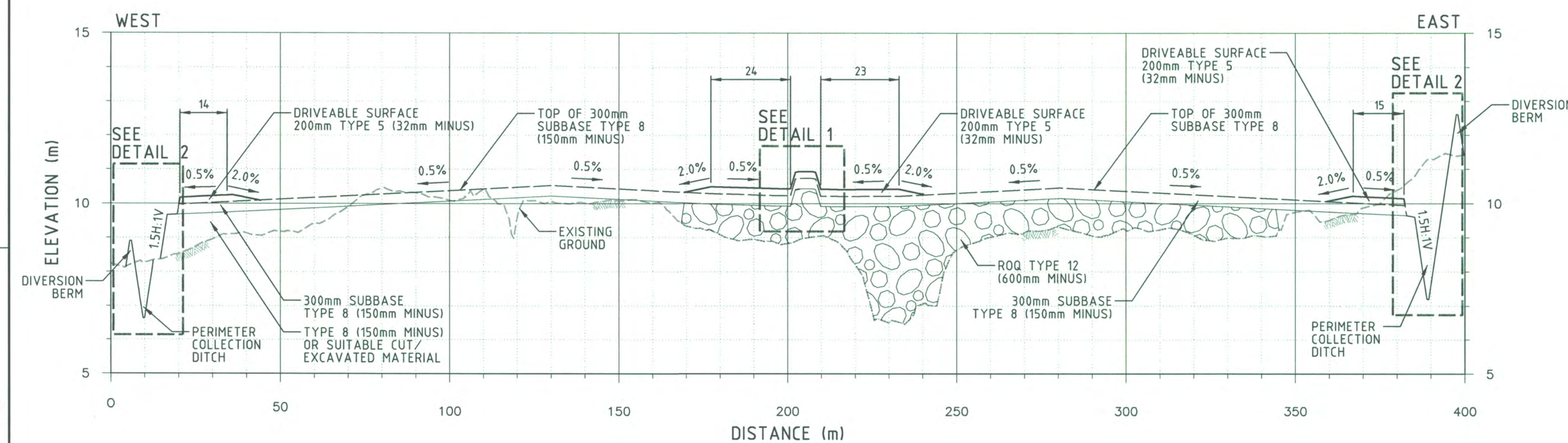
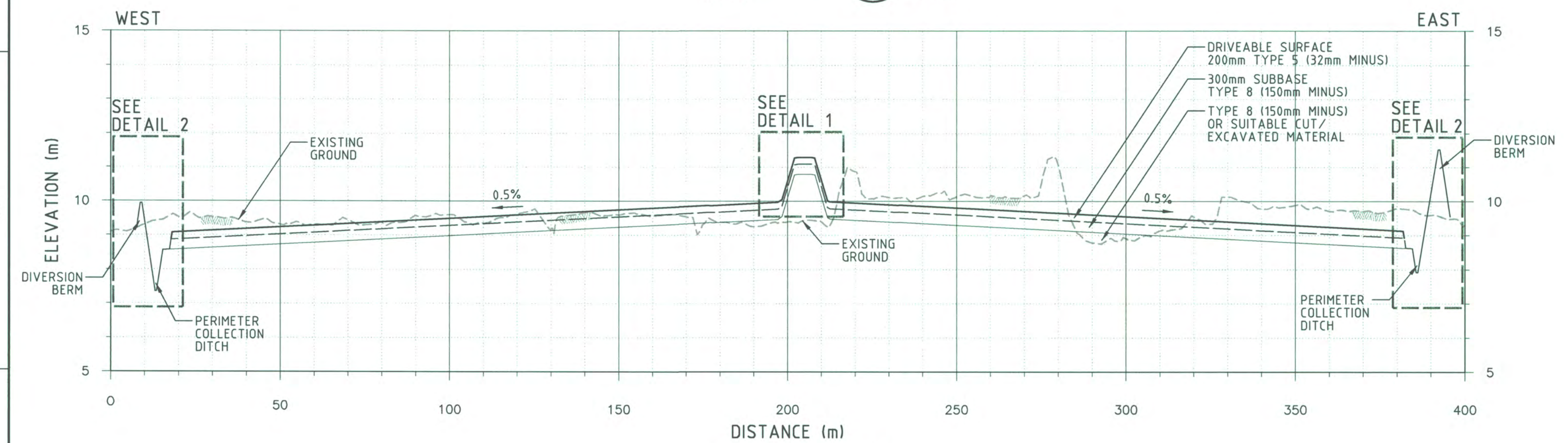


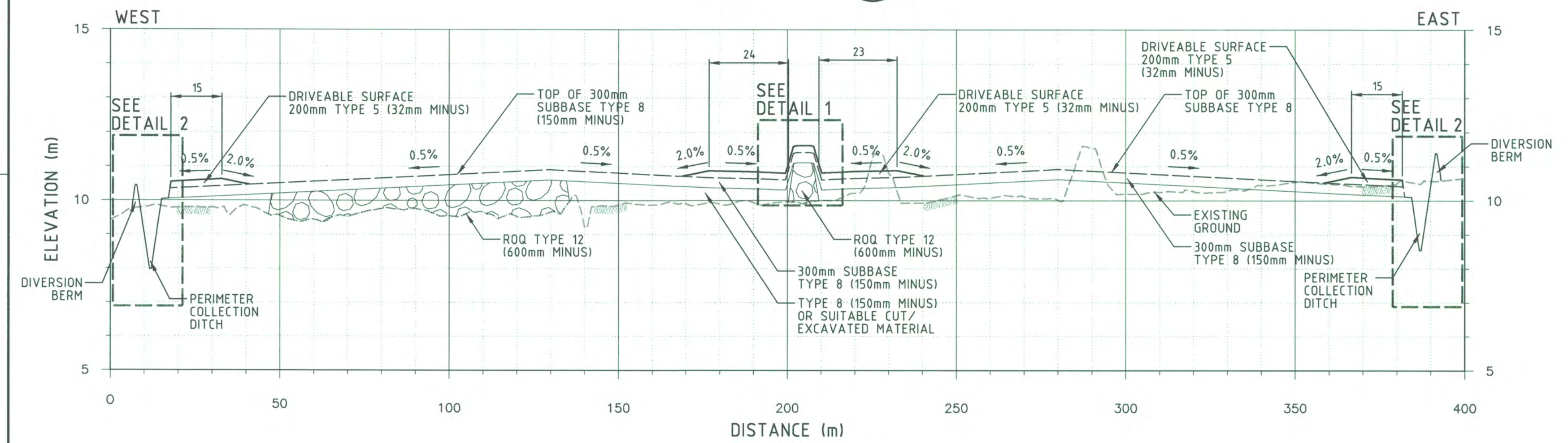
H349000-2133-10-035-0003
ON DWG



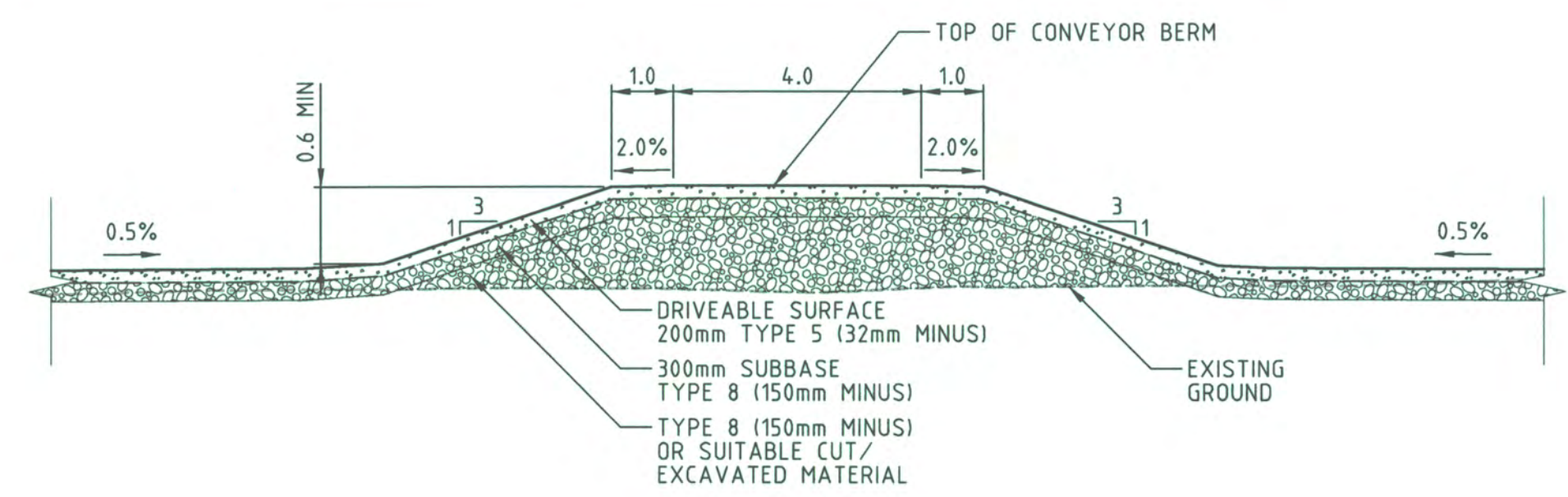
SECTION A
1:1000 H
1:100 V
2133-10-035-0001



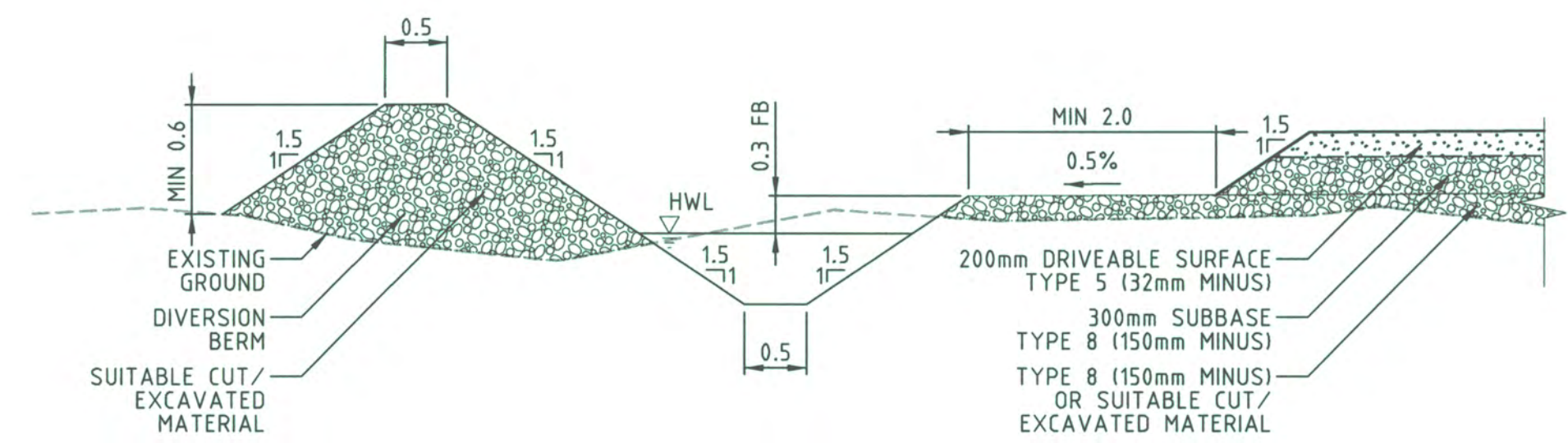
SECTION B
1:1000 H
1:100 V
2133-10-035-0002



SECTION C
1:1000 H
1:100 V
2133-10-035-0002



CONVEYOR BERM DETAIL 1
NTS



PERIMETER DITCH DETAIL 2
NTS

- LEGEND:**
- HWL HIGH WATER LEVEL
 - FB FREE BOARD
 - ROQ RUN OF QUARRY
 - Run of Quarry Material Type 12 (600mm minus) (for total fill depth > 1.0m)

- NOTES:**
- TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
 - ALL DIMENSIONS AND ELEVATIONS SHOWN ARE IN METRES UNLESS NOTED OTHERWISE.
 - FOR STANDARD EARTHWORK DETAILS REFER TO DRAWINGS H349000-1000-10-041-0001 AND -0002.

FOR CONSTRUCTION

DRAWING NO.		DRAWING TITLE		REFERENCE DRAWINGS	
1		2		3	
4		5		6	
7		8		9	

PERMIT TO PRACTICE
HATCH LTD.
Signature: *[Signature]*
Date: 29/08/13
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU

REGISTERED PROFESSIONAL ENGINEER
M. M. S. HASSAN
LICENSEE
29/08/13
NTNU

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
REVISIONS					

HATCH™

DESIGNED BY: *[Signature]* K. FALLAH
DATE 2013-08-23
CHECKED BY: *[Signature]* A. MONTAKHANI
DATE 2013-08-29
PROJ. DES. COORD. T. THERTELL
DATE 2013-08-29

DRAWN BY: *[Signature]* M. MCDOUGALD
DATE 2013-08-23
DISCIP. ENGR. S. HASSAN
DATE 2013-08-29
PROJ. ENGR. J. CLELAND
DATE 2013-08-29

PROJ. MGR. S. PERRY
DATE 2013-08-29

REV.	ISSUE FOR	AUTH.	BY	DATE
0	CONSTRUCTION	SH	MM	2013-08-29

Baffinland

MARY RIVER PROJECT

MILNE PORT
ORE STOCKPILES

EARTHWORKS & DRAINAGE-SECTIONS SHEET 1 OF 2

DWG. NO. H349000-2133-10-035-0003

SCALE: 1:1000 OR AS NOTED

ORIGINAL SHEET SIZE: ISO A1 (841 x 594)

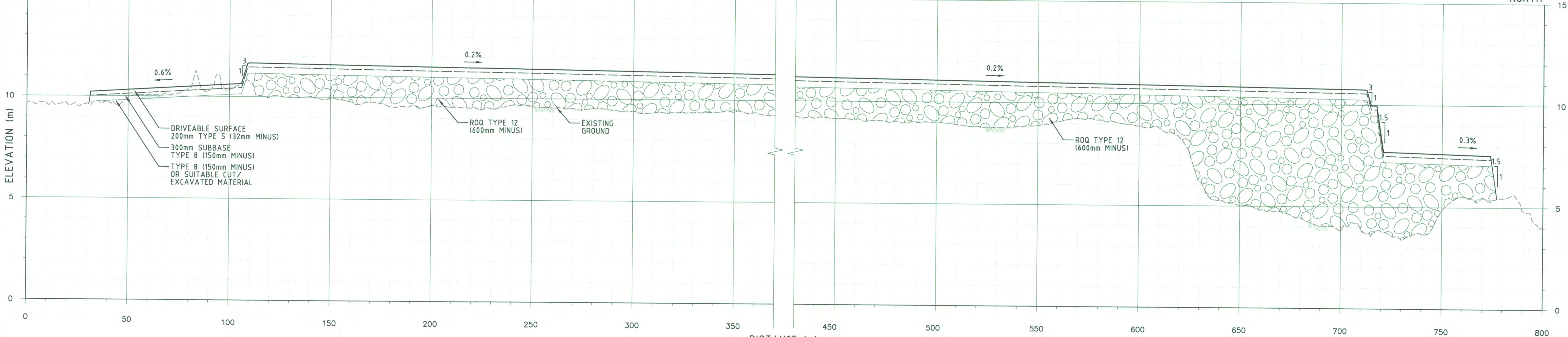
REV.	DATE	DESCRIPTION
0	2013-08-29	ISSUE FOR CONSTRUCTION

H349000-2131-10-035-0004

ON DWG

SOUTH

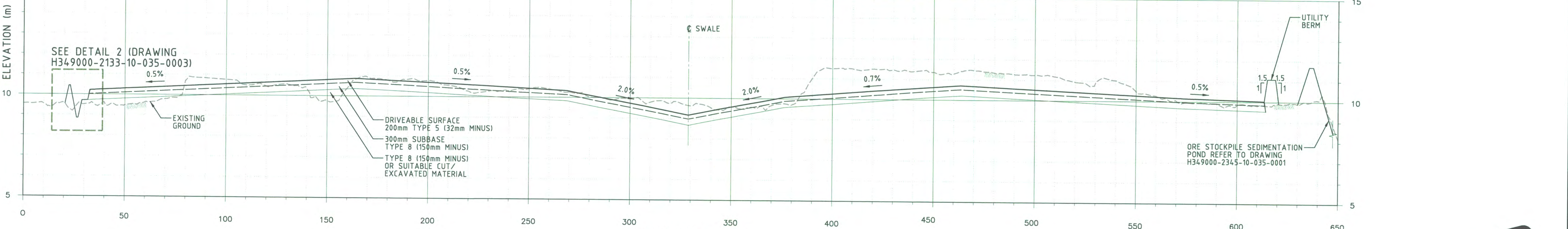
NORTH



SECTION D
1:1000 H
1:100 V
2133-10-035-0001 & -0002

SOUTH

NORTH



SECTION E
1:1000 H
1:100 V
2133-10-035-0001 & -0002

FOR CONSTRUCTION

CULVERT ID	FISH BEARING (P/Y/N)	NUMBER OF PIPES (n)	D (mm)	W (mm)	TYPE	CULVERT @ AT UPSTREAM		U/S INV. ELV. (m)	RIP RAP REQUIRED (Y/N)	CULVERT @ AT DOWNSTREAM		D/S INV. ELV. (m)	RIP RAP REQUIRED (Y/N)	C (mm)	L (m)	S (%)	SKEW DEGREE	LENGTH (m)
						NORTHING	EASTING			NORTHING	EASTING							
MP CV7	N	1	1000	1000	CSP	7 976 284.96	503 439.07	7.16	Y	7 976 326.93	503 437.43	7.04	Y	500	4.2	0.3	92.3	42
MP CV8	N	1	500	500	CSP	7 976 349.79	503 286.98	9.03	Y	7 976 357.01	503 296.57	8.97	Y	300	2.0	.5	-	12

CULVERT SCHEDULE

REFER TO DRAWING H349000-1000-10-041-0003 FOR DETAIL.

LEGEND:

HWL	HIGH WATER LEVEL
ROQ	RUN OF QUARRY
CSP	CORRUGATED STEEL PIPE
FISH BEARING	(P=POTENTIAL, Y=YES, N=NO)
	RUN OF QUARRY MATERIAL TYPE 12 (600mm MINUS) (FOR TOTAL FILL DEPTH > 1.0m)

NOTES:

- TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
- ALL DIMENSIONS AND ELEVATIONS SHOWN ARE IN METRES UNLESS NOTED OTHERWISE.

PERMIT TO PRACTICE
HATCH LTD.
Signature:
Date: 29 Aug 13
PERMIT NUMBER: P 512
The Association of Professional Engineers,
Geologists and Geophysicists of NWT/NU



HATCH™

DESIGNED BY: K. FALLAH
DATE 2013-08-23
CHECKED BY: A. MOHEBKHANI
DATE 2013-08-29
PROJ. DES. MGR. T. FORTIN
DATE 2013-08-29
DRAWN BY: M. MCDOUGALD
DATE 2013-08-23
DISCIP. ENGR. S. HASSAN
DATE 2013-08-29
PROJ. ENGR. J. CLELAND
DATE 2013-08-29
PROJ. MGR. S. PERRY
DATE 2013-08-29

Baffinland

MARY RIVER PROJECT

MILNE PORT
ORE STOCKPILES
EARTHWORKS & DRAINAGE-SECTIONS SHEET 2 OF 2

SCALE: 1:1000
OR AS NOTED
DWG. NO. H349000-2133-10-035-0004
REV. 0