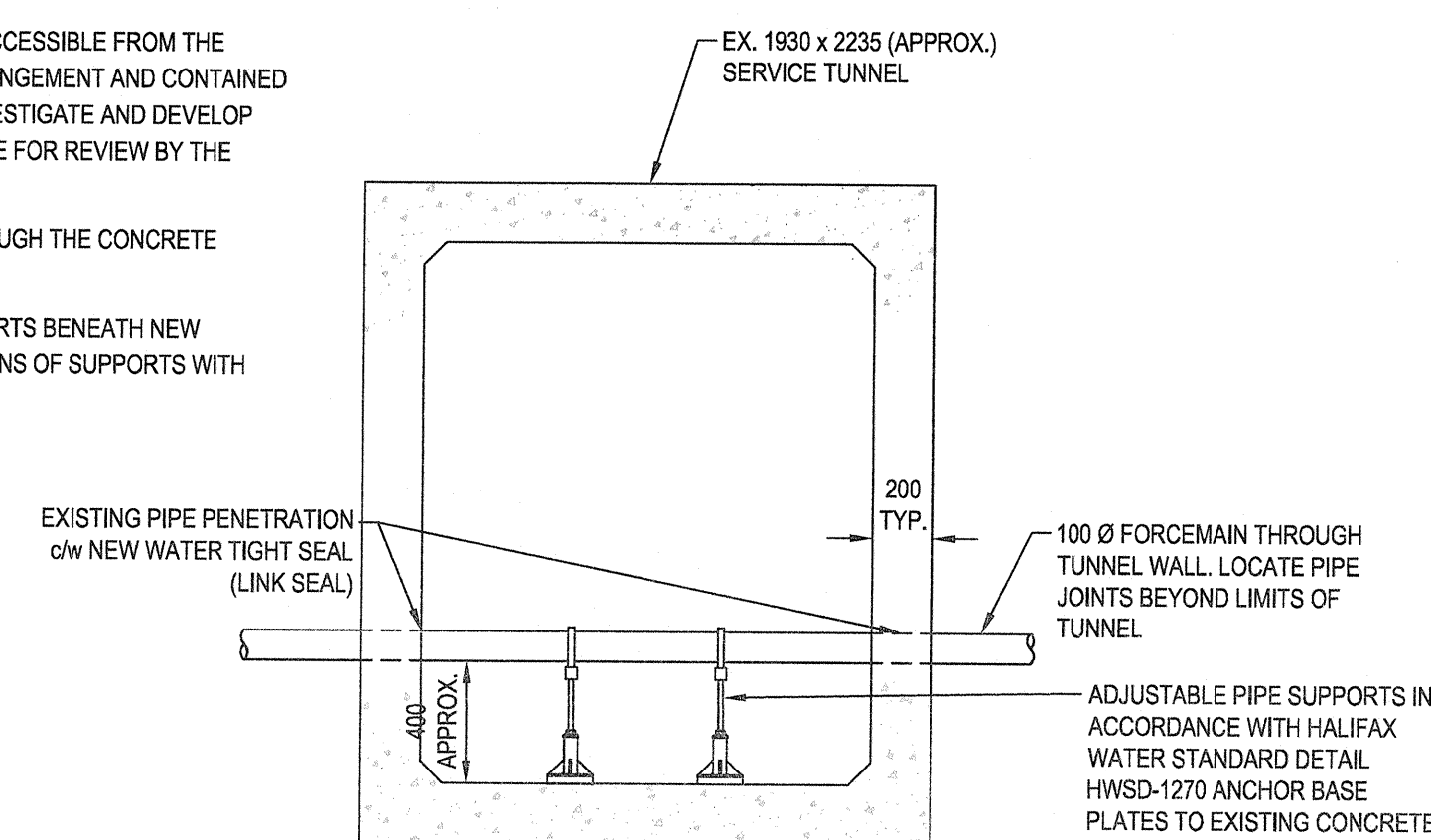


NOTES:

- INTERIOR OF THE CONCRETE SERVICE TUNNEL IS ACCESSIBLE FROM THE VULCAN BUILDING. DETAILS OF THE INTERIOR ARRANGEMENT AND CONTAINED UTILITIES ARE UNKNOWN. CONTRACTOR SHALL INVESTIGATE AND DEVELOP APPROPRIATE CONFINED SPACE ENTRY PROCEDURE FOR REVIEW BY THE DEPARTMENTAL REPRESENTATIVE.
- EXACT PROFILE OF THE EXISTING FORCEMAIN THROUGH THE CONCRETE SERVICE TUNNEL IS UNKNOWN.
- INSTALL MINIMUM OF TWO ADJUSTABLE PIPE SUPPORTS BENEATH NEW FORCEMAIN WITHIN TUNNEL. COORDINATE LOCATIONS OF SUPPORTS WITH OTHER INTERNAL UTILITIES.

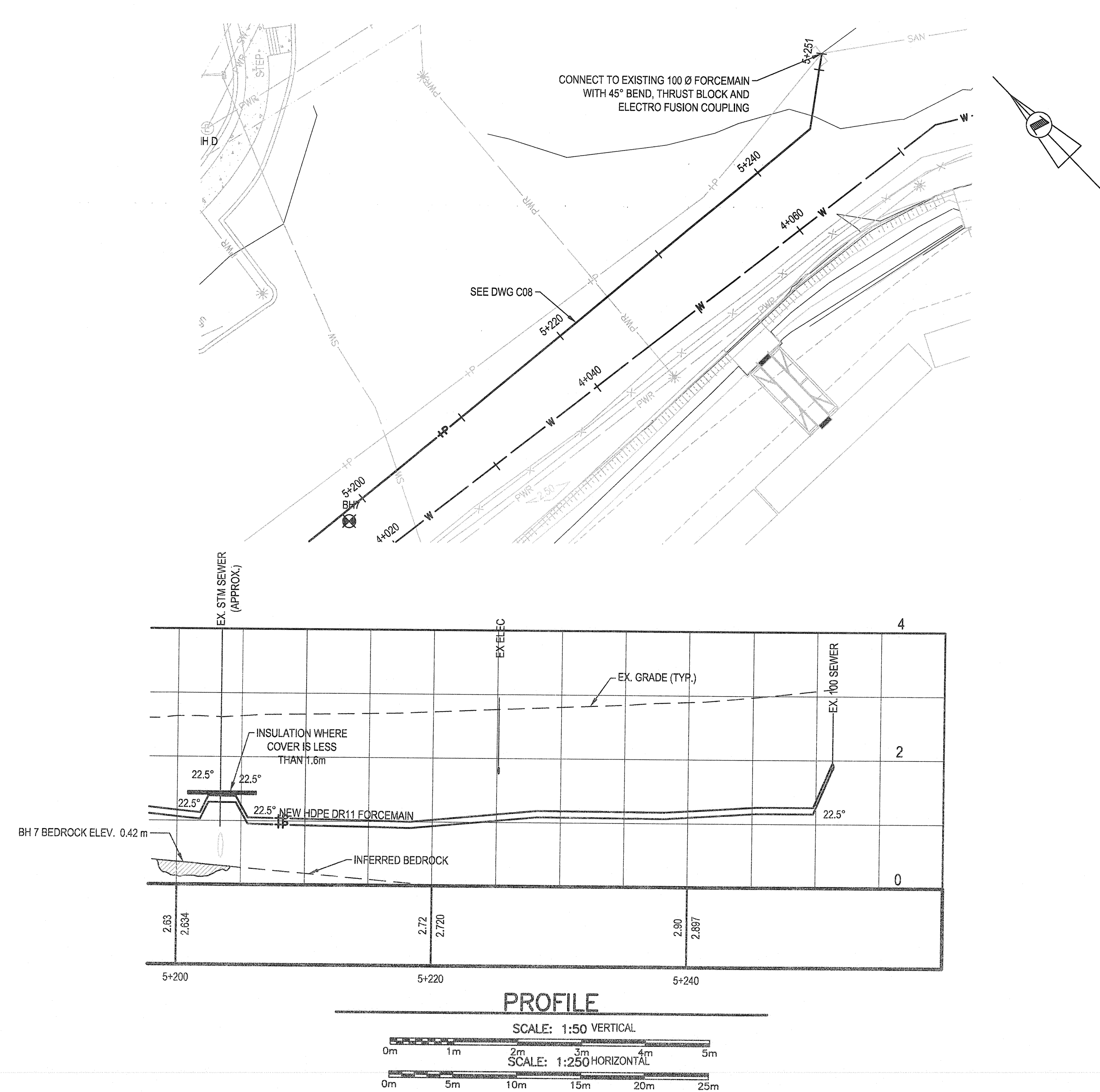


SERVICE TUNNEL CROSSING

SCALE : 1:25
0mm 500mm 1000mm 1500mm 2000mm 2500mm

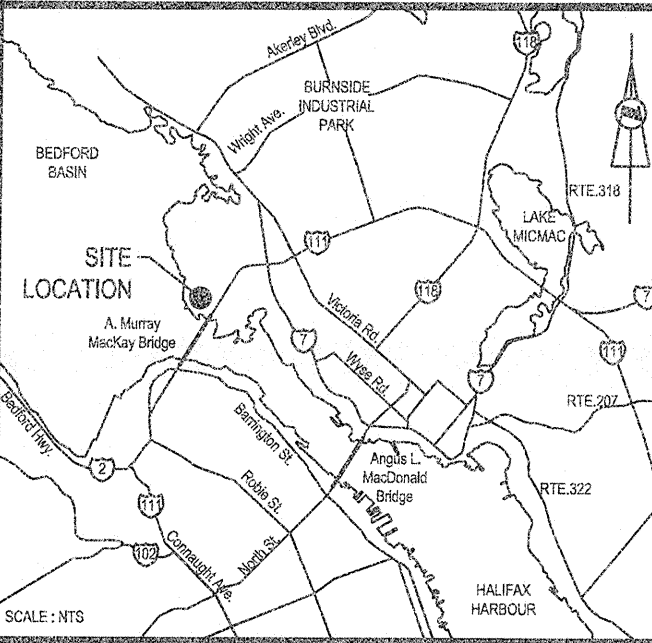
NOTES:

- FOR LEGEND AND GENERAL NOTES SEE DWG C01.
- ACCESS TO, AND CONSTRUCTION IN, THE AREA OF THE JETTY ADJACENT THE SOUTH-EASTERN AND SOUTHERN FACES OF THE VULCAN BUILDING, WILL BE RESTRICTED FOR A PERIOD FROM APPROXIMATELY SEPTEMBER 13 TO 24, 2017. EXACT DATES TO BE CONFIRMED WITH DEPARTMENTAL REPRESENTATIVE. WORK ON THE SANITARY FORCE MAIN IN THIS AREA MUST BE EITHER COMPLETE OR NOT YET STARTED PRIOR TO THE PERIOD OF RESTRICTED ACCESS.
- SERVICES LABELED APPROX. WERE OBTAINED FROM RECORD PLANS, BUT NOT LOCATED DURING SITE SURVEYS. DEPTHS ARE ASSUMED CONTRACTOR TO EXPOSE AND SURVEY ALL EXISTING SERVICES INDICATED AS APPROXIMATE ALONG PROPOSED SERVICE ALIGNMENT PRIOR TO CONSTRUCTION IN THAT AREA. PROVIDE SURVEY ELEVATIONS TO DEPARTMENTAL REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ALLOW FOR CONFIRMATION OF DESIGN PROFILE.
- BYPASS SECTION OF EXISTING FORCEMAIN TO BE REPLACED USING LIVE TAPS, LINE LOCKS/STOPS AND TEMPORARY FORCEMAIN PIPING ROUTED AT FINISHED GRADE. ROUTE AND PROTECT BYPASS PIPING TO SUIT ONGOING WHARF OPERATIONS. CONTRACTOR SHALL PROVIDE TEMPORARY SERVICE METHODOLOGY TO DEPARTMENTAL REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WORK.
- COMPLETE TRENCHING AND PIPE INSTALLATION IN AREA OF JETTY ACCESS GATE AND ADJACENT GUARD HUT OUTSIDE REGULAR BID OPERATIONS HOURS DURING EVENINGS AND WEEKENDS. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE.
- PROVIDE CONTINUOUS ACCESS FOR CRANES TO WHARF DURING TRENCHING AND PIPE INSTALLATION WORK BY WAY OF 10 M WIDE TRAVEL PATH THROUGH THE AREA INDICATED AT ALL TIMES. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE.



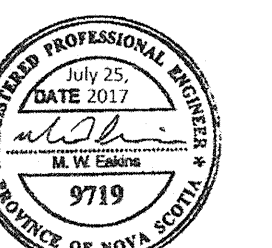
PROFILE

SCALE: 1:50 VERTICAL
SCALE: 1:250 HORIZONTAL
0m 1m 2m 3m 4m 5m
0m 5m 10m 15m 20m 25m



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Halifax, Nova Scotia, Canada

Member of the SNC-LAVALIN Group



C01	ISSUED FOR TENDER	24 JUL 2017
revisions		date
project		project

BEDFORD INSTITUTE OF OCEANOGRAPHY WATER UPGRADES DARTMOUTH, NOVA SCOTIA

drawing design

JETTY FORCEMAIN PLAN AND PROFILE

designed STAFF conçu

date

drawn STAFF dessiné

date

approved approuvé

date

Tender Soumission

PKWSS Project Manager Administrateur de projets TPSSC

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C09