


1	ISSUED FOR TENDER	APR. 9, 2014
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number nombre	revision	date
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notes	LEGEND	note
PROPOSED	PROPERTY LINE	EXISTING
	FENCE	
	POWER POLE	
	EX GROUND CONTOURS	
	ASPHALT OR LANDSCAPE ELEVATION	
	MINOR DRAINAGE DIRECTION	
	O/H POWER	
	TELECOMMUNICATIONS	
	GRAVEL SURFACE	
	CLAY SURFACE	

project

JOUSSARD CLIMATE STATION  
Joussard, Alberta

drawing

## GRADING AND DRAINAGE PLAN

SCALE: 1 : 500

designed

date

drawn

date

approved

date

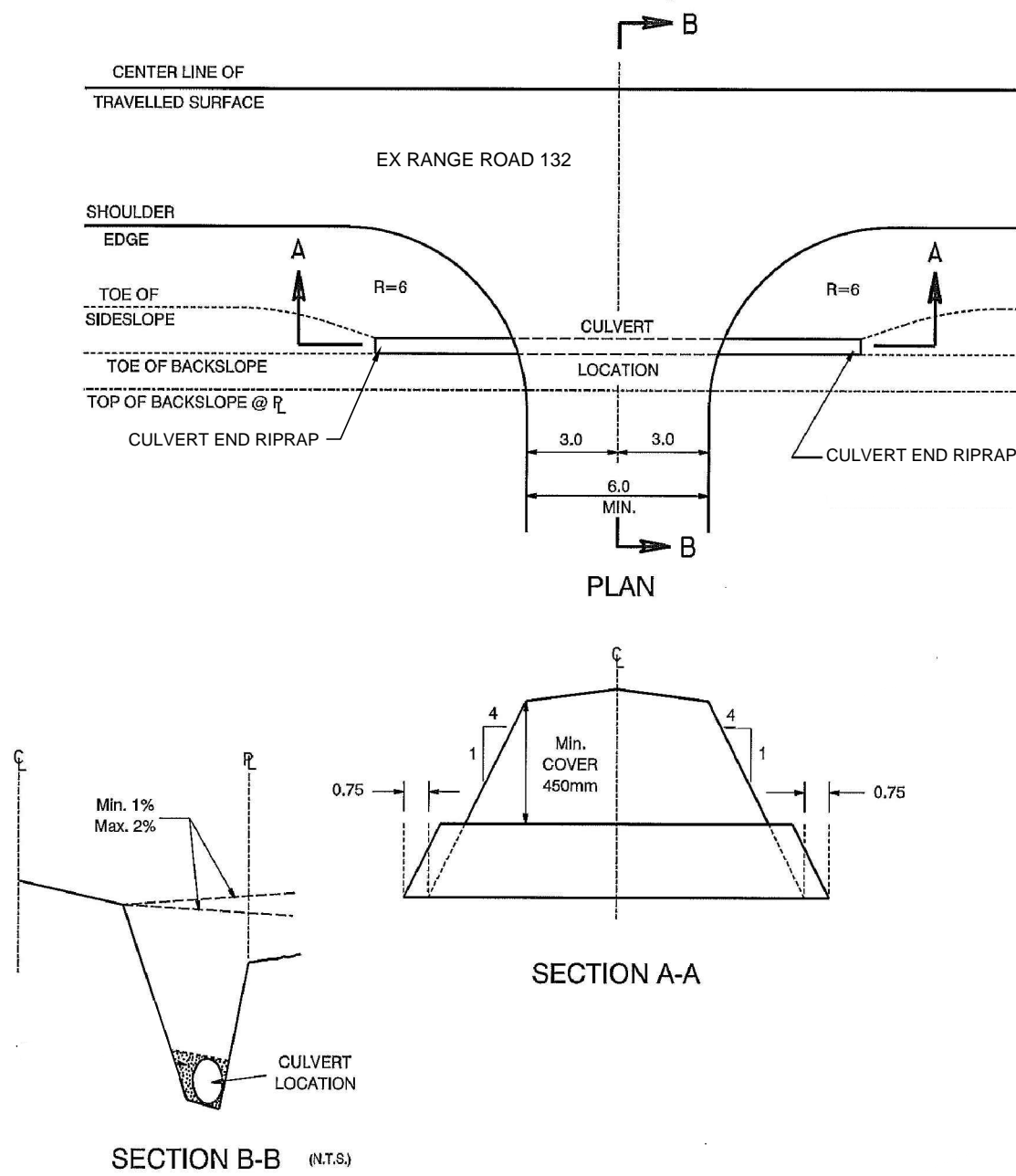
Tender

RCMP Project Manager

project number

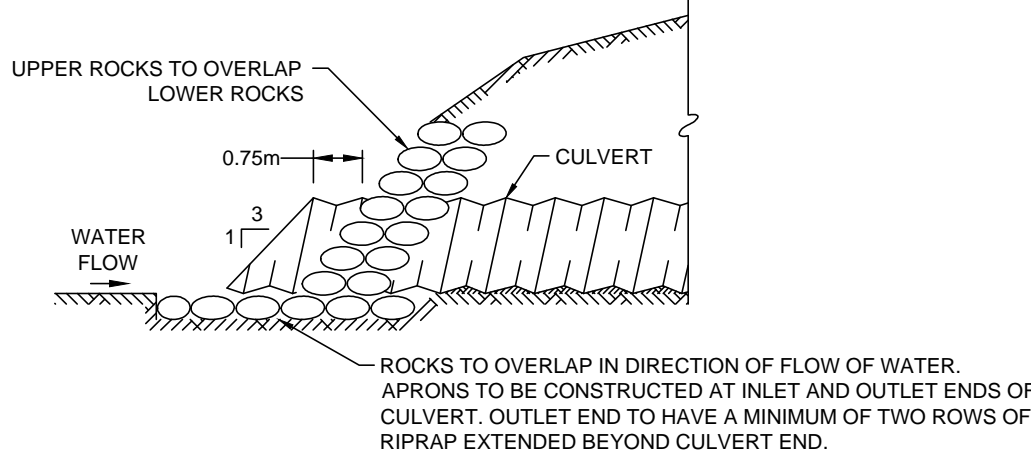
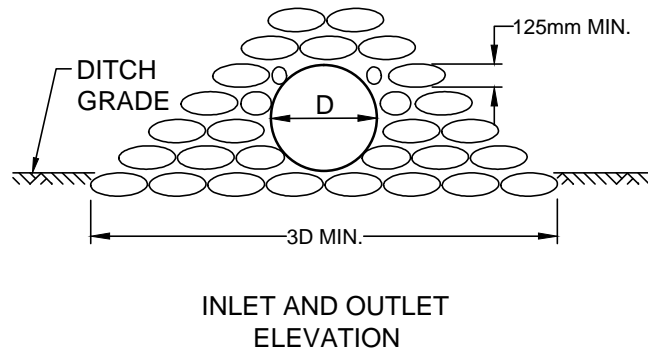
drawing number

SKAL 13-102



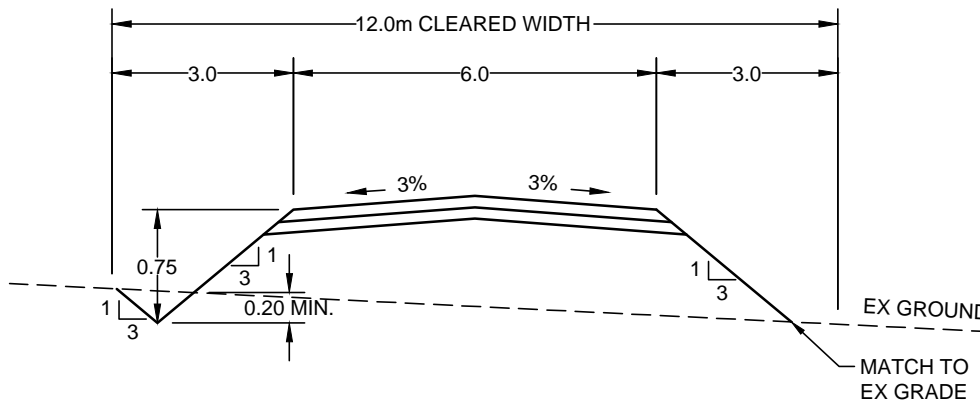
### RURAL LOCAL ACCESS

N.T.S.



### CULVERT END RIPRAP

N.T.S.



### ROADWAY STRUCTURE

100mm GRANULAR BASE (A.T. DES. 2, CLASS 25) TO 98% SPD  
250mm GRANULAR SUB-BASE (A.T. DES. 6, CLASS 80) TO 98% SPD  
150mm PREPARED SUBGRADE TO 98% SPD  
REFERENCE: GEOTECHNICAL INVESTIGATION, JOUSSARD CLIMATE STATION, P. MACHIBRODA ENGINEERING LTD., FEBRUARY 2014

ALL CMP CULVERTS TO BE HEL - COR PIPE (68mm x 13mm CORRUGATIONS AND 2.0mm WALL THICKNESS) OR APPROVED EQUIVALENT

### GRADING REQUIREMENTS:

1. REFER TO THE GEOTECHNICAL INVESTIGATION BY P. MACHIBRODA ENGINEERING LTD. (FEB. 2014) FOR SOILS AND DESIGN INFORMATION
2. ENSURE THAT UNSUITABLE MATERIALS HAVE BEEN REMOVED TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER
3. THE GEOTECHNICAL ENGINEER SHALL APPROVE THE SUBGRADE AND SUBGRADE COMPACTION PRIOR TO THE PLACEMENT OF ANY FILL MATERIALS.
4. FILL MATERIALS TO BE SOURED IN ON-SITE BORROW PITS.
5. FILL MATERIALS AND GRAVEL AREAS SHALL BE PLACED AND COMPACTED AS PER THE REQUIREMENTS IN THE GEOTECHNICAL INVESTIGATION.
6. ALL DISTURBED AREAS SHALL BE RESTORED TO THE SATISFACTION OF THE ENGINEER.