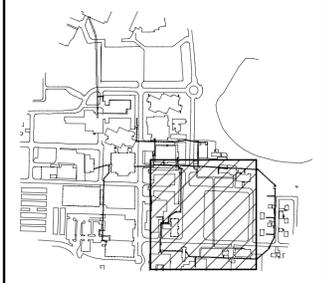


TENDER NOT FOR CONSTRUCTION



ASSOCIATION OF PROFESSIONAL ENGINEERS & GEOSCIENTISTS OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
AECOM Canada Ltd.
NUMBER C1667
PERMISSION TO CONSULT HELD BY:
DISCIPLINE: SASK. REG. NO. SIGNATURE
Structural 13579

Key Plan



Revision	Description	Date
E	Issued For Tender	19/09/30
D	Issued For 99% Review	19/06/21
C	Issued For 85% Review	19/03/15
B	Issued For 50% Review	18/11/13
A	Not Issued	-

Client

Public Works and Government Services Canada

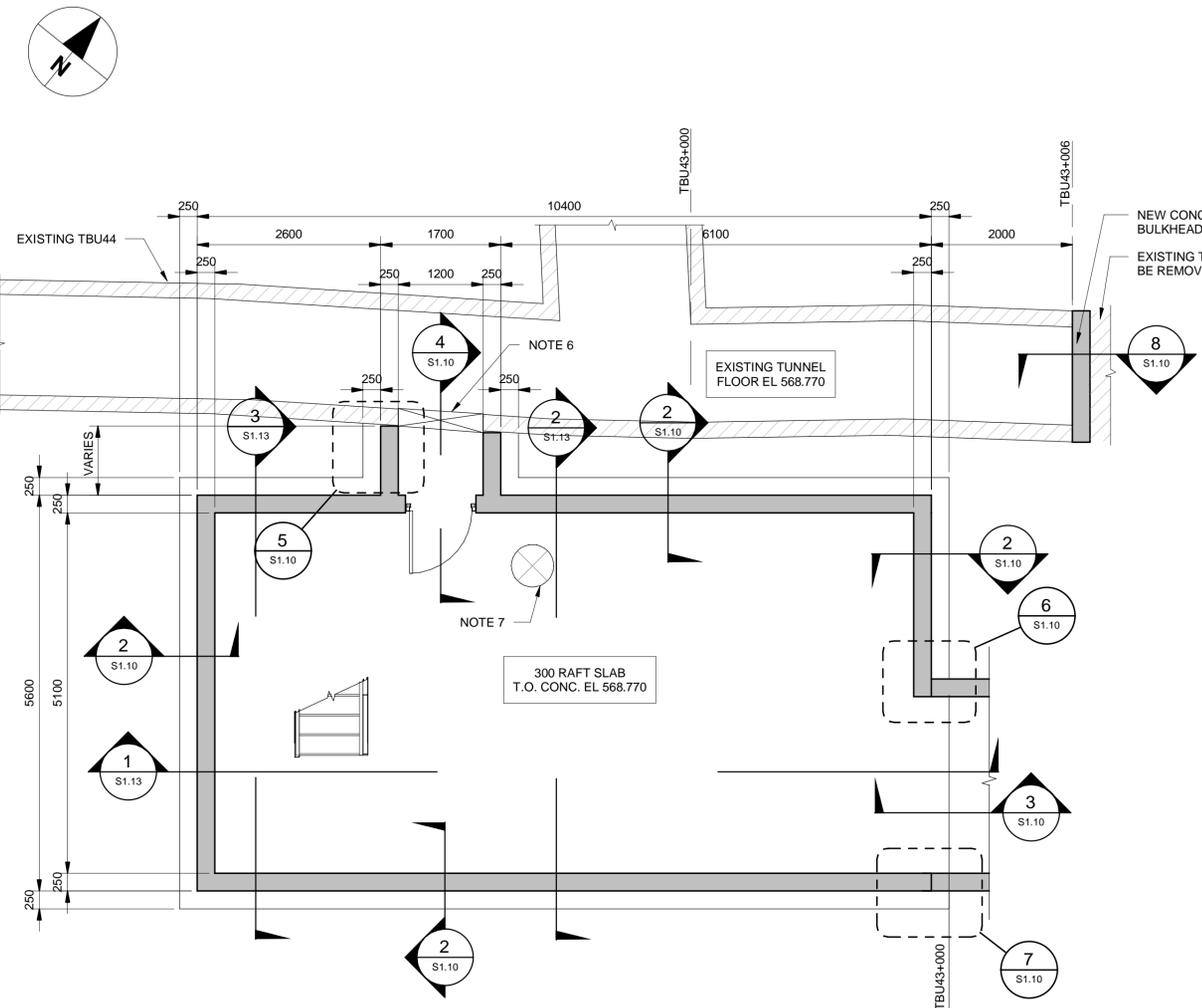
Project Title

Tunnel Revitalization

Designed by: C. Klemmer
Drawn by: O. Muaz
Approved by: B. Wolfater
PWGSC Project Manager: J. Dayman
Drawing Title

Package 1-TBU43 - Building Structural Plans And Details

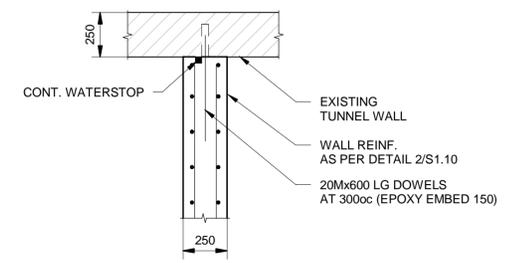
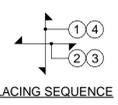
Project no.	Drawing no.	Revision no.
1004259	S1.10	E



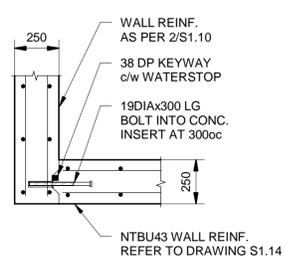
1 MAKE-UP AIR AT TBU43+000 - FOUNDATION PLAN
S1.01 Scale: 1 : 50

NOTES:

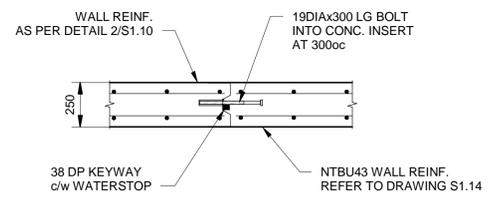
- REFER TO DRAWINGS S1.00 FOR STRUCTURAL NOTES
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION
- REFER TO TYPICAL DETAILS ON DRAWINGS S1.22
- CAST ALL WALLS MONOTONICALLY
- 300 RAFT SLAB REINFORCING**
15M AT 300 c.c. EW TOP
15M AT 300 c.c. EW BOTTOM
- NEW 1200Wx1880H OPENING CUT IN EXISTING TUNNEL WALL (NO OVERCUTTING PERMITTED)
- SUMP PIT. REFER TO DRAWING S1.22 FOR TYPICAL DETAIL



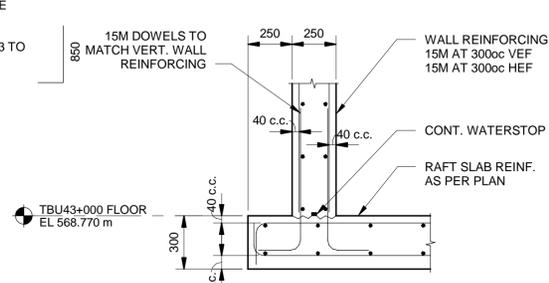
5 PLAN DETAIL
S1.10 Scale: 1 : 20



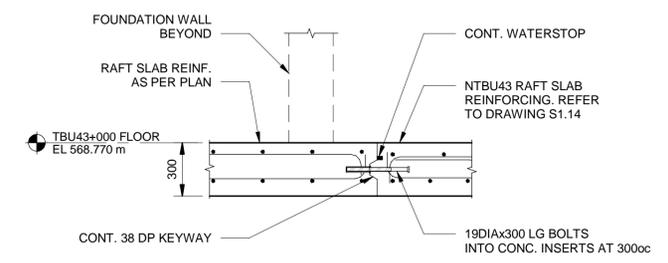
6 PLAN DETAIL
S1.10 Scale: 1 : 20



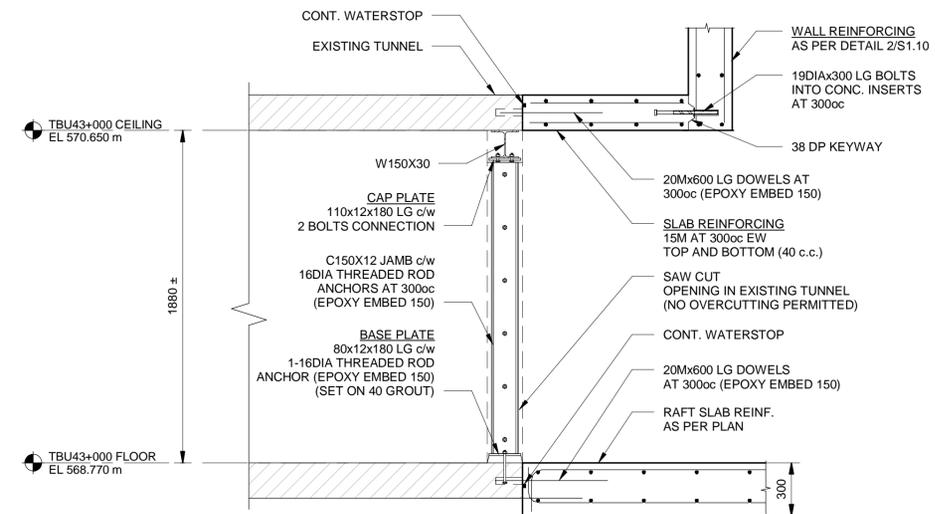
7 PLAN DETAIL
S1.10 Scale: 1 : 20



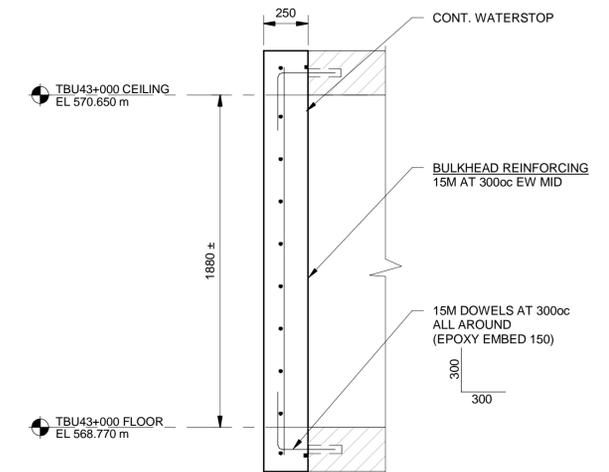
2 DETAIL
S1.10 Scale: 1 : 20



3 DETAIL
S1.10 Scale: 1 : 20



4 DETAIL
S1.10 Scale: 1 : 20



8 SECTION
S1.10 Scale: 1 : 20

