

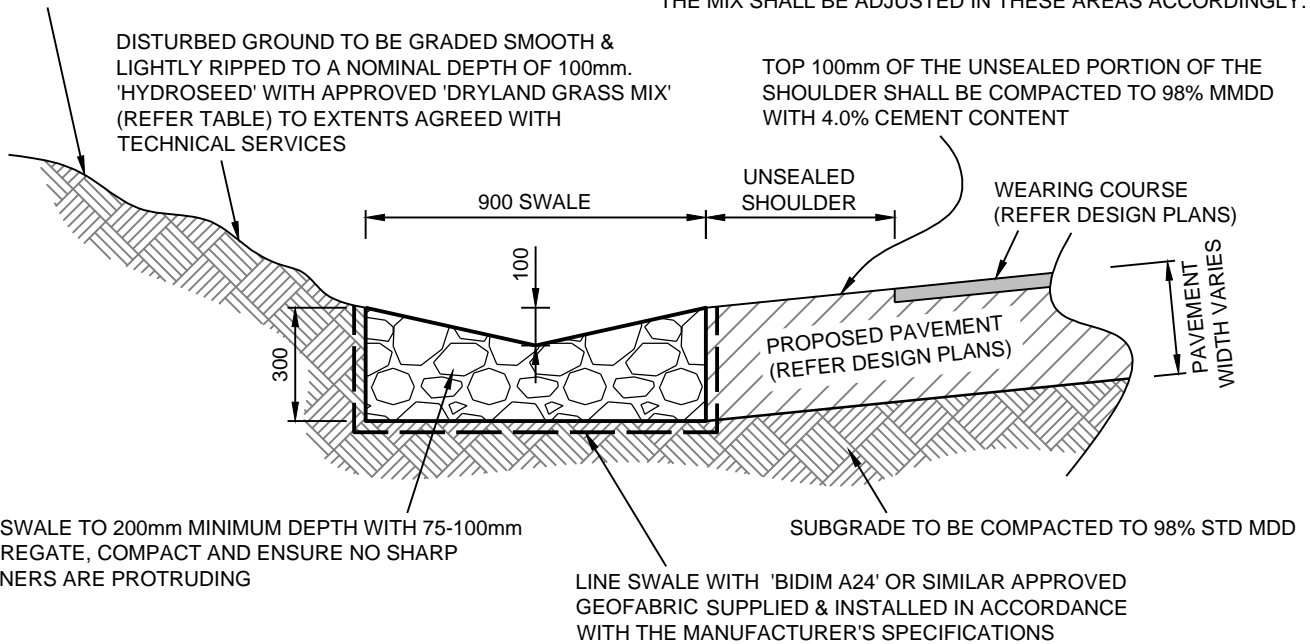
SWALE INSTALLATION (TYPE 1) NOTES:

1. REFER TO DESIGN PLANS FOR LOCATION, TYPE AND EXTENT OF PROPOSED SWALES.
2. WHERE STORMWATER FLOW VELOCITY EXCEEDS 1.0m/sec OR LONGITUDINAL SWALE GRADE IS GREATER THAN 4.0% A PROPOSED DESIGN SHALL BE FORWARDED TO TECHNICAL SERVICES FOR APPROVAL.
3. CUT-OFF DRAIN(S) AND/OR DRAINAGE PIT(S) SHALL BE PROVIDED WHERE SWALE FLOW WIDTH IS GREATER THAN 1.0m FROM EDGE OF SWALE FOR ANY STORM EVENT.
4. WHEREVER POSSIBLE, SITE TOPSOIL IS TO BE USED IN PREFERENCE TO IMPORTED TOPSOIL.
5. BATTER FROM EDGE OF CONSTRUCTION TO BOUNDARY TO BE 1:5 WHERE POSSIBLE WITH CLEAN FILL COMPACTED TO 95% MMDD.
6. 'DRYLAND GRASS MIX' OR SIMILAR APPROVED SHALL CONSIST OF THE VARIETIES SPECIFIED IN THE TABLE. ANY VARIATIONS TO THE 'DRYLAND GRASS MIX' SHALL BE CONFIRMED WITH TECHNICAL SERVICES.
7. FOR SWALE TREATMENT AT DRIVEWAY CROSSOVERS REFER TO SD-231.

'DRYLAND GRASS MIX'	
SEED VARIETY	PERCENTAGE OF MIX
Victorian Rye	35%
Annual Rye	20%
Fescue	25%
Clover	5%
Medic	10%
Kikuyu*	5%

*KIKUYU SHALL NOT BE USED ADJACENT TO WATERCOURSES, WETLANDS OR AREAS OF SENSITIVE NATIVE VEGETATION. THE MIX SHALL BE ADJUSTED IN THESE AREAS ACCORDINGLY.

MATCH INTO EXISTING SURFACE AS REQUIRED TO ENSURE SURFACE WATER FLOWS INTO SWALE OR MATCHES TO EXISTING SLOPE OF LAND, TAKING CARE NOT TO CREATE LOW POINTS. EXTENT TO BE DETERMINED ON SITE



SWALE INSTALLATION (TYPE 1) (SD-230)

900mm ROCK LINED SWALE
NOT TO SCALE

1. All dimensions are in millimeters unless otherwise shown.
2. It is the responsibility of the individual to ensure that they are using the current version of this drawing. Council accepts no liability for issues arising from the use of superseded drawings. Printed copies of this drawing are uncontrolled.

REV	DESCRIPTION	APPROVED	DATE	APPROVED TEAM LEADER TECHNICAL SERVICES	SWALE INSTALLATION (TYPE 1) 900mm ROCK LINED SWALE	CITY OF ONKAPARINGA	STANDARD # SD-230	REV B
				<i>Chris Haskas</i>				
B	REVISED DETAIL & NOTES	C.HASKAS	AUG '12	SCALE AT A4 NOT TO SCALE				
A	ORIGINAL ISSUE	P.BICKLEY	MAY '11					