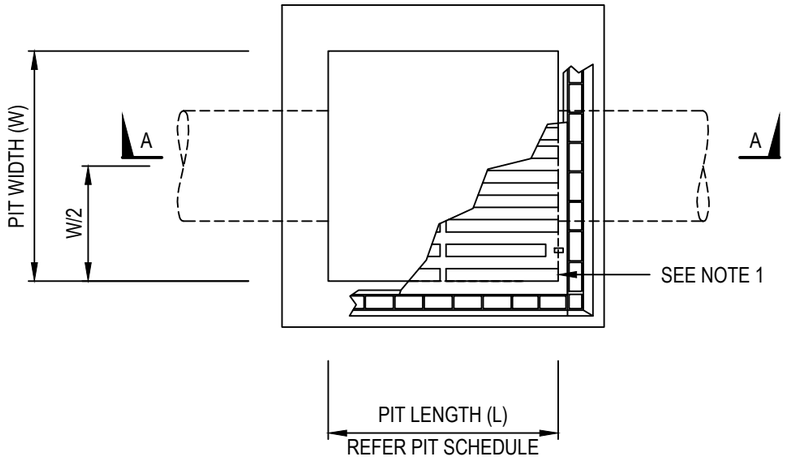
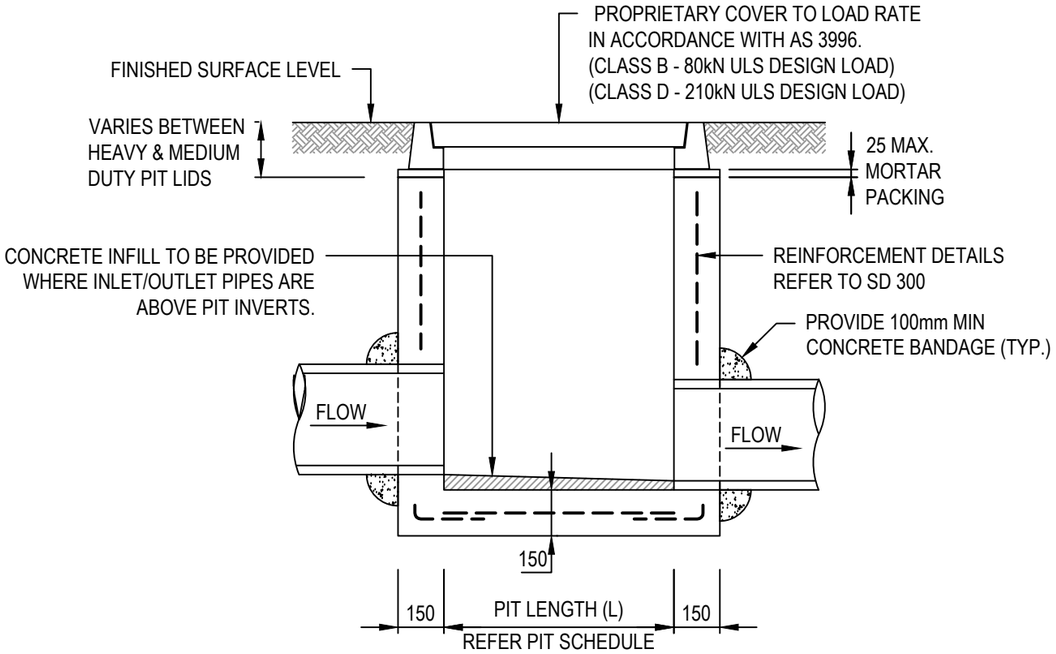


PLAN



SECTION A-A

MINIMUM INTERNAL PIT SIZES (AS 3500)	
PIT DEPTH	MINIMUM PIT SIZE
d ≤ 600	450 x 450
600 < d ≤ 900	600 x 600
900 < d ≤ 1200	600 x 900
d ≥ 1200	900 x 900

NOTES:

1. HEAVY DUTY COVERS TO BE USED WHEN SUBJECT TO TRAFFICABLE LOADS (AS3996 CLASS D - 210kN) OR APPROVED EQUIVALENT. MEDIUM DUTY COVERS TO BE USED IN OFF ROAD USE (AS3996 CLASS B - 80kN) OR APPROVED EQUIVALENT.
2. CONCRETE PIT STREAMLINING TO BE PROVIDED WHERE SHOWN ON DRAWINGS.
3. INTERNAL PIT DIMENSIONS SHALL ALLOW FOR THE PIPE OUTER DIAMETER AT CUT ANGLE PLUS CONSTRUCTION TOLERANCE PLUS 50mm EACH SIDE.
4. MINIMUM PIT LID OPENING SIZE TO BE 600mm DIAMETER FOR ALL PITS GREATER THAN 600mm DEPTH
5. ALL GRATED COVERS TO BE HOT DIP GALVANISED FOR INSTALLATIONS IN NON-TRAFFICKED AREAS.
6. ROUND PIT LIDS PREFERRED TO REDUCE RISK OF FALL INTO THE PITS.

ALL MEASUREMENTS IN MILLIMETRES

REV	DESCRIPTION	DATE	DES	DRW	APP
D	MINOR AMENDMENTS	06.11.2018	AF	AF	MDH
C	MINOR AMENDMENTS	18.07.2017	JZ	JC	DSL
B	ISSUED FOR REVIEW	10.05.2016	JZ	DL	DSL
A	ISSUED FOR REVIEW	15.03.2016	RJF	DL	DSL

THIS PROJECT HAS BEEN ASSISTED BY THE LOCAL GOVERNMENT RESEARCH AND DEVELOPMENT SCHEME AND INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA

INFRASTRUCTURE GUIDELINES (SA)

SHEET TITLE
STORMWATER JUNCTION PIT / GRATED INLET PIT

SCALE
NTS @ A3

DRAWING No.
SD 305

REV
D