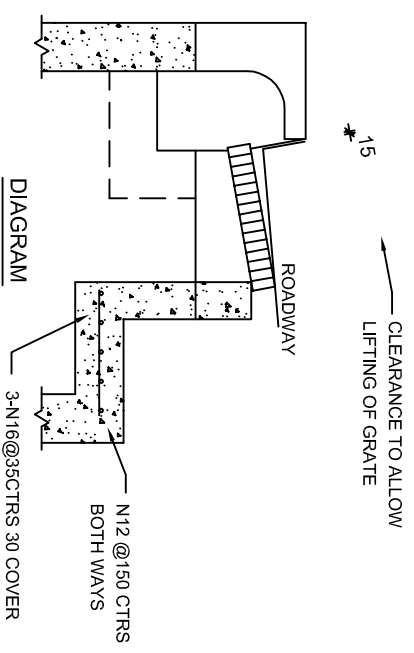
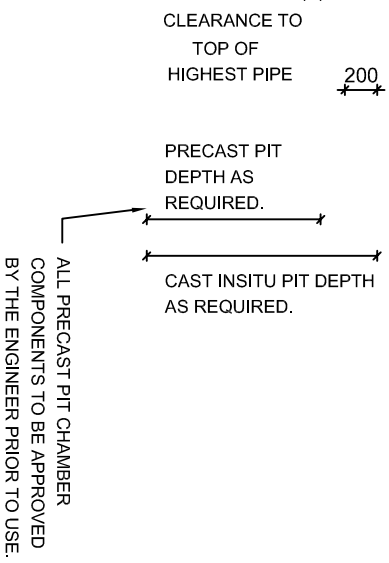
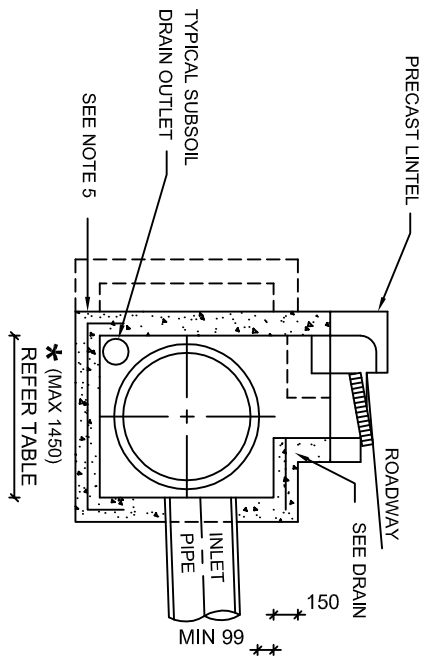


* PIT WIDTH REQUIRED	PIPE DIAMETER RANGE
900	600mm TO 750mm INCL
1200	825mm TO 900mm INCL
(MAX 1450)	SEE NOTE 8
D+250	FOR PIPES > 900mm
ND+(N-1)X250+250	FORMUL TIPLE PIPES

(WHERE N=NUMBER OF LINES)



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES.
 2. GRATE AND FRAME TO BE HOT DIP GALVANISED 80-85 MICRONS THICK. ALL GRATERS TO BE PROVIDED WITH HINGE PINS.
 3. ALL LINTELS TO BE APPROVED PRECAST TYPE. DIMENSIONS SHOWN ON PLAN TO DENOTE CLEAR OPENINGS. MIN SIZE 1.2m DIMENSIONS MAY VARY BETWEEN MANUFACTURERS.
 4. PROVIDE STEP IRONS FOR PITS DEEPER THAN 1.2m.
 5. MINIMUM THICKNESS OF WALLS AND BASE TO BE 150mm.
 6. ALL PITS TO HAVE A MINIMUM OF SL82 MESH IN BASE AND N12 "L" STARTER BARS (450 LEGS) @ 400 CTRS.
 7. PITS BETWEEN 1.5m & 2.5m DEEP TO HAVE SL82 MESH CENTRALLY PLACED IN WALLS FOR FULL DEPTH WITH N12 "L" CORNER BARS (450 LEGS) @400 CTRS. PITS DEEPER THAN 2.5m OR LONGER THAN 900 OR 1450 WIDE SHALL BE DESIGNED BY A QUALIFIED ENGINEER.
 8. PITS POURED IN MULTIPLE HEIGHT SECTIONS SHALL INCLUDE SL82 MESH OR N12 STARTER BARS (400 LONG) @300 CTRS.
 9. COMPRESSIVE STRENGTH (F' C) FOR CAST INSITU CONCRETE SHALL BE A MINIMUM 25 MPa @ 28 DAYS.
 10. NO RENDERING PERMITTED IN STRUCTURAL COMPONENTS.
 11. THIS STANDARD REFERS TO PITS CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENTS. TOTAL ISOLATION OF PITS IS REQUIRED ADJACENT TO RIGID PAVEMENTS.
 12. ALL PITS TO BE ADEQUATELY STREAMLINED AND BENCHED.
 13. WHERE A LINTEL IS REPLACED BY A DRIVEWAY ACCESS, A QUALIFIED ENGINEER IS TO CERTIFY THAT THERE IS NO LOSS OF CAPACITY IN THE DRAINAGE STRUCTURE.
- STEP IRON NOTES:**
1. STEP IRONS TO COMPLY TO AS 1657-1992
 2. STEP IRONS TO BE HOT DIPPED GALVANISED OR PLASTIC.
 3. STEPS TO BE FIXED INTO THE PIT WALL WITH AN EPOXY RESIN COMPOUND.

SECTION D-D (ABOVE Ø525mm & MULTIPLE)

VERSION	DATE	COMMENTS
02	11/12/13	AMENDED
01	18/10/11	ORIGINAL ISSUE

WORK TO FIGURED DIMENSIONS - DO NOT SCALE. DO NOT RELY ON THESE STANDARD DRAWINGS AS THE EQUIVALENT OF, OR SUBSTITUTE FOR, PROJECT-SPECIFIC DESIGN & ASSESSMENT BY A QUALIFIED PROFESSIONAL.



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DRAWING TITLE
GRATED GULLY PIT WITH EXTENDED KERB INLET

SHEET: 2 OF 2

DRAWING No. EGD-401

VERSION: 02