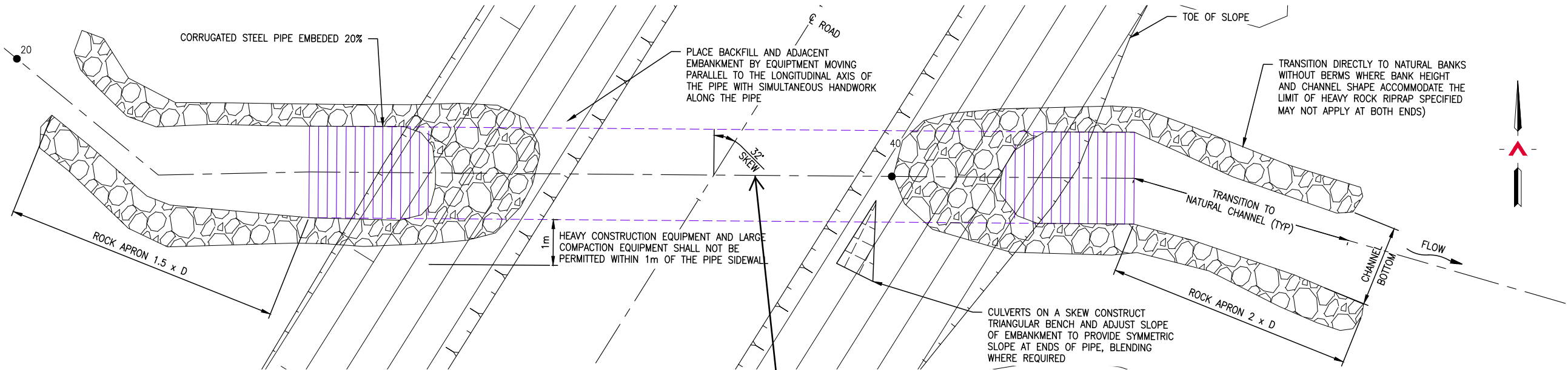




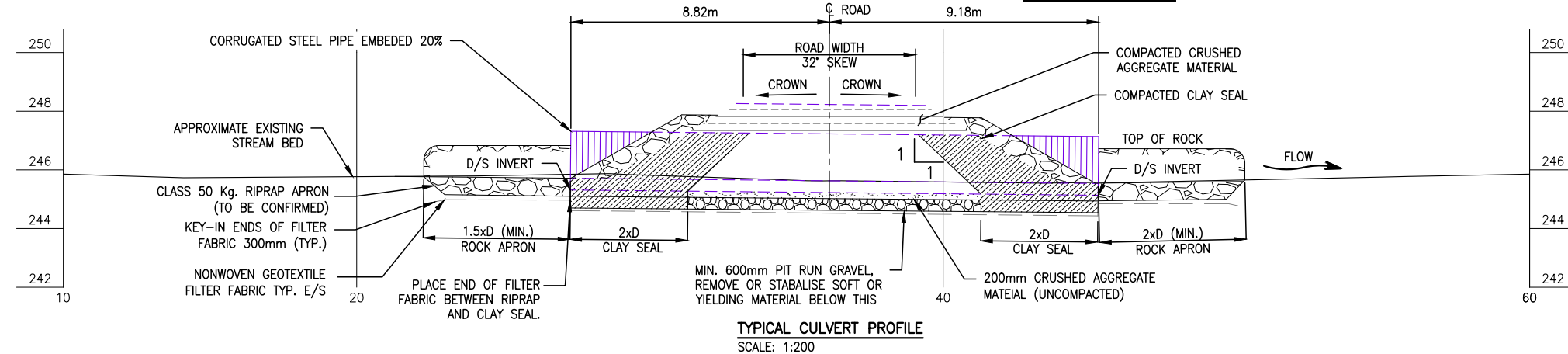
Appendix C Preliminary Minor Stream Crossings Design Concepts

Date: 2015/01/09 | User: Tammy Beer | File: P:\GP\2014\10014-GP-0128_CanadianZinc-PrairieCreekMineRoad\1000-Drawings\1011-Civil\01-Production_Site Plans\14GP0128-TYP-1960-TYPICAL CULVERT | Layout: 001 | Paper Size: 558mm x 431.8mm



PLAN
SCALE: 1:100

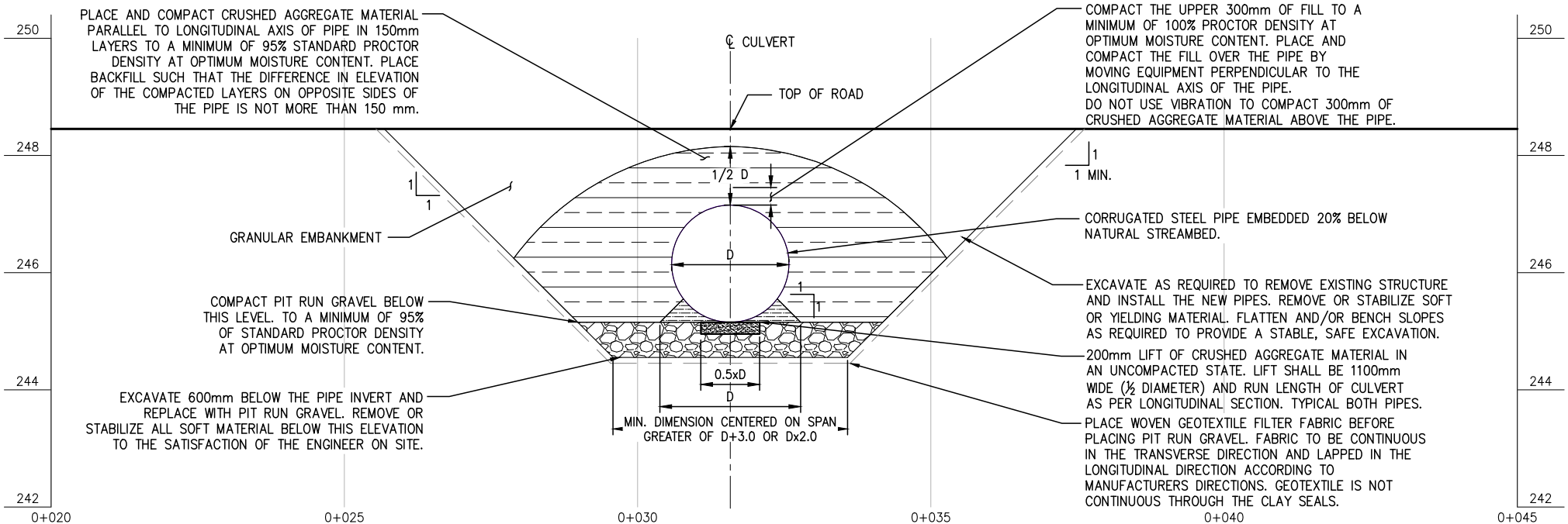
As Required



TYPICAL CULVERT PROFILE
SCALE: 1:200

NOTES:

- THESE DRAWINGS ARE INTENDED FOR CONCEPTUAL PURPOSES ONLY.
- CULVERT OR APPROVED EQUAL WALL THICKNESS TO BE SPECIFIED BY CULVERT SUPPLIER.
- RIPRAP SHALL EXTEND AROUND CULVERT INLET AND OUTLET AS SHOWN ON THE PLAN.
- FOUNDATION, BEDDING, AND BACKFILL MATERIAL SHALL BE WELL GRADED AND FREE DRAINING AS APPROVED BY THE ENGINEER. IT SHALL NOT CONTAIN FROZEN SOIL, CHUNKS OF CLAY, OR ANY OTHER DELETERIOUS MATERIAL WITHIN 1000mm OF THE STRUCTURE.
- MAINTAIN EFFECTIVE SEDIMENT AND EROSION CONTROL MEASURES UNTIL COMPLETE RE-VEGETATION OF DISTURBED AREA IS ACHIEVED.
- ALL PERMITS AND REGULATORY APPROVALS TO BE IN PLACE PRIOR TO COMMENCING WORK.
- ENVIRONMENTAL MANAGEMENT PLAN TO BE PREPARED FOR PROJECT BY OTHERS. COMPLETION OF WORKS TO COMPLY WITH MITIGATION RECOMMENDATIONS OUTLINED IN ENVIRONMENTAL MANAGEMENT PLAN.



TYPICAL CULVERT ELEVATION
SCALE: 1:100

Concept #1 D = 800 mm CMP
Concept #2 D = 1400 mm CMP
Concept #3 D = 2000 mm CMP

REFERENCE DRAWINGS		
DRAWING NO	DRAWING DESCRIPTION/TITLE	REF
-	-	1

Concept Crossings
#1, #2, #3

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0	2015/01/09	ISSUED FOR REVIEW	TJB	WBM
REV	YY/MM/DD	DESCRIPTION	DRWN	APVD

CLIENT:



CLIENT NO:	DRWN:	TJB	DATE:	15/01/09	
PROJECT NO:	14-GP-0128	DSGN:	WBM	DATE:	15/01/09
DRAWING SIZE:	ANSI "B"	CHKD:	-	DATE:	
SCALE:	AS NOTED	APVD:		DATE:	
PROJECT:					

PROJECT:

TYPICAL CULVERT CROSSING

TITLE:

TYPICAL CULVERT PLAN,
PROFILE AND ELEVATION

DWG NO:	14GP0128-TYP-1960-001	REV:	0
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