

NOTES

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE
2. REFER TO DRAWING 13902-025-R1 FOR PLANT LAYOUT AND LOCATION
3. SITE CENTRE OS GRID REFERENCE: E 343286, N848133
4. MINIMUM OF 1m OFFSET PROVIDED TO SIDES OF SWALES FOR SLOPE STABILITY AND WORKING ROOM. GREATER OFFSETS PERMISSIBLE IF POSSIBLE WITHIN CONFINES OF SITE.
5. MAXIMUM SIDE SLOPES OF SWALES TO BE 1 : 2 FOR STABILITY AND SAFETY, SHALLOWER ANGLES PERMITTED IF POSSIBLE
6. 200mm FREEBOARD PROVIDED TO SWALE FOR STORM SURGE CONDITIONS
7. BERM TO BE PROVIDED AT END OF SWALE TO ATTENUATE FLOW DIRECTLY INTO EXISTING DRAINAGE CHANNEL
8. VEGETATION IN SWALE TO BE MAINTAINED AT 150mm HEIGHT
9. SILT PREVENTION MEASURES TO BE INSTALLED IN SWALE DURING CONSTRUCTION PERIOD AS SHOWN, REFER TO DRAWING 13902-024 FOR DETAILS
10. REFER TO DRAWING 13902-024 FOR DETAILS OF TEMPORARY DRAINAGE CHANNEL
11. DRAINAGE PIPE FROM BUND OIL INTERCEPTORS TO BE MINIMUM 150mm Ø LAID AT 1 IN 150 MINIMUM FALL

➔ SURFACE WATER FLOW DIRECTION

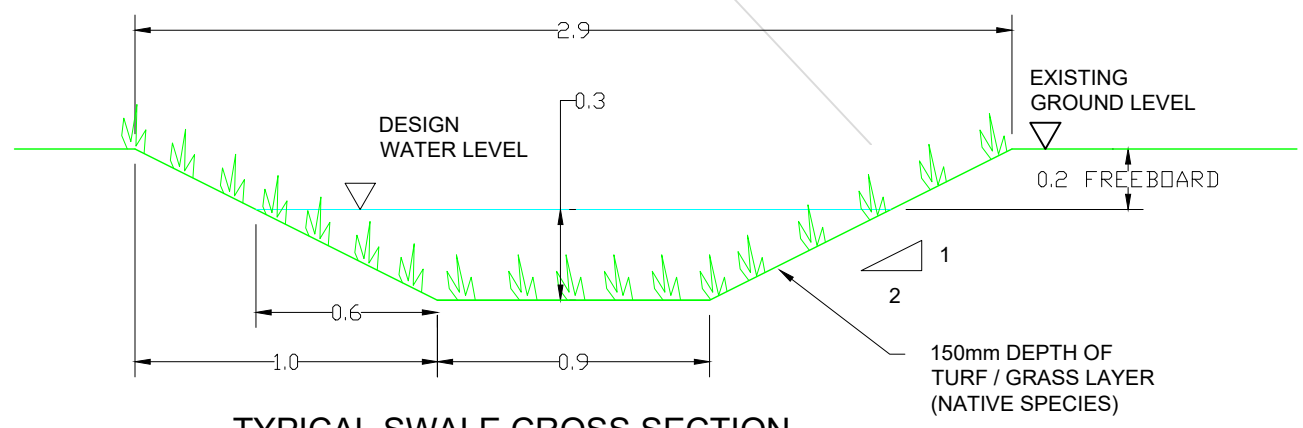
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Rev.	DETAILS	DRAWN	CHKD	APPD	DATE
R1	SYNC CMP LAYOUT CHANGED	JH	JH	JH	31/11/2020
R0	FIRST ISSUE	JH	JH	JMc	06/11/2020

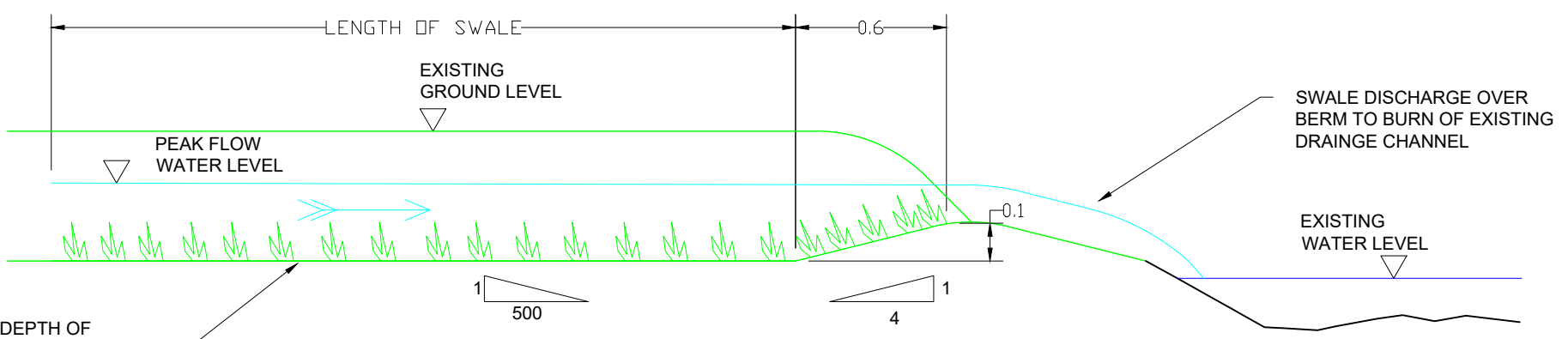
Project	BLACKHILLOCK SYNCHRONOUS COMPENSATOR
Client	ESB
Title	DRAINAGE LAYOUT
Figure No.	8.1
Scale	VARIABLE (AS SHOWN) @ A3
Doc Ref	13902-023



PLAN VIEW OF SWALE
(SCALE 1:1,000)



TYPICAL SWALE CROSS SECTION
(SCALE 1:25)



TYPICAL SWALE OUTFALL DETAIL
(SCALE 1:25)