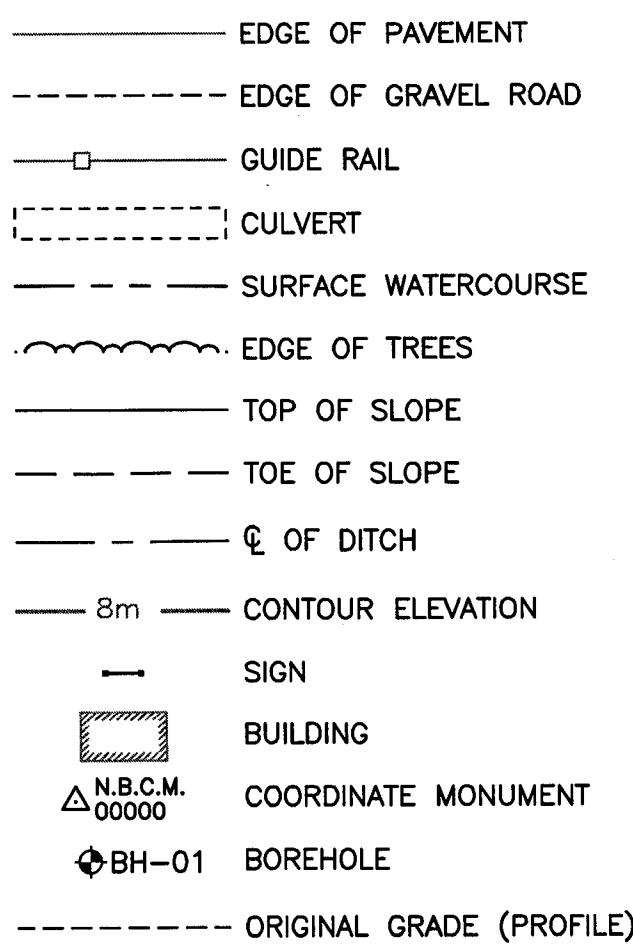


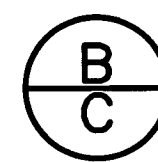
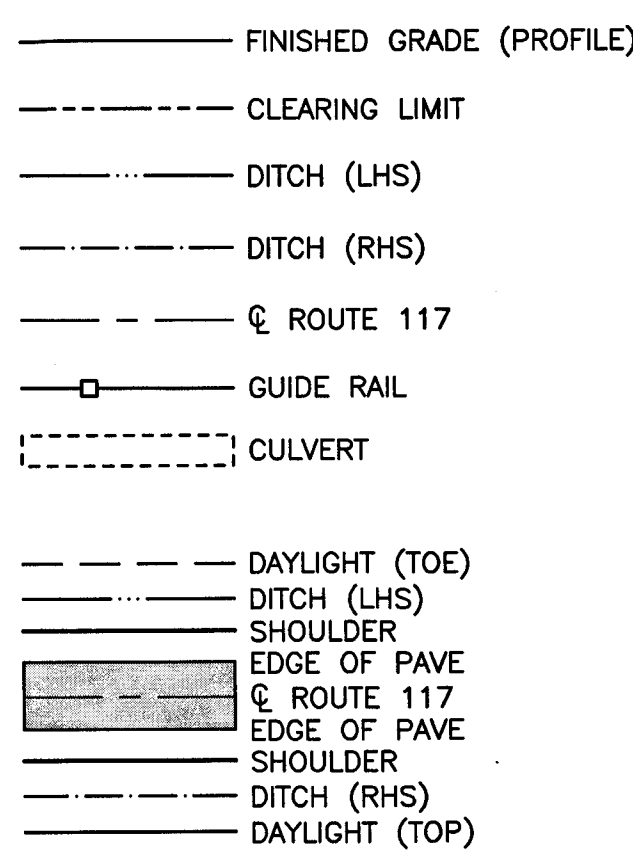
REFERENCE MONUMENTS				
N.B.A.C.S.	NORTHING	EASTING	ELEV. (m)	REFERENCE
MIRA (28158)	7,555,066.931	2,570,930.111	7.824	NAD83 CSRS
MCTN (28155)	7,456,492.126	2,628,800.997	46.562	NAD83 CSRS

SURVEY CONTROL				
ID	NORTHING	EASTING	ELEV. (m)	REFERENCE
9001	7,531,490.722	2,614,072.615	34.578	CONTROL POINT
9003	7,535,679.262	2,614,866.723	12.368	CONTROL POINT
9004	7,537,841.422	2,615,092.186	7.048	CONTROL POINT
9005	7,539,519.620	2,615,625.535	10.139	CONTROL POINT
9006	7,541,710.930	2,617,631.395	8.615	CONTROL POINT
9007	7,544,914.228	2,618,410.596	10.692	CONTROL POINT
9008	7,546,977.947	2,619,691.548	9.792	CONTROL POINT
2455	7,535,679.248	7,535,679.248	12.362	CONTROL POINT
9002	7,533,606.693	2,612,746.466	13.887	CONTROL POINT
9101	7,530,780.937	2,613,099.049	39.718	CONTROL POINT
9102	7,530,882.653	2,613,443.314	38.243	CONTROL POINT
9103	7,530,971.931	2613774.310	35.312	CONTROL POINT
9104	7,531,113.615	2,613,948.360	36.648	CONTROL POINT
9105	7,531,271.149	2,614,036.925	36.973	CONTROL POINT
9106	7,531,735.165	2,613,990.926	32.807	CONTROL POINT
9107	7,531,900.642	2,613,834.224	32.165	CONTROL POINT
9108	7,532,065.695	2,613,484.077	31.060	CONTROL POINT
9109	7,532,228.599	2,613,347.723	28.929	CONTROL POINT
9110	7,532,612.286	2,613,220.186	20.625	CONTROL POINT
9111	7,532,744.536	2,613,102.856	19.788	CONTROL POINT
9112	7,532,861.516	2,612,917.839	18.054	CONTROL POINT
9113	7,533,051.944	2,612,804.238	16.536	CONTROL POINT
9114	7,533,465.712	2,612,718.644	6.466	CONTROL POINT
9150	7,531,272.674	2,614,037.450	36.946	CONTROL POINT
9201	7,533,888.166	2,613,091.056	15.281	CONTROL POINT
9301	7,535,849.557	2,615,387.846	8.429	CONTROL POINT
9302	7,535,993.100	2,615,661.740	8.577	CONTROL POINT
9303	7,536,084.043	2,615,744.780	9.444	CONTROL POINT
9304	7,536,385.746	2,615,812.101	6.830	CONTROL POINT
9305	7,536,824.331	2,615,441.435	12.093	CONTROL POINT
9399	7,533,752.144	2,612,922.578	15.555	CONTROL POINT
9401	7,536,106.800	2,615,003.707	8.242	CONTROL POINT
9549	7,538,790.992	2,615,010.359	8.036	CONTROL POINT
9555	7,539,144.829	2,615,029.842	10.383	CONTROL POINT
9556	7,539,186.336	2,615,056.351	10.267	CONTROL POINT
9557	7,539,229.301	2,615,083.369	9.592	CONTROL POINT
9558	7,539,259.559	2,615,124.283	8.154	CONTROL POINT
9559	7,539,275.515	2,615,175.327	7.164	CONTROL POINT
9560	7,539,298.600	2,615,211.686	7.553	CONTROL POINT
9561	7,539,312.206	2,615,265.738	7.880	CONTROL POINT
9562	7,539,331.386	2,615,311.952	8.169	CONTROL POINT
9563	7,539,351.673	2,615,357.880	8.351	CONTROL POINT
9564	7,539,373.699	2,615,402.872	8.857	CONTROL POINT
9565	7,539,397.602	2,615,447.047	9.382	CONTROL POINT
9597	7,539,378.912	2,615,129.383	7.887	CONTROL POINT
9598	7,539,348.869	2,615,242.045	7.556	CONTROL POINT
9599	7,539,358.564	2,615,194.416	2.915	CONTROL POINT
19001	7,531,490.733	2,614,072.613	34.572	CONTROL POINT
19202	7,456,492.126	2,628,800.997	46.562	CONTROL POINT
19203	7,534,469.374	2,613,791.872	13.859	CONTROL POINT
19204	7,534,602.309	2,614,042.698	14.217	CONTROL POINT
19205	7,534,789.919	2,614,226.776	14.240	CONTROL POINT
19399	7,536,379.528	2,615,780.902	5.142	CONTROL POINT
35002	7,535,993.098	2,615,681.738	8.580	CONTROL POINT
35560	7,539,298.597	2,615,211.687	7.557	CONTROL POINT
35699	7,539,358.564	2,615,194.417	2.921	CONTROL POINT

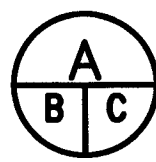
LEGEND EXISTING



LEGEND NEW



A DETAIL NO./NO. DU DETAIL  
B LOCATION DRAWING NO./SUR  
DESSIN NO.  
C DRAWING NO./DESSIN NO.



GENERAL NOTES

GENERAL

- ELEVATIONS SHOWN ARE GEODETIC, AND ARE REFERENCED TO N.B.A.C.S. MIRA (28158) AND MCTN (28155) AT AN ELLIPSOIDAL ELEVATION OF -11.548m (MIRA). COORDINATES REFER TO NAD83 CSRS REFERENCE SYSTEM.
- ELEVATIONS ARE EXPRESSED IN METRES.
- EXISTING GROUND ELEVATIONS ARE BASED ON FIELD SURVEY DATA COLLECTED BY T.G. WILLISTON SURVEYS LTD. IN 2014 INCLUDING CROSS SECTIONS AT 50m INTERVALS.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED OTHERWISE.
- STATIONING IS EXPRESSED IN METRES.
- HORIZONTAL AND VERTICAL ALIGNMENT GEOMETRY ARE A BEST FIT BASED ON THE 2014 TOPOGRAPHIC SURVEY.
- VERIFY ALL ELEVATIONS AND DIMENSIONS OF EXISTING STRUCTURES AND FEATURES IN THE FIELD.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL BUILDING CODE OF CANADA, CANADIAN CONSTRUCTION SAFETY CODE AND ALL REGULATIONS AS SET OUT BY LOCAL AUTHORITIES HAVING JURISDICTION.
- COMPLY WITH ALL REQUIREMENTS OF THE TECHNICAL SPECIFICATIONS BOUND SEPARATELY.

ENVIRONMENTAL

- WORK OPERATIONS SHALL BE CARRIED OUT AT ALL TIMES SO AS TO CAUSE A MINIMUM OF DISTURBANCE AND SILTATION TO WATERCOURSES.
- USE SILT FENCE AND ALL OTHER APPROPRIATE MEANS TO PREVENT SEDIMENT FROM DISTURBED AREAS FROM ENTERING ANY WATERCOURSE. LOCATE AS REQUIRED AND AS DIRECTED.
- MONITOR EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES DURING AND AFTER RAINFALL EVENTS. REPAIR AND REPLACE AS NECESSARY.
- REVEGETATE ALL DISTURBED AREAS WITH APPROVED SEED MIX TO THE SATISFACTION OF THE ENVIRONMENTAL PROTECTION OFFICER (E.P.O.).

EXCAVATION

- PROVIDE ADEQUATE PROTECTION TO ALL SURVEY AND LAYOUT MARKERS, INCLUDING BENCH MARKS AND EXISTING FACILITIES, EQUIPMENT, ETC.
- EXCAVATE TO ELEVATIONS INDICATED AND TO WELL DEFINED LINES SUFFICIENT TO ALLOW INSTALLATION, CONSTRUCTION AND INSPECTION OF WORK WITH MINIMUM FILL.
- EXCAVATIONS SHALL BE DRY, FREE OF LOOSE OR ORGANIC MATTER.
- PROTECT BOTTOM OF EXCAVATION FROM SOFTENING. SOFTENED SOIL SHALL BE REMOVED AND REPLACED WITH DENSE STRUCTURAL FILL COMPACTED TO 95% OF MODIFIED PROCTOR.
- STOCKPILE EXCAVATED MATERIAL SO AS TO NOT INTERFERE WITH SITE OPERATIONS OR DRAINAGE.
- CORRECT UNAUTHORIZED EXCAVATION UNDER BEARING SURFACES AND OTHER AREAS WITH DENSE STRUCTURAL FILL COMPACTED TO 95% OF MODIFIED PROCTOR, AT NO EXTRA COST.
- DO NOT PROCEED WITH FURTHER WORK UNTIL EXCAVATION HAS BEEN INSPECTED AND APPROVED BY THE DEPARTMENTAL REPRESENTATIVE.

FOUNDATIONS

- ALL FOUNDATIONS AND SUBGRADE SURFACES SHALL BE FOUNDED ON UNDISTURBED NATIVE SOILS, BEDROCK, OR APPROVED FILL MATERIAL.

BACK FILL

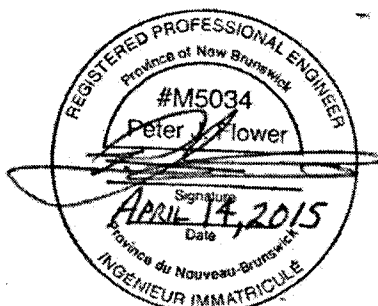
- DO NOT COMMENCE BACKFILLING UNTIL AREAS OF WORK TO BE BACKFILLED HAVE BEEN INSPECTED AND APPROVED BY THE DEPARTMENTAL REPRESENTATIVE.
- AREAS TO BE BACKFILLED SHALL BE FREE OF DEBRIS, SNOW, ICE, WATER OR FROZEN GROUND.
- BACKFILL ONLY WITH MATERIAL APPROVED BY THE DEPARTMENTAL REPRESENTATIVE IN CONTINUOUS HORIZONTAL LAYERS NOT EXCEEDING SPECIFIED THICKNESS AND COMPACT AS SPECIFIED AND REQUIRED.
- BACKFILL SIMULTANEOUSLY EACH SIDE OF PIPE OR WALLS. BRACE OR SHORE TO COUNTERACT UNBALANCED PRESSURES. DO NOT REMOVE UNTIL AUTHORIZED BY THE DEPARTMENTAL REPRESENTATIVE.
- COMPACT MATERIALS AS SPECIFIED.

SIGNAGE

- SIGNS IDENTIFIED FOR REMOVAL AND REINSTATEMENT ARE TO BE REPLACED WITH PRESSURE TREATED WOOD AS SHOWN ON DETAILS PROVIDED IN THIS PACKAGE.
- ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE TAC MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OF CANADA.



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0	ISSUED FOR TENDER	04/14 2015
revisions		date
project		project
ROUTE 117 REHABILITATION REHABILITATION ROUTE 117 PARC NATIONAL KOUCHIBOUGUAC NATIONAL PARK COMTE DE KENT COUNTY, NB		
drawing		dessin
GENERAL NOTES AND LEGEND		
designed P.J.F.		comp
date 2015/04/14		
drawn J.L.D.		dessin
date 2015/04/14		
approved		approved
date		date
Tender		Submission
PWSC Project Manager		Administrateur de projet
project number		no. du projet
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drawing no.		no. du dessin
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