

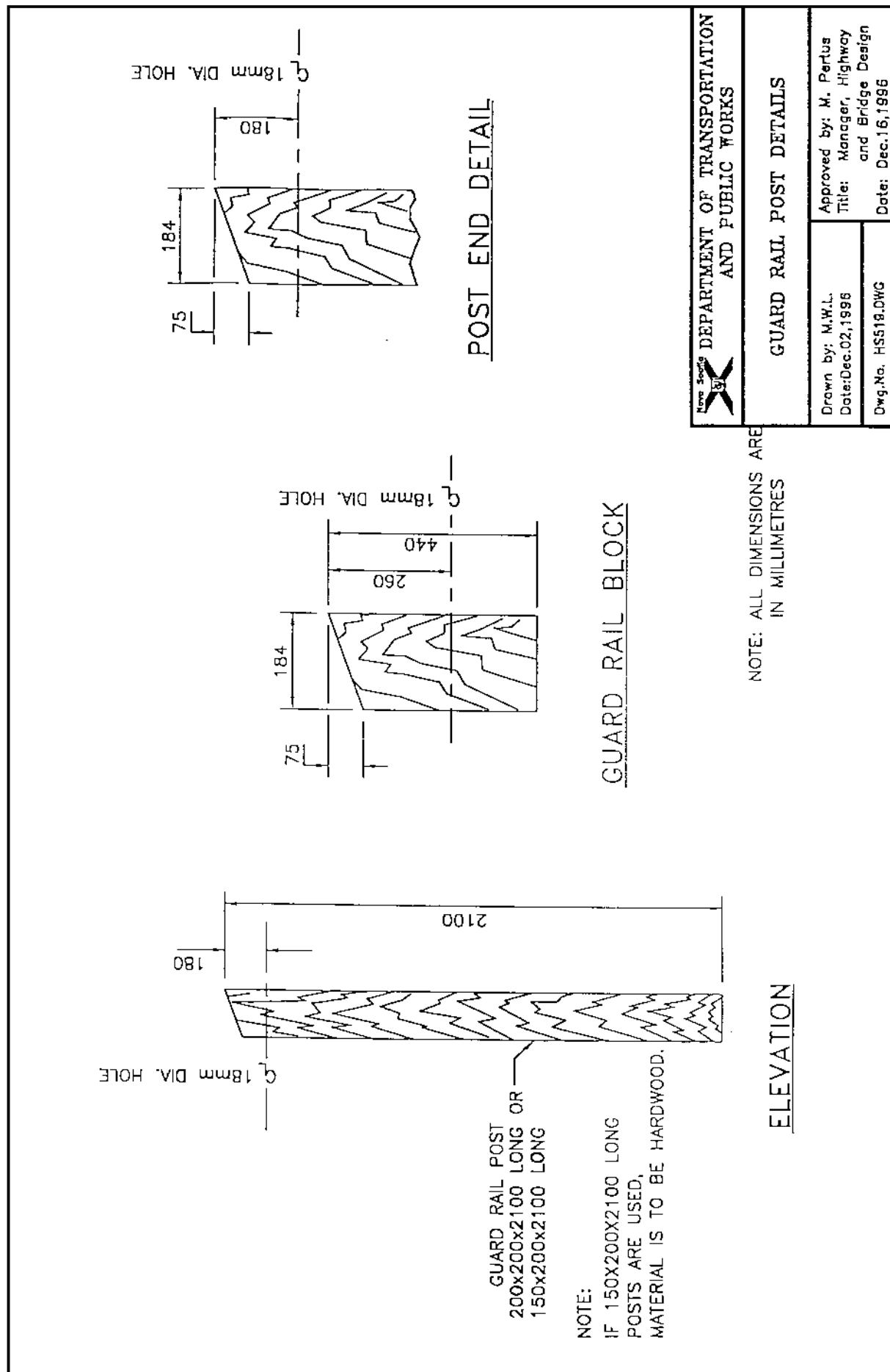
Appendix C

NSTIR Detail Drawings

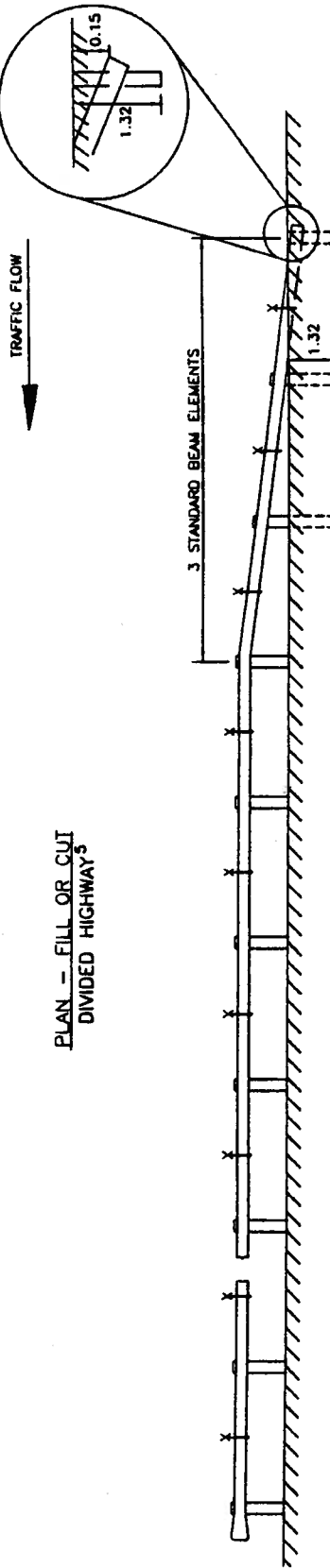
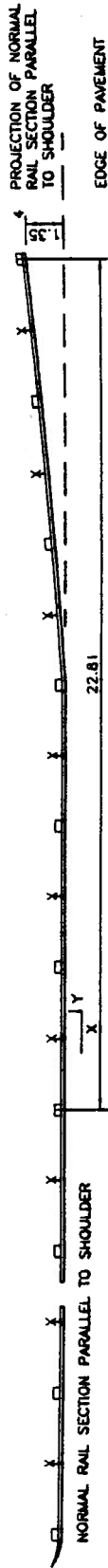
The contract drawings reference the following detail drawings from the Nova Scotia Department of Transportation and Infrastructure Renewal Standard Specification - Highway Construction and Maintenance (2011). The details are provided for reference only and do not necessarily constitute a complete compilation of applicable standards.

HS518 - Guard Rail and Post Details
HS519 - Guard Rail Post Details
HS520 - Steel Beam Guard Rail Buried end Treatment
HS525 - Guardrail Anchor Base on Concrete
HS403 - Asphalt Concrete Gutter

Division 8 Standard Drawings



POST OFFSET TABLE		
FILL OR CUT		
x	y	y ³
3.81	0.04	
7.62	0.15	
11.42	0.34	
15.22	0.60	
19.02	0.94	
22.81	1.35	



PLAN - FILL OR CUT
DIVIDED HIGHWAYS

ELEVATION
DIVIDED HIGHWAY

- NOTES:
1. FOR STRONG POST SYSTEM, ADD POST AT POINT "x".
 2. THIS STANDARD DRAWING IS NOT APPLICABLE TO NEW 100 SERIES HIGHWAY CONSTRUCTION.
 3. MEASURED FROM FACE OF RAIL BASED ON NORMAL RAIL SECTION PARALLEL TO SHOULDER AT A.
 4. GUARD RAIL MAY BE PLACED AS PRACTICABLE FROM EDGE OF SHOULDER. IN NO CASE MAY GUARD RAIL BE PLACED DOWN THE SLOPE.
 5. FOR 2-LANE / 2-WAY ROADWAYS, BURY BOTH ENDS OF GUARD RAIL
 6. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.

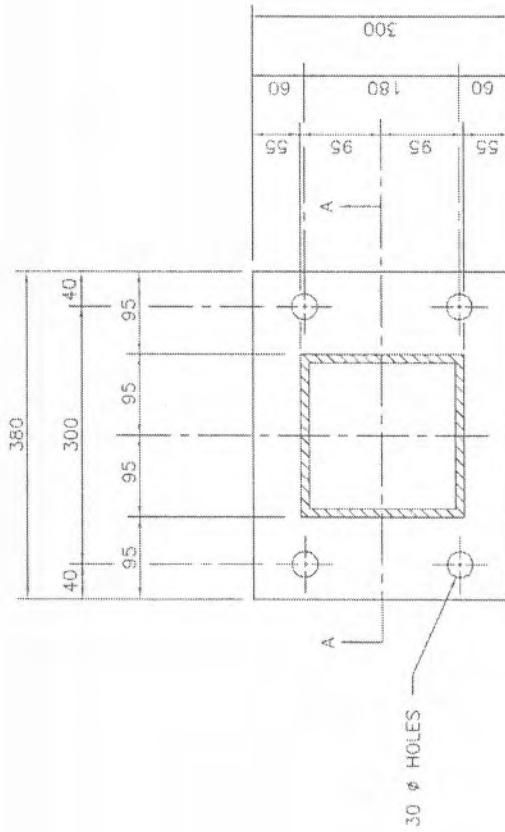
No.	REVISION
3	Addition of post bury depth - FEB 11
2	Addition of "x" for strong post system
1	Notes, Titles - Feb 10

Scale : N.T.S.
Drawn by : M.LABRECHE
Checked by : J.RAE
Date of Plan : AUG2009
File No. : S-2008-072

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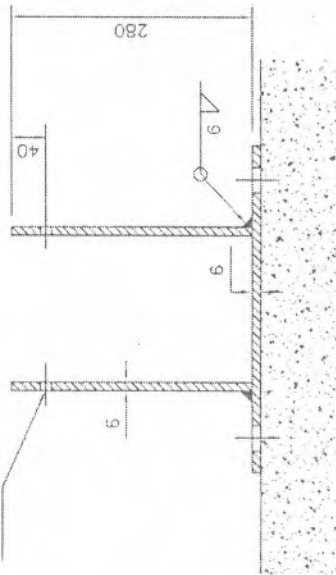
[Signature]
Manager Highway Planning and Design
[Signature]
Director Highway Engineering Services
[Signature]
Executive Director Highway Engineering and Construction

STEEL BEAM GUARD RAIL BURIED
END TREATMENT HS520



PLAN

19 Ø HOLES FOR
16 Ø LAC BOLTS
100 LONG.



SECTION A-A

NOTES:
1. BASE PLATE IS HELD IN PLACE BY WEDGE ANCHORS (RED HEAD PHILLIPS ANCHORS WS-7860 OR EQUIVALENT) INSTALLED TO MANUFACTURER'S SPECIFICATIONS.
2. ANCHORS ARE 22mm Ø x 150mm LONG WITH 100mm EMBEDMENT.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

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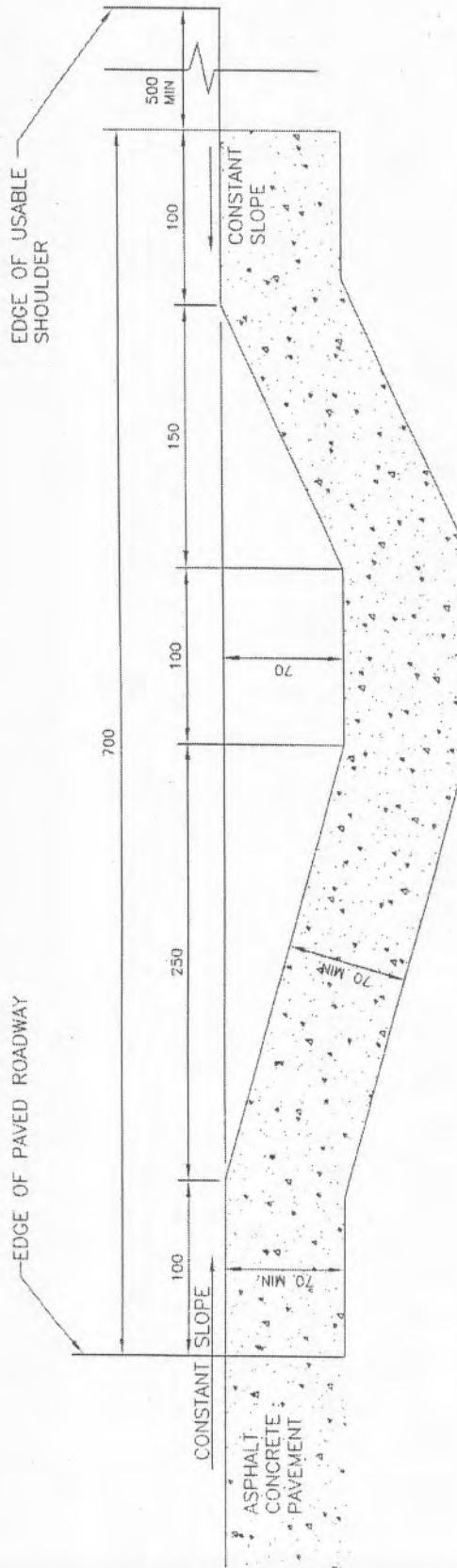
No.	REVISION
1	HS # ADDED TO TITLE

Scale : N.T.S.
Drawn by : M.LABRECHE
Checked by : J.RAE
Date of Plan : AUG2009
File No. : S-2009-07B

Mike Cohen
Manager Highway Planning and Design

[Signature]
Director Highway Engineering Services
Executive Director Highway Engineering and Construction

**GUARDRAIL ANCHOR BASE
ON CONCRETE HS-525**



NOTES:
 1. OFFTAKE GUTTERS ARE TO BE CONSTRUCTED AT LOCATIONS SPECIFIED BY THE ENGINEER AND ARE TO EXTEND TO THE EDGE OF SHOULDER AND DOWN THE SLOPE 1m MINIMUM.
 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

Alpo Cohen
 Manager Highway Planning and Design

[Signature]
 Director Highway Engineering Services

[Signature]
 Executive Director Highway Engineering and Construction

ASPHALT CONCRETE GUTTER HS-403

Scale : N.T.S.
 Drawn by : M. LABRECHE
 Checked by : K. BODDY
 Date of Plan : AUG2009
 File No. : S-2009-023

No.	REVISION
1	HS # ADDED TO TITLE

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