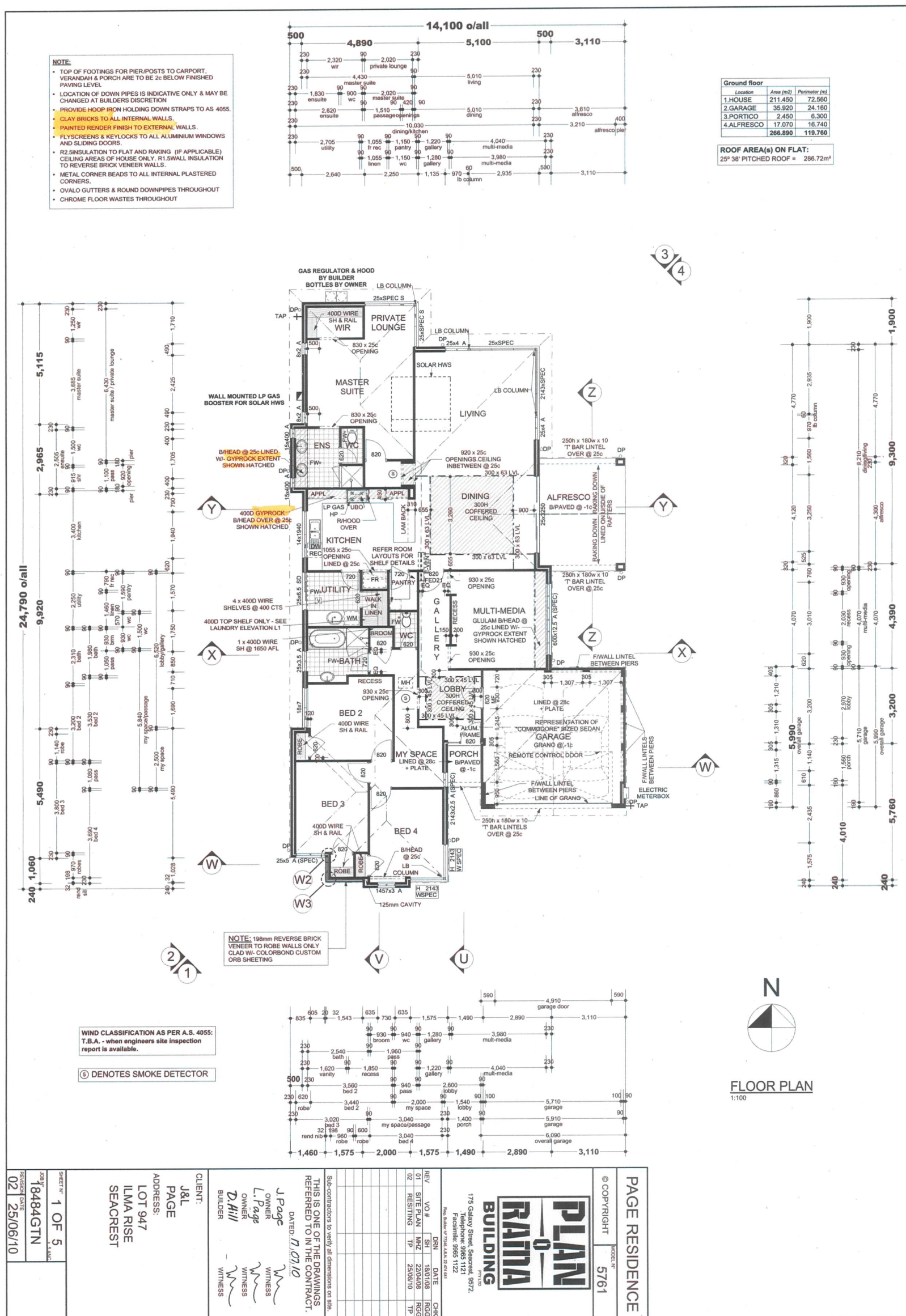
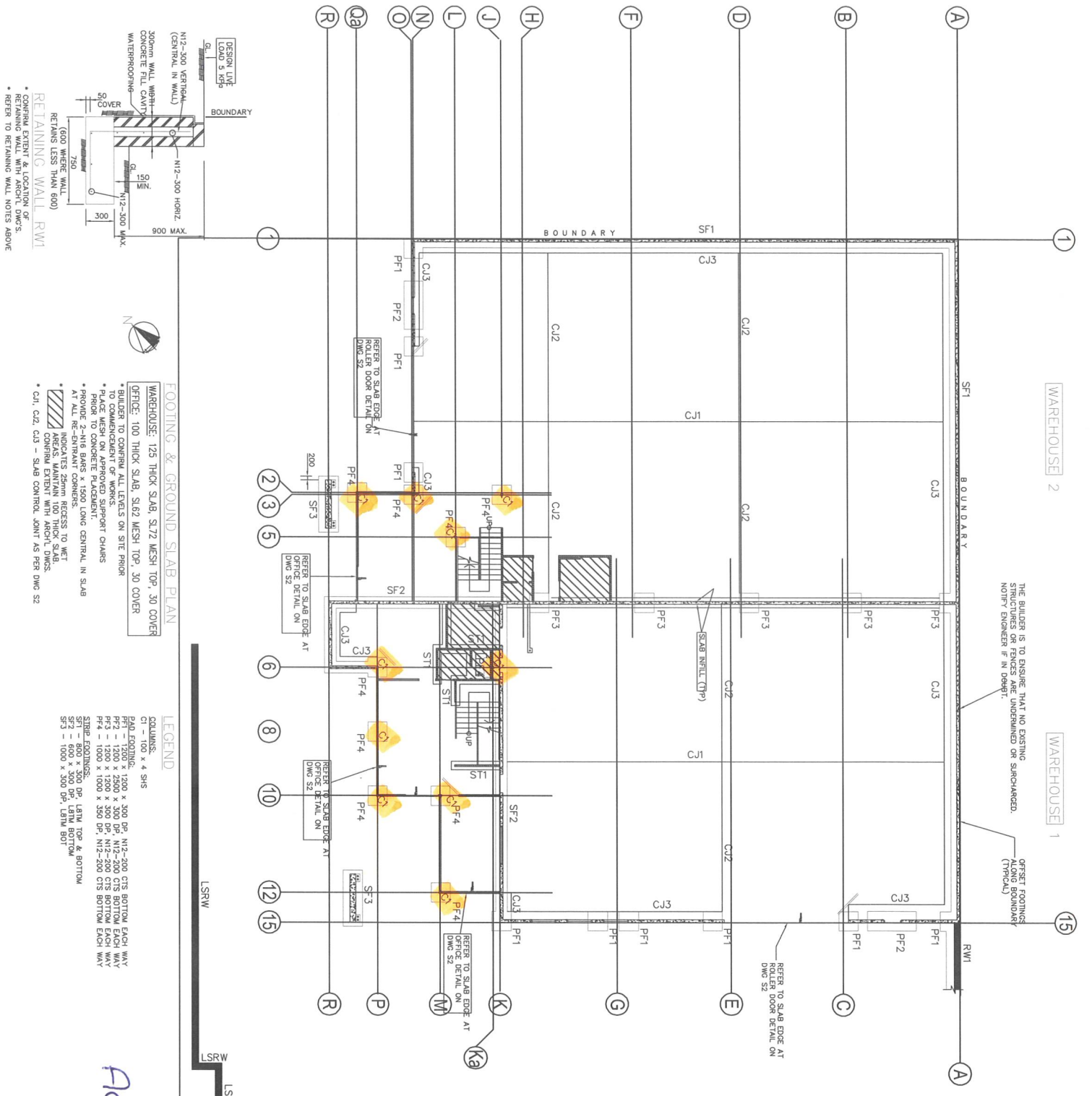






WAREHOUSE 2

WAREHOUSE 1

THE BUILDER IS TO ENSURE THAT NO EXISTING STRUCTURES OR FENCES ARE UNDERMINED OR SURCHARGED. NOTIFY ENGINEER IF IN DOUBT.

FOOTING & GROUND SLAB PLAN

WAREHOUSE: 125 THICK SLAB, S2.72 MESH TOP, 30 COVER
OFFICE: 100 THICK SLAB, S2.72 MESH TOP, 30 COVER

LEGEND

COLUMNS:
C1 - 100 x 4 SHS

PF1 - 1200 x 300 DP, N12-200 CTS BOTTOM EACH WAY
PF2 - 1200 x 2500 x 300 DP, N12-200 CTS BOTTOM EACH WAY
PF3 - 1200 x 2500 x 300 DP, N12-200 CTS BOTTOM EACH WAY
PF4 - 1200 x 2500 x 300 DP, N12-200 CTS BOTTOM EACH WAY
SF1 - 600 x 300 DP, L81N TOP & BOTTOM
SF2 - 600 x 300 DP, L81N BOT

LSRW

LSRW

Activity 3, C

BRICK RETAINING WALL NOTES

1. CONSTRUCT ALL BRICK MASONRY AND POINT OF RETAINING WALL TO 100mm ABOVE FINISH GRADE.
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STEEL FRAMING LEGEND – TIMBER DECK

COLUMNS

SC.1 150 x 150 x 5.0 SHS DECK SUPPORT STEEL POST TO UNDERSIDE OF FLOOR BEAMS + SPLICED WITH TP.1

MAXIMUM 4000mm HIGH FROM FOOTING

SC.2 75 x 75 x 4.0 SHS DECK SUPPORT STEEL POST TO UNDERSIDE OF FLOOR BEAMS - CURTAILED

MAXIMUM 3000mm HIGH FROM FOOTING

NOTE SC.2

SC.2 90 x 90 x 5.0 SHS DECK SUPPORT STEEL POST TO UNDERSIDE OF FLOOR BEAMS - CURTAILED FOR HEIGHTS GREATER THAN 3000mm HIGH FROM FOOTING

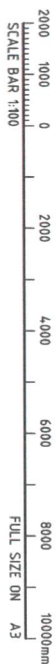
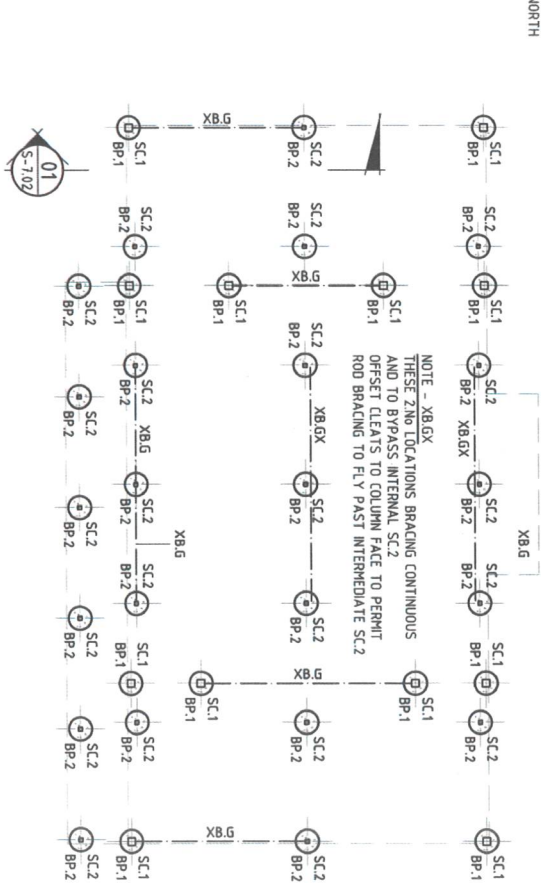
BRACING

X.B.G M16 BRACING ROD CROSS BRACING ROD + TENSIONING DEVICE

X.B.GX M16 BRACING ROD CROSS BRACING ROD + TENSIONING DEVICE - CLEAT VARIATION FIXING AT SC.2

EXTERNAL STEEL WORK INCLUDING FIXINGS + FASTENERS TO BE HOT DIP GALVANISED - TYPICAL UNLESS NOTED OTHERWISE

THE BUILDER IS TO CONFORM WITH ARCHITECT'S SPECIFICATION FOR PAINT FINISH AND TREATMENT TO ALL INTERNAL + EXPOSED STEELWORK.



FOOTING PLAN

INDICATIVE LAYOUT

FOOTING LEGEND

BP.1 450mm DIAMETER CONCRETE BORED PIER - AT SC.1
CONCRETE GRADE 25 MPa
REINFORCEMENT 5.M12
VERTICAL LIGS R6 HELIX - 200mm PITCH
COVER 40mm TOP + SIDES
75mm BASE OF PIER

BP.2 450mm DIAMETER CONCRETE BORED PIER - AT SC.2
CONCRETE GRADE 25 MPa
REINFORCEMENT 5.M12
VERTICAL LIGS R6 HELIX - 200mm PITCH
COVER 40mm TOP + SIDES
75mm BASE OF PIER

REFER TO TYPICAL SECTIONS FOR ADDITIONAL DETAILS AND GROUND BEARING CAPACITY REQUIREMENTS - REFER DRAWING S-7.02

EXISTING SERVICES LOCATIONS UNKNOWN
EXISTING STRUCTURES ARE NOT TO BE UNDERMINED BY THE NEW FOOTINGS
ALL STRUCTURES WITHIN INFLUENCE ZONE OF NEW FOOTINGS TO BE MADE STABLE

NOTE
ALL EXISTING SERVICES CONFERRED ON SITE BY THE BUILDER
PRIOR TO THE COMMENCEMENT OF WORKS.

NOTE
SITE GROUND CONDITIONS CAN VARY SIGNIFICANTLY OVER A SHORT DISTANCE.
FOUNDING DEPTHS OF PIERS WILL VARY IN ACCORDANCE WITH THESE CONDITIONS.
IN ALL INSTANCES IRRESPECTIVE OF DESIGN / SPECIFIED PIER DEPTH
PIERS TO BE EXTENDED AS REQUIRED TO SOCKET INTO NATURAL WEATHERED ROCK
400 MPa MINIMUM ALLOWABLE BEARING PRESSURE AS NOMINATED ON THIS DRAWING
MINIMUM 300mm SOCKET.
ALL TO BE DETERMINED AND CONFERRED ON SITE BY BUILDER.

Issue	Revision Description	By	Date
A	CONSTRUCTION ISSUE	SOG	02.07.20



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This Drawing is Full Size On A3 - Do Not Scale This Drawing - IF IN DOUBT ... ASK!
Any Discrepancies Contact Structural Engineers Online For Verification Before Construction

Drawing Title

FOOTING PLAN + DETAILS

Project Description

PROPOSED TIMBER DECK + ROOF STRUCTURE DESIGN

Project No.	200078	Designed By	K.M
Drawing No.	S-2.01	Revision	A
Discipline	STRUCTURAL	Drawn By	S.O.G
Drawing Status	CONSTRUCTION	Checked By	Z.K
		Date Drawn	02.07.2020