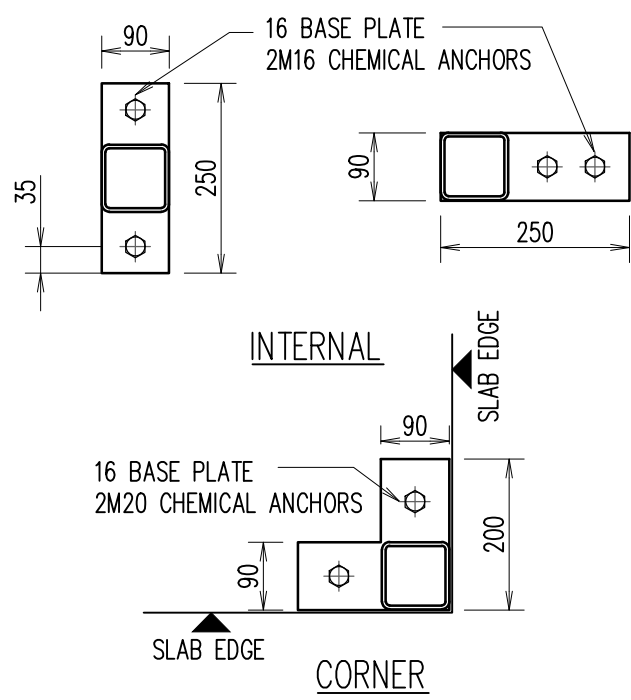
TYPICAL FLOOR JOIST TO
STEEL BEAM CONNECTION DETAIL



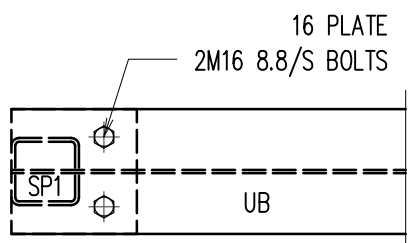
TYPICAL FLOOR JOIST TO TIMBER BEAM
CONNECTION



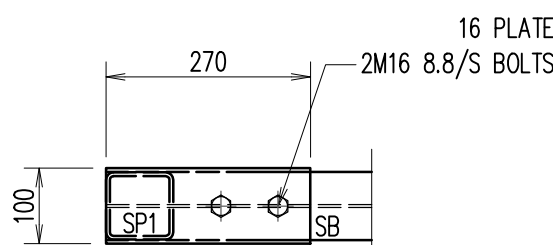
TYPICAL POST TO SLAB DETAIL



BASE PLATE DETAILS



TYPICAL UB TOP PLATE DETAIL



TYPICAL PFC TOP PLATE DETAIL

NOTE:
SB7 TO BE SUPPORTED VIA HANGING POST (SP1/u) & ROOF STEEL BEAM SB1. REFER TO S0500 FOR DETAILS. SB7 TO REMAIN PROPPED UNTIL ROOF STEEL BEAM SB1 IS INSTALLED.

NOTE:
BUILDER TO PROVIDE ADEQUATE WATER PROOFING AND DRAINAGE TO ALL NON-ACCESSIBLE ROOF AND BALCONY.

NOTE:
1. ALL WELDS ARE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARDS AND NCC (BCA) REQUIREMENTS.
2. WELDING CERTIFICATION IS TO BE FORWARDED TO THE STRUCTURAL ENGINEER PRIOR TO REQUEST OF STRUCTURAL ADEQUACY CERTIFICATION.
3. FULL BUTT WELD USING E48XX CAN BE USED IN LIEU OF BOLTS, WHEN CONNECTING STEEL BEAMS TO STEEL BEAMS, OR STEEL BEAMS TO STEEL POSTS.
4. ALL WELDS ARE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARDS AND NCC (BCA) REQUIREMENTS.
5. WELDING CERTIFICATION IS TO BE FORWARDED TO THE STRUCTURAL ENGINEER PRIOR TO REQUEST OF STRUCTURAL ADEQUACY CERTIFICATION.

NOTE:
ALL EXPOSED STEEL MEMBERS ARE TO BE HOT DIPPED GALVANIZED

NOTE:
BUILDER TO PROVIDE TREATMENT FOR THE PROTECTION OF THE BUILDING FROM SUBTERRANEAN TERMITES IN ACCORDANCE WITH AS3660.

NOTE:
BUILDER TO PROVIDE ADEQUATE HOLD-DOWN DETAILS TO ALL BEAM SUPPORTED ON BRICKWALL/PIERS, AS WELL AS ALL CANTILEVERED TIMBER/NAILING BEAMS OR FLOOR JOISTS.

NOTE:
TIMBER STAIRCASE TO MANUFACTURE SPECIFICATIONS

NOTE:
ALL STEEL BEAMS TO BE GRADE 300. ALL STEEL POSTS TO BE GRADE 350. ALL BASE AND CAP PLATES TO BE GRADE 250. ALL EXPOSED STEEL WORKS TO BE HOT DIPPED GALVANIZED. ALL STEEL TO BE FIRE RATED IN ACCORDANCE WITH NCC (BCA) REQUIREMENT

NOTE:
ALL TIMBER FLOOR JOIST & CONNECTIONS TO COMPLY WITH RELEVANT SECTIONS OF AS1684 RESIDENTIAL TIMBER FRAMED CONSTRUCTION AS1684.2 BY ASSOCIATED CONTRACTOR.

LEGEND :
--- DENOTES TIMBER WALL UNDER
--- DENOTES FLOOR VOID/PENETRATION
--- DENOTES BRICK WALL UNDER
--- DENOTES JOIST DIRECTION

NOTES:
FOR STRUCTURAL NOTES REFER TO DRAWING S0000
1. DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURALS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS.
3. DO NOT SCALE ANY DIMENSIONS FROM STRUCTURAL DRAWINGS FOR SETTING OUT PURPOSES.

STEEL MEMBER SCHEDULE			
MARK	DESCRIPTION	SIZE	COMMENT
SB1	STEEL BEAM	250 PFC	GRADE 300 DESIGNED AS SINGLE SPAN MAX LENGTH = 6.1m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SB2	STEEL BEAM - NO BRICK LOADING	310 UB 32	GRADE 300 DESIGNED AS SINGLE SPAN MAX LENGTH = 6.1m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SB3	STEEL BEAM	200x50x5 RHS	GRADE 300 DESIGNED AS SINGLE SPAN MAX LENGTH = 3m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SB4	STEEL BEAM	310 UB 46.2	GRADE 300 DESIGNED AS CANTILEVER MAX LENGTH = 6.7m MAX CANTILEVER = 2.6m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SB5	STEEL BEAM	180 PFC	GRADE 300 DESIGNED AS SINGLE SPAN MAX LENGTH = 1.7m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SB6	STEEL BEAM - NO BRICK LOADING	300 PFC + PLATE	GRADE 300 DESIGNED AS CONTINUOUS MEMBER MAX LENGTH = 12m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SB7	STEEL BEAM - NO BRICK LOADING	200 UB 25.4	GRADE 300 DESIGNED AS DOUBLE SPAN MAX LENGTH = 10m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SB8	STEEL BEAM - NO BRICK LOADING	250 PFC + PLATE 12mm STIFFENER @ MID SPAN AND UNDER SP1/u	GRADE 300 DESIGNED AS SINGLE SPAN MAX LENGTH = 4.3m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SB9	STEEL BEAM - NO BRICK LOADING	310 UB 40.4	GRADE 300 DESIGNED AS CONTINUOUS MEMBER MAX LENGTH = 9.8m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SB10	STEEL BEAM - NO BRICK LOADING	250 PFC + PLATE 12mm STIFFENER @ MID SPAN AND UNDER SP1/u	GRADE 300 DESIGNED AS SINGLE SPAN MAX LENGTH = 5.5m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SB11	STEEL BEAM - REMOVED IF NO BRICK ABOVE	NO LONGER REQUIRED	GRADE 300 DESIGNED AS SINGLE SPAN MAX LENGTH = 2.1m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
SP1	STEEL POST	89x89x6 SHS	GRADE 350

TIMBER MEMBER SCHEDULE			
MARK	DESCRIPTION	SIZE	COMMENT
TB1	TIMBER BEAM	2/240x45 - hyspan LVL	DESIGNED AS SINGLE SPAN MAX LENGTH = 4.4m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
TB2	TIMBER BEAM	2/300x45 - hyspan LVL	DESIGNED AS SINGLE SPAN MAX LENGTH = 4.6m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
TB3	TIMBER BEAM	190x45 - F7 TIMBER	DESIGNED AS CONTINUOUS MEMBER MAX LENGTH = 9.1m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
TB4	TIMBER BEAM	2/240x45 - F7 TIMBER	DESIGNED AS SINGLE SPAN MAX LENGTH = 3.7m SUPPORTED AT EACH END AND AS SHOWN ON PLAN
RF1	RAFTER	240x45 - F7 TIMBER @ 900 C/C	DESIGNED AS CANTILEVER MAX SPAN = 4.8m MAX OVERHANG = 0.6m SUPPORTED AT EACH END AND AS SHOWN ON PLAN

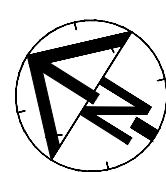
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ARCHITECT
TASMEEM PTY LTD.

CLIENT
MADINA AKBARI

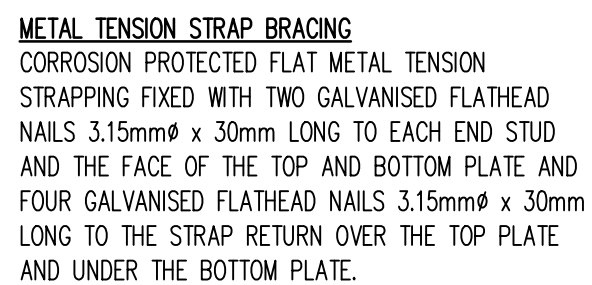
**AUSTRALIAN
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PTY LTD - A.C.N. 084 059 941
SHOP 2/461 CONCORD RD NORTH STRATHFIELD NSW 2157
PH: (02) 9763 1500 FX: (02) 9763 1515
EMAIL: info@aceeeng.com.au

PROJECT
RESIDENTIAL DWELLING
21 SEVILLE CIRCUIT,
GLEDSWOOD HILLS, NSW



SHEET SUBJECT
LEVEL 1
TIMBER AND STEEL
FRAMING PLAN
ARCH. REF: N/A

PROJECT	21 SEVILLE CIRCUIT, GLEDSWOOD HILLS NSW, 2157	DESIGNED	M.T.	CHECKED	A.N.
DATE	JULY 2020	DRAWN	M.T.	JOB No	200044
SCALE @ A1	N.T.S.	AUTHORISED	A.S.H.	DWG No	S0400
REV	C				



SCALE 1:20

NOTE: IN ACCORDANCE WITH REQUIREMENTS OF AS1684
NATIONAL FRAMING CODE.



SCALE 1:20



SCALE 1:20



- PLYWOOD BRACING IN ACCORDANCE WITH TABLE 8.18(g) OF AS 1684.2
- ULTIMATE BRACING CAPACITY 6kN/m
- REFER TO PLAN FOR LOCATION AND LENGTH OF BRACING

PLYWOOD STRESS GRADE	PLYWOOD THICKNESS WHEN STUDS AT 450
F8	7 mm
F11	6 mm
F14	4 mm
F27	4 mm

— FIX BOTTOM PLATE TO FLOOR SLAB WITH 1M12 CHEMSET RE0502 ANCHOR (OR APPROVED EQUIVALANT) AT EACH END AND AT 900cts. MAXIMUM INTERMEDIATELY 150min. EMBEDMENT. 35min. EDGE DISTANCE (FOR TIMBER TO CONCRETE CONNECTION)

OR

FIX BOTTOM PLATE TO FLOOR WITH M10 4.6/S
BOLTS AND AT 900cts. MAXIMUM 35min. EDGE
DISTANCE
(FOR TIMBER TO TIMBER CONNECTION)

NOTE :

ALL BRACING TO COMPLY WITH RELEVANT
SECTIONS OF AS1684 RESIDENTIAL TIMBER FRAMED
CONSTRUCTION, FOR FURTHER INFORMATION REFER
TO CLAUSE 8.3.6 OF PART 2 AS1684.2-1999



TIMBER BRACING WALL TOP CONNECTION DETAIL

SCALE 1:20

PRELIMINARY
NOT FOR CONSTRUCTION

A1 0 1 2 3 4 5 6 7 8 9 10

A	PRELIMINARY ISSUE	M.T.	M.T.	14.07.20															
No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE					

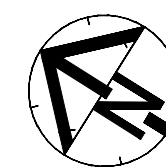
ARCHITECT
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PH: (02) 9763 1500 FX: (02) 9763 1515
EMAIL: info@aceeng.com.au



PROJECT
RESIDENTIAL DWELLING
21 SEVILLE CIRCUIT,
GLEDSWOOD HILLS, NSW

SHEET SUBJECT	TIMBER BRACING DETAILS
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ARCH. REF: N/A

PROJECT	21 SEVILLE CIRCUIT, GLEDSDOOD HILLS NSW, 2557
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DATE JULY 2020	DRAWN M.T.	DESIGNED M.T.	CHECKED A.N.
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SCALE @ A1	JOB No
N.T.S.	200044

AUTHORISED	DWG No 60410
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REV A



SCALE 1:100
NOTES:

1. DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURALS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS, FALLS ETC.
3. PROVIDE DOUBLE FLOOR JOISTS UNDER ALL WALLS RUNNING PARALLEL TO JOISTS.
4. SP1/u DENOTES STEEL POST UNDER. REFER TO STEEL MEMBER SCHEDULE ON S0400 FOR DETAILS.

- SCALE 1:100
NOTES:
1. DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURALS.
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NOTES:

FOR STRUCTURAL NOTES REFER TO DRAWING S0000

1. DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURALS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS.
3. DO NOT SCALE ANY DIMENSIONS FROM STRUCTURAL DRAWINGS FOR SETTING OUT PURPOSES.

STEEL MEMBER SCHEDULE			
MARK	DESCRIPTION	SIZE	COMMENT
SB1	STEEL BEAM	530 UB 82 +12 mm STIFFENER EACH SIDE ABOVE SP1	GRADE 300 DESIGNED AS SINGLE SPAN MAX LENGTH = 10.5m SUPPORTED AT EACH END AND AS SHOWN ON PLAN

NOTE:

ALL STEEL BEAMS TO BE GRADE 300.
ALL STEEL POSTS TO BE GRADE 350.
ALL BASE AND CAP PLATES TO BE GRADE 250.
ALL EXPOSED STEEL WORKS TO BE HOT DIPPED GALVANIZED.
ALL STEEL TO BE FIRE RATED IN ACCORDANCE WITH NCC
(BCA) REQUIREMENT

NOTE:

ALL EXPOSED TIMBER ELEMENTS ABOVE GROUND, TO BE H3 TREATED
ALL TIMBER ELEMENTS IN OR ON THE GROUND, TO BE H4 TREATED.
ALL TIMBER ELEMENTS IN OR ON THE GROUND SUBJECTED TO FRESH
WATER, TO BE H5 TREATED.
ALL TIMBER ELEMENTS IN OR ON THE GROUND SUBJECTED TO SEA
WATER, TO BE H6 TREATED

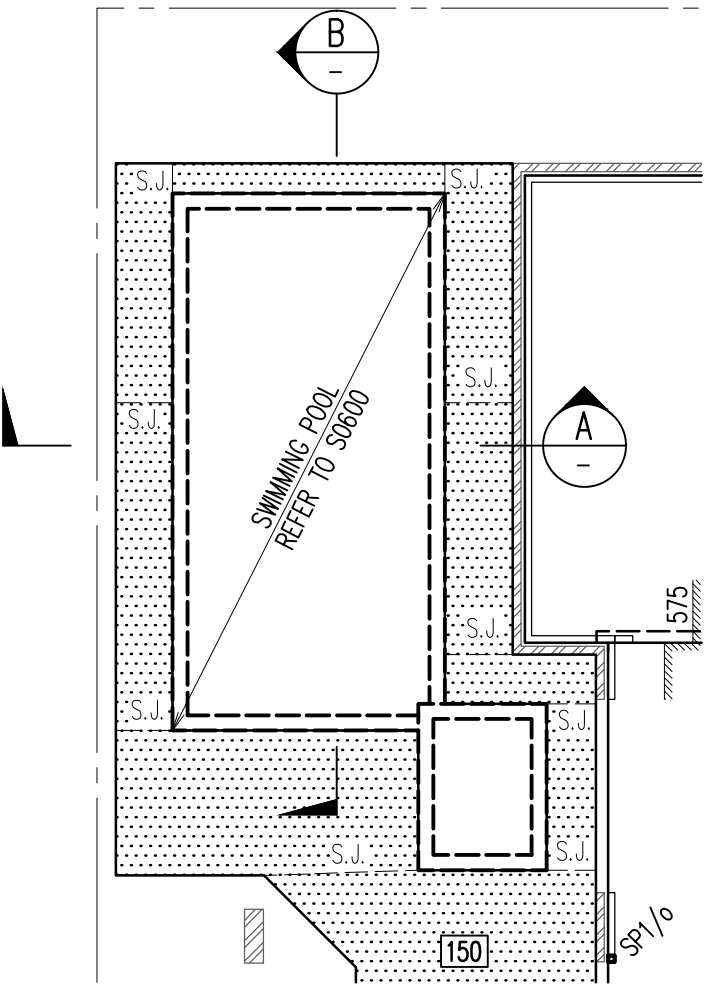
NOTE:
ALL TIMBER FLOOR JOIST & CONNECTIONS TO
COMPLY WITH RELEVANT SECTIONS OF AS1684
RESIDENTIAL TIMBER FRAMED CONSTRUCTION
AS1684.2 BY ASSOCIATED CONTRACTOR.

NOTE:
ALL EXPOSED STEEL MEMBERS ARE TO BE HOT
DIPPED GALVANIZED

NOTE:
BUILDER TO PROVIDE TREATMENT FOR
THE PROTECTION OF THE BUILDING
FROM SUBTERRANEAN TERMITES IN
ACCORDANCE WITH AS3660.

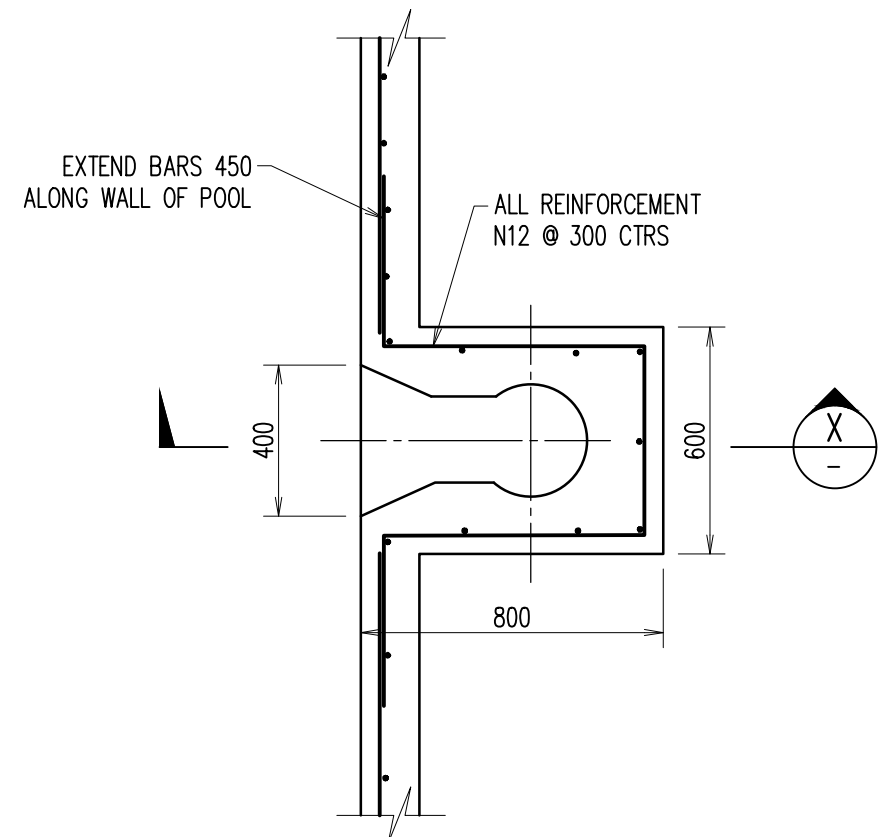
PRELIMINARY
NOT FOR CONSTRUCTION

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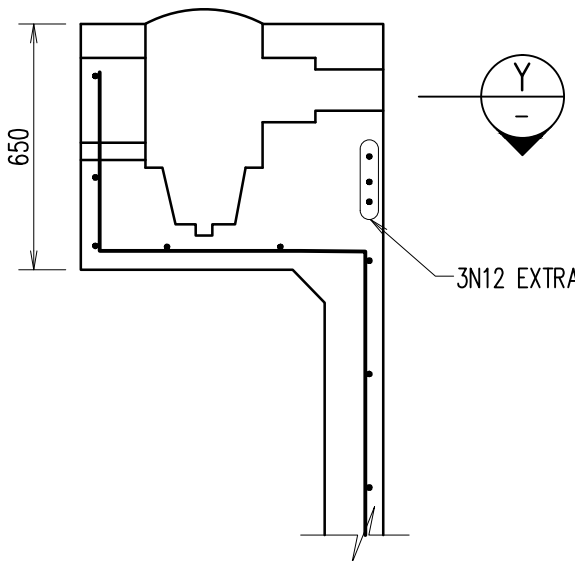
POOL PLAN

- DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURALS.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT, LEVELS.
- DO NOT SCALE ANY DIMENSIONS FROM STRUCTURAL DRAWINGS FOR SETTING OUT PURPOSES.

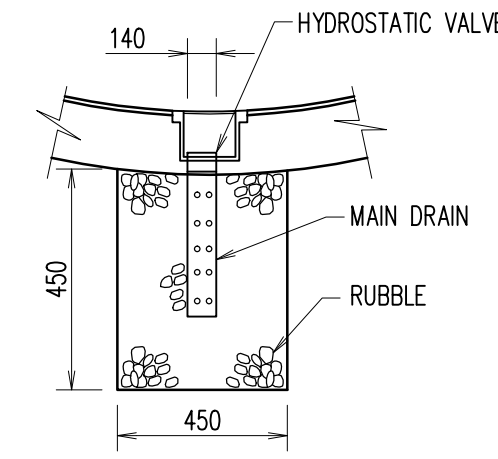


PLAN - SECTION Y-Y

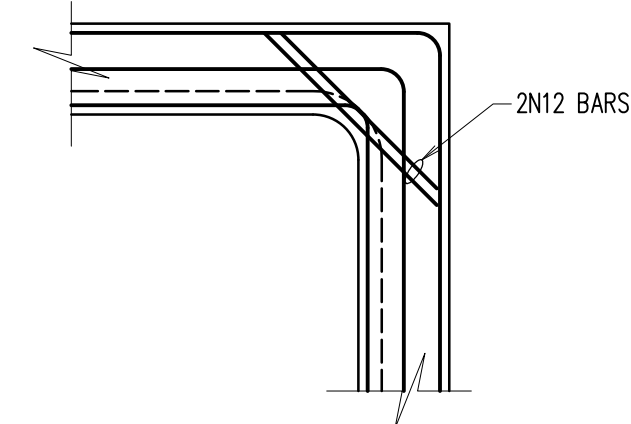
SKIMMER BOX DETAIL



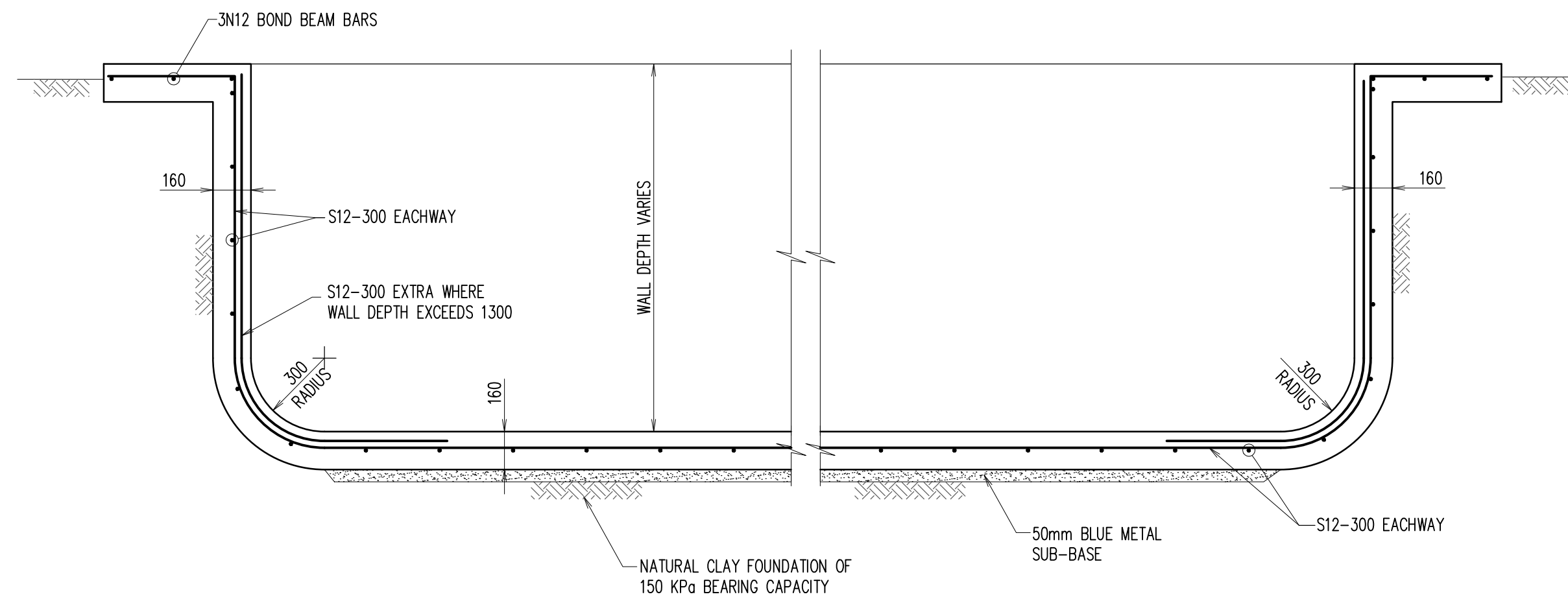
ELEVATION - SECTION X-X



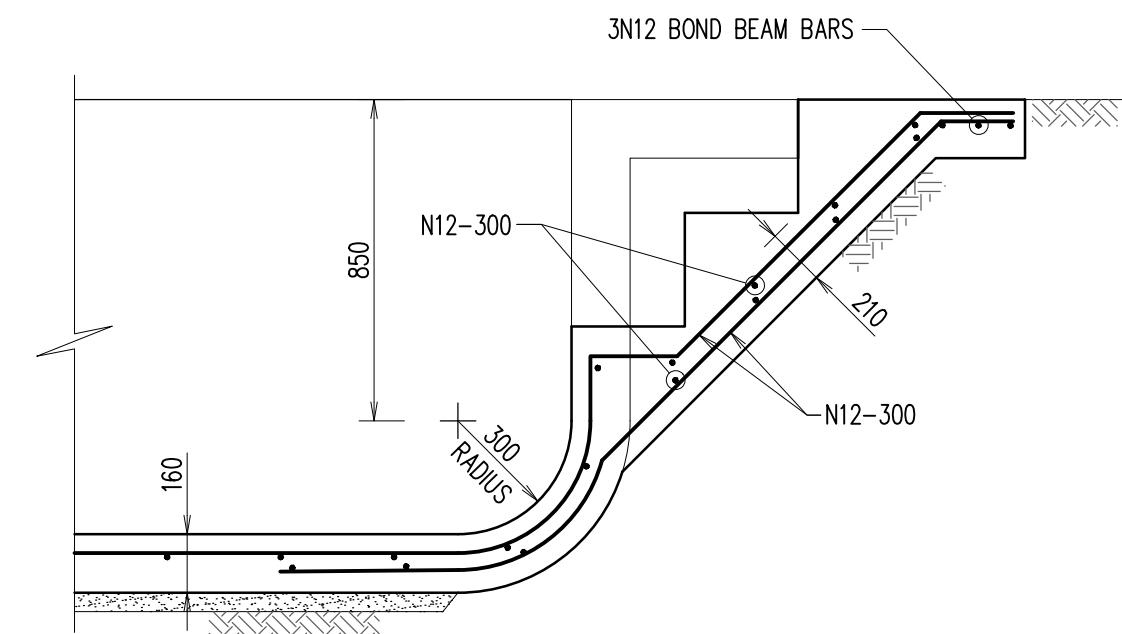
MAIN DRAIN DETAIL



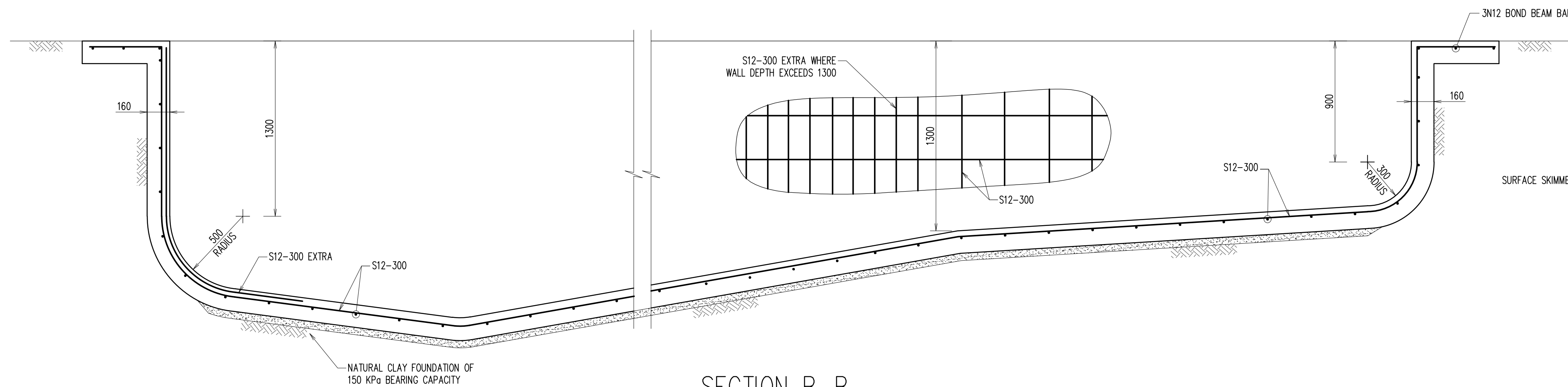
BOND BEAM
CORNER DETAIL



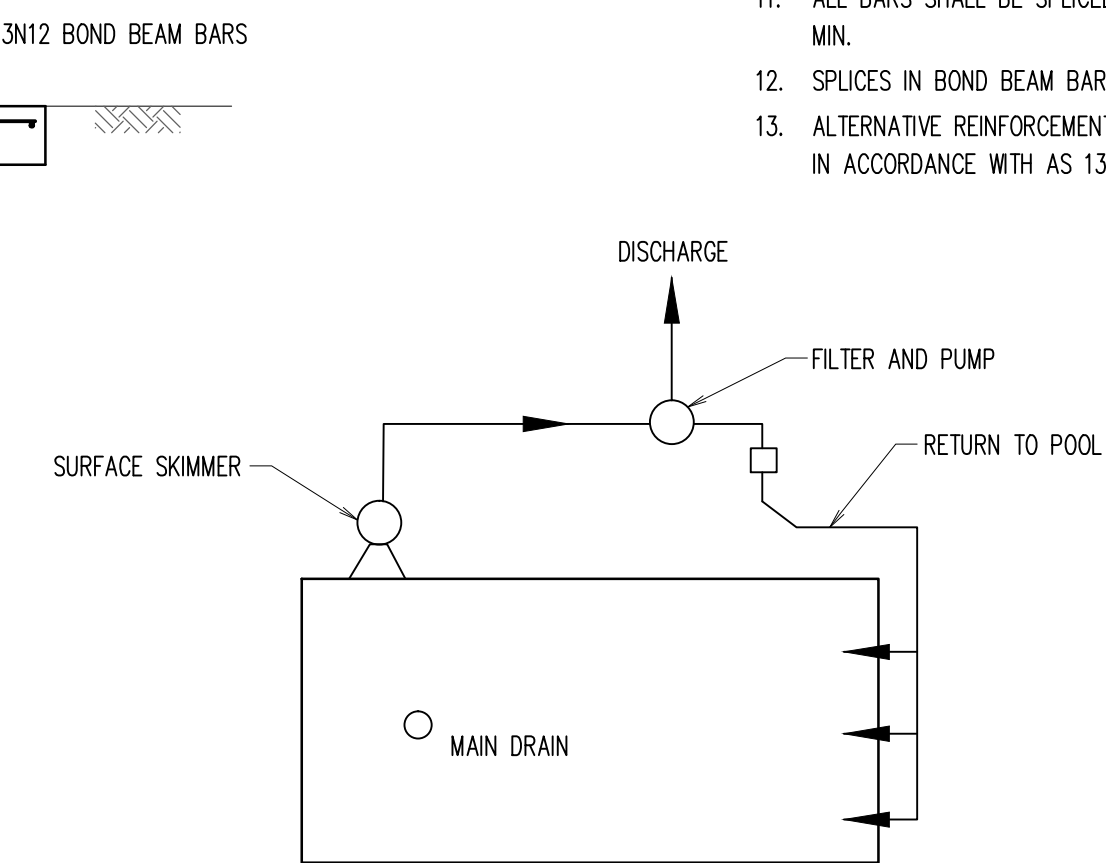
SECTION A-A



SECTION THROUGH STEPS



SECTION B-B



PLUMBING LAYOUT

DIAGRAMATIC ONLY

SPECIFICATION

- PLUMBING IS TO BE IN ACCORDANCE WITH WRITTEN RECOMMENDATIONS OF FILTER MANUFACTURER.
- WALKWAYS ARE NOT DESIGNED TO SUPPORT MASONRY WALLS UNLESS OTHERWISE NOTED.
- DESIGN LIVE LOAD FOR WALKWAYS AND CONCOURSES 3 kPa.

CONSTRUCTION NOTES

- ALL SETOUT DIMENSIONS LOCATING POOL TO BE TAKEN FROM ARCHITECTURAL DRAWINGS.
- WRITTEN DIMENSIONS TO BE TAKEN IN REFERENCE TO SCALE.
- ENGINEER TO BE ADVISED IF EXCAVATION IS IN FILL OR IF EXCESSIVE GROUND WATER IS ENCOUNTERED.
- SUPPORTING FOUNDATION MATERIAL TO BE STABLE CLAY NATURAL OF UNIFORM MOISTURE CONTENT WITH SAFE BEARING CAPACITY OF 150 kPa.
- WHERE IT IS CONSIDERED THAT GROUND WATER CAN BUILD UP TO A LEVEL 500mm ABOVE THE FLOOR OF THE EXCAVATION ADEQUATE DRAINAGE SHALL BE PROVIDED UNDER THE POOL FLOOR.
- CONCRETE TO HAVE A MINIMUM DESIGN STRENGTH OF f_c 25 MPa AT 28 DAYS CONCRETE TO BE PNEUMATICALLY APPLIED.
- UPON COMPLETION OF CONCRETING THE HYDROSTATIC VALVE IS TO BE CHECKED TO ENSURE EFFECTIVE AND SUFFICIENT OPERATION.
- ALL REINFORCEMENT TO BE SUPPORTED BY BAR CHAIRS.
- REINFORCEMENT IS TO BE STRUCTURAL GRADE DEFORMED BAR GRADE TO 230 TO AUSTRALIAN STANDARD AS1302.
- WATER FACE REINFORCEMENT TO HAVE 65mm CONCRETE COVER REAR FACE REINFORCEMENT HAVE 50mm COVER FROM REAR FACE IF FORMED AND 65mm COVER IF SPRAYED AGAINST GROUND.
- ALL BARS SHALL BE SPLICED 40 BAR DIAMETERS MIN.
- SPLICES IN BOND BEAM BARS SHALL BE STAGGERED.
- ALTERNATIVE REINFORCEMENT TO BE TEMCORE BARS IN ACCORDANCE WITH AS 1302 410 Y

**PRELIMINARY
NOT FOR CONSTRUCTION**

A1 0 1 2 3 4 5 6 7 8 9 10

No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE
A	PRELIMINARY ISSUE	M.T.	M.T.	17.08.20										

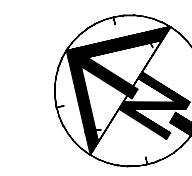
ARCHITECT
TASMEEM PTY LTD.

CLIENT
MADINA AKBARI



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PROJECT
RESIDENTIAL DWELLING
21 SEVILLE CIRCUIT,
GLEDSWOOD HILLS, NSW



SHEET SUBJECT
SWMMING POOL PLAN
AND DETAILS

ARCH. REF:
N/A

PROJECT		21 SEVILLE CIRCUIT, GLEDSWOOD HILLS NSW, 2557			
DATE	DRAWN	DESIGNED	CHECKED		
SEP 2019	C.R.	M.T.	A.N.		
SCALE @ A1		JOB No			
1:20			200044		
AUTHORISED		DWG No	REV		
A.S.H.		S0600	A		