



NOTES:

1. SELECTION OF PRE CAST BASE TYPE IS DETERMINED BY:
DEPTH FROM UNDERSIDE OF COVER TO TOP OF BASE
DIAMETER OF LARGEST PIPE
2. CONCRETE TO BE 20mm NOMINAL AGGREGATE AND HAVE A MINIMUM STRENGTH AT 28 DAYS OF:
PRE CAST UNIT: 40 MPa
INSITU BASE: 20 MPa
3. STEP IRONS TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF GOSNELLS' REQUIREMENTS
4. ALL PIT, BASE AND PIPE JOINTS TO BE SEALED WITH MORTAR AS SHOWN
5. SUBGRADE TO BASE SHALL BE COMPACTED TO 95% MMDD BEFORE PLACING BASE
6. IN HIGH GROUNDWATER AREAS THE BASE AND PIT MUST BE SEALED
7. ALL PIPES TO BE FINISHED FLUSH WITH INSIDE OF LINER AND MADE GOOD WITH MORTAR (MAX 50mm PROTRUSION)
8. CONCRETE SEAL ALL ROUND PIPES A MAXIMUM OF 50mm INSIDE AND MINIMUM OF 100mm OUTSIDE
9. BASES TO BE SET 300mm BELOW THE INVERT OF THE LOWEST PIPE
10. SIDE ENTRY PITS WITH SOAKAGE, GEOGRID TO BE SIZED TO EXTEND BEYOND THE LINER EXTERIOR
11. MINIMUM LINER SIZE TO BE 1050mm, UNLESS OTHERWISE APPROVED
12. PRE CAST COVERS, FRAMES AND SLABS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS GUIDELINES

AMENDMENTS	REVISION	DATE	DESCRIPTION	BY	CHECKED	APPROVED
	1	4/2/2015	LAYERS & DRAWING NO'S UPDATED	SA	MB	MB

GENERAL NOTES

1. THIS DRAWINGS ALWAYS REMAINS THE PROPERTY OF THE CITY OF GOSNELLS AND MUST NOT BE RETAINED OR REPRODUCED WITHOUT PERMISSION
2. IN THE ABSENCE OF THE APPROVED SIGNATURE (ie MANAGER TECHNICAL SERVICES) THIS DRAWING SHALL BE TREATED AS PRELIMINARY
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE

CITY OF GOSNELLS

2120 Albany Highway Gosnells 6110
PO Box 662, GOSNELLS 6990
WESTERN AUSTRALIA

Telephone 08 9397 3000
Facsimile 08 9397 3333
Online www.gosnells.wa.gov.au

STANDARD DRAWING

PIT BASES

DESIGN	JG	DRAWN	GL	DRAWING	A3
SCALE	AS SHOWN	CHECKED	MB	DATE	29/02/12

STANDARD DRAWING NUMBER

ES-19-1

MANAGER TECHNICAL SERVICES

M.BOTTE 4/2/15

M. BOTTE