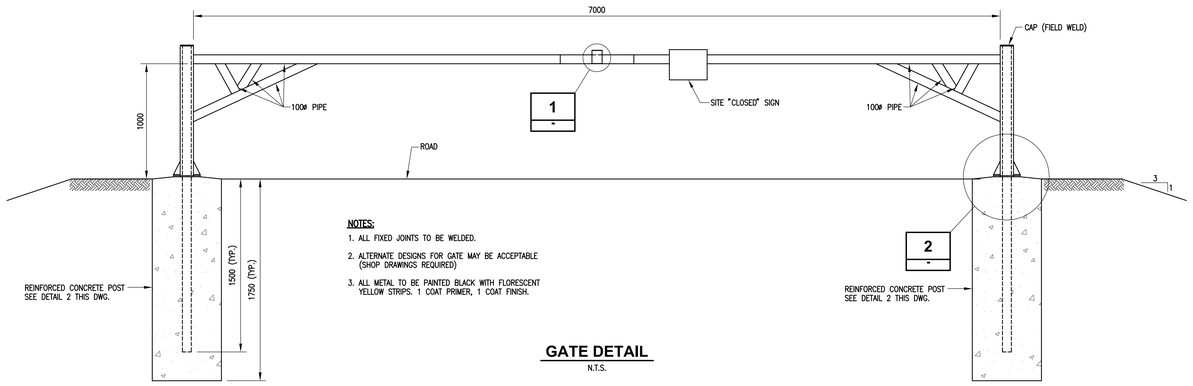
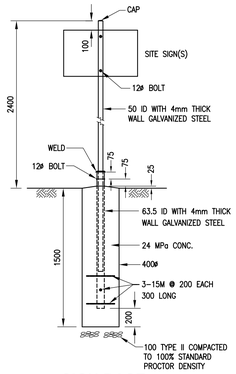


NOTES:

1. ALL FIXED JOINTS TO BE WELDED.
2. ALTERNATE DESIGNS FOR GATE MAY BE ACCEPTABLE (SHOP DRAWINGS REQUIRED)
3. ALL METAL TO BE PAINTED BLACK WITH FLORESCENT YELLOW STRIPS. 1 COAT PRIMER, 1 COAT FINISH.

GATE DETAIL

N.T.S.

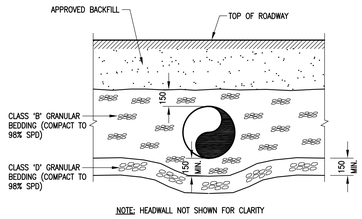


SIGN BASE

N.T.S.

NOTES:

1. SEDIMENTATION/EROSION CONTROL MEASURES SHOWN ON THE PLAN ARE MINIMUM. CONTRACTOR TO CARRY OUT OTHER CONTROL MEASURES AS REQUIRED AND AS DIRECTED BY THE ENGINEER.

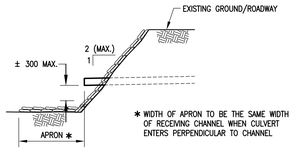


NOTE: HEADWALL NOT SHOWN FOR CLARITY

CULVERT

N.T.S.

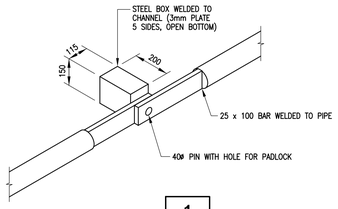
CULVERT DIAMETER (mm)	LENGTH OF APRON	AVERAGE STONE SIZE (mm)	APRON THICKNESS (mm)
UP TO 1200	6 TIMES PIPE DIA.	150	300
1201 TO 2100	8 TIMES PIPE DIA.	300	450
2101 TO 3000	10 TIMES PIPE DIA.	600	750



* WIDTH OF APRON TO BE THE SAME WIDTH OF RECEIVING CHANNEL WHEN CULVERT ENTERS PERPENDICULAR TO CHANNEL

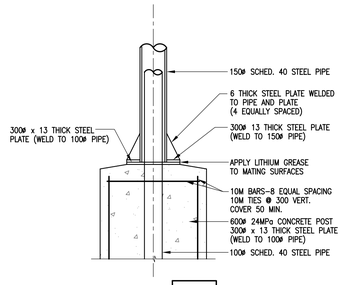
ROCK OUTLET PROTECTION FOR CULVERT

N.T.S.



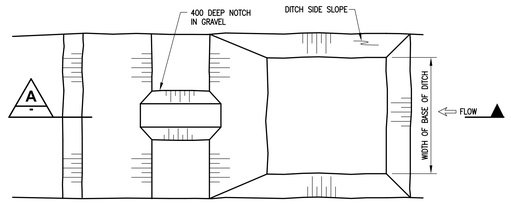
DETAIL 1

N.T.S.

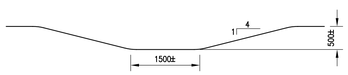


DETAIL 2

N.T.S.

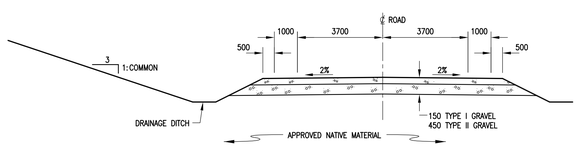


PLAN



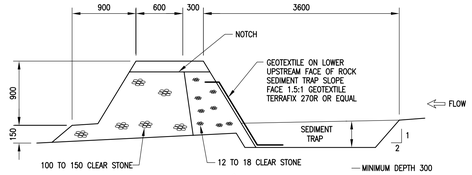
TYPICAL SURFACE WATER SWALE

N.T.S.



GRAVEL ACCESS ROAD CROSS-SECTION

N.T.S.

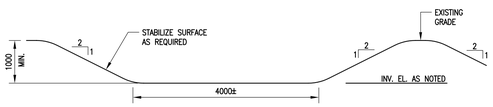


SECTION A

N.T.S.

ROCK AND GEOTEXTILE SEDIMENT TRAP

N.T.S.



TYPICAL DRAINAGE DITCH

N.T.S.

NO.	FOR	DATE

PRINT RECORD

DILLON CONSULTING

NO.	REVISIONS	DATE	BY
1	ISSUED FOR REPORT	05/12/15	KYT
1	ISSUED FOR CLIENT REVIEW	05/11/25	KYT

DESIGN	K.Y.T.
DRAWN	T.L.R.
CHECKED	K.Y.T./S.D.K.
APPROVED	K.Y.T.
DATE	NOV. 2005
SCALE	1:1000

NORTH 40 GRANULAR RESOURCE SITE RESTORATION PLAN

MISCELLANEOUS DETAILS

PROJECT NO. 05-5248

SHEET NO. 3 OF 3

05054AA001.dwg
05/11/2025 9:46:45 am (LYLAR) (05054AR)