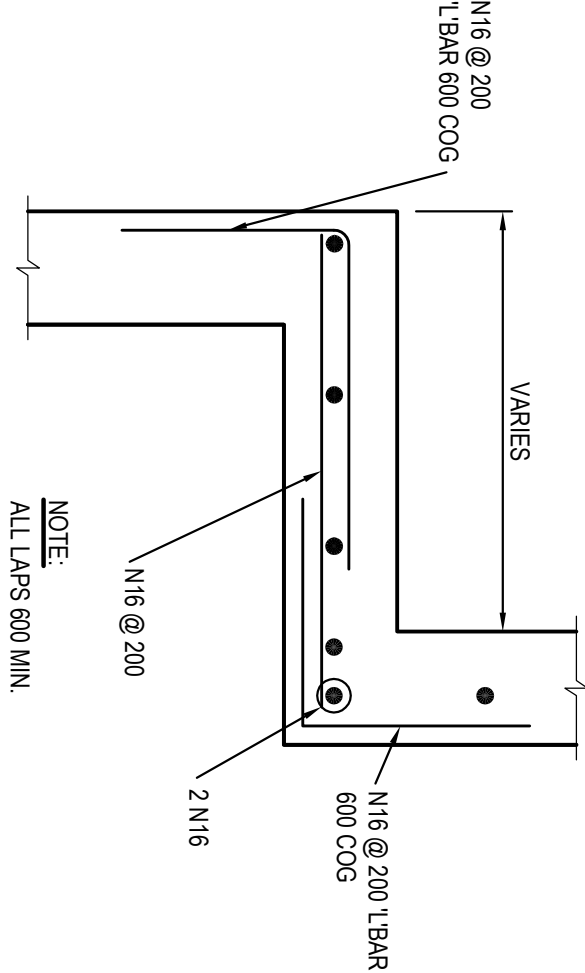
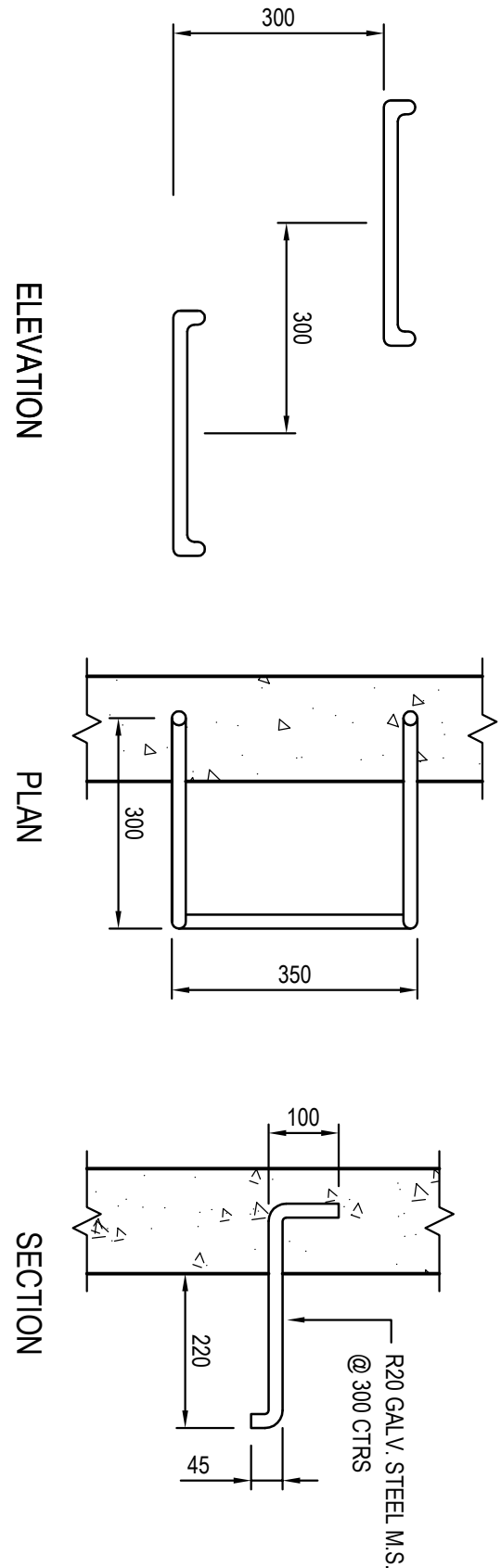
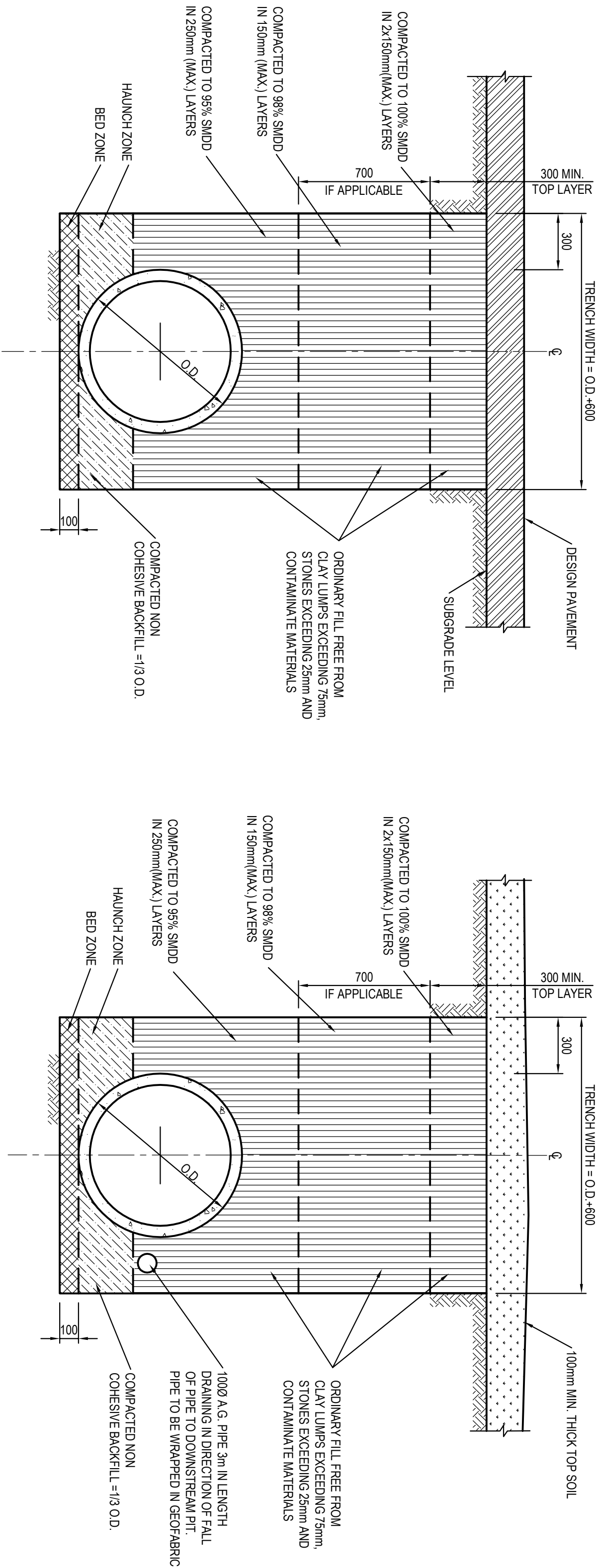
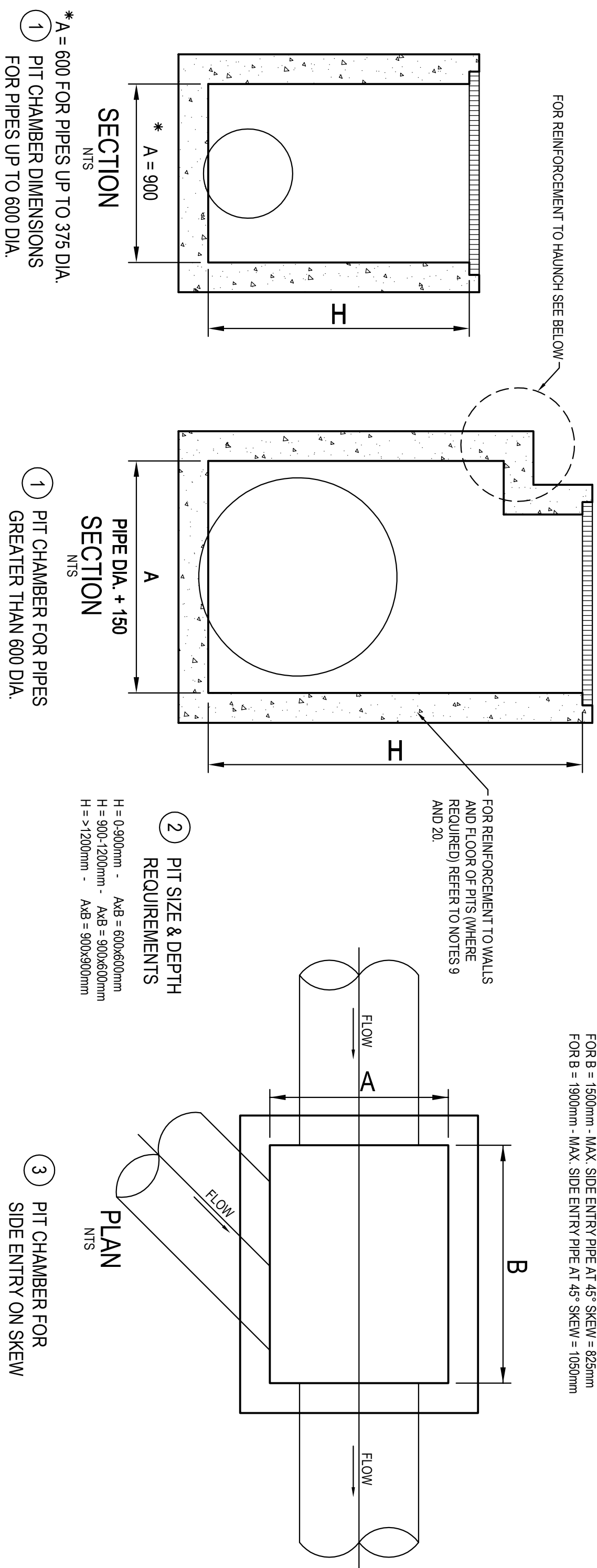


IT IS THE CONTRACTORS RESPONSIBILITY TO SELECT PIT CHAMBER SIZE WITH REGARDS TO PIPE SIZE, DEPTH TO INVERT AND SKEW ANGLE. REFER SKETCHES BELOW.

- 1. SELECT PIT CHAMBER USING THE STEPS BELOW.
- 2. SELECT PIT CHAMBER SIZE BASED ON THE PIPE DIMETERS.
- 3. CHECK PIT CHAMBER SIZE TO SATISFY DEPTH TO INVERT REQUIREMENTS.
- 3. CHECK PIT CHAMBER DIMENSIONS TO SATISFY THE SKEW ANGLE IN THE TABLE.



TYPICAL STEP IRON DETAILS

N.T.S.

HAUNCH DETAIL -TYPICAL

N.T.S.

STORMWATER DRAINAGE NOTES:

1. STORMWATER DESIGN CRITERIA, THE STORMWATER DESIGN SHOWN ON THESE DRAWINGS HAS BEEN CARRIED OUT IN ACCORDANCE WITH AUBURN COUNCIL'S REQUIREMENTS AND AUSTRALIAN RAINFALL AND RUNOFF (ARRR) GUIDELINES.
2. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS 2 APPROVED SP807 AND SOCKET WITH RUBBER RING JOINTS I.N.O.
3. PIPES UP TO 300 DIA. SHALL BE SEWER GRADE UPVC WITH SOLVENT WELDED JOINTS.
4. EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED.
5. PIPES SHALL BE LAID ON A 75MM THICK SAND BED. IN ALL CASES BACKFILL TRENCH WITH SAND TO 200MM ABOVE THE PIPE. WHERE PIPE IS UNDER PAVEMENT'S BACKFILL REMAINDER OF TRENCH TO OVERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 50 MM LAYERS TO 95% MINIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 S2.1 (OR A DENSITY INDEX OF NOT LESS THAN 79).
6. APPROVED PRECAST CONCRETE PITS INSIDE PROPERTY BOUNDARIES MAY BE USED IN LIEU OF CAST IN SITU PITS WHERE SUITABLE.
7. WHERE TRENCHES ARE IN ROCK THE PIPE SHALL BE BEDDED ON A MINIMUM OF 50 MM CONCRETE BED (OR 75 MM BED OF 12 MM BLUE METAL) UNDER THE BARREL OF THE PIPE.
8. ENLARGERS, CONNECTORS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
9. WHERE SUBSOIL DRAINS PASS UNDER THE FLOOR SLABS AND VEHICULAR PAVEMENTS, UNJOINTED UPVC SEWER GRADE PIPE IS TO BE USED.
10. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADIOS SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
11. GRATES AND COVERS SHALL CONFORM TO ASS3996 - 1992 AT ALL TIMES DURING CONSTRUCTION OF THE STORMWATER PITS.
12. ADEQUATE SAFETY PROCEDURES SHALL BE IMPLEMENTED TO PREVENT PERSONNEL FALLING INTO OPEN PITS.
13. EXISTING STORMWATER PIPE LOCATIONS AND INVERT LEVELS TO BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
14. ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WORKMAN'S REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT FOR FURTHER DIRECTIONS.
15. AREAS AND ROAD PAVEMENTS



		Client			
		AA CROWN HOLDINGS PTY LTD			
		Architect			
		HEALTH PROJECTS INTERNATIONAL			
01		ISSUED FOR DA APPROVAL			
REVISION		AMENDMENT		DATE	
30.05.2013					
REVISION		AMENDMENT		DATE	