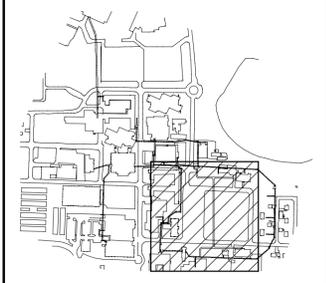


TENDER
NOT FOR CONSTRUCTION



Key Plan



E	Issued For Tender	2019/09/30
D	Issued For 99% Review	2019/06/21
C	Issued For 85% Review	2019/03/19
B	Not Issued	-
A	Not Issued	-
Revision	Description	Date

Client

Public Works and Government Services Canada

Project Title

Tunnel Revitalization

Designed by
RG. MacRoberts

Drawn by
T. Harwood / N. Harrison

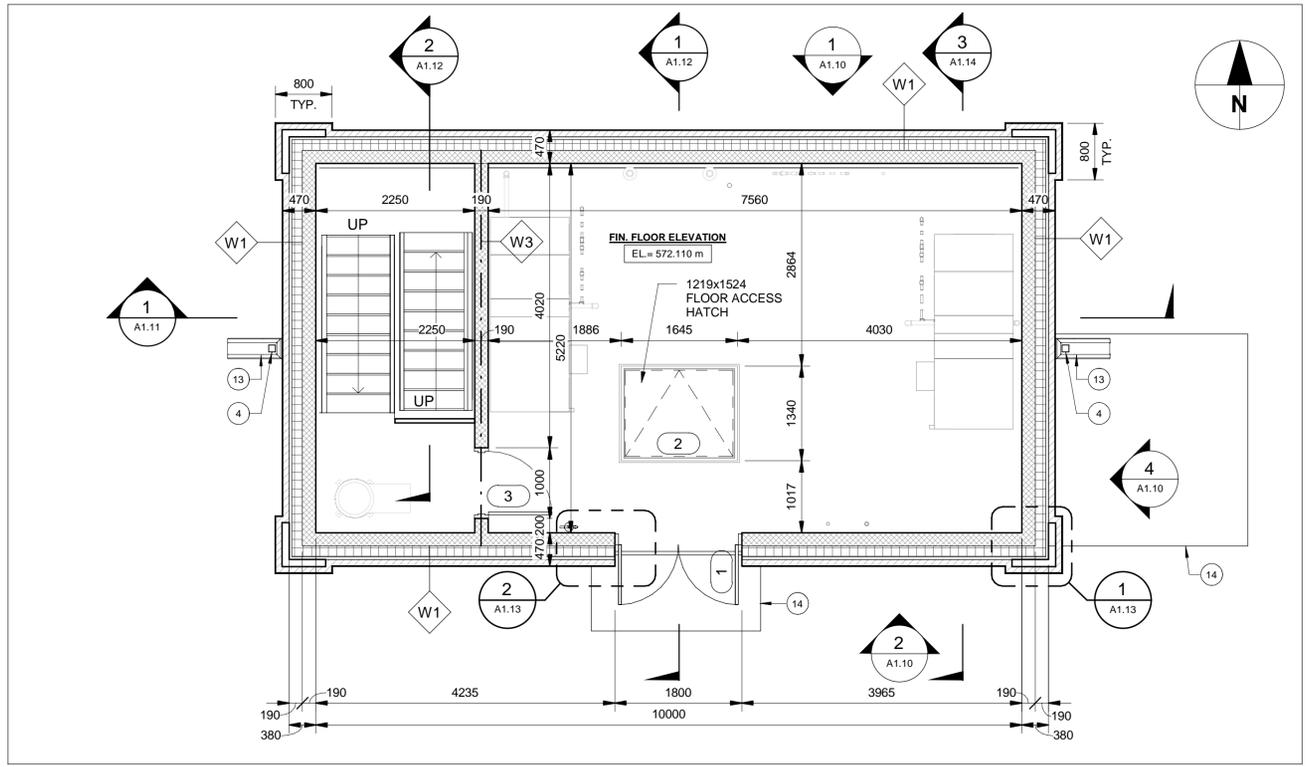
Approved by
I. Hayes

RWSSC Project Manager
J. Dayman

Drawing Title

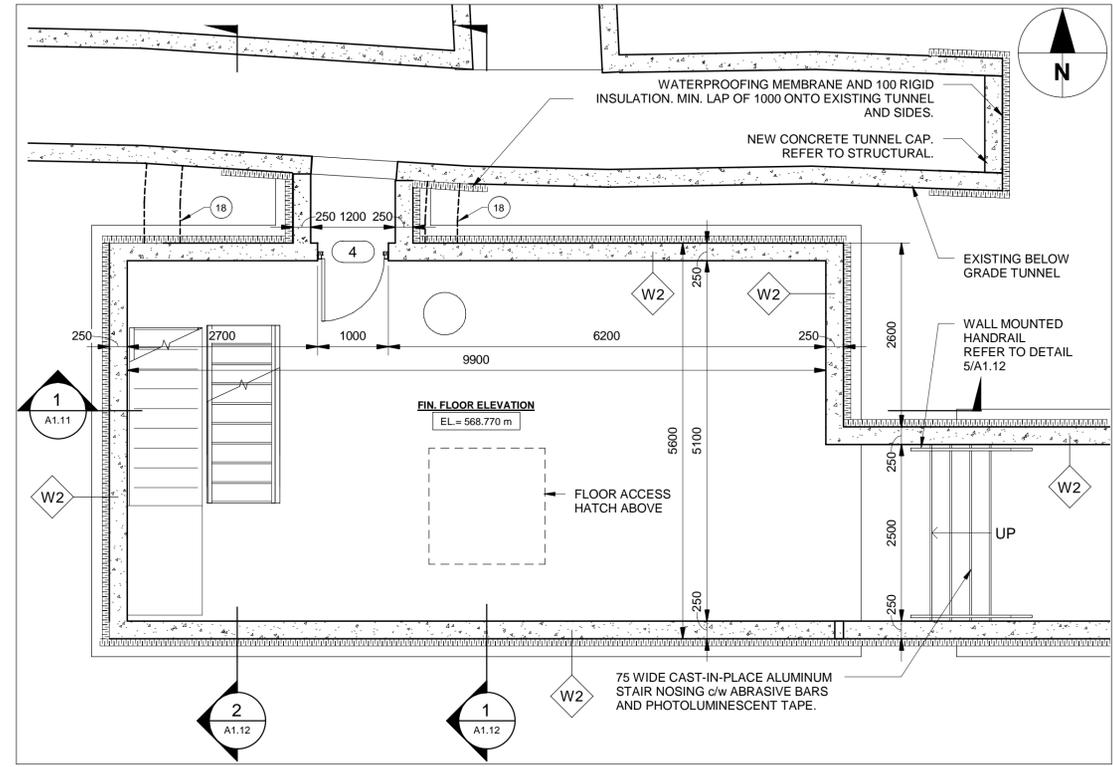
Package 1 - TBU43 - Above Ground
Architectural - Exit & Supply Air @
TBU43+000 - Plan

Project no.	Drawing no.	Revision no.
1004259	A1.09	E



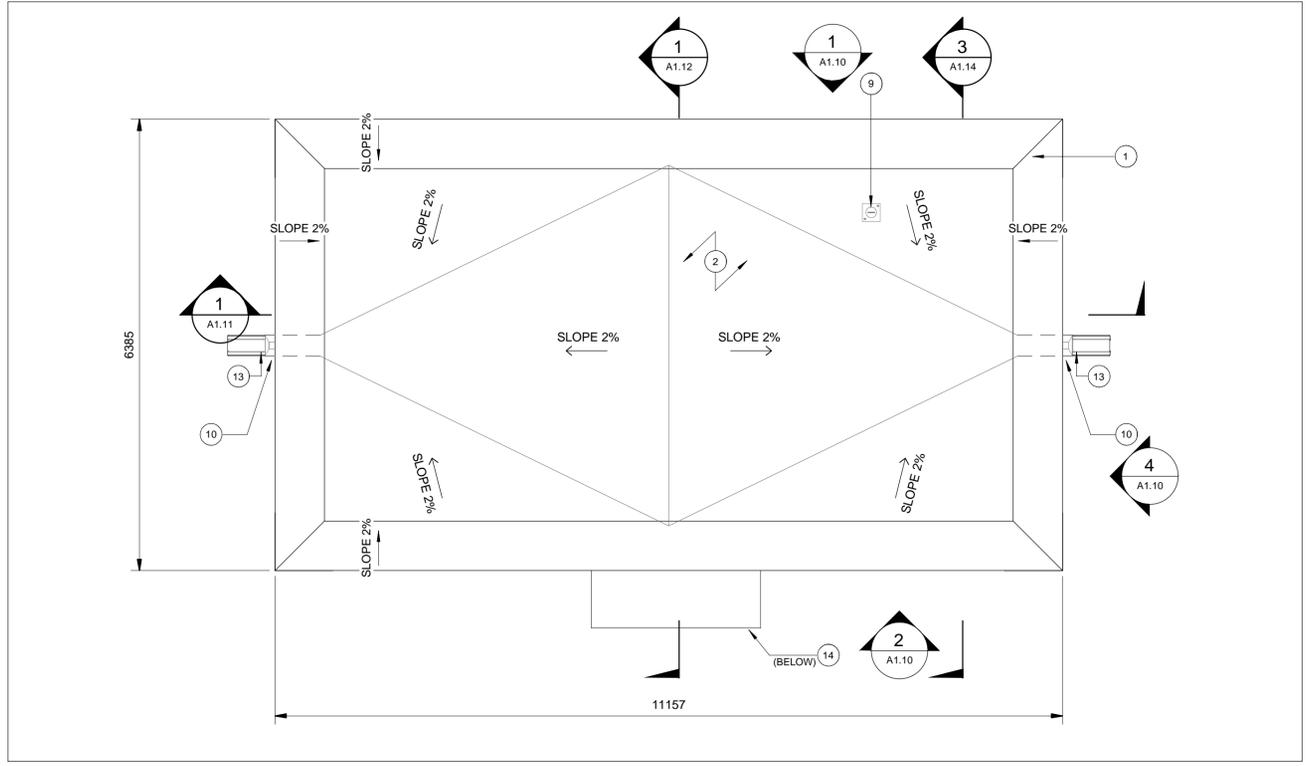
1 TBU43+000-MAIN FLOOR PLAN

A1.10 Scale: 1 : 50



2 TBU43+000-BASEMENT PLAN

A1.10 Scale: 1 : 50



3 TBU43+000-ROOF PLAN

A1.10 Scale: 1 : 50

ABBREVIATIONS			
&	AND	DWG	DRAWING
@	AT	EJ	EXPANSION JOINT
ADJ	ADJUSTIBLE	EL	ELEVATION
AL	ALUMINUM	EQ	EQUAL
C or CONC	CONCRETE	EXT	EXTERIOR
C/W	COMPLETE WITH	G1S	GOOD ONE SIDE
CB	CONCRETE BLOCK	HM	HOLLOW METAL
CC	CONCRETE CURB	MAX	MAXIMUM
CJ	CONTROL JOINT	MIN	MINIMUM
CL	CENTRE LINE	NIC	NOT IN CONTRACT
CMU	CONCRETE UNIT MASONRY	NTS	NOT TO SCALE
DIA	DIAMETER	OC	ON CENTRE
		OD	OUTSIDE DIAMETER
		OH	OVERHEAD
		PLY	PLYWOOD
		PRE	PREFINISHED
		PT	PRESSURE TREATED
		SS	STAINLESS STEEL
		STL	STEEL
		TYP	TYPICAL
		U/S	UNDERSIDE
		VB	VAPOUR BARRIER

- GENERAL NOTES:**
- UNITS ARE IN MILLIMETERS (mm) UNLESS NOTED OTHERWISE
 - DRAWINGS ARE NOT TO BE SCALED FOR SIZE OR DIMENSIONS
 - PROVIDE BLOCKING, STRAPPING, NAILING STRIPS, WOOD FRAMING AS INDICATED ON DRAWINGS OR AS REQUIRED.

- KEYNOTES:**
- LIMESTONE COPING
 - STANDING SEAM METAL ROOFING
 - PREFINISHED ALUMINUM EAVESTROUGH
 - PREFINISHED ALUMINUM DOWNSPOUT
 - FACE BRICK
 - SMOOTH FACE LIMESTONE MASONRY ACCENT / BANDING STRIP
 - MECHANICAL LOUVRE WITH SECURITY BARS. REFER TO MECHANICAL.
 - PREFINISHED METAL FASCIA
 - FALL ARREST ROOF ANCHOR
 - PREFINISHED METAL THROUGH WALL SCUPPER
 - GALVANIZED STEEL ANGLE LINTEL
 - INSULATED METAL DOOR. REFER TO DOOR SCHEDULE.
 - RAIN WATER LEADER SPLASH PAD
 - CONCRETE PAD, REFER TO STRUCTURAL DRAWINGS.
 - SOLDIER BASE COURSE 2 COURSES
 - LIMESTONE ACCENT COURSE 1 COURSE
 - PREFINISHED FLASHING OVER EXTERIOR GRADE PLYWOOD
 - DUCTWORK WITH PT PLYWOOD SURROUND. SEE MECHANICAL. SPRAY WITH WATERPROOF MEMBRANE. ALL SIDES AND LAP IN ONTO EXISTING TUNNEL. COVER WITH PROTECTION BOARD. FILL GAP BETWEEN DUCT AND FOUNDATION WALL WITH SPRAY FOAM INSULATION AND CAULK ON THE INTERIOR.

FINISH SCHEDULE

BUILDING No.:	FLOOR:	BASE:	WALLS:	CEILING:
TBU43-000 MAIN FLOOR	EPOXY	COVED	PAINT	PAINT
TBU43-000 BASEMENT	EPOXY	COVED	PAINT	PAINT

- WALL ASSEMBLY SCHEDULE**
- W1 - EXTERIOR WALL**
- 90 FACE BRICK VENEER
 - 40 AIR SPACE
 - 150 RIGID INSULATION (RSI = 5.28)
 - AIR BARRIER MEMBRANE
 - 190 CONCRETE MASONRY UNITS
- W2 - EXTERIOR FOUNDATION WALL**
- 100 RIGID INSULATION (RSI = 3.52)
 - WATERPROOFING MEMBRANE
 - CONCRETE FOUNDATION WALL (REFER TO STRUCTURAL)
- W3 - INTERIOR WALL**
- 130 CMU, NORMAL WEIGHT, HOLLOW CORE
 - 5% SOLID (CCMPA DATA SHEETS, SIZE CODE 20)
 - EQ THICKNESS = 106mm
 - 1.0HR FIRE RATED

- ROOF ASSEMBLY SCHEDULE**
- R1 - EPDM ROOF ASSEMBLY**
- EPDM ROOFING MEMBRANE
 - 13 PROTECTION BOARD
 - SLOPING RIGID INSULATION
 - MINIMUM 200 AT HIGH POINTS (RSI = 7.04)
 - MINIMUM 175 AT LOW POINTS (RSI = 6.16)
 - AIR/VAPOUR BARRIER MEMBRANE
 - 13 EXTERIOR GRADE GYPSUM BOARD
 - 38 METAL DECKING
- R2 - METAL ROOF ASSEMBLY**
- STANDING SEAM METAL ROOFING
 - UNDERLAYMENT / EAVE PROTECTION
 - 13 PROTECTION BOARD
 - 200 RIGID INSULATION (RSI = 7.04)
 - AIR/VAPOUR BARRIER MEMBRANE
 - 13 EXTERIOR GRADE GYPSUM BOARD
 - 38 METAL DECKING

- FLOOR ASSEMBLY SCHEDULE**
- F1 - CONCRETE SLAB**
- REINFORCED CONCRETE FLOOR (REFER TO STRUCTURAL)
- F2 - CONCRETE SLAB**
- REINFORCED CONCRETE FLOOR (REFER TO STRUCTURAL)
 - 1.0HR FIRE RATED