



ROOF FRAMING PLAN

SCALE - 1:50
 0 1 2m

STRUCTURAL NOTES:

- GENERAL:**
- CONSTRUCT WORKS IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATION FOR SMALL BUILDING WORKS, ALL RELEVANT AUSTRALIAN STANDARDS, THE BUILDING CODE OF AUSTRALIA (NCC) AND FOR PROPRIETARY ITEMS - THE MANUFACTURERS SPECIFICATIONS.
 - REFER ANY DISCREPANCIES TO THE SUPERINTENDENT OR SUPERINTENDENTS REPRESENTATIVE IMMEDIATELY.
 - DO NOT OBTAIN DIMENSIONS BY SCALING FROM DRAWINGS.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED (U.N.O.).
 - VERIFY SETTING OUT DIMENSIONS SHOWN ON THE DRAWINGS PRIOR TO FABRICATION AND CONSTRUCTION.
 - ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE SAA CODES AND RELEVANT BUILDING AUTHORITY.
 - THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING LOADS (TO AS1170 PARTS 1 & 2):

WIND LOADS (IN ACCORDANCE WITH AS1170 PART 2)	
IMPORTANCE LEVEL:	2
Ms, Mt	1.1
WIND REGION	C
REGIONAL WIND SPEEDS	
V ₅₀₀	69.3m/s (ULS)
V ₂₀	45m/s (SLS)
TERRAIN CATEGORY	2
LIVE LOADS (IN ACCORDANCE WITH AS1170 PART 1)	
SLAB	2kPa
THE ALLOWABLE FOUNDATION BEARING PRESSURE	100kPa

EXISTING CONDITIONS AND SERVICES
 CONTRACTOR TO ENSURE THAT NEW WORKS DO NOT DAMAGE ANY EXISTING SERVICES. CONTRACTOR TO LOCATE ALL EXISTING SERVICES IN THE VICINITY OF SITE OF WORKS. IT IS NOT THE INTENTION OF THESE DRAWINGS TO SHOW EXISTING UNDERGROUND PIPES AND SERVICES. DUE CARE SHOULD BE MAINTAINED WHEN EXCAVATING IN ALL AREAS.

FOUNDATIONS

- SUB-BASE FOR SLABS ON GROUND AND BACKFILL OVER FOOTINGS FROM 50mm BELOW SLAB SOFFIT TO NATURAL GROUND SHALL BE 150mm MIN. APPROVED GRANULAR MATERIAL PLACED LOOSE IN LAYERS OF 150mm MAX. AND COMPACTED TO AT LEAST 95% OF THE MODIFIED DRY DENSITY IN ACCORDANCE WITH AS3798-1996.
- SURFACE TO BE STRIPPED OF ALL ORGANIC MATTER AND PROOF ROLL SUBGRADE TO 95% MMDD.
- SELECTED FILL SHALL BE A GRAVEL, DECOMPOSED OR BROKEN ROCK, FREE FROM ORGANIC MATTER AND LUMPS OF CLAY AND SHALL COMFORM TO THE FOLLOWING CRITERIA:

A.S. METRIC SIEVE	% PASSING BY WEIGHT
75.0 mm	100
9.5 mm	30 - 100
2.36 mm	15 - 65
0.075 mm	5 - 25

% PASSING 0.075mm / PASSING 2.36mm - 0.2% - 0.4%
 LINEAR SHRINKAGE (PASSING 0.425mm) - 2% - 8%
 MINIMUM 4 DAY SOAKED C.B.R. (95% REL. COMP.) - 30%

STEEL WORK:

- ALL BOLTS ARE TO BE GRADE 4.6/S IN ACCORDANCE WITH AS4100 & ASSOCIATED STANDARDS UNLESS NOTED OTHERWISE (U.N.O.). THREAD PROJECTION BEYOND NUT SHALL BE MINIMUM 1 THREAD.
- ALL WELDS TO BE 6mm CONTINUOUS FILLET WELDS CLASS GP U.N.O.
- ALL WELDS SHALL BE IN ACCORDANCE WITH AS1554 WITH E41XX ELECTRODES.
- ALL WORKMANSHIP TO BE IN ACCORDANCE WITH AS4100 AND AS1554.
- ALL STEELWORK SHALL BE IN ACCORDANCE WITH AS4100 AND STEEL GRADE AS FOLLOWS:
 - GRADE 250 FOR HOT ROLLED PLATES TO AS3678.
 - GRADE 350 FOR RHS AND SHS TO AS1163.
- ALL STEELWORK TO BE HOT DIP GALVANISED.
- ALL CLEATS TO BE 8mm THICK U.N.O.
- GALVANISED STEELWORK THAT IS SITE WELDED OR SUSTAINS ANY OTHER TYPE OF SURFACE DAMAGE SHALL BE THOROUGHLY DEGREASED USING SOLVENT IN ACCORDANCE WITH AS 1627.1, RINSED THOROUGHLY WITH CLEAN WATER AND LIGHTLY ABRADED. PAINT SHOULD CONFORM TO AS/NZS 3750.9 'PAINTS FOR STEEL STRUCTURES - ORGANIC ZINC RICH PRIMER' APPLIED IN 2 COATS BY BRUSH TO PROVIDE A TOTAL FILM THICKNESS OF 100 MICRON AND SHOULD CONTAIN NO LESS THAN 85% ZINC IN THE DRIED PAINT FILM.

CONCRETE:

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3600.
- SPLICES FOR REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS. WHERE NOT SPECIFIED, MINIMUM SPLICE LENGTHS SHALL CONFORM TO THE FOLLOWING CRITERIA:

2.1.	N12 - 375	N16 - 500
	N20 - 750	N24 - 900
- FABRIC TO OVERLAP TWO TRANSVERSE WIRES ON EACH SHEET.

MEMBER SCHEDULE...

MEMBER No	DETAILS
WF 1 - WF 5	METAL STUD WALL - REFER DRAWING SHEET A11 FOR WALL FRAME ELEVATIONS AND NOTES.
C1	75 x 4.0 SHS COLUMN.
M1	75 x 3.0 SHS MULLION.
R1	125 x 75 x 4.0 RHS RAFTER.
P1	100 x 50 x 3.0 RHS PURLIN.
SB1	75 x 3.0 SHS SILL BEAM.
LB1	75 x 3.0 SHS LINTEL BEAM.

<p><small>DISCLAIMER</small> THIS IS NOT A CONTROLLED DOCUMENT. VERIFY IT IS CURRENT BEFORE USE. THIS IS A REPRESENTATIONAL DRAWING. DO NOT ASSUME THAT THIS DRAWING IS COMPLETE. ACCURATE OR DRAWN EXACTLY TO SCALE. THIS DRAWING IS CERTIFIED AS IS AND ONLY FOR THIS PROJECT (UNLESS NOTED OTHERWISE). ANY ALTERATIONS OF THIS DRAWING IN ANY WAY RENDERS THE CERTIFICATION INVALID. USE OF INFORMATION FROM THIS DRAWING FOR ANY OTHER PROJECT OR OTHER ELEMENT OF THIS PROJECT REQUIRES VERIFICATION OF ITS ADEQUACY AND NEW CERTIFICATION ISSUED.</p>				<p>CONCURRED STRUCTURAL ONLY NORTHERN TERRITORY GOVERNMENT DEPARTMENT OF INFRASTRUCTURE, PLANNING & LOGISTICS Level 4, Highway House, Palmerston Circuit, Palmerston PO Box 61, Palmerston NT 0831</p> <p>Signed: <i>Jorge Mu</i> 25/11/20 Registration No.: 33896ES</p>		<p>DRAWN S.G. CHECKED - DATE: OCT. 2020 DATE: - DESIGNED S.G. CHECKED - DATE: OCT. 2020 DATE: - DESIGN PROJECT LEADER NTG PROJECT MANAGER DATE: - DATE: -</p>		<p>STANDARD DRAWINGS REST AREA INFRASTRUCTURE TOILET BLOCK</p> <p>Roof Framing Plan</p>	
0	ISSUED AS A STANDARD DRAWING	25/11/20	SG	DIPL	<p>Northern Territory Government</p>			<p>NTG PROJECT No. - NTG ASSET No. - SHEET No. A09 OF 15 NTG DRAWING No. CS3808 AMENDMENT 0 SHEET SIZE A3</p>	