

1. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM WORKS AND TO COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS.
2. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF NATURAL WATERCOURSES FROM DAMAGE DUE TO SILTATION AND DELETERIOUS RUNOFF FROM CONSTRUCTION SITES AND DEWATERING PROCEDURES.
3. ALL MATERIALS AND EQUIPMENT SHOULD BE STORED AND OPERATED IN A MANNER THAT PREVENTS ANY DELETERIOUS SUBSTANCE FROM ENTERING THE WATER.
4. PRIOR TO CARRYING OUT WORK, CHECK LONG RANGE WEATHER FORECAST TO ENSURE THAT THERE IS ADEQUATE TIME BEFORE FORECAST OF HEAVY RAIN STORMS TO STABILIZE THE WORK SITE.
5. PROTECT ALL REMAINING VEGETATION FROM DAMAGE.
6. RIP RAP IS TO BE NON-ORE BEARING, NON-TOXIC TO AQUATIC LIFE, SPECIALLY SELECTED AND SIZED QUARRY STONE WITH ANGULAR SHAPE AND FREE FROM ROUNDED, FLAT OR ELONGATED PARTICLES. VEGETO TO MEET THE SPECIFICATIONS FOR HAND PLACED RIP RAP UNLESS OTHERWISE NOTED.
7. PLACE EROSION AND SEDIMENT CONTROL DEVICES BEFORE GRUBBING THE RELATED WORK AREA AS PER NOVA SCOTIA STANDARDS.
8. COVER SOIL STOCKPILES WITH PLASTIC OR APPROVED EQUAL WHEN SO DIRECTED.

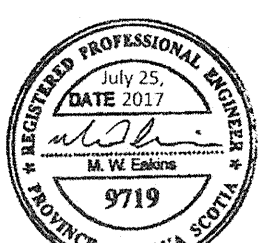
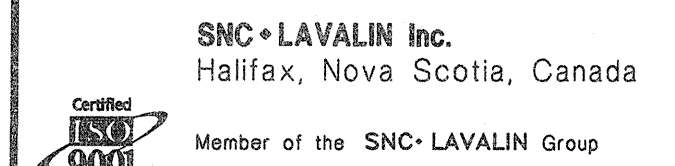
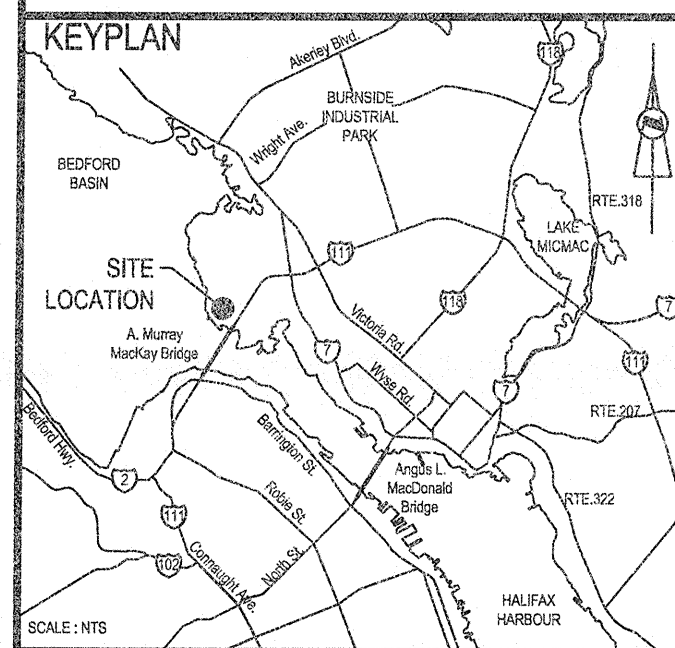
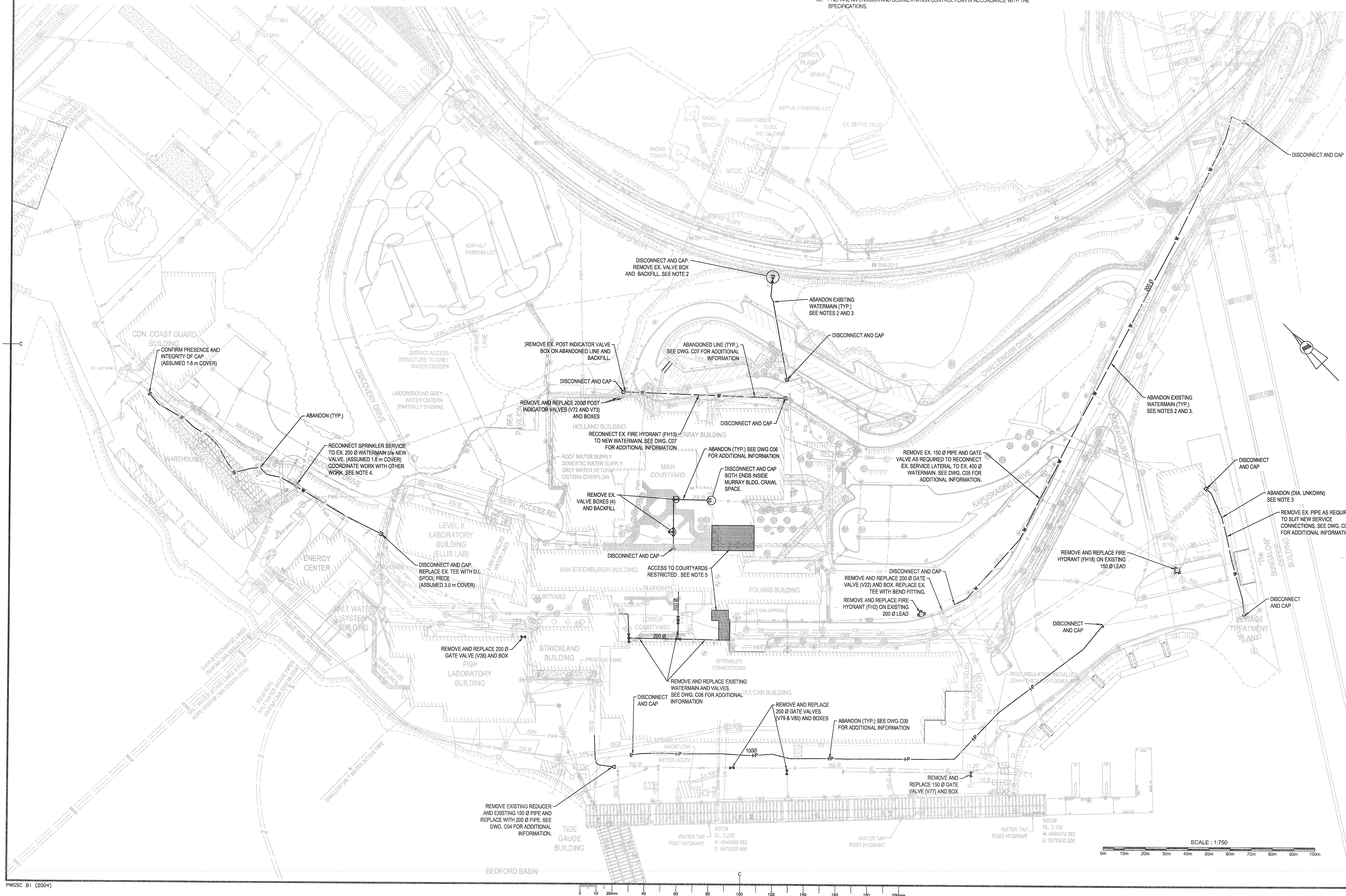
9. EXCAVATE SWALES IN ALL AREAS AT THE EARLIEST PRACTICAL TIME IN THE CONSTRUCTION SEQUENCE TO PREVENT WATER FROM FLOWING ACROSS EXPOSED SOIL.
10. ALL AREAS EXPOSED DURING CONSTRUCTION, INCLUDING CONTROL STRUCTURES SUCH AS BERMS, SWALES, DITCHES, ETC., SHALL BE STABILIZED IMMEDIATELY.
11. PROTECT DISTURBED SOIL AREAS ON THE BANKS AND AREAS ADJACENT WATER FEATURES FROM SURFACE EROSION BY EITHER HEDGEROEWING WITH A HEAVY MULCH, TACKIFIER, SEED MIX, BY INSTALLING EROSION BLANKETS AND / OR BY HEAVILY REVEGETATING.
12. CONTRACTOR TO PLANT NATIVE TREES, SHRUBS AND HERBACEOUS PLANTS WHICH ARE APPROPRIATE TO THE SITE CONDITIONS TO REVEGETATE AND REPLACE RIPARIAN VEGETATION.
13. THE FLOW CHANNEL OF ALL PERMANENT OR TEMPORARY DRAINING DITCHES AND SWALES SHALL BE STABILIZED IMMEDIATELY UPON FINAL GRADING.
14. MAINTAIN QUANTITY OF APPROPRIATE EROSION AND ENVIRONMENTAL PROTECTION MATERIALS (E.G. SILT FENCES, HAY BALES, WOOD CHIPS, AND TYPE 1 GRAVEL) ON SITE AT ALL TIMES.
15. MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES FROM TIME OF INSTALLATION UNTIL AFTER ALL ADJACENT DRAINAGE AREAS HAVE BEEN STABILIZED.
16. ALTHOUGH NOT ENCOUNTERED DURING SITE INVESTIGATIONS THE PRESENCE OF

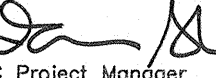
SURPLUS SLATE OR SHALE MATERIAL IN AREAS OF EXCAVATION SHALL BE IDENTIFIED TO THE DEPARTMENTAL REPRESENTATIVE. OBTAIN DIRECTION AND APPROVAL FROM THE DEPARTMENTAL REPRESENTATIVE PRIOR TO ANY DISTURBANCE OF IN-SITU MATERIAL. IN INTERIM PERIOD, MINIMIZE MATERIAL EXPOSURE TO ELEMENTS AND DIVERT RUN-OFF AWAY FROM AREAS OF CONCERN.

17. THE CONTRACTOR SHALL CONTROL WORK TO A MINIMUM AREA, COMPLETE PROMPTLY AND STABILIZE THE SURFACE BEFORE GOING ON TO THE NEXT AREA.
18. ANY DISTURBED AREAS WHICH MAY BE REWORKED SHALL BE STABILIZED USING APPROVED METHODS WITHIN TWO WEEKS OF THE DISTURBANCE OR BEFORE A FORECAST OF A SIGNIFICANT RAINFALL EVENT. MAINTAIN IN PLACE UNTIL PLACEMENT OF PERMANENT STABILIZATION OR LANDSCAPING.
19. EXCAVATE HIGH SIDED CUTOFF DITCHES AS NECESSARY AT THE EARLIEST PRACTICAL TIME IN THE CONSTRUCTION SEQUENCE TO PREVENT WATER FROM UPSTREAM AREAS FROM FLOWING ACROSS EXPOSED SOIL.
20. INSTALL ADDITIONAL PROTECTION BERMS, SILT FENCE, CUTOFF DITCHES, ETC., AS REQUIRED BY SITE CONDITIONS TO PREVENT SEDIMENT FROM ENTERING WATER COURSES, DRAINAGE COURSES OR SEWERS.
21. REMOVE SILT ACCUMULATIONS AT SILT FENCES AND OTHER PROTECTION DEVICES BY CAREFUL HAND EXCAVATION. DISPOSE OF ACCUMULATED SILT BY REMOVING FROM SITE.
22. INSPECT EROSION AND SEDIMENT CONTROL MEASURES ON A REGULAR BASIS, DAILY AND MAINTAIN AS NECESSARY.

23. WHEN Dewatering of construction area is required, only clean water may be discharged directly to a drainage feature. Dewaterings of excavations shall be directed through settling, retention and filtering features as required. DO NOT dump or drain water containing suspended materials into waterways or sewers.
24. Dewatering in areas adjacent the harbor will require additional consideration. The rate of infiltration into deep excavations will be high and will require, but not be limited to, the provision of several large diameter pumps and staging earthworks to coincide with low tide levels.
25. CLEAN EXISTING ACCESS ROADS REGULARLY TO REMOVE ANY MUD THAT MAY BE TRACKED OFF SITE BY THE CONSTRUCTION EQUIPMENT.
26. MINIMIZE THE DISTURBANCE TO EXISTING VEGETATION AND REINSTATE ALL DISTURBED REMAINING VEGETATION.
27. HAVE PERSONNEL ON CALL TO PROVIDE EMERGENCY REPAIRS TO EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES.
28. REFUELLING OF EQUIPMENT MUST TAKE PLACE WITHIN A CONTROLLED AREA AT LEAST 30' FROM ANY DRAINAGE DITCH, WATERWAY OR OTHER SENSITIVE RECEPTORS.
29. FOR PROTECTION / CONTAINMENT OF HYDROCARBON SPILLS INTO THE WATERWAY, HYDROPHOBIC BOOMS OR SOCKS SHOULD BE PLACED ON THE WATER WHEN EQUIPMENT IS OPERATING NEAR OR IN THE WATERWAY.
30. PREPARE AN EROSION AND SEDIMENTATION CONTROL PLAN IN ACCORDANCE WITH THE SPECIFICATIONS.

1. FOR LEGEND AND GENERAL NOTES, SEE DWG. C01
2. ABANDONMENT OF PIPES AND INFRASTRUCTURE CONNECTED TO HUDSON WAY MAINS, IS CONTINGENT ON COORDINATION OF WORK WITH SECOND ACCESS ROAD PROJECT (BY OTHERS) AND SHALL BE PHASED TO OCCUR AT THE END OF THE PROJECT. COORDINATION WITH AND WRITTEN AUTHORIZATION FROM THE DEPARTMENTAL REPRESENTATIVE IS REQUIRED TO PROCEED FOR THESE WORK ITEMS.
3. ABANDONED PIPE TO BE FILLED WITH GROUT.
4. COORDINATE SERVICE REPLACEMENT WITH ADJACENT WORK FOR BUOY MAINTENANCE WAREHOUSE BUILDING PROJECT.
5. RESTRICTED ACCESS:
  - a. MURRAY BREEZEWAY TO MAIN COURTYARD ACCESS LIMITATIONS:  
VERT. 3.0 m APPROX.  
HORIZ. 3.5 m APPROX.
  - b. POLARIS BREEZEWAY - OHV DOORS TO LOWER COURTYARD ACCESS LIMITATIONS:  
VERT. 3.2 m APPROX.  
HORIZ. 3.2 m APPROX.



C01	ISSUED FOR TENDER	date	JUL 24 2017
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PWGSC Project Manager		Administrateur de projets TPSCD	
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