



MAXIMUM SIZE OF BRANCH PIPE		
EXISTING PIT LENGTH (L)	OPPOSITE SIDE FROM STEP IRONS	SAME SIDE AS THE STEP IRONS
LESS THAN 900	NO CONNECTION PERMITTED	
900	225	NIL
1050	375	NIL
1200	450	NIL
1350	525	NIL
1500	600	225
1650	750	300

**SECTIONAL PLANS**

**NOTES:**

- PRIOR APPROVAL TO BE OBTAINED BY MELBOURNE WATER WHEN CONNECTION IS REQUIRED.
- MINIMUM GROUT BETWEEN OUTSIDE OF PIPE AND OUTSIDE FACE OF WALL TO BE 50mm.
- CAST 150mm THICK COLLAR AROUND BRANCH PIPE.
- BREAKOUT TO BE 50mm NOMINALLY CLEARANCE TO INCOMING PIPE.
- FILL BREAKOUT WITH S40 GROUT.
- EXISTING PIT REINFORCEMENT IS NOT SHOWN FOR CLARITY.
- NO BRANCH CONNECTION INTO SHAFT.
- EXCAVATION NOT TO COMPROMISE THE INTEGRITY OR THE STABILITY OF EXISTING PIT.
- BACKFILL AROUND NEW JUNCTION PITS AND PIPE TRENCHES TO SUIT SITE CONDITIONS AND ROAD AUTHORITY REQUIREMENTS. REFER MELBOURNE WATER DRAWING 7251/08/419 FOR BACKFILLING AROUND PIPES.
- PIPE TO BE FINISHED FLUSH WITH INTERNAL WALLS AND BREAKOUT SEALED AGAINST EXISTING CONCRETE.
- IT IS THE DESIGNER'S RESPONSIBILITY TO ENSURE THAT THE NOMINATED MELBOURNE WATER STANDARD DRAWINGS ARE SUITABLE FOR PROJECT USE.
- DESIGN ENGINEER TO CARRY OUT SAFETY IN DESIGN RISK ASSESSMENT FOR ANY DESIGN INCORPORATING MELBOURNE WATER STANDARD DRAWINGS.
- PREFERENCE SHALL BE GIVEN TO ANGLING BRANCH DRAINS DOWNSTREAM AT 45 DEGREES FROM THE PERPENDICULAR.
- WHERE EXISTING PIT DIMENSIONS WILL NOT ACCOMMODATE THE NEW BRANCH CONNECTION, A NEW JUNCTION PIT IS TO BE CONSTRUCTED AS PER DRAWINGS 7251/08/408 TO 415.

**TABLE NOTES:**

- ALL DIMENSIONS ARE IN MILLIMETRES.
- INFORMATION PROVIDED IN ABOVE TABLE IS BASED ON THE ASSUMPTION THAT NO PIPE EXISTS ANY SIDE OF THE PIT.
- DIMENSIONS ARE BASED ON INCOMING 45° BRANCH PIPE AND 900mm SQUARE ACCESS SHAFT.

<p><b>H</b></p>										<p><b>TITLE CONNECTION TO EXISTING JUNCTION PITS</b></p>	
<p><b>REV</b></p>										<p><b>MELBOURNE WATER CORPORATION</b></p>	
<p><b>DESCRIPTION</b></p>										<p><b>7251/08/424</b></p>	
<p><b>COMPANY</b></p>										<p><b>MWC DRAWING NUMBER</b></p>	
<p><b>PROJECT OR WO NUMBER</b></p>										<p><b>CODE</b></p>	
<p><b>DRAWN</b></p>										<p><b>REV</b></p>	
<p><b>ENG. CHECK</b></p>										<p><b>A</b></p>	
<p><b>PR. MAN. APPD.</b></p>										<p><b>9</b></p>	
<p><b>DATE</b></p>										<p><b>10</b></p>	
<p><b>RD</b></p>										<p><b>11</b></p>	
<p><b>VY</b></p>										<p><b>12</b></p>	
<p><b>RM</b></p>										<p><b>12</b></p>	
<p><b>25.11.15</b></p>										<p><b>12</b></p>	

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DRAINAGE STANDARD DRAWINGS

DRAFTER RD	DESIGNER GT	DESIGN MANAGER APPROVAL RM	PROJECT MANAGER APPROVAL VY
DRAFTING CHECK BS	ENGINEERING REVIEW VY		

PROJECT DATUM	Original Size <b>A1</b>	<b>MELBOURNE WATER CORPORATION</b>	
SCALE NTS		<b>7251/08/424</b>	<b>A</b>
		MWC DRAWING NUMBER	REV