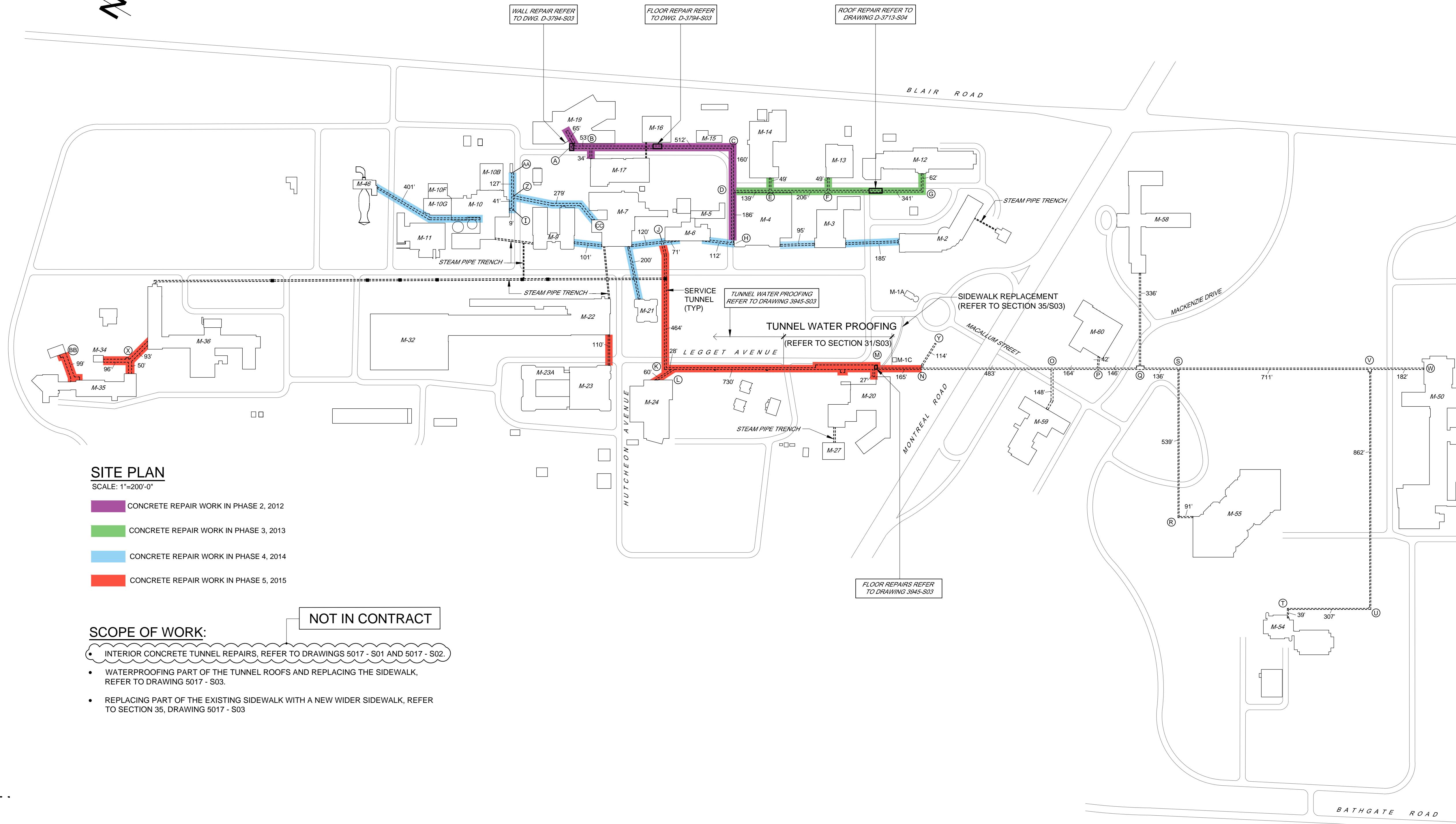


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 tel: (613) 723-7765 fax: (613) 723-0095



SITE PLAN

SCALE: 1"=200'-0"

- CONCRETE REPAIR WORK IN PHASE 2, 2012
- CONCRETE REPAIR WORK IN PHASE 3, 2013
- CONCRETE REPAIR WORK IN PHASE 4, 2014
- CONCRETE REPAIR WORK IN PHASE 5, 2015

SCOPE OF WORK:

NOT IN CONTRACT

- INTERIOR CONCRETE TUNNEL REPAIRS, REFER TO DRAWINGS 5017 - S01 AND 5017 - S02.
- WATERPROOFING PART OF THE TUNNEL ROOFS AND REPLACING THE SIDEWALK, REFER TO DRAWING 5017 - S03.
- REPLACING PART OF THE EXISTING SIDEWALK WITH A NEW WIDER SIDEWALK, REFER TO SECTION 35, DRAWING 5017 - S03

No.	Date	Revision	By:	Par:
2	JUNE 1/15	ISSUED FOR TENDER		R.L.
1	MAY 19/15	ISSUED FOR CONCRETE REPAIRS		R.L.
0	MARCH 31/15	PRELIMINARY		R.L.

- Verify all dimensions and site conditions and be responsible for same.
- Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité.

A	A Detail no. No. du détail	A
C	B Location drawing no. sur dessin no.	B
	C Drawing no. dessin no.	C

project **SERVICE TUNNELS WATERPROOFING AND CONCRETE REPAIRS PHASE 5** project
 MONTREAL ROAD CAMPUS

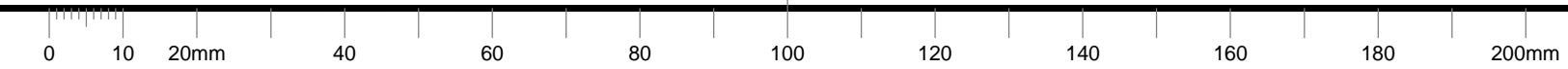
SERVICE TUNNEL LOCATIONS

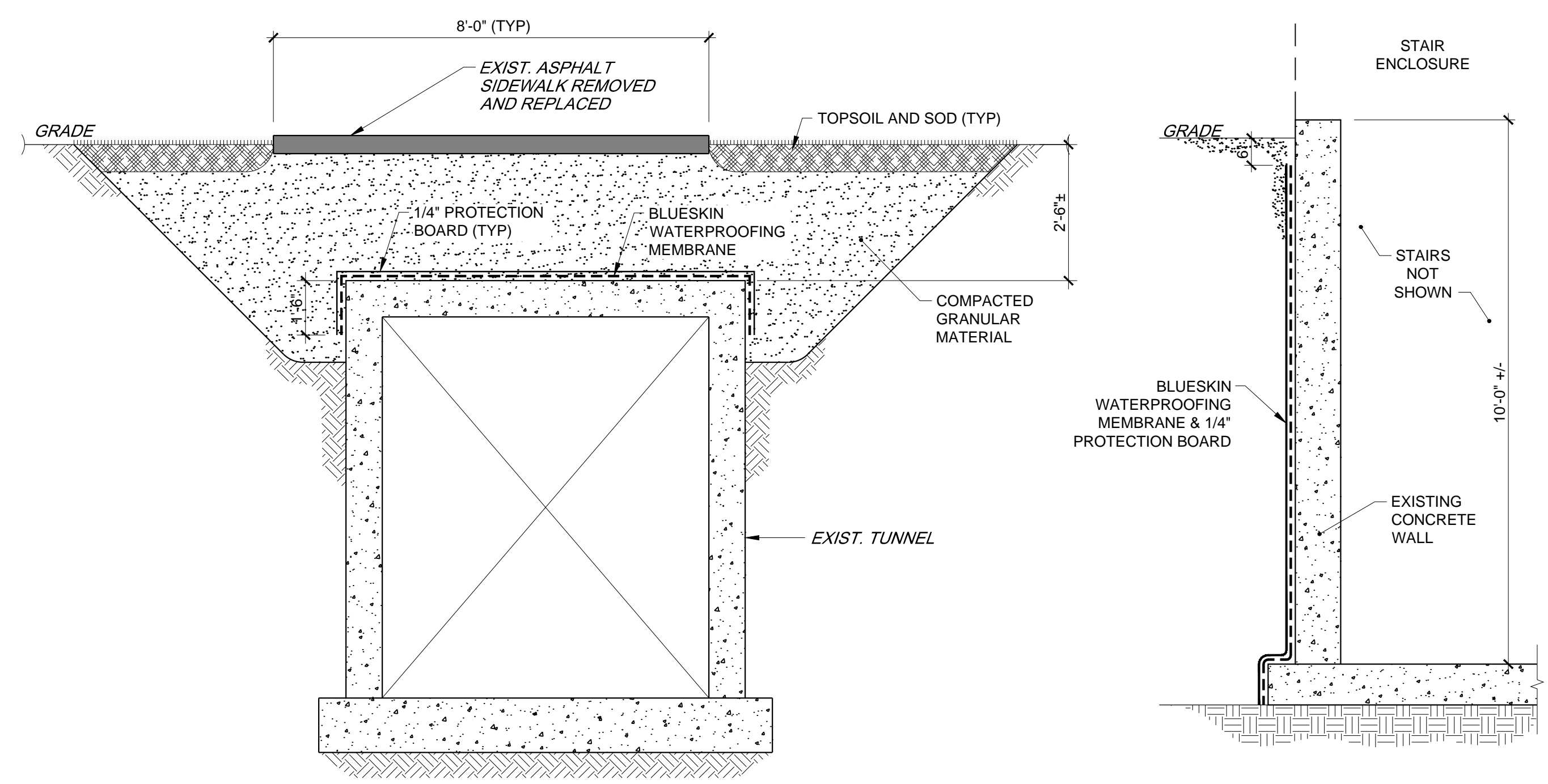
designed	R.L.	conçu	date	MARCH, 2015	date
drawn	M.P.	dessiné	scale	AS SHOWN	échelle
checked	R.L.	vérifié	sheet	S01	of/de
approved		approuvé	W.O.no.		D.T.no.
dwg.no.	5017 - S01				dessin no.

NOTE: THE TENDER DRAWINGS CONSIST OF DRAWING 5017 - S01 AND 5017 - S03 ONLY

PRINT THIS DRAWING IN COLOUR

LEA 15030



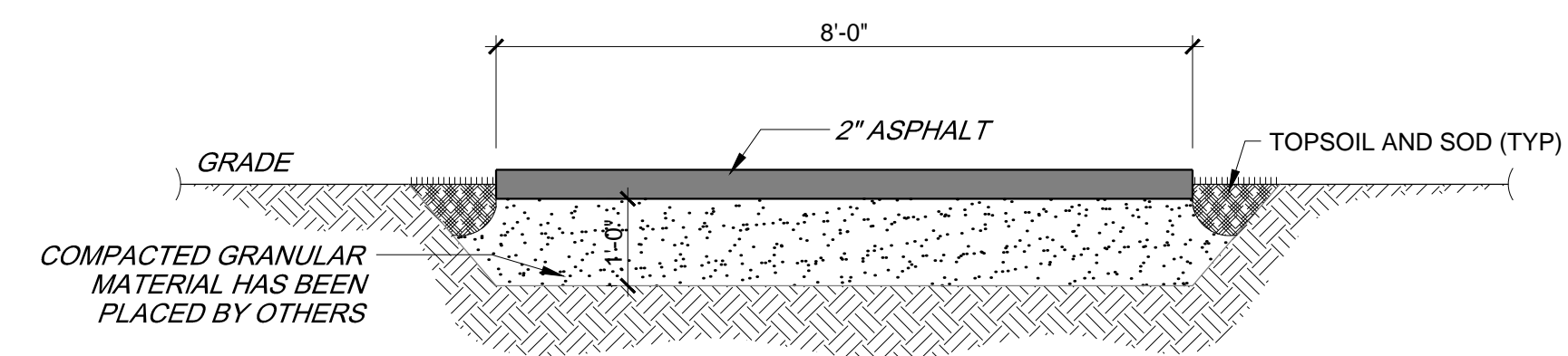


31 SECTION - TUNNEL WATERPROOFING (AS SHOWN ON THE SITE PLAN)
 SCALE: 1/2"=1'-0"

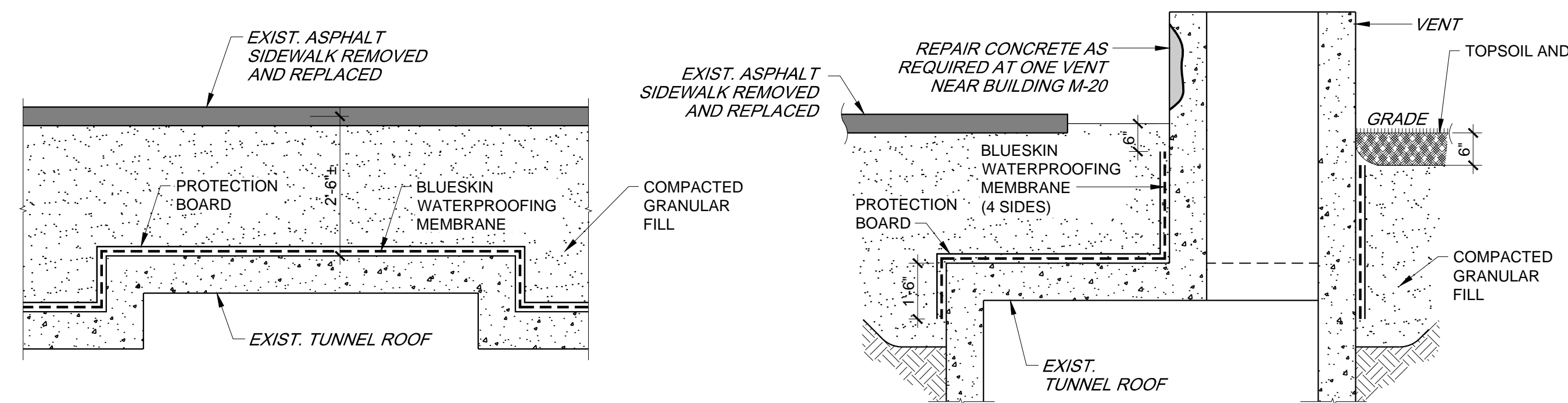
- GENERAL NOTES:**
- DO LOCATES TO CHECK FOR SERVICES BEFORE THE START OF EXCAVATION.
 - WHEN APPLYING THE MEMBRANE TO THE TUNNEL BELOW THE ROADWAY, THE CONTRACTOR SHALL MINIMIZE THE TIME THE ROADWAY IS CLOSED.
 - PROVIDE ADEQUATE TEMPORARY SIGNAGE DURING ANY ROAD CLOSURE.
 - TO PREVENT ACCESS BY THE PUBLIC, PROVIDE TEMPORARY FENCING AROUND ALL EXCAVATIONS.
 - WHERE AN EXISTING 6" WATER MAIN CROSSES OVER THE TUNNEL, PROVIDE TEMPORARY SUPPORT AND REINSTATE MINIMUM 4" THICK POLYSTYRENE INSULATION AROUND WATER MAIN.
 - WHERE EXISTING GRASS IS DISTURBED BY THE CONSTRUCTION PLACE 6" OF TOP SOIL AND SOD AND WATER DAILY FOR A MINIMUM PERIOD OF 2 WEEKS.
- EXCAVATION AND BACKFILL:**
- REMOVE EXISTING ASPHALT SIDEWALKS AND EXCAVATE TO DEPTHS SHOWN ON THIS DRAWING.
 - EXCAVATED MATERIAL MAY BE REUSED FOR BACKFILL, IF IT IS SUITABLE. DISPOSE OF UNSUITABLE MATERIAL OFF SITE.
 - BACKFILL SHALL BE GRADED, GRANULAR MATERIAL, PLACED IN 12" THICK LAYERS, AND COMPACTED TO 98% PROCTOR DRY DENSITY.

- MEMBRANE INSTALLATION:**
- CLEAN THE CONCRETE SURFACE BY PRESSURE WASHING.
 - NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE MEMBRANE INSTALLATION.
 - INSTALL THE MEMBRANE AND PROTECTION BOARD IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- SIDEWALKS:**
- 2" SP 12.5 (PG 58 - 34) TRAFFIC LEVEL B.
 - 6" GRANULAR A TO OPSS SPECIFICATIONS.
- ROADWAY:**
- 1-1/2" SP 12.5 (PG 58 - 34)
 - 2" SP 19 (58 - 34) TRAFFIC LEVEL B
 - 6" GRANULAR A TO OPSS SPECIFICATIONS
 - 12" GRANULAR B, TYPE 11, SUB-BASE TO OPSS SPECIFICATIONS
 - REPLACE CONCRETE CURBS.

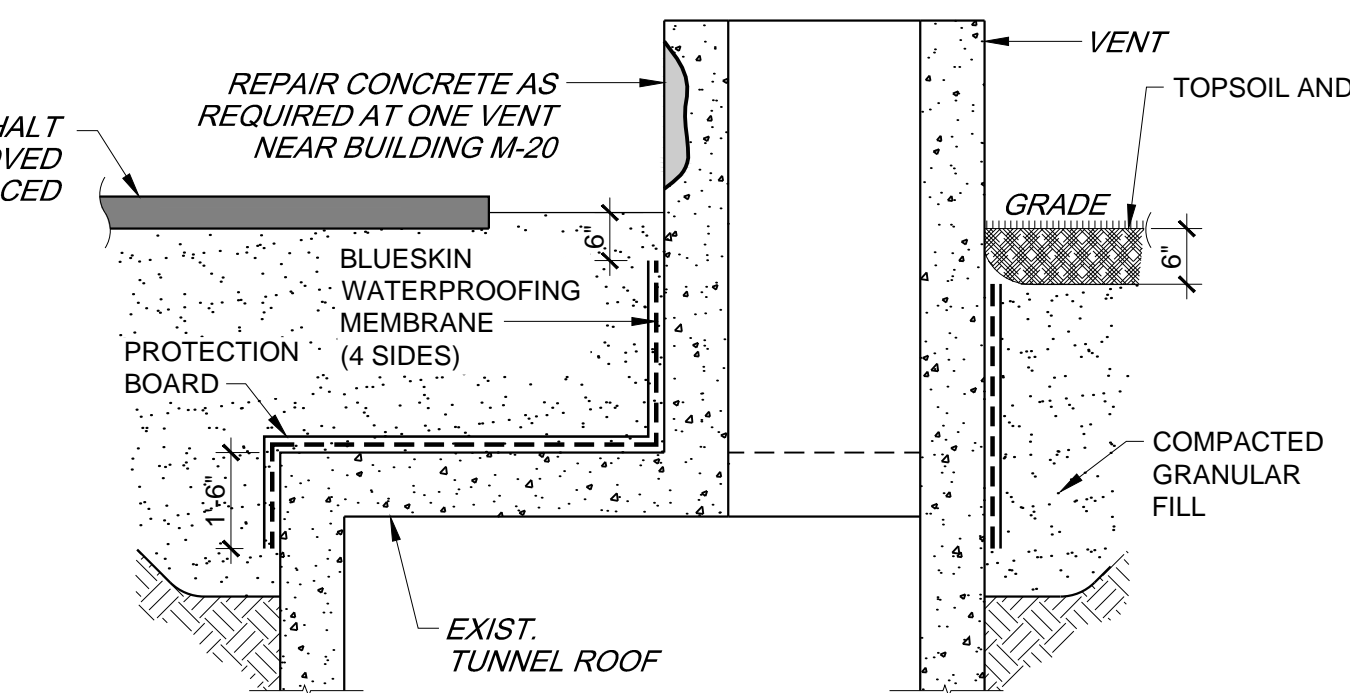
- CONTRACTORS SUBMISSIONS:**
- THE CONTRACTOR SHALL SUBMIT TECHNICAL LITERATURE FOR THE MEMBRANE AND PROTECTION BOARD



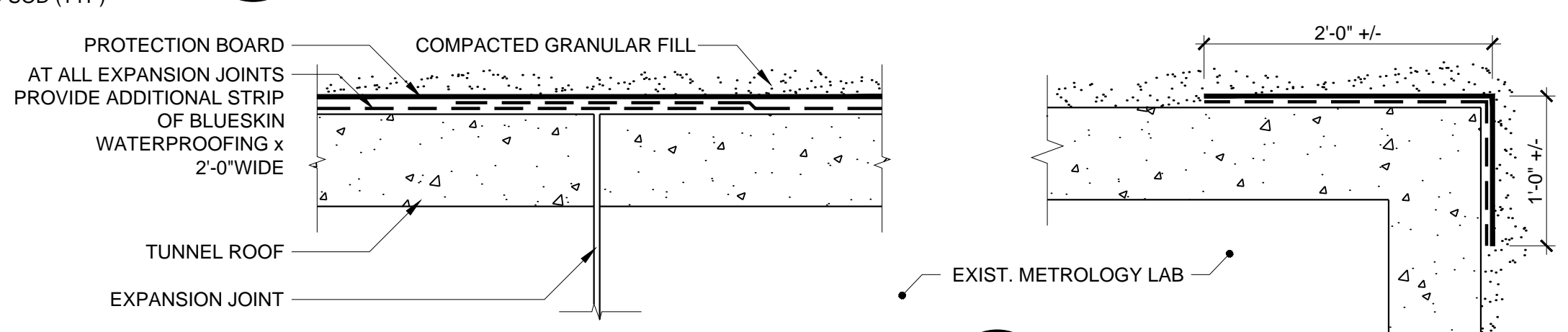
32 SECTION (TOTAL LENGTH 50 FEET)
 SCALE: 1/2"=1'-0"



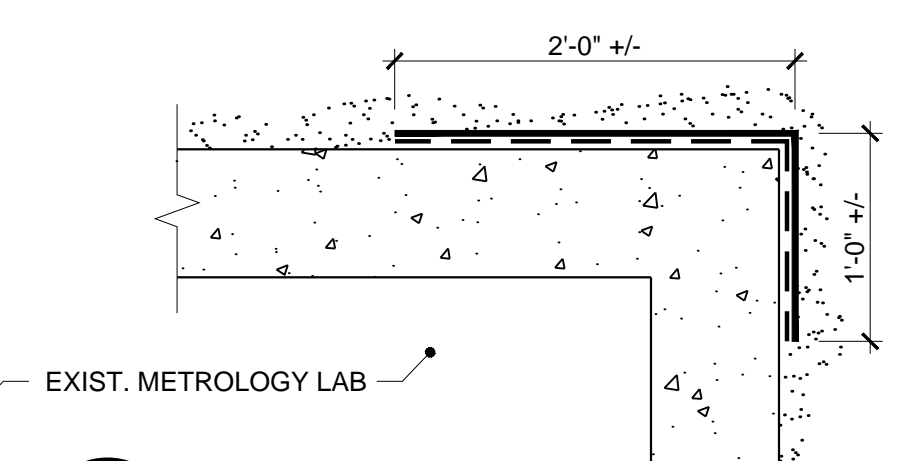
33 SECTION
 SCALE: 1/2"=1'-0"



34 SECTION (TYPICAL AT 8 LOCATIONS)
 SCALE: 1/2"=1'-0"

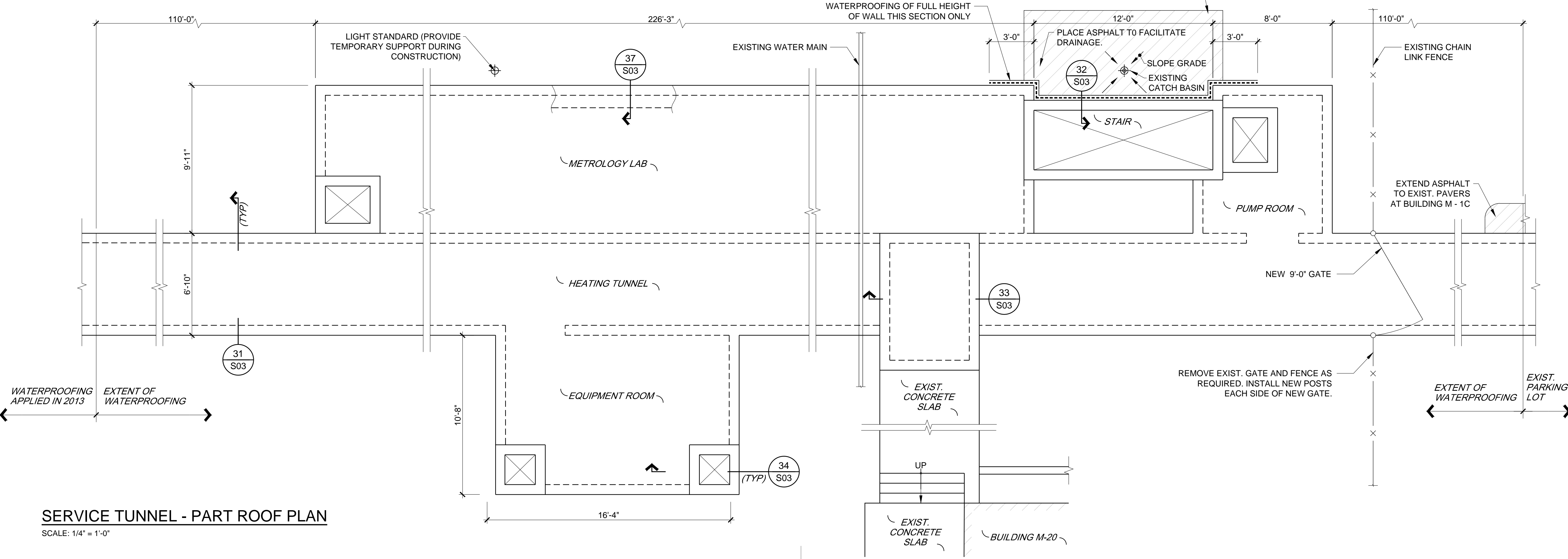


35 SECTION (TYPICAL DETAIL AT EXPANSION JOINT)
 SCALE: 1"=1'-0"



36 SECTION (EXIST. CONDITION)
 SCALE: 1"=1'-0"

- REMOVE EXIST. PROTECTION BOARD
- PLACE NEW MEMBRANE OVER EXISTING MEMBRANE
- CONFIRM COMPATIBILITY OF NEW AND OLD MEMBRANE



SERVICE TUNNEL - PART ROOF PLAN
 SCALE: 1/4"=1'-0"

No.	Date	Revision	By:	Par:
1	JUNE 1/15	ISSUED FOR TENDER	R.L.	
0	MARCH 31/15	PRELIMINARY	R.L.	

Verify all dimensions and site conditions and be responsible for same.
 Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité.

A	A Detail no. / No. du détail	A
B	B Location drawing no. / sur dessin no.	B
C	C Drawing no. / dessin no.	C

project **SERVICE TUNNELS WATERPROOFING AND CONCRETE REPAIRS PHASE 5 MONTREAL ROAD CAMPUS** project

WATERPROOFING PLAN AND DETAILS

designed	R.L.	conçu	date	MARCH, 2015	date
drawn	M.P.	dessiné	scale	AS SHOWN	échelle
checked	R.L.	vérifié	sheet	S03	of/de
approved		approuvé	W.O.no.		D.T.no.
dwg.no.	5017 - S03				dessin no.