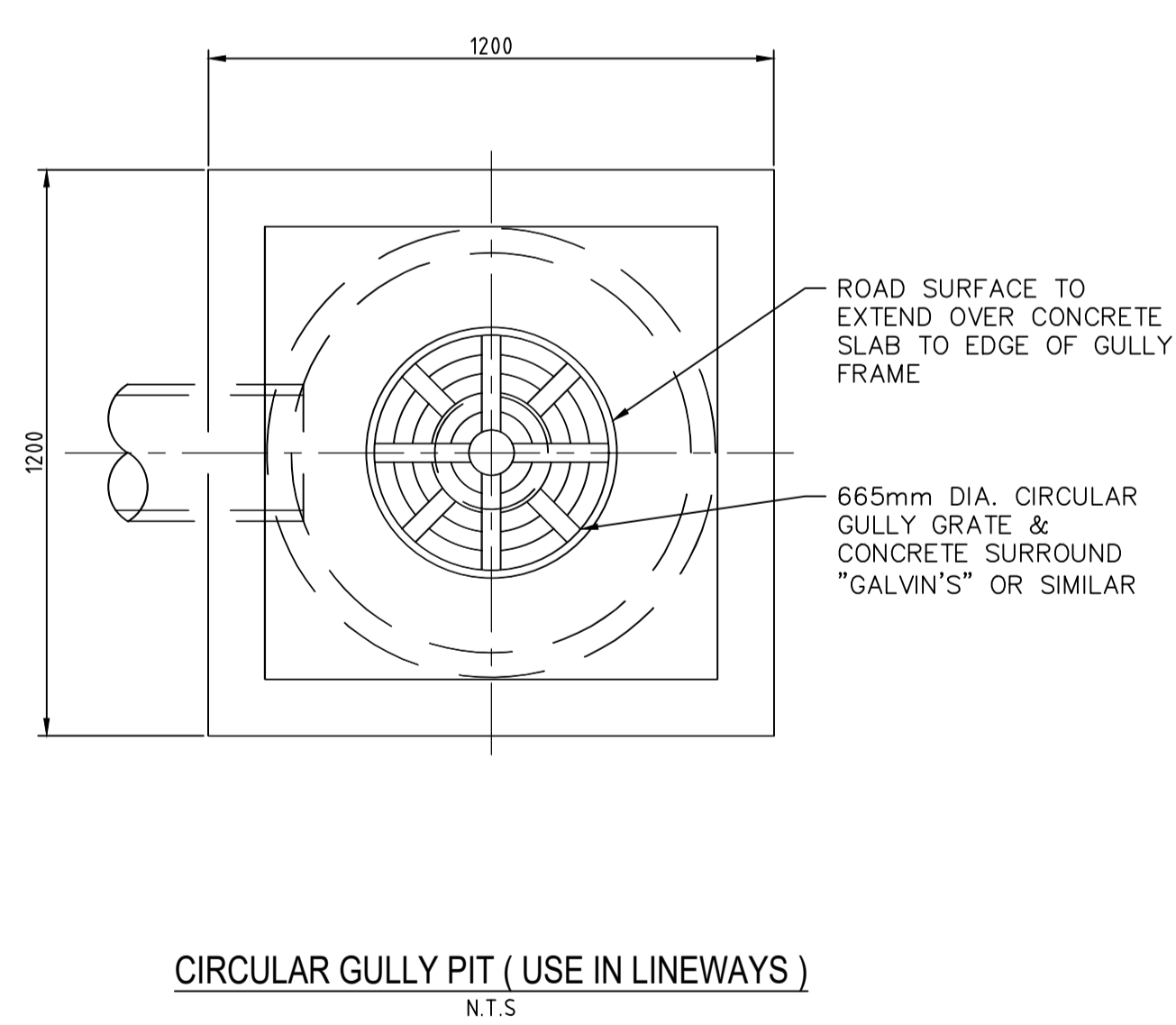


NOM. LINER SIZE (mm)	PIPE SIZE MAX. (mm)	LINER TYPE
φ1050	φ450	CONCRETE
φ1200	φ600	CONCRETE
φ1500	φ750	CONCRETE
φ1800	φ900	CONCRETE

FOR PIPES φ1200 AND LARGER INSTALL A CUSTOM CHAMBER TO SUIT.

LINER SIZE MIN. (mm)	SOAKHOLE DIAMETER (mm)
φ1050	600
φ1200	600
φ1500	900
φ1800	1200



- DRAINAGE NOTES :**
- CONCRETE TO BE 20mm NOM AGGREGATE AND HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 20MPa FOR INSITU BASE AND 40MPa FOR PRECAST UNITS.
 - ALL GRATES SHALL BE TRAFFICABLE CLASS "D" IN ACCORDANCE WITH AS1554.1. ALL WELDS TO BE IN ACCORDANCE WITH AS1554.1 AND FRAMES TO BE GALVANISED IN ACCORDANCE WITH AS1650.
 - MORTAR TO BE 3:1 SAND:CEMENT MIXTURE
 - STEP IRONS TO BE INSTALLED IN PITS WHERE THE DEPTH FROM COVER TO TOP OF BASE EXCEEDS 600mm.
 - SUBGRADE TO BASE TO BE COMPACTED TO 95% M M D D PRIOR TO PLACING OF BASE.
 - BACKFILL SURROUNDING PIT TO BE TO 95% M.M.D.D.
 - ALL PITS TO HAVE A WEEP HOLE IN ACCORDANCE WITH TABLE B, UNLESS IN HIGH GROUND WATER AREAS, SEE NOTE 3.
 - ALL PITS TO BE TRAPPED WITH MINIMUM 300mm DEPTH BELOW PIPE INVERT.
 - PIPES TO BE FINISHED FLUSH WITH INSIDE OF LINER AND MADE GOOD WITH MORTAR.
 - A MAXIMUM OF THREE PIPE OPENINGS ARE ALLOWED IN ANY ONE PIT. A MINIMUM WALL WIDTH OF 250mm IS ALLOWED BETWEEN HOLES CUT FOR PIPE OPENINGS.

J:\Engineering\Standard Details\DWG\STD-D03 - TYPICAL GRATED GULLY PIT.dwg

Amendments		Scale	By		Approved
		AS SHOWN			
B	05/02/26	NOTE 10 ADDED	BC	VB	
A	30/11/23	ISSUED FOR REVIEW	BV	NS	
No	Date	Revision	By	Approved	

Shire of Serpentine Jarrardale
Infrastructure and Design

THIS DRAWING REMAINS THE PROPERTY OF THE SHIRE OF SERPENTINE JARRARDALE AND SHALL NOT BE RETAINED, COPIED, OR USED, WITHOUT WRITTEN APPROVAL FROM THE DIRECTOR ENGINEERING SERVICES

Drawn	Date	Signet	Project
BC	05/02/26		
Checked	Date	Signet	
BC	05/02/26		
Checked	Date	Signet	
VB	05/02/26		

SHIRE OF SERPENTINE JARRARDALE
STANDARD DRAWINGS

DRAINAGE - TYPICAL GRATED GULLY PIT

Sheet No: 1 OF 1
Revision No: B
DWG No: STD-D03