



- NOTES:
1. ALL WALLS TO BE 150mm THICK.
  2. DUCTILE IRON COVER AND FRAME TO BE CLASS D HEAVY DUTY FILLED WITH CONCRETE WITH A CLEAR OPENING 900 X 600mm. USE GATIC GM301C96D OR A COVER WITH EQUIVALENT STRENGTH.
  3. FOR GRATE DETAIL SEE STD. DWG. SD276.
  4. THE TOP OF THE PIT TO MATCH THE VEHICLE CROSSING GRADE. WITH REVERSE FALL CROSSINGS, WHERE THE PROPERTY BOUNDARY IS LOWER THAN THE ROAD, PROVIDE MINIMUM 1.0m LAYBACK SLOPING AT A GRADE OF 1 IN 10 TOWARDS THE INVERT OF THE CHANNEL.
  5. THE VEHICLE CROSSINGS SHOULD BE CONSTRUCTED ACCORDING TO COUNCIL STANDARD DRAWING SD301/SD302 AND ENSURE VEHICLES DO NOT SCRAPE/BOTTOM OUT ACCESSING THE PROPERTY.
  6. PIT TO BE HAUNCHED FOR PIPE DIAMETER OVER 450mm OR DEPTH EXCEEDS 2.0m, REFER TO STD. DWG. SD245.
  7. PROVIDE STEP IRONS FOR PIT DEPTH EXCEEDING 1.0m. REFER TO STD.DWG. SD280.
  8. CONCRETE STRENGTH 25MP<sub>a</sub> AT 28 DAYS.
  9. EXPANSION JOINTS TO BE INSTALLED EITHER SIDE OF GRATED PITS WITH 3 NO. 450mm LONG R16 BARS GREASED OR SLEEVED ONE END.

Amendments				
No.	Zone	Detail	Initials	Date
1.				
2.				
3.				
4.				

DRAWN : K.SOYLEVI  
 CHECKED : R.DEVAPURA  
 APPROVED : N.VARVARIS  
 SCALE : 1:20  
 ISSUE DATE: APRIL 2015



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CHANNEL GRATED (HB2 KERB PROFILE)  
 JUNCTION PIT WITH DUCTILE IRON COVER  
 AT VEHICLE CROSSINGS  
 DRAWING NO: SD212