STRUCTURAL DRAWINGS FOR PROPOSED DRIVEWAY AT '17 MARETIMO STREET, BALGOWLAH'

G1. ALL THE STRUCTURAL NOTES ARE INTENDED AS A GUIDE. THERE IS ALWAYS A POSSIBILITY OF SITE CONDITIONS REQUIRING VARIATIONS TO THESE PROCEDURES, IN SUCH CASES, THE ENGINEER MUST BE CONSULTED.

G2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ALL DISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT AND CAM CONSULTING AND BE RESOLVED BEFORE WORK PROCEEDS.

G3. ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF WORK COVER AND THE OH&S ACT.

G4. ALL DIMENSIONS SHOWN AND/OR RELEVANT TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY THE BUILDER BEFORE CONSTRUCTION AND FABRICATION IS COMMENCED. ENGINEER'S DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.

G5. DURING CONSTRUCTION THE BUILDER SHALL MAINTAIN SAFE AND STABLE THE STRUCTURE AND NEIGHBOURING STRUCTURES, NO PART SHALL BE OVERSTRESSED, TEMPORARY BRACING SHALL BE PROVIDED BY THE BUILDER TO KEEP THE WORKS AND EXCAVATIONS STABLE AT ALL TIMES.

G6. UNLESS NOTED OTHERWISE. ALL LEVELS ARE EXPRESSED IN METERS AND ALL DIMENSIONS ARE IN MILLIMETERS.

G7. THE APPROVAL OF A SUBSTITUTION SHALL BE SOUGHT FROM THE ENGINEER, SUCH SUBSTITUTION SHALL NOT BE AN AUTHORIZATION FOR A VARIATION TO THE CONTRACT, ANY VARIATIONS INVOLVED MUST BE TAKEN UP WITH THE ARCHITECT REFORE THE WORK COMMENCES.

G8 ALL PROPS AND FORMWORK FOR BEAMS AND SLABS SHALL BE REMOVED BEFORE CONSTRUCTION OF ANY MASONRY WALLS OR PARTITIONS ON THE FLOOR.

G9. ALL NON-LOAD BEARING WALLS SHALL BE KEPT CLEAR OF THE UNDERSIDE OF SLABS AND BEAMS BY 20mm UNLESS OTHERWISE SHOWN.

G10. ABBREVIATIONS USED: ALTERNATIVE AI T

BTM BOTTOM CTS CENTRES BRICK / BLOCK COURSE C/S DIA DIAMETER FGL FINISHED GROUND LINE GALV HOT DIP GALVANISED MAX MAXIMUM MINIMUM MIN NOT SHOWN ON PLAN

U.N.O UNLESS NOTED OTHERWISE

U/S UNDERSIDE

INSPECTIONS

NSOP

II. THE PURPOSE OF THE STRUCTURAL INSPECTIONS IS TO VERIFY THAT THE BUILDER HAS COMPLIED WITH THE REQUIREMENTS OF THE CONTRACT STRUCTURAL DOCUMENTATION, NOT TO BE THE FIRST CHECK OF A SUBCONTRACTOR'S INTERPRETATION OF THESE REQUIREMENTS. SHOULD THE WORK CLEARLY BE UNSATISFACTORY AT THE TIME THE INSPECTION IS ARRANGED. THE VISIT AND SUBSEQUENT 'ABORTIVE' INSPECTION VISITS (INCLUDING ASSOCIATED TRAVEL AND OFFICE TIME) WILL BE CHARGED TO THE BUILDER.

D1. STRIP TOPSOIL AND VEGETATION 200MM MINIMUM DEPTH AND STOCKPILE

D2. THE SITE IS TO BE BENCHED BY CUT AND FILL TO DESIRED LEVELS, ALL EXCAVATION AND BACKFILL SHALL BE CARRIED OUT NEATLY TO THE LINES, LEVELS AND GRADES SPECIFIED BY

D3. FILL IS TO BE PLACED IN 150MM MAXIMUM LAYERS AND THOROUGHLY COMPACTED USING EXCAVATOR. UNLESS THIS FILL IS COMPACTED IN ACCORDANCE WITH CLAUSE 6.4.2 OF AS2870, IT IS NOT ADEQUATE TO PROVIDE LONG TERM STRUCTURAL SUPPORT TO THE SLAB/FOOTING SYSTEM AND THEREFORE, PIERS MUST BE INSTALLED, ALTERNATIVELY, THE FILL CAN BE PLACED. TESTED AND CERTIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER AS "CONTROLLED FILL" AS DEFINED IN AS3798. THIS IS THEN DEEMED TO BE ADEQUATE TO SUPPORT THE SLAB/FOOTING SYSTEM.

D4. THE FILL IS TO EXTEND PAST THE EDGE OF THE HOUSE BY AT LEAST ONE METRE AND SHALL BE BATTERED OFF AT NOT STEEPER THAN TWO HORIZONTALLY TO ONE VERTICALLY OR RETAINED BY A SUITABLE STRUCTURE PROVIDED BY THE OWNER OR BUILDER AS SOON AS POSSIBLE, FALL AWAY FROM EDGE TO NCC/BCA CLAUSE 3.1.2.3.

D5. THE FINISHED LEVELS SHALL ALLOW FOR THE MAIN SLAB LEVEL TO BE AT LEAST 300MM ABOVE THE ADJACENT GROUND. SURFACE DRAINAGE SHALL BE PROVIDED AS REQUIRED TO AVOID THE POSSIBILITY OF WATER PONDING NEAR THE SLAB, A FALL OF 50MM OVER A DISTANCE OF ONE METRE AWAY FROM THE SLAB IS CONSIDERED ADEQUATE. SUBSOIL DRAINS (AGRICULTURAL DRAINS) ARE CONSIDERED DESIRABLE BUT SHOULD NOT BE LOCATED DIRECTLY ADJACENT TO THE FOOTINGS

D6, IT IS THE RESPONSIBILITY OF THE OWNER TO ENSURE THE SITE IS PROPERLY MAINTAINED. APPENDIX B OF AS2870 PROVIDES INFORMATION AND GUIDANCE ON THE MAINTENANCE OF FOUNDATION SITE CONDITIONS, SUBJECT TO ADOPTION OF THESE RECOMMENDATIONS THE BUILDING MAY EXPERIENCE MINOR DAMAGE BUT OF A SEVERITY NOT EXCEEDING THE LEVELS DEFINED IN APPENDIX C OF AS2870.

D7. TRENCH EXCAVATIONS FOR SERVICES OR AGRICULTURAL DRAINS PARALLEL TO THE EDGE OF THE SLAB SHALL BE IN WITH NOTE 'P5' OF THE BORED PIER NOTES.

D8. FOR ALL FILLED AREAS IN BUILDING PLATFORM, INTERNAL BEAMS ARE TO BE PIERED AT MAX, 2400 CTS, AT RIB INTERSECTIONS, UNLESS NOTED OTHERWISE.

FOOTING AND SLAB NOTES

F1. BORED PIERS / FOOTINGS / BEAMS ...ETC ARE TO BE FOUNDED ONTO CLAY U.N.O. WITH MINIMUM ALLOWABLE END BEARING PRESSURE 300kPa BEFORE ANY CONCRETE IS PLACED, THE SAFE BEARING CAPACITY SHALL BE VERIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER.

F2. THE FOOTING SYSTEM SPECIFIED ON THESE DRAWINGS WILL MEET THE PERFORMANCE REQUIREMENTS SET OUT IN CLAUSE 1.3 OF AS2870 (RESIDENTIAL SLABS AND FOOTINGS CODE), THE FOOTING SYSTEM INTENDED TO ACHIEVE ACCEPTABLE PROBABILITIES OF SERVICEABILITY AND SAFETY OF THE BUILDING DURING ITS DESIGN LIFE.

F3. THE FOOTING DETAILS SHOWN ARE FOR THE SITE CLASSIFICATION STIPULATED ABOVE. WHILST EVERY CARE HAS BEEN TAKEN TO VERIEY THAT THE INFORMATION SHOWN IS CORRECT, CAM CONSULTING PTY LTD TAKE NO RESPONSIBILITY FOR VARIATIONS WHICH MAY OCCUR DUE TO VARIATIONS IN SITE CONDITIONS

F4. DAMP PROOFING MEMBRANES ARE TO FORM CONTINUOUS BARRIER UNDER AND AROUND WHOLE SLAB, SLAB EDGES AND PIPE PENETRATION, THE DAMP PROOFING MEMBRANE MUST BE 0.2MM NOMINAL THICKNESS POLYTHENE FILM AND OF HIGH IMPACT RESISTANCE. DURING CONSTRUCTION, ACCORDANCE WITH AS2870 AND THE BCA (NCC), PUNCTURES AND BREAKS MUST BE REPAIRED BY THOROUGH TAPING BEFORE POURING CONCRETE, LAPS SHALL BE 200mm AT JOINTS MINIMUM, ANY PENETRATIONS THROUGH PLUMBING SERVICES MUST BE LAPPED. WRAPPED AROUND PIPES AND TAPED TO

E5 SLAB DETAILING AROUND PIPE PENETRATIONS THROUGH THE FOOTINGS/SLAB BEAMS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE DETAILS AND TO AS2870 AND AS3500.

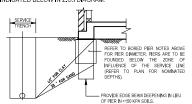
F6. SUBTERRANEAN TERMITE PROTECTION IS TO BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF AS3660.1.

P1, IT SHOULD BE NOTED THAT IF ANY OF THE FOOTING BEAMS ENCOUNTER ROCK OR SHALE, THEN ALL FOOTING BEAMS AND LOAD BEARING SPINE BEAMS SHALL BE PIERED TO ROCK OR

P2. PIERING TO STRATA OTHER THAN ROCK OR SHALE MAY BE DELETED FROM THE CUT AREA OF THE BUILDING PLATFORM IF AUTHORIZED BY THE ENGINEER

P3. ALL PIERS ARE TO BE CLEAN AND DE-WATERED PRIOR TO PLACEMENT OF CONCRETE. ENSURE CONSISTENT BEARING MATERIAL THROUGHOUT.

P4. WHERE A SERVICE TRENCH OR AGRICULTURAL DRAIN IS PARALLEL TO THE EDGE OF A SLAB, WHETHER THE SLAB BE IN EXCAVATED OR FILLED AREA, THEN PIERING TO SUPPORT THE SLAB RESIDE THE SERVICE TRENCH IS ONLY REQUIRED IF THE SERVICE LINE IS BELOW A LINE OF INFLUENCE DRAWN AS INDICATED BELOW IN Z.O.I DIAGRAM:



FOR CONSTRUCTION NEXT TO OR OVER EXISTING/PROPOSED SERVICES EASEMENT - FINAL EXTENT AND ZONE OF INFLUENCE TO BE DETERMINED BY ENGINEER PRIOR TO CONSTRUCTION OF FLOOR SLAB. DETAILS TO BE SUPPLIED FOLLOWING RECEIPT OF SEWER PEG OUT DETAILS.

Z.O.I. DIAGRAM

P5. THESE NOTES ARE INTENDED AS A GUIDE. THERE IS ALWAYS A POSSIBILITY OF SITE CONDITIONS REQUIRING VARIATIONS TO THESE PROCEDURES. IN SUCH CASES, THE ENGINEER MUST BE CONSULTED.

PLASTIC SHRINKAGE CRACKING CONTROL AND SLAB MAINTENANCE

M1. CONCRETE PLACING, VIBRATING AND CURING MUST BE CARRIED OUT IN ACCORDANCE WITH AS3600 AND AS2870 WHERE APPLICABLE

M2. WATER IS NOT TO BE ADDED TO THE CONCRETE ON SITE AS TO INCREASE THE SLUMP ABOVE THAT SPECIFIED.

M3. IT IS RECOMMENDED THAT AN APPROVED CURING COMPOUND BE APPLIED TO THE SLAB IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

M4, CAUTION SHOULD BE EXERCISED WHEN APPLYING BRITTLE FINISHES, SUCH AS CERAMIC TILES TO THE FLOOR SLAB, AN ISOLATING MORTAR BED OR AN APPROVED FLEXIBLE ADHESIVE SYSTEM IS RECOMMENDED.

M5. THE OWNER'S ATTENTION SHALL BE DRAWN TO APPENDIX 'A' "PERFORMANCE REQUIREMENTS AND FOUNDATION MAINTENANCE" OF AS2870 AND CSIRO PUBLICATION "FOUNDATION MAINTANANCE AND FOOTING PERFORMANCE: A HOMEOWNER'S GUIDE".

CONCRETE NOTES

C1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3600, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.

C2. UNLESS NOTED OTHERWISE:

- MAXIMUM AGGREGATE SIZE SHALL BE 20MM
- SLUMP DURING PLACING SHALL BE 100MM
- NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING

C3. CEMENT TYPE TO BE GP/GB AND 250KG MIN. CEMENT CONTENT PER m3.

C4. ALL CONCRETE CONSTRUCTION TO BE COMPACTED WITH A MECHANICAL VIBRATOR.

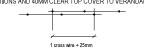
C5. REFER TO SLAB OR FOOTING PLAN SHEET FOR CONCRETE STRENGTHS

SYMBOL	TYPE		
R	STRUCTURAL GRADE ROUND BARS TO AS4671 (250MPA)		
S	STRUCTURAL GRADE DEFORMED BARS TO AS4671 (250MPA)		
N	TEMPCORE DEFORMED BARS TO AS4671 (500MPA)		
RL/SL	FABRIC TO AS4671 (500MPA)		
TM TRENCH MESH TO AS4671 (500MPA)			
NOTE: THE NUMBER FOLLOWING THE SYMBOL IS THE BAR DIAMETER IN MILLIMETERS.			

REINFORCEMENT FIXING NOTES

R1. ALL REINFORCING BAR AND FABRIC SHALL BE DESIGNATED AS SHOWN IN THE FOLLOWING TABLE AND SHALL COMPLY WITH THE APPROPRIATE CODES AS NOTED BELOW:

R2. IF SLAB FABRIC IS USED IT IS TO BE LAPPED ONE FULL SQUARE PLUS 25MM AT SPLICES AS SHOWN IN THE DIAGRAM BELOW AND PLACED ON CHAIRS AT ONE METRE CENTRES BOTH WAYS TO GIVE 20MM CLEAR TOP COVER IN SHELTERED LOCATIONS AND 40MM CLEAR TOP COVER TO VERANDAHS.



R3, BAR REINFORCEMENT COVERS ARE TO BE AS FOLLOWS:

STRIP FOOTINGS, WAFFLE AND RAFT SLABS COVER TO AS2870 - NON AGGRESIVE SOILS				
UNPROTECTED GROUND AND EXTERNAL EXPOSURE	40mm			
TO A MEMBRANE	30	mm		
INTERNAL SURFACE	20)mm		
AGGRESIVITY TO AS 2870 EXPOSURE CLASSIFICATION	SALINE SOIL	SULPHATE SOIL		
A1	AS ABOVE	40mm		
A2	45mm	50mm		
B1	50mm	60mm		
B2	55mm	65mm		
* REDUCE COVER BY 10mm WHERE CO	AST AGAINTS A D	AMP PROOF		

MEMBRANE

CONCRETE SURFACE CAST IN	PROJECT CONCRETE
FORMS COMPLYING WITH	EXPOSURE
AS3610	CLASSIFICATION TO AS
	2870
EXTERNAL EXPOSED TO ATMOSPHERE	B1
INTERNAL SURFACES	A1

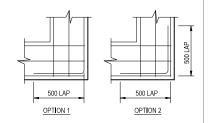
PROJECT EXPOSURE CLASSIFICATIONS.

R4. BAR REINFORCEMENT IS TO BE TIED BENEATH THE FABRIC IF USED OR OTHERWISE PLACED ON CHAIRS AND LAPPED AS

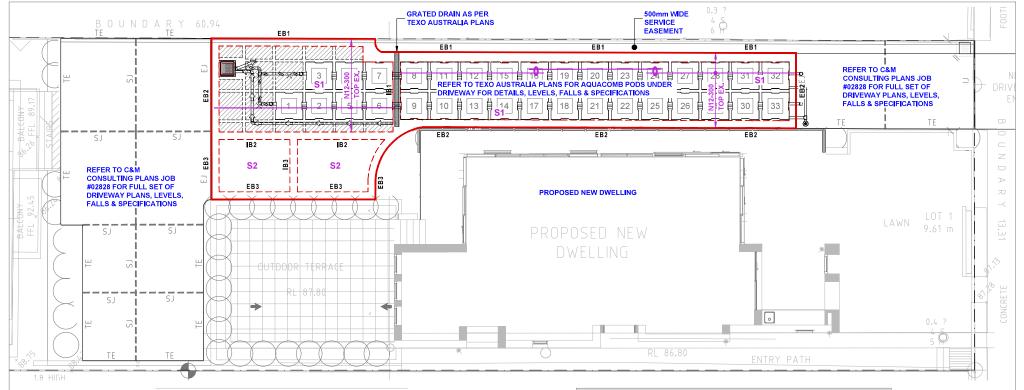
	BAR S I ZE	N12	N16	N20	N24	N28	N32
- 1	SPLICE LENGTH	500	700	900	1200	1350	1650

R5. WHERE EARRIC IS CUT TO PERMIT PIPE PENETRATION OF PIPES A 600 X 600 PIECE OF FABRIC IS TO BE SPLICED OVER THE PENETRATION.

R6. REINFORCING BARS SHALL HAVE A LAP LENGTH AT SPLICES NOT LESS THAN 500MM. AT 'T' AND 'L' INTERSECTIONS, THE BARS SHALL BE CONTINUED ACROSS THE FULL WIDTH OF THE INTERSECTION AT LINTERSECTIONS ONE OUTER BAR SHALL BE BENT AND CONTINUED 500MM (OPTION 1) OR A BENT BAR 500MM LONG ON EACH LEG SHALL BE PROVIDED (OPTION 2). REFER TO THE DIAGRAM BELOW:



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- 1					THIS DRAIGHD IS COPYRIGHT AND THE PROPERTY OF ANTIQUE PTYLTO,	4		✓ VD&D	CHARBIL KHOUDAIR	MRS, GIULIETTA	PROPOSED DRIVEWAY 'PART AREA'		CHECKED: CHARBIL KHOUDAIR	
					IF MUST NOT BE RETAINED, COPIED OR USED MITHOUT THE AUTHORITY OF ARRIVE PTYLING.			/ VLQL	CHARBIL KHOODAIK		PROFOSED DRIVEWAT FART AREA	ISSUED FOR CC	SCALE 1:100 on A3 DATE: FEB	2024
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DRIVEWAY SLAB 'PART' NOTES:

- REFER TO SHEET S001 S004 FOR RELEVANT STANDARD DETAILS
- 2. S1 SLAB TO BE 150mm THICK WITH SL82 MESH TOP + EXTRA BARS AS SHOWN ON PLANS POURED OVER 300mm PODS (STANDARD PODS & AQUACOMB PODS).
- 2. S2 SLAB TO BE 150mm THICK WITH SL82 MESH TOP SLAB ON GROUND
- REFER TO STANDARD NOTES FOR SUBGRADE PREPARATION & COMPACTION MUST BE ACCORDANCE WITH AS2870 RESIDENTIAL SLABS & FOOTINGS CODE.

WAFFLE S	LAB SPECIFICATION	S TABLE	WAFFLE SLAB LEGEND			
DR I VEWAY WA	AFFLE POD DEPTH (mm):	300				
SLAB THICKNE	ESS U.N.O. (mm):	150		DENOTES 300mm DENOTES AQUACOMB OSD PODS.		
TOP REINFOR	TOP REINFORCEMENT THROUGHOUT:		11	REFER TO TEXO AUSTRALIA PLANS FOR AQUACOMB		
TOP COVER:	INTERNAL (mm):	20		DETAILS, LEVELS, FALLS & SPECIFICATIONS		
	EXTERNAL (mm):	'45		1090mm x 1090mm x 300mm STANDARD WAFFLE POD		
BTM. COVER T	O BARS OVER MEMBRANE:	30				
	INFORCEMENT FOOTINGS VITH GROUND (mm):	50	EB/IB	DENOTES EDGE / INTERNAL BEAM. REFER TO DETAILS		
SLAB CONCRETE STRENGTH (fc):		25MPA		3N12 TRIMMER BARS TOP (2000 LONG) - 30 mm FROM CORNER AND TIED TO UNDERSIDE OF TOP MESH (TYPICAL).		
CONCRETE SL	_UMP (mm):	100		, , , , , , , , , , , , , , , , , , , ,		

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE STRUCTURAL NOTES SHEET AND THE SUBSEQUENT DETAIL SHEETS
 VERTICAL ARTICULATION JOINTS ARE TO BE PROVIDED TO BRICKWORK TO SUIT TYPE AND QUALITY OF BRICKWORK USED AND IN
- ACCORDANCE WITH THE B.C.A. (N.C.C.), AS4773 AND AS3700.

 3. UNLESS NOTED OTHERWISE, SERVICES IN EASEMENT(S) ADJACENT TO THIS PROPERTY HAVE NOT BEEN ASSESSED, EVALUATION OF THE EFFECTS OF ANY SERVICES WILL BE MADE FOLLOWING RECEIPT OF FURTHER INFORMATION. THIS INFORMATION WILL BE DOCUMENTED AS AN AMENDMENT TO THESE DRAWINGS IF REQUIRED.
- IT IS THE RESPONSIBILITY OF THE BUILDER (SUB-CONTRACTOR TO ENSURE CORRECT PIER SETOUT.
 ALL SUB-GRADE DISTURBED DUE TO THE REMOVAL OF ANY EXISTING
- STRUCTURE IS TO BE RE-COMPACTED AS PER NOTE "SITE PREPARATION NOTES" ON SHEET No. \$1.00. WHERE DISTURBED AREA BELOW STRIP FOOTINGS, SLAB EDGE OR INTERNAL BEAMS EXCEEDS 400mm, PROVIDE PIERS AS PER NOTES ON SHEET No. \$1.00
- 6. THE BUILDER IS TO PROVIDE TERMITE PROTECTION IN ACCORDANCE WITH AS3660.1

DAMP PROOF MEMBRANE NOTE

- ALL SLABS ARE TO BE POURED OVER ONE LAYER OF 0.2mm THICK UN-PUNCTURED POLYTHENE FILM HIGH IMPACT RESISTANCE DAMP PROOFING MEMBRANE IN ACCORDANCE WITH THE B.C.A. PART 3.2.2.6, AS2870 SECTION 5.3.3.2 (iii) A OR B AND C(iiii) AND AS4347.6, OVERLYING 50mm NOMINAL SAND BLINDING LAYER & COMPACTED FILL IF / AS REQUIRED, PLACED AND COMPACTED TO REQUIREMENTS NOTED ON SHEET No. S001.
- DAMP PROOFING MEMBRANES ARE TO FORM CONTINUOUS BARRIER UNDER AND AROUND WHOLE SLAB AND DRAINAGE. DURING CONSTRUCTION PUNCTURES AND BREAKS MUST BE REPAIRED BY THOROUGH TAPING BEFORE POURING CONCRETE. LAPS SHALL BE 200mm AT JOINTS MINIMUM.

 ANY PENETRATIONS THROUGH DAMP PROOF MEMBRANE FOR
- PLUMBING SERVICES MUST BE LAPPED, WRAPPED AROUND PIPES AND TAPED TO PIPE.

DESIGN IMPOSED LOADS

- NOTES.

 1.FOR IMPOSED LOADS GREATER THAN NOMINATED, CONTACT ANTSIN PTY LTD T/A VD&D DESIGN & PROJECT MANAGEMENT FOR 1.FOR IMPOSED LOADS GREATER THAN NOMINATED, CONTACT ANTSIN PTY LTD T/A VD&D DESIGN & PROJECT MANAGEMENT FOR 1.FOR IMPOSED LOADS GREATER THAN NOMINATED RELIGIUM ENGINE TO FARRICATION.
- CONFIRMATION OF MEMBER SIZES NOMINATED BELOW, <u>PRIOR</u> TO FABRICATION.

 2. **DIMENSIONS** ARE TO BE CONFIRMED ON SITE PRIOR TO FABRICATION, DESIGN IS BASED ON MAXIMUM SPANS EXTRACTED FROM THE ARCHITECTURAL DRAWINGS RECEIVED BY OUR FIRM

3 ROOFING, AS NOTED ON ARCHITECTURAL DRAWINGS OR AS SELECTED BY OTHERS - ASSUMED CONCRETE ROOF TILES.

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					AREBYS FROM THE USE OF THE DRAWLYS FOR OTHER THANKET STRENGED PURPOSE OR WHERE THE CRANKYS HAS BEEN ALTERED.	
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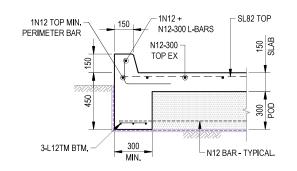


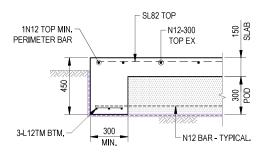
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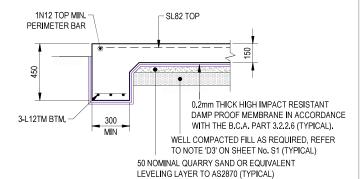
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PROJECT:
PROPOSED DRIVEWAY 'PART AREA'
17 MARETIMO STREET,
BALGOWLAH, NSW, 2093

DRAWING STATUS	DESIGNED: C.K.	DRAWN: S.V.		
	CHECKED: CHARE	L KHOUDAIR		
ISSUED FOR CC	SCALE 1:100 on A3	DATE: FEB 2024		
	PROJECT No.			
DRAWING TITLE:	PN23-083			
DRIVEWAY & OSD LAYOUT PLAN	DRAWING No:	REV ISSUE:		
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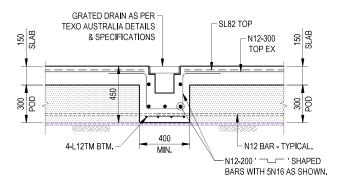


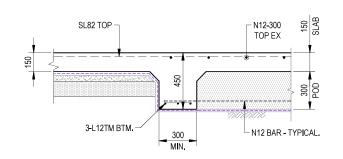


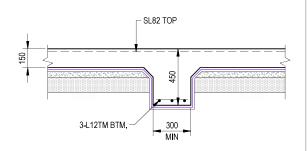
EDGE BEAM DETAIL (EB1)

EDGE BEAM DETAIL (EB2)

EDGE BEAM DETAIL (EB3)







INTERNAL STIFFENING BEAM (IB1)

INTERNAL STIFFENING BEAM (IB2)

INTERNAL STIFFENING BEAM (IB3)

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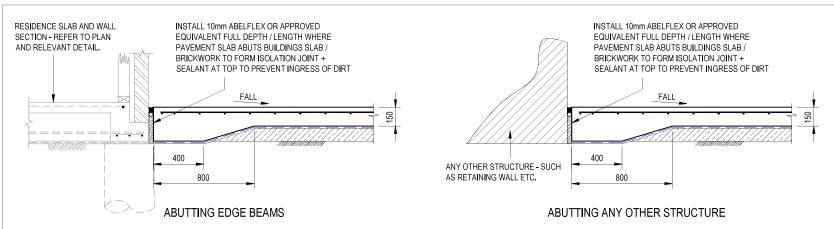




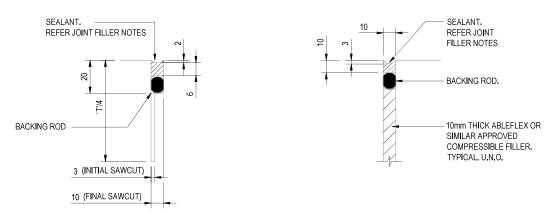
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REGISTERED PROFESSIONAL ENGINEER.
DESIGN PRACTITIONER AND PRINCIPAL
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CUENT:	PROJECT:
MRS. GIULIETTA CAMPANELLA	PROPOSED DRIVEWAY 'PART AREA' 17 MARETIMO STREET,
	BALGOWLAH, NSW, 2093

	DRAWING STATUS:	DESIGNED: C.K.	DRAWN: S.V.
	ISSUED FOR CC	CHECKED: CHARBIL KHOUDAIR	
		SCALE: 1:100 on A3	DATE: FEB 2024
		PROJECT No:	
	DRAWING TITLE:	PN23-083	
	DRIVEWAY DETAILS	DRAWING No:	REV ISSUE:
	DRIVEWAY DETAILS	S011	Α



TYPICAL ISOLATION JOINT (I.J.) DETAIL



JOINT PREPARATION TYPE 'A'

JOINT PREPARATION TYPE 'B'

(e.g. SAWN JOINT)

(e.g. DWELLED / ISOLATION JOINT)

JOINT FILLER NOTES

NON TRAFFIC AREAS

APPLY "SIKAFLEX II FC" (SIKA PRODUCT) WITH PRIMER "SP1" (COLOURED TO SUIT PAVEMENT), INSTALLED TO MANUFACTURERS SPECIFICATION (OR SIMILAR APPROVED). USE BACKING ROD. REFER TO TYPICAL DETAILS.

TRAFFIC AREAS (IN SERVICE)

INSERT BACKING RODS IN ALL JOINTS IMMEDIATELY AFTER FINISHING SAW CUTTING, JUST PRIOR TO PRACTICAL COMPLETION, REMOVE ROD & THOROUGHLY CLEAN JOINT IN PREPARATION OF PRIMER / SEALANT INSTALLATION. INSERT NEW BACKING ROD & FILL JOINT WITH 'SIKADUR 51' (SIKA PRODUCT) CURING AND INSTALLATION OF PRIMER / SEALANT TO BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

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					AFFORMED AND ITS CONTENTS ARE ELECTRONICALLY GENERALES, ARE COMMISSION, AND MAY ONLY BE USED FOR THE AFFORM FOR MALEN THE YARDE INTERIOR, AND MICHAELY DIVINITADES ARE COMMISSION. APPROVED FOR MALEN THE YARDE INTERIOR, AND MICHAELY DIVINITADES ARE COMMISSION.	
A	s.v.	ISSUED FOR CC	14.02.24	C. KHOUDAIR	ASENS FIGN THE USE OF THE SOVATION FOR OTHER THANKED PURPOSE ON WHERE THE BRANKS HAS BEEN ALTERED. AMERICA CHARGED CITIZEN MARKINELY OR ELECTRONICALLY BY ANY THIS DIVERTY. 1100	
REV	BY	AMENDMENTS	DATE	APPROVED BY	0 10 20 30 40 50mm	





DESIGNED / APPROVED:
CHARBIL KHOUDAIR
BE (Civil) agengeur INVEAUST CPEng NER
APEC Engineer IntPE(Aux) RPEO - our s
Stories RPEng (Shapes)
NSW FAIR TRACING REGISTRATION
REGISTERED PROFESSIONAL ENGINEER.
DESIGN FRACTITIONER AND FRINCIPAL

CAMPANELLA PROPOSET

CAMPANELLA 17 MARETII

PAL COMM

PROJECT:
PROPOSED DRIVEWAY 'PART AREA'
17 MARETIMO STREET,
BALGOWLAH, NSW, 2093

DRAWING STATUS:	DESIGNED: C.K.	DRAWN: S.V.
ISSUED FOR CC	CHECKED: CHARB	L KHOUDA I R
	SCALE: 1:100 on A3	DATE: FEB 2024
	PROJECT No:	
DRAWING TITLE:	PN23	3-083
RIGID PAVEMENT DETAILS	DRAWING No:	REV ISSUE:
(IF REQUIRED)	S012	Α