1 2 3 4 5 6 7 8 9 10 11 12

GENERAL NOTES:

- G.1 DRAWINGS SHALL BE READ IN CONJUNCTION WITH ACCUWEIGH'S CIVIL CONTRACTOR SPECIFICATION AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE PROJECT. ALL DISCREPANCIES SHALL BE REFERRED TO THE SITE ENGINEER FOR A DECISION BEFORE PROCEEDING WITH THE WORK.
- G.2 ALL ABBREVIATIONS, SYMBOLS, AND DRAWING CONVENTIONS ARE IN ACCORDANCE WITH THE CURRENT EDITIONS OF AS1100.101 AND AS1100.501.
- G.3 THE METHOD OF CONSTRUCTION AND THE MAINTENANCE AND SAFETY DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CIVIL CONTRACTOR. IF ANY STRUCTURAL ELEMENT PRESENTS DIFFICULTY IN RESPECT TO CONSTRUCTABILITY OR SAFETY, THE MATTER SHALL BE REFERRED TO THE SITE ENGINEER FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
- G.4 ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF AS3600.
- PROPERTY OF DRAWINGS IS COPYRIGHT AND IS THE SOLE PROPERTY OF ACCUWEIGH. THE DRAWINGS SHALL NOT BE COPIED OR REPRODUCED IN ANY FORM OR USED FOR ANY PURPOSE OTHER THAN ORIGINALLY INTENDED WITHOUT WRITTEN PERMISSION.

REINFORCEMENT NOTES:

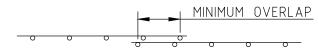
- R.1 ALL REINFORCEMENT SHALL BE GRADE 500N IN ACCORDANCE WITH THE CURRENT EDITION OF AS4671, UNLESS NOTED OTHERWISE.
- R.2 MINIMUM LAP LENGTHS FOR BAR REINFORCEMENT, UNLESS SPECIFIED, SHALL BE AS TABLED:

BAR DIA	LAP
N12	400
N16	500

BAR	DIA	LAP			
N2	0	700			
N2	4	800			

BAR DIA	LAP			
N28	900			
N32				

MINIMUM LAP LENGTHS FOR MESH REINFORCEMENT, UNLESS NOTED OTHERWISE, SHALL BE TWO CROSS WIRES.



- R.3 ALL REINFORCEMENT SHALL BE SUPPORTED ON PLASTIC BAR CHAIRS GENERALLY AT CENTRES NOT EXCEEDING 900mm IN BOTH DIRECTIONS. BARS SHALL BE TIED AT ALTERNATIVE INTERSECTIONS.
- R.4 CLEAR CONCRETE COVER TO ALL REINFORCEMENT SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

FACES CAST AGAINST THE GROUND: 45mm ALL OTHER FACES: 40mm

CONCRETE NOTES:

- C.1 ALL CONCRETE SHALL BE GRADE N32, MAXIMUM AGGREGATE SIZE SHALL BE 20mm. NOMINAL SLUMP SHALL BE 80mm.
- C.2 UNFORMED EXPOSED SURFACES NOT SUBJECT TO TRAFFIC SHALL BE FINISHED SMOOTH USING A STEEL TROWEL. EXPOSED SURFACES SUBJECT TO TRAFFIC SHALL BE FINISHED TO PROVIDE A NON-SKID SURFACE.
- C.3 ALL FORMED EXPOSED EDGES AND RE-ENTRANT CORNERS SHALL BE CHAMFERED OR FILLETED 20mm.
- C.4 ALL CAST IN STEELWORK ITEMS AND HOLDING DOWN BOLTS SHALL BE HOT DIPPED GALVANISED AFTER FABRICATION.
- C.5 THE MAIN FOUNDATION SLAB SHALL BE FLAT AND LEVEL, WITH SUITABLE DRAINAGE PROVIDED. SURROUNDING AREAS SHALL DRAIN AWAY FROM THE WEIGHBRIDGE FOUNDATION.
- C.6 ALL ANCHOR RECESSES SHALL BE LOCATED TRUE IN TOP VIEW POSITION WITH THE DIAGONAL DIMENSION BETWEEN RECESSES WITHIN ±3mm OF THEORETICAL POSITION. OVERALL LENGTH OF FOUNDATION BETWEEN END ABUTMENTS SHALL BE WITHIN ±3mm OF DIMENSION ON DRAWING.

DESIGN NOTES:

- D.1 THE FOUNDATION DESIGN IS BASED ON STABLE SOIL CONDITIONS WITH A MINIMUM BEARING CAPACITY OF 160kPa. AGGREGATE BASE TO BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY. THE FINAL FOUNDATION SHALL BE APPROVED, AUTHORISED, AND SITE CONSTRUCTION SUPERVISED BY THE CLIENT'S QUALIFIED CIVIL ENGINEERING PERSONNEL.
- D.2 ALTERNATIVE APRON OR SIDE WALLS MAY BE PROVIDED, IF REQUIRED.
- D.3 TO PROVIDE A POTENTIAL EARTH MAT THROUGH THE FOUNDATION, MINIMUM 400mm OVERLAP OF ALL MESH, ALL OVERLAPS OF MESH ARE TO BE TIED WITH A MINIMUM OF TWO TIES, AND BOTH TOP AND BOTTOM MESH LAYERS SHALL BE TIED TO THE END ABUTMENTS. THE END ABUTMENTS PROVIDE THE EARTHING CONNECTION.
- D.4 IF THE WEIGHBRIDGE IS TO BE USED FOR TRADE WEIGHING PURPOSES, THE PROPOSED WEIGHBRIDGE LOCATION, LEVEL APPROACH LENGTHS, AND ACCESS CLEARANCES SHALL BE SUBJECT TO THE APPROVAL OF THE APPROPRIATE TRADE MEASUREMENT AUTHORITY.

- D.5 THE APPROACHES SHALL BE LEVEL, AND CONSTRUCTED OF CONCRETE, FOR A MINIMUM OF 1m (FOR TRADE WEIGHING PURPOSES).
- D.6 THE DIGITAL WEIGH INDICATOR SHALL BE LOCATED SUCH THAT THE OPERATOR CAN VIEW THE ENTIRE WEIGHING PROCESS (FOR TRADE WEIGHING PURPOSES) UNLESS WRITTEN APPROVAL IS HELD FROM THE APPROPRIATE TRADE MEASUREMENT AUTHORITY.

DECK CONSTRUCTION NOTES:

- CC.1 POUR ONE BAY AT A TIME USING A VIBRATOR CONTINUOUSLY. SCREED BEFORE MOVING TO THE NEXT BAY.
- CC.2 BULL FLOAT COMPLETED BAYS WHILE POURING SUBSEQUENT BAYS.
- CC.3 WAIT THIRTY MINUTES AFTER POURING EACH BAY AND USE A LARGE BULL NOSE EDGER ON THE SIDES AND A SMALL EDGER ON THE CROSS MEMBERS. STEEL TROWEL EDGES TO FINISH.
- CC.4 USE MOTOR TROWEL ON THE DECK ONLY WHEN THERE IS LITTLE INDICATION OF MARKING.
- CC.5 MOTOR TROWEL THE DECK TWICE. AFTER DRYING, RE-EDGE THE SIDES AND CLEAN WITH A STEEL TROWEL ONE BAY AT A TIME.
- CC.6 SLAB DEPTH IS 250mm. APPROXIMATE VOLUME OF CONCRETE REQUIRED = 17.9m³.

DRAINAGE NOTES:

- DR.1 LOCATION OF SUMP MAY BE SITE DETERMINED.
- DR.2 A DIA 200mm DRAINAGE PIPE MAY BE INSTALLED AT THE BASE OF THE SUMP, OR A PUMP MAY BE INSTALLED.

NOT FOR CONSTRUCTION - COPYRIGHT ACCUWEIGH

				ALL DIMENSIONS IN MILLIMETRES	ACCU WEIGH	ACCUWEIGH UNIT 3, 27 KINGTEL PLACE, GEEBUNG, QLD, 4034. PHONE: (07) 3265 5520 WEB: www.accuweigh.com.au	STALE NTS SHEET 1 OF 8	22m x 3.5m x 16-LOADCEL QUAD-DECK IN-GROUND WEIGHBRIDGE CONSTRUCTIO	
А	ORIGINAL ISSUE	AJG	22/03/17	UNLESS OTHERWISE F	PROJECT NO. CLIENT			DRAWING NO. REVISION	$\overline{\mathbf{z}}$
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