



**SECTION B-B GRATING PIT**

**NOTES:**

1. ALL CONCRETE TO BE N32 GRADE.
2. WHERE JUNCTION PIT IS SUBJECT TO VEHICULAR TRAFFIC OR PEDESTRIAN TRAFFIC, USE HEAVY OR MEDIUM DUTY CAST IRON FRAME AND COVER RESPECTIVELY.
3. WHERE A JUNCTION PIT IS LOCATED IN THE NATURE STRIP ADJACENT TO THE KERB & CHANNEL THE SIDE ENTRY PIT FRAME & LID IS TO BE USED (REFER SHEET D02)
4. WHERE THE PIT IS DEEPER THAN 1 m, GALVANISED STEP IRONS SHALL BE PLACED IN THE PIT AT 300 mm INTERVALS, FIRST STEP TO BE 450 mm ABOVE PIT FLOOR.
5. ALL CONCRETE JUNCTION PIT COVERS TO HAVE TWO SLOTS FOR LIFTING PURPOSES.
6. WHERE A JUNCTION PIT IS LESS THAN 1 m FROM EDGE OF VEHICLE CROSSING ADOPT A MEDIUM (INDUSTRIAL AREA - HEAVY) DUTY CAST IRON FRAME AND COVER.
7. ALL NEW CONNECTIONS INTO COUNCIL'S ASSETS ARE TO BE CORE-DRILLED.
8. GRATES TO BE "SAFE-T-GRATE" OR APPROVED EQUIVALENT. BARS ALIGNED IN DIRECTION OF FLOW.
9. GRATES PLACED ADJACENT TO BLUESTONE SHALL BE PAINTED WITH BLACK RUST PROOFING COMPOUND. ALL OTHER GRATES SHALL BE GALVANISED.
10. JUNCTION PITS CONSTRUCTED OVER COUNCIL EASEMENT DRAINS WITHIN NON-TRAFFICABLE AREAS ARE TO BE FITTED WITH TWIN CONCRETE SLABS. SLAB DIMENSIONS AS PER THE TABLE BELOW.
11. THE PIT FLOOR TO BE POURED PRIOR TO CONSTRUCTING THE WALLS.

DEPTH	L	W*	T	B	JUNCTION PIT COVER (REFER NOTE 3)	GRATE SIZE	SIDE ENTRY PIT
<600 (<150Ø PIPES)	600	600	150	150	TWIN SLABS 900 x 600 x 75 SL61 (NOTE 10)	1000 x 610 x 50	REFER DRAWING D02 & D03
<1500	900	600	150	150	TWIN SLABS 900 x 600 x 75 SL61 (NOTE 10)	1000 x 610 x 50	
1500 TO 3000	900	900	200	200	TRIPLE SLABS 1200 x 450 x 75 SL61 (NOTE 10)	1000 x 904 x 50	
>3000	1200	1200	200	200	CORBELL TO SUIT 900 x 900 PIT SIZE		

\* W IS ALSO DEPENDANT ON THE MAXIMUM PIPE SIZE AS SHOWN IN SECTION A-A

CITY OF MONASH

<b>JUNCTION PIT &amp; GRATING PIT DETAILS</b>	DIRECTOR INFRASTRUCTURE: 		
	DRAWN: W.Du Jul 2011	SCALE: 1:20	SHEET: D 01
	DWG NAME: STDWG D01	21500	REV:D JUN15