



NIAGARA-ON-THE-LAKE, ONTARIO.

PARKS CANADA

FORT MISSISSAUGA STABILIZATION PHASE II PCA Proj. No.: PR0000808



LIST OF DRAWINGS

00 COVER SHEET

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- D3 MAIN ENTRANCE GATE -SECTIONS & ELEVATIONS (EXCAVATION & REMOVALS)
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- S8 PLAN AND SECTIONS - SALLY PORT
- S9 OBSERVATION DECK

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ARCHITECTS**

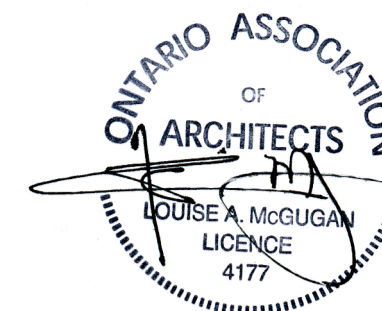
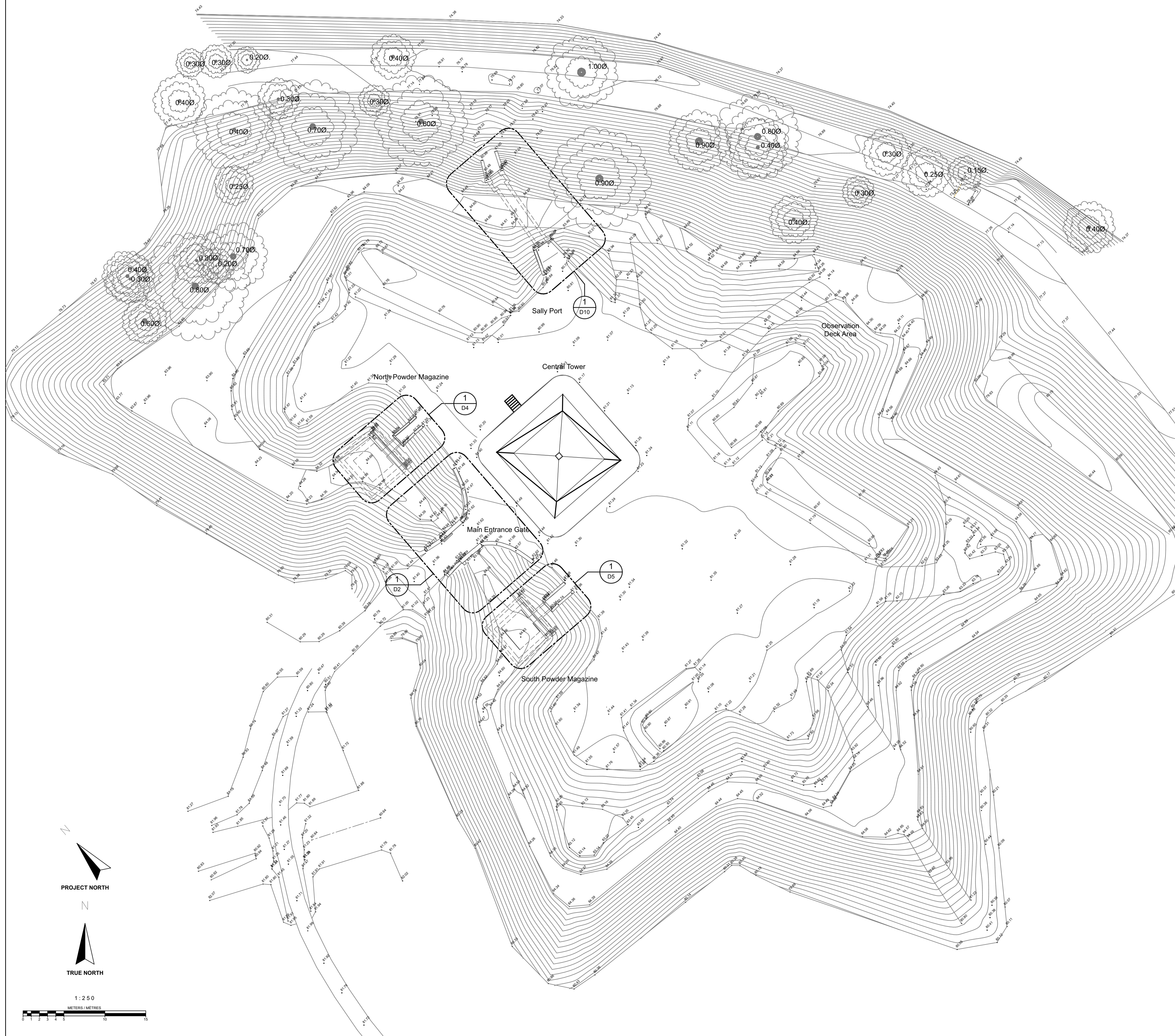
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CSW

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Site Planning
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Project Management

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Filename: \Volume\Mother\2 PROJECT FILES\ACTIVE\FORT MISSISSAUGAZ DRAWINGS\03 WORKING DRAWINGS\Site Plan WD.pln Plotted: 2016-05-12 9:39 AM



revision	issued / revisions	date
04	Issued for tender	2016/05/12
03	Issued for 99% review	2016.04.28
02	Issued for 66% review	2016.03.09
01	Issued for 33% review	2016.02.05

Do not scale drawings.
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A	A Detail number	A Numero de detail
B	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters
Dimensions lineaires en millimetres

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Signature _____ Date _____
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Type of Record /
Type d'enregistrement

Project title / Titre du projet
**FORT MISSISSAUGA
STABILIZATION
PHASE II**

Drawing title / Titre du dessin
**SITE PLAN (EXCAVATION &
REMOVALS)**

Scale / Echelle

1:250

Drawn by/ Dessine par
AC/ML Date
2016-05-12

Field Recording by /
Releve-Terminé par Date

Approved by / Approuve par Date

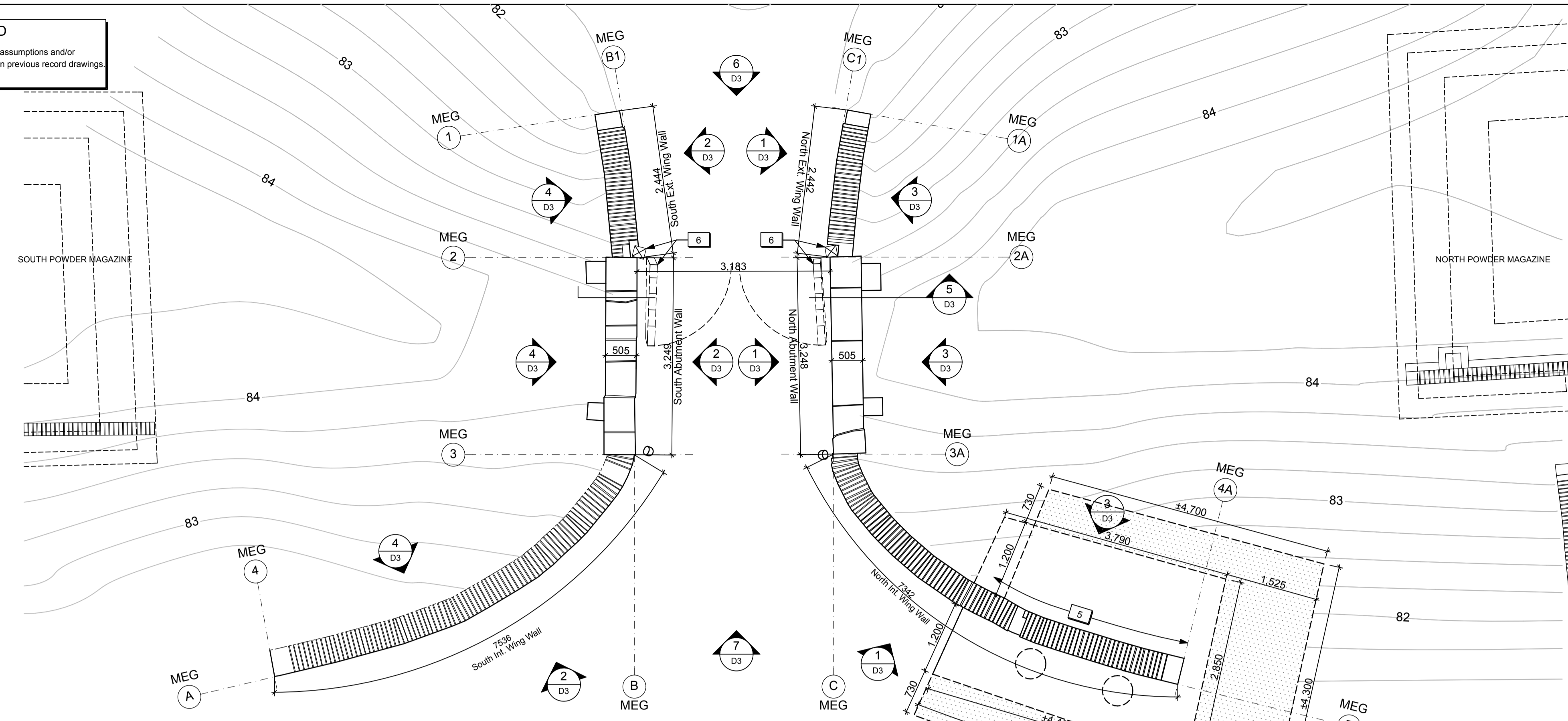
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Project No./ No. du projet
PRO 000808 Asset No. 1300164
1300182 Sheet No./
Feuille No.

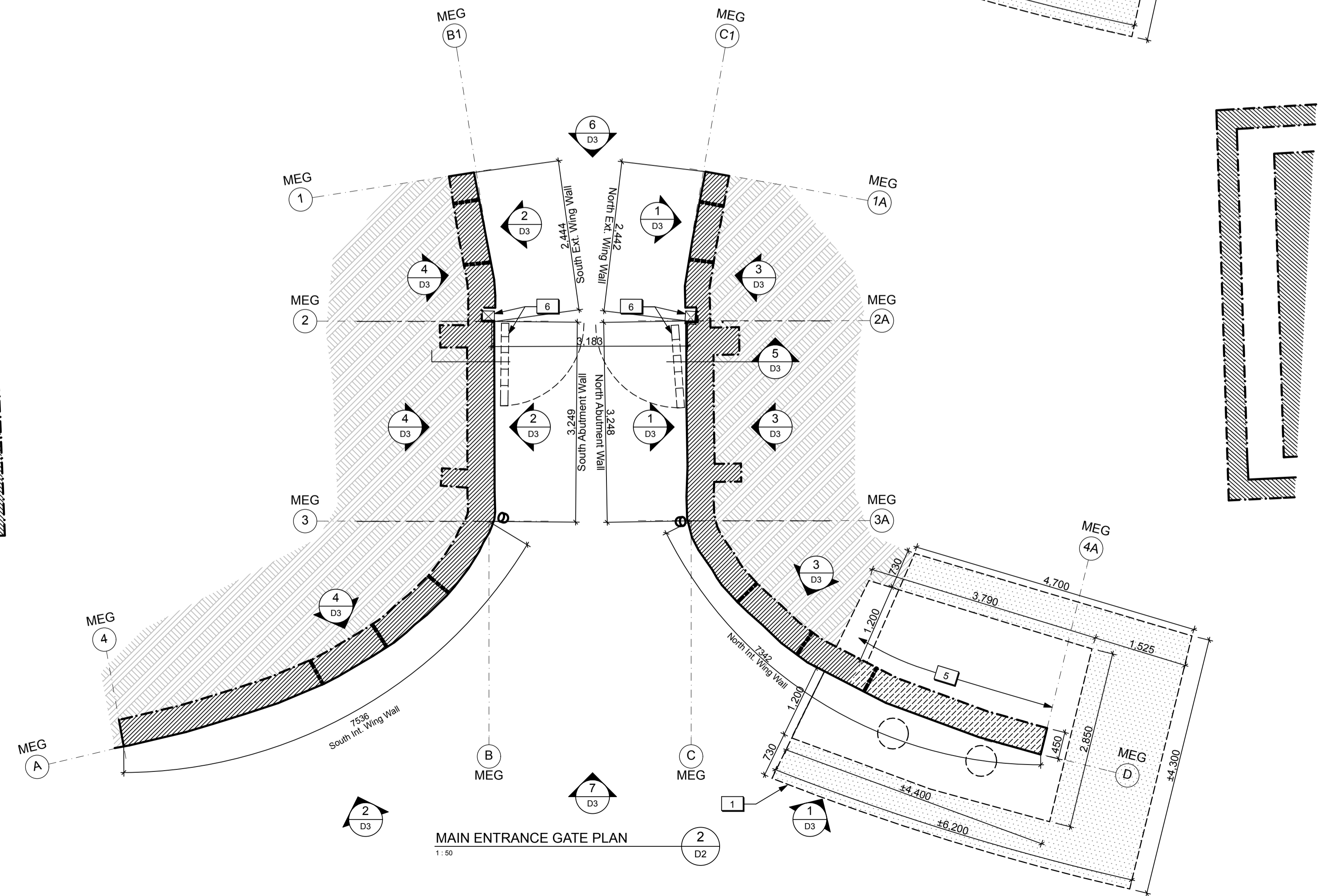
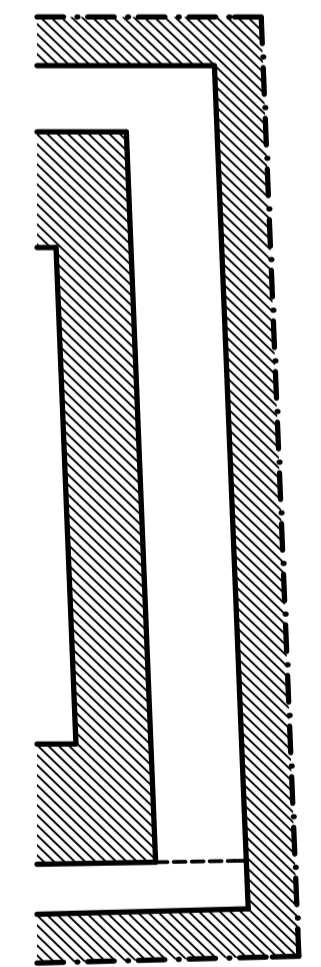
Drawing Reference No./No. du Dessin **D1**

Filename: \\Volumes\Mother\2 PROJECT FILES\ACTIVE\FORT MISSISSAUGA\DRAWINGS\03 WORKING DRAWINGS\Main Entrance Gate WD.pln Plotted: 2016-05-12 9:43 AM

LEGEND
 --- Linework indicating assumptions and/or information based on previous record drawings



MAIN ENTRANCE GATE PLAN - TOP VIEW
 1:50



MAIN ENTRANCE GATE PLAN
 1:50

- DRAWING NOTES (MAIN ENTRANCE GATE)**
- Existing turf and soil to be excavated to allow for dismantling and reconstruction of the end portion of the north interior wing wall.
 - (Reserved)
 - (Reserved)
 - (Reserved)
 - Existing end portion of north interior wing wall to be dismantled and existing masonry salvaged/stored for reconstruction.
 - Existing wood gates and posts to be removed.
 - Existing historic plaque to be removed by Parks Canada.



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FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

MAIN ENTRANCE GATE PLANS (EXCAVATIONS & REMOVALS)

Scale / Echelle
 1:50

Drawn by / Dessine par
 AC/ML Date 2016-05-12

Field Recording by / Releve-Terminé par
 Date

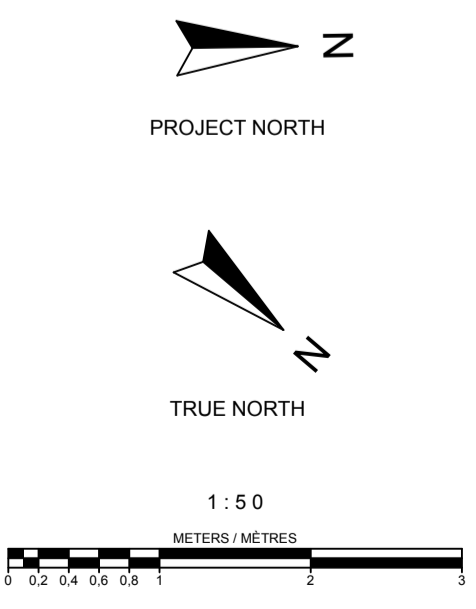
Approved by / Approuve par
 Date

Checked by / Verifie par

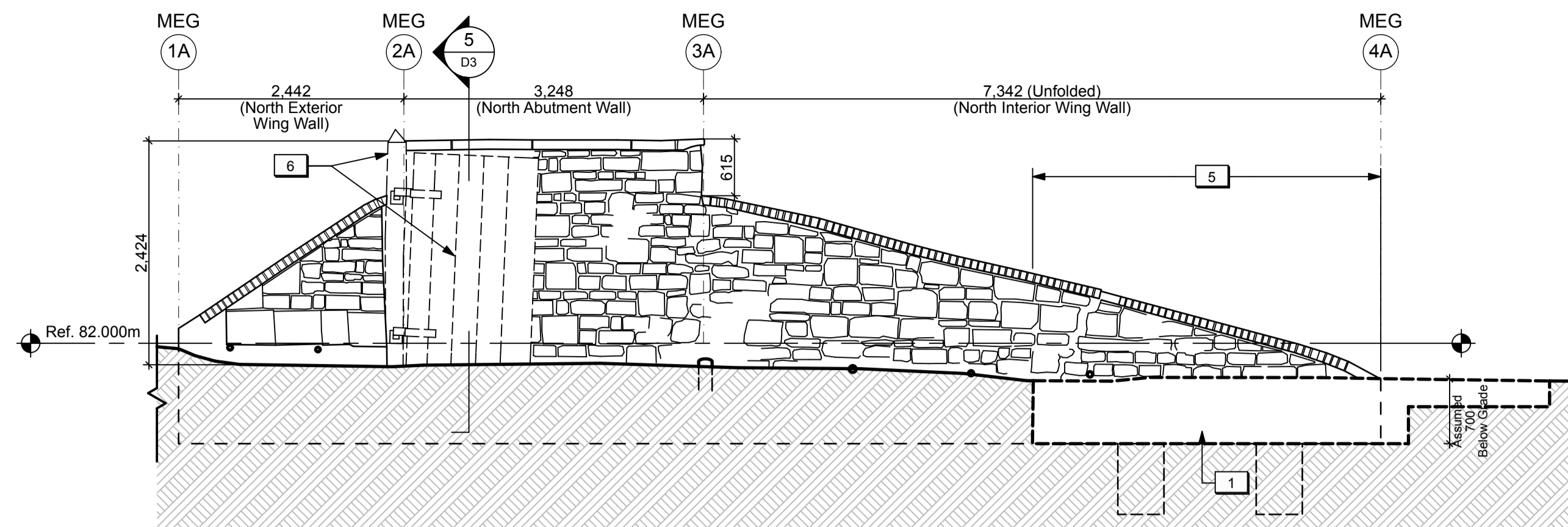
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Drawing Reference No./No. du Dessin

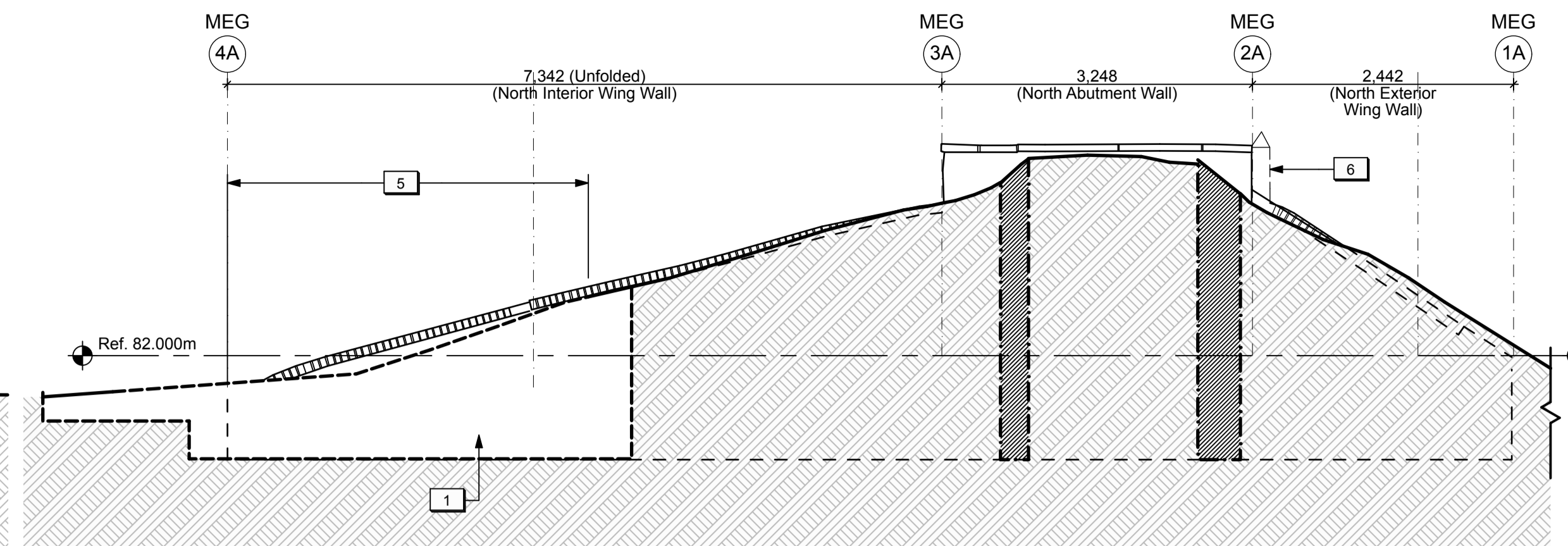
- LEGEND (MAIN ENTRANCE GATE):**
- Existing sub-grade to remain.
 - Shallow excavation unit.
 - Deep excavation unit. Provide temporary shoring as required.
 - Existing masonry structure to remain.
 - Existing stone wall to be dismantled.



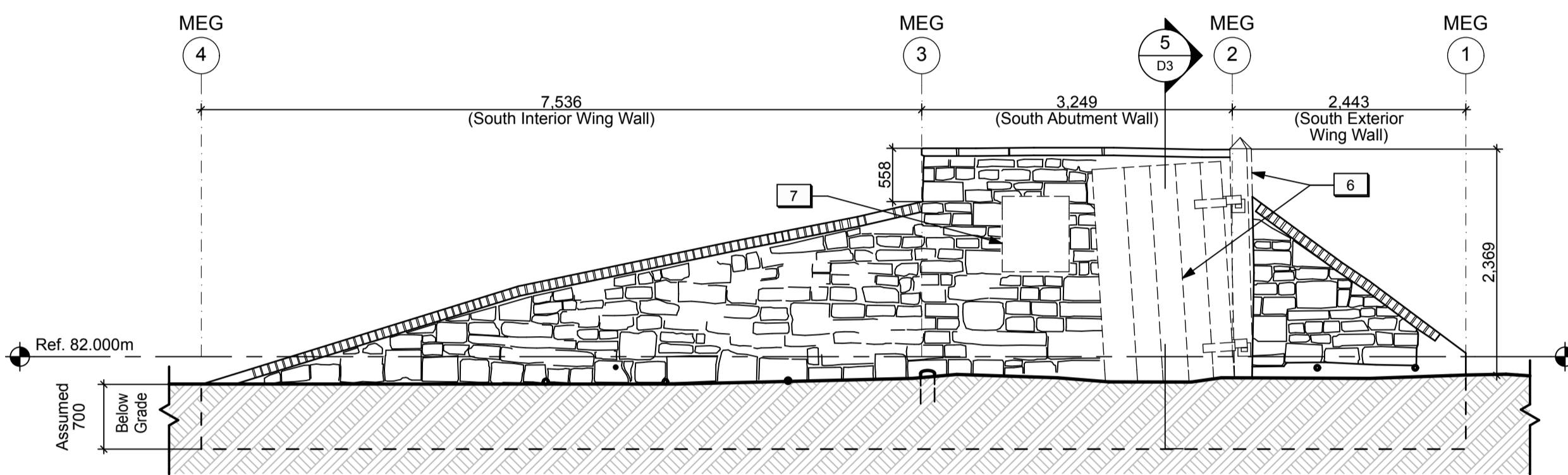
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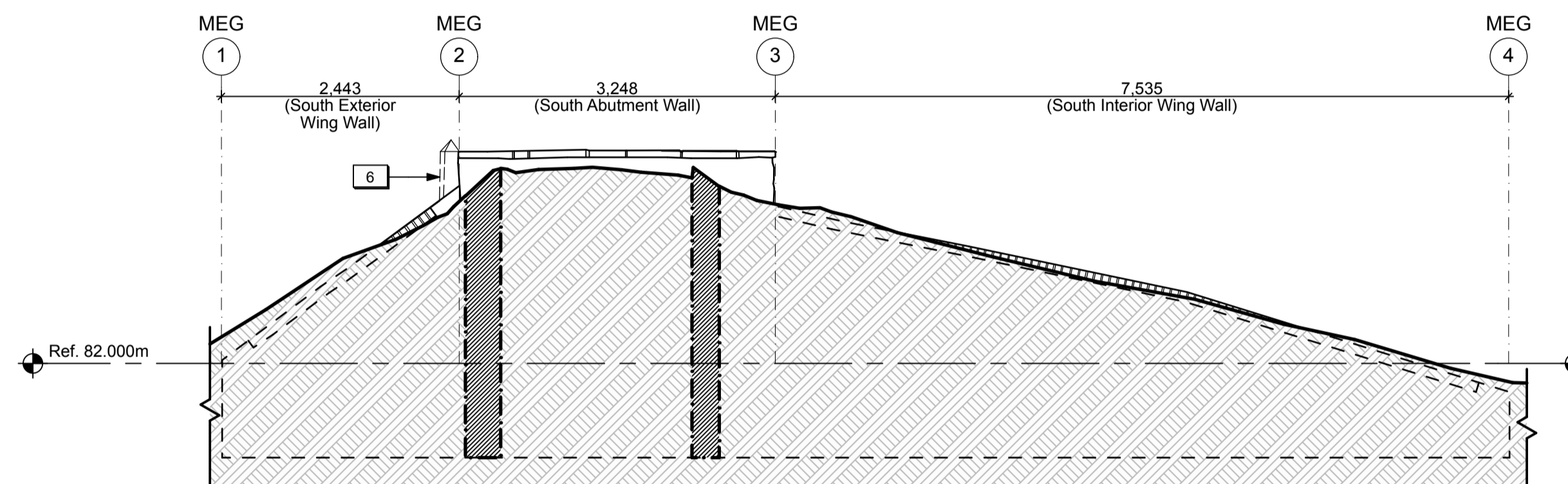
NORTH WALL - UNFOLDED ELEVATION (1) D3
1:50



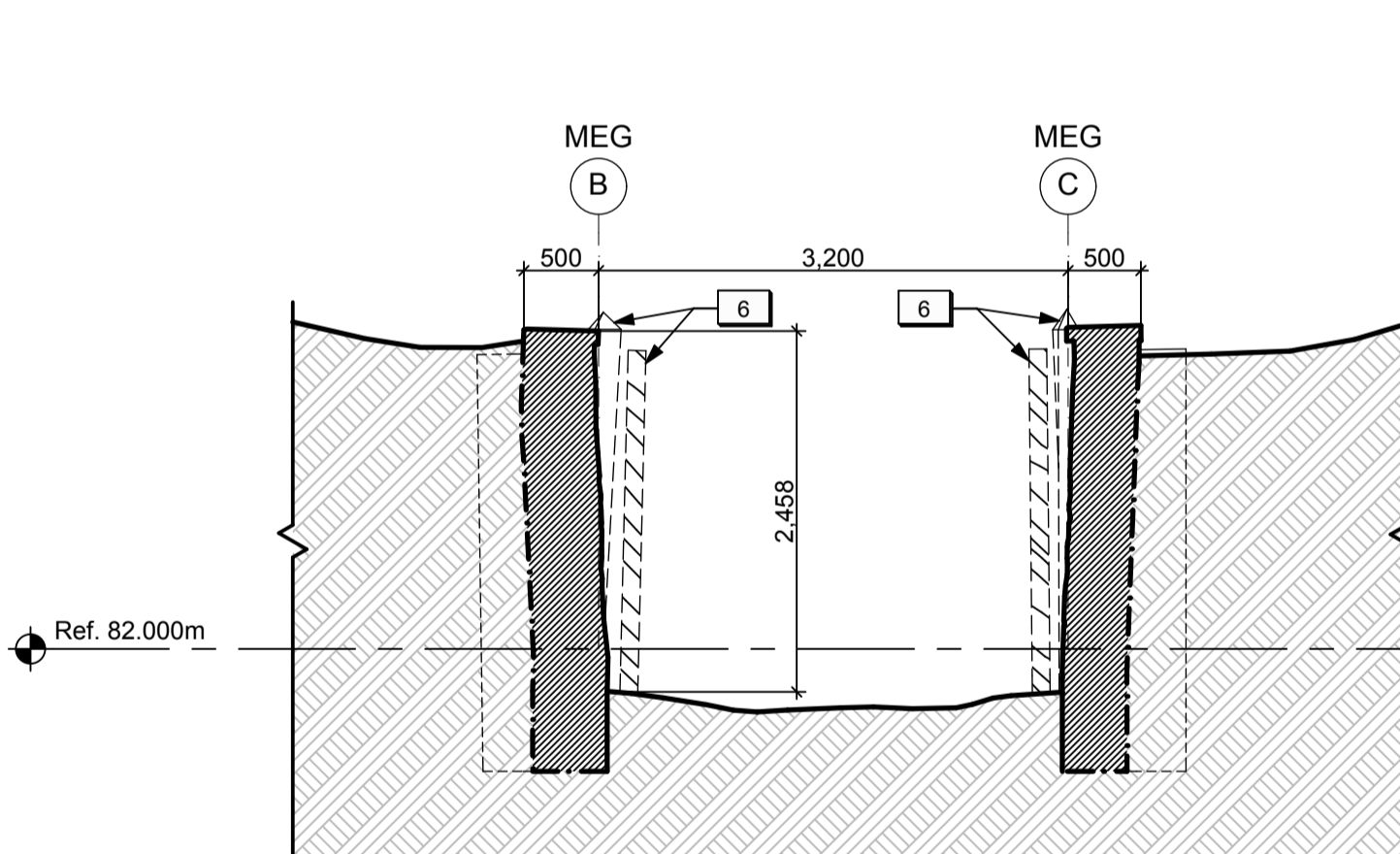
NORTH WALL - UNFOLDED ELEVATION (3) D3
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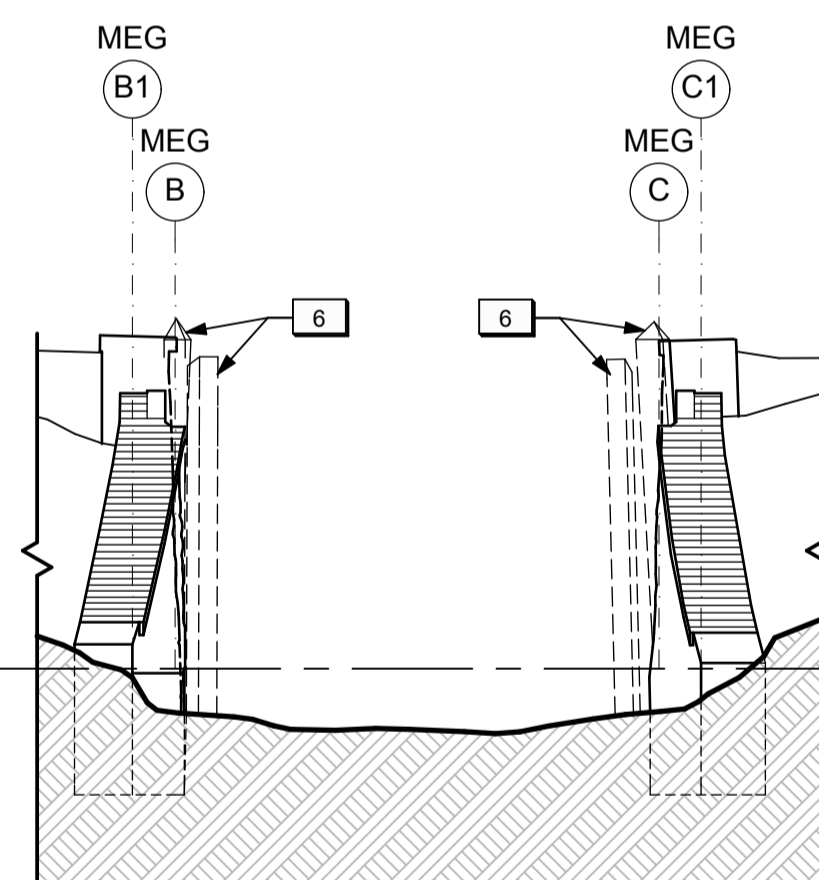
SOUTH WALL - UNFOLDED ELEVATION (2) D3
1:50



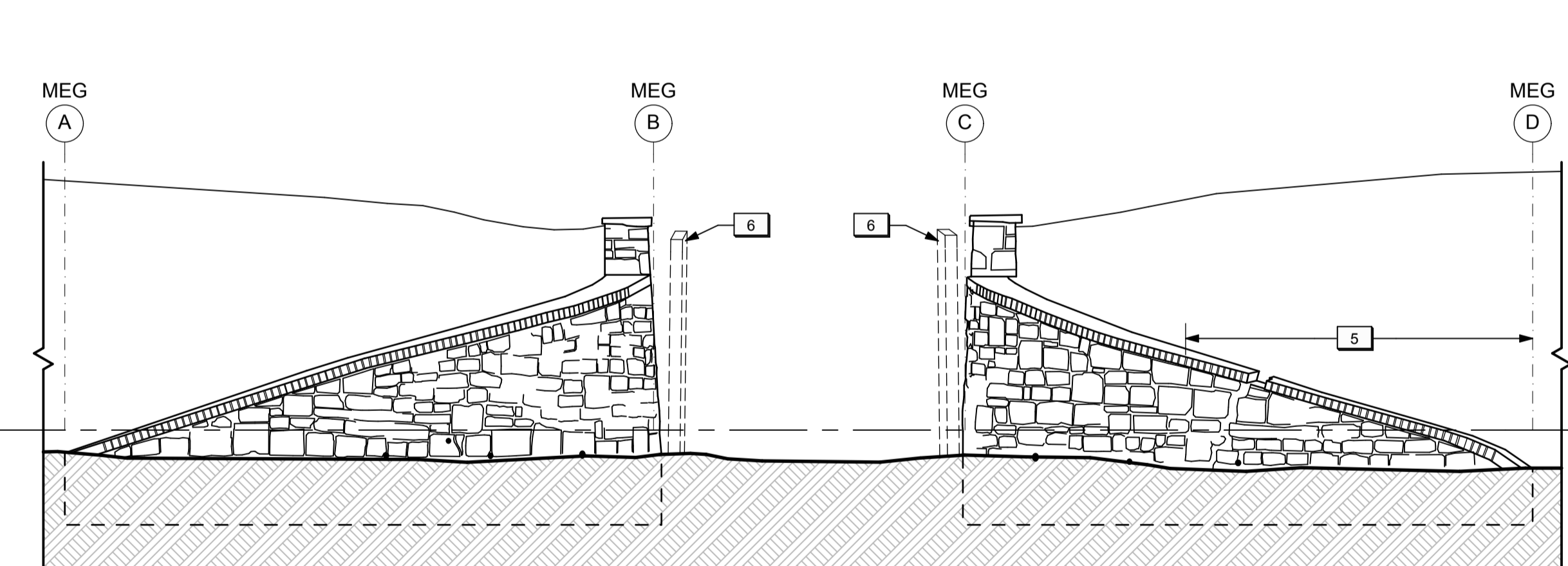
SOUTH WALL - UNFOLDED ELEVATION (4) D3
1:50



ABUTMENT WALLS - CROSS SECTION (5) D3
1:50



EXTERIOR WING WALLS - ELEVATION (6) D3
1:50



INTERIOR WING WALLS - ELEVATION (7) D3
1:50



DRAWING NOTES (MAIN ENTRANCE GATE)

1. Existing turf and soil to be excavated to allow for dismantling and reconstruction of the end portion of the north interior wing wall.
2. (Reserved)
3. (Reserved)
4. (Reserved)
5. Existing end portion of north interior wing wall to be dismantled and existing masonry salvaged/ stored for reconstruction.
6. Existing wood gates and posts to be removed.
7. Existing historic plaque to be removed by Parks Canada.

LEGEND (MAIN ENTRANCE GATE):

- Existing sub-grade to remain.
- Shallow excavation unit.
- Deep excavation unit. Provide temporary shoring as required.
- Existing masonry structure to remain.
- Existing stone wall to be dismantled.



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MAIN ENTRANCE GATE SECTIONS & ELEVATIONS (EXCAVATIONS & REMOVALS)

Scale / Echelle

1:50

Drawn by / Dessine par AC/ML Date 2016-05-12

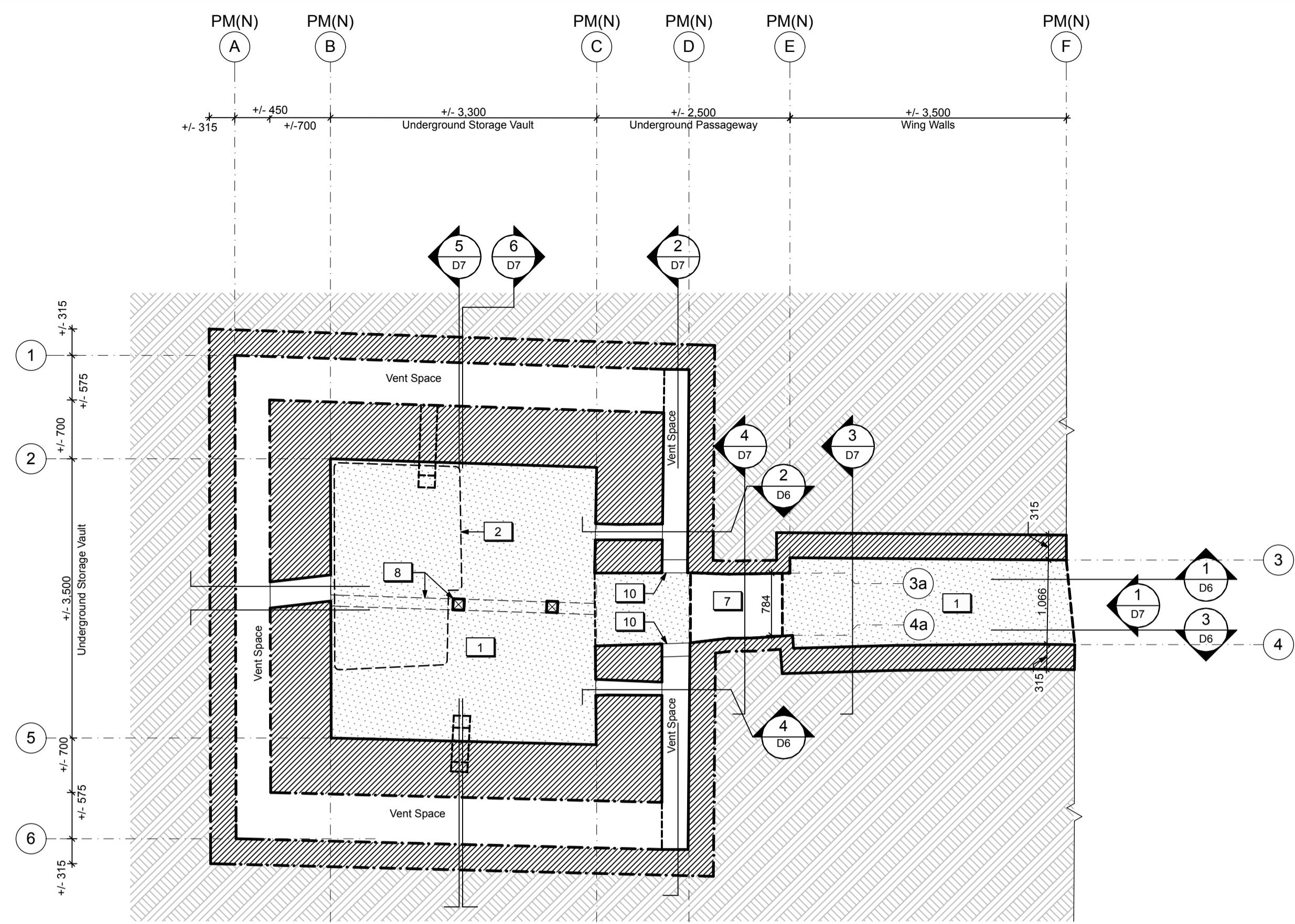
Field Recording by / Releve-Terminé par Date

Approved by / Approuvé par Date

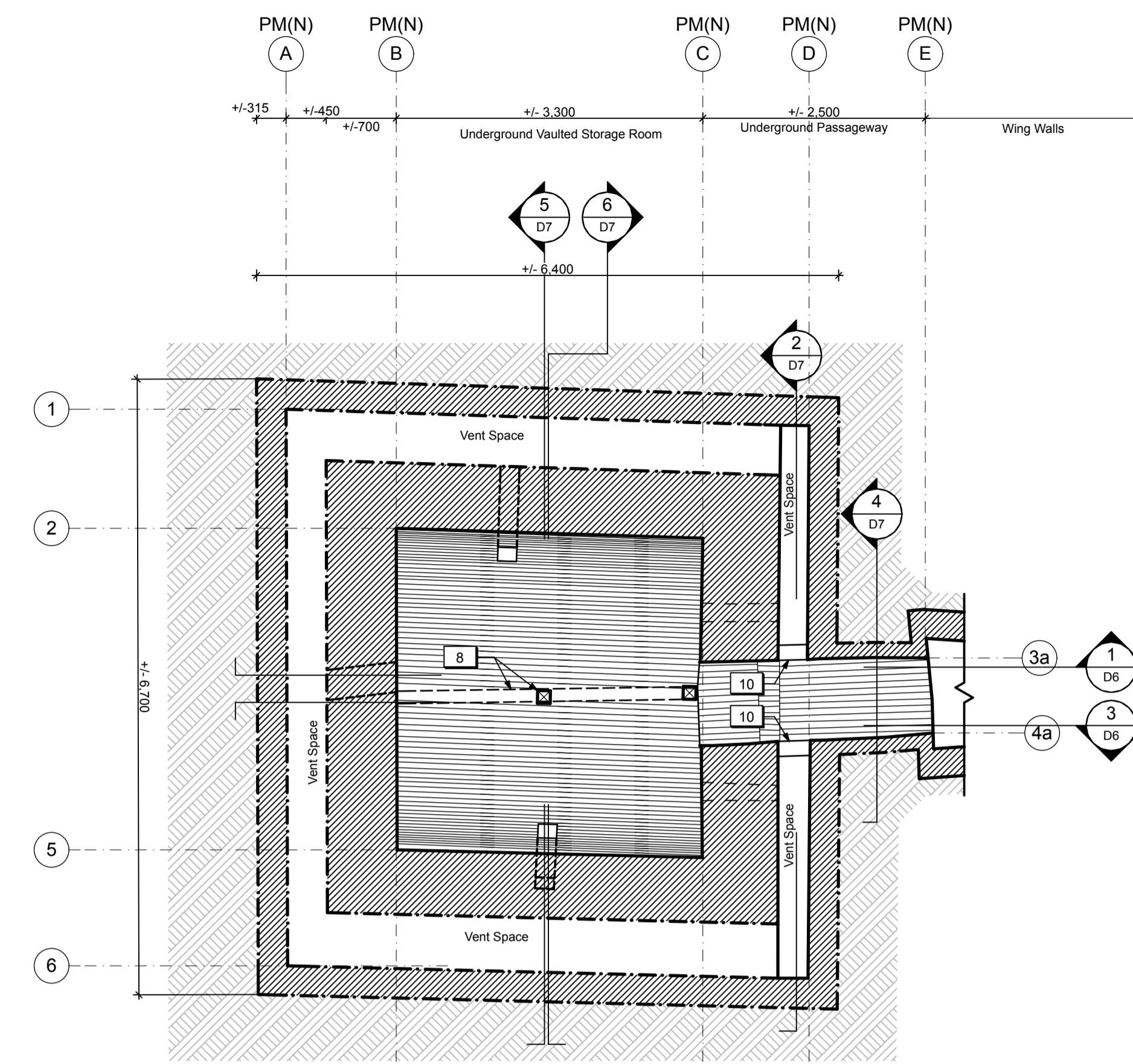
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Drawing Reference No./No. du Dessin		

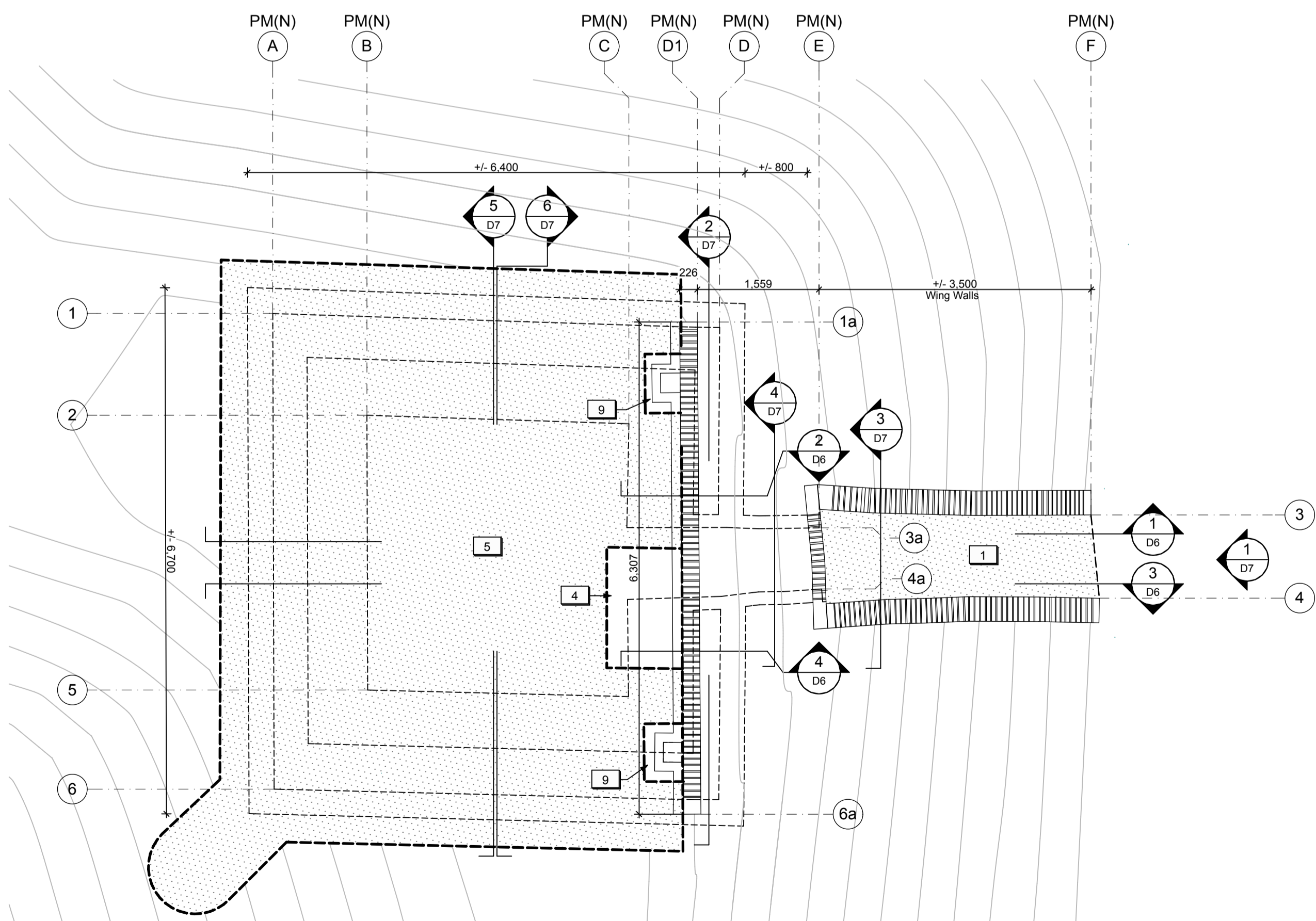
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PLAN - AT GRADE
1:50

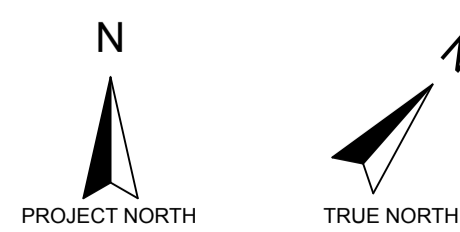
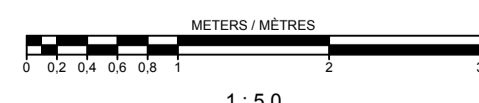


REFLECTED CEILING PLAN
1:50



PLAN - TOP VIEW
1:50

LEGEND
--- Linework indicating assumptions and/or information based on previous record drawings.



LEGEND (POWDER MAGAZINES):

	Existing earth to remain.		Existing masonry structure to remain.
	Shallow excavation unit.		Existing opening in masonry structure to be enlarged.
	Deep excavation unit. Provide temporary shoring as required.		

DRAWING NOTES (POWDER MAGAZINES):

- Existing turf / soil to be excavated throughout Passageway and Storage Vault to a maximum of 150 mm deep. Refer to Landscape.
- Existing stockpiled brick in North Powder Magazine to be removed/stored.
- Reserved.
- Existing turf / soil to be excavated to expose area of masonry failure in the outer vault structure.
- Existing turf / soil to be excavated over underground storage vault to a maximum of 200mm deep. Refer to Landscape.
- Reserved.
- Existing soil to be excavated for new concrete strut beam below grade.
- Existing wood shoring to be removed. Provide temporary support during excavation work.
- Existing turf / soil to be excavated to expose existing masonry vent shafts.
- Existing openings in the inner masonry structure to be enlarged to improve ventilation within the vent spaces. Refer to Architectural.



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Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

POWDER MAGAZINE (NORTH) - PLANS

Scale / Echelle

1:50

Drawn by / Dessiné par AC / ML Date 2016.02.05

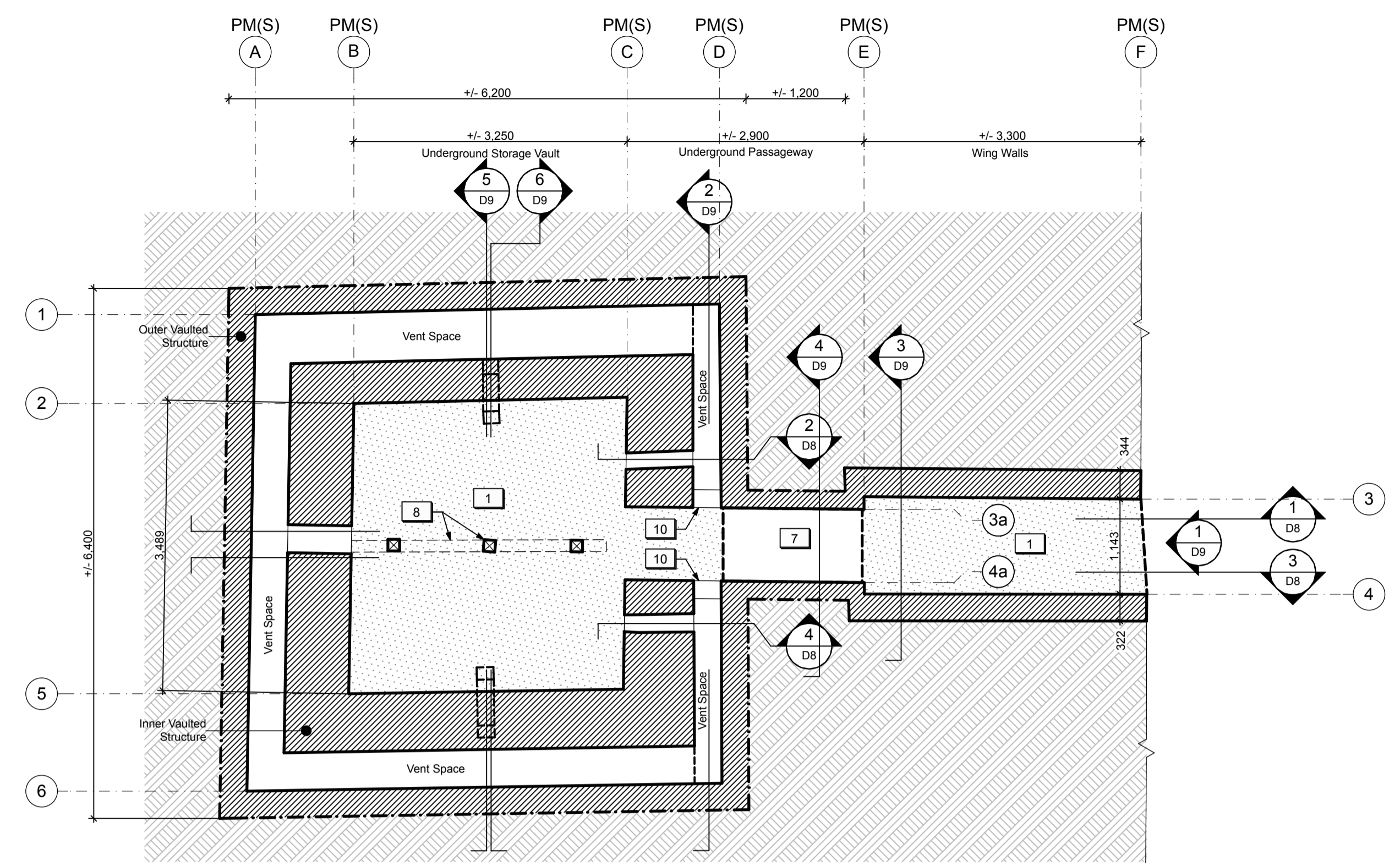
Field Recording by / Relevé-Terminé par Date

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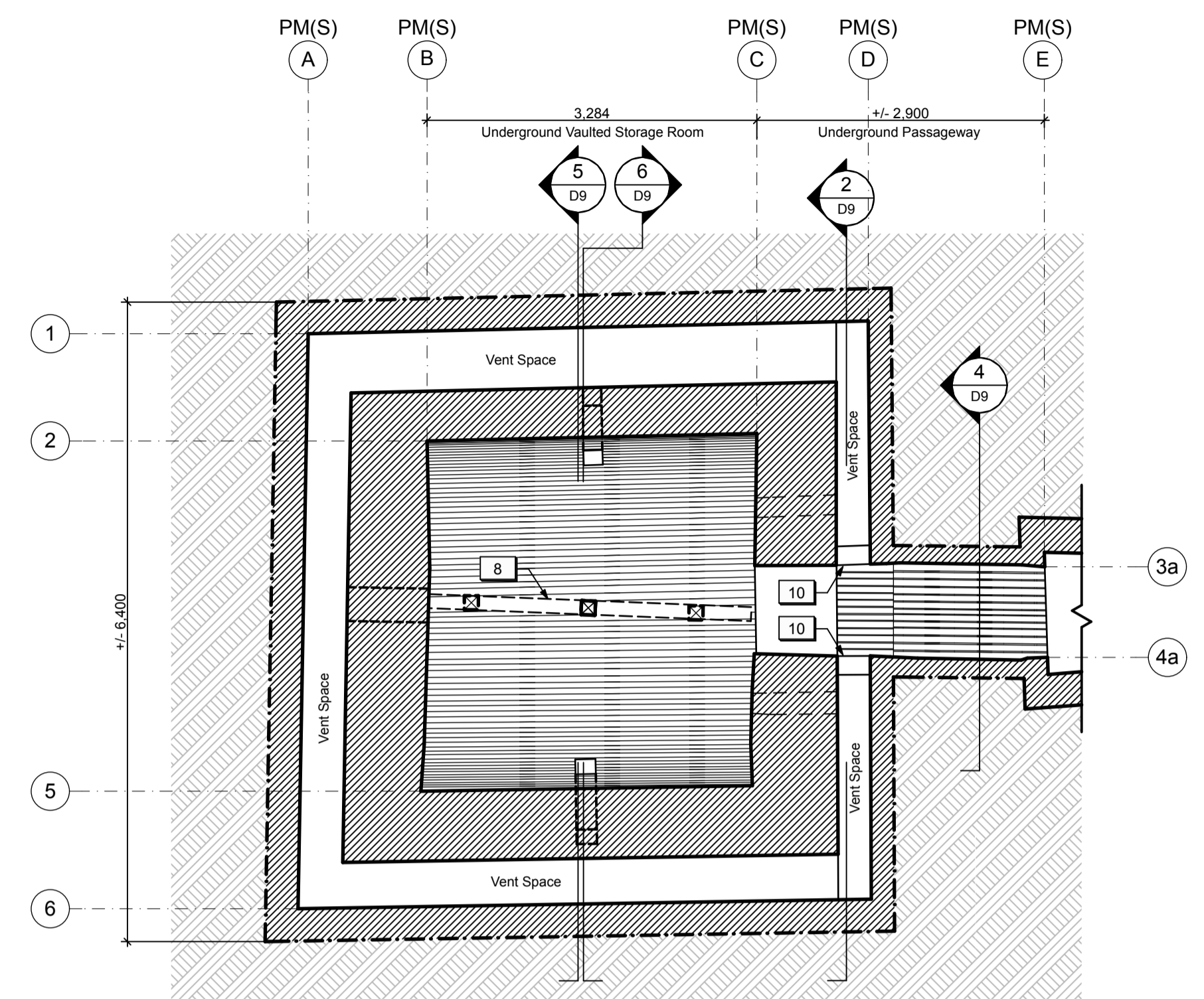
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Project No. / No. du projet PRO 000808 Asset No. 1300164 Sheet No. / Feuille No. D4

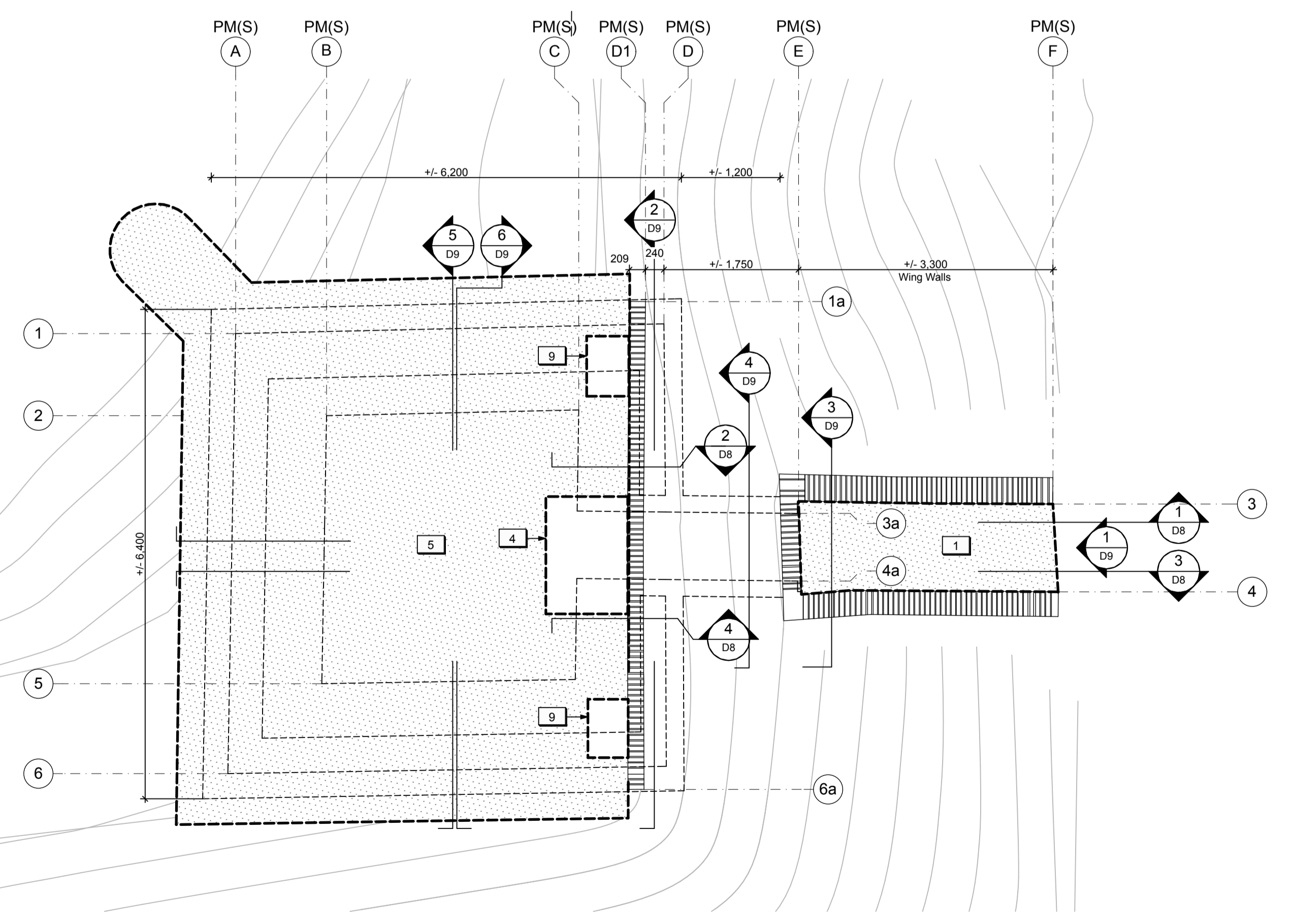
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PLAN - AT GRADE
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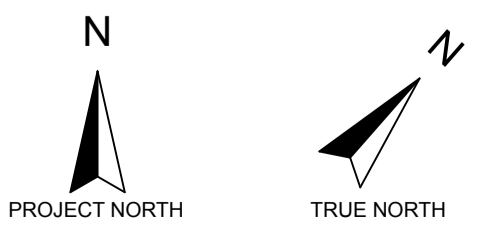
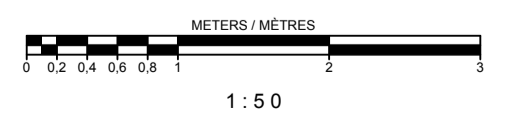


REFLECTED CEILING PLAN
1:50



PLAN - TOP VIEW
1:50

LEGEND
Linework indicating assumptions and/or information based on previous record drawings.



- LEGEND (POWDER MAGAZINES):**
- Existing earth to remain.
 - Existing masonry structure to remain.
 - Shallow excavation unit.
 - Existing opening in masonry structure to be enlarged.
 - Deep excavation unit. Provide temporary shoring as required.

- DRAWING NOTES (POWDER MAGAZINES):**
1. Existing turf / soil to be excavated throughout Passageway and Storage Vault to a maximum of 150 mm deep. Refer to Landscape.
 2. Existing stockpiled brick in North Powder Magazine to be removed/stored.
 3. Reserved.
 4. Existing turf / soil to be excavated to expose area of masonry failure in the outer vault structure.
 5. Existing turf / soil to be excavated over underground storage vault to a maximum of 200mm deep. Refer to Landscape.
 6. Reserved.
 7. Existing soil to be excavated for new concrete strut beam below grade.
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POWDER MAGAZINE (SOUTH) - PLANS

Scale / Echelle
1:50

Drawn by / Dessine par
AC / ML
Date
2016.02.05

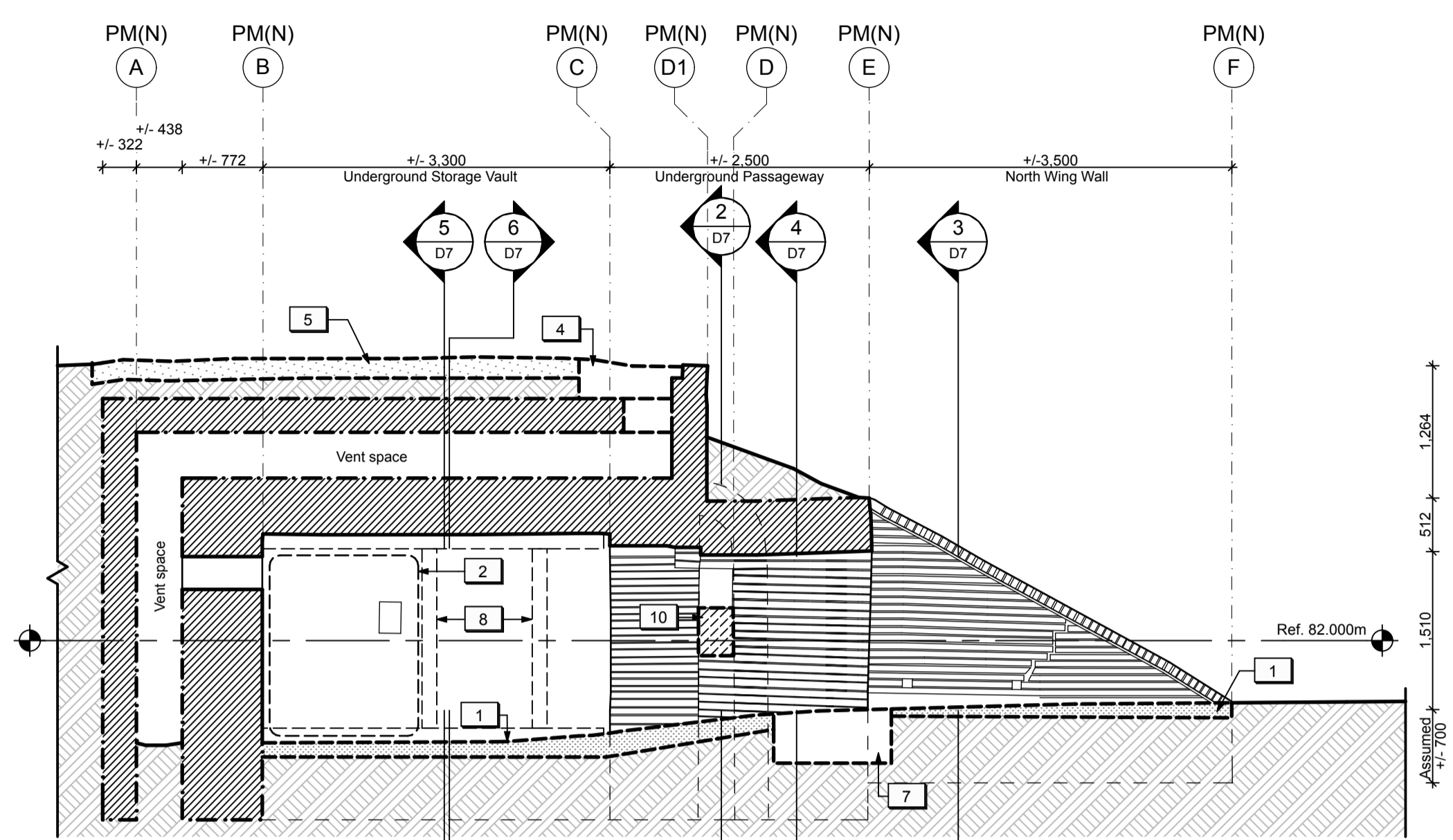
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Approved by / Approuve par
Date

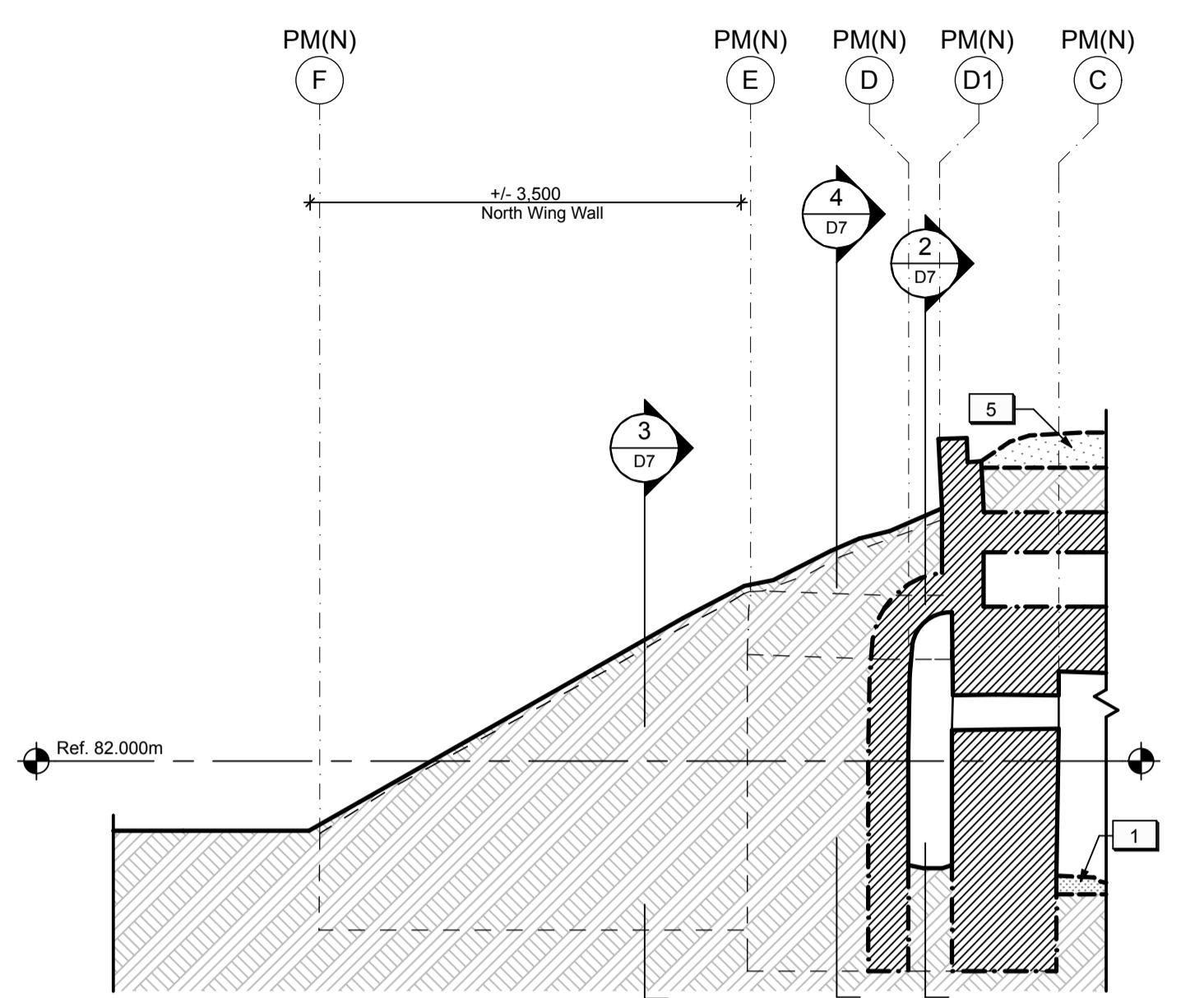
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PRO 000808
Asset No.
1300164
Sheet No. / Feuille No.
D5

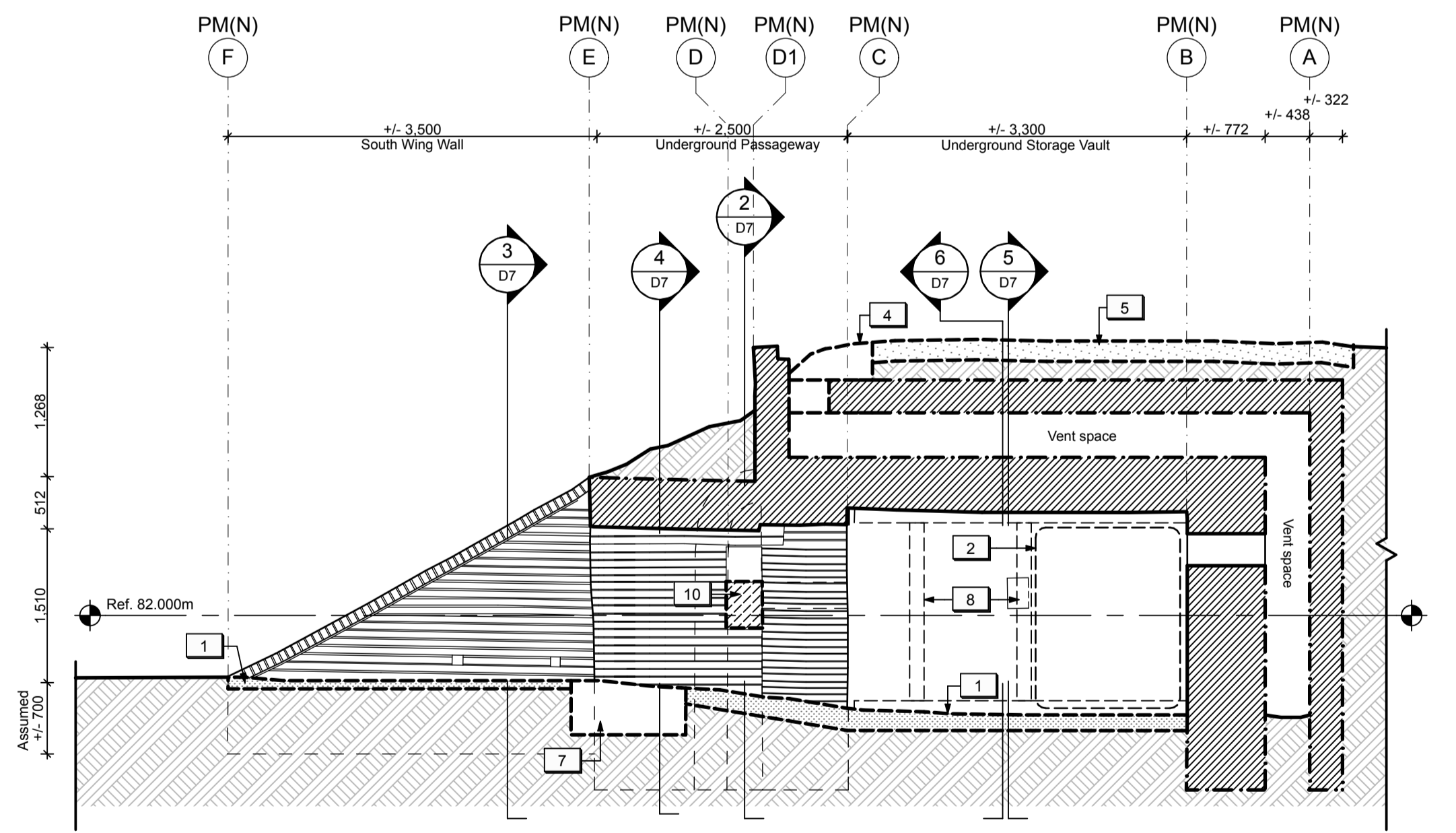
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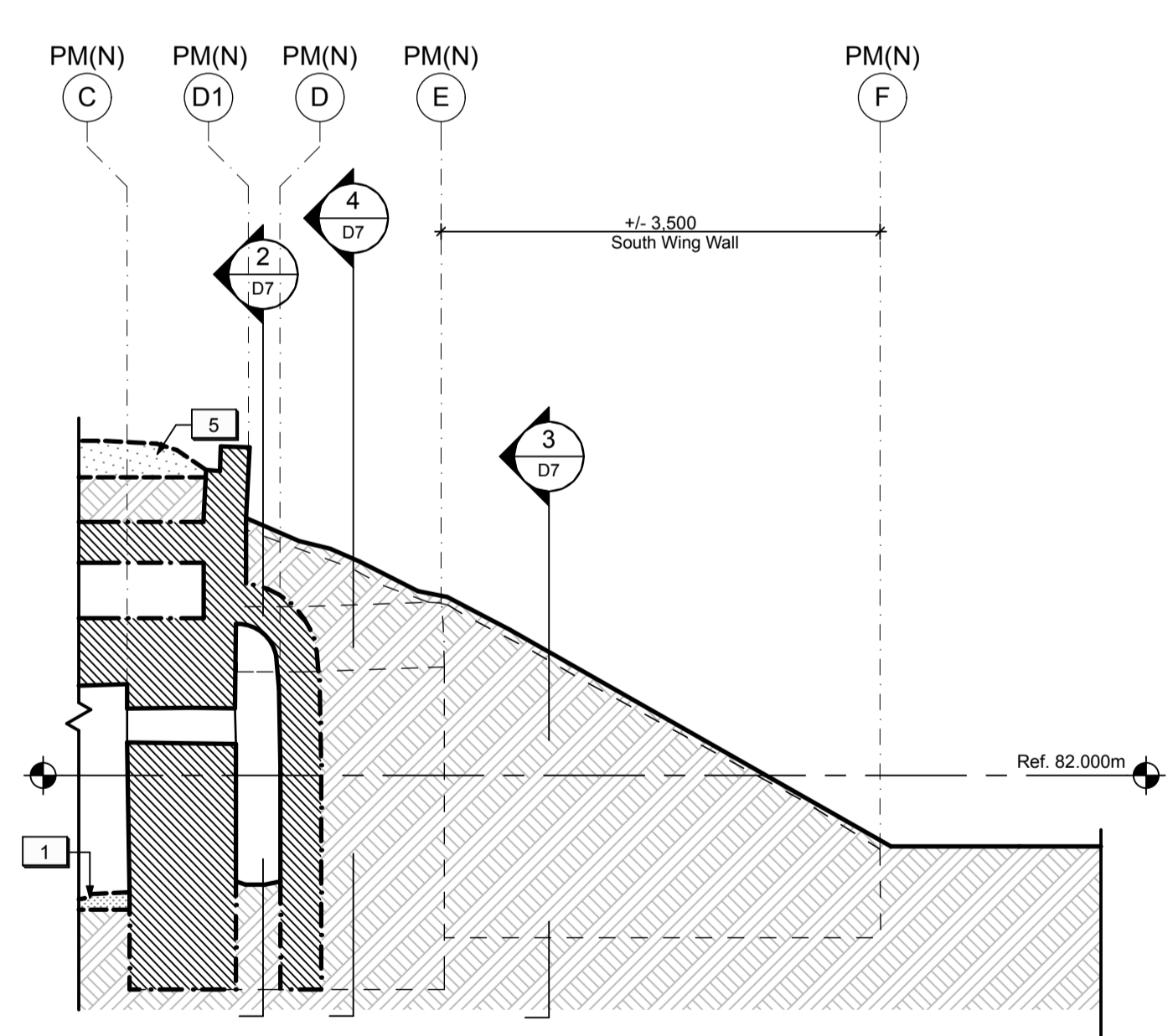
LONGITUDINAL SECTION / ELEVATION LOOKING NORTH
1
D6
1:50



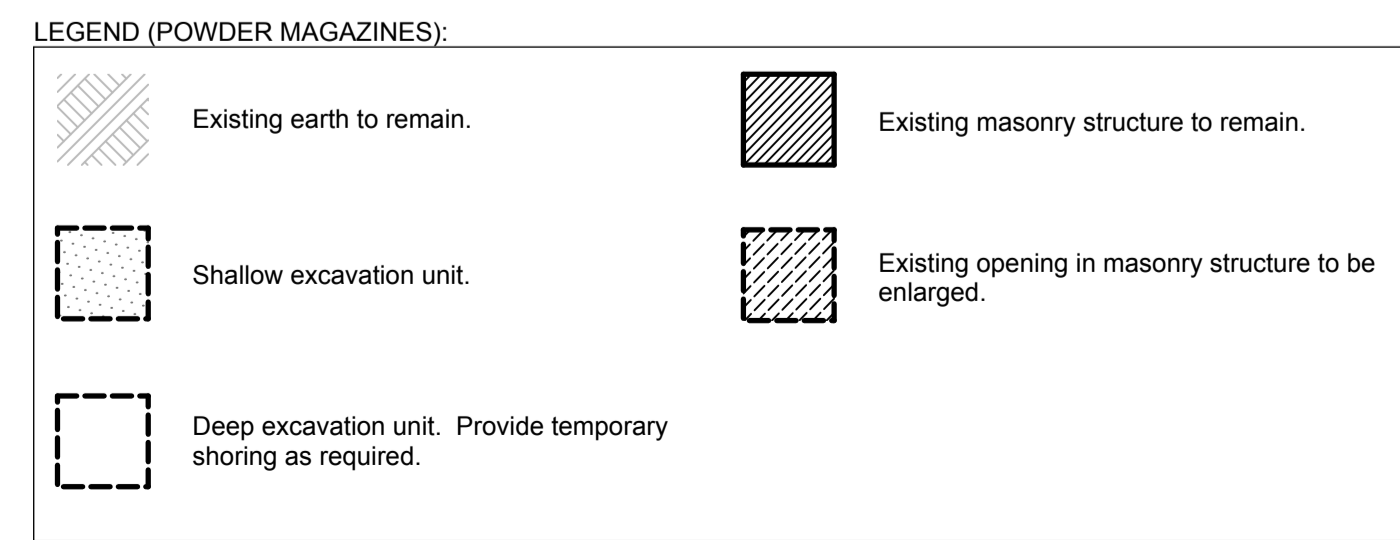
LONGITUDINAL SECTION THROUGH EARTHWORKS LOOKING SOUTH
2
D6
1:50



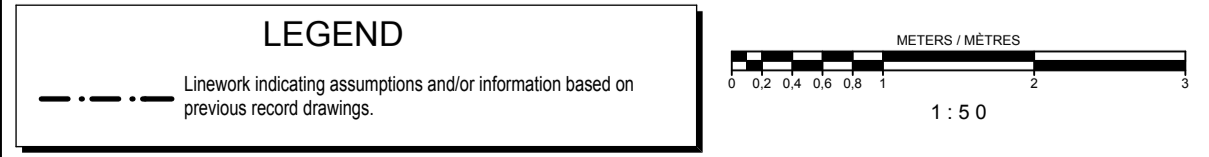
LONGITUDINAL SECTION / ELEVATION LOOKING SOUTH
3
D6
1:50



LONGITUDINAL SECTION THROUGH EARTHWORKS LOOKING NORTH
4
D6
1:50



- DRAWING NOTES (POWDER MAGAZINES):**
- Existing turf / soil to be excavated throughout Passageway and Storage Vault to a maximum of 150 mm deep. Refer to Landscape.
 - Existing stockpiled brick in North Powder Magazine to be removed/stored.
 - Reserved.
 - Existing turf / soil to be excavated to expose area of masonry failure in the outer vault structure.
 - Existing turf / soil to be excavated over underground storage vault to a maximum of 200mm deep. Refer to Landscape.
 - Reserved.
 - Existing soil to be excavated for new concrete strut beam below grade.
 - Existing wood shoring to be removed. Provide temporary support during excavation work.
 - Existing turf / soil to be excavated to expose existing masonry vent shafts.
 - Existing openings in the inner masonry structure to be enlarged to improve ventilation within the vent spaces. Refer to Architectural.



04	Issued for tender	2016/05/12
03	Issued for 99% Review	2016/04/28
02	Issued for 66% Review	2016/03/09
01	Issued for 33% Review	2016/02/05
revision	issued / revisions	yyyy/mm/dd

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A	A Detail number	A Numero de detail
B	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters / Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client
Signature _____ Date _____
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Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
POWDER MAGAZINE (NORTH) - SECTIONS & ELEVATIONS 1

Scale / Echelle
1:50
Drawn by / Dessine par
AC / ML
Date
2016.02.05

Field Recording by / Relevé-Terminé par
Date

Approved by / Approuvé par
Date

Checked by / Vérifié par

Project No. / No. du projet PRO 000808	Asset No. 1300164	Sheet No. / Feuille No. D6
Drawing Reference No./No. du Dessin		



04	Issued for tender	2016/05/12
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revision	issued / revisions	yyyy/mm/dd

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Type of Record / Type d'enregistrement

Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

POWDER MAGAZINE (NORTH) - SECTIONS & ELEVATIONS 2

Scale / Echelle

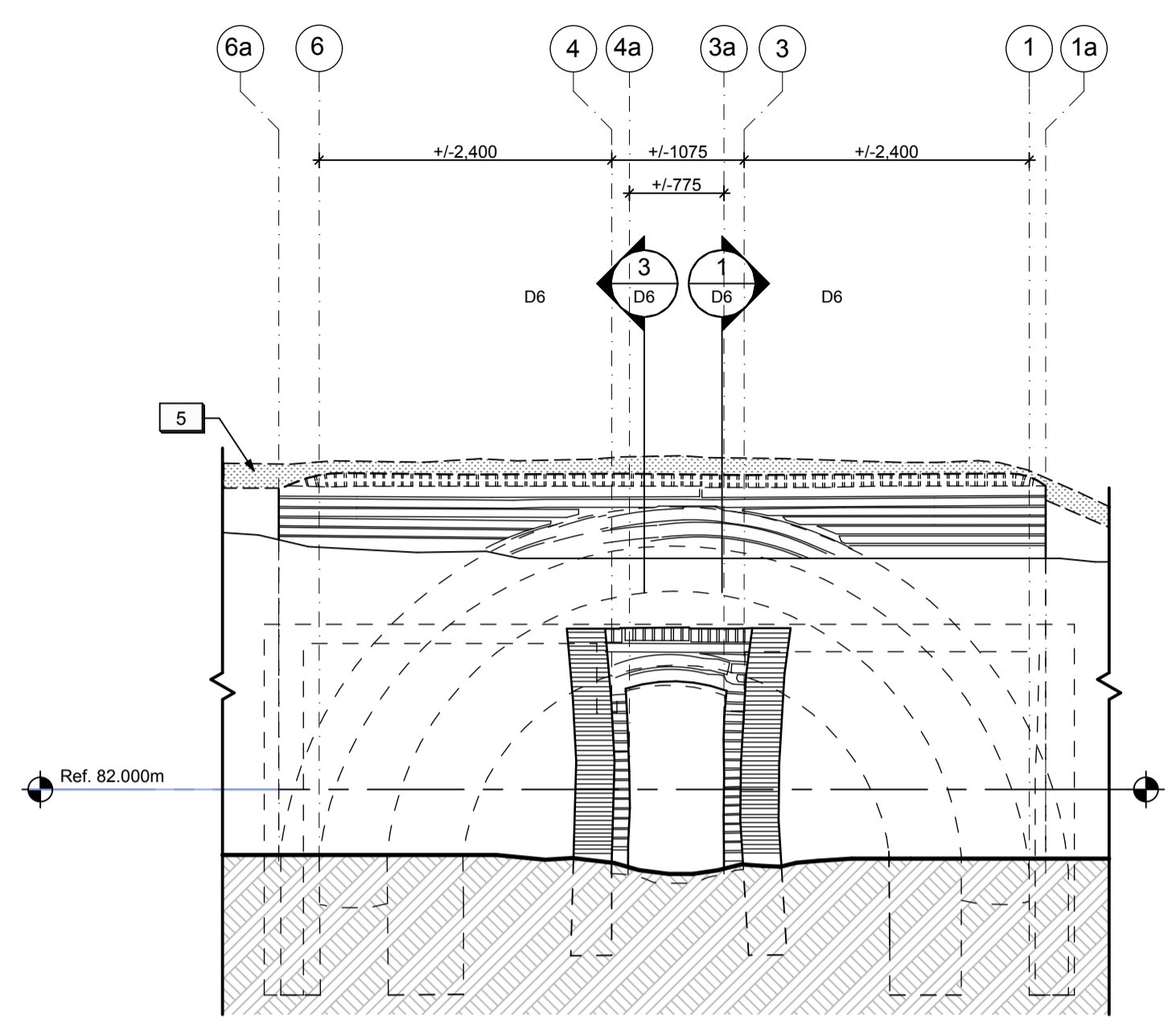
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 AC / ML Date 2016.02.05

Field Recording by / Relevé-Terminé par

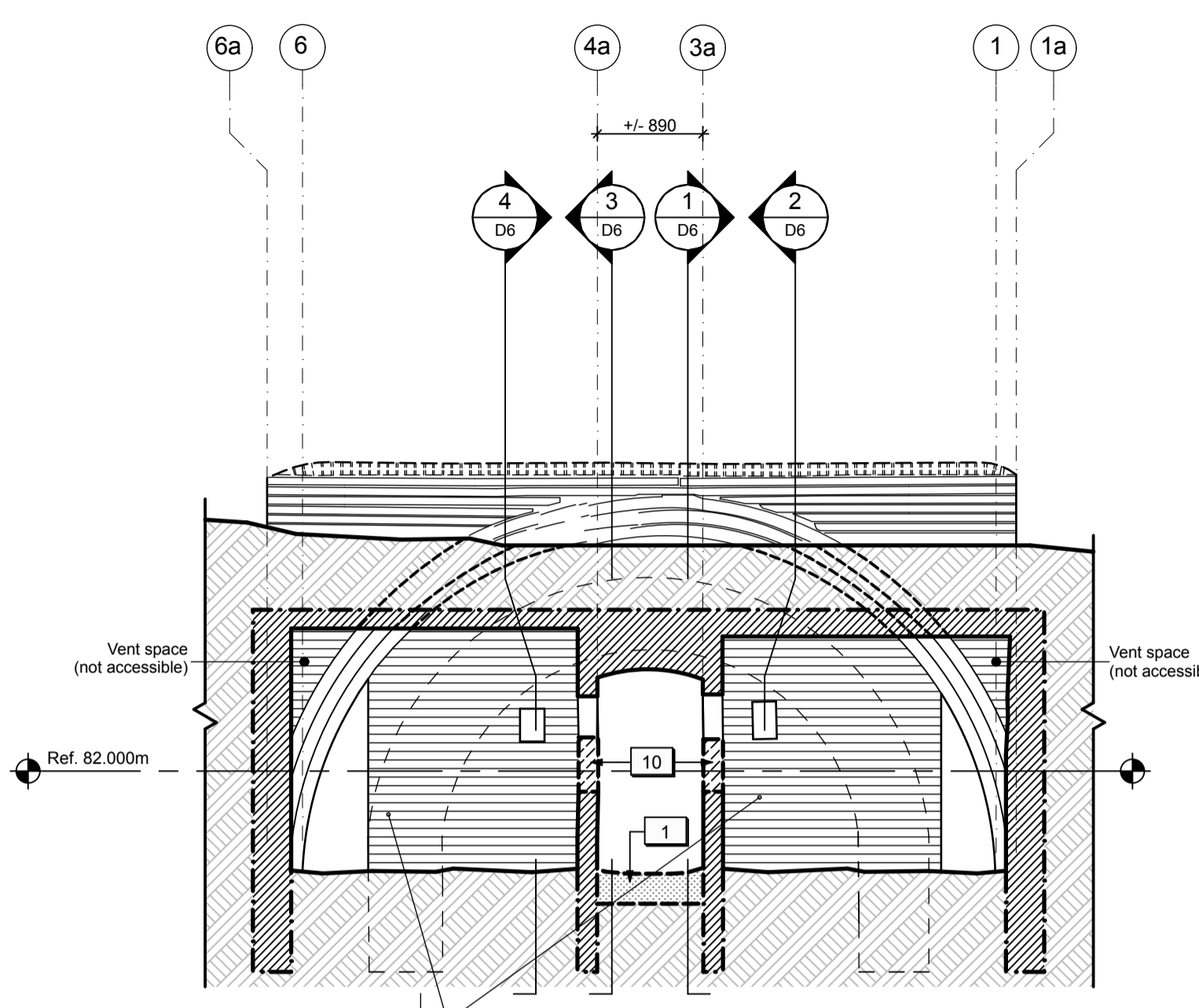
Approved by / Approuvé par

Checked by / Vérifié par

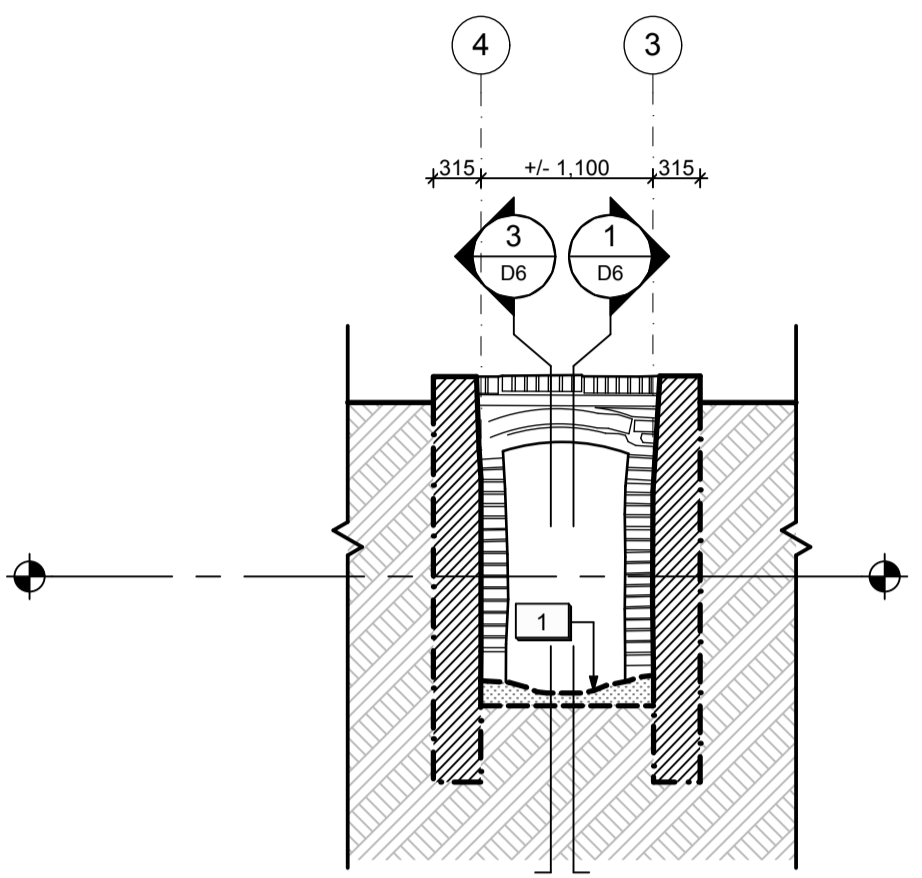
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Drawing Reference No./No. du Dessin		



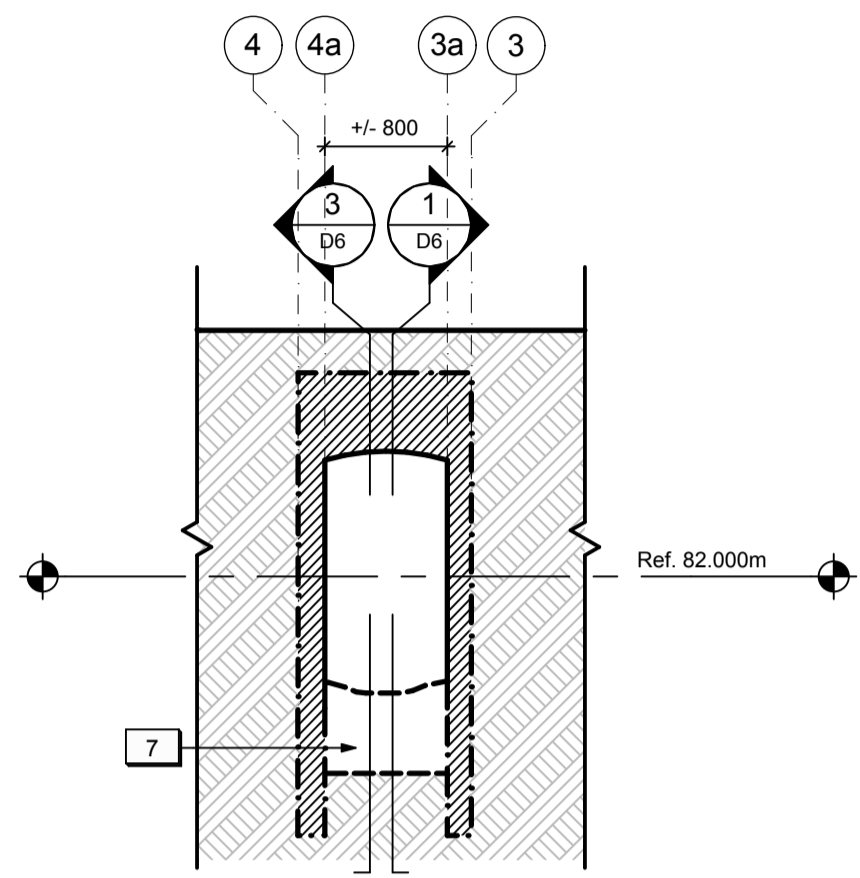
EXTERIOR ELEVATION LOOKING WEST
1:50



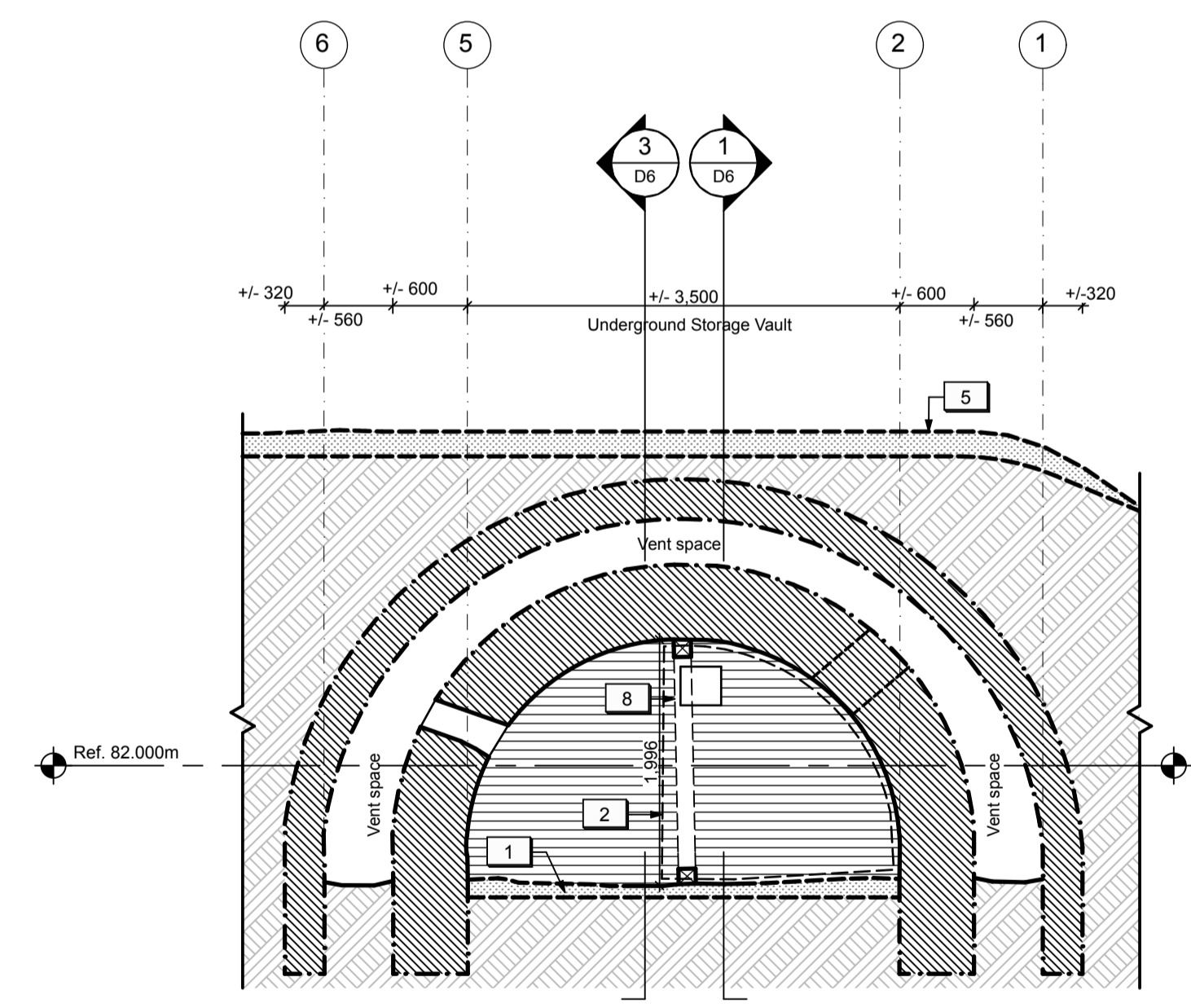
CROSS SECTION THROUGH VENT SPACE LOOKING WEST
1:50



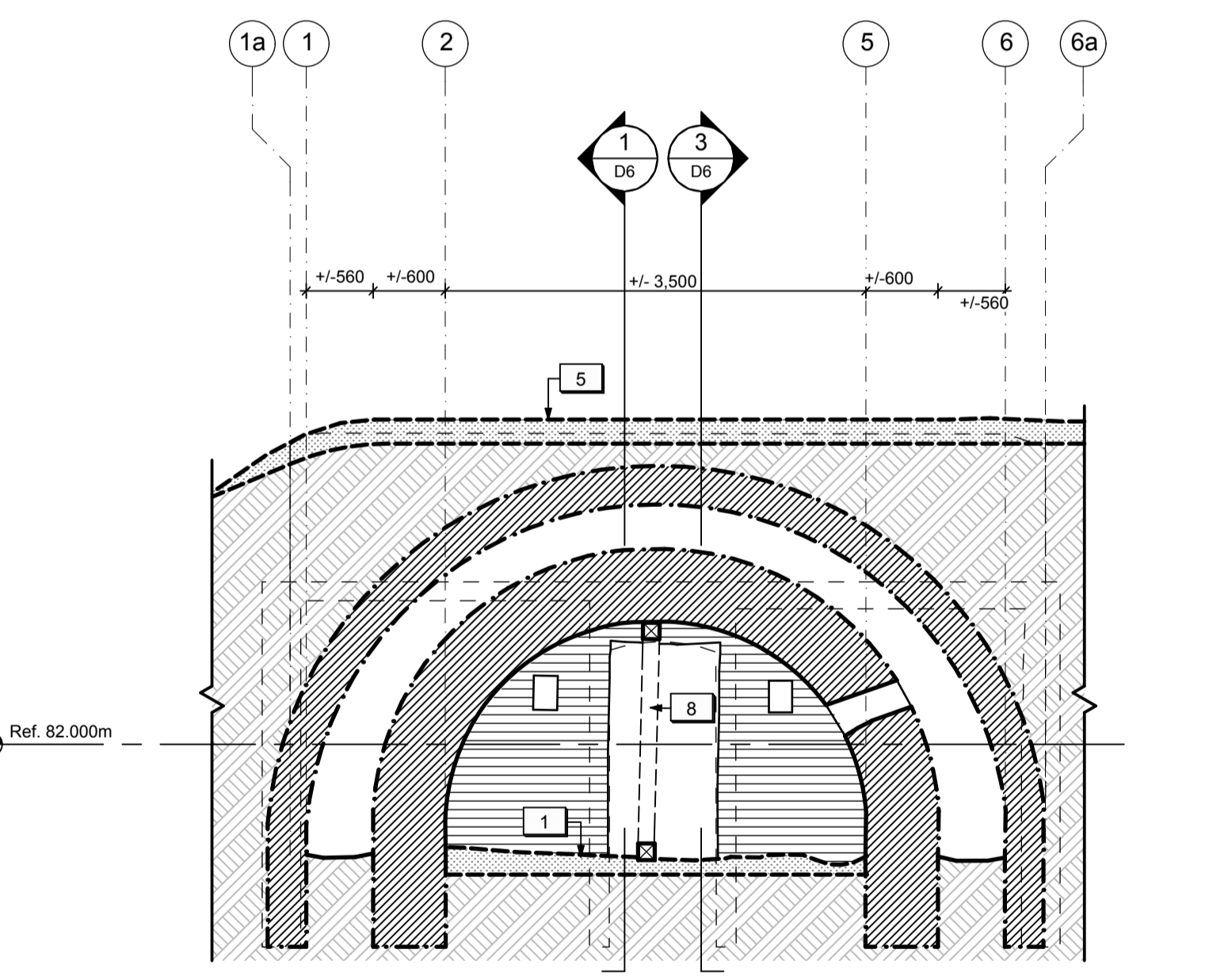
CROSS SECTION THROUGH WING WALLS LOOKING WEST
1:50



CROSS SECTION THROUGH UNDERGROUND PASSAGEWAY
1:50



CROSS SECTION THROUGH STORAGE VAULT LOOKING WEST
1:50



CROSS SECTION THROUGH STORAGE VAULT LOOKING EAST
1:50

LEGEND (POWDER MAGAZINES):

Existing earth to remain.	Existing masonry structure to remain.
Shallow excavation unit.	Existing opening in masonry structure to be enlarged.
Deep excavation unit. Provide temporary shoring as required.	

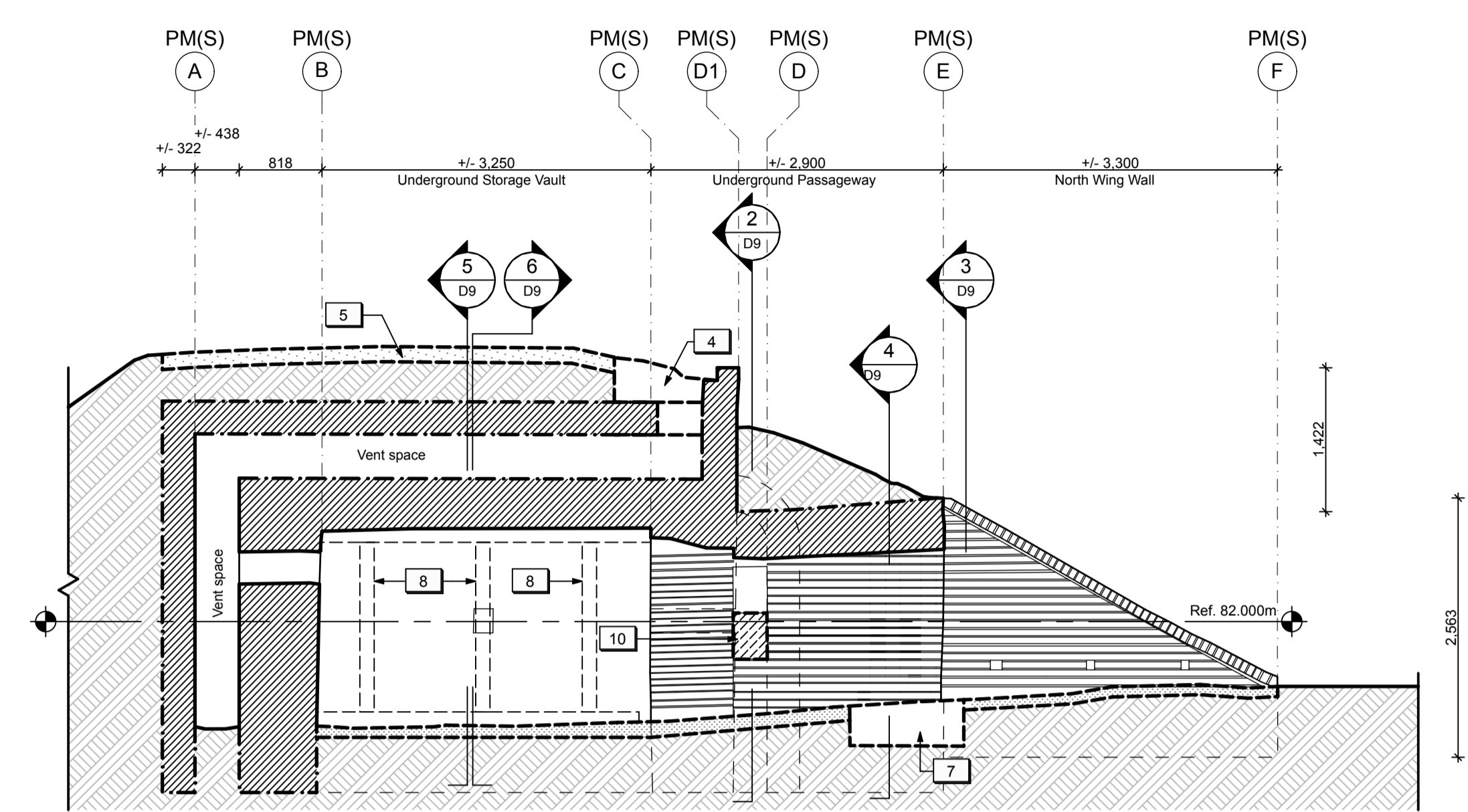
DRAWING NOTES (POWDER MAGAZINES):

- Existing turf / soil to be excavated throughout Passageway and Storage Vault to a maximum of 150 mm deep. Refer to Landscape.
- Existing stockpiled brick in North Powder Magazine to be removed/stored.
- Reserved.
- Existing turf / soil to be excavated to expose area of masonry failure in the outer vault structure.
- Existing turf / soil to be excavated over underground storage vault to a maximum of 200mm deep. Refer to Landscape.
- Reserved.
- Existing soil to be excavated for new concrete strut beam below grade.
- Existing wood shoring to be removed. Provide temporary support during excavation work.
- Existing turf / soil to be excavated to expose existing masonry vent shafts.
- Existing openings in the inner masonry structure to be enlarged to improve ventilation within the vent spaces. Refer to Architectural.

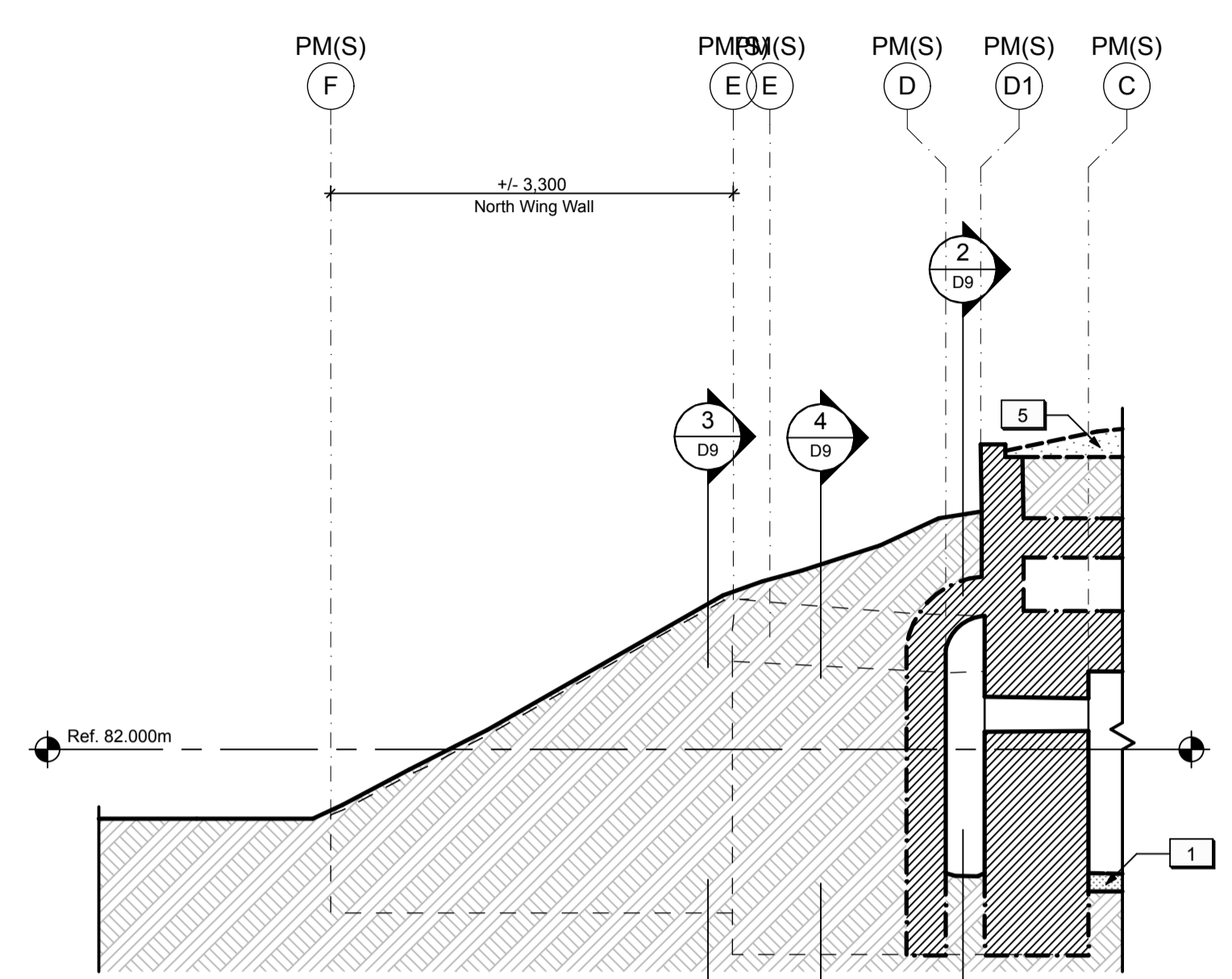
LEGEND
 Linework indicating assumptions and/or information based on previous record drawings.



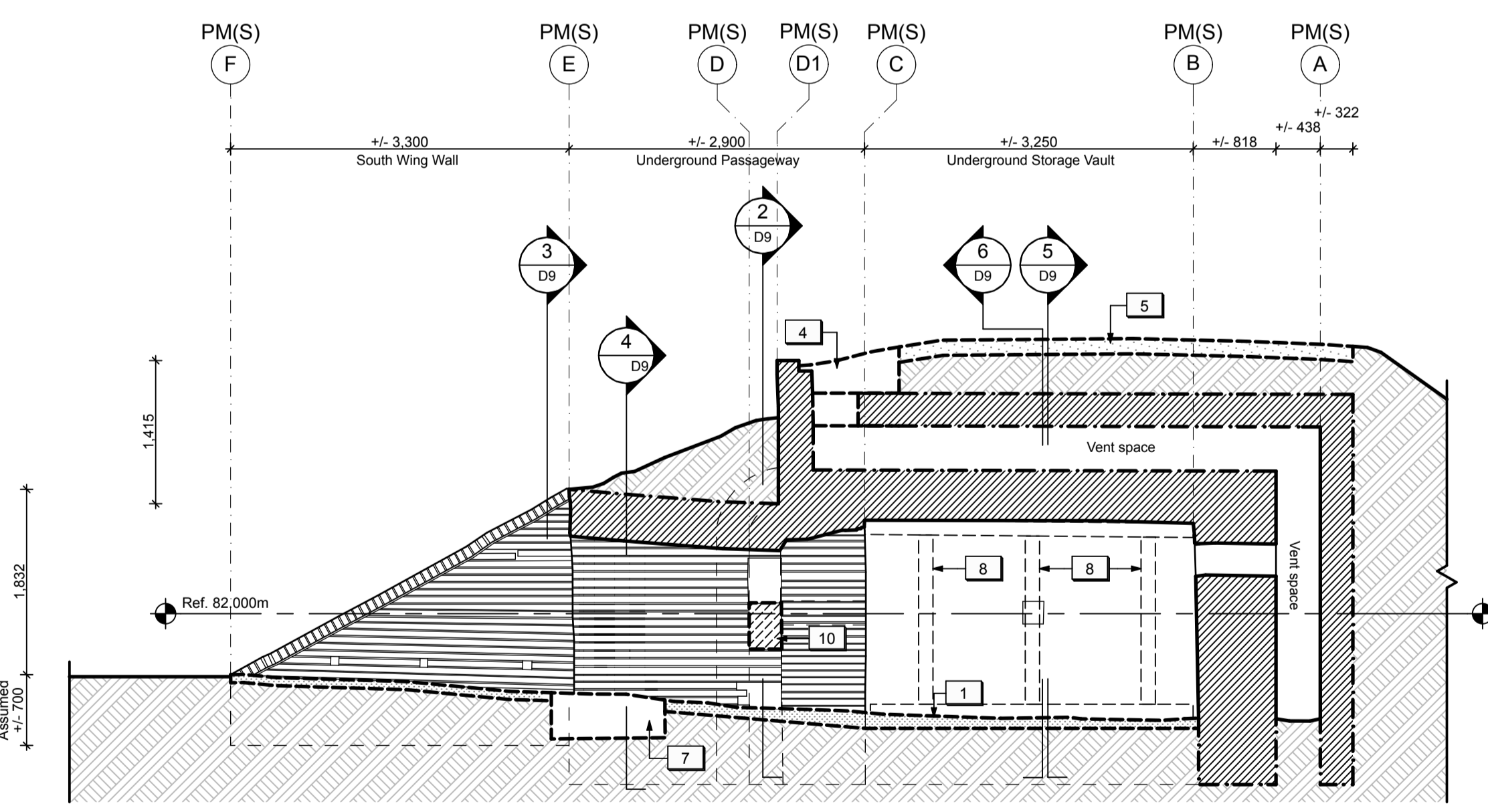
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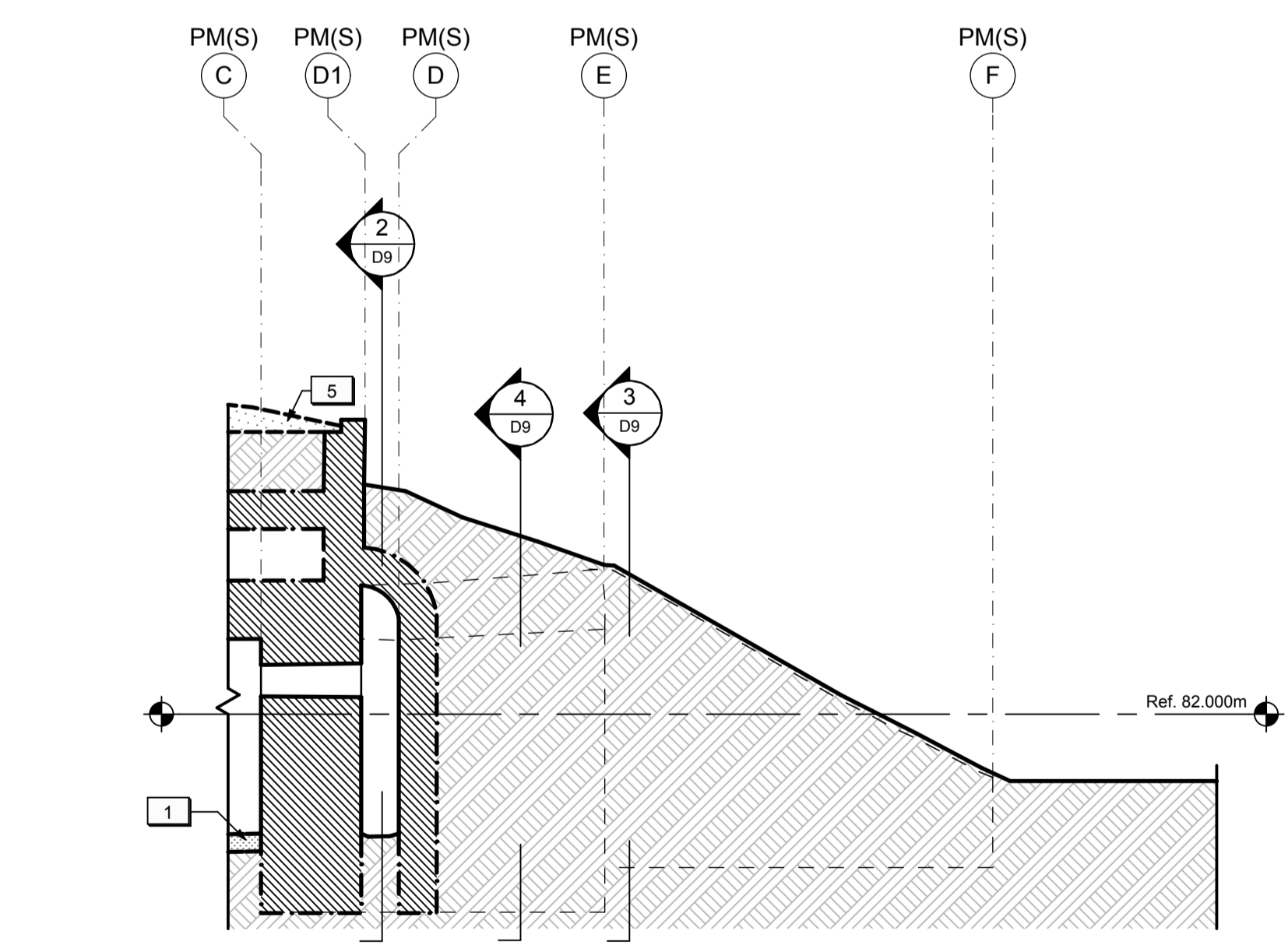
LONGITUDINAL SECTION / ELEVATION LOOKING NORTH
1:50



LONGITUDINAL SECTION THROUGH EARTHWORKS LOOKING SOUTH
1:50



LONGITUDINAL SECTION / ELEVATION LOOKING SOUTH
1:50



LONGITUDINAL SECTION THROUGH EARTHWORKS LOOKING NORTH
1:50

LEGEND (POWDER MAGAZINES):

	Existing earth to remain.		Existing masonry structure to remain.
	Shallow excavation unit.		Existing opening in masonry structure to be enlarged.
	Deep excavation unit. Provide temporary shoring as required.		

- DRAWING NOTES (POWDER MAGAZINES):**
- Existing turf / soil to be excavated throughout Passageway and Storage Vault to a maximum of 150 mm deep. Refer to Landscape.
 - Existing stockpiled brick in North Powder Magazine to be removed/stored.
 - Reserved.
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 - Reserved.
 - Existing soil to be excavated for new concrete strut beam below grade.
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 - Existing turf / soil to be excavated to expose existing masonry vent shafts.
 - Existing openings in the inner masonry structure to be enlarged to improve ventilation within the vent spaces. Refer to Architectural.

LEGEND

Linework indicating assumptions and/or information based on previous record drawings.

1:50

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Type of Record / Type d'enregistrement
-

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

POWDER MAGAZINE (SOUTH) - SECTIONS & ELEVATIONS 1

Scale / Echelle
1:50

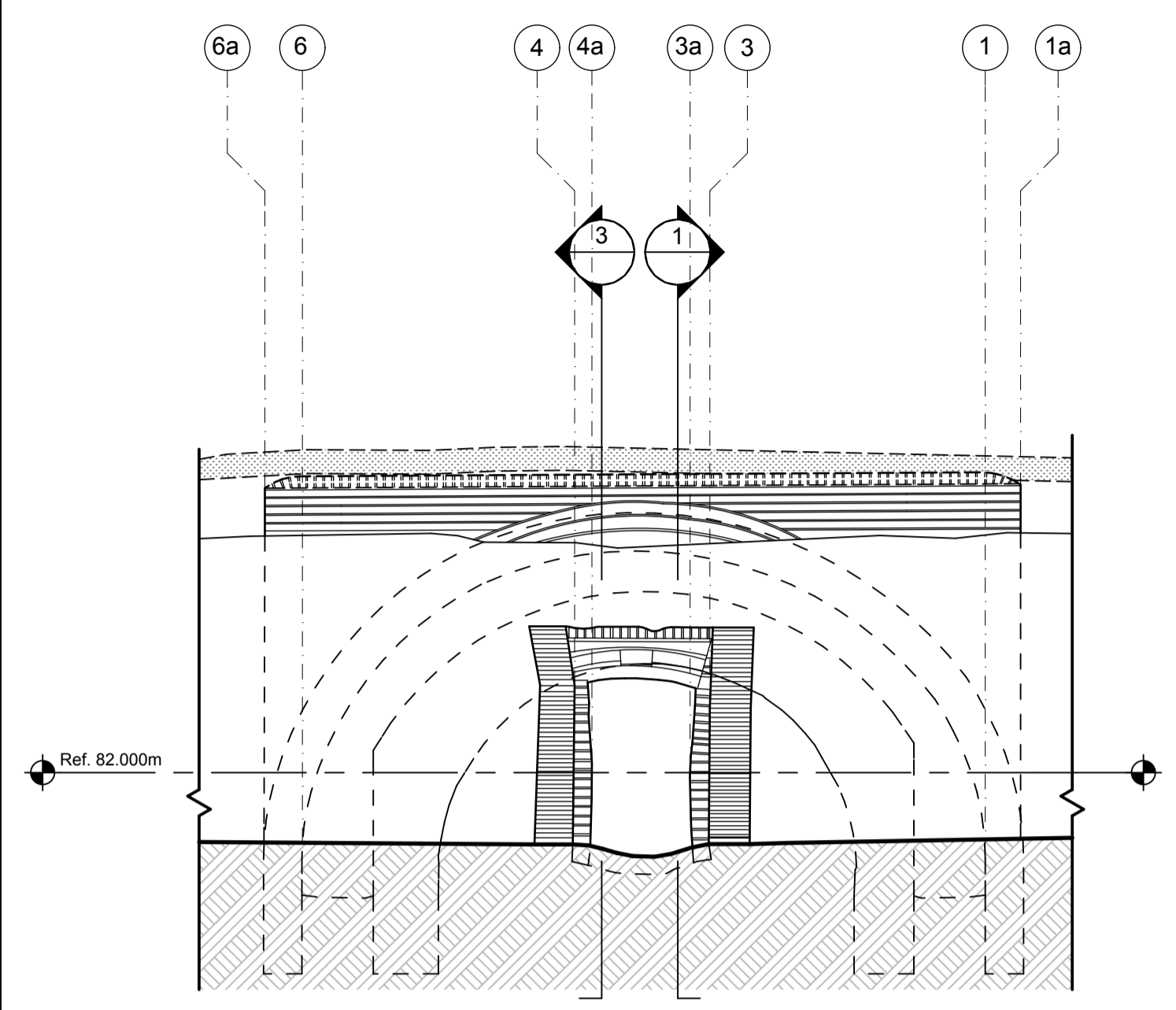
Drawn by / Dessine par
AC / ML Date 2016.02.05

Field Recording by / Releve-Terminé par
Date

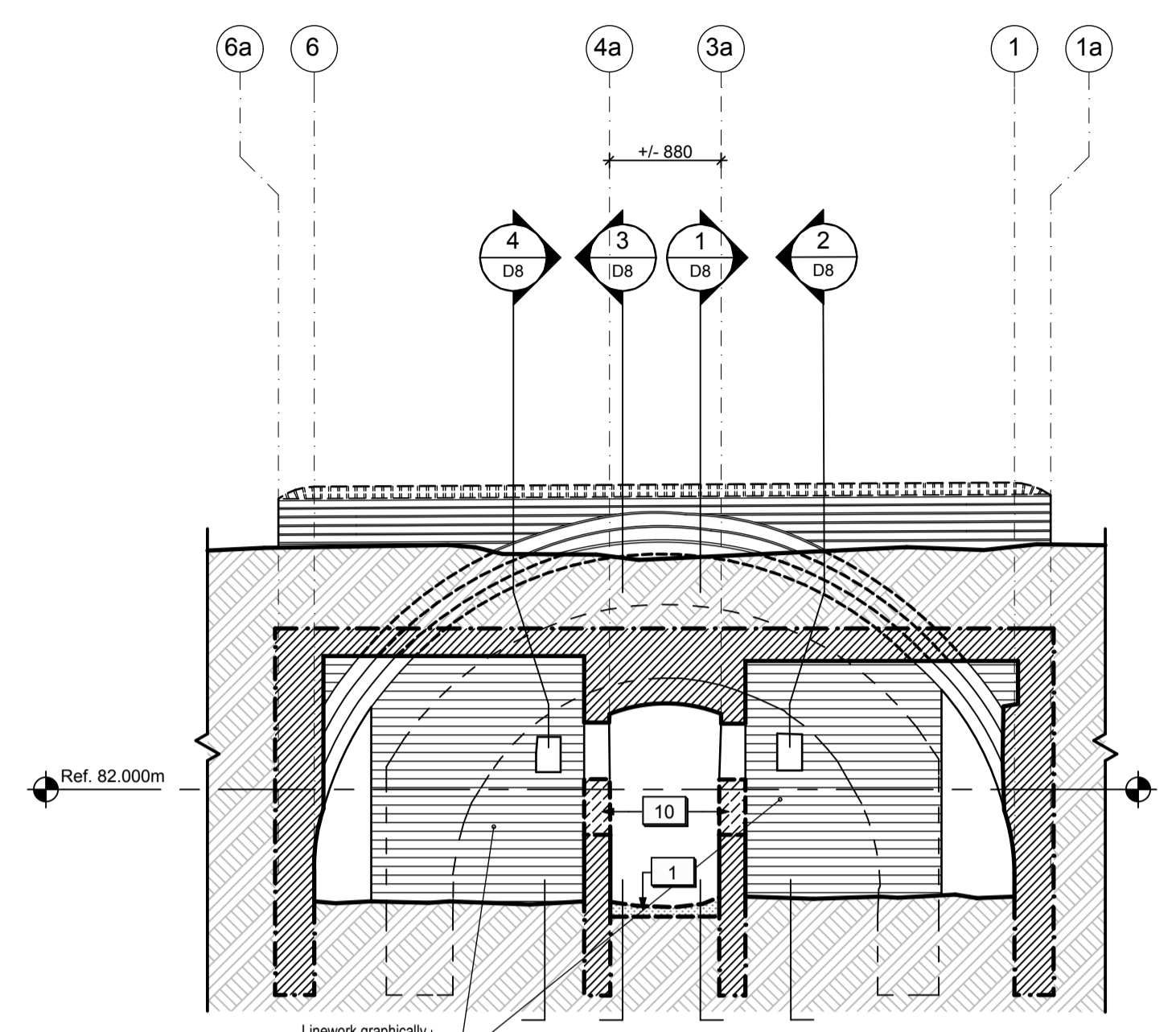
Approved by / Approuvé par
Date

Checked by / Vérifié par

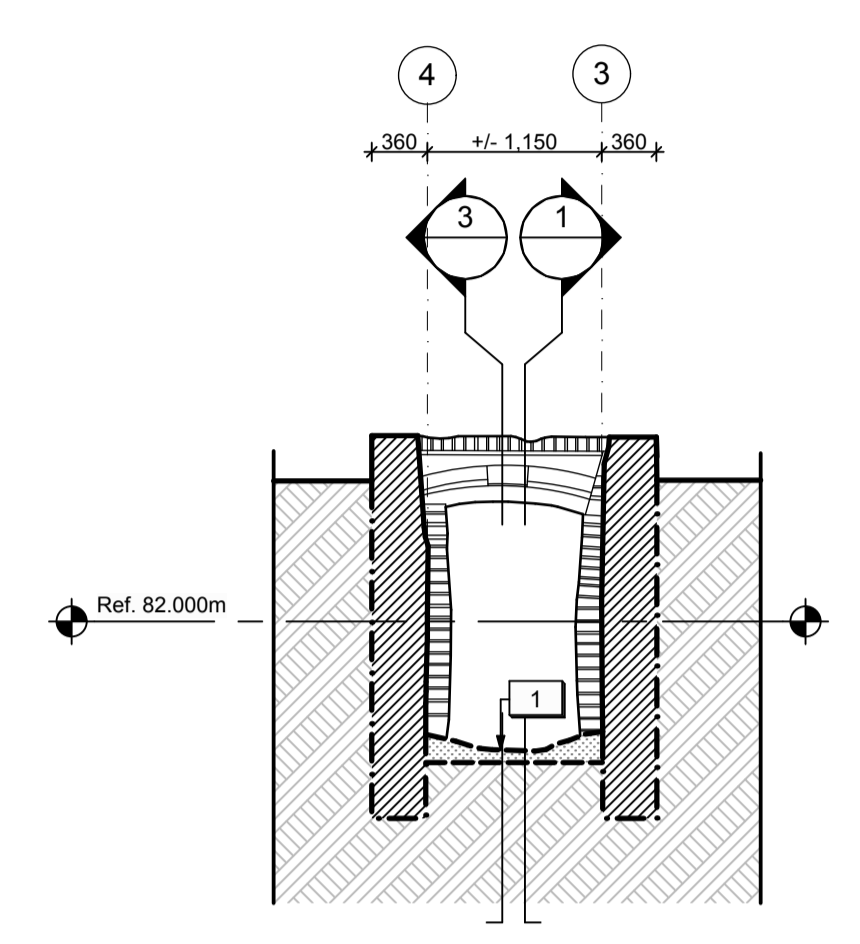
Project No. / No. du projet PRO 000808	Asset No. 1300164	Sheet No. / Feuille No. D8
Drawing Reference No./No. du Dessin		



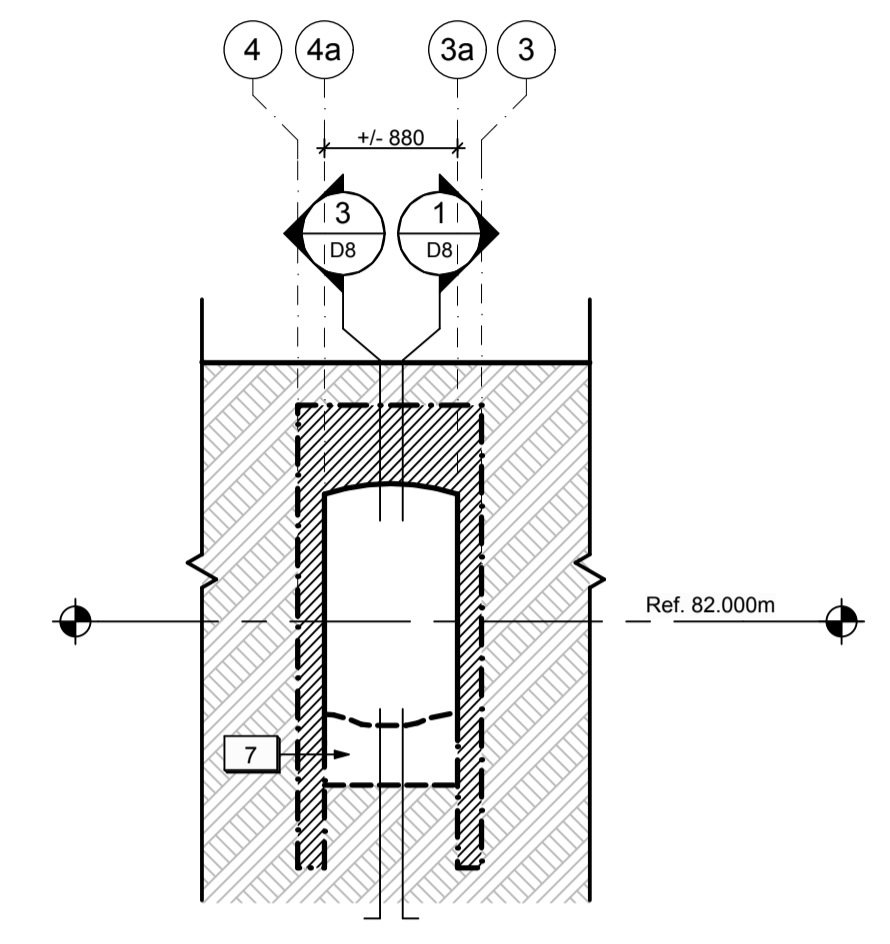
EXTERIOR ELEVATION LOOKING WEST
1
D9



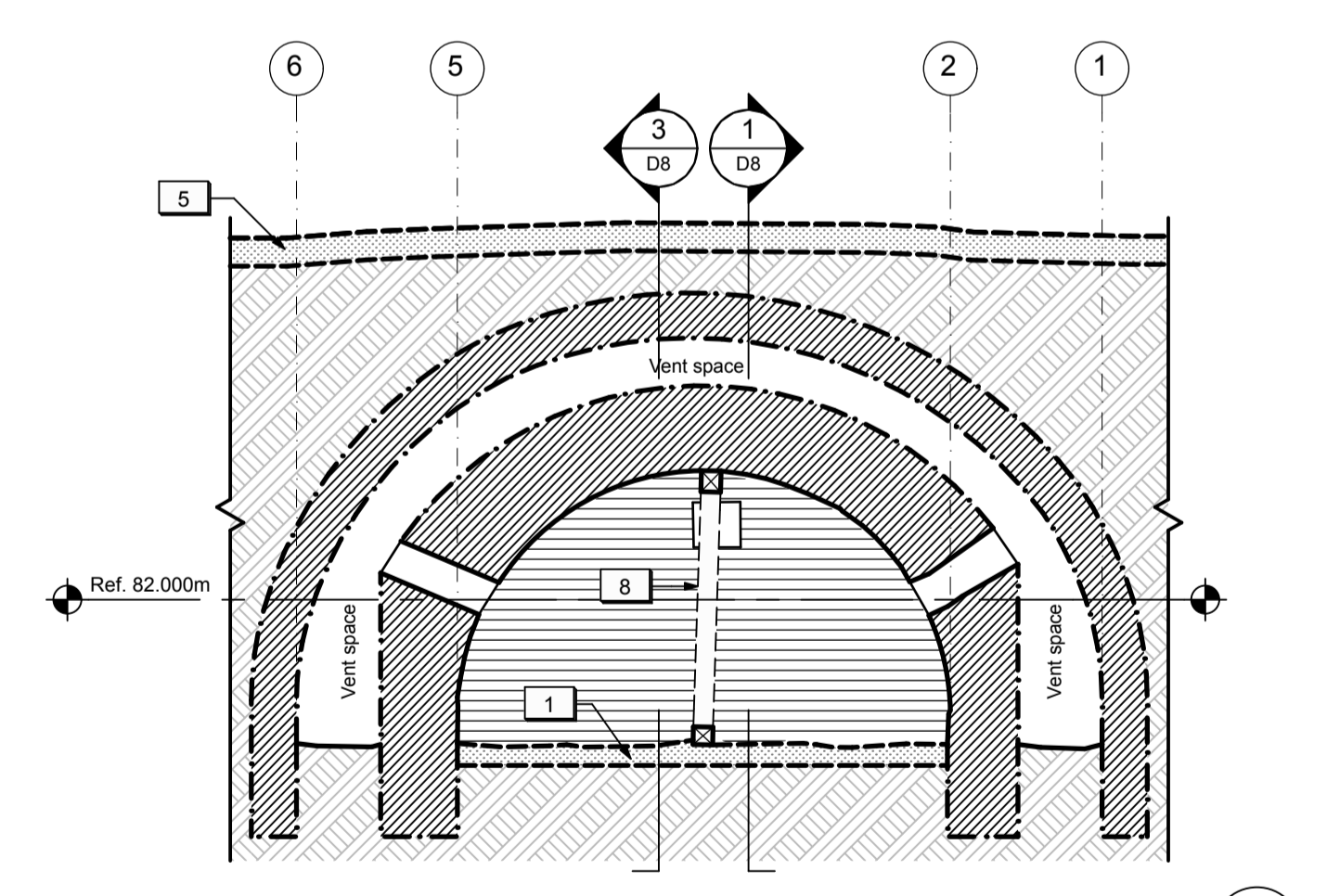
CROSS SECTION THROUGH VENT SPACE LOOKING WEST
2
D9



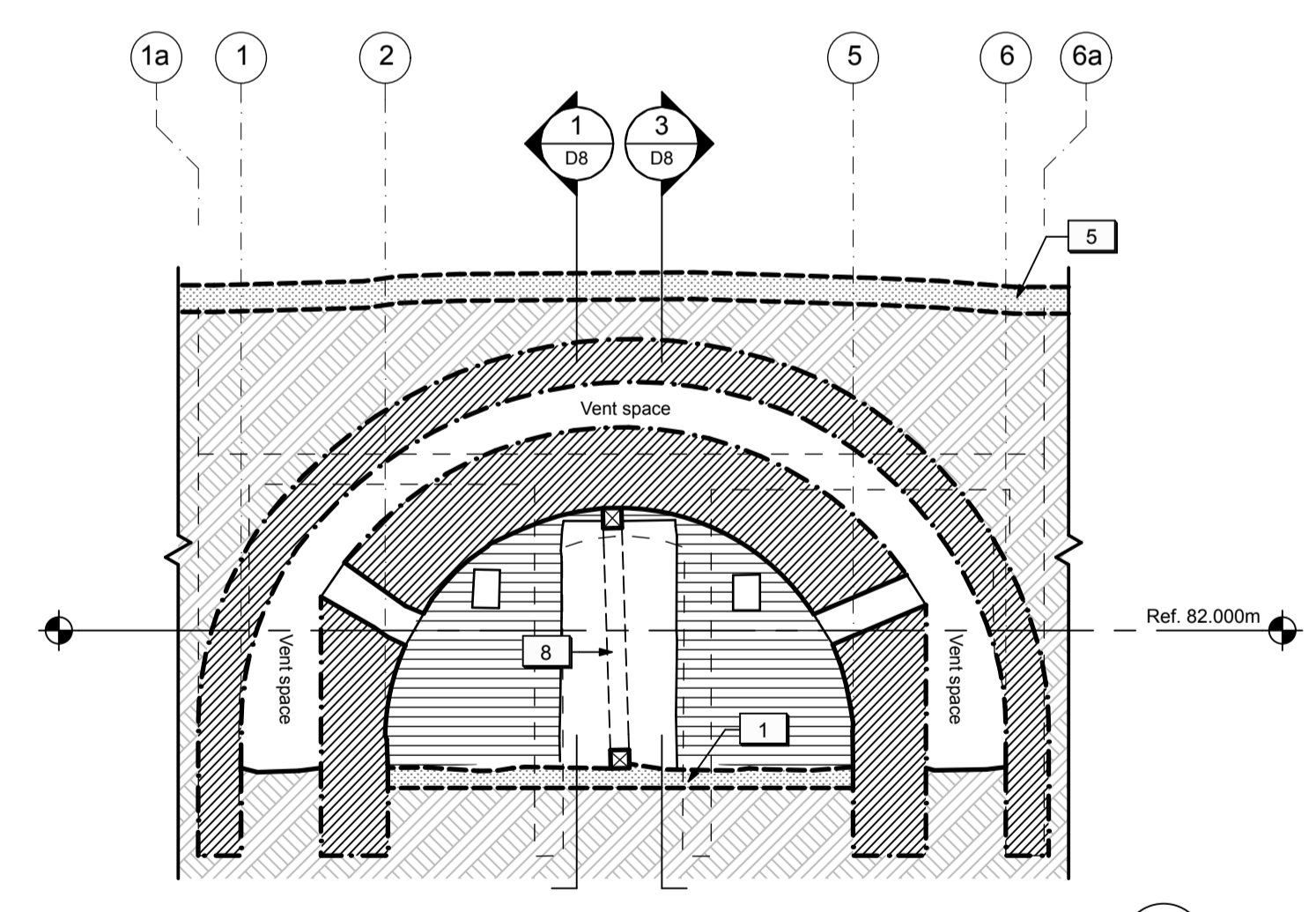
CROSS SECTION THROUGH WING WALLS
3
D9



CROSS SECTION THROUGH UNDERGROUND PASSAGeway
4
D9



CROSS SECTION THROUGH STORAGE VAULT LOOKING WEST
4
D9

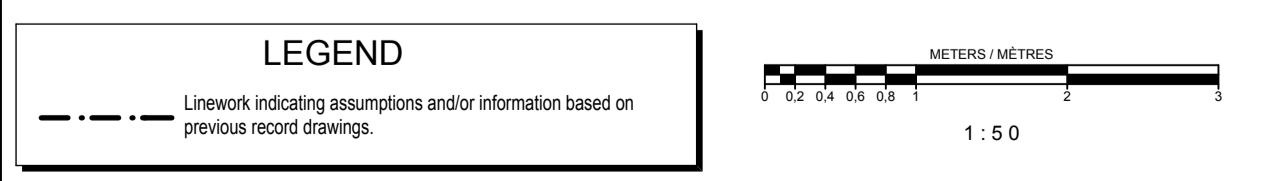


CROSS SECTION THROUGH STORAGE VAULT LOOKING EAST
5
D9

LEGEND (POWDER MAGAZINES):

	Existing earth to remain.		Existing masonry structure to remain.
	Shallow excavation unit.		Existing opening in masonry structure to be enlarged.
	Deep excavation unit. Provide temporary shoring as required.		

- DRAWING NOTES (POWDER MAGAZINES):
- Existing turf / soil to be excavated throughout Passageway and Storage Vault to a maximum of 150 mm deep. Refer to Landscape.
 - Existing stockpiled brick in North Powder Magazine to be removed/stored.
 - Reserved.
 - Existing turf / soil to be excavated to expose area of masonry failure in the outer vault structure.
 - Existing turf / soil to be excavated over underground storage vault to a maximum of 200mm deep. Refer to Landscape.
 - Reserved.
 - Existing soil to be excavated for new concrete strut beam below grade.
 - Existing wood shoring to be removed. Provide temporary support during excavation work.
 - Existing turf / soil to be excavated to expose existing masonry vent shafts.
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Linear dimensions in millimeters / Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client
Signature _____ Date _____
File No. / No. de dossier _____



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email: bpadolsky-architects.com

PARSONS
JOB NO. 60295
Type of Record / Type d'enregistrement
Project title / Titre du projet

Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

POWDER MAGAZINE (SOUTH) - SECTIONS & ELEVATIONS 2

Scale / Echelle
1:50

Drawn by / Dessine par
AC / ML
Date
2016.02.05

Field Recording by / Relevé-Terminé par
Date

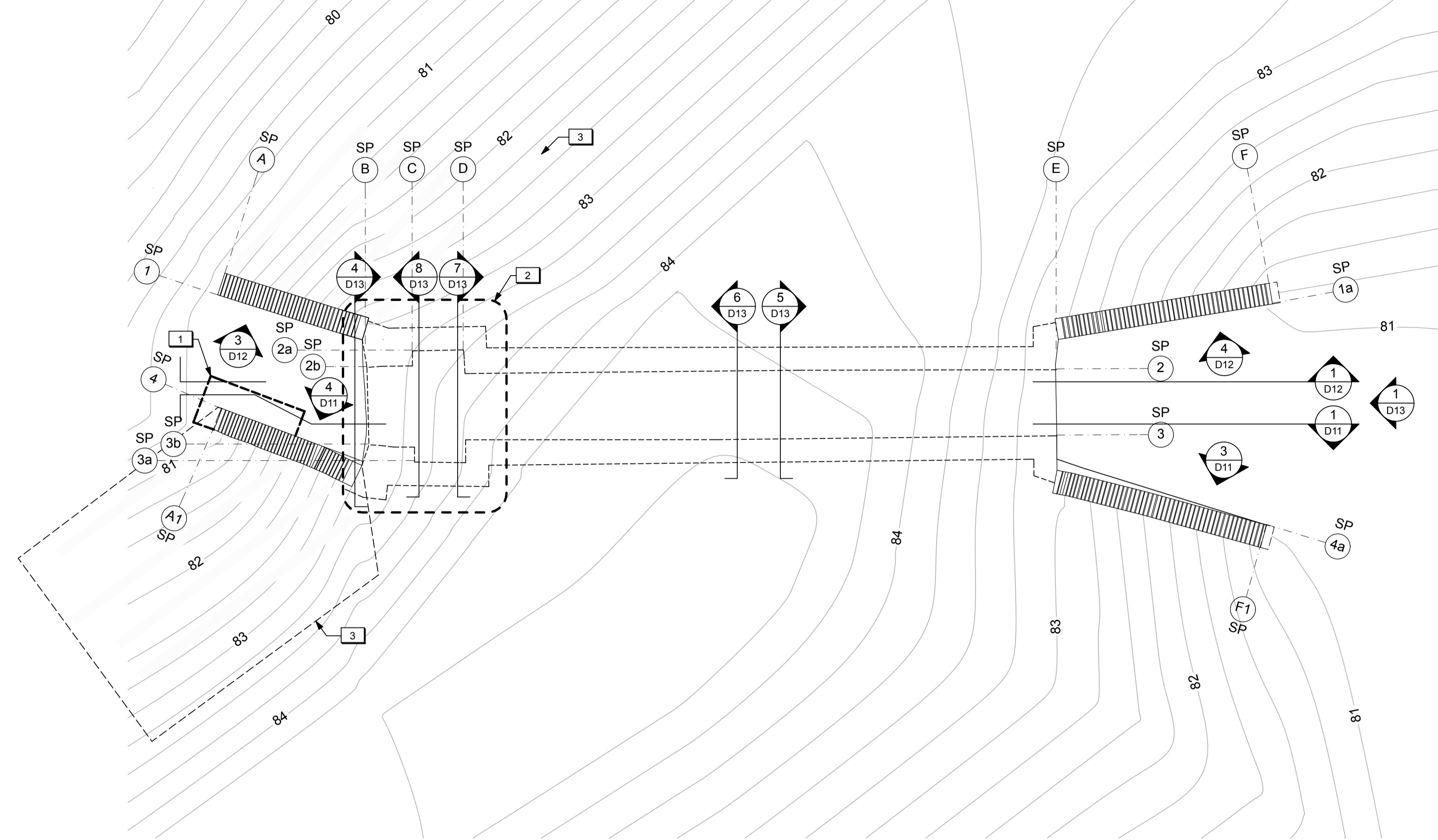
Approved by / Approuvé par
Date

Checked by / Vérifié par

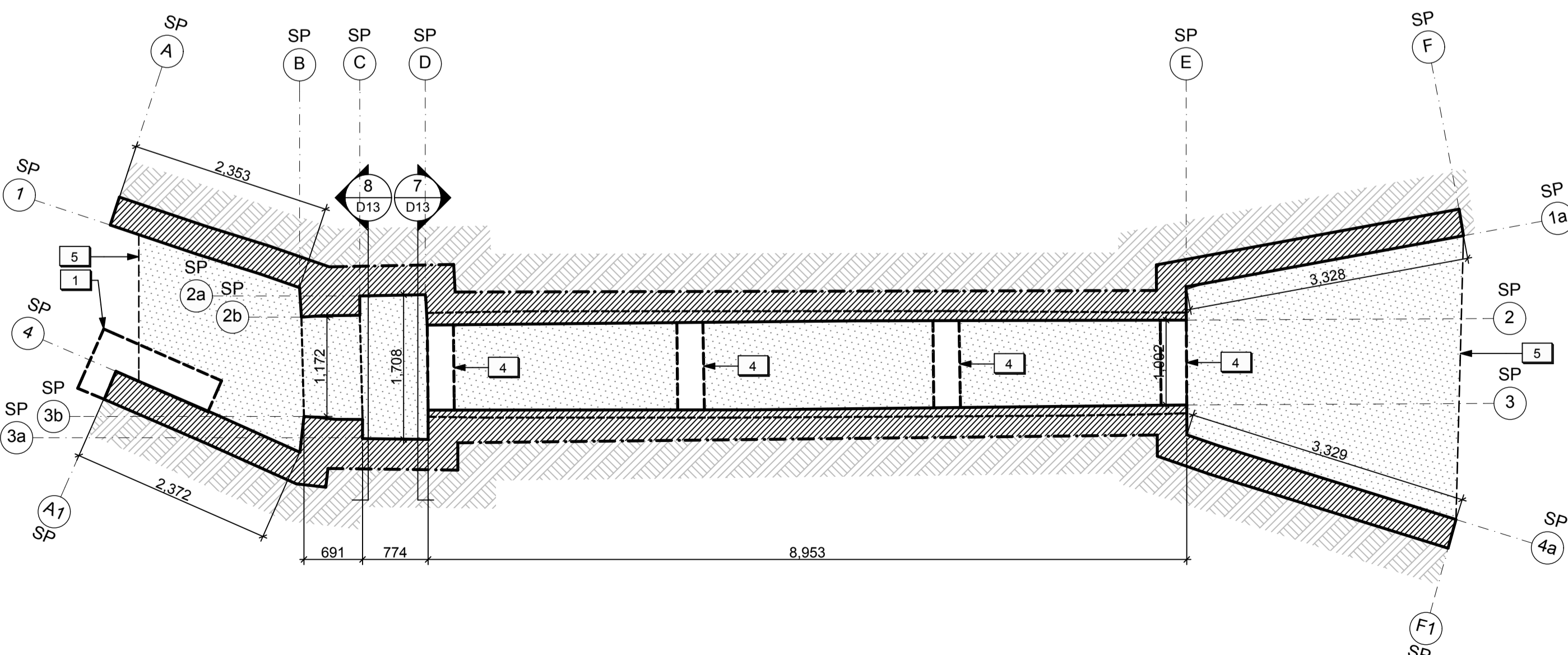
Project No. / No. du projet PRO 000808	Asset No. 1300164	Sheet No. / Feuille No. D9
Drawing Reference No./No. du Dessin		

Filename: /Volumes/Mother/2 PROJECT FILES/ACTIVE/FORT MISSISSAUGA/WORKING DRAWINGS/Main Entrance Gate WD.pln Plotted: 2016-05-12 9:43 AM

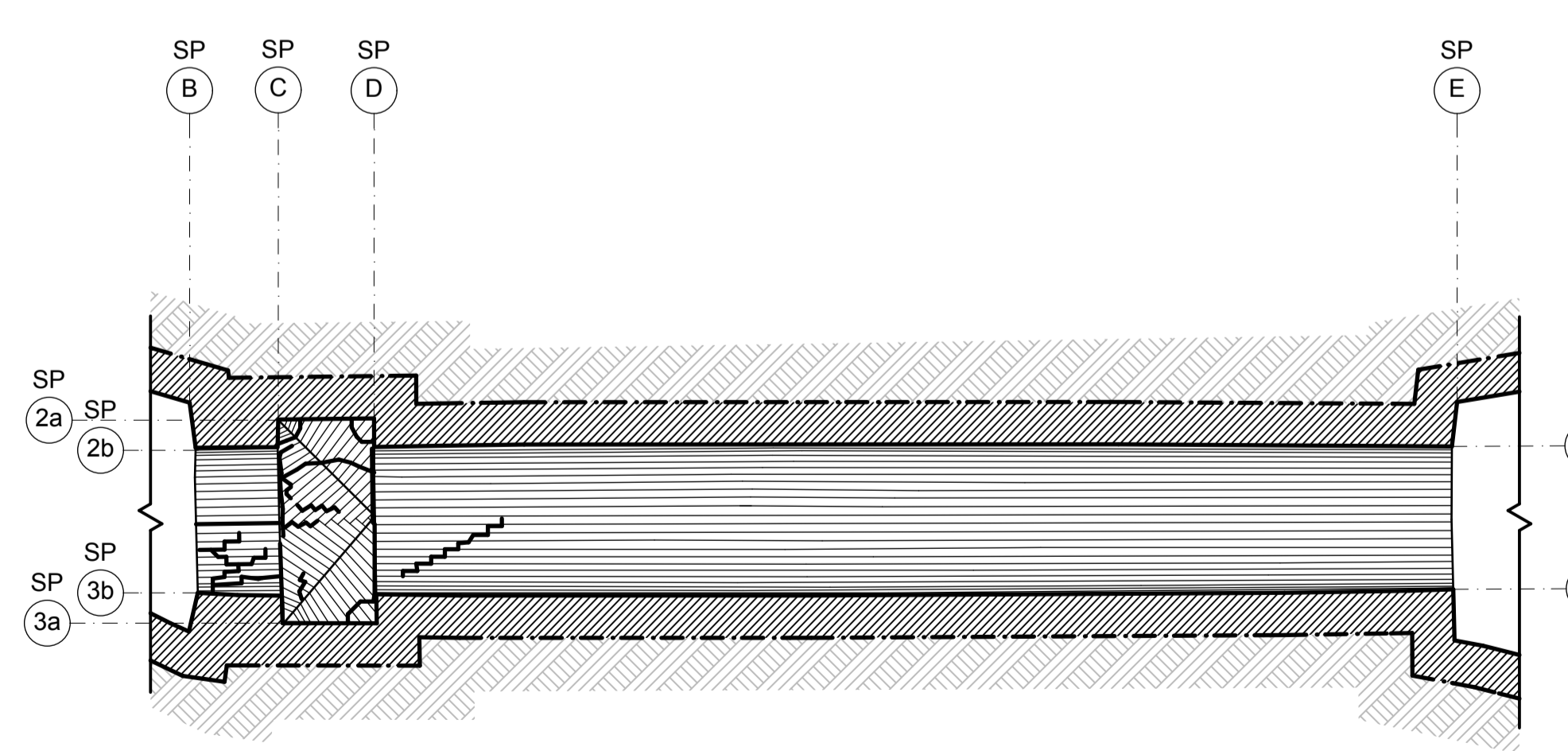
LEGEND
 - - - - - Linework indicating assumptions and/or information based on previous record drawings



SALLY PORT PLAN - TOP VIEW
 1:50 (1) D10



SALLY PORT PLAN
 1:50 (2) D10



SALLY PORT RCP
 1:50 (3) D10

- DRAWING NOTES (SALLY PORT)**
- Existing turf and soil to be excavated to allow for concrete footing repairs to the end portion of the west exterior wing wall. Refer to Structural.
 - Existing vegetation and soil to be excavated to allow for structural repairs to the topside of the Alcove and Entry Wall masonry structures. Refer to Architectural and Structural.
 - Existing vegetation and soil to be excavated to allow for new log cribs. Refer to Landscape.
 - Existing soil to be excavated to allow for new concrete strut beams below grade. Refer to Structural.
 - Existing turf and soil to be excavated for new horizontal insulation and stone dust.



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A Detail number A Numero de detail
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Linear dimensions in millimeters Dimensions lineaires en millimetres

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FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

SALLY PORT PLANS (EXCAVATIONS & REMOVALS)

Scale / Echelle
 1:50

Drawn by / Dessine par AC/ML Date 2016-05-12

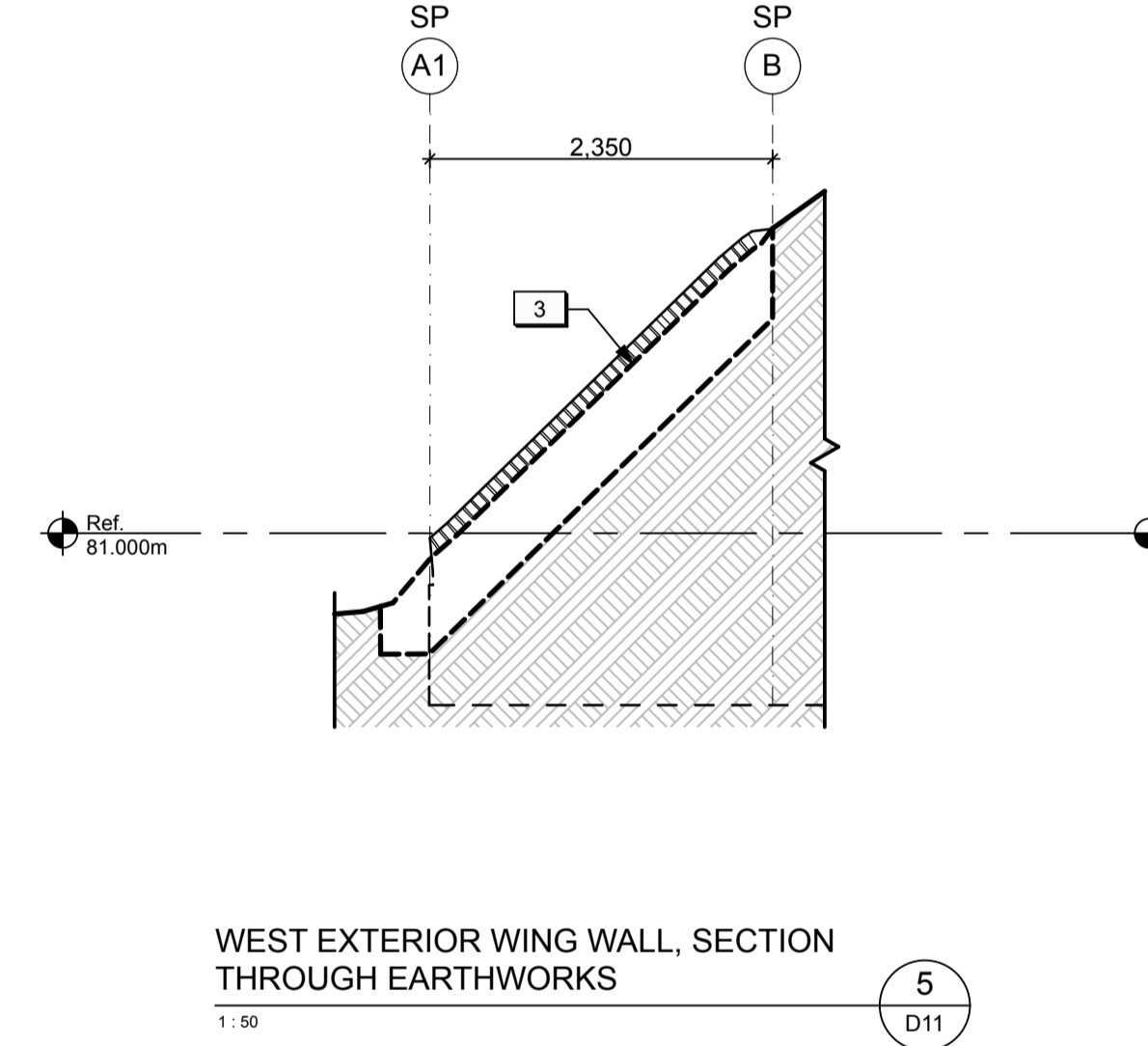
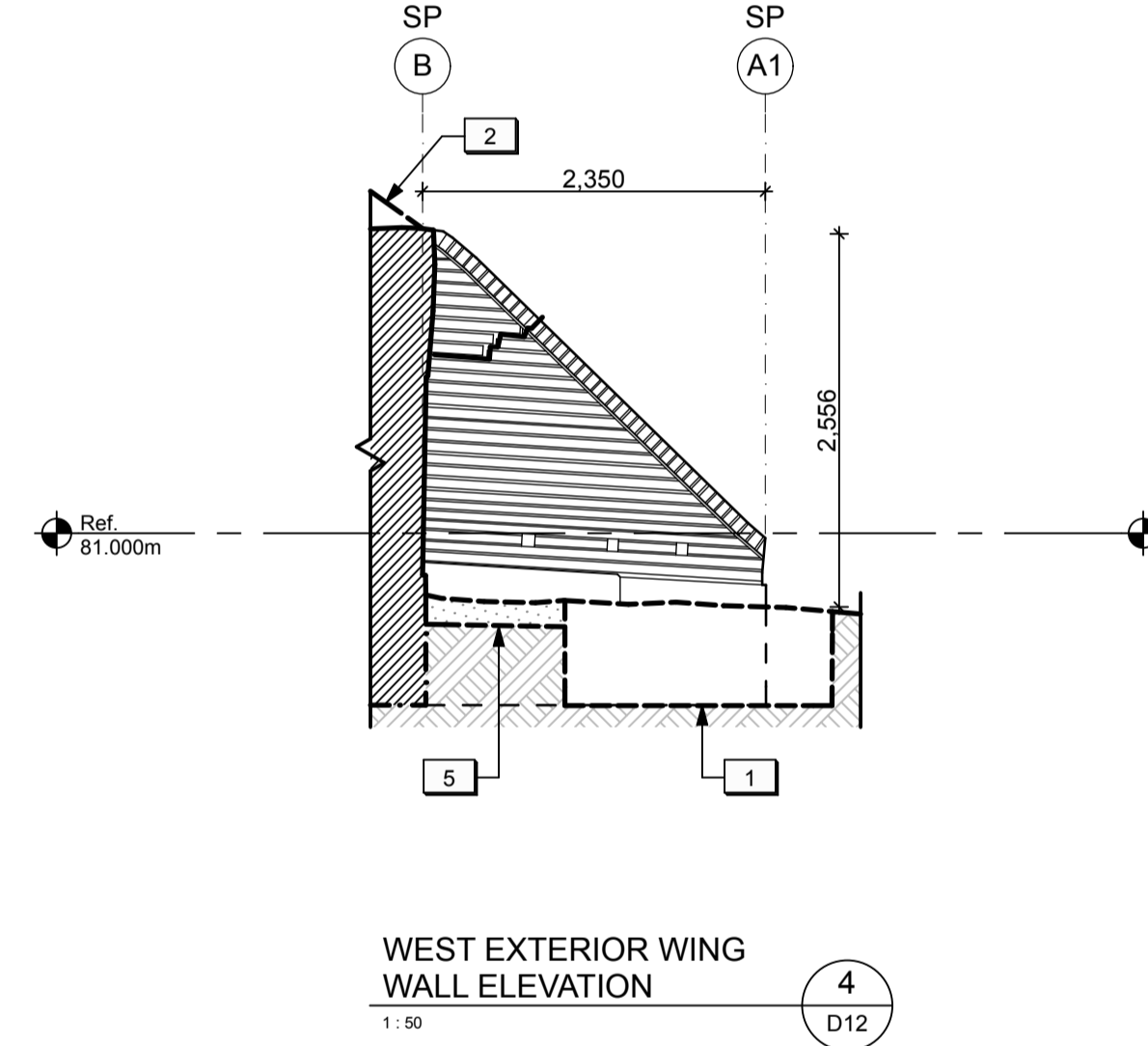
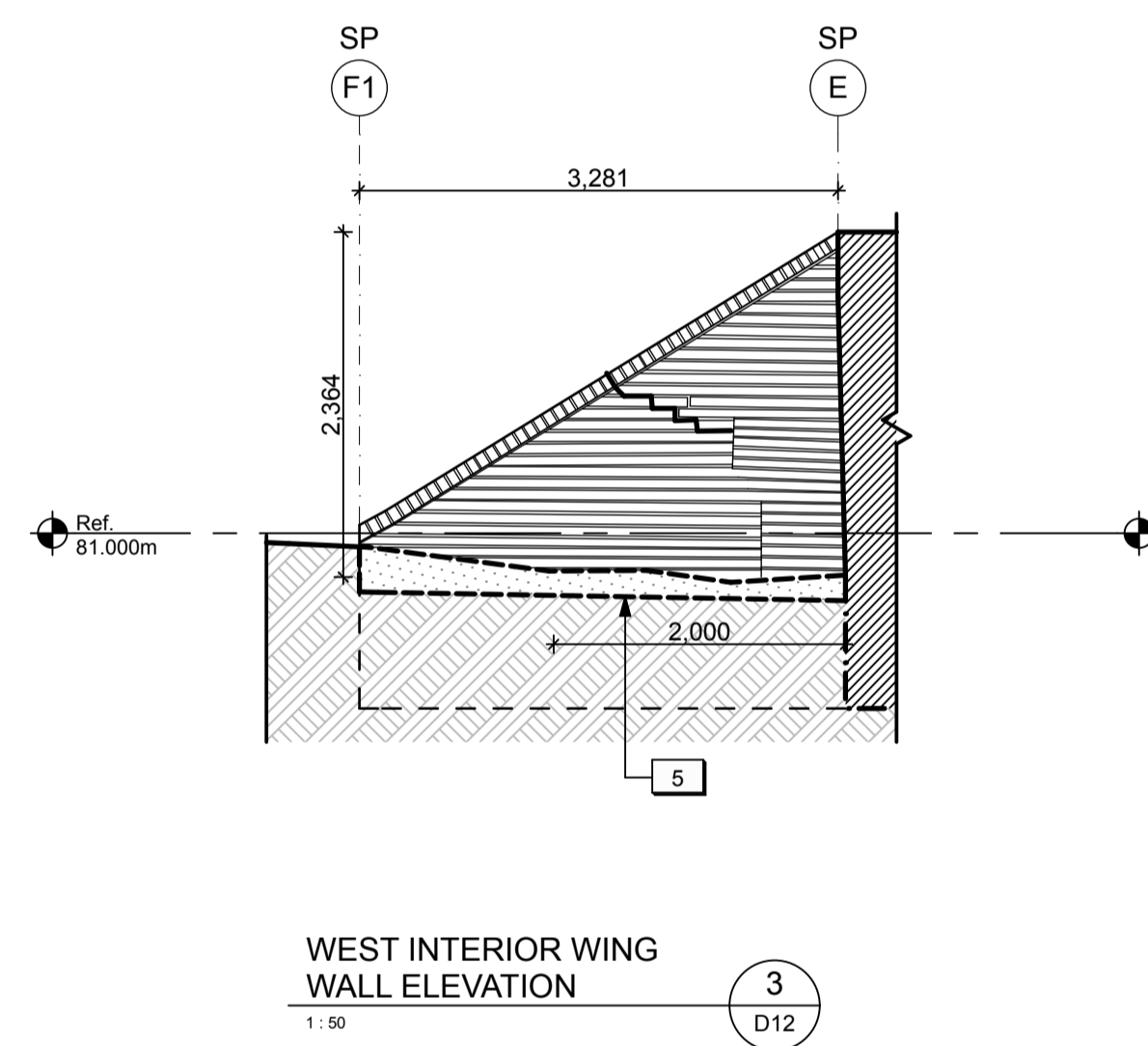
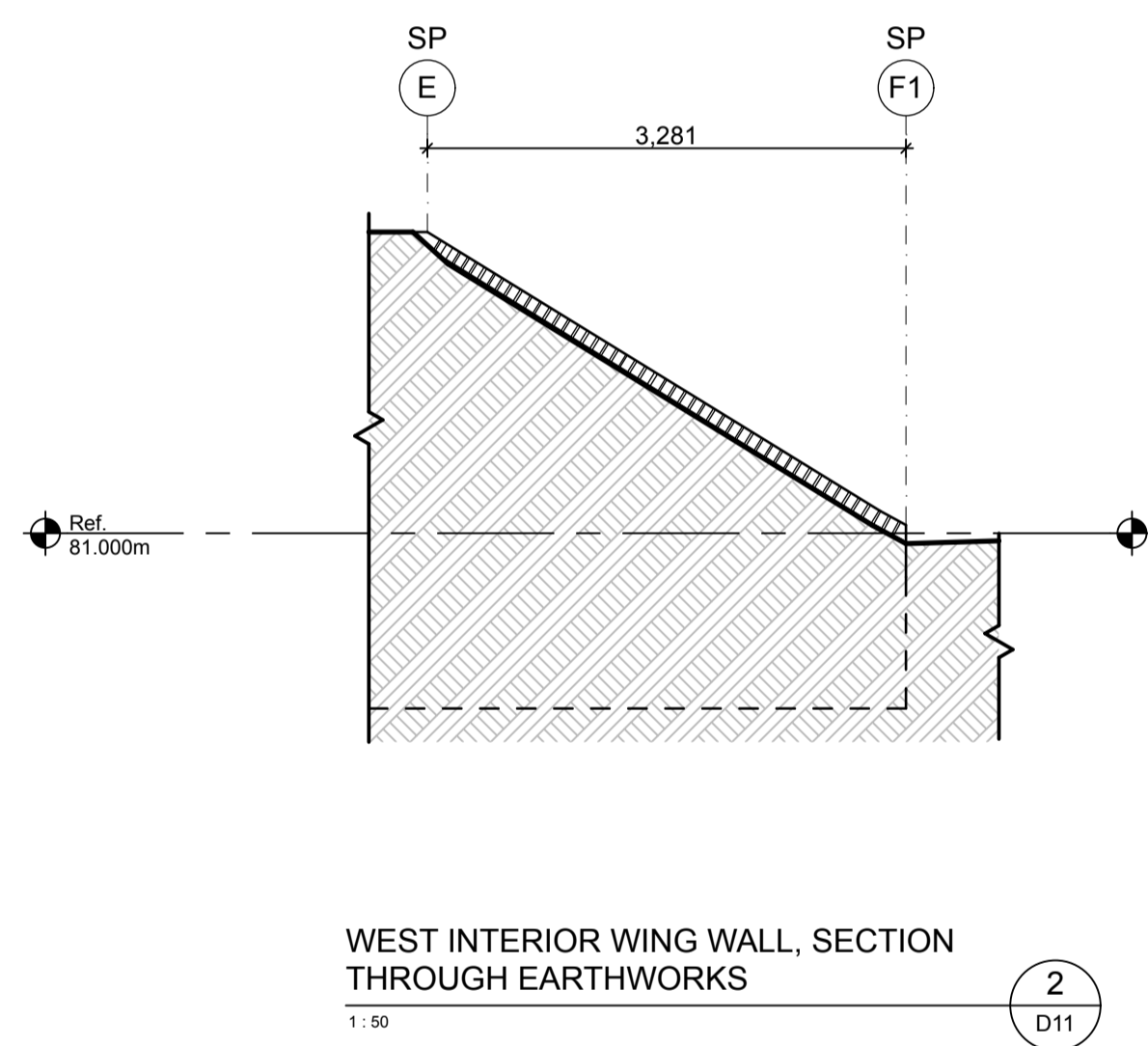
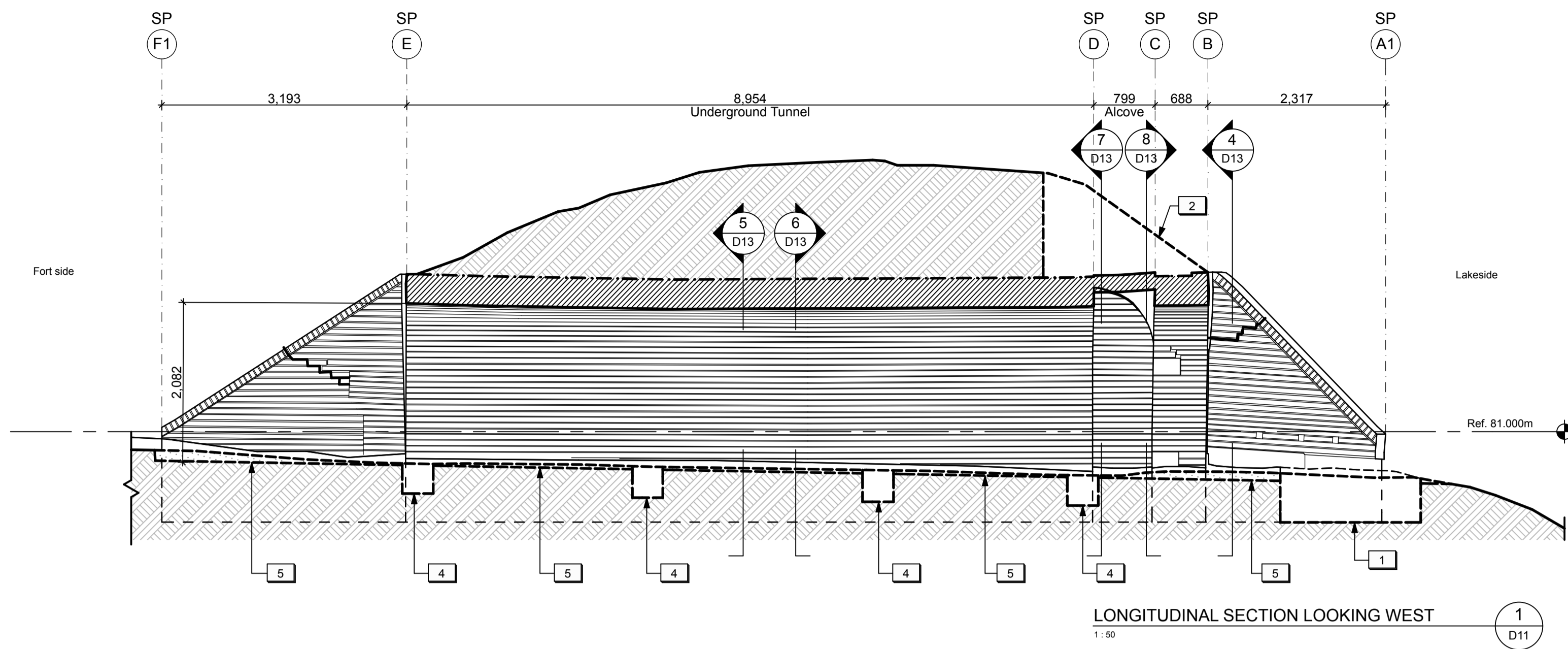
Field Recording by / Relevé-Terminé par Date

Approved by / Approuvé par Date

Checked by / Vérifié par

Project No. / No. du projet PRO 000808 Asset No. 1300182 Sheet No. / Feuille No. D10
 Drawing Reference No. / No. du Dessin

Filename: /Volumes/Mother/2 PROJECT FILES/ACTIVE/FORT MISSISSAUGAZ DRAWINGS/03 WORKING DRAWINGS/Main Entrance Gate WD.plt Plotted: 2016-05-12 9:43 AM



LEGEND (SALLY PORT):

- Existing sub-grade to remain.
- Shallow excavation unit.
- Deep excavation unit. Provide temporary shoring as required.
- Existing masonry structure to remain.

DRAWING NOTES (SALLY PORT)

1. Existing turf and soil to be excavated to allow for concrete footing repairs to the end portion of the west exterior wing wall. Refer to Structural.
2. Existing vegetation and soil to be excavated to allow for structural repairs to the topside of the Alcove and Entry Wall masonry structures. Refer to Architectural and Structural.
3. Existing vegetation and soil to be excavated to allow for new log cribs. Refer to Landscape.
4. Existing soil to be excavated to allow for new concrete strut beams below grade. Refer to Structural.
5. Existing turf and soil to be excavated for new horizontal insulation and stone dust.



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File No. / No. de dossier _____



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email@padolsky-architects.com

PARSONS
JOB NO. 60295
Type of Record / Type d'enregistrement
-

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
SALLY PORT SECTIONS & ELEVATIONS 1 (EXCAVATIONS & REMOVALS)

Scale / Echelle
1:50
Drawn by / Dessine par
AC/ML Date
2016-05-12

Field Recording by / Releve-Terminé par
Date

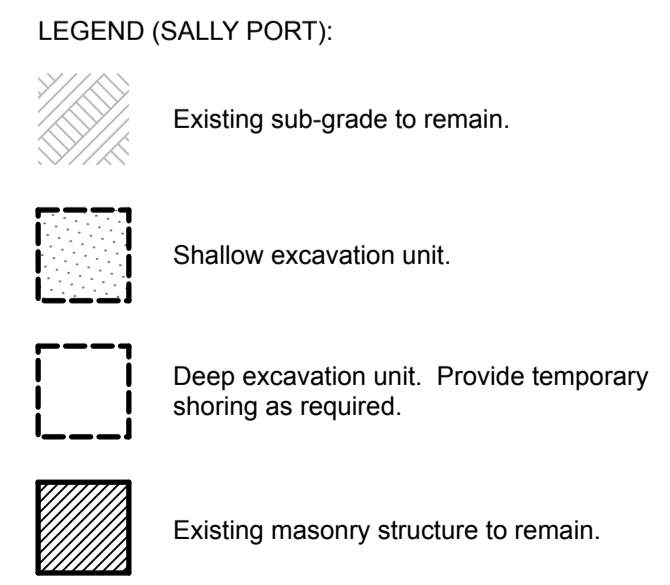
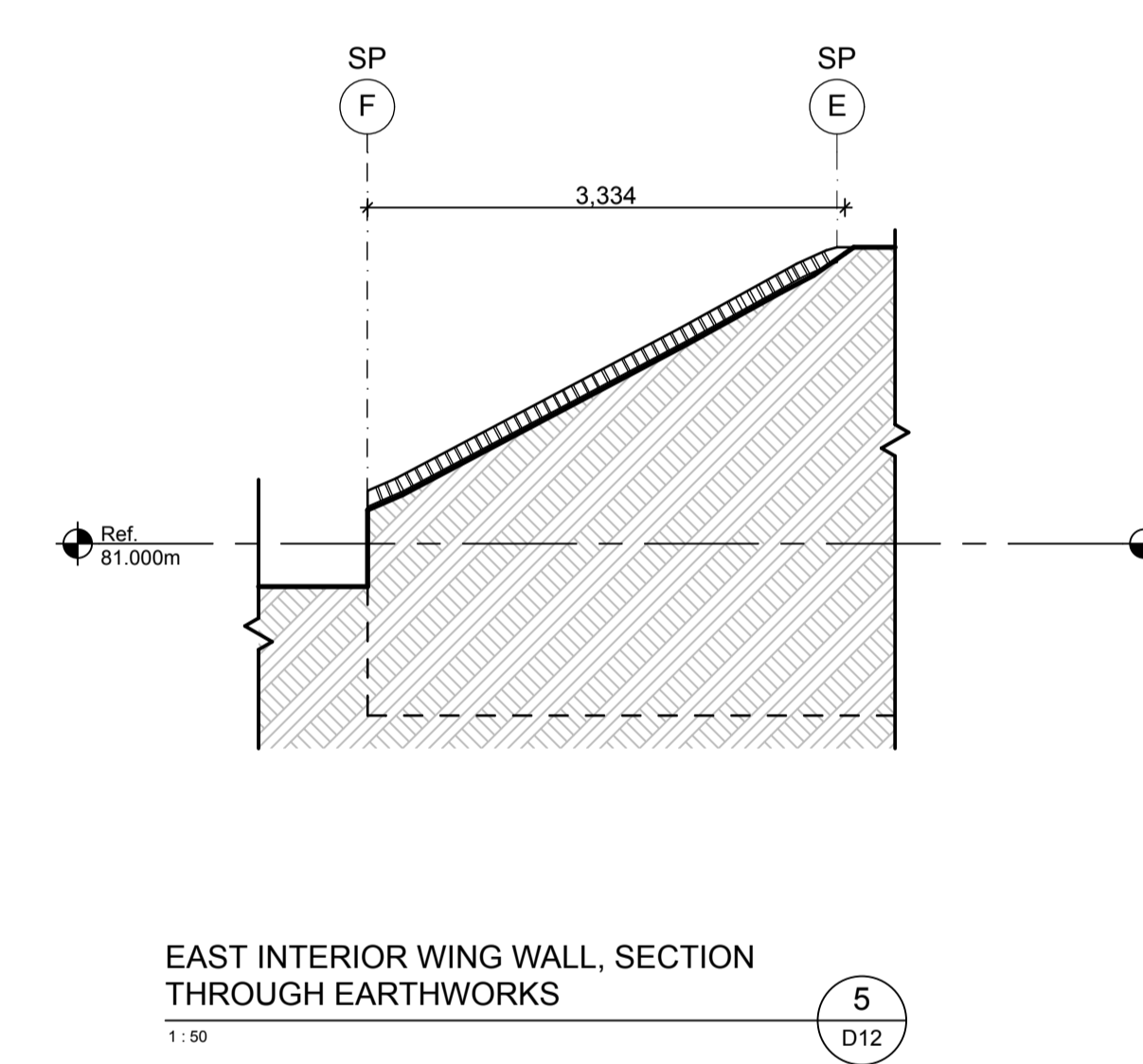
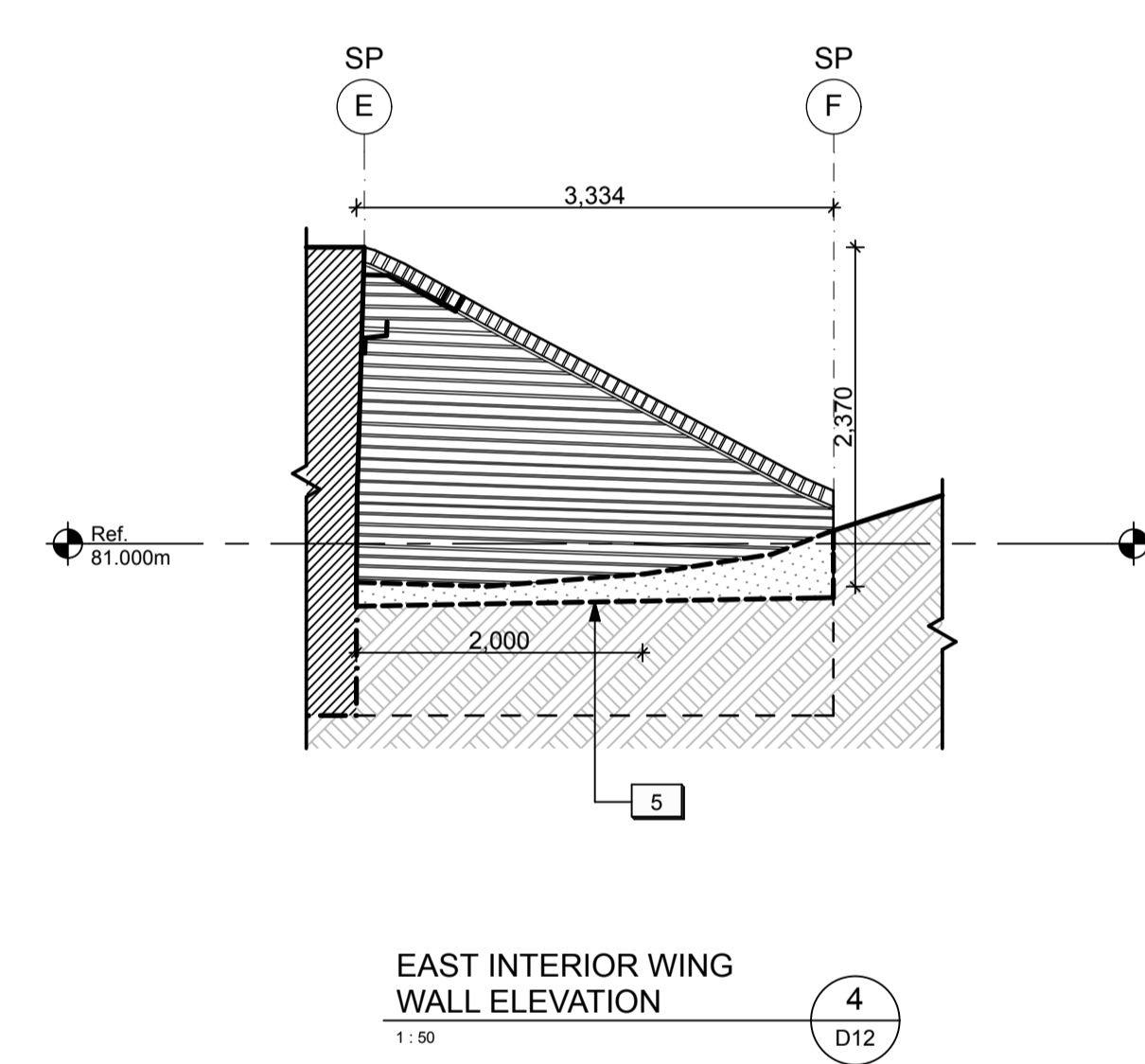
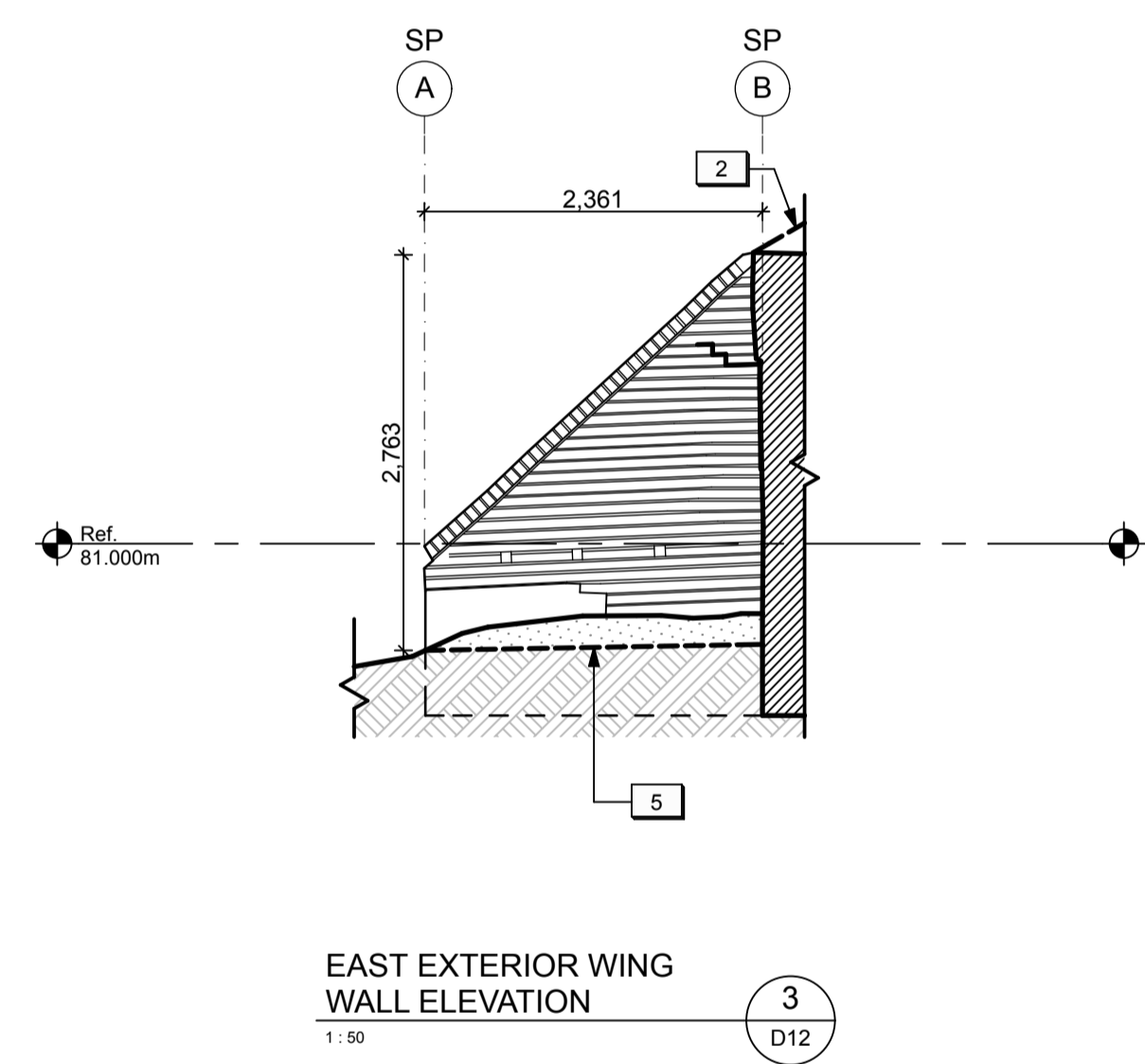
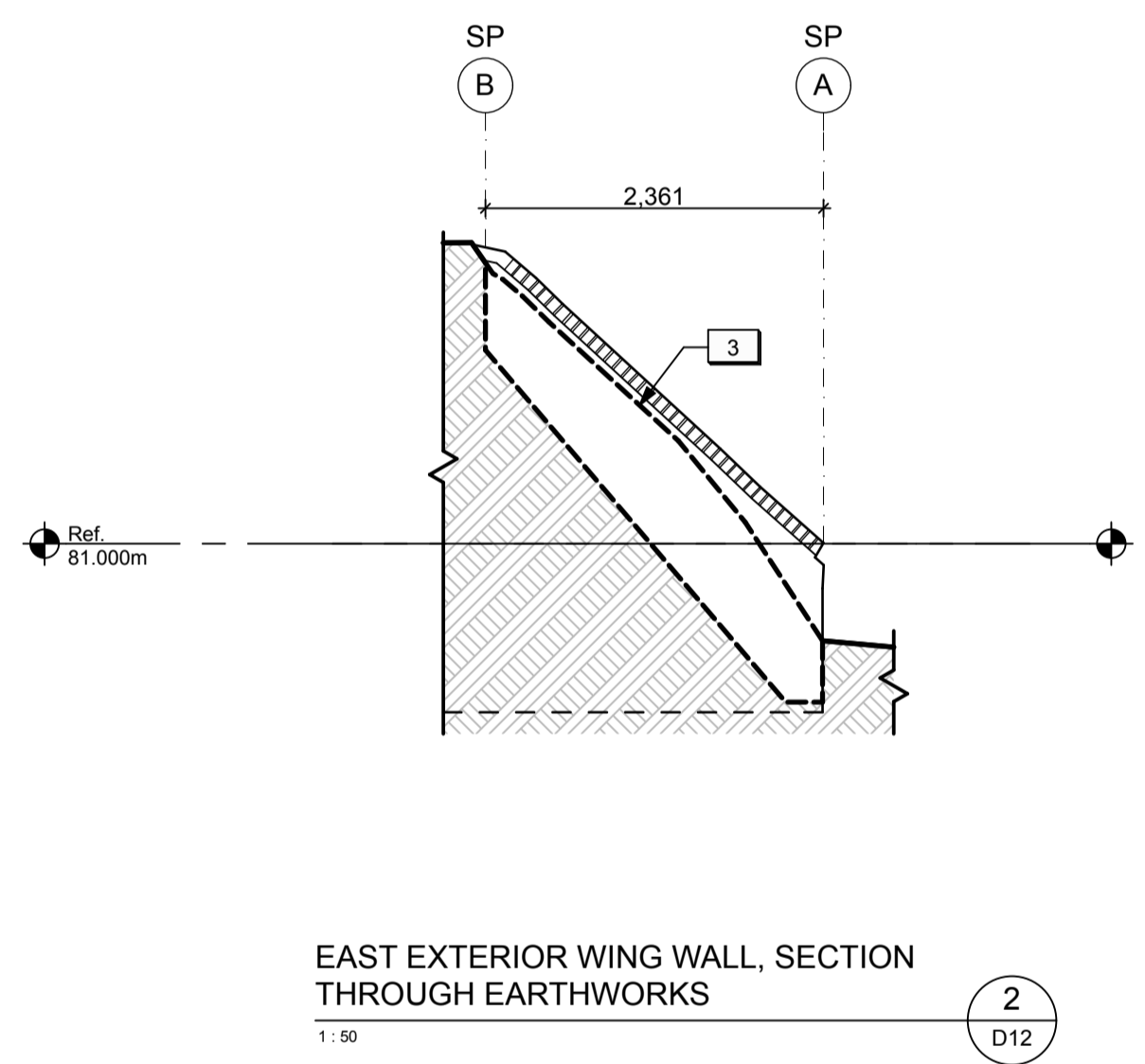
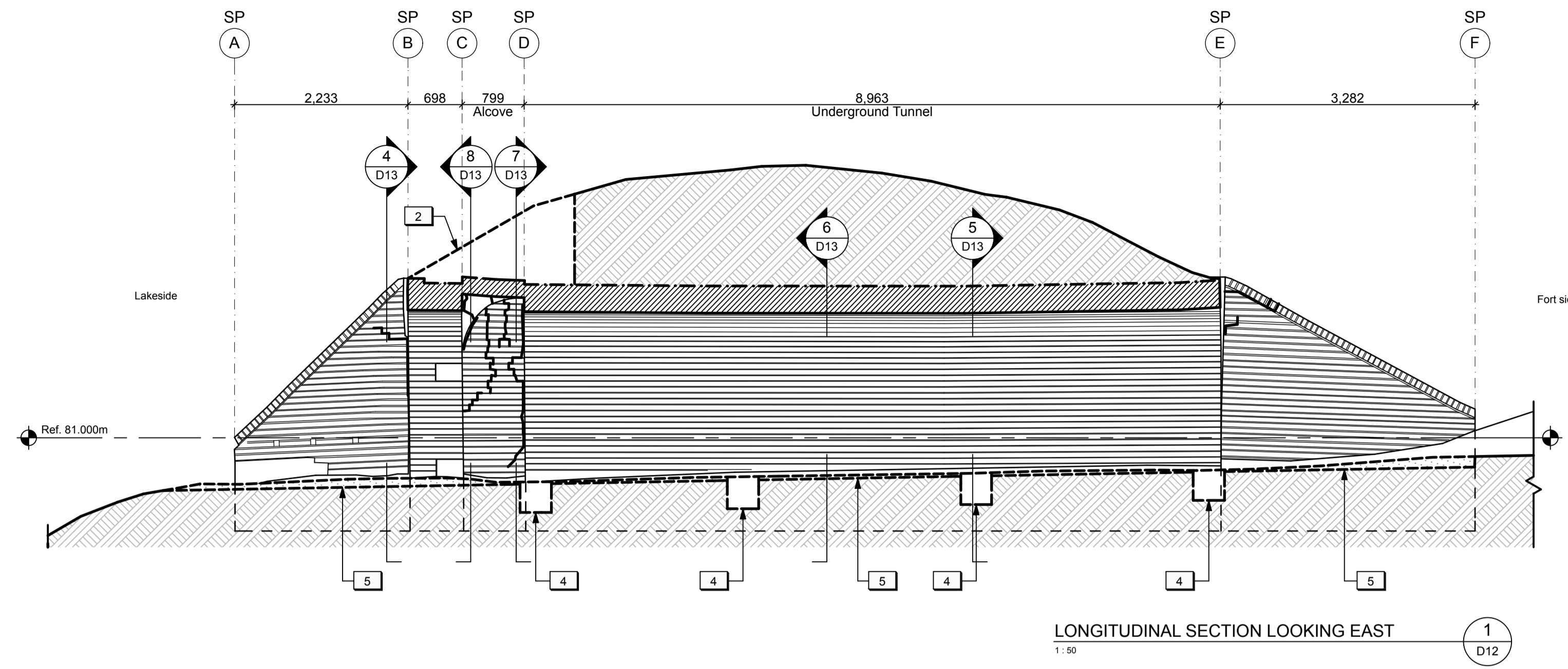
Approved by / Approuve par
Date

Checked by / Verifie par

Project No. / No. du projet
PRO 000808
Asset No.
1300182
Sheet No. / Feuille No.
D11

Drawing Reference No./No. du Dessin

Filename: \\Volume\Mother\2 PROJECT FILES\ACTIVE\FORT MISSISSAUGA\DRAWINGS\03 WORKING DRAWINGS\Main Entrance Gate WD.plt Plotted: 2016-05-12 9:43 AM



- DRAWING NOTES (SALLY PORT)**
- Existing turf and soil to be excavated to allow for concrete footing repairs to the end portion of the west exterior wing wall. Refer to Structural.
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 - Existing vegetation and soil to be excavated to allow for new log cribs. Refer to Landscape.
 - Existing soil to be excavated to allow for new concrete strut beams below grade. Refer to Structural.
 - Existing turf and soil to be excavated for new horizontal insulation and stone dust.

LOUISE A. McGUIRE
LICENCE
4177

04	Issued for tender	2016/05/12
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A B	A Detail number B Sheet number	A Numero de detail B Sur feuille numero
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File No. / No. de dossier _____

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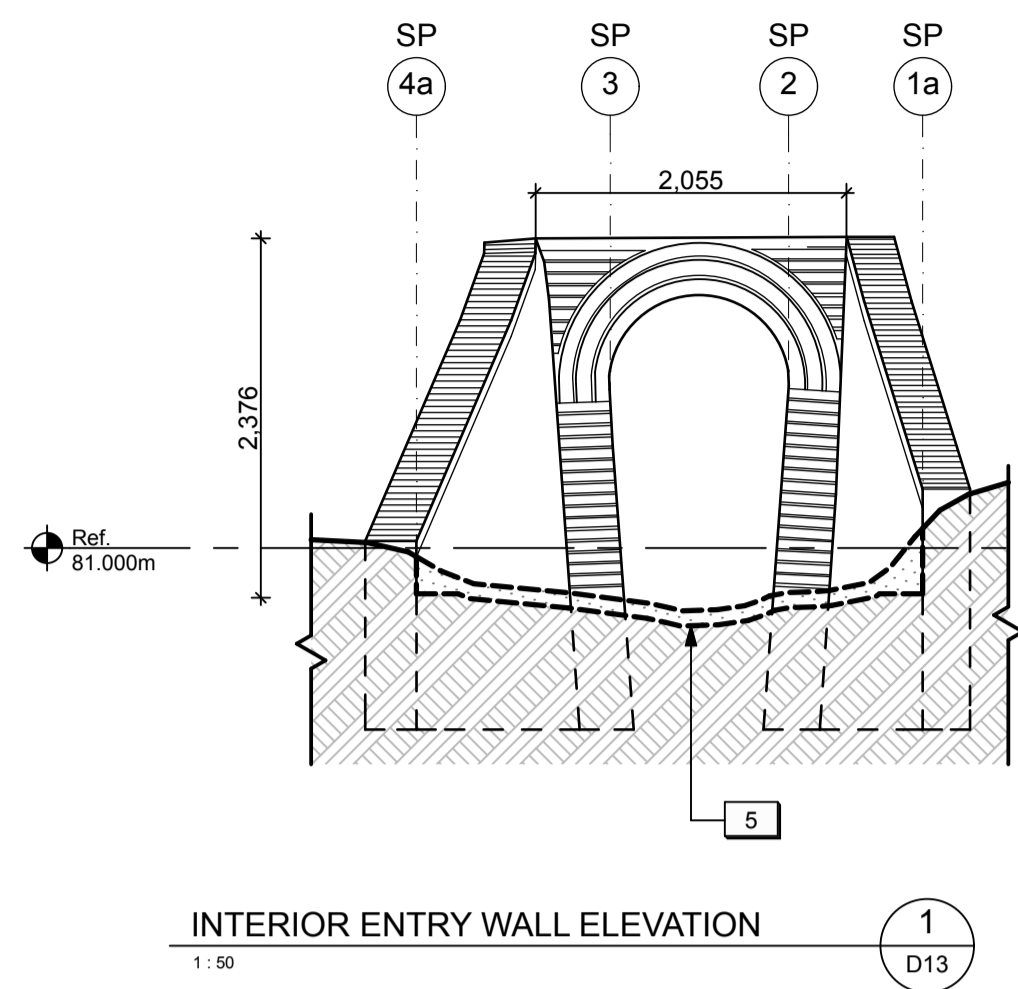
BARRY PADOLSKY ASSOCIATES INC. ARCHITECTS
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Tel: (613) 241-7198 Fax: (613) 241-9762
email@padolsky-architects.com

825 Cochrane Drive
Suite 500
Markham, ON
L3R 9B3

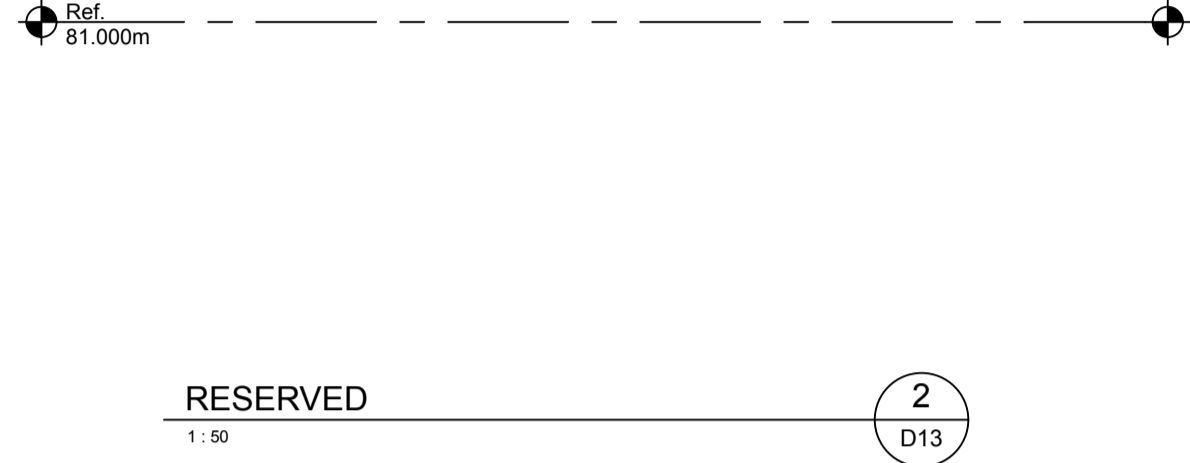
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Type of Record / Type d'enregistrement
Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II
Drawing title / Titre du dessin
SALLY PORT SECTIONS & ELEVATIONS 2 (EXCAVATIONS & REMOVALS)
Scale / Echelle
1:50
Drawn by/ Dessine par
AC/ML
Date
2016-05-12
Field Recording by / Relevé-Terminé par
Approved by / Approuvé par
Checked by/ Vérifié par
Project No./ No. du projet
PRO 000808
Asset No.
1300182
Sheet No./ Feuille No.
D12

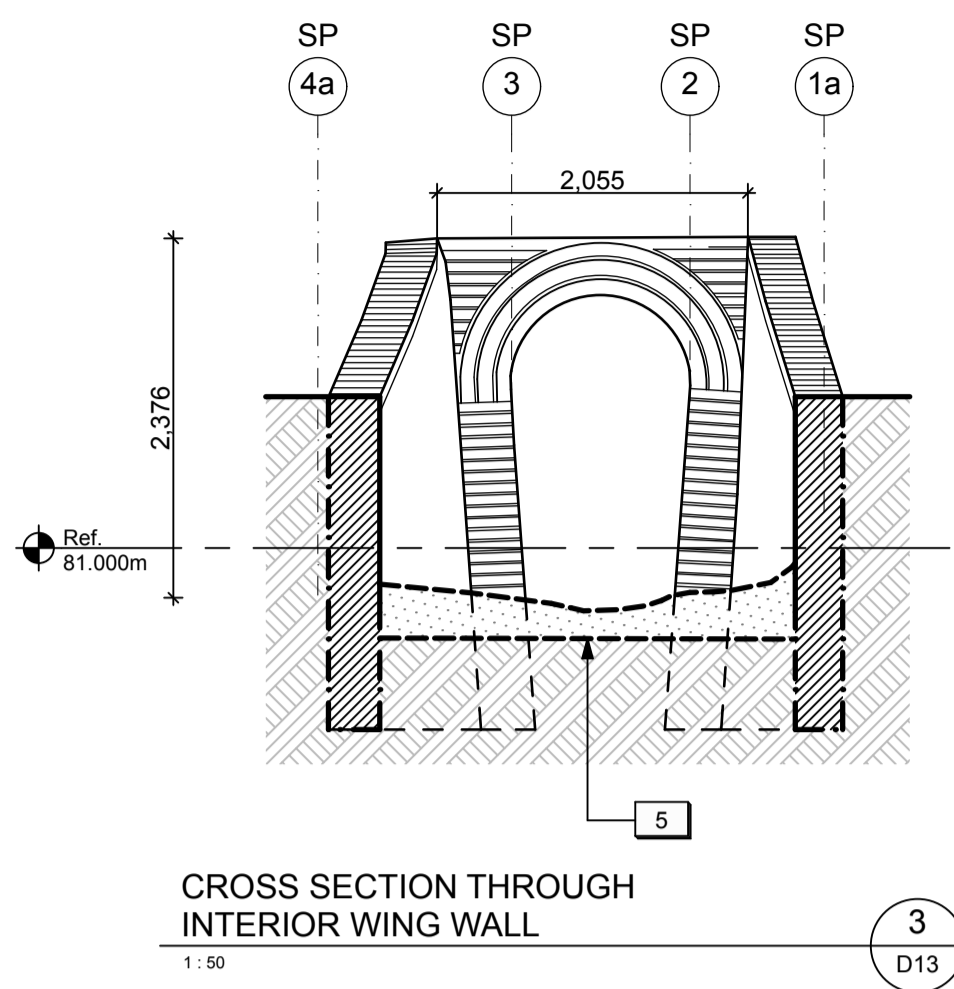
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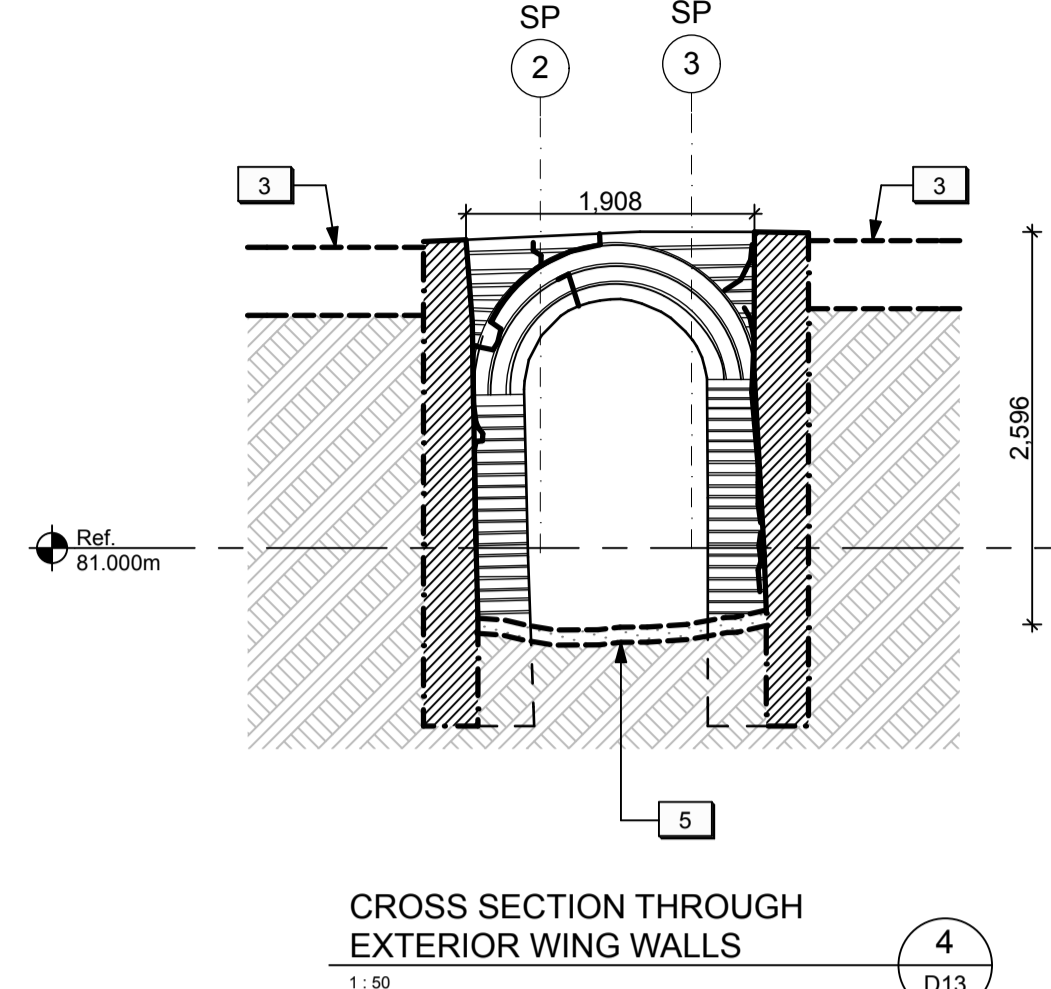
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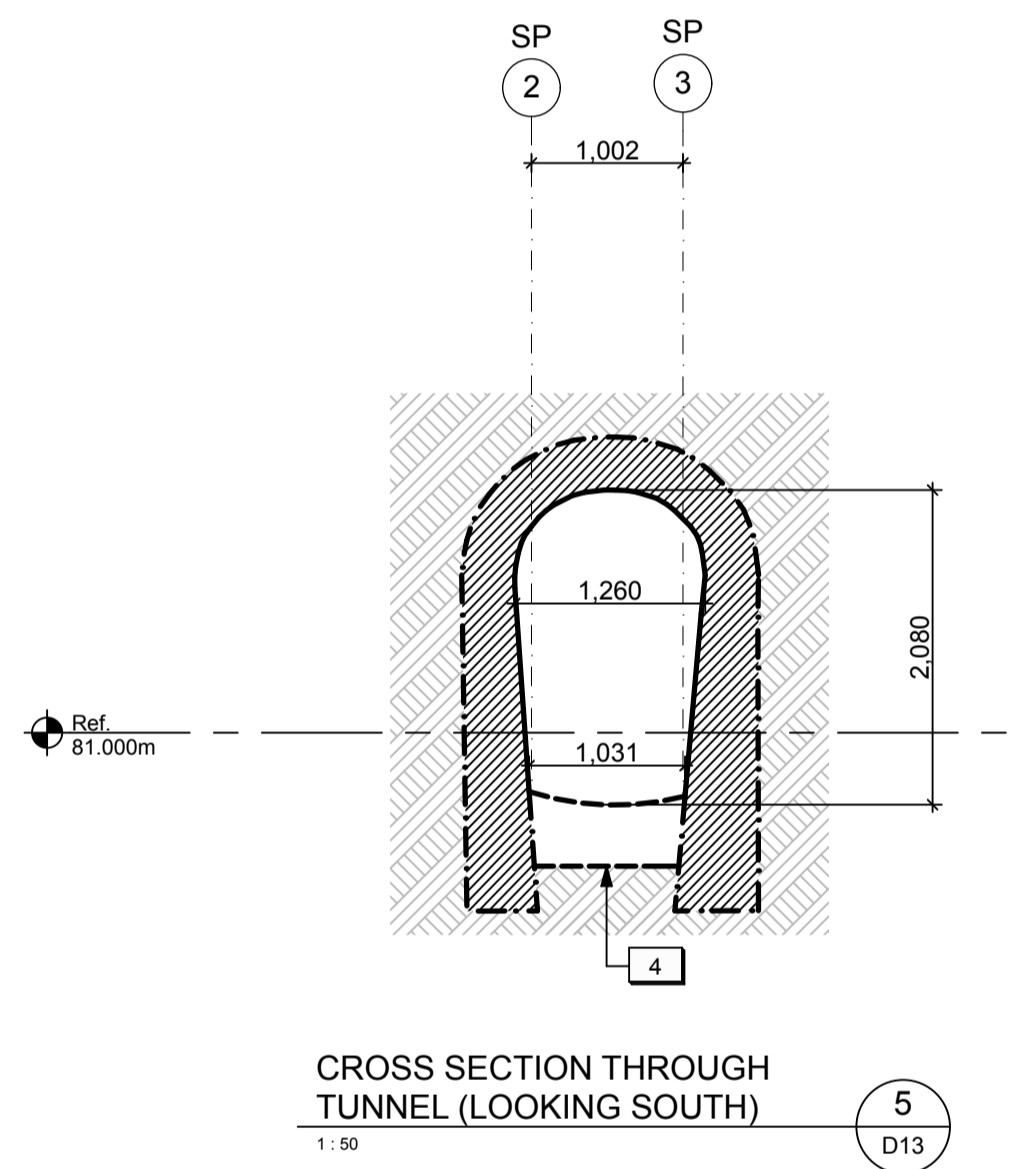
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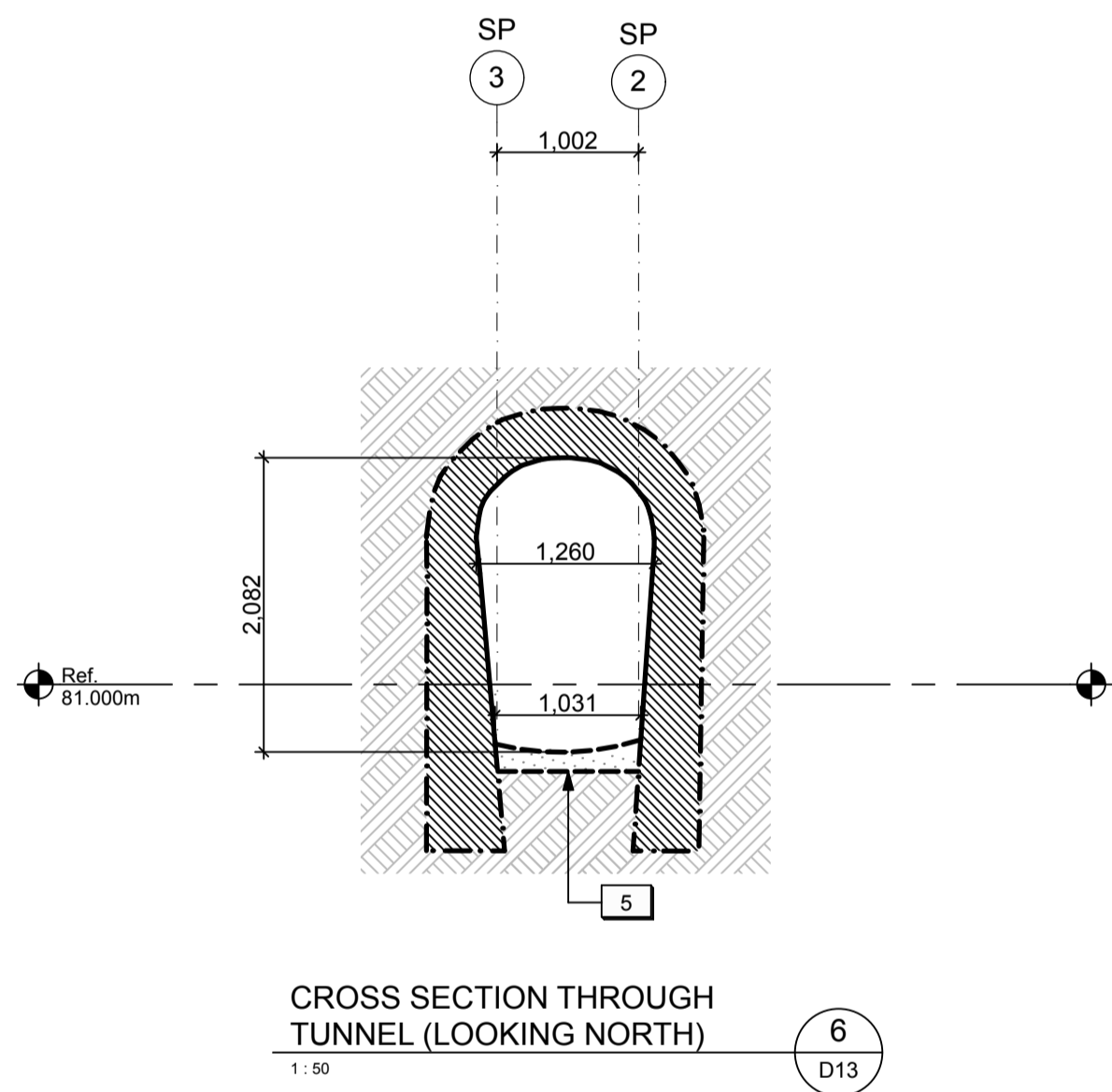
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1:50



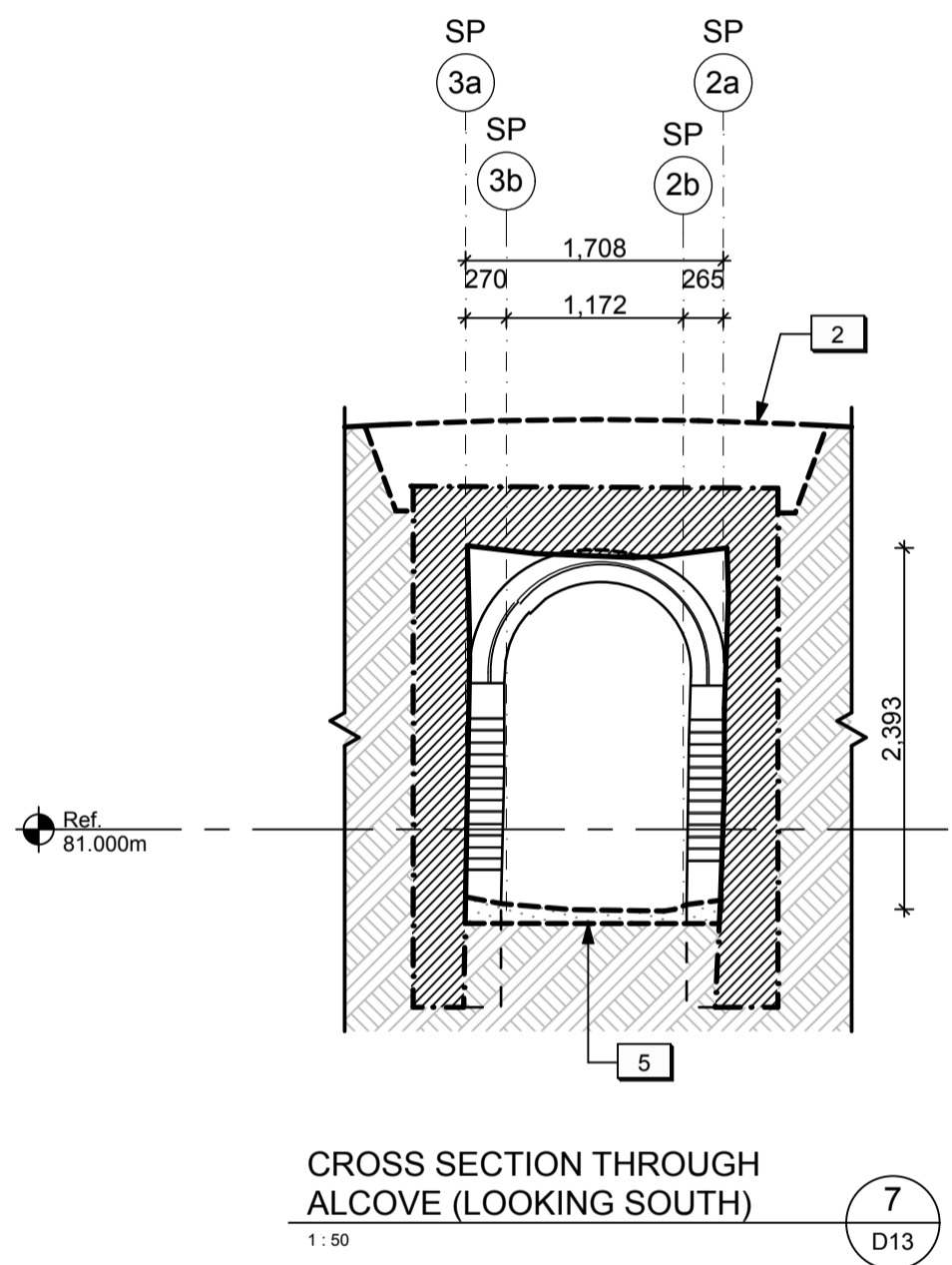
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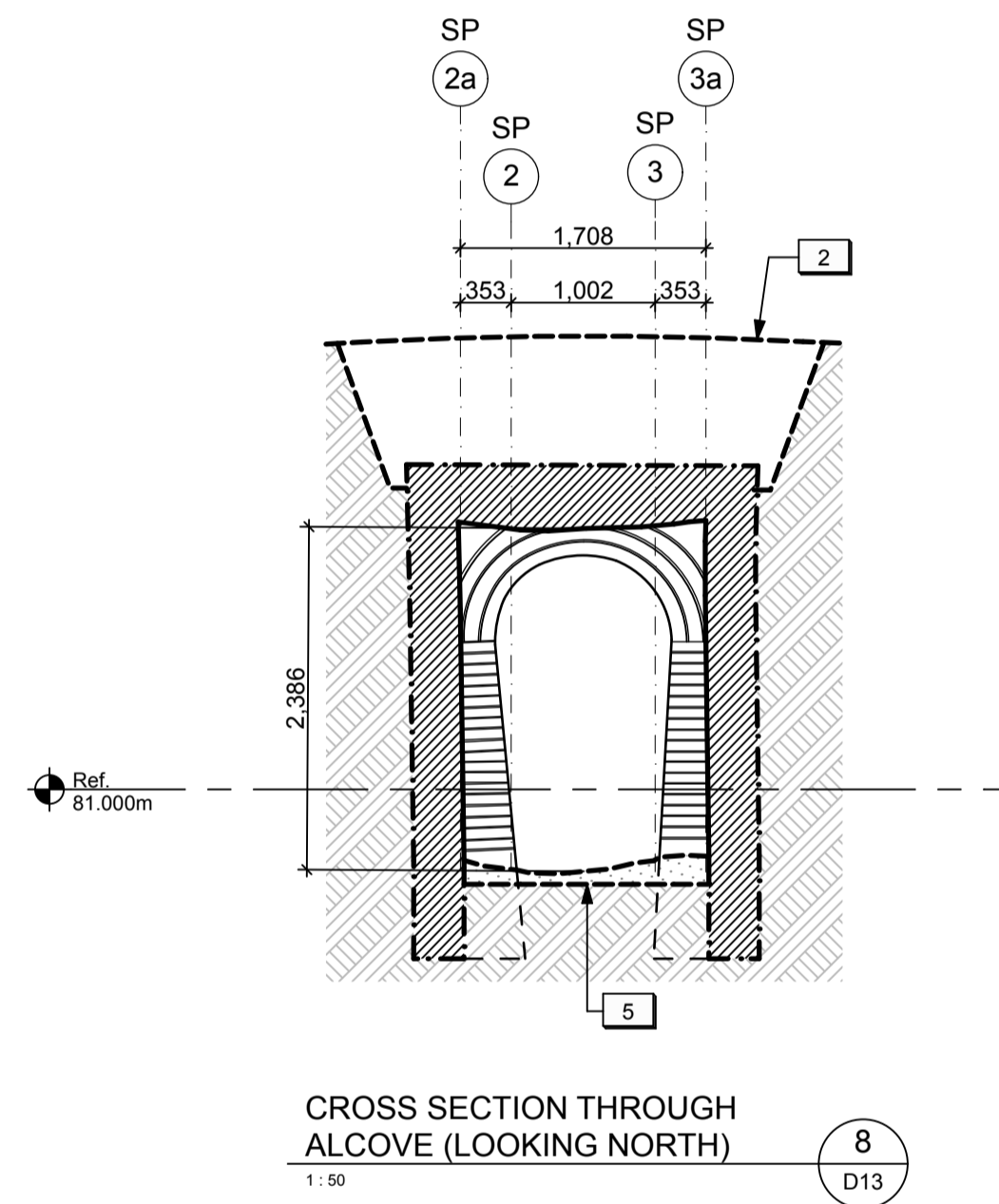
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1:50



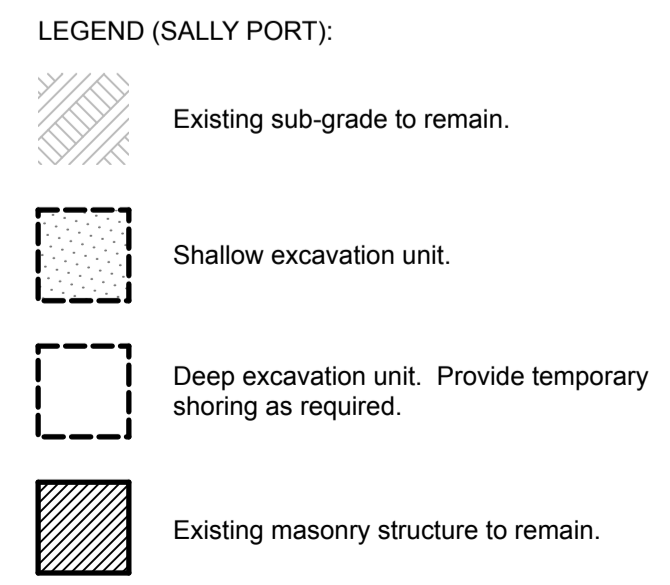
CROSS SECTION THROUGH TUNNEL (LOOKING NORTH) (6) D13
1:50



CROSS SECTION THROUGH ALCOVE (LOOKING SOUTH) (7) D13
1:50



CROSS SECTION THROUGH ALCOVE (LOOKING NORTH) (8) D13
1:50



- DRAWING NOTES (SALLY PORT)
- Existing turf and soil to be excavated to allow for concrete footing repairs to the end portion of the west exterior wing wall. Refer to Structural.
 - Existing vegetation and soil to be excavated to allow for structural repairs to the topside of the Alcove and Entry Wall masonry structures. Refer to Architectural and Structural.
 - Existing vegetation and soil to be excavated to allow for new log cribs. Refer to Landscape.
 - Existing soil to be excavated to allow for new concrete strut beams below grade. Refer to Structural.
 - Existing turf and soil to be excavated for new horizontal insulation and stone dust.



04	Issued for tender	2016/05/12
03	Issued for 99% review	2016/04/28
02	Issued for 66% review	2016/03/09
01	Issued for 33% review	2016/02/05
revision	issued / revisions	yyyy/mm/dd

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	A Detail number	A Numero de detail
	B Sheet number	B Sur feuille numero

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Project title / Titre du projet

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FORT MISSISSAUGA STABILIZATION PHASE II

SALLY PORT SECTIONS & ELEVATIONS 3 (EXCAVATIONS & REMOVALS)

Scale / Echelle
1:50
Drawn by / Dessine par
AC/ML Date
2016-05-12

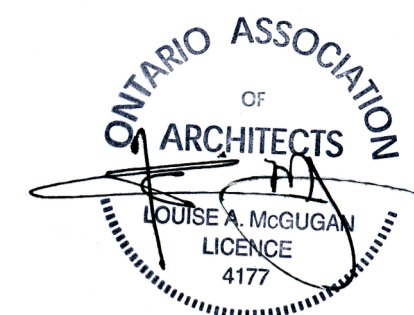
Field Recording by / Relevé-Terminé par
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Approved by / Approuvé par
Date

Checked by / Vérifié par

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Drawing Reference No./No. du Dessin		

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04	Issued for tender	2016/05/12
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revision	issued / revisions	date

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Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
SITE PLAN

Scale / Echelle
 1:250

Drawn by / Dessine par
 AC/ML Date 2016-05-12

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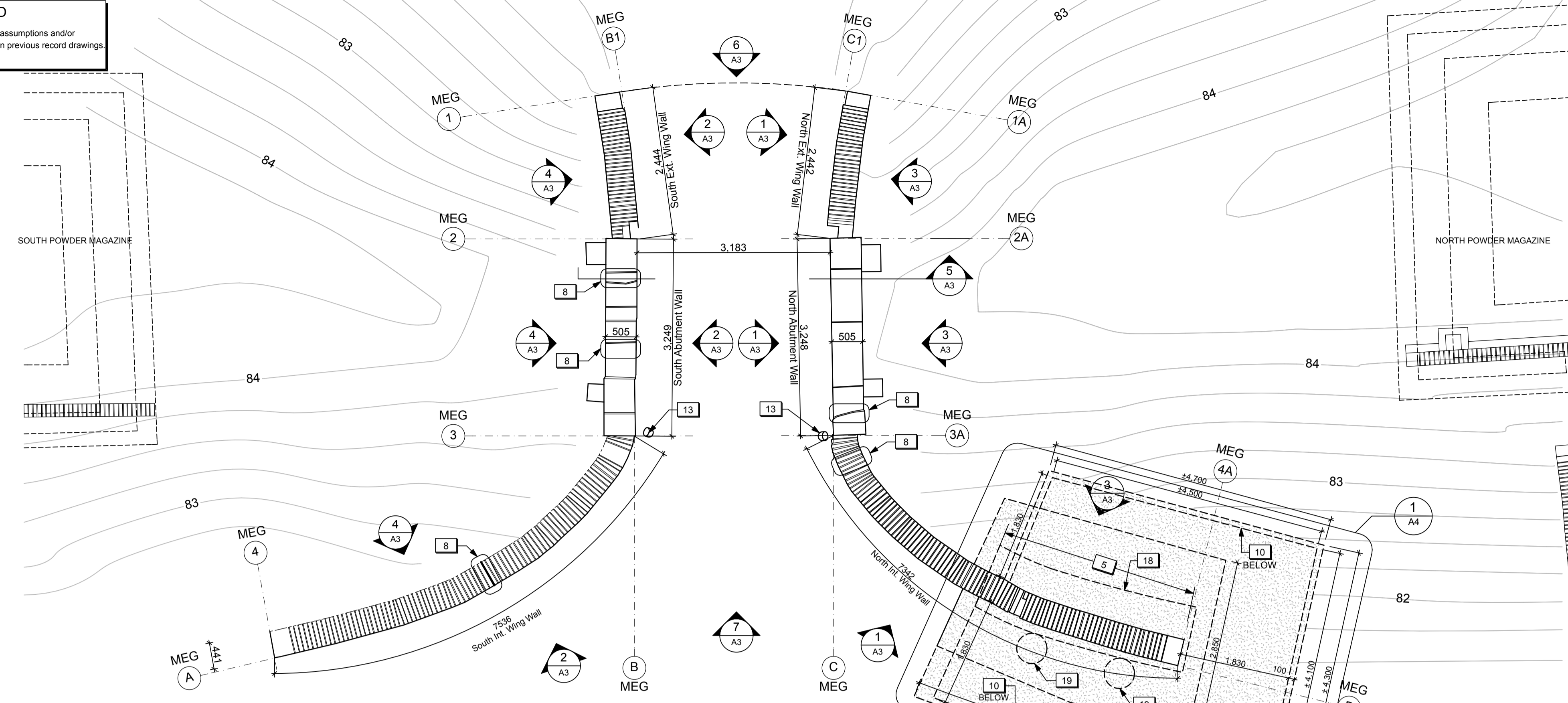
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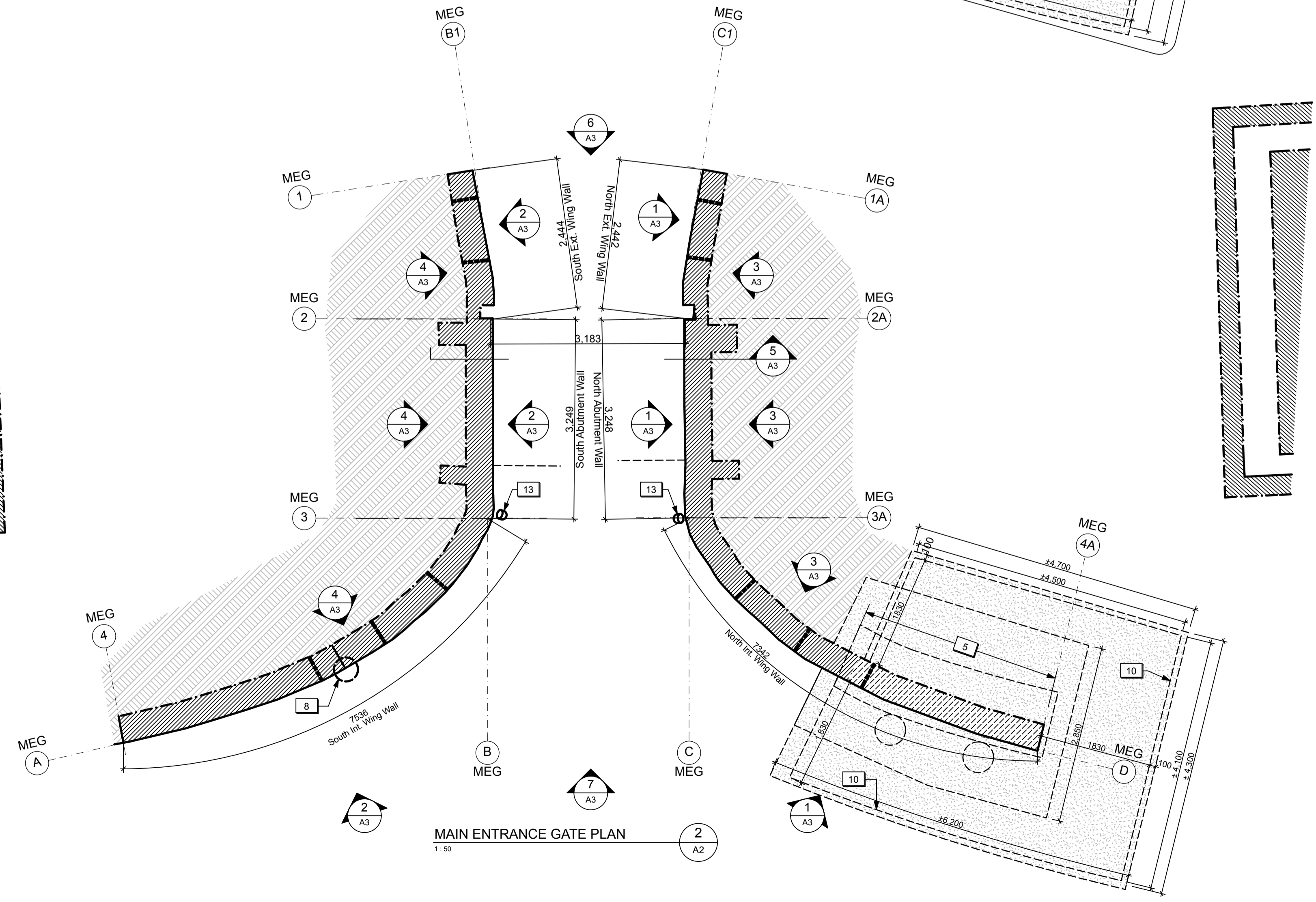
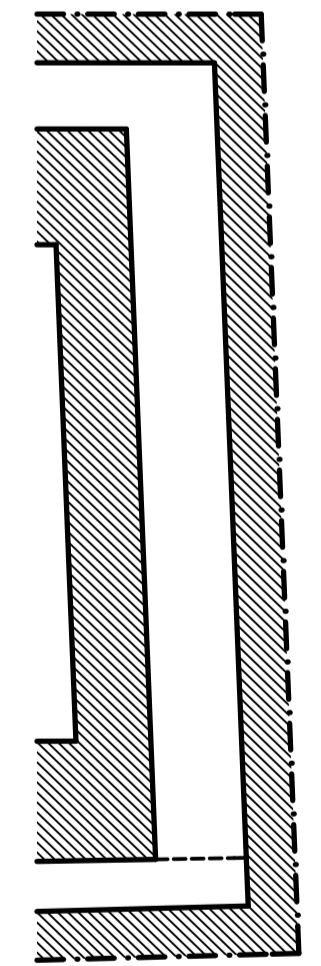
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Drawing Reference No./No. du Dessin		

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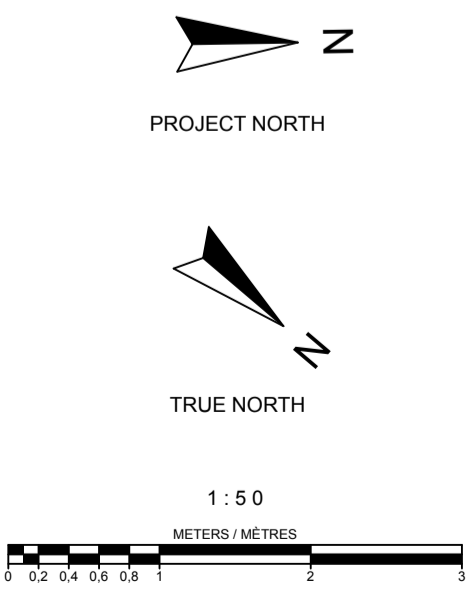
LEGEND
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MAIN ENTRANCE GATE PLAN - TOP VIEW
1:50



MAIN ENTRANCE GATE PLAN
1:50



DRAWING NOTES (MAIN ENTRANCE GATE)

1. New Granular A backfill. Refer to Landscape.
2. New topsoil and sod. Refer to Landscape.
3. Temporary shoring wall for excavation. Refer to Structural.
4. Backfill with original earth. Refer to Structural.
5. Existing end portion of north interior wing wall to be reconstructed using salvaged heritage masonry as detailed. Reconstructed wall to be supported on a new concrete footing. Refer to Structural.
6. New brick, as required, to match existing brick cap.
7. Existing historic plaque to be restored and reinstalled by Parks Canada.
8. Area of localized masonry structural crack repair (unit price). Refer to Detail 2.1/A4.
9. Existing drainage holes to be clear of debris/free-draining.
10. New horizontal insulation below grade to protect new concrete footing. Refer to Structural.
11. New vertical insulation c/w Miradrain. Refer to Structural.
12. Existing historical benchmark to remain. Remove and reset if required for localized masonry structural crack repair.
13. Existing metal wheel guard to remain.
14. Reconstruct brick wall cap using salvaged heritage masonry.
15. Reconstruct stone wall face using salvaged heritage stone.
16. Reconstruct rubble wall structure behind heritage stone using salvaged stone. Provide allowance for the use of new stone rubble, if required.
17. Provide drainage holes. Refer to Structural.
18. New concrete footing. Refer to Structural.
19. New concrete caisson. Refer to Structural.
20. New dowels set into existing stone wall to tie in with new concrete footing. Refer to Structural.

GENERAL NOTES (MAIN ENTRANCE GATE)

1. General masonry repairs and repointing to be undertaken to various exposed masonry walls / surfaces (Cash Allowance).

LEGEND (MAIN ENTRANCE GATE):

- Existing sub-grade to remain.
- New topsoil and sod.
- New stone dust surface.
- Existing masonry structure to remain.
- Existing stone wall to be reconstructed.
- New granular fill.



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Job No: 60295
 Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
MAIN ENTRANCE GATE PLANS

Scale / Echelle
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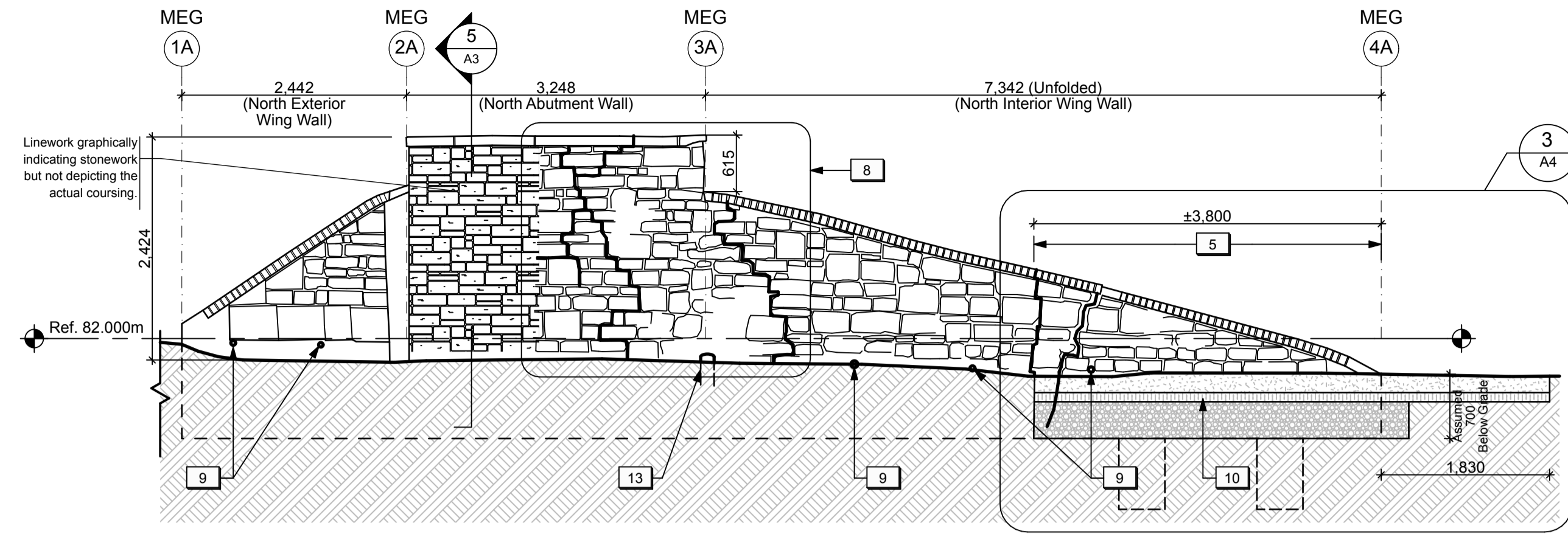
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 2016-05-12

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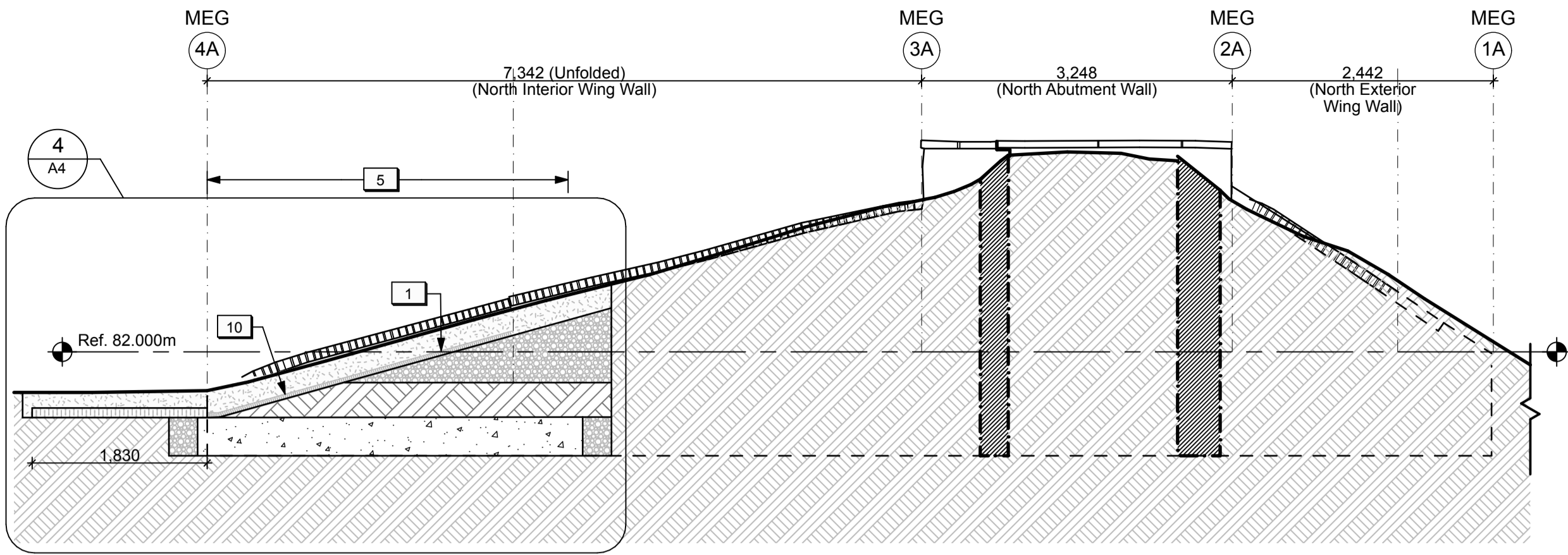
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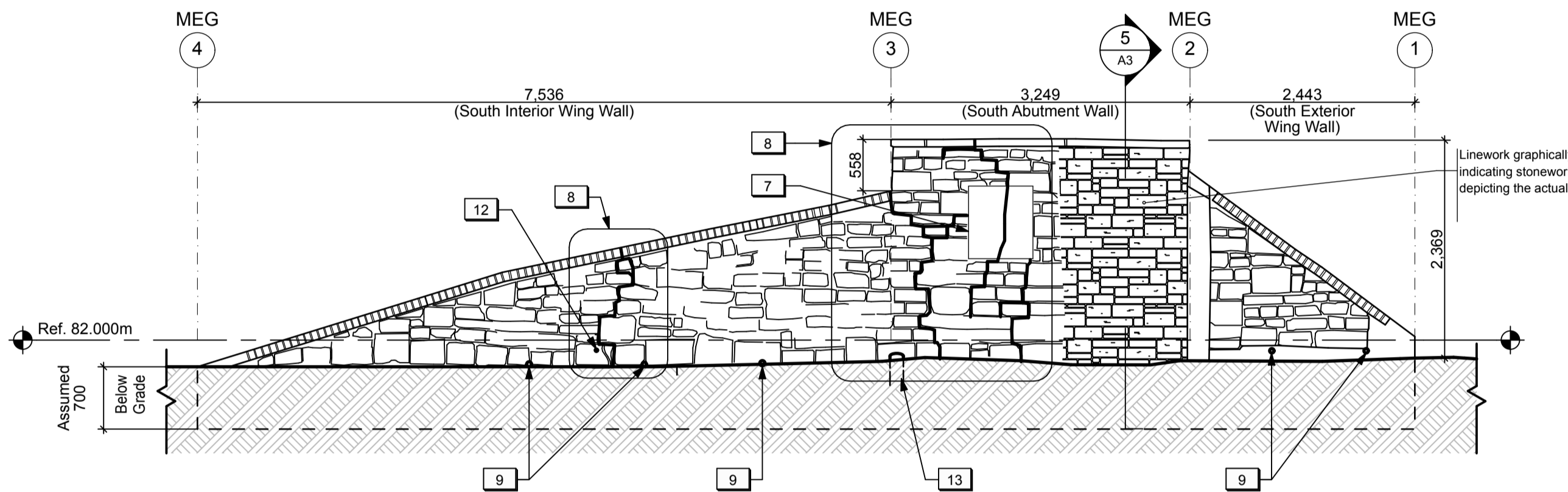
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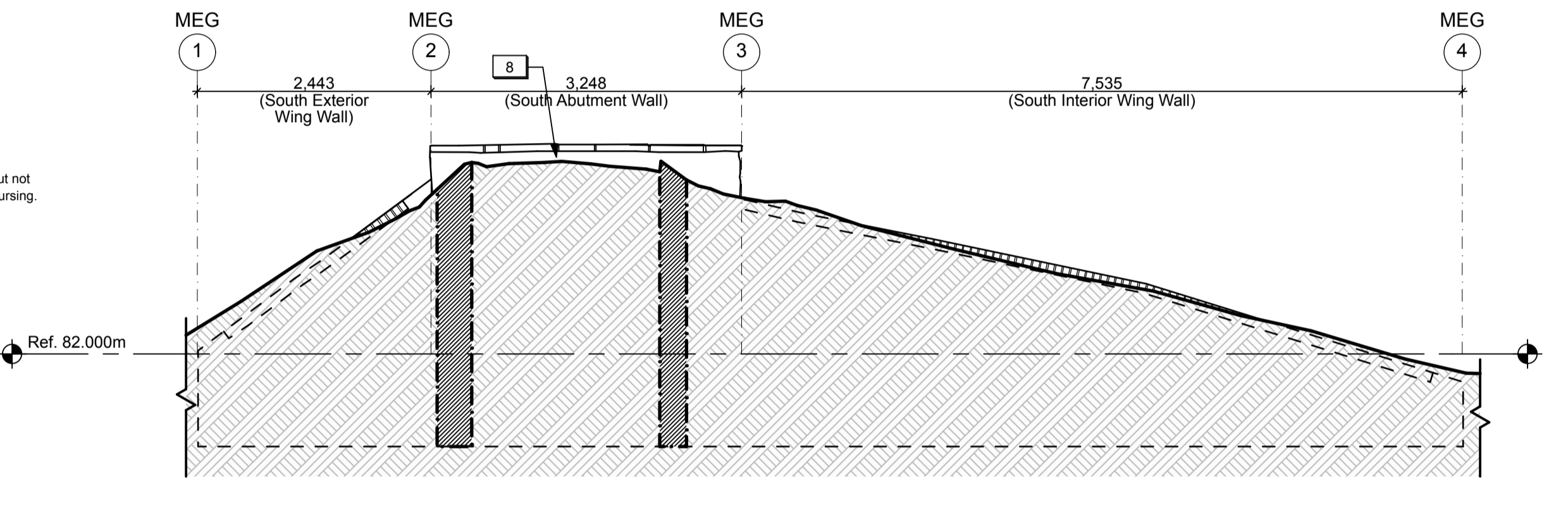
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1:50



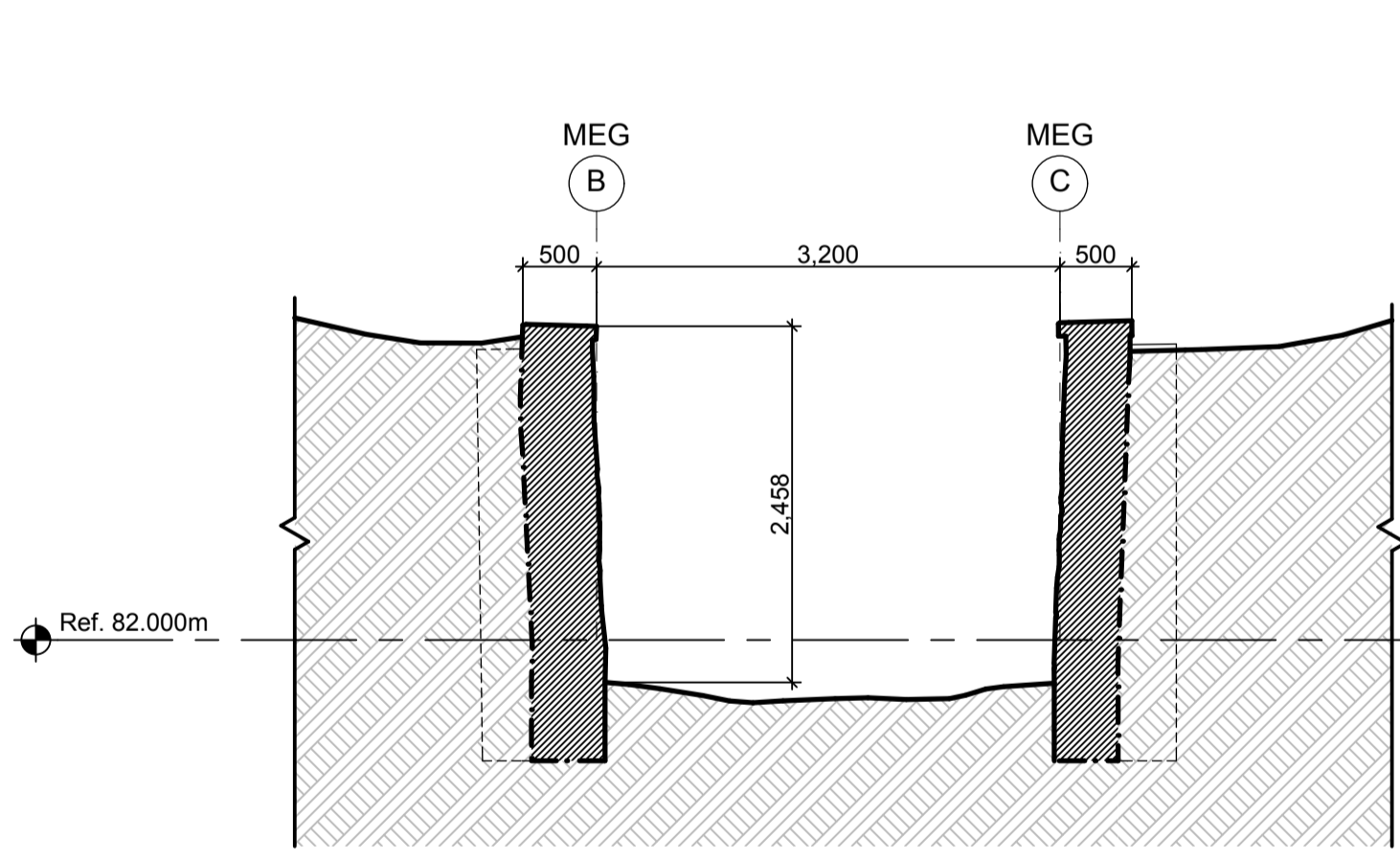
NORTH WALL - UNFOLDED ELEVATION 3
1:50



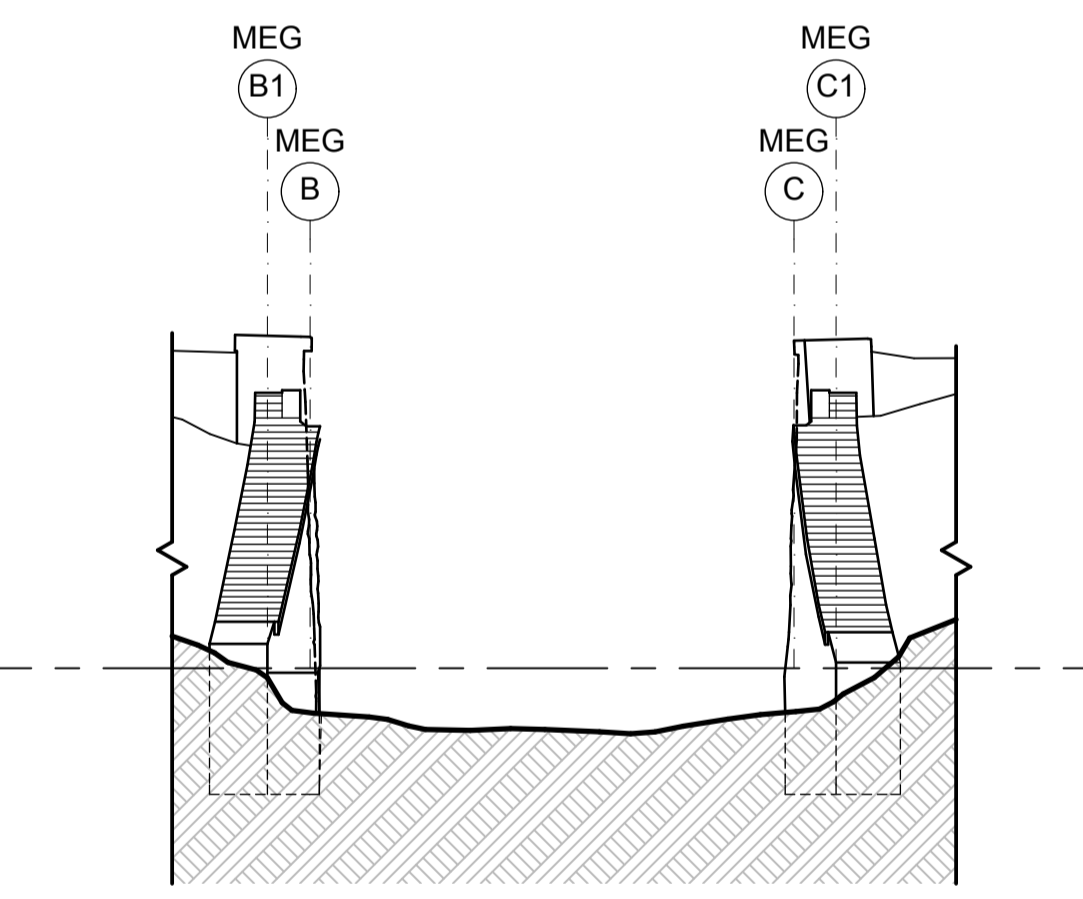
SOUTH WALL - UNFOLDED ELEVATION 2
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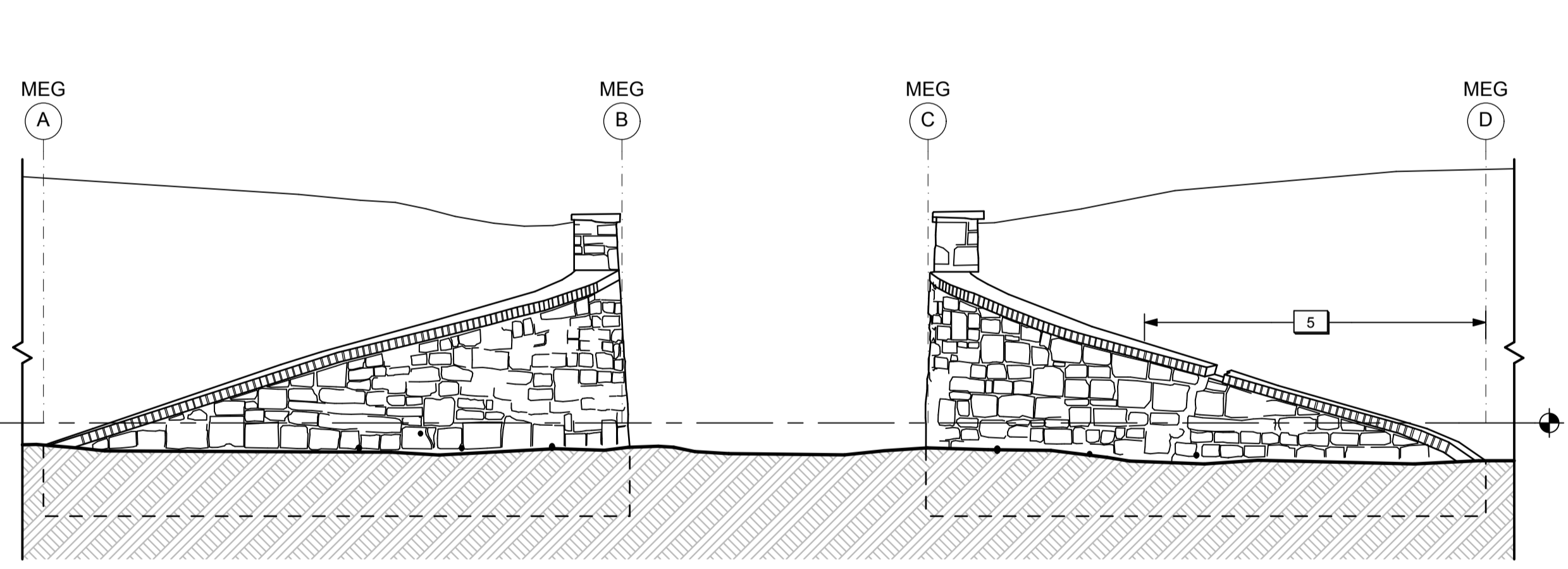
SOUTH WALL - UNFOLDED ELEVATION 4
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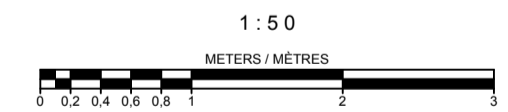
ABUTMENT WALLS - CROSS SECTION 5
1:50



EXTERIOR WING WALLS - ELEVATION 6
1:50



INTERIOR WING WALLS - ELEVATION 7
1:50



DRAWING NOTES (MAIN ENTRANCE GATE)

- | | | |
|---|---|---|
| 1. New Granular A backfill. Refer to Landscape. | 9. Existing drainage holes to be clear of debris/free-draining. | 18. New concrete footing. Refer to Structural. |
| 2. New topsoil and sod. Refer to Landscape. | 10. New horizontal insulation below grade to protect new concrete footing. Refer to Structural. | 19. New concrete caisson. Refer to Structural. |
| 3. Temporary shoring wall for excavation. Refer to Structural. | 11. New vertical insulation c/w Miradrain. Refer to Structural. | 20. New dowels set into existing stone wall to tie in with new concrete footing. Refer to Structural. |
| 4. Backfill with original earth. Refer to Structural. | 12. Existing historical benchmark to remain. Remove and reset if required for localized masonry structural crack repair. | |
| 5. Existing end portion of north interior wing wall to be reconstructed using salvaged heritage masonry as detailed. Reconstructed wall to be supported on a new concrete footing. Refer to Structural. | 13. Existing metal wheel guard to remain. | |
| 6. New brick, as required, to match existing brick cap. | 14. Reconstruct brick wall cap using salvaged heritage masonry. | |
| 7. Existing historic plaque to be restored and reinstalled by Parks Canada. | 15. Reconstruct stone wall face using salvaged heritage stone. | |
| 8. Area of localized masonry structural crack repair (unit price). Refer to Detail 2.1/A4. | 16. Reconstruct rubble wall structure behind heritage stone using salvaged stone. Provide allowance for the use of new stone rubble, if required. | |
| | 17. Provide drainage holes. Refer to Structural. | |

GENERAL NOTES (MAIN ENTRANCE GATE)

- General masonry repairs and repointing to be undertaken to various exposed masonry walls / surfaces (Cash Allowance).

LEGEND (MAIN ENTRANCE GATE):

- Existing sub-grade to remain.
- New topsoil and sod.
- New stone dust surface.
- Existing masonry structure to remain.
- Existing stone wall to be reconstructed.
- New granular fill.

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Type of Record / Type d'enregistrement

Project title / Titre du projet

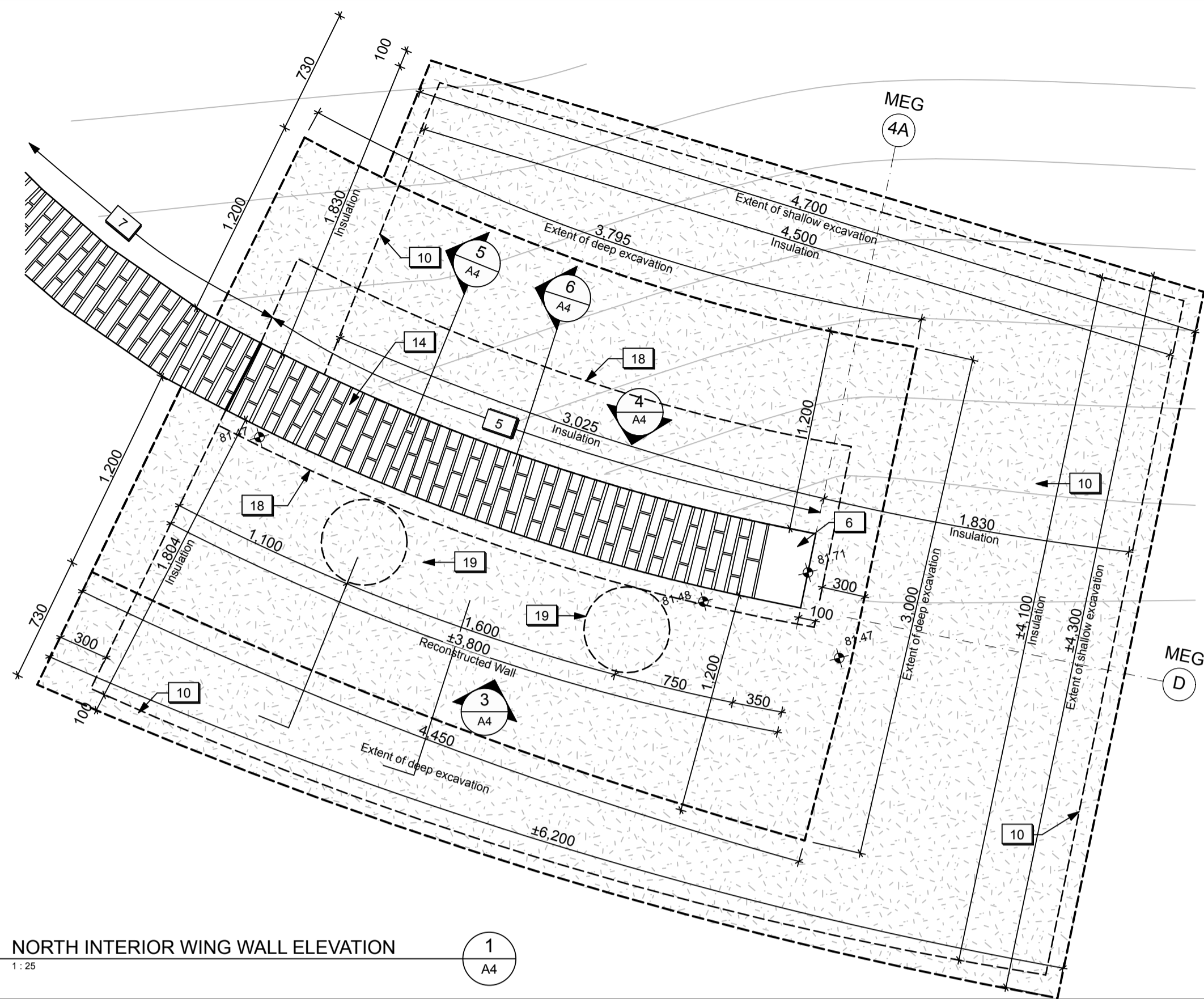
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

MAIN ENTRANCE GATE SECTIONS & ELEVATIONS

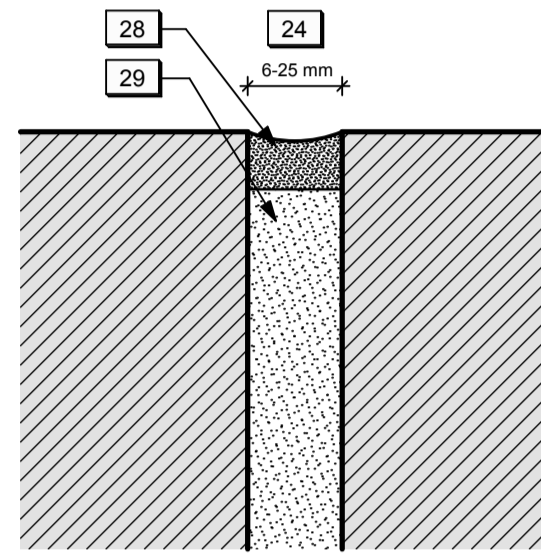
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Date	2016-05-12
Field Recording by / Relevé-Terminé par	
Date	
Approved by / Approuvé par	
Date	
Checked by / Vérifié par	
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Asset No.	1300164
Sheet No. / Feuille No.	A3
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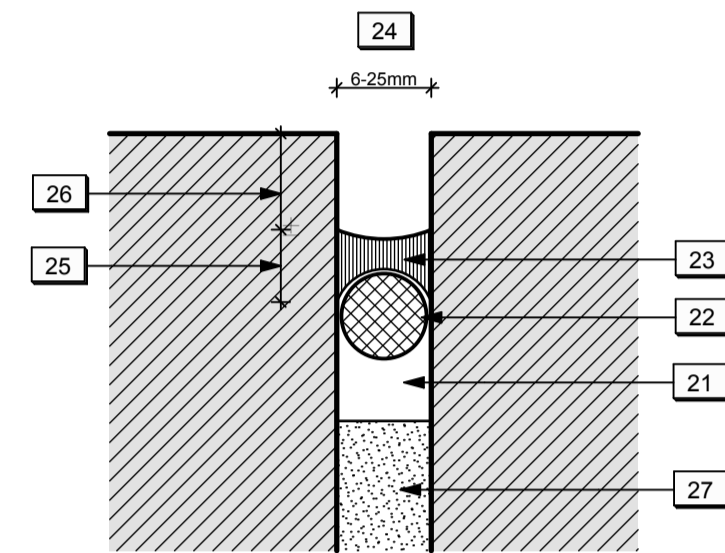
NORTH INTERIOR WING WALL ELEVATION

1
A4



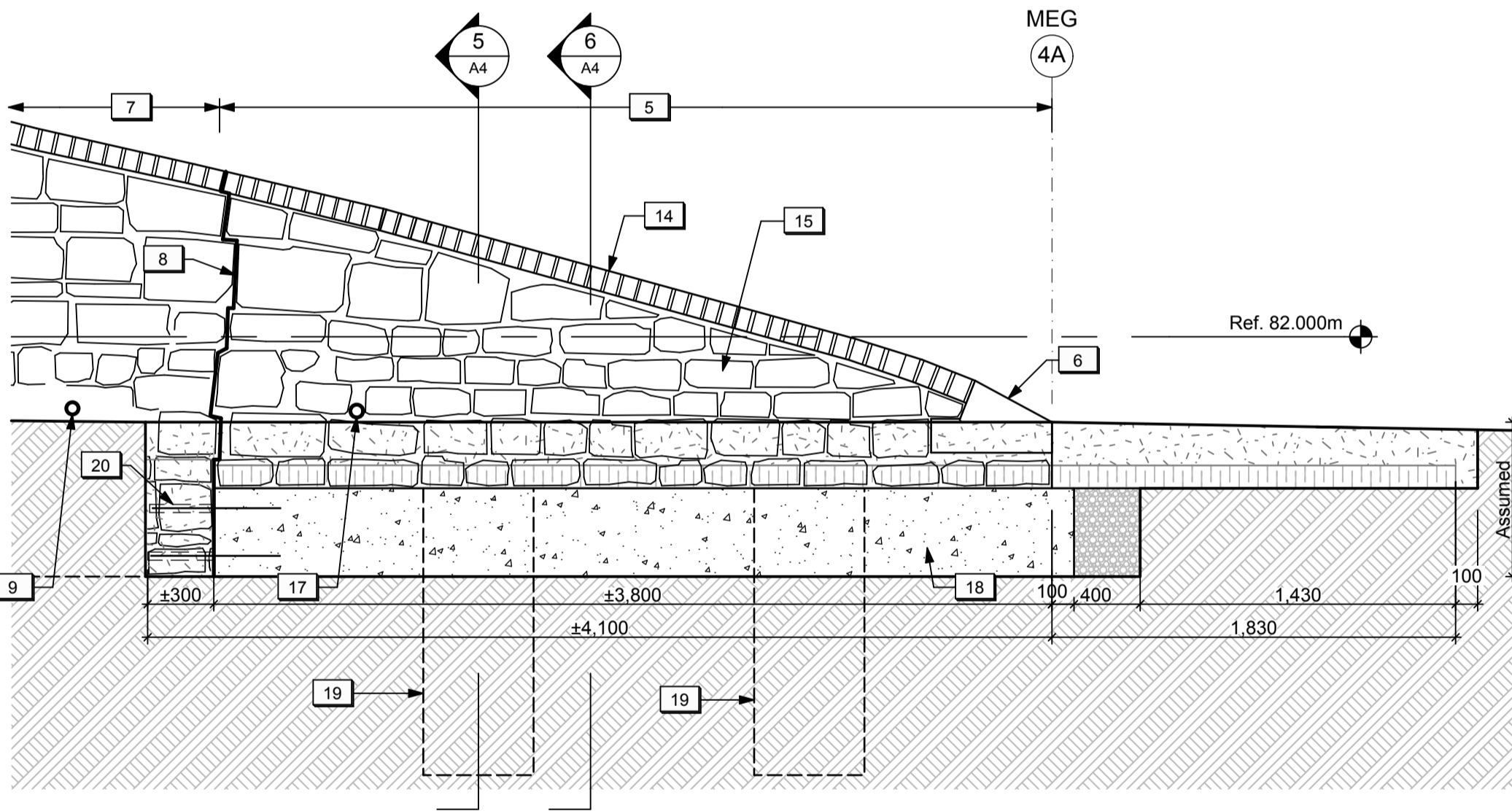
TYPICAL MASONRY REPAIR JOINT DETAIL, RECONSTRUCTED WALL

2
A4



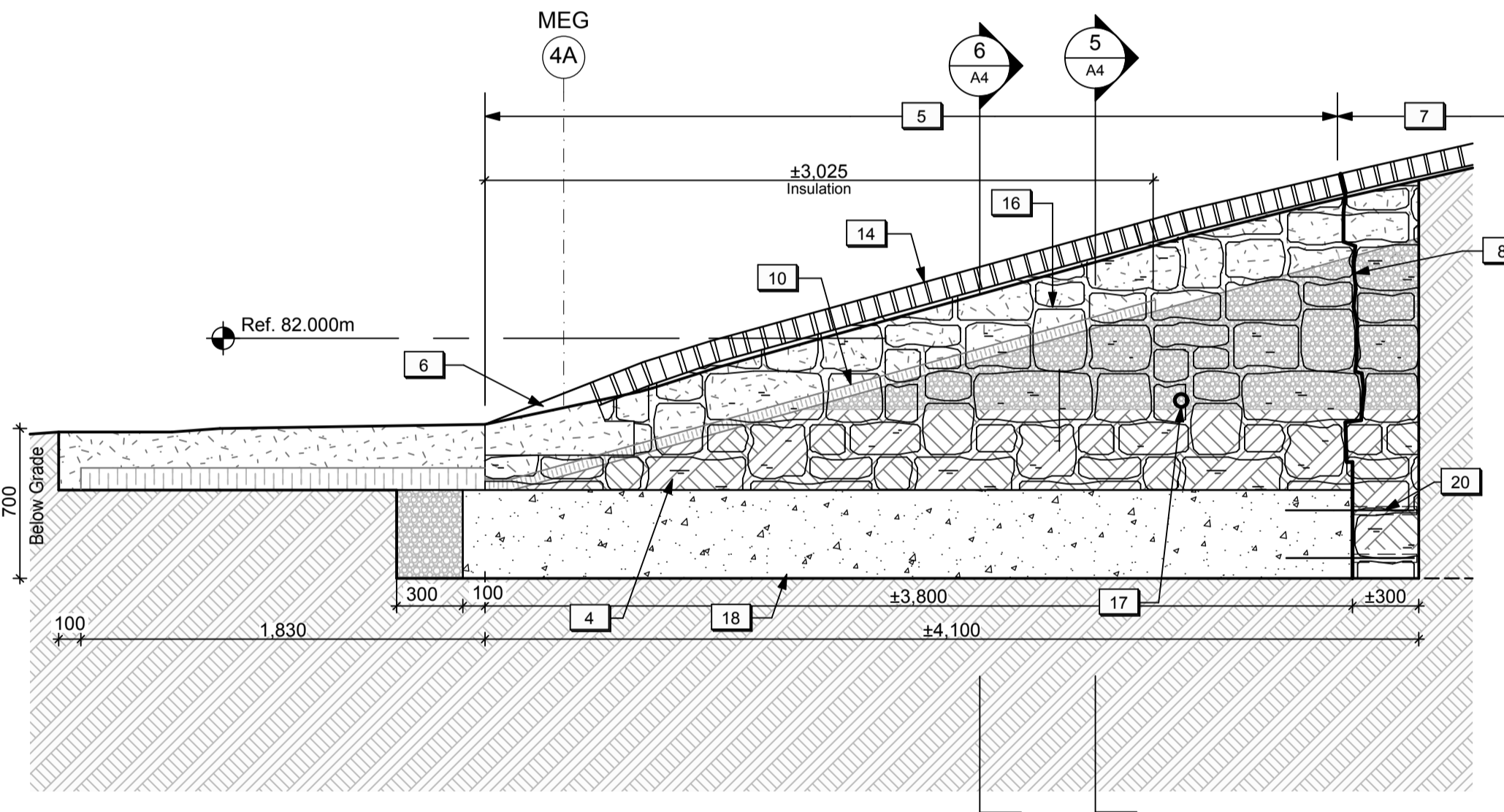
TYPICAL STRUCTURAL CRACK REPAIR DETAIL

2.1
A4



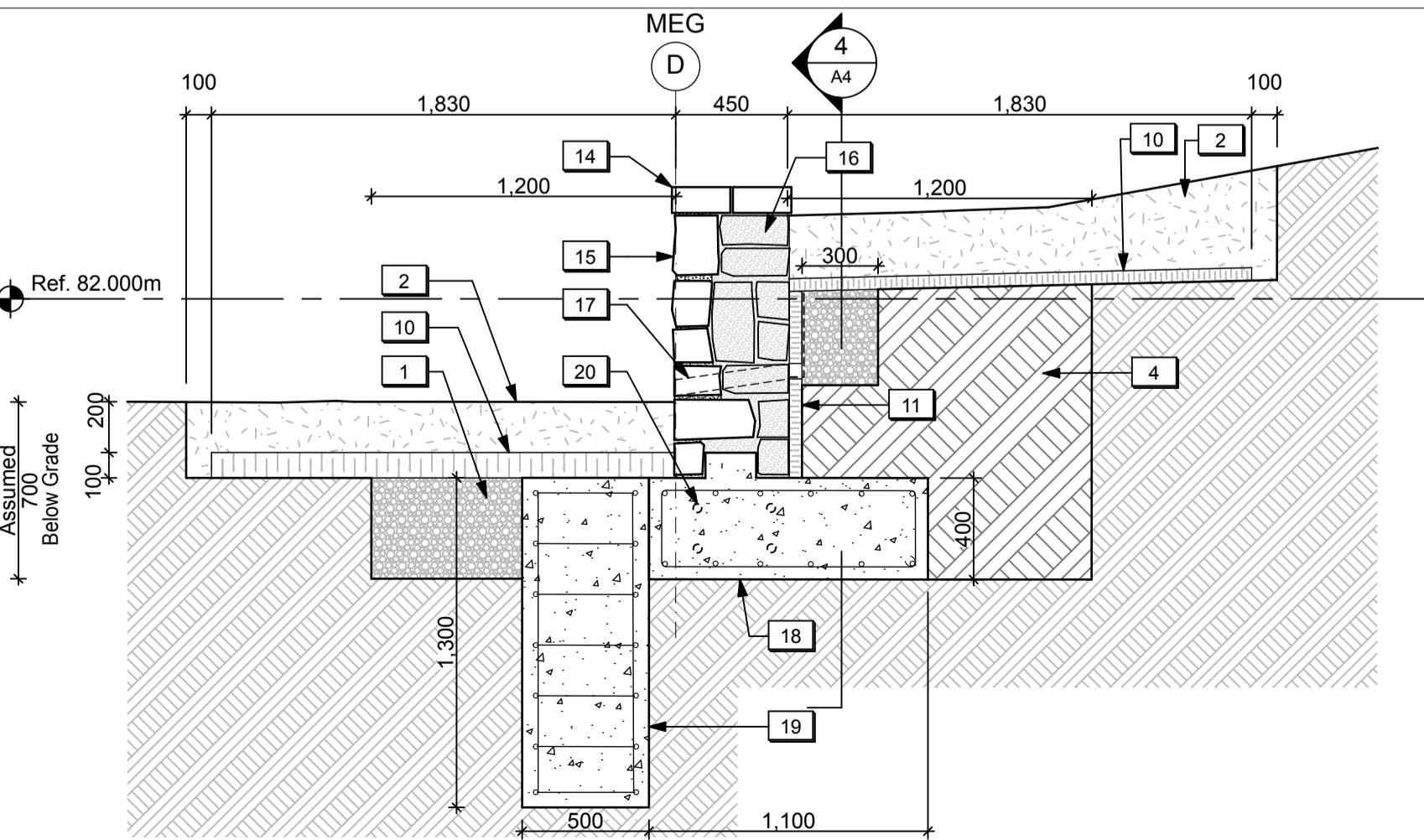
NORTH INTERIOR WING WALL - ELEVATION

3
A4



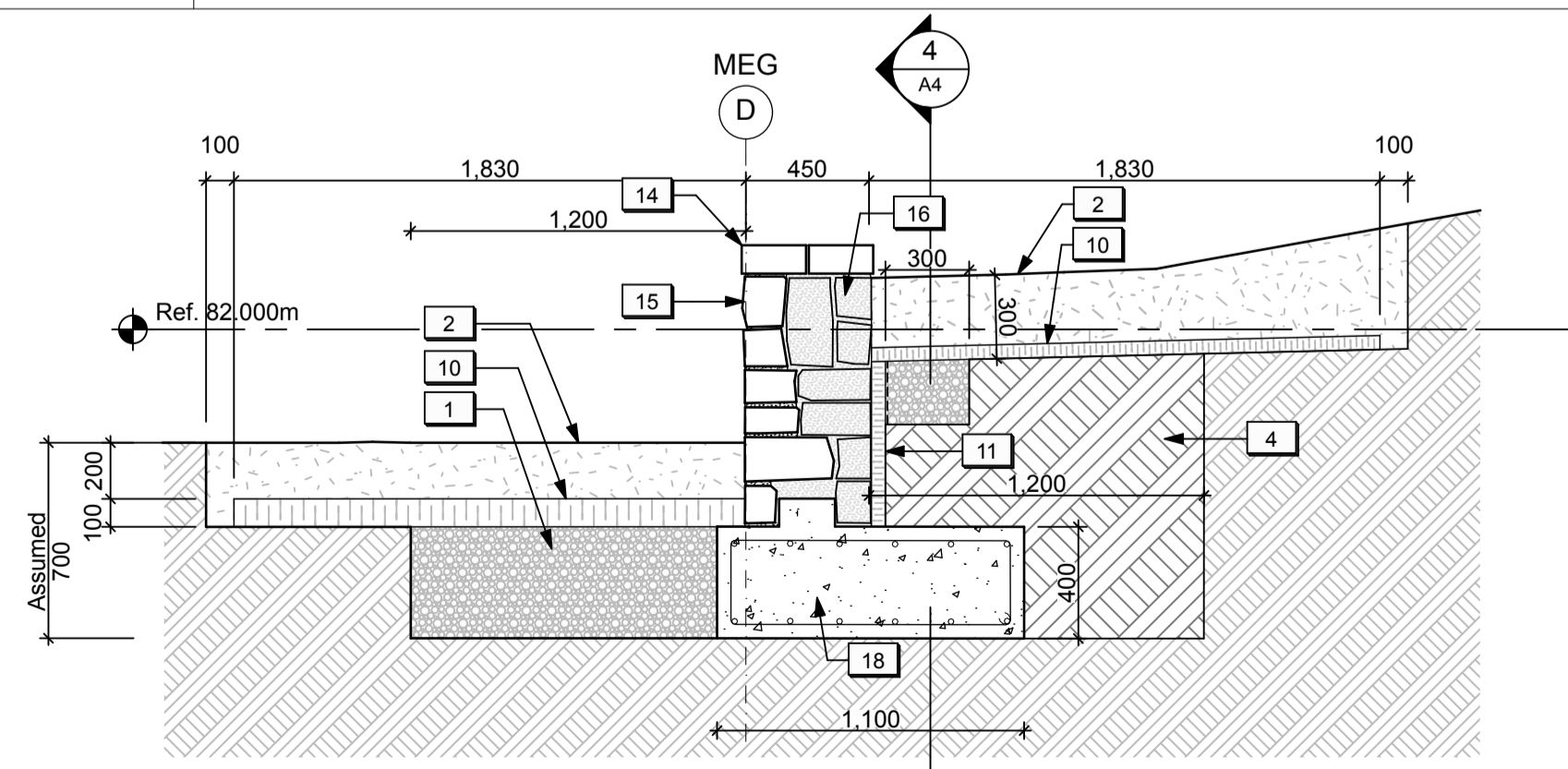
NORTH INTERIOR WING WALL - SECTION THROUGH EARTHWORKS

4
A4



NORTH INTERIOR WING WALL - SECTION THROUGH CAISSON

5
A4



NORTH INTERIOR WING WALL - SECTION THROUGH FOOTING

6
A4

DRAWING NOTES (MAIN ENTRANCE GATE DETAILS):

- New Granular A backfill. Refer to Landscape.
- New topsoil and seed. Refer to Landscape.
- Temporary shoring wall for excavation. Refer to Structural.
- Excavated area to be reinstated with compacted fill. Refer to Structural/Landscape.
- Extent of reconstructed end portion of north interior wing wall. Refer to Structural.
- Reinstated stone end cap.
- Existing north interior wing wall to remain.
- Area of localized masonry structural crack repair (unit price). Refer to Detail 2.1/A4.
- Existing drainage holes to be clear of debris/free-draining.
- New horizontal insulation below grade to protect new masonry footing. Refer to Structural.
- New vertical insulation c/w Miradrain. Refer to Structural.
- Reserved.
- Reserved.
- Reconstructed brick coping using salvaged heritage masonry.
- Reconstructed cut stone wall using salvaged heritage stone.
- Reconstructed rubble stone wall structure using salvaged heritage stone. Provide allowance for the use of new stone rubble, if required.
- New drainage hole, similar to existing drainage holes.
- New concrete footing. Refer to Structural.
- New concrete caisson. Refer to Structural.
- New dowels set into existing stone wall to tie in with new concrete footing. Refer to Structural.
- Rake out existing crack at mortar joint to a minimum depth of 76 mm.
- Compressed foam backer rod to suit joint width. Refer to Specifications.
- Sealant. Refer to Specifications.
- Existing joint width.
- Sealant depth to be half of joint width, but not greater than 12.7 mm or less than 3.2 mm.
- Keep back 25 mm from face of stone.
- Existing mortar.
- New finish mortar, flush with stone face. Refer to Specifications.
- New back mortar. Refer to Specifications.

LEGEND (MAIN ENTRANCE GATE):

- Existing sub-grade to remain.
- New topsoil and seed.
- New granular fill.
- Reinstated native fill.



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JOB NO: 60295

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FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

MAIN ENTRANCE GATE DETAILS

Scale / Echelle

1:25, 1:2

Drawn by / Dessine par
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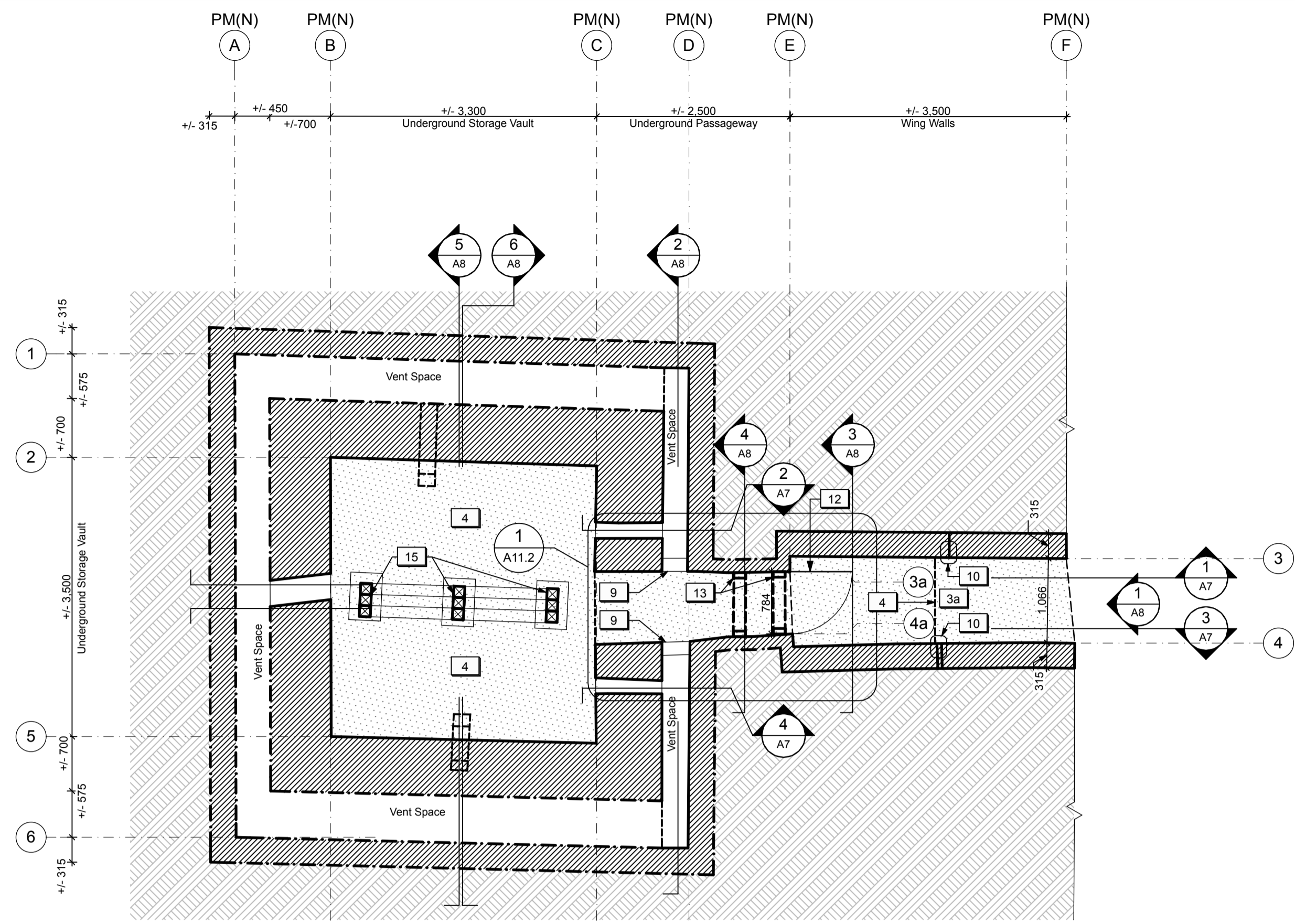
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PRO 000808

Asset No.
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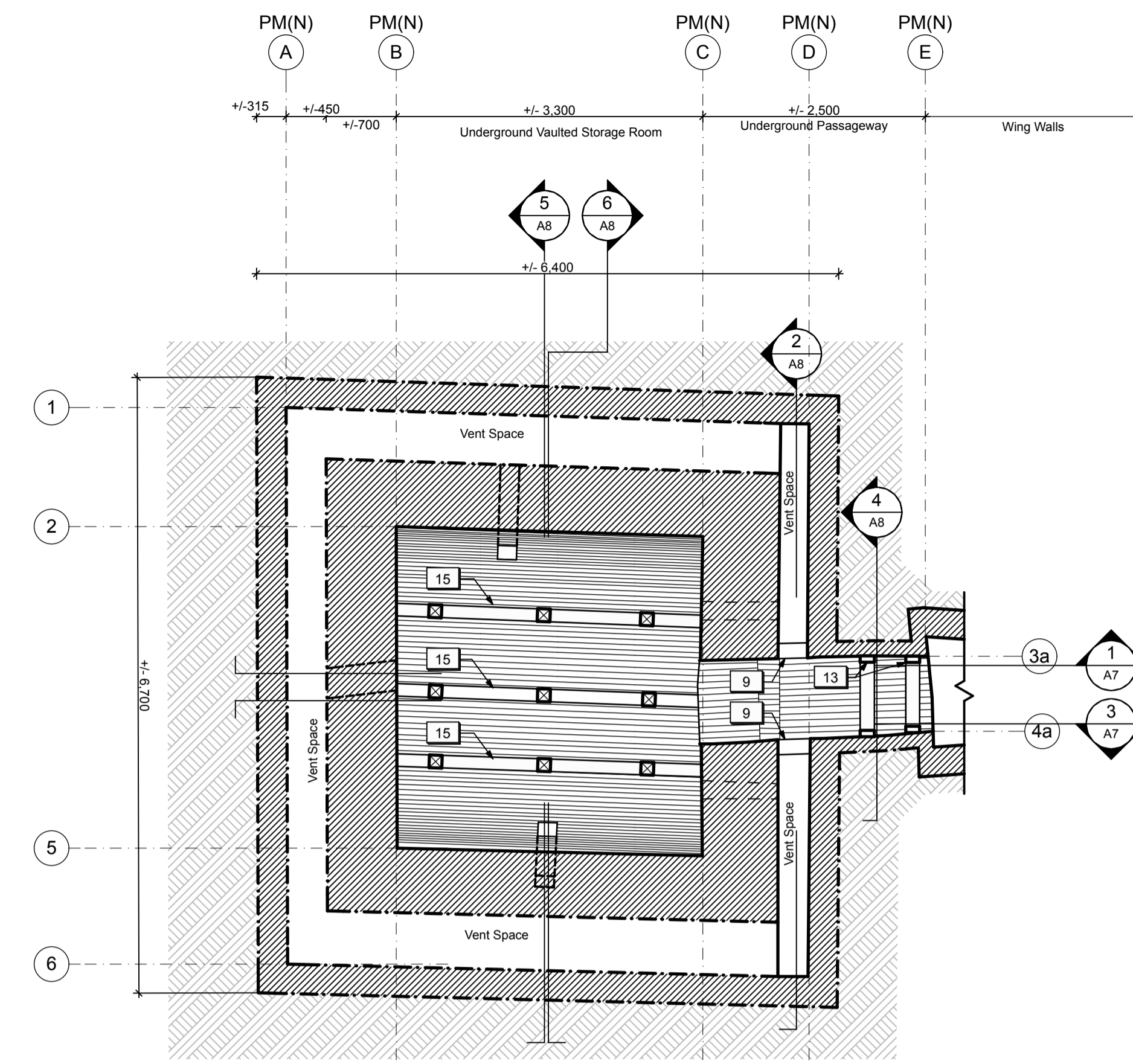
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A4

Drawing Reference No./No. du Dessin

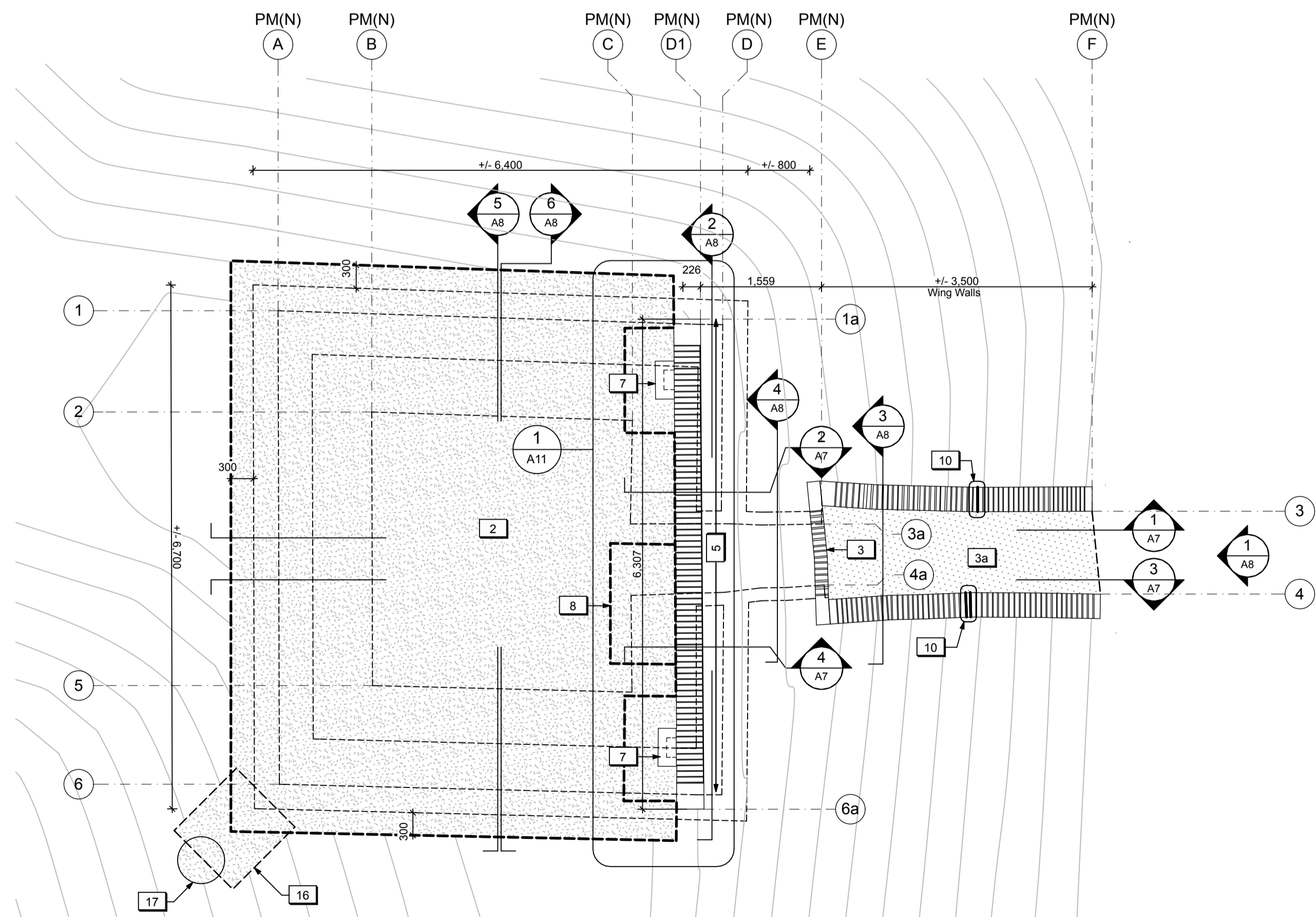
Filename: /Volumes/Mother/2 PROJECT FILES/ACTIVE/FORT MISSISSAUGA/WORKING DRAWINGS/Powder Magazine WD.pln Plotted: 2016-05-12 12:29 PM



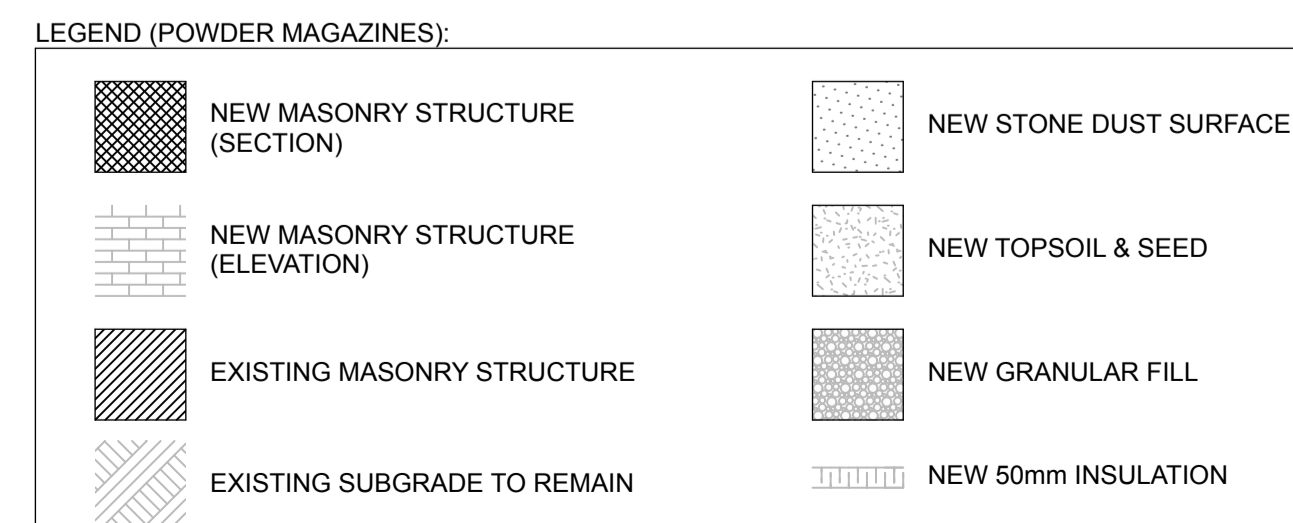
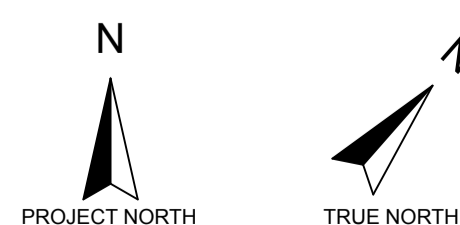
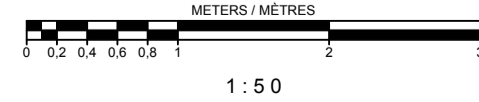
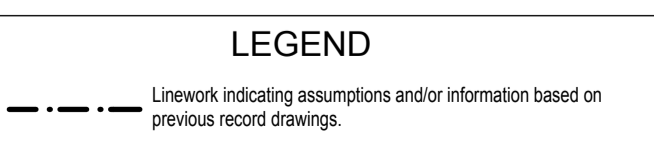
PLAN - AT GRADE
1:50



REFLECTED CEILING PLAN
1:50



PLAN - TOP VIEW
1:50



GENERAL NOTES (POWDER MAGAZINES):

- General masonry repairs and repointing to be undertaken to various exposed masonry walls / surfaces on the exterior (Cash Allowance). Existing masonry walls / surfaces within the underground passageways, storage vaults, and vent spaces to remain as is except where noted.
- Existing modern graffiti within the underground passageways, storage vaults, and vent spaces to remain.

DRAWING NOTES (POWDER MAGAZINES):

1. New Granular A backfill c/w Miradrain and insulation. Refer to Landscape.
2. New moisture barrier over the underground structure sloped to perimeter. Refer to Landscape.
3. Existing grade / vegetation covering brick coping to be cleared 300 mm back.
- 3a. Existing grade in the exterior passageway to be revised to ensure positive drainage. Refer to Landscape.
4. New horizontal insulation below grade to protect the existing masonry footings. Refer to Structural.
5. New brick parapet wall extension. Refer to details.
6. New vent opening in brick parapet wall extension c/w metal security grille. Refer to details.
7. New brick vent shaft extensions capped with sloped stone caps. Refer to details.
8. Localized masonry repairs at failure in the outer brick vault structure. Refer to Structural.
9. Existing masonry openings to be enlarged to improve ventilation in the vent spaces beyond.
10. Area of localized masonry structural crack repairs (unit price).
11. Existing drainage holes to be clear of debris/free-draining.
12. Existing metal gate to be restored and reinstalled. Refer to details.
13. New steel support frame. Refer to Structural.
14. New concrete strut beam below grade. Refer to Structural.
15. New wood shoring frame. Refer to Structural.
16. New drainage pan to French drain. Refer to Landscape.
17. New French drain. Refer to Landscape.



04	Issued for tender	2016/05/12
03	Issued for 99% Review	2016/04/28
02	Issued for 66% Review	2016/03/09
01	Issued for 33% Review	2016/02/05
revision	issued / revisions	yyyy/mm/dd

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.

A	A Detail number	A Numero de detail
B	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client

Signature _____ Date _____
File No. / No. de dossier _____



PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

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Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
POWDER MAGAZINE (NORTH) - PLANS

Scale / Echelle
1:50
Drawn by / Dessine par
AC / ML
Date
2016.02.05

Field Recording by / Relevé-Terminé par
Date

Approved by / Approuvé par
Date

Checked by / Vérifié par

Project No. / No. du projet
PRO 000808
Asset No.
1300164
Sheet No. / Feuille No.
A5

Drawing Reference No./No. du Dessin



04	Issued for tender	2016/05/12
03	Issued for 99% Review	2016/04/28
02	Issued for 66% Review	2016/03/09
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Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
POWDER MAGAZINE (SOUTH) - PLANS

Scale / Echelle
 1:50
 Drawn by / Dessine par
 AC / ML
 Date
 2016.02.05

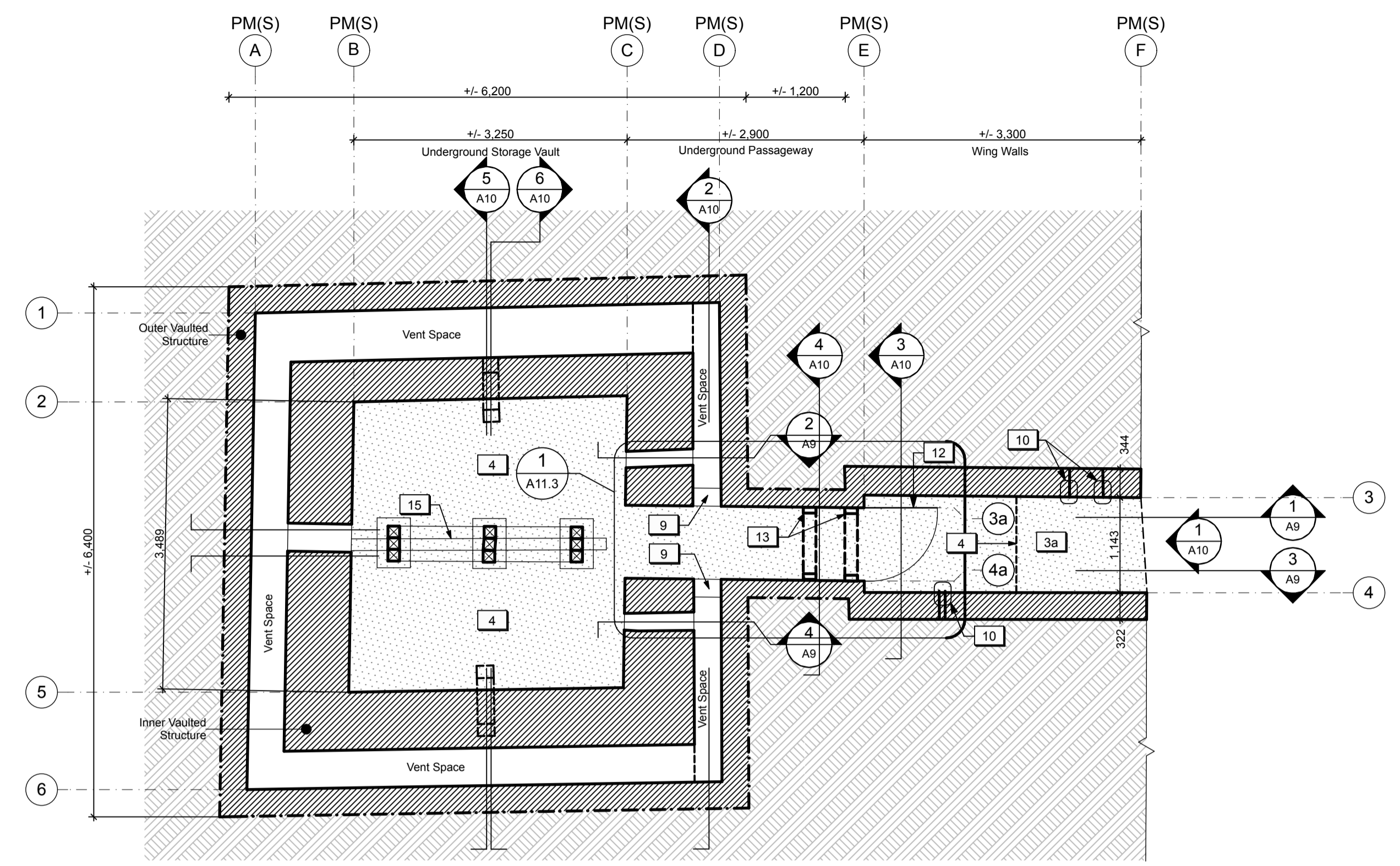
Field Recording by / Relevé-Terminé par

Approved by / Approuvé par _____ Date _____

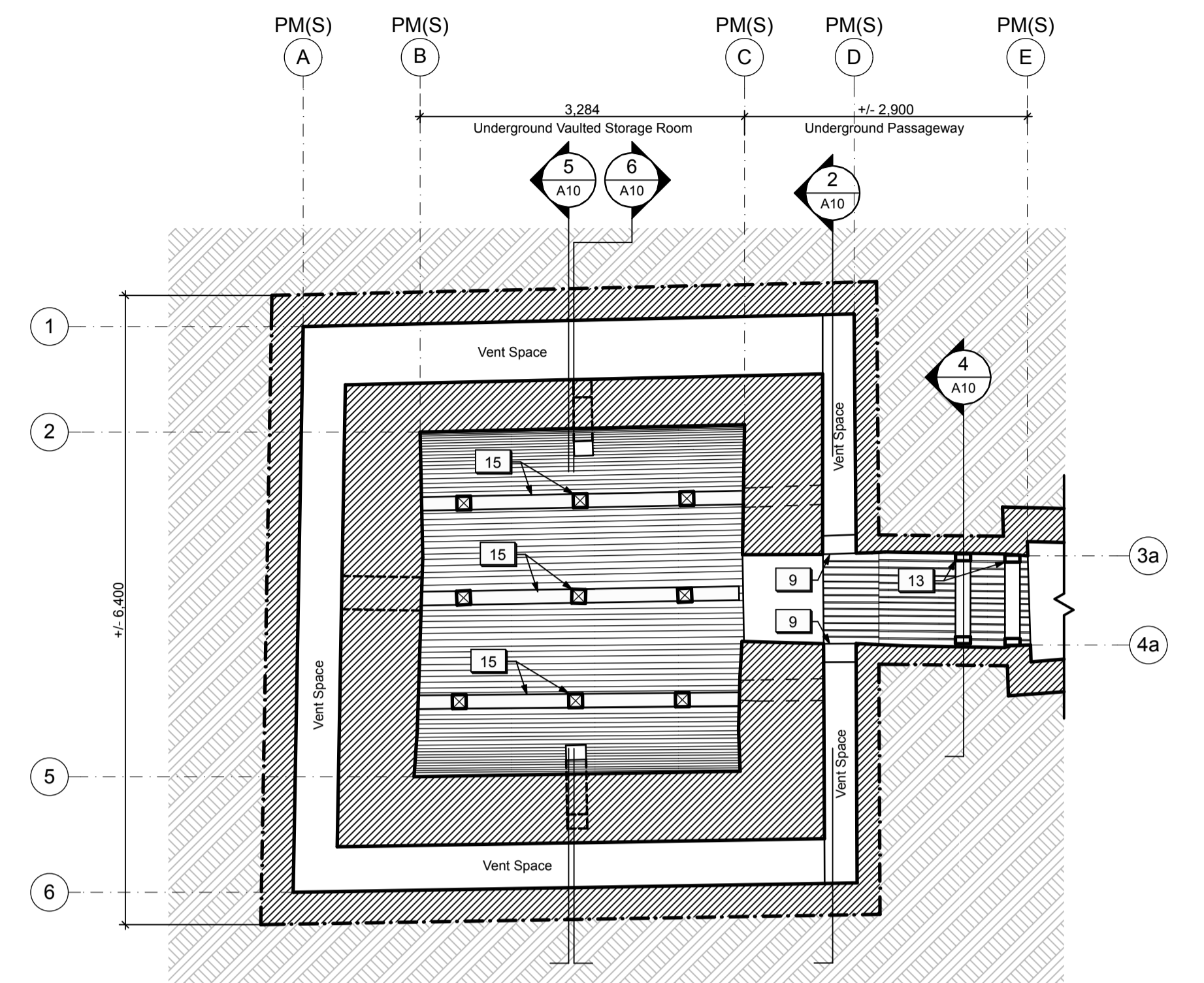
Checked by / Vérifié par _____

Project No. / No. du projet PRO 000808	Asset No. 1300164	Sheet No. / Feuille No. A6
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Drawing Reference No./No. du Dessin



PLAN - AT GRADE
1:50



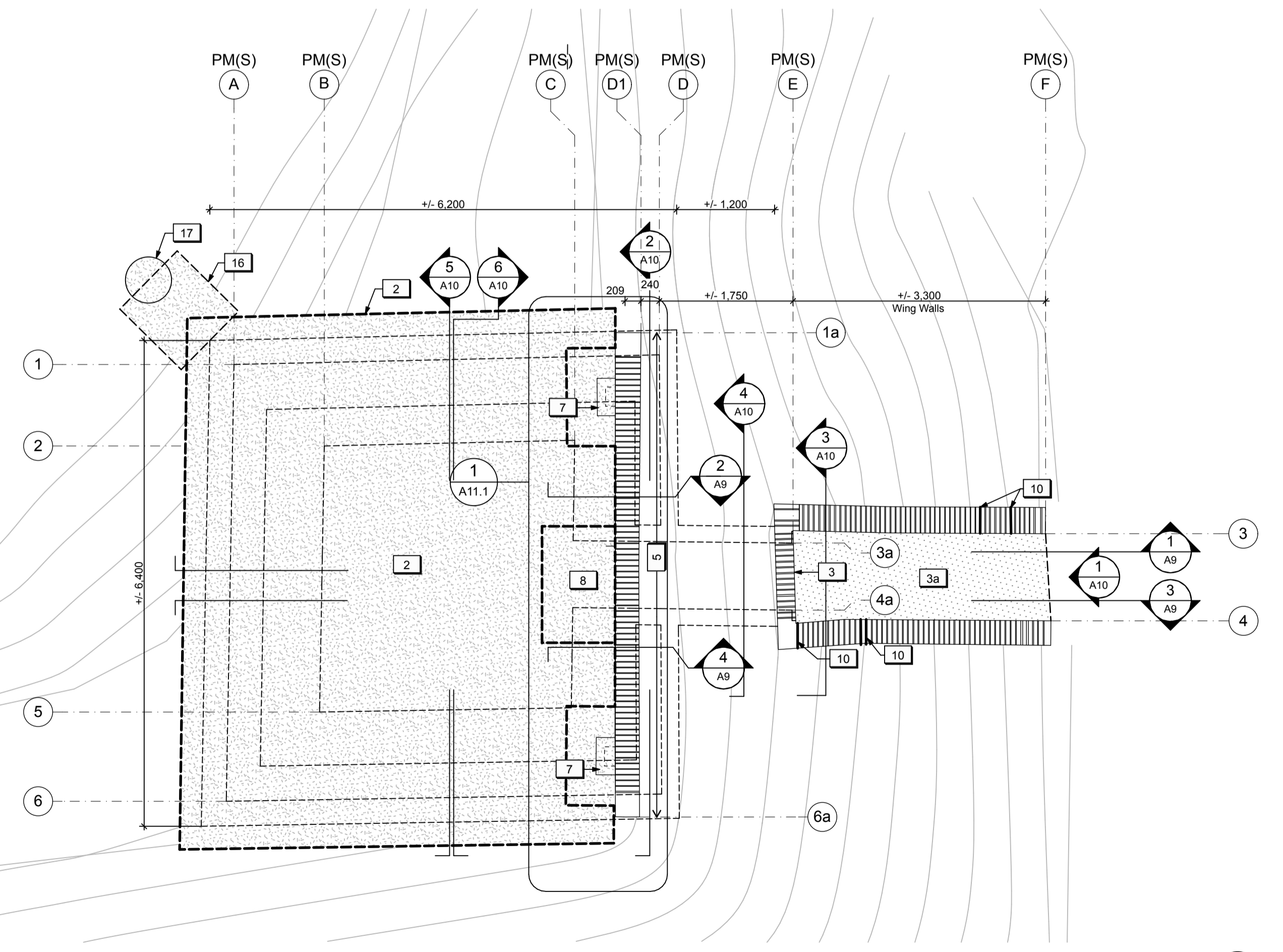
REFLECTED CEILING PLAN
1:50

- GENERAL NOTES (POWDER MAGAZINES):
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 - New wood shoring frame. Refer to Structural.
 - New drainage pan to French drain. Refer to Landscape.
 - New French drain. Refer to Landscape.

LEGEND (POWDER MAGAZINES):

	NEW MASONRY STRUCTURE (SECTION)		NEW STONE DUST SURFACE
	NEW MASONRY STRUCTURE (ELEVATION)		NEW TOPSOIL & SEED
	EXISTING MASONRY STRUCTURE		NEW GRANULAR FILL
	EXISTING SUBGRADE TO REMAIN		NEW 50mm INSULATION



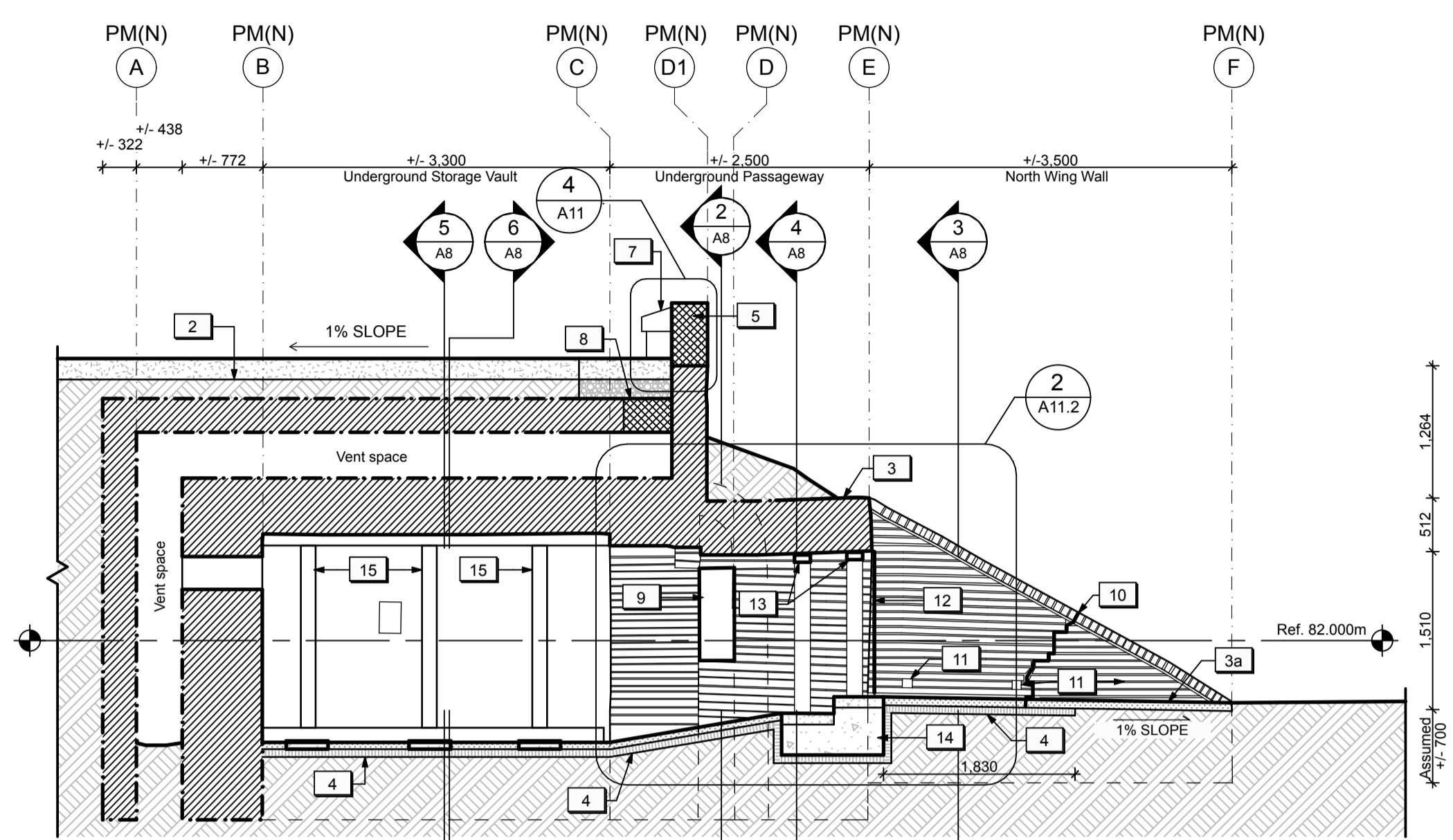
PLAN - TOP VIEW
1:50

LEGEND
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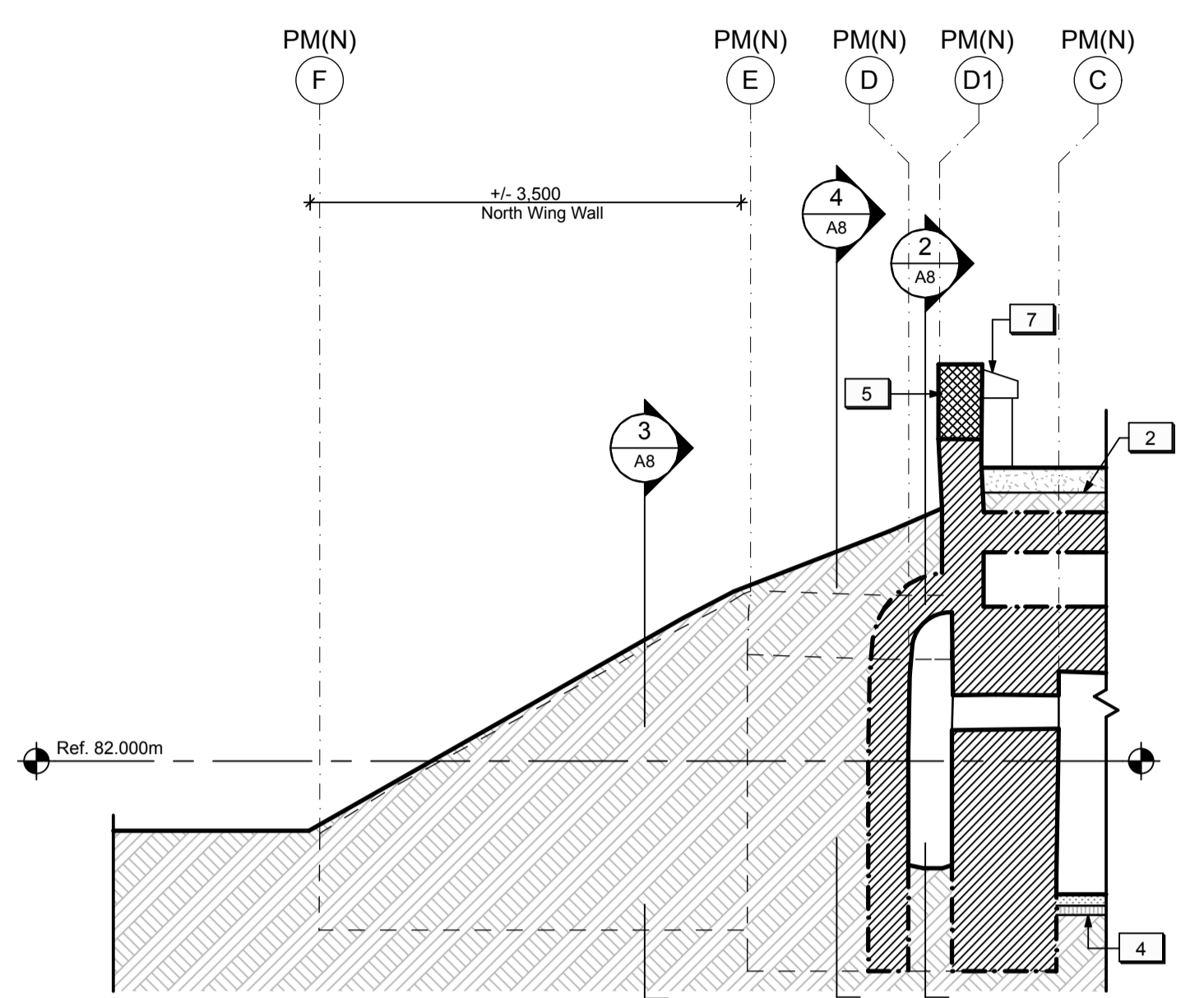
METERS / METRES
 1:50

PROJECT NORTH
 TRUE NORTH

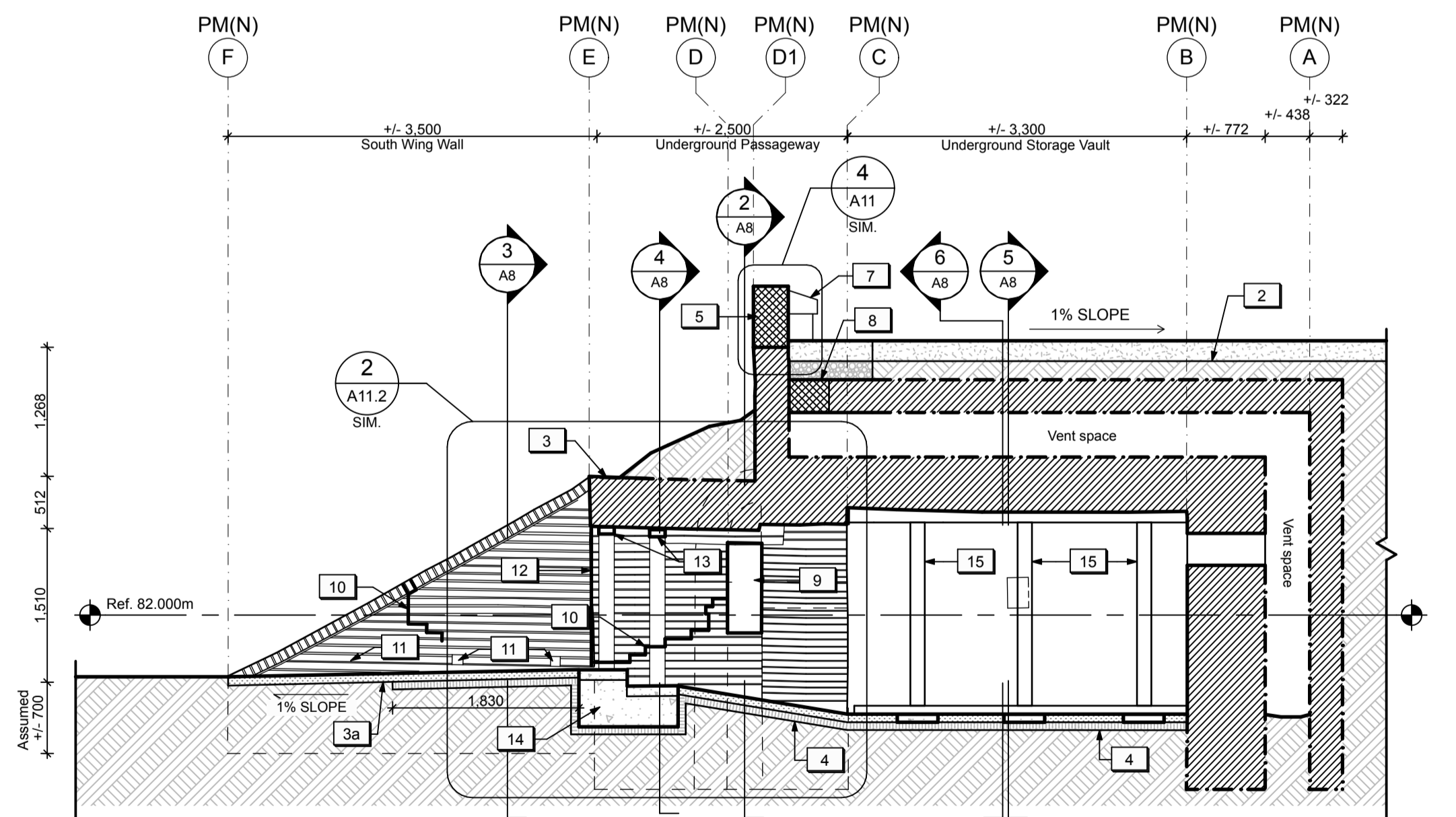
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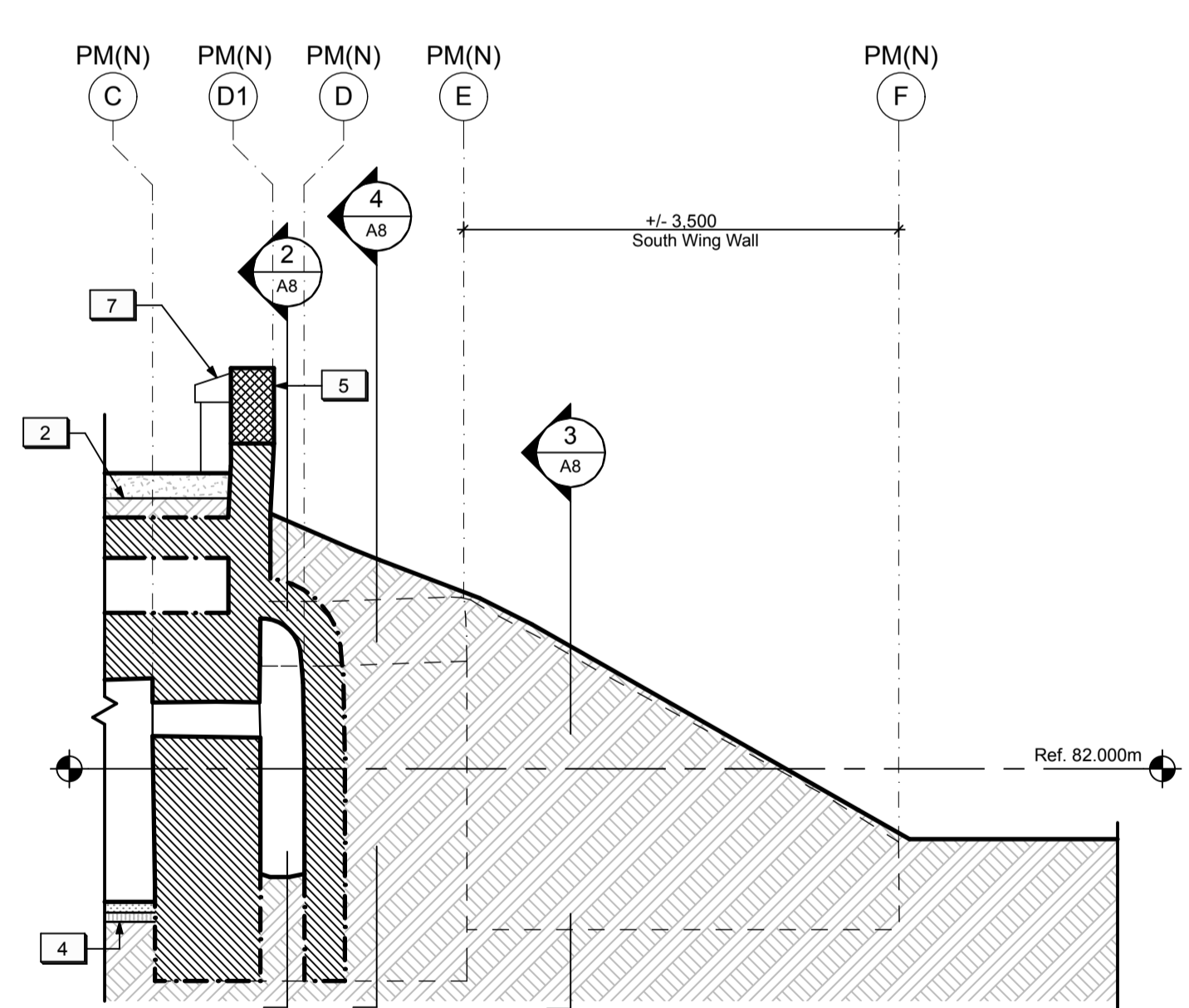
LONGITUDINAL SECTION / ELEVATION LOOKING NORTH
1
A7



LONGITUDINAL SECTION THROUGH EARTHWORKS LOOKING SOUTH
2
A7



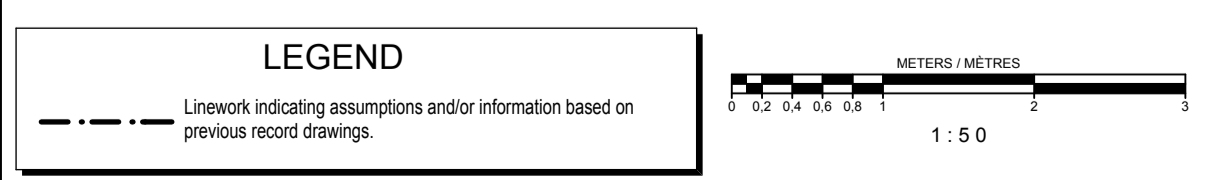
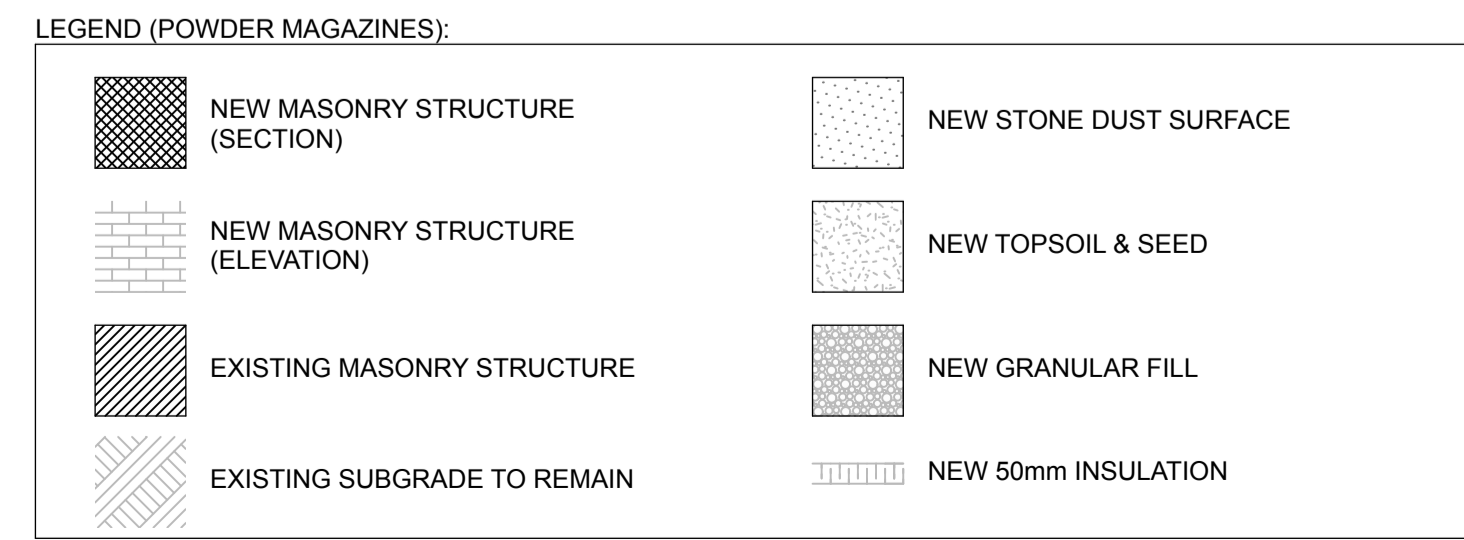
LONGITUDINAL SECTION / ELEVATION LOOKING SOUTH
3
A7



LONGITUDINAL SECTION THROUGH EARTHWORKS LOOKING NORTH
4
A7

- GENERAL NOTES (POWDER MAGAZINES):**
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01	Issued for 33% Review	2016/02/05
revision	issued / revisions	yyyy/mm/dd

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	A Detail number	A Numero de detail
	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters / Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client
Signature _____ Date _____
File No. / No. de dossier _____



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Type of Record / Type d'enregistrement
-

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
POWDER MAGAZINE (NORTH) - SECTIONS & ELEVATIONS 1

Scale / Echelle
1:50
Drawn by / Dessiné par
AC / ML
Date
2016.02.05

Field Recording by / Relevé-Terminé par
Date

Approved by / Approuvé par
Date

Checked by / Vérifié par

Project No. / No. du projet PRO 000808	Asset No. 1300164	Sheet No. / Feuille No. A7
Drawing Reference No./No. du Dessin		



04	Issued for tender	2016/05/12
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Client Acceptance / Acceptation du client
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JOB NO. 60295
 Type of Record / Type d'enregistrement

Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

POWDER MAGAZINE (NORTH) - SECTIONS & ELEVATIONS 2

Scale / Echelle
1:50

Drawn by / Dessine par
AC / ML Date 2016.02.05

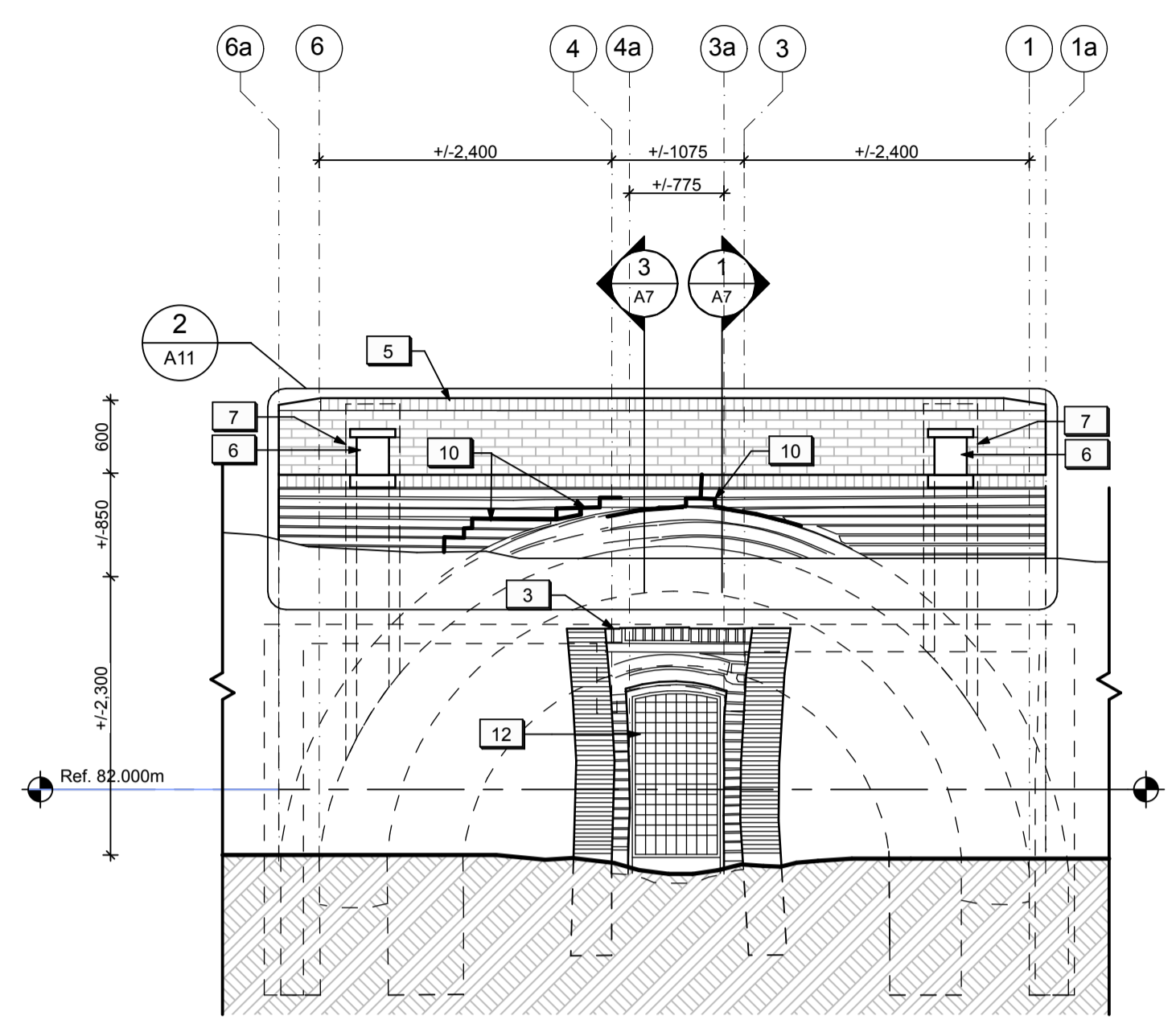
Field Recording by / Relevé-Terminé par

Approved by / Approuvé par _____ Date _____

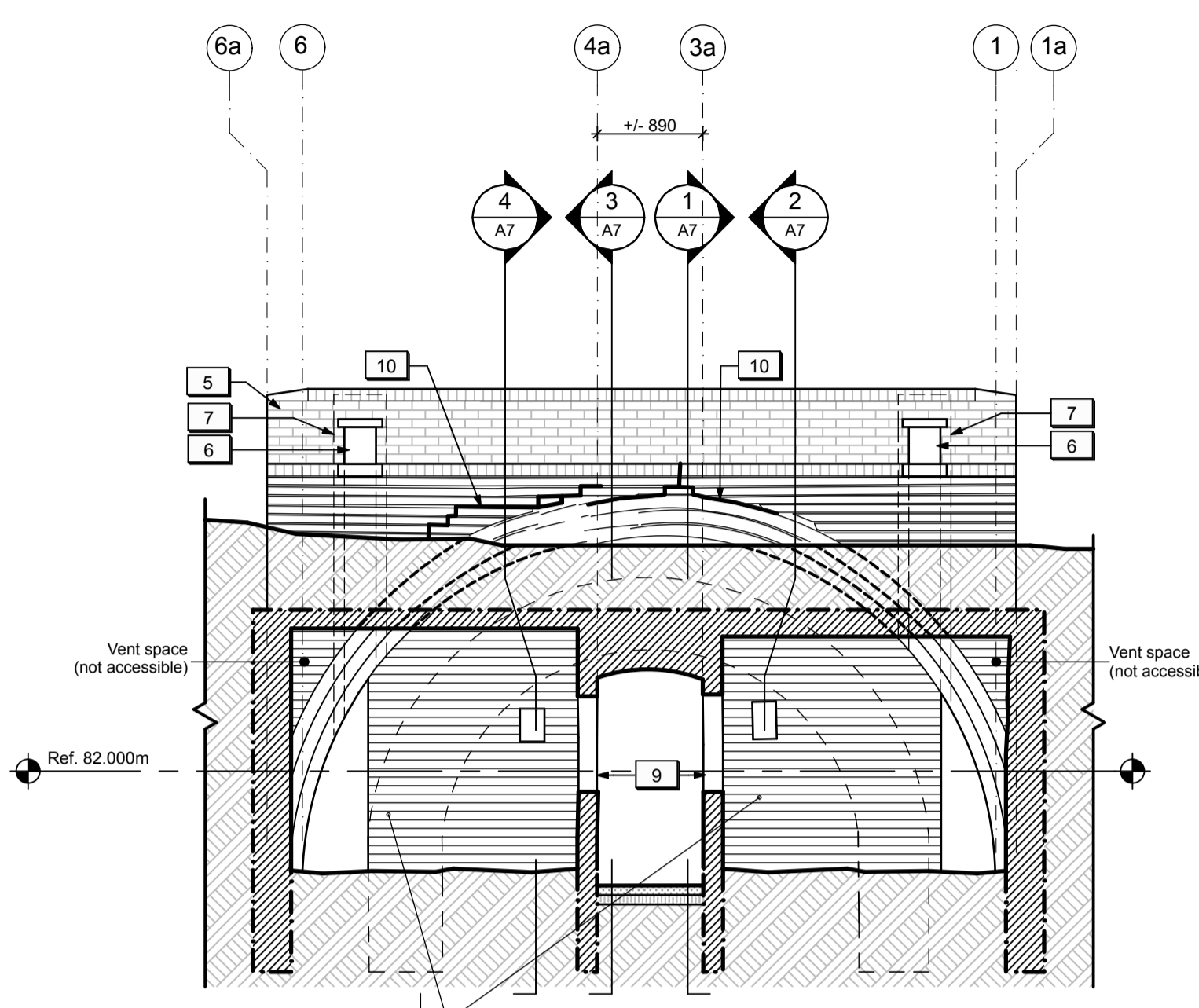
Checked by / Vérifié par _____

Project No. / No. du projet PRO 000808	Asset No. 1300164	Sheet No. / Feuille No. A8
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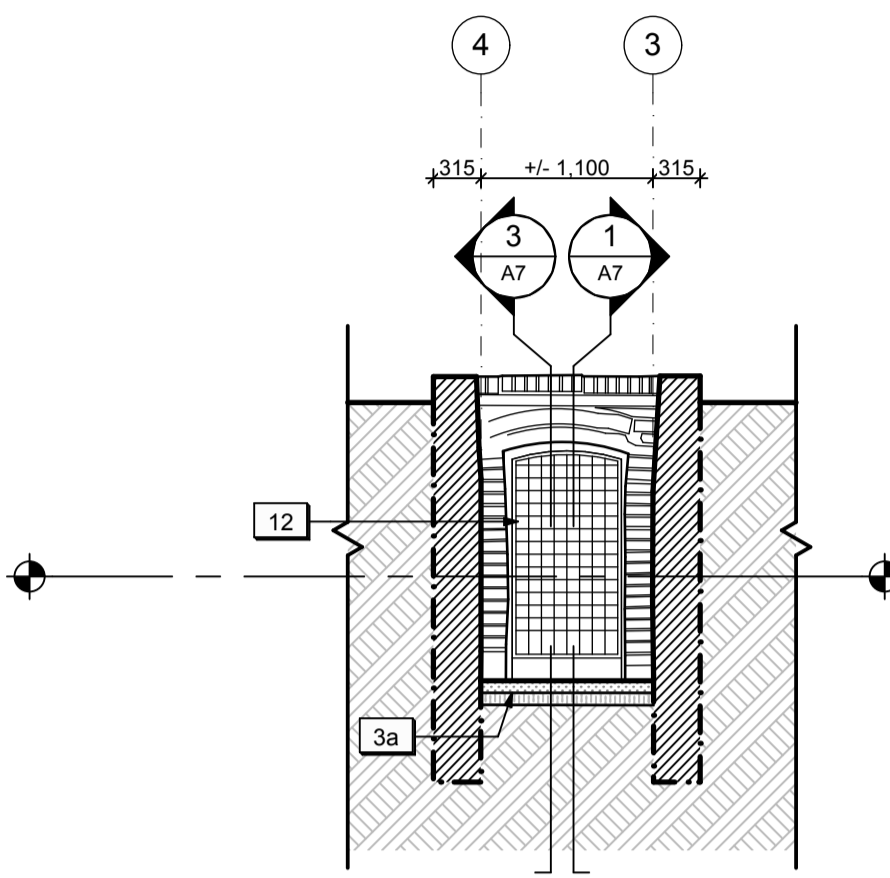
Drawing Reference No./No. du Dessin



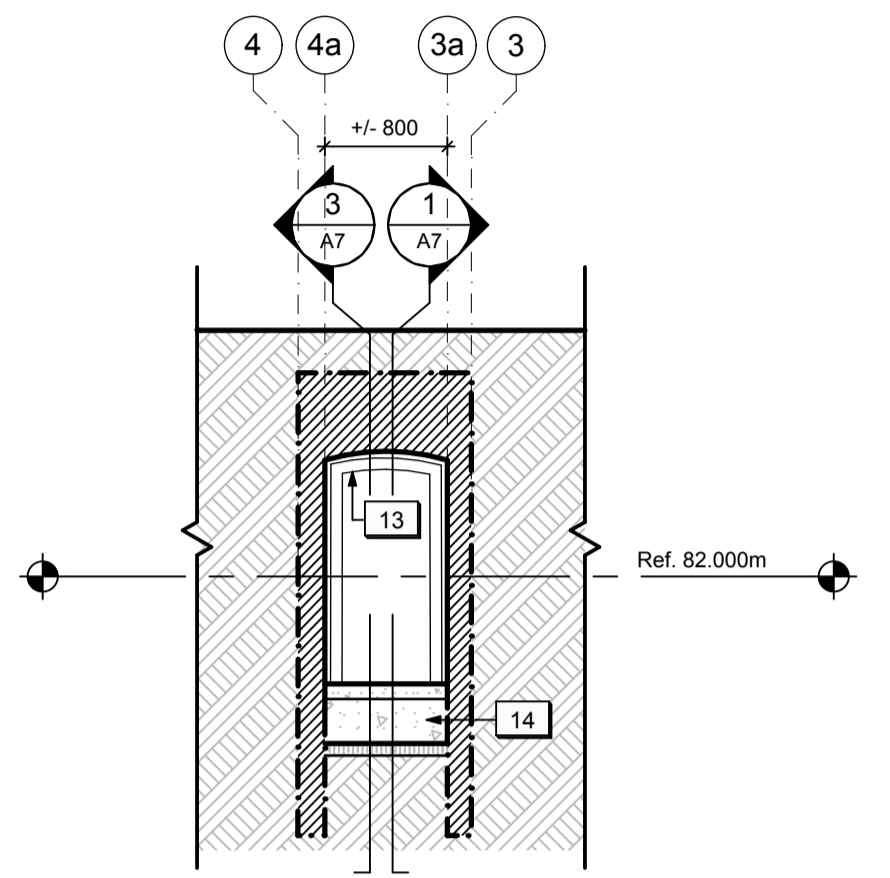
EXTERIOR ELEVATION LOOKING WEST
1:50



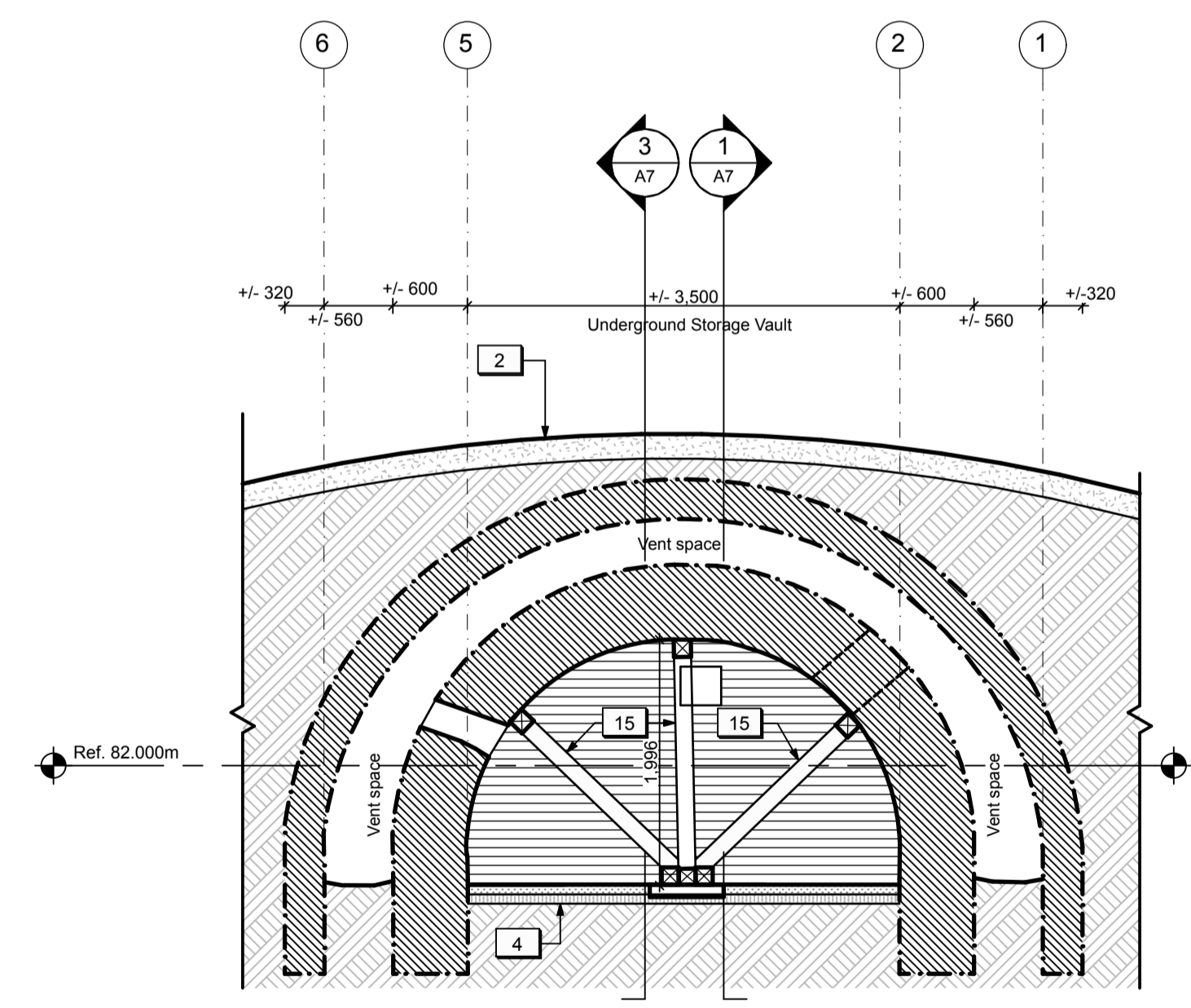
CROSS SECTION THROUGH VENT SPACE LOOKING WEST
1:50



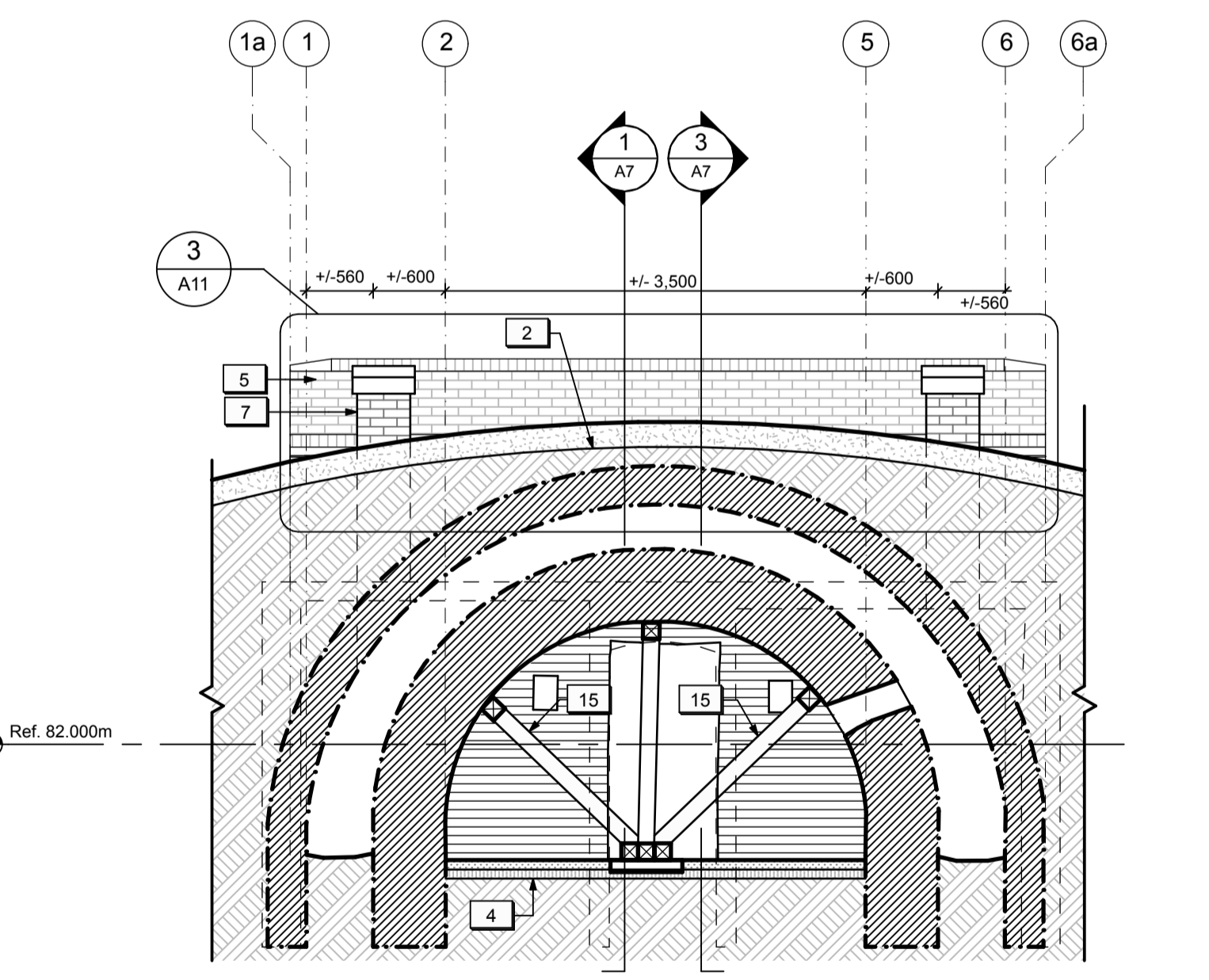
CROSS SECTION THROUGH WING WALLS LOOKING WEST
1:50



CROSS SECTION THROUGH UNDERGROUND PASSAGEWAY
1:50



CROSS SECTION THROUGH STORAGE VAULT LOOKING WEST
1:50



CROSS SECTION THROUGH STORAGE VAULT LOOKING EAST
1:50

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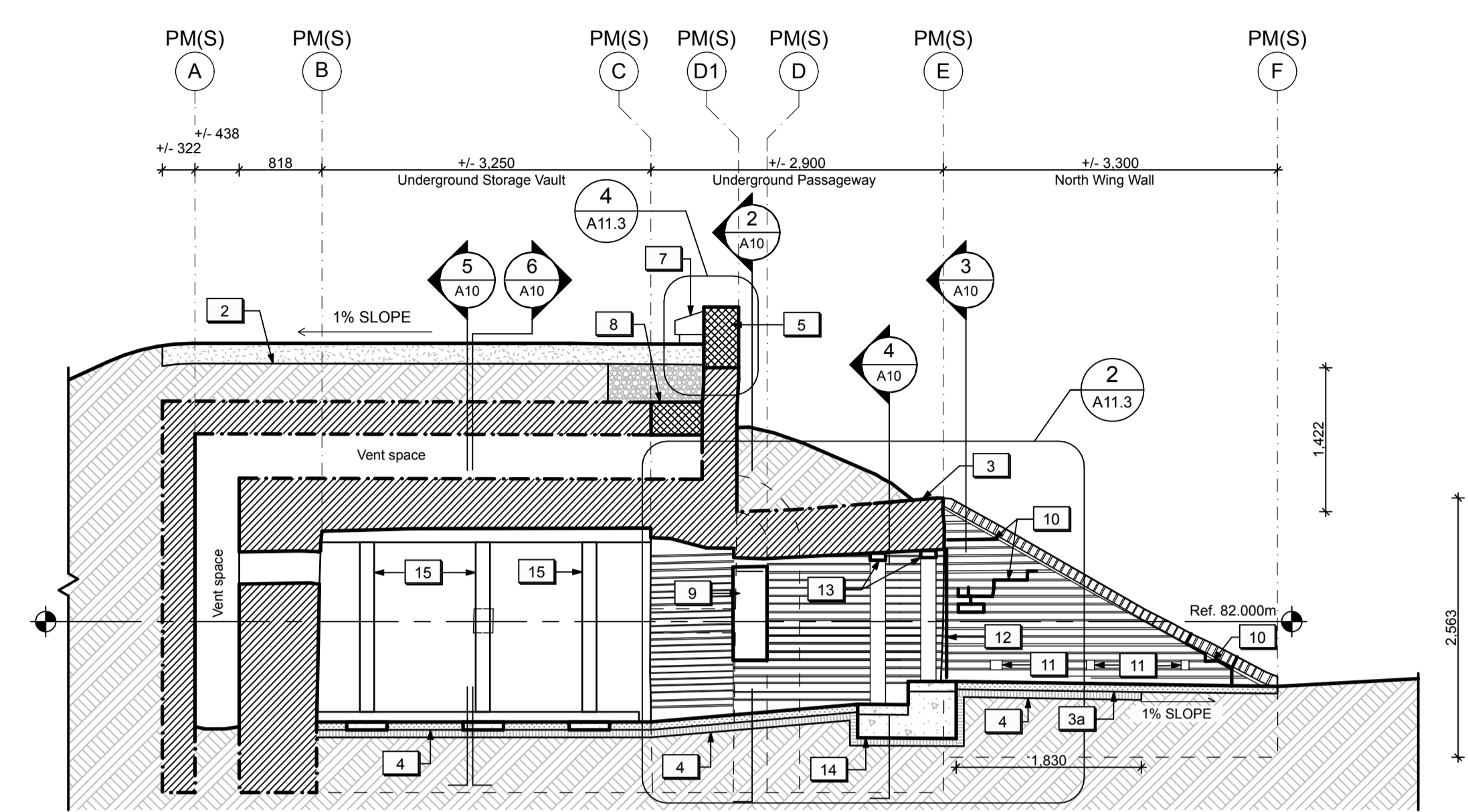
- DRAWING NOTES (POWDER MAGAZINES):
- New Granular A backfill c/w Miradrain and insulation. Refer to Landscape.
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LEGEND (POWDER MAGAZINES):

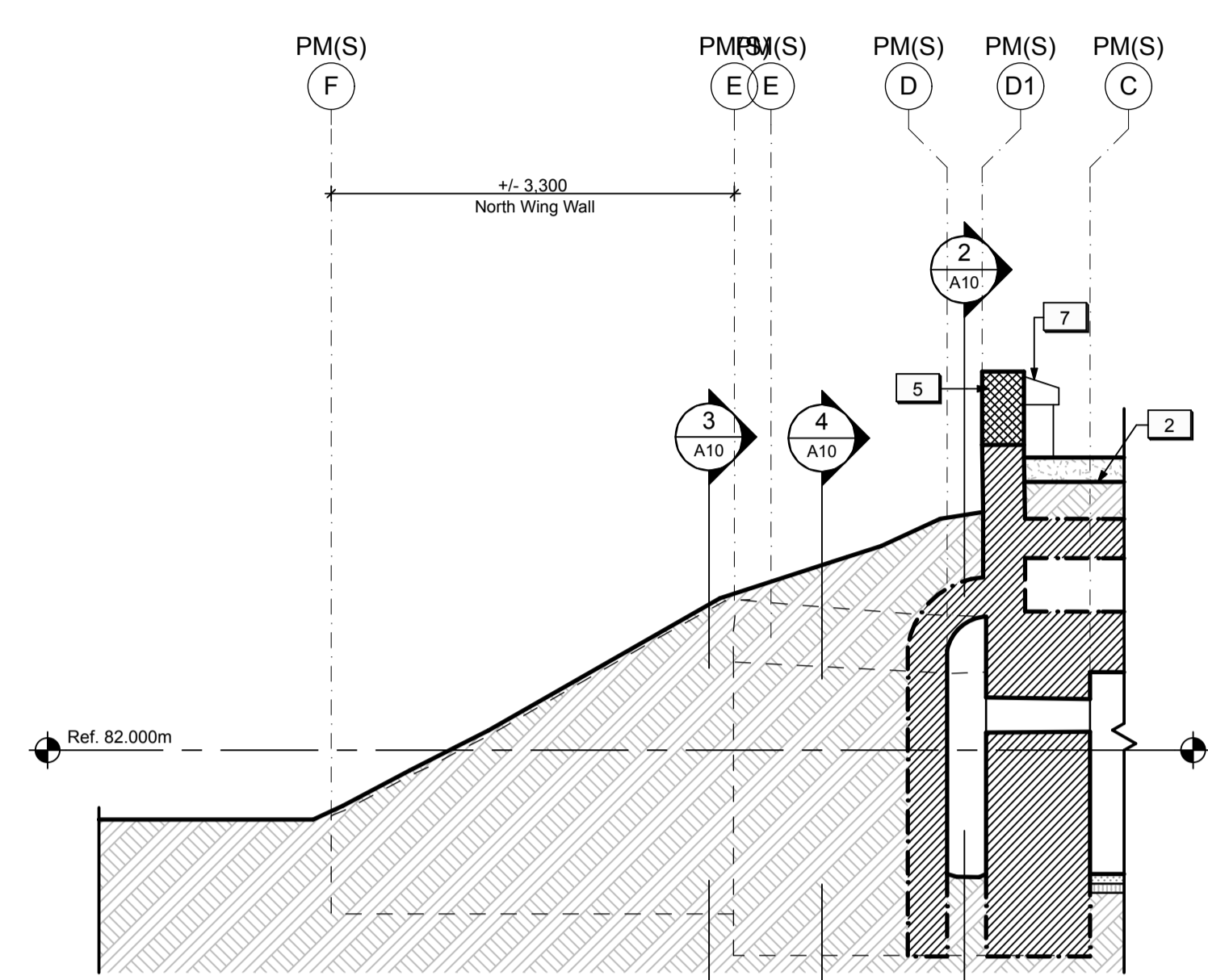
	NEW MASONRY STRUCTURE (SECTION)		NEW STONE DUST SURFACE
	NEW MASONRY STRUCTURE (ELEVATION)		NEW TOPSOIL & SEED
	EXISTING MASONRY STRUCTURE		NEW GRANULAR FILL
	EXISTING SUBGRADE TO REMAIN		NEW 50mm INSULATION

LEGEND
 Linework indicating assumptions and/or information based on previous record drawings.

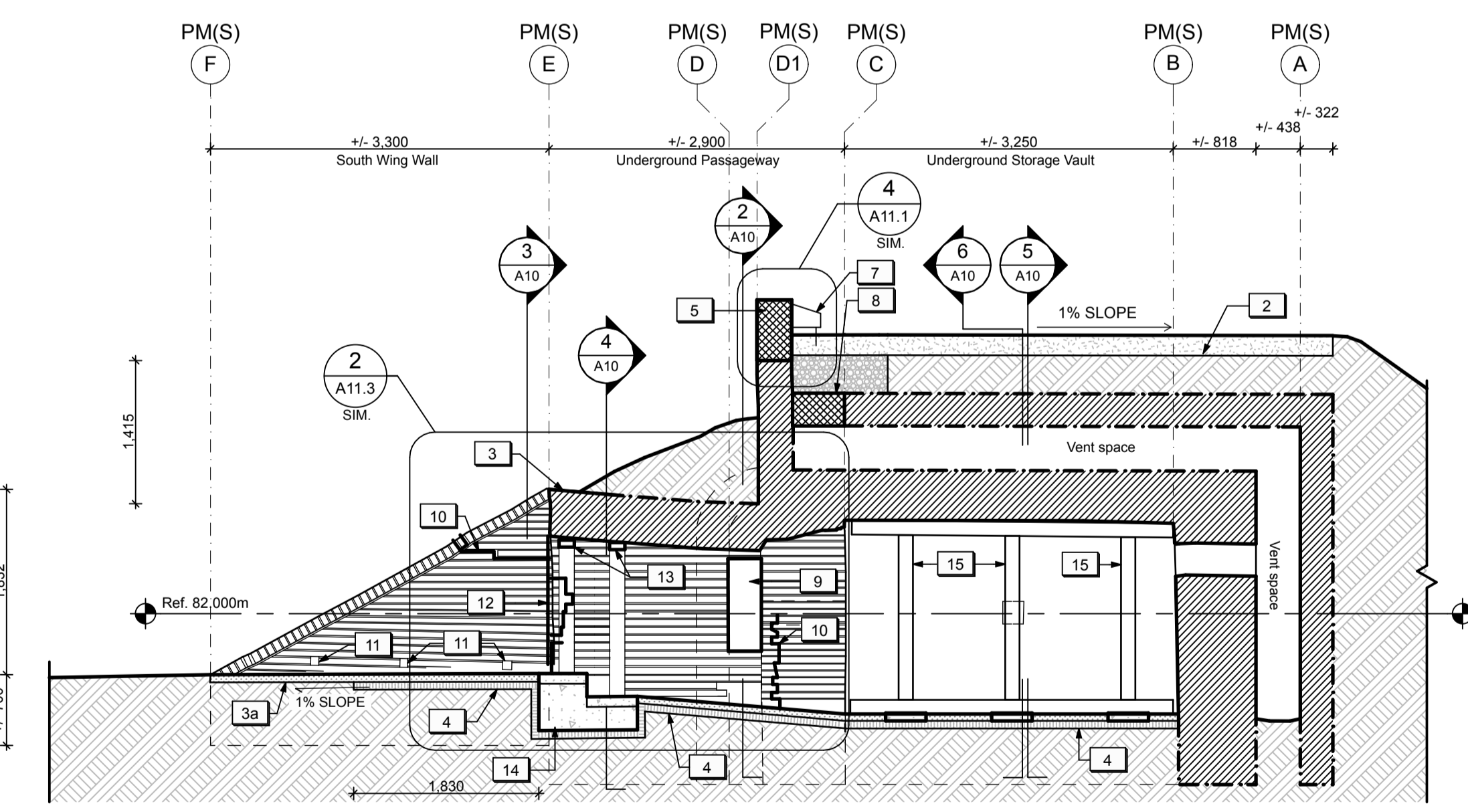
METERS / METRES
1:50



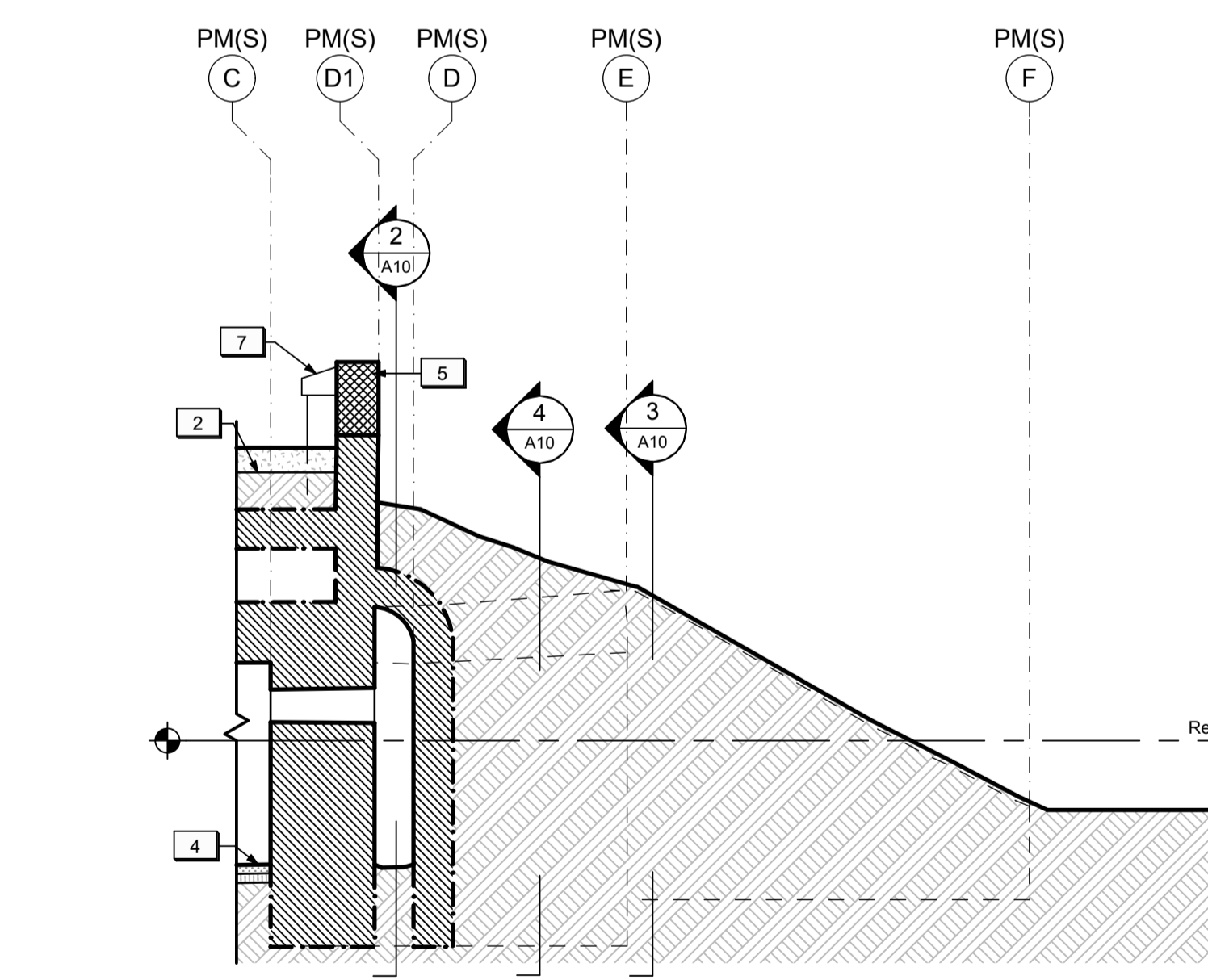
LONGITUDINAL SECTION / ELEVATION LOOKING NORTH
1:50 (1/50)



LONGITUDINAL SECTION THROUGH EARTHWORKS LOOKING SOUTH
1:50 (1/50)



LONGITUDINAL SECTION / ELEVATION LOOKING SOUTH
1:50 (1/50)



LONGITUDINAL SECTION THROUGH EARTHWORKS LOOKING NORTH
1:50 (1/50)

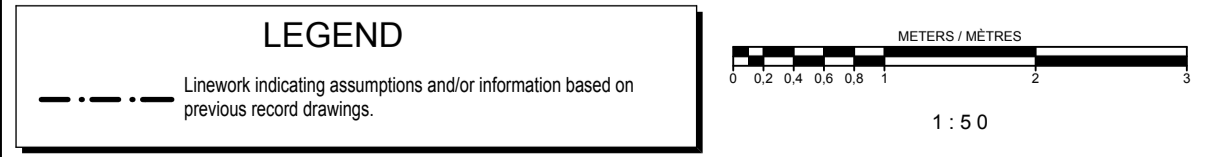
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LEGEND (POWDER MAGAZINES):

	NEW MASONRY STRUCTURE (SECTION)		NEW STONE DUST SURFACE
	NEW MASONRY STRUCTURE (ELEVATION)		NEW TOPSOIL & SEED
	EXISTING MASONRY STRUCTURE		NEW GRANULAR FILL
	EXISTING SUBGRADE TO REMAIN		NEW 50mm INSULATION



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revision	issued / revisions	yyyy/mm/dd

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Linear dimensions in millimeters / Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client
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Type of Record / Type d'enregistrement

Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

POWDER MAGAZINE (SOUTH) - SECTIONS & ELEVATIONS 1

Scale / Echelle
1:50

Drawn by / Dessiné par
AC / ML
Date
2016.02.05

Field Recording by / Relevé-Terminé par
Date

Approved by / Approuvé par
Date

Checked by / Vérifié par

Project No. / No. du projet
PRO 000808
Asset No.
1300164
Sheet No. / Feuille No.
A9

Drawing Reference No./No. du Dessin



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 File No. / No. de dossier _____



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 SOUTHWESTERN ONTARIO FIELD UNIT

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Job No. 60295
 Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
POWDER MAGAZINE (SOUTH) - SECTIONS & ELEVATIONS 2

Scale / Echelle
 1:50

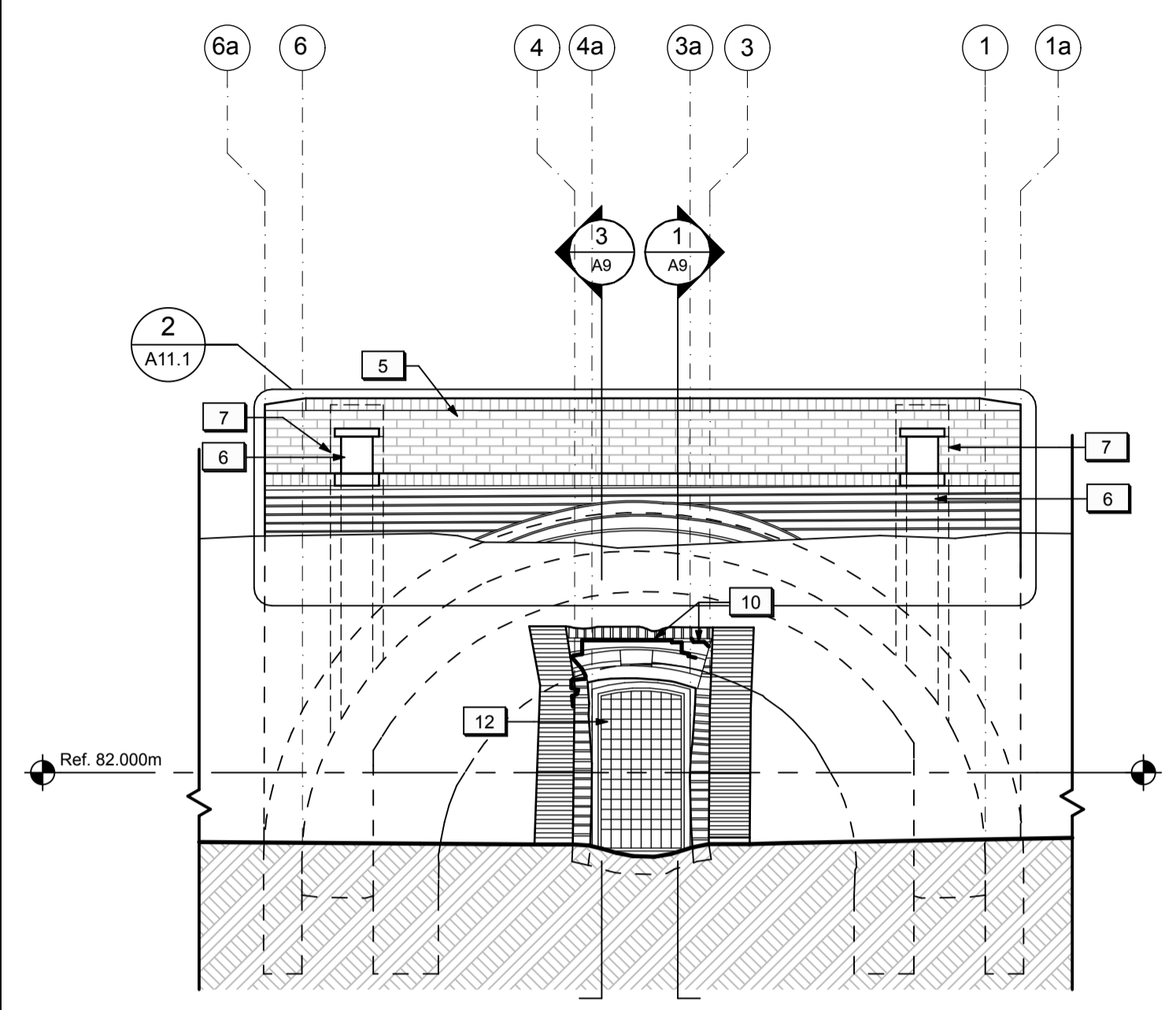
Drawn by / Dessine par
 AC / ML Date 2016.02.05

Field Recording by / Relevé-Terminé par

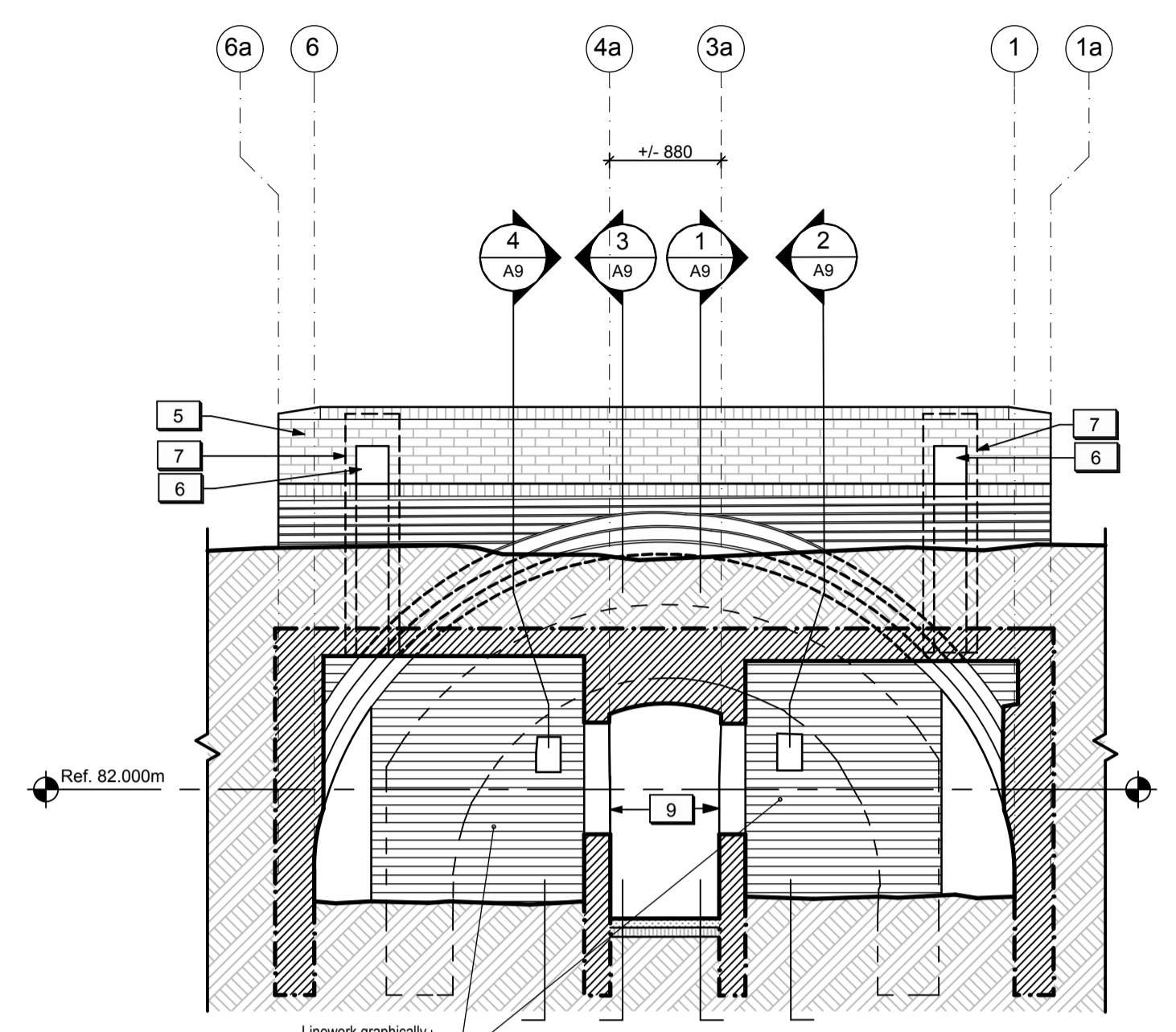
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Checked by / Vérifié par

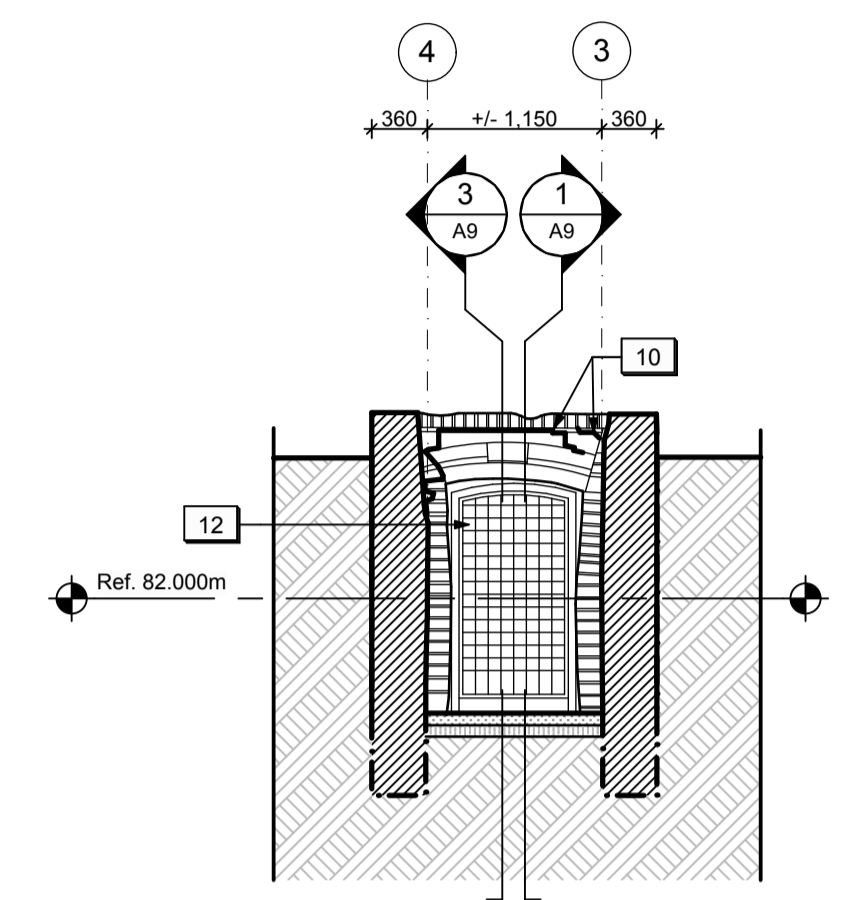
Project No. / No. du projet PRO 000808	Asset No. 1300164	Sheet No. / Feuille No. A10
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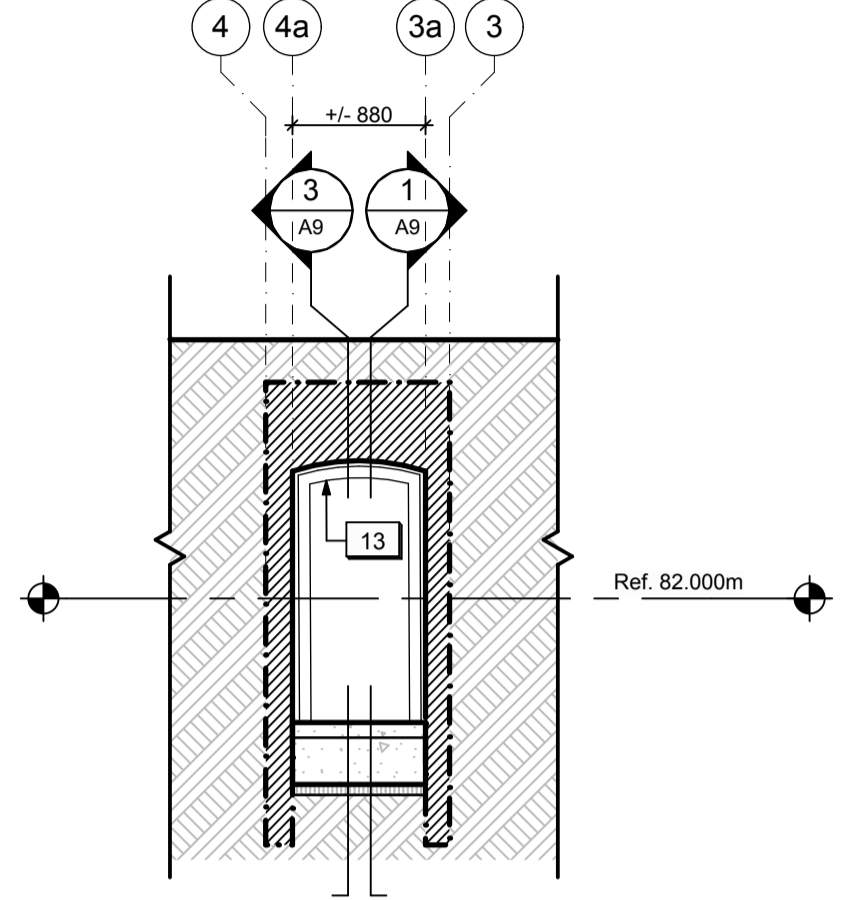
EXTERIOR ELEVATION LOOKING WEST
 1:50 (1) A10



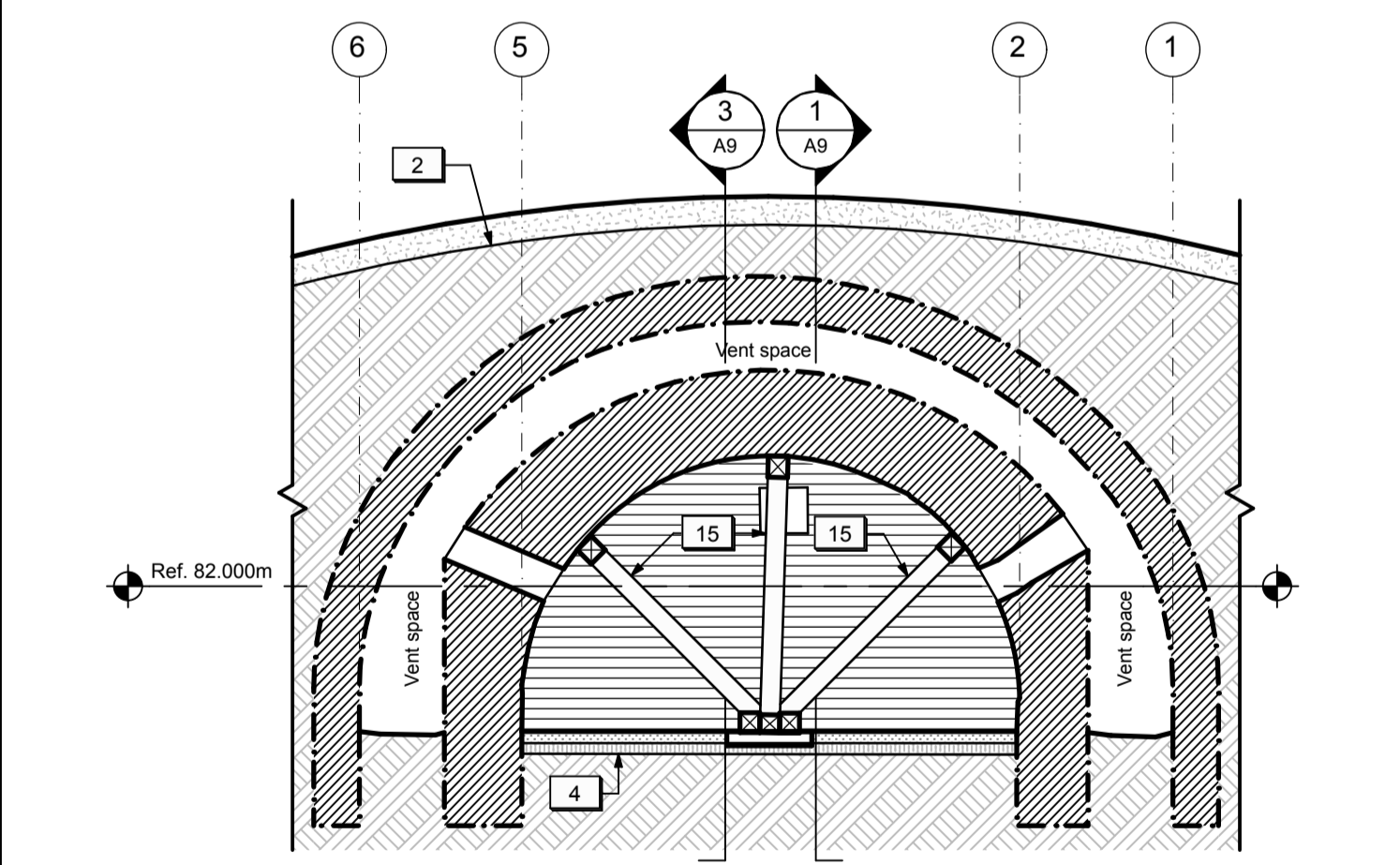
CROSS SECTION THROUGH VENT SPACE LOOKING WEST
 1:50 (2) A10



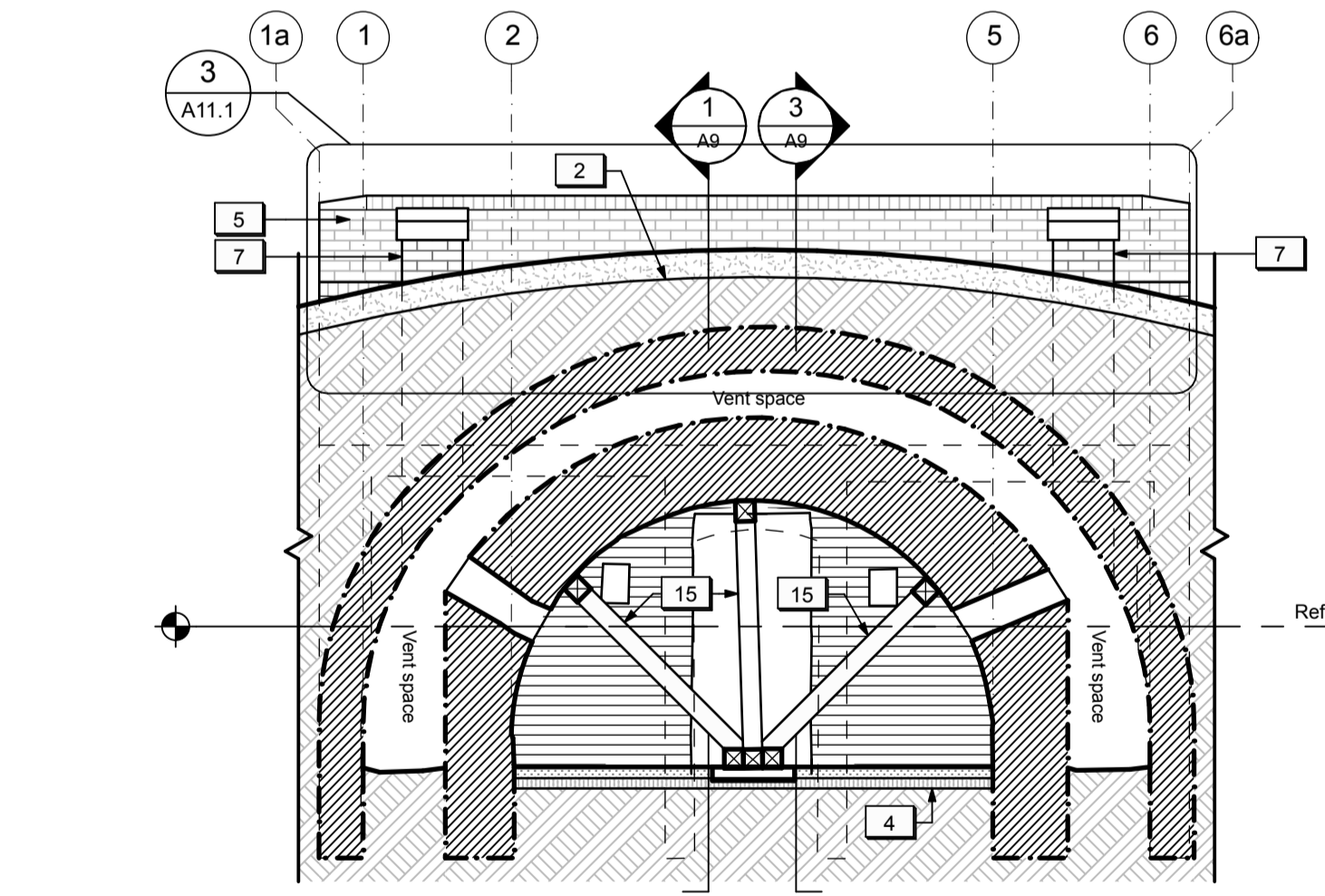
CROSS SECTION THROUGH WING WALLS
 1:50 (3) A10



CROSS SECTION THROUGH UNDERGROUND PASSAGWAY
 1:50 (4) A10



CROSS SECTION THROUGH STORAGE VAULT LOOKING WEST
 1:50 (4) A10



CROSS SECTION THROUGH STORAGE VAULT LOOKING EAST
 1:50 (5) A10

- GENERAL NOTES (POWDER MAGAZINES):
- General masonry repairs and repointing to be undertaken to various exposed masonry walls / surfaces on the exterior (Cash Allowance). Existing masonry walls / surfaces within the underground passageways, storage vaults, and vent spaces to remain as is except where noted.
 - Existing modern graffiti within the underground passageways, storage vaults, and vent spaces to remain.

- DRAWING NOTES (POWDER MAGAZINES):
- New Granular A backfill c/w Miradrain and insulation. Refer to Landscape.
 - New moisture barrier over the underground structure sloped to perimeter. Refer to Landscape.
 - Existing grade / vegetation covering brick coping to be cleared 300 mm back.
 - Existing grade in the exterior passageway to be revised to ensure positive drainage. Refer to Landscape.
 - New horizontal insulation below grade to protect the existing masonry footings. Refer to Structural.
 - New brick parapet wall extension. Refer to details.
 - New vent opening in brick parapet wall extension c/w metal security grille. Refer to details.
 - New brick vent shaft extensions capped with sloped stone caps. Refer to details.
 - Localized masonry repairs at failure in the outer brick vault structure. Refer to Structural.
 - Existing masonry openings to be enlarged to improve ventilation in the vent spaces beyond.
 - Area of localized masonry structural crack repairs (unit price).
 - Existing drainage holes to be clear of debris/free-draining.
 - Existing metal gate to be restored and reinstalled. Refer to details.
 - New steel support frame. Refer to Structural.
 - New concrete strut beam below grade. Refer to Structural.
 - New wood shoring frame. Refer to Structural.
 - New drainage pan to French drain. Refer to Landscape.
 - New French drain. Refer to Landscape.

LEGEND (POWDER MAGAZINES):

	NEW MASONRY STRUCTURE (SECTION)		NEW STONE DUST SURFACE
	NEW MASONRY STRUCTURE (ELEVATION)		NEW TOPSOIL & SEED
	EXISTING MASONRY STRUCTURE		NEW GRANULAR FILL
	EXISTING SUBGRADE TO REMAIN		NEW 50mm INSULATION

LEGEND
 - - - - - Linework indicating assumptions and/or information based on previous record drawings.

1:50

Filename: /Volumes/Mother/2 PROJECT FILES/ACTIVE/FORT MISSISSAUGA/DRAWINGS/Powder Magazine WD.pln Plotted: 2016-05-12 12:30 PM

Filename: 'Volume\Mother\2 PROJECT FILES\ACTIVE\FORT MISSISSAUGAZ DRAWINGS\03 WORKING DRAWINGS\Fort Magazine WD.pln' Plotdate: 2016-05-12 12:30 PM



revision	issued / revisions	yyyy/mm/dd
04	Issued for tender	2016/05/12
03	Issued for 99% Review	2016/04/28
02	Issued for 66% Review	2016/03/09
01	Issued for 33% Review	2016/02/05

Do not scale drawings.
Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.

A	A Detail number	A Numero de detail
B	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters / Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client

Signature: _____ Date: _____
File No. / No. de dossier: _____



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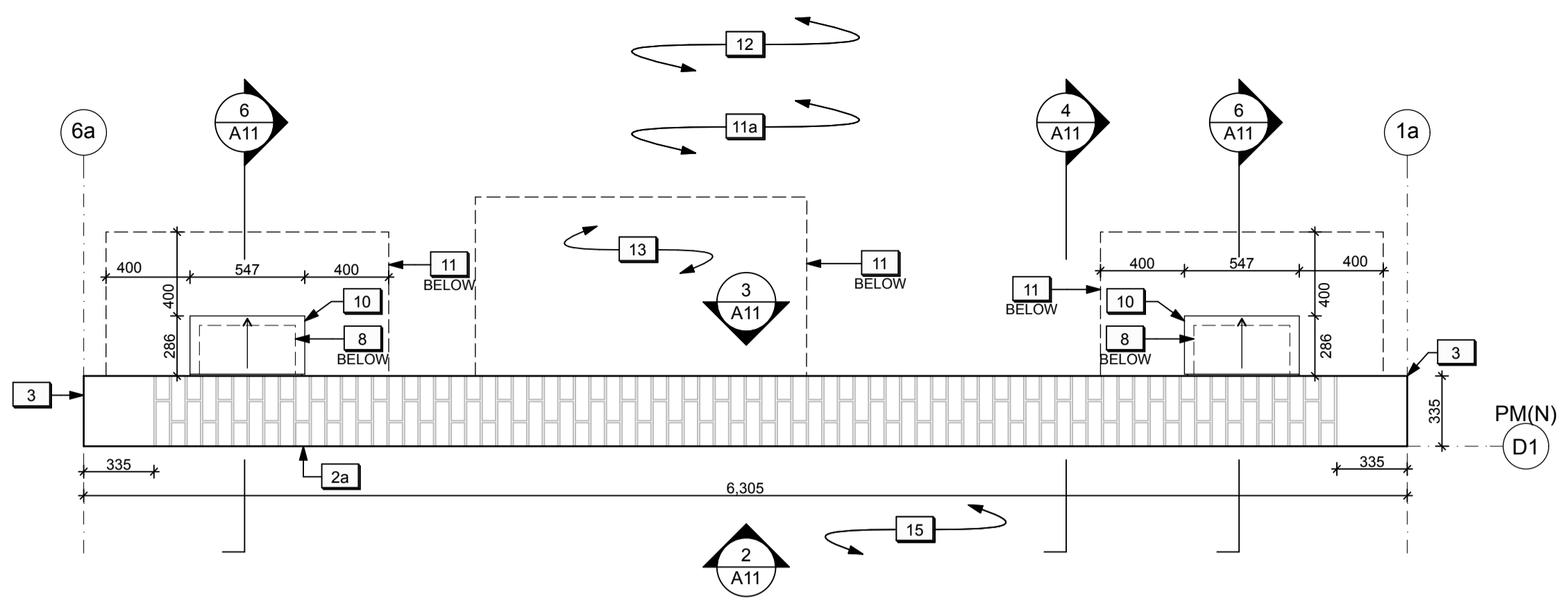
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Type of Record / Type d'enregistrement: -
Project title / Titre du projet: FORT MISSISSAUGA STABILIZATION PHASE II
Drawing title / Titre du dessin: NORTH POWDER MAGAZINE - PARAPET WALL DETAILS

Scale / Echelle: 1:50
Drawn by / Dessiné par: AC / ML Date: 2016.02.05
Field Recording by / Relevé-Terminé par: _____ Date: _____

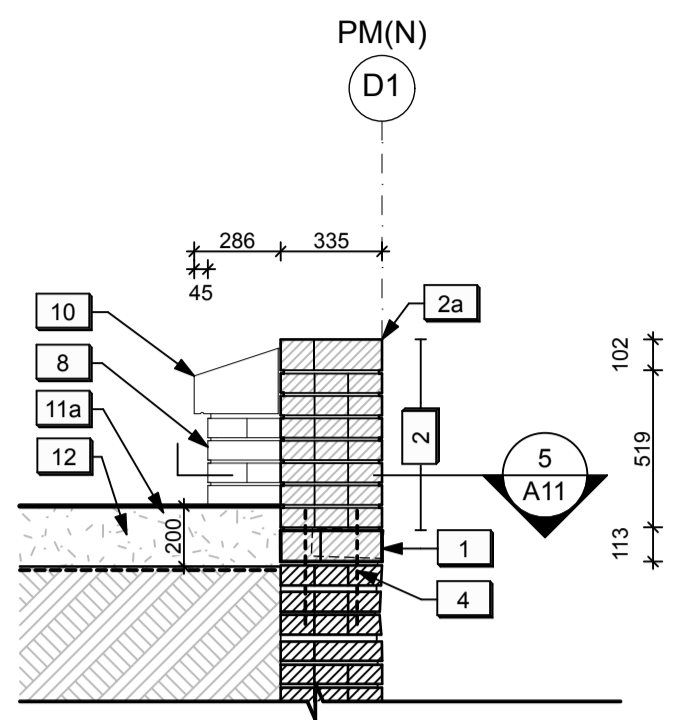
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Checked by / Vérifié par: _____

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Drawing Reference No. / No. du Dessin: A11

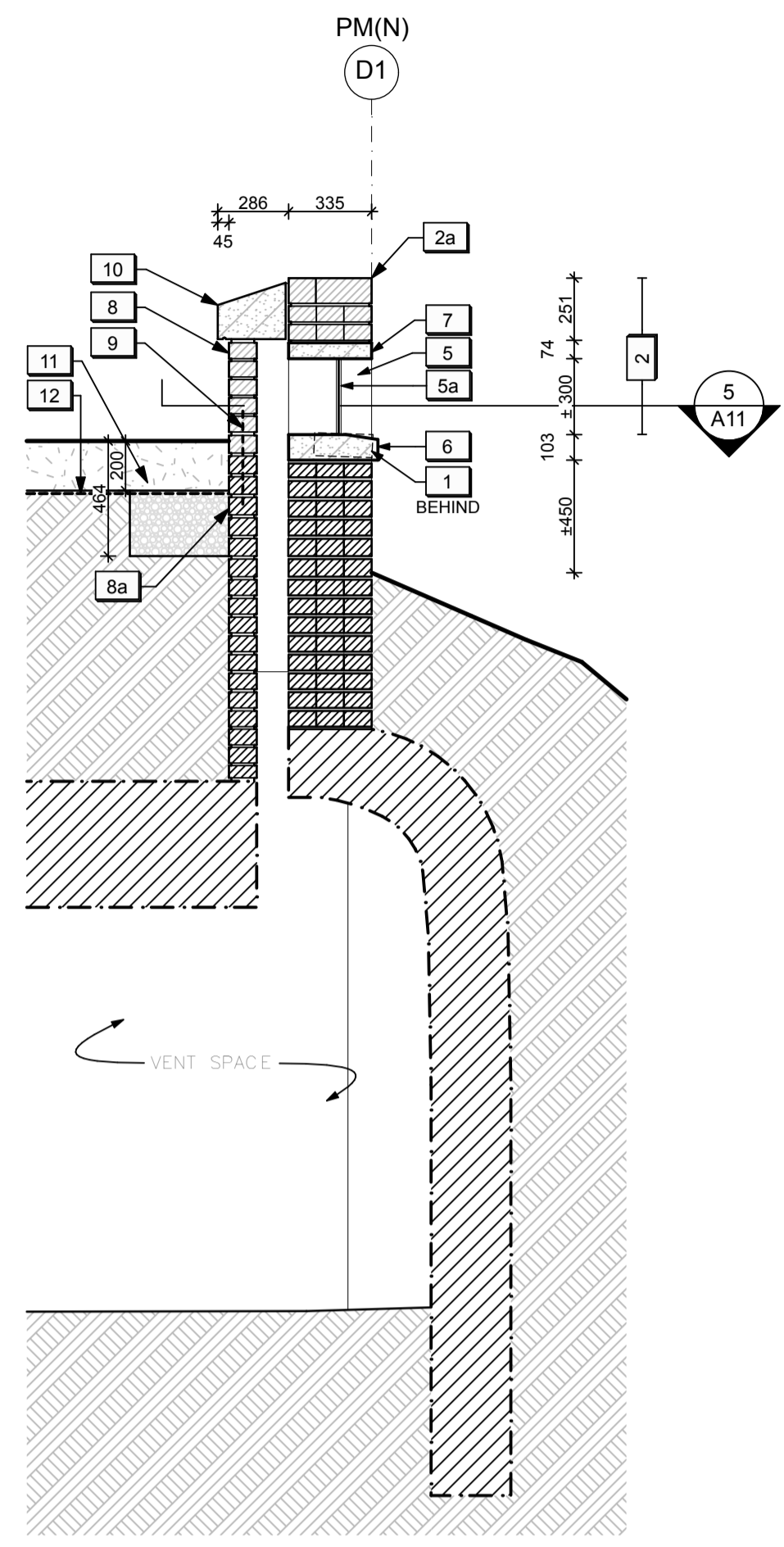
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PRO 000808	1300164	A11
Drawing Reference No. / No. du Dessin		



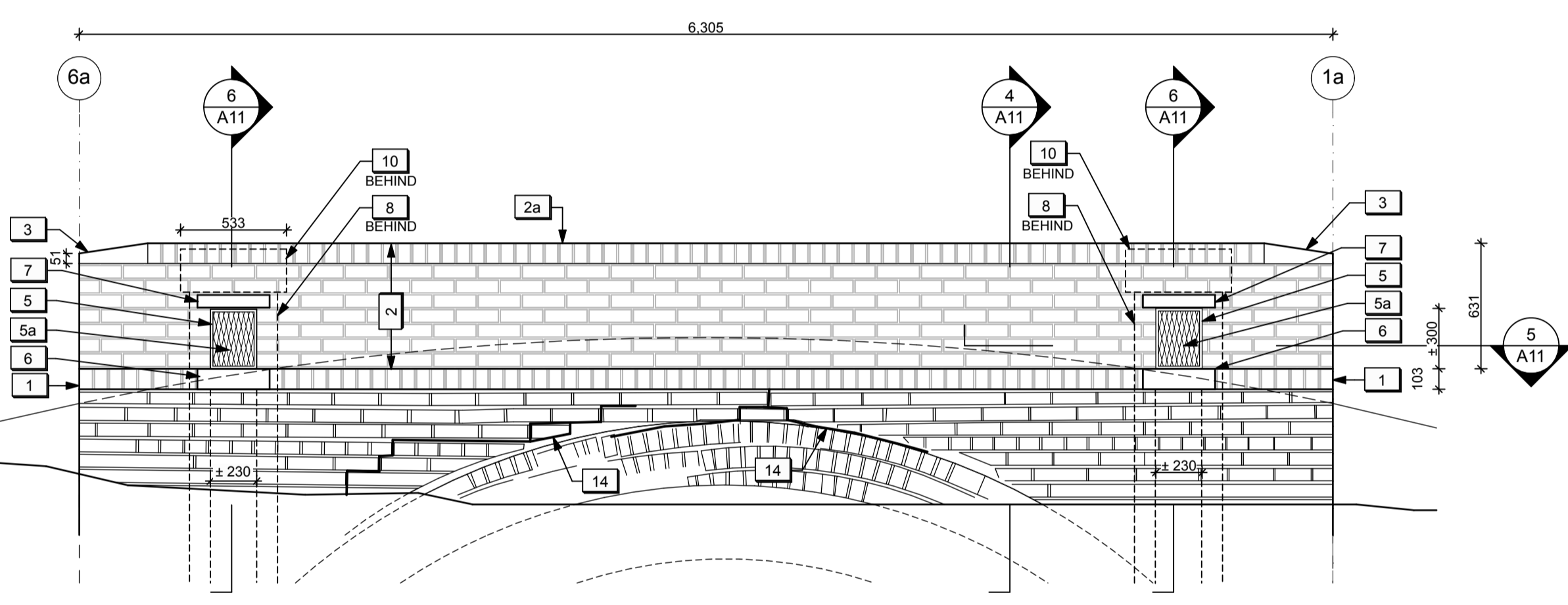
PARAPET WALL PLAN - TOP VIEW
1:25 A11



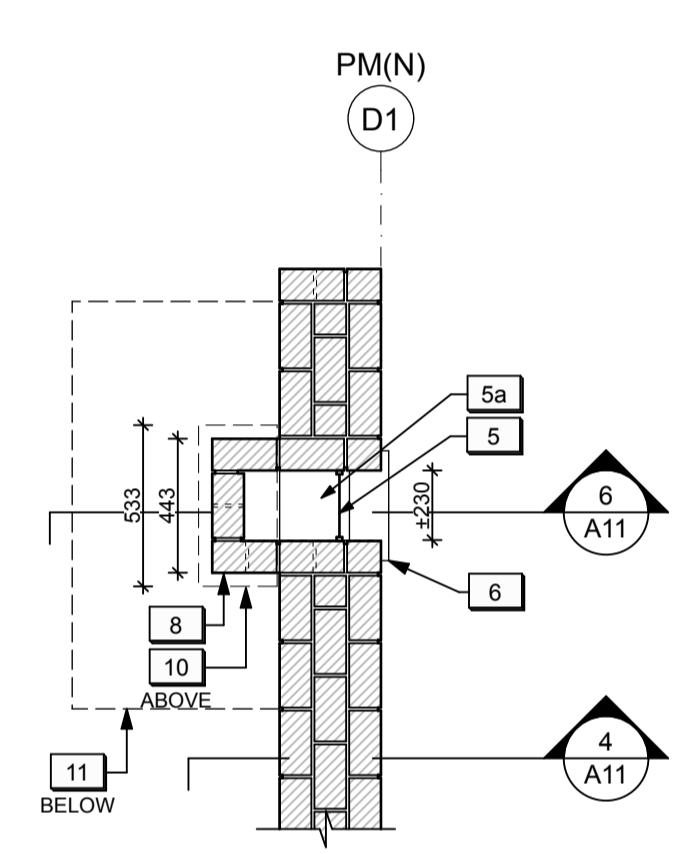
TYPICAL CROSS SECTION THROUGH NEW PARAPET WALL
1:25 A11



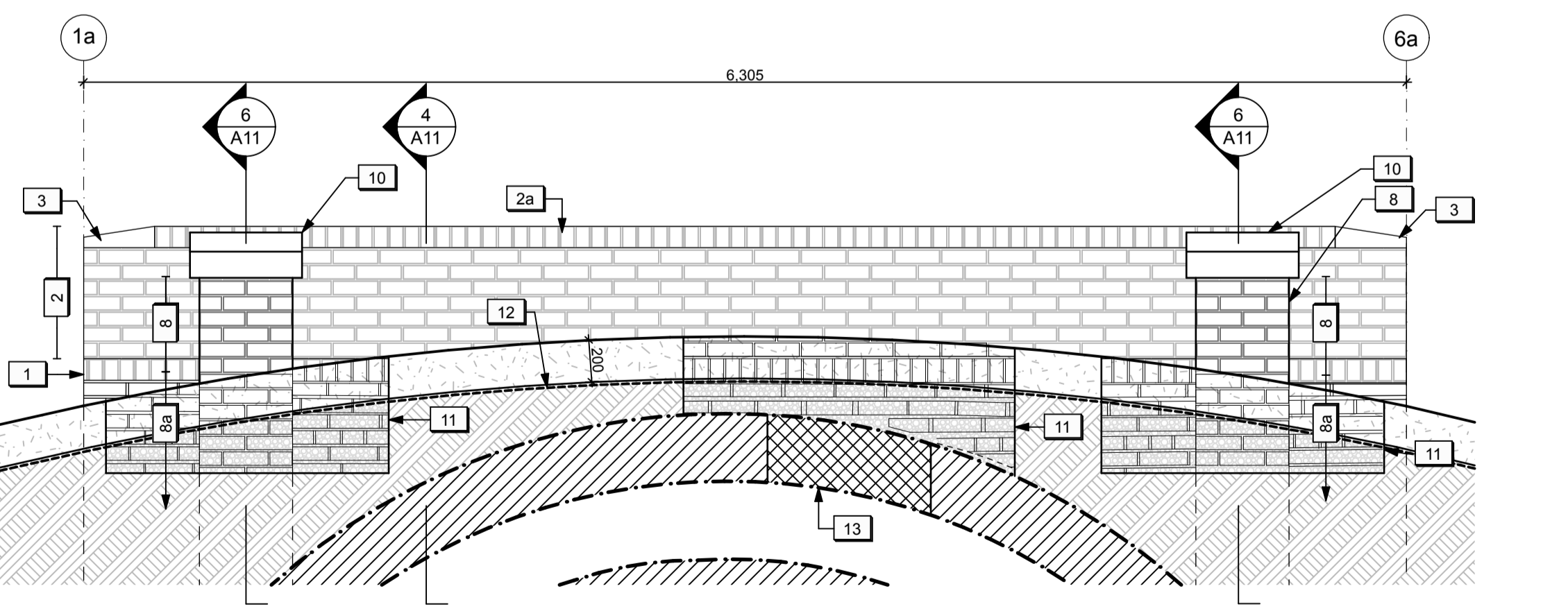
TYPICAL CROSS SECTION THROUGH VENT SHAFT
1:25 A11



PARAPET WALL ELEVATION LOOKING WEST
1:25 A11



PLAN SECTION THROUGH VENT SHAFT & PARAPET WALL
1:25 A11



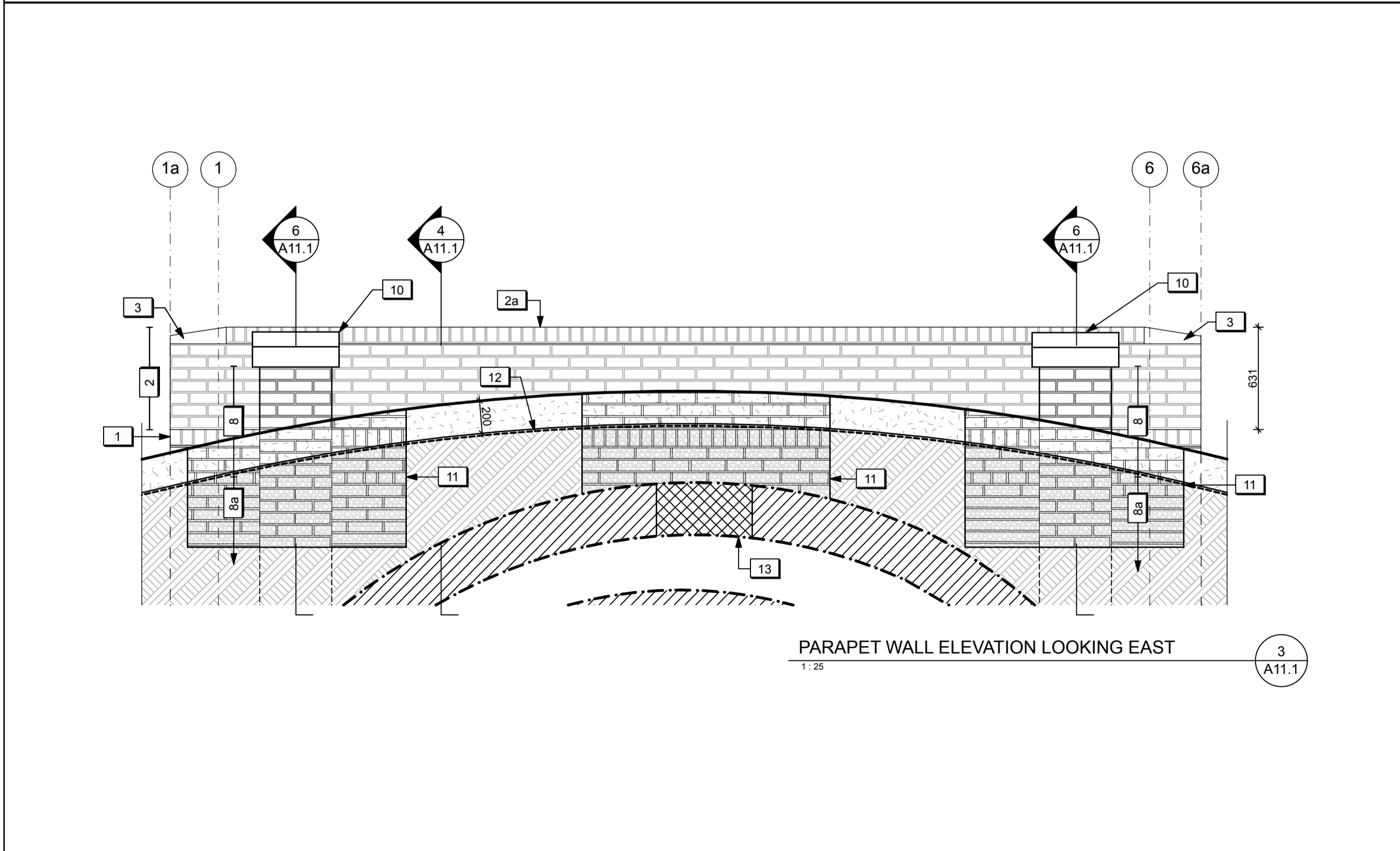
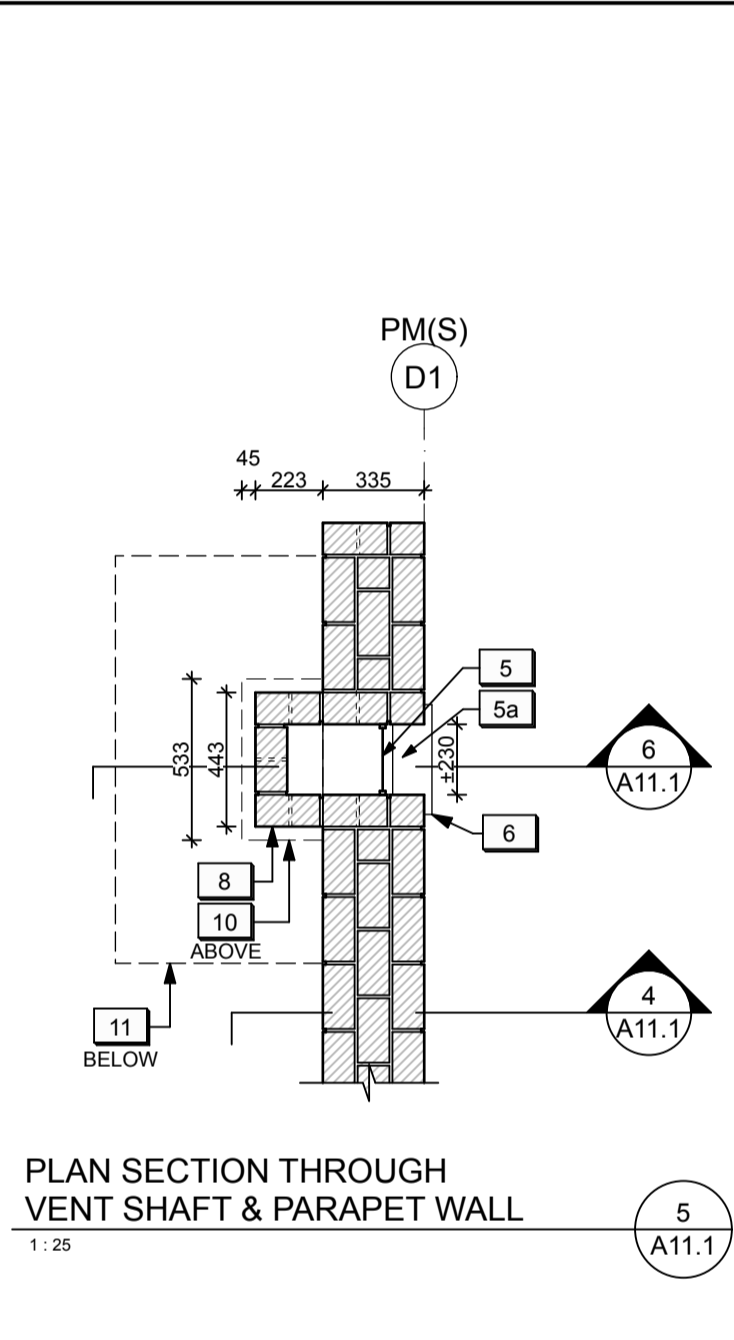
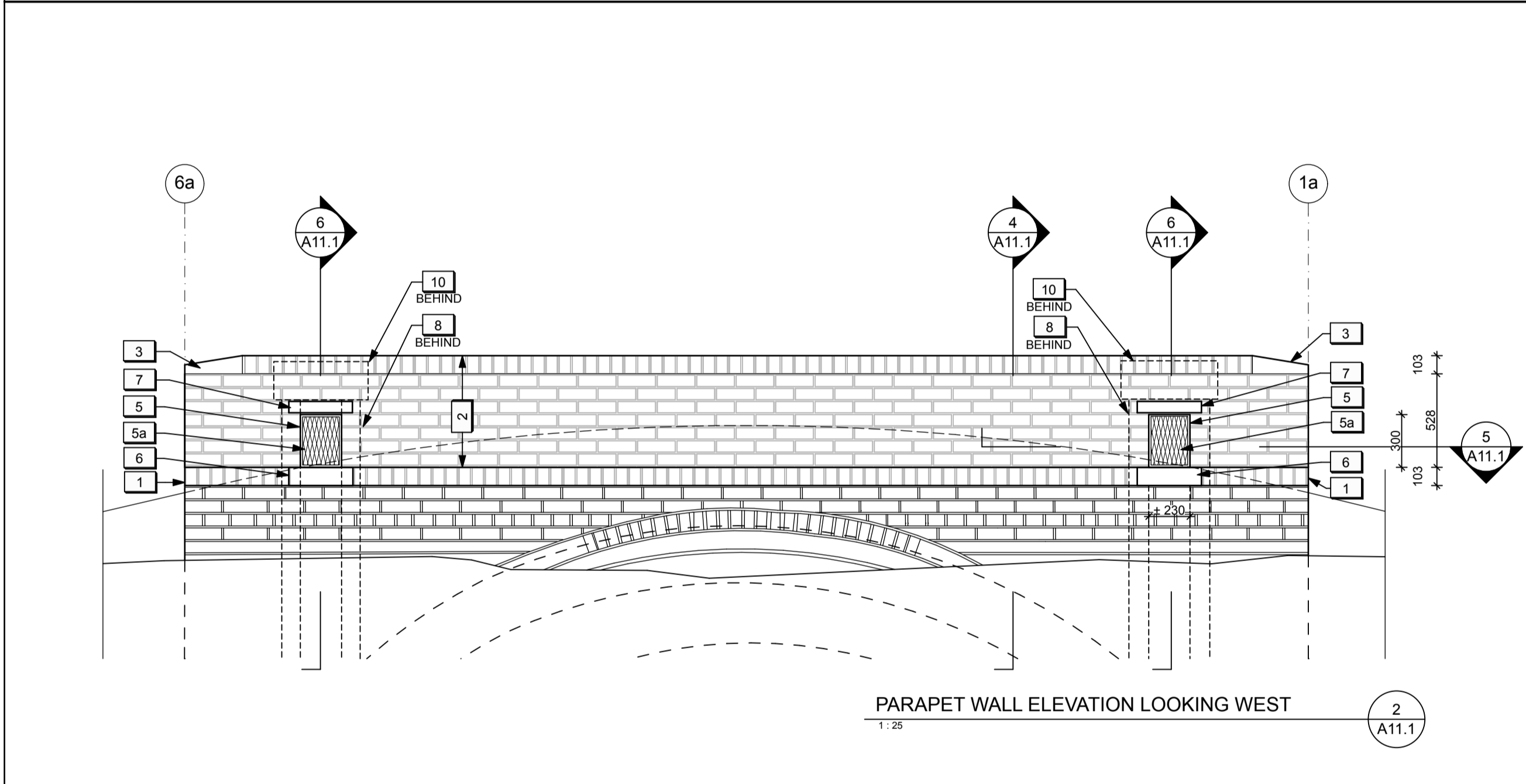
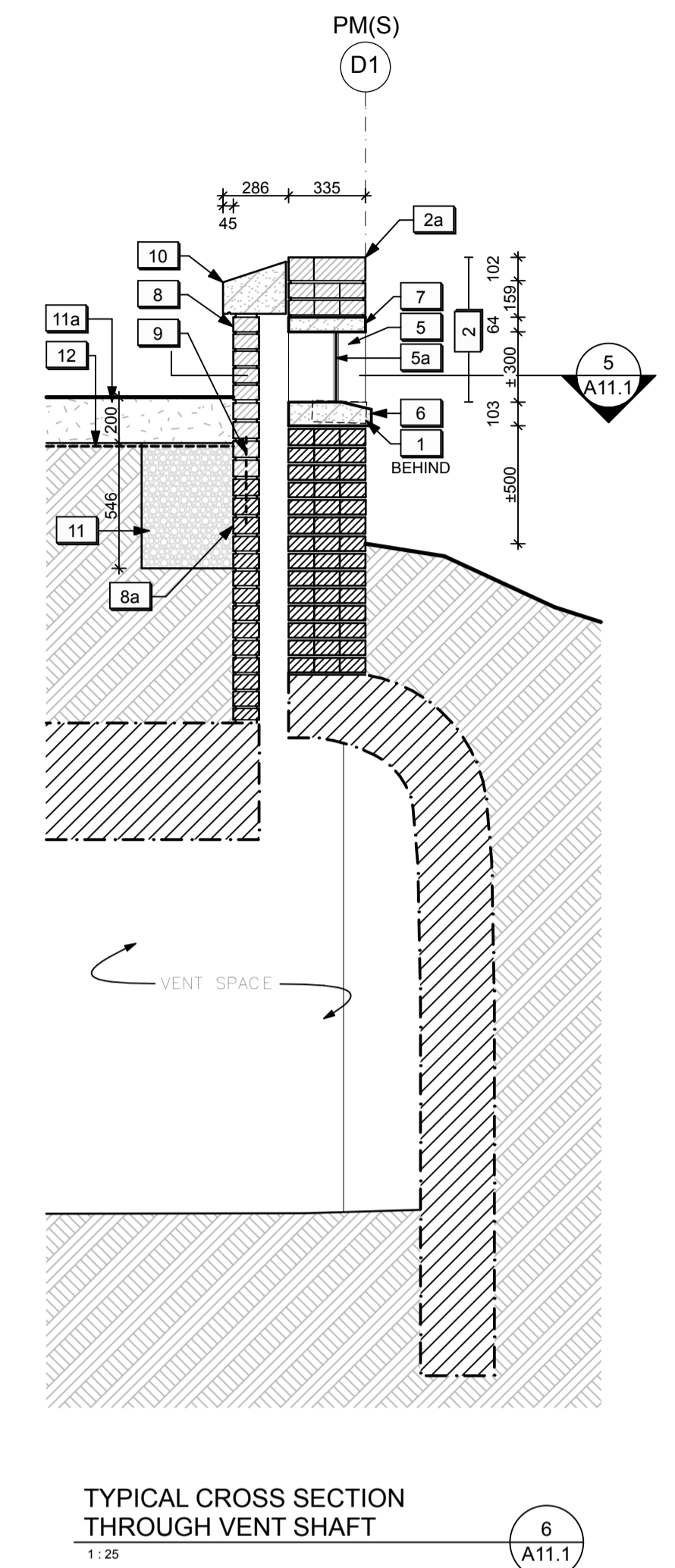
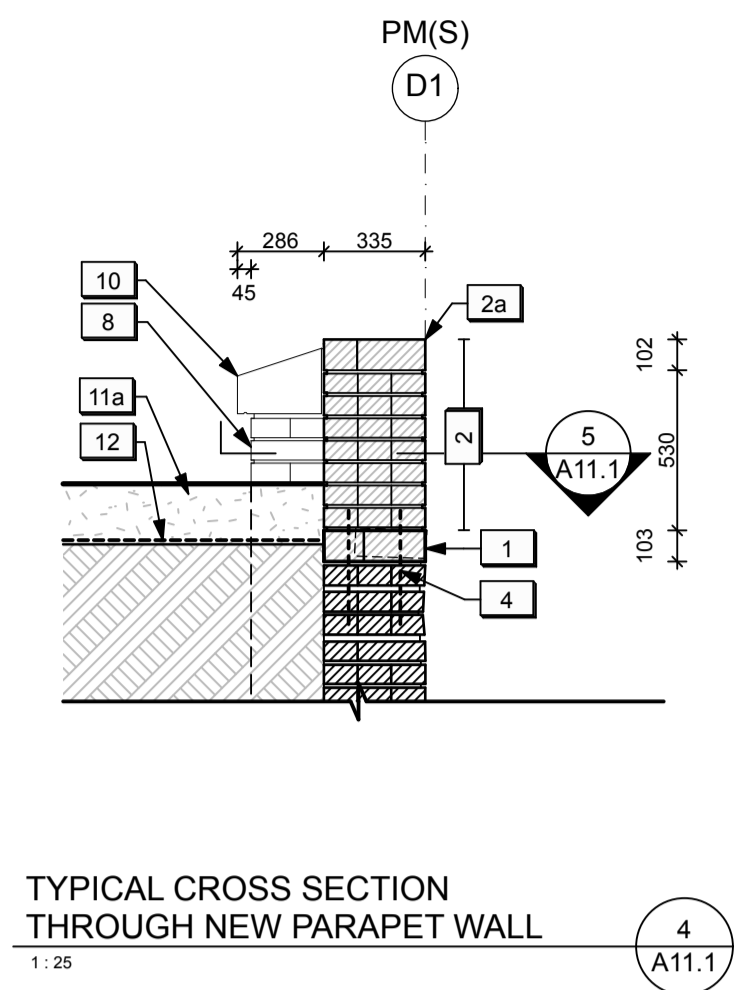
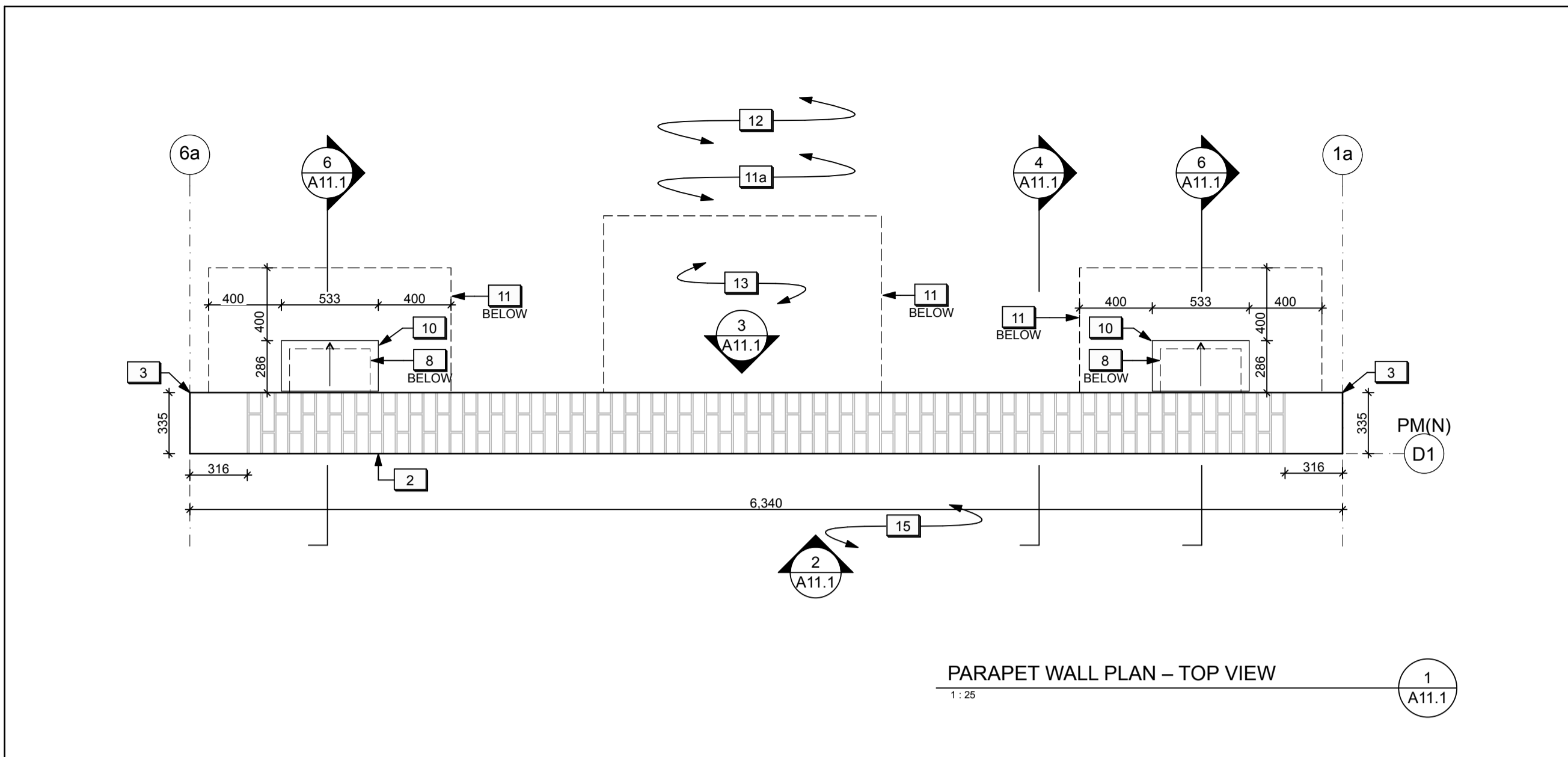
PARAPET WALL ELEVATION LOOKING EAST
1:25 A11

LEGEND (POWDER MAGAZINES - DETAILS):

[Hatched pattern]	EXISTING BRICK TO REMAIN (SECTION)	[Hatched pattern]	EXISTING MASONRY STRUCTURE TO REMAIN (SECTION)
[Brick pattern]	EXISTING BRICK TO REMAIN (ELEVATION)	[Cross-hatched pattern]	NEW / REPAIRED MASONRY STRUCTURE (SECTION)
[Solid brick pattern]	NEW BRICK (SECTION)	[Diagonal lines]	EXISTING SUBGRADE TO REMAIN
[Solid brick pattern]	NEW BRICK (ELEVATION)	[Stippled pattern]	NEW TOPSOIL & SEED
[Stone pattern]	NEW STONE (SECTION)	[Dotted pattern]	NEW GRANULAR FILL

DRAWING NOTES (POWDER MAGAZINES - DETAILS):

- Reconstructed header course of existing brick parapet wall.
- New brick parapet wall.
- New brick coping.
- New stone end cap.
- Vertical anchor/connection between new brick parapet wall and existing brick parapet wall below. Refer to Structural.
- New masonry opening in parapet wall extension.
- New metal security grille.
- New stone sill.
- New stone lintel.
- New brick vent shaft extension.
- Existing brick vent shaft to be repaired / stabilized as required.
- Vertical anchor/connection between new brick vent shaft extension and existing brick vent shaft below. Refer to Structural.
- New sloped stone cap.
- New granular fill. Refer to Landscape.
- New topsoil and seed. Refer to Landscape.
- New drainage layer. Refer to Landscape.
- Vault repair. Refer to Structural.
- Area of localized masonry structural crack repairs (unit price).
- Reserved.



LEGEND (POWDER MAGAZINES - DETAILS):

	EXISTING BRICK TO REMAIN (SECTION)		EXISTING MASONRY STRUCTURE TO REMAIN (SECTION)
	EXISTING BRICK TO REMAIN (ELEVATION)		NEW / REPAIRED MASONRY STRUCTURE (SECTION)
	NEW BRICK (SECTION)		EXISTING SUBGRADE TO REMAIN
	NEW BRICK (ELEVATION)		NEW TOPSOIL & SEED
	NEW STONE (SECTION)		NEW GRANULAR FILL

- DRAWING NOTES (POWDER MAGAZINES - DETAILS):**
- Reconstructed header course of existing brick parapet wall.
 - New brick parapet wall.
 - New brick coping.
 - New stone end cap.
 - Vertical anchor/connection between new brick parapet wall and existing brick parapet wall below. Refer to Structural.
 - New masonry opening in parapet wall extension.
 - New metal security grille.
 - New stone sill.
 - New stone lintel.
 - New brick vent shaft extension.
 - Existing brick vent shaft to be repaired / stabilized as required.
 - Vertical anchor/connection between new brick vent shaft extension and existing brick vent shaft below. Refer to Structural.
 - New sloped stone cap.
 - New granular fill. Refer to Landscape.
 - New topsoil and seed. Refer to Landscape.
 - New drainage layer. Refer to Landscape.
 - Vault repair. Refer to Structural.
 - Area of localized masonry structural crack repairs (unit price).
 - Reserved.

ONTARIO ASSOCIATION OF ARCHITECTS
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LICENCE
4177

04	Issued for tender	2016/05/12
03	Issued for 99% Review	2016/04/28
02	Issued for 66% Review	2016/03/09
01	Issued for 33% Review	2016/02/05
revision	issued / revisions	yyyy/mm/dd

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B	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client

Signature _____ Date _____
File No. / No. de dossier _____

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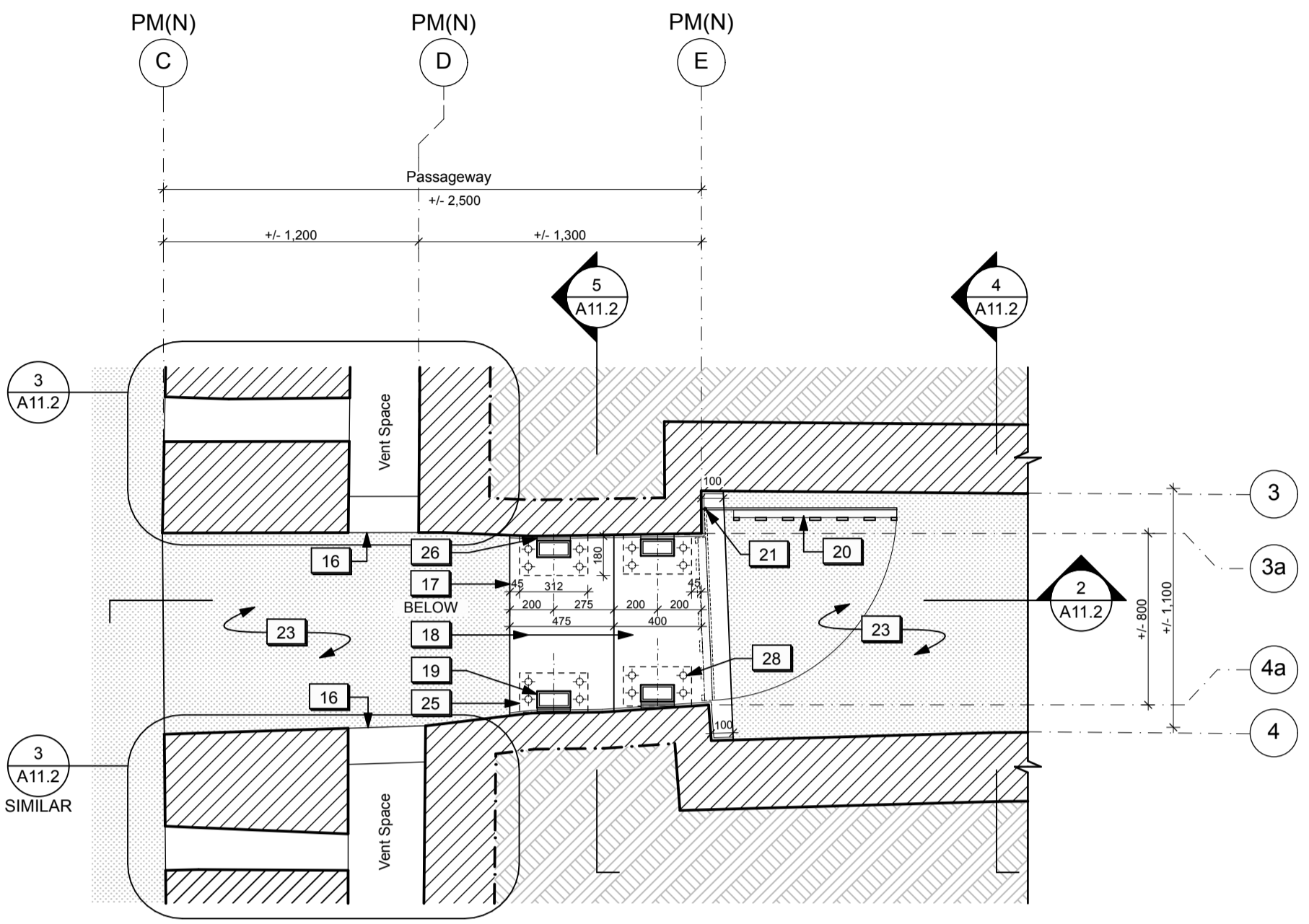
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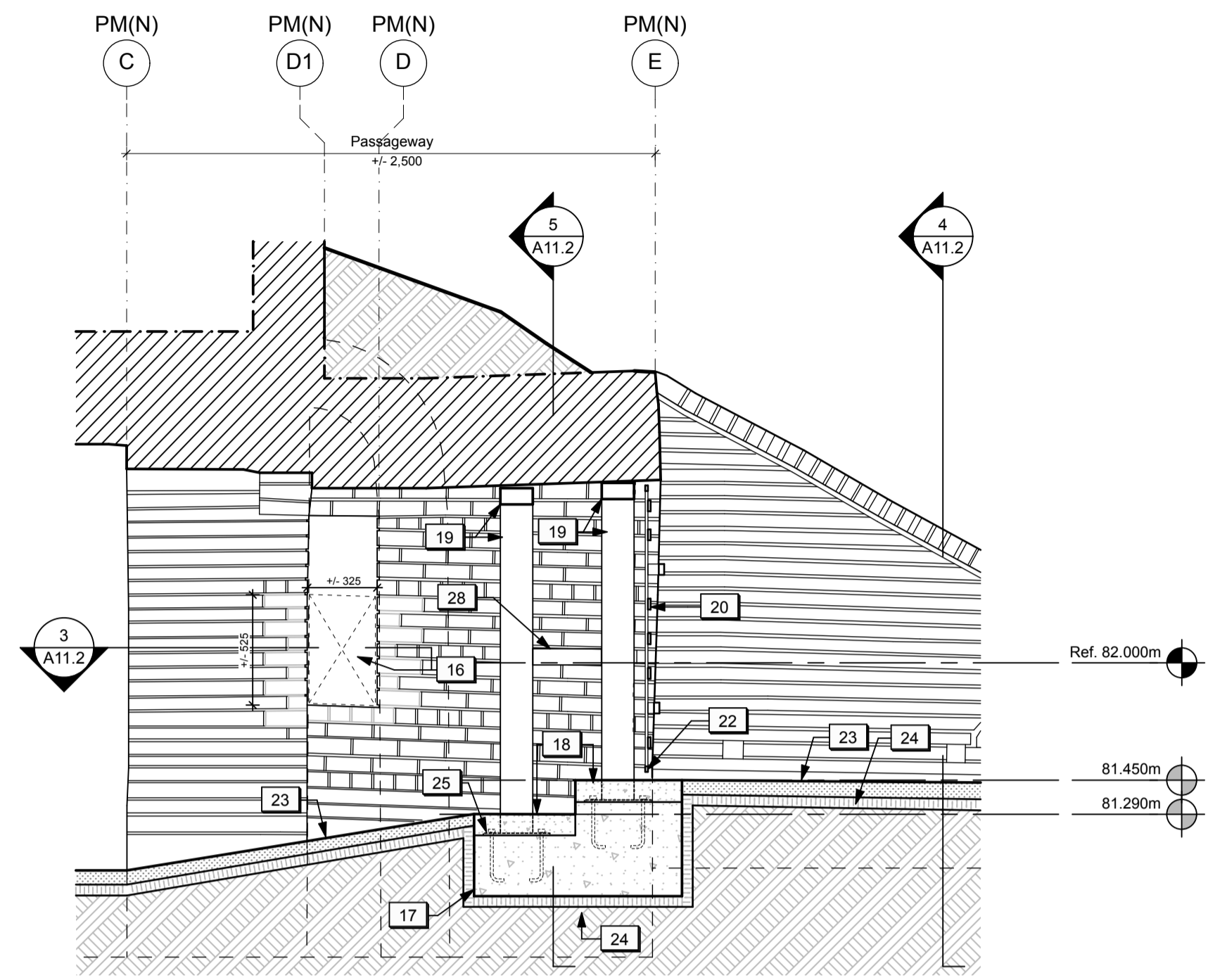
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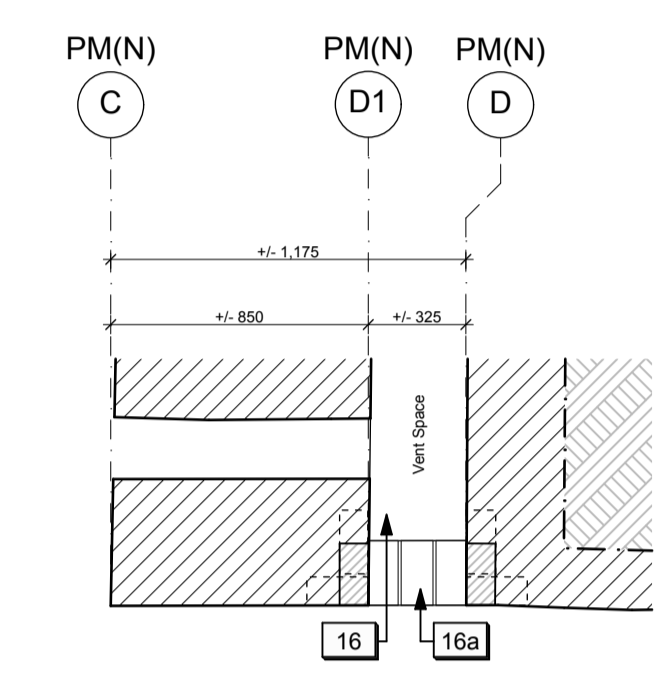
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Project title / Titre du projet	FORT MISSISSAUGA STABILIZATION PHASE II
Drawing title / Titre du dessin	SOUTH POWDER MAGAZINE - PARAPET WALL DETAILS
Scale / Echelle	1:50
Drawn by / Dessiné par	AC / ML
Date	2016.02.05
Field Recording by / Relevé-Témoin par	
Approved by / Approuvé par	
Checked by / Vérifié par	
Project No. / No. du projet	Asset No. / No. de l'actif
PRO 000808	1300164
Drawing Reference No. / No. du Dessin	A11.1



PASSAGEWAY PLAN
1:25
1 A11.2



SECTION THROUGH PASSAGEWAY
1:25
2 A11.2



MASONRY OPENING - PLAN
1:25
3 A11.2

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Linear dimensions in millimeters / Dimensions lineaires en millimetres

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Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

NORTH POWDER MAGAZINE - PASSAGEWAY DETAILS

Scale / Echelle
1:50

Drawn by / Dessiné par
AC / ML
Date
2016.02.05

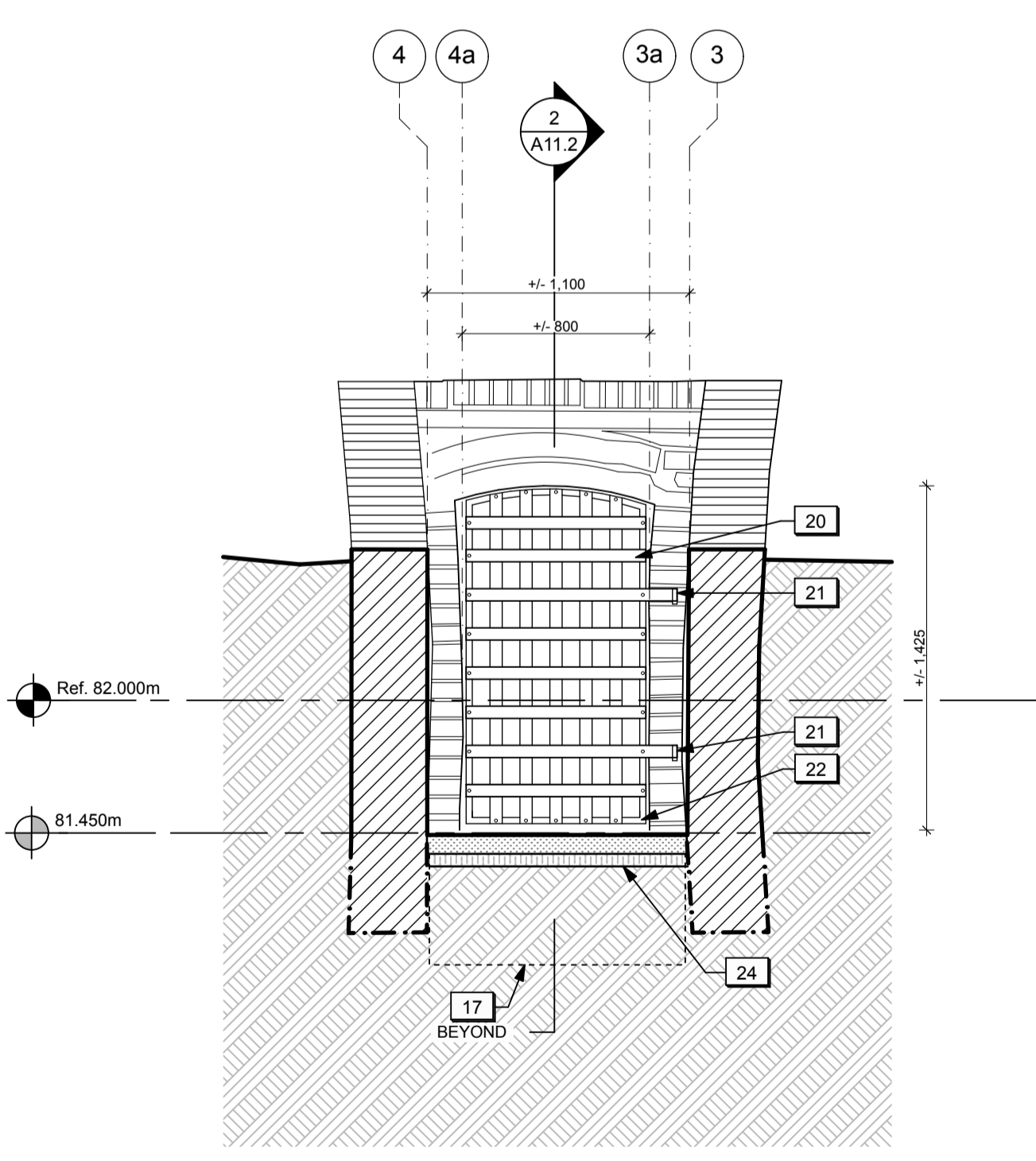
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Date

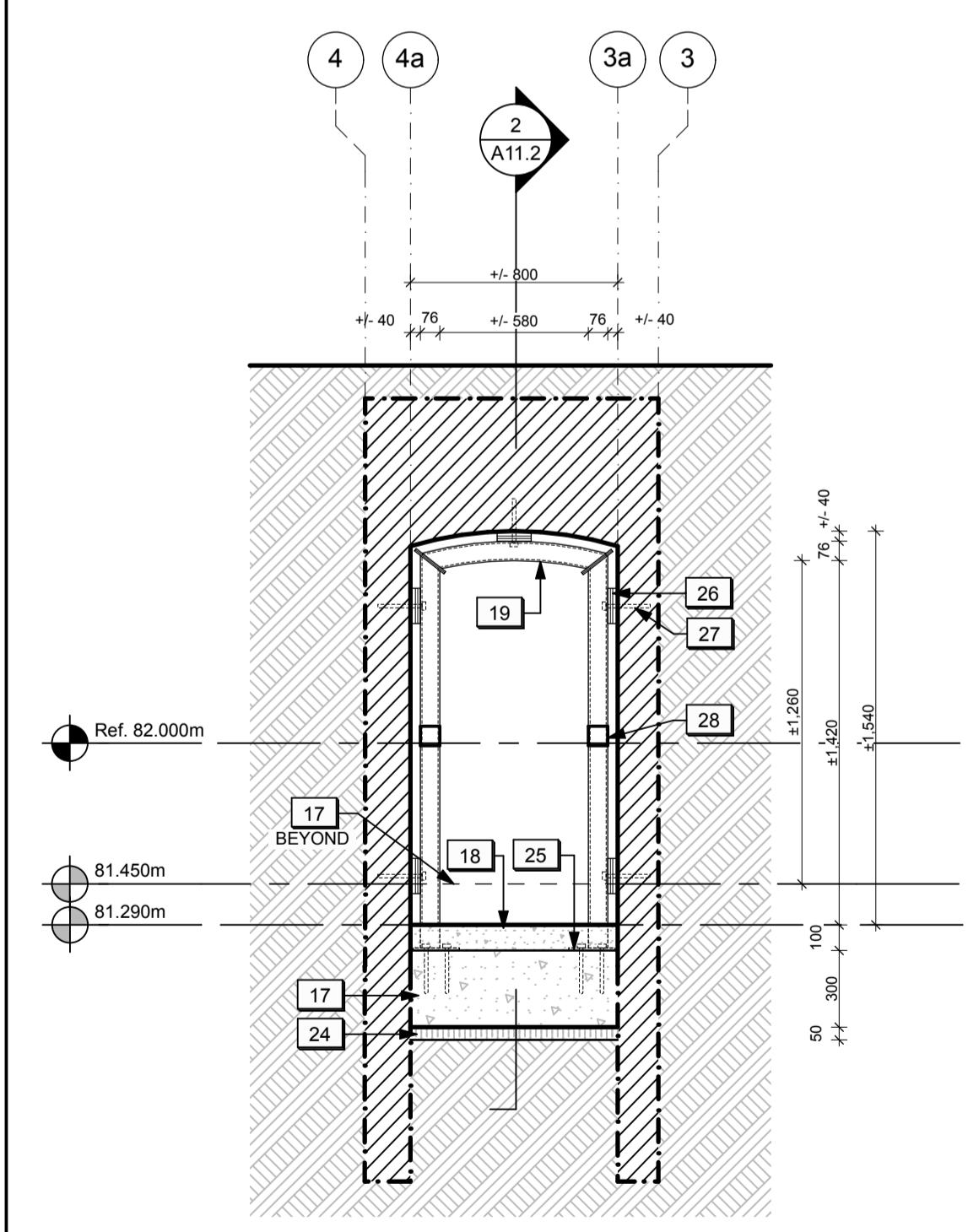
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Drawing Reference No./No. du Dessin



CROSS SECTION THROUGH WING WALLS
1:25
4 A11.2



CROSS SECTION THROUGH PASSAGEWAY
1:25
5 A11.2

LEGEND (POWDER MAGAZINES - DETAILS):

	EXISTING BRICK TO REMAIN (SECTION)		EXISTING MASONRY STRUCTURE TO REMAIN (SECTION)
	EXISTING BRICK TO REMAIN (ELEVATION)		NEW / REPAIRED MASONRY STRUCTURE (SECTION)
	NEW BRICK (SECTION)		EXISTING SUBGRADE TO REMAIN
	NEW BRICK (ELEVATION)		NEW TOPSOIL & SEED
	NEW STONE (SECTION)		NEW GRANULAR FILL

DRAWING NOTES (POWDER MAGAZINES - DETAILS):

- 11a. New topsoil and seed. Refer to Landscape.
14. Area of localized masonry structural crack repairs (unit price).
15. Existing grade in front of the parapet wall to be lowered. Refer to Landscape.
16. Existing masonry opening into vent space to be enlarged.
- 16a. New brick sill.
17. New concrete strut beam. Refer to Structural.
18. New concrete topping. Refer to Structural.
19. New HSS steel support frame. Refer to Structural.
20. Existing metal gate to be restored and reinstalled.
21. Hinge pins to be surface-mounted on face of existing masonry as required.
22. Height of existing metal gate to be modified to accommodate revised grade.
23. New stone dust surface. Refer to landscape.
24. New 50 mm horizontal insulation. Refer to Landscape.
25. New steel plate anchored to concrete strut beam. Refer to Structural.
26. New steel shim plates. Refer to Structural.
27. New steel anchor. Refer to Structural.
28. New steel brace. Refer to Structural.

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revision	issued / revisions	yyyy/mm/dd

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Type of Record / Type d'enregistrement
 -

Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

SOUTH POWDER MAGAZINE - PASSAGEWAY DETAILS

Scale / Echelle
 1:50

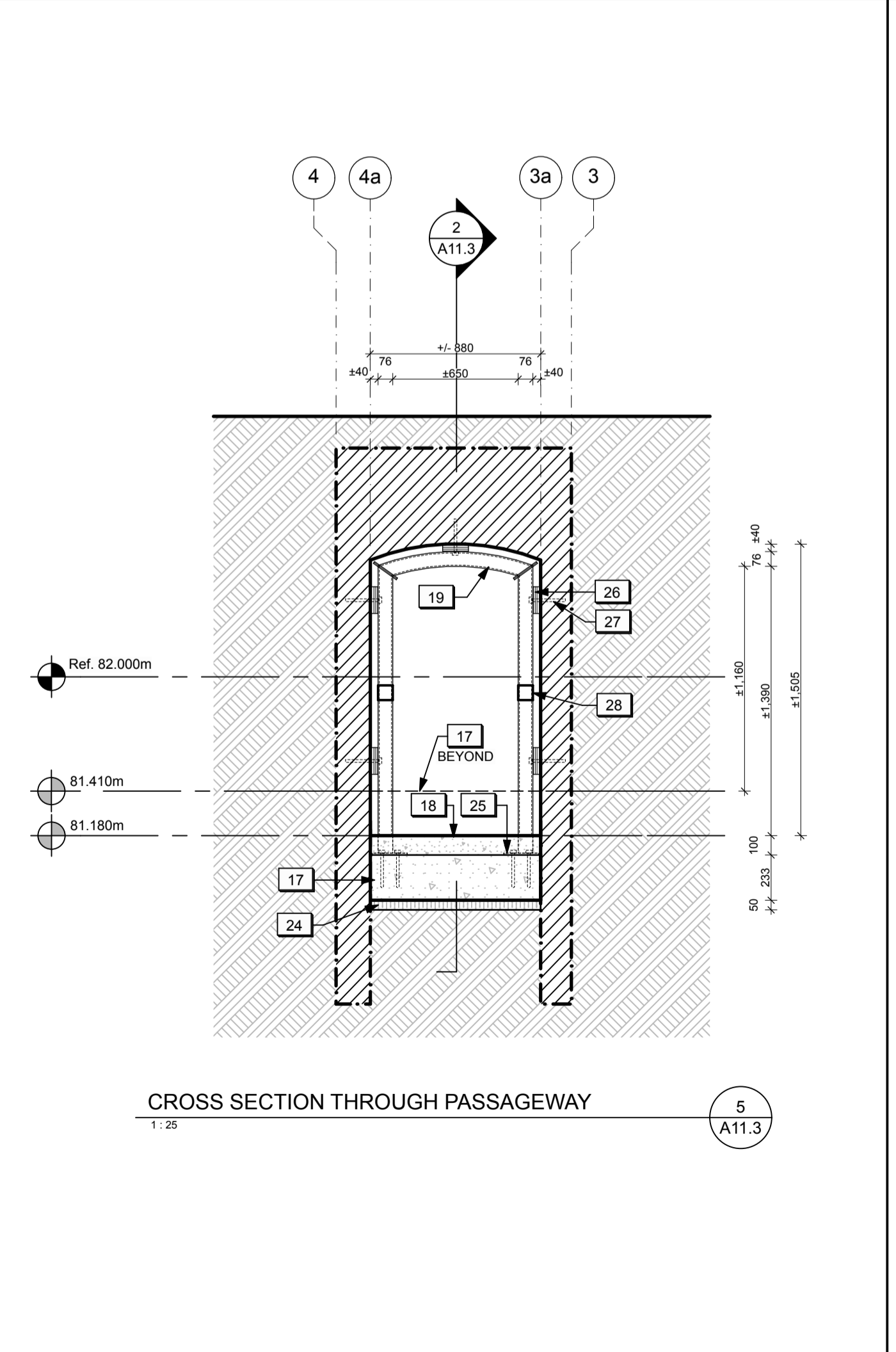
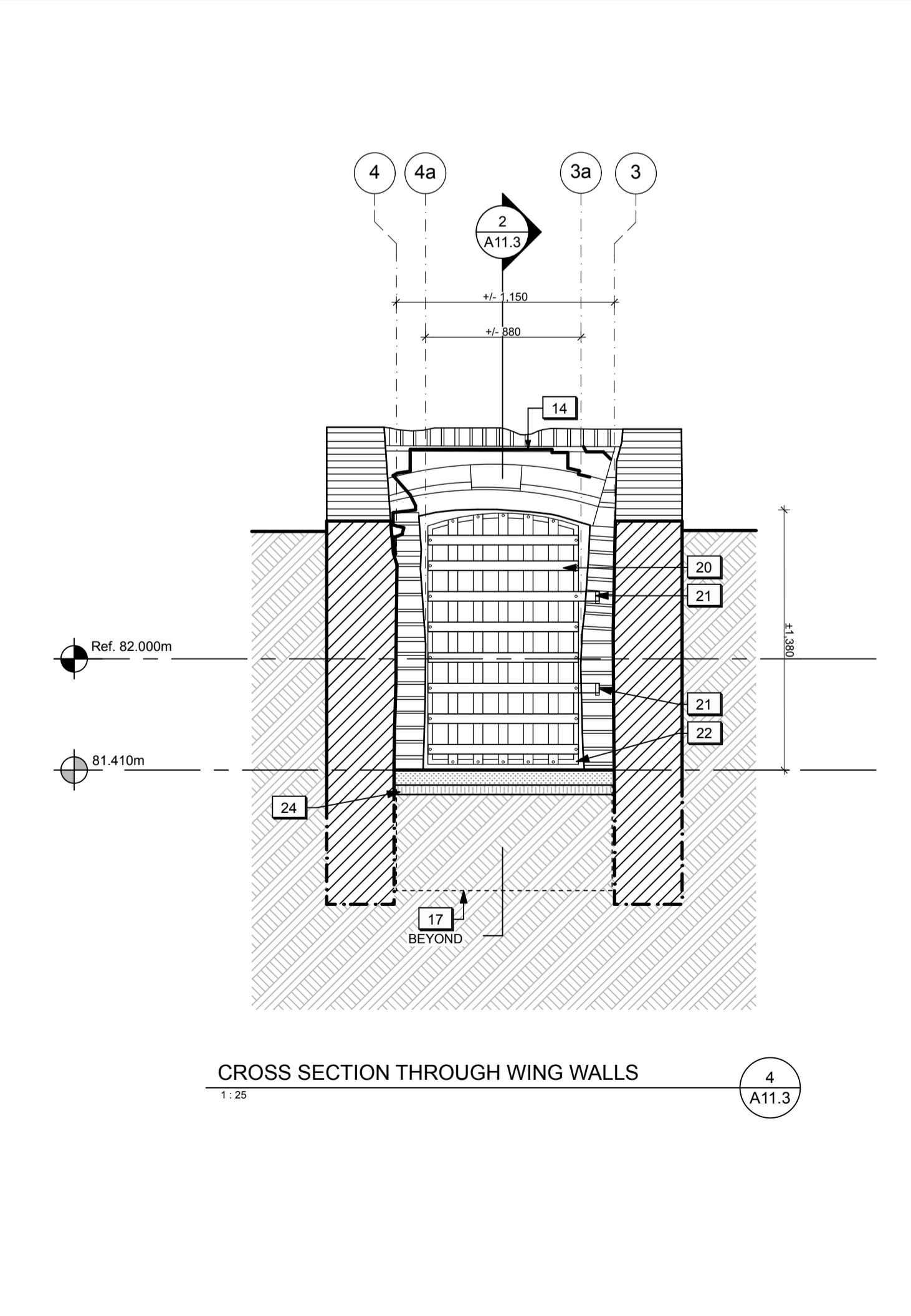
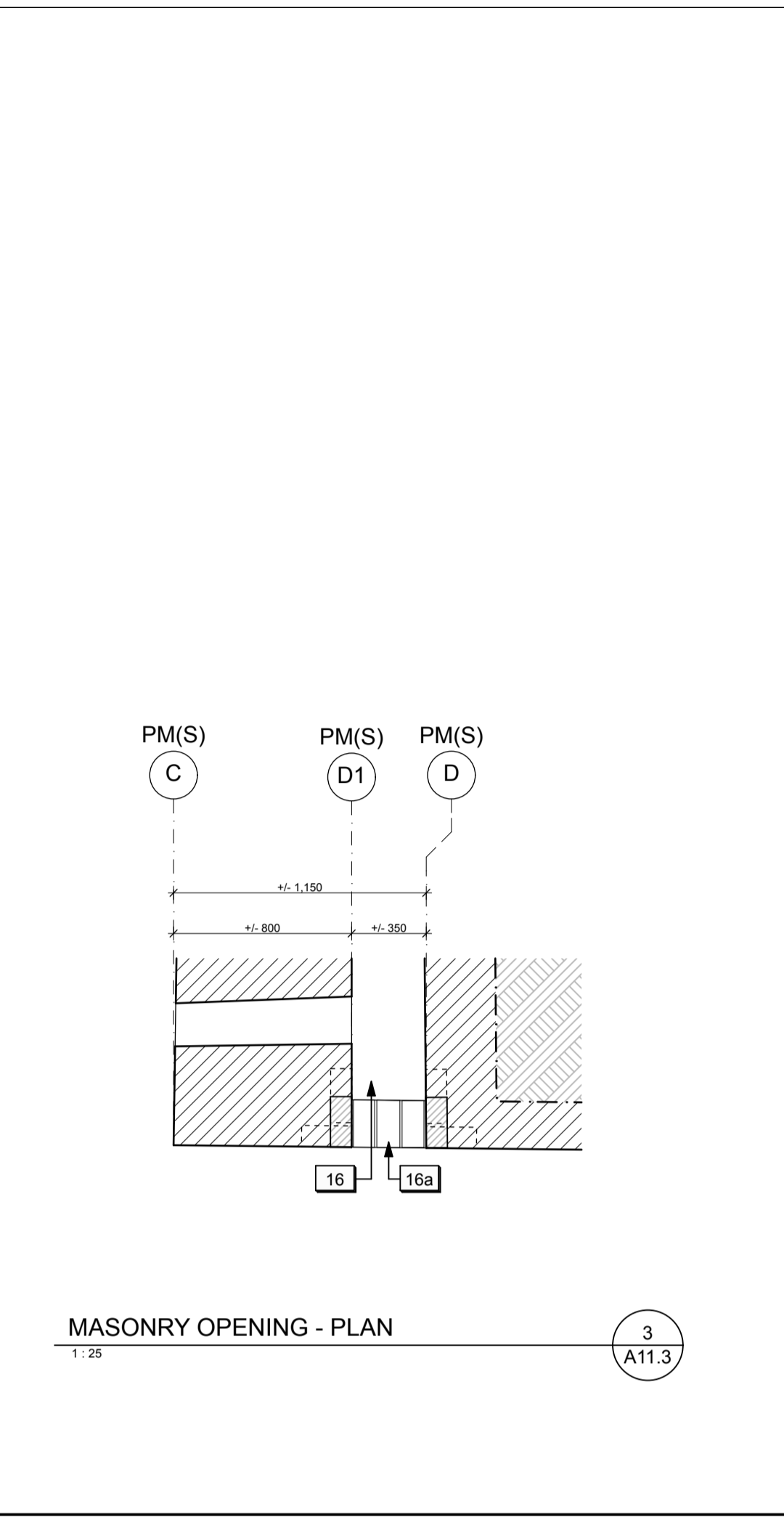
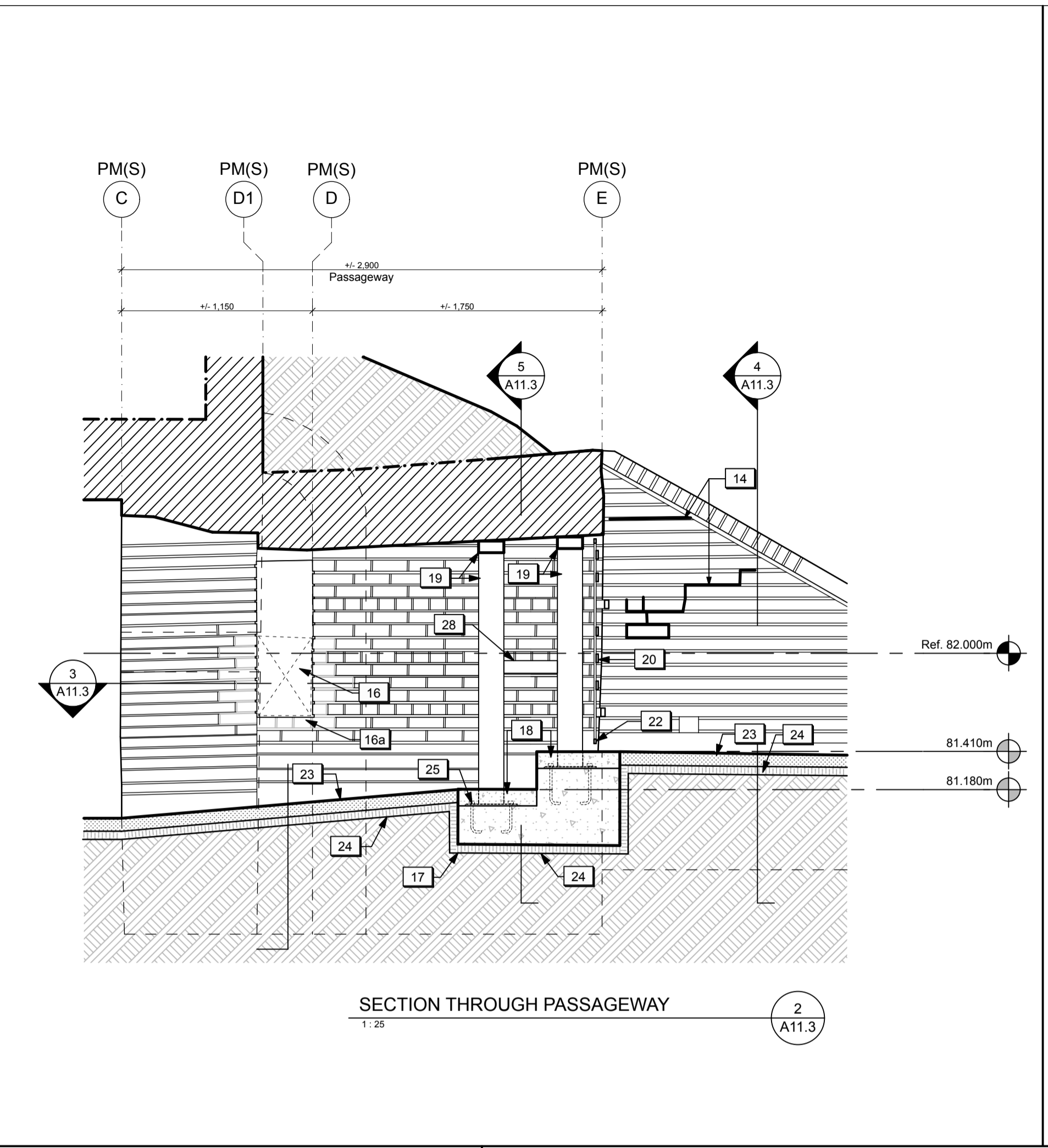
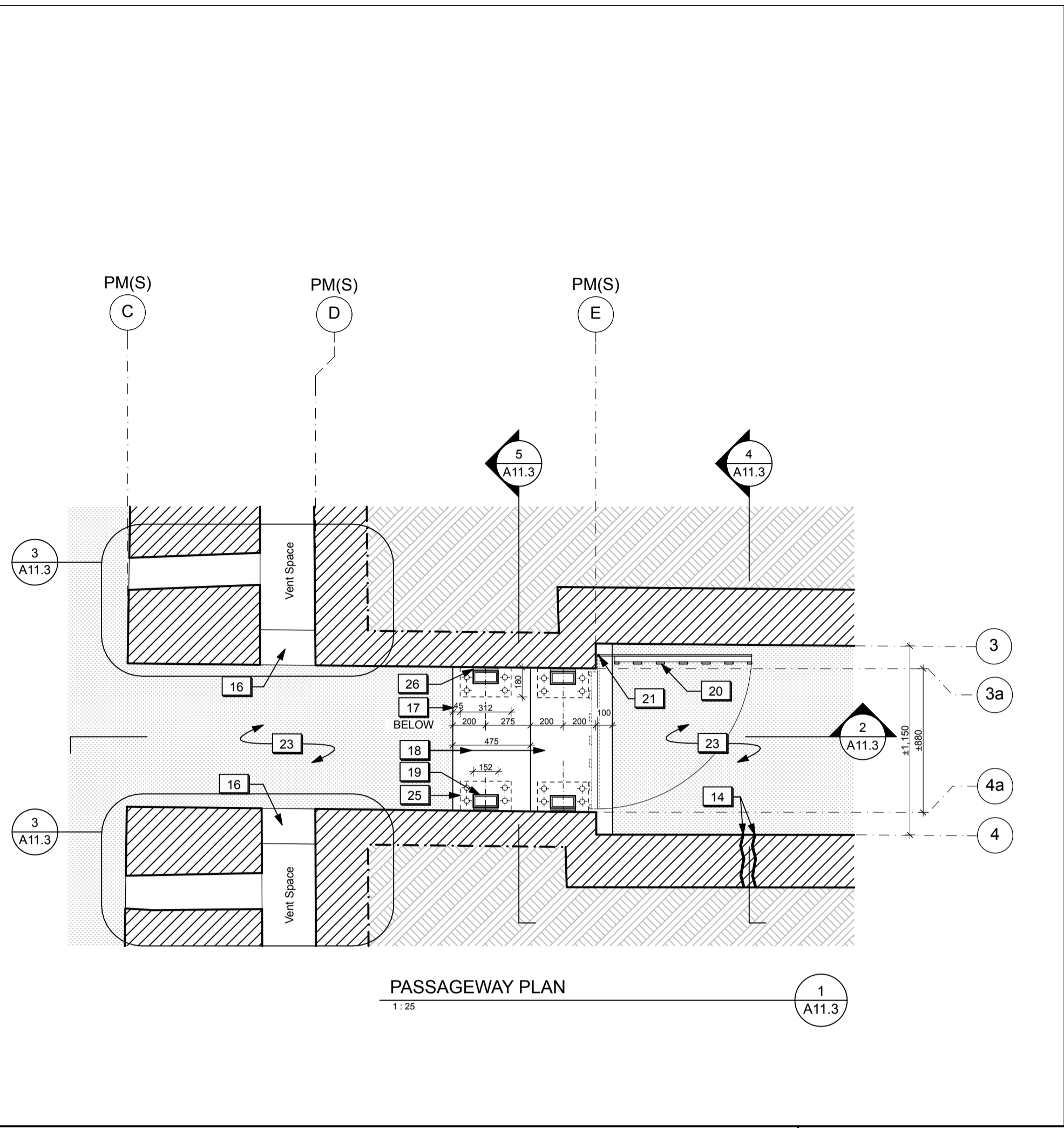
Drawn by / Dessiné par
 AC / ML Date
 2016.02.05

Field Recording by / Relevé-Terminé par
 Date

Approved by / Approuvé par
 Date

Checked by / Vérifié par

Project No. / No. du projet PRO 000808	Asset No. 1300164	Sheet No. / Feuille No. A11.3
Drawing Reference No./No. du Dessin		

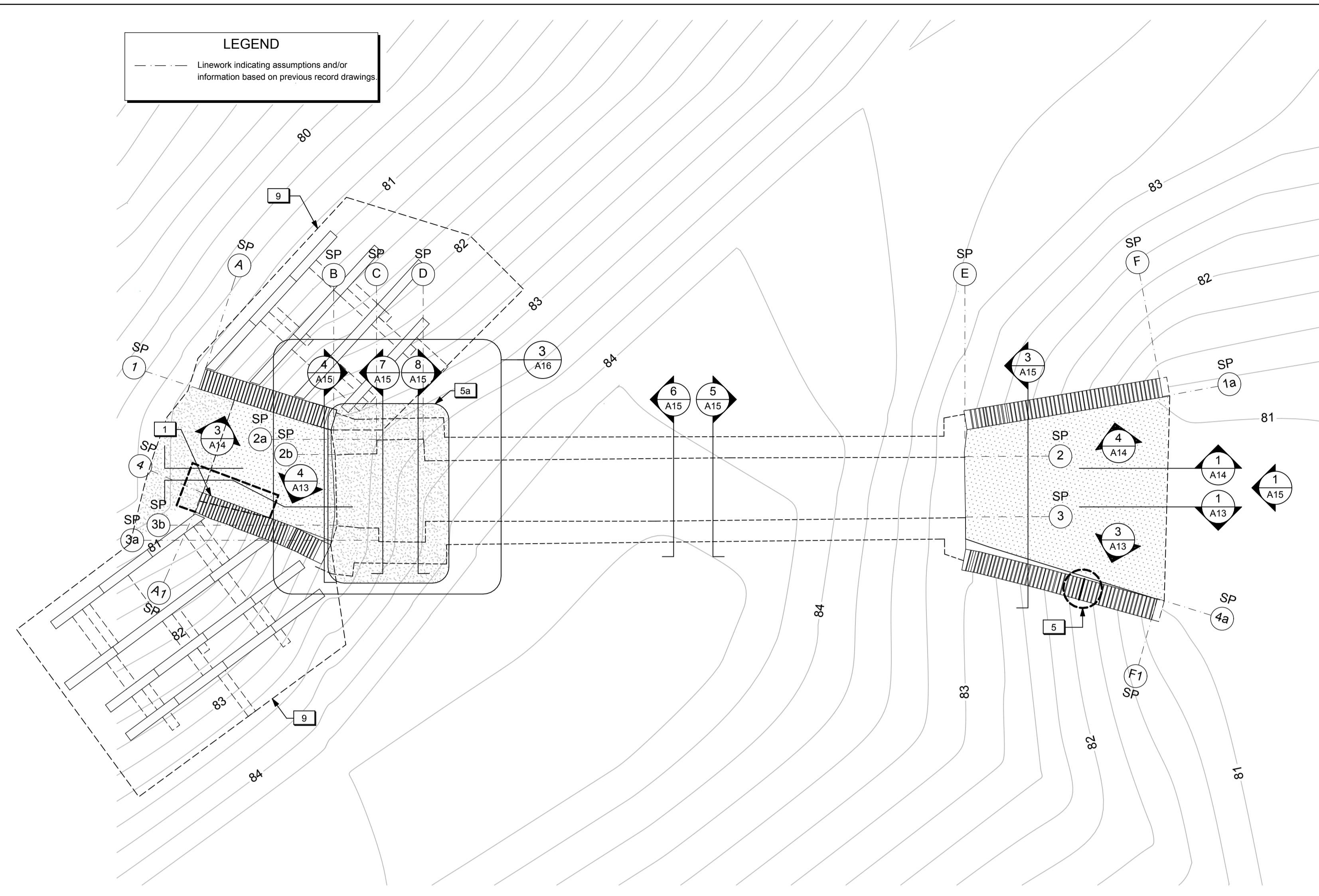


LEGEND (POWDER MAGAZINES - DETAILS):

	EXISTING BRICK TO REMAIN (SECTION)		EXISTING MASONRY STRUCTURE TO REMAIN (SECTION)
	EXISTING BRICK TO REMAIN (ELEVATION)		NEW / REPAIRED MASONRY STRUCTURE (SECTION)
	NEW BRICK (SECTION)		EXISTING SUBGRADE TO REMAIN
	NEW BRICK (ELEVATION)		NEW TOPSOIL & SEED
	NEW STONE (SECTION)		NEW GRANULAR FILL

- DRAWING NOTES (POWDER MAGAZINES - DETAILS):**
- New topsoil and seed. Refer to Landscape.
 - Area of localized masonry structural crack repairs (unit price).
 - Existing grade in front of the parapet wall to be lowered. Refer to Landscape.
 - Existing masonry opening into vent space to be enlarged.
 - New brick sill.
 - New concrete strut beam. Refer to Structural.
 - New concrete topping. Refer to Structural.
 - New HSS steel support frame. Refer to Structural.
 - Existing metal gate to be restored and reinstalled.
 - Hinge pins to be surface-mounted on face of existing masonry as required.
 - Height of existing metal gate to be modified to accommodate revised grade.
 - New stone dust surface. Refer to landscape.
 - New 50 mm horizontal insulation. Refer to Landscape.
 - New steel plate anchored to concrete strut beam. Refer to Structural.
 - New steel shim plates. Refer to Structural.
 - New steel anchor. Refer to Structural.
 - New steel brace. Refer to Structural.

LEGEND
 --- Linework indicating assumptions and/or information based on previous record drawings



SALLY PORT PLAN - TOP VIEW
 1
 A12
 1:50

DRAWING NOTES (SALLY PORT)

1. New concrete footing at the end portion of the south exterior wing wall. Refer to Structural.
2. New Granular A backfill. Refer to Landscape.
3. New stone dust surface. Refer to Landscape.
4. New concrete strut beam below grade. Refer to Structural.
5. Area of localized masonry structural crack repair (unit price).
- 5a. Existing masonry structure in Alcove to be repaired from interior and exterior (Cash Allowance).
6. Existing structural crack to be injected with grout from interior. Refer to Structural.
7. Existing drainage holes in exterior wing walls to be clear of debris/free-draining.
8. Existing metal gate/frame to be restored and reinstalled. Refer to details.
9. Area of new log crib installation. Refer to Landscape.
10. New horizontal insulation below grade. Refer to Structural.
11. New topsoil and seed. Refer to Landscape.

GENERAL NOTES (SALLY PORT)

1. General masonry repairs and repointing to be undertaken to various exposed masonry walls / surfaces on the exterior (Cash Allowance).
2. Existing modern graffiti on the exterior and within the underground tunnel and alcove to remain.

LEGEND (SALLY PORT):

- Existing sub-grade to remain.
- New topsoil and seed. Refer to Landscape.
- New stone dust surface.
- Existing masonry structure to remain.
- New granular fill.
- Reinstated native fill.



04	Issued for tender	2016/05/12
03	Issued for 99% review	2016/04/28
02	Issued for 66% review	2016/03/09
01	Issued for 33% review	2016/02/05
revision	issued / revisions	yyyy/mm/dd

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A Detail number
 B Sheet number
 A Numero de detail
 B Sur feuille numero

Linear dimensions in millimeters
 Dimensions lineaires en millimetres

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JOB NO. 60295
 Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
SALLY PORT PLANS

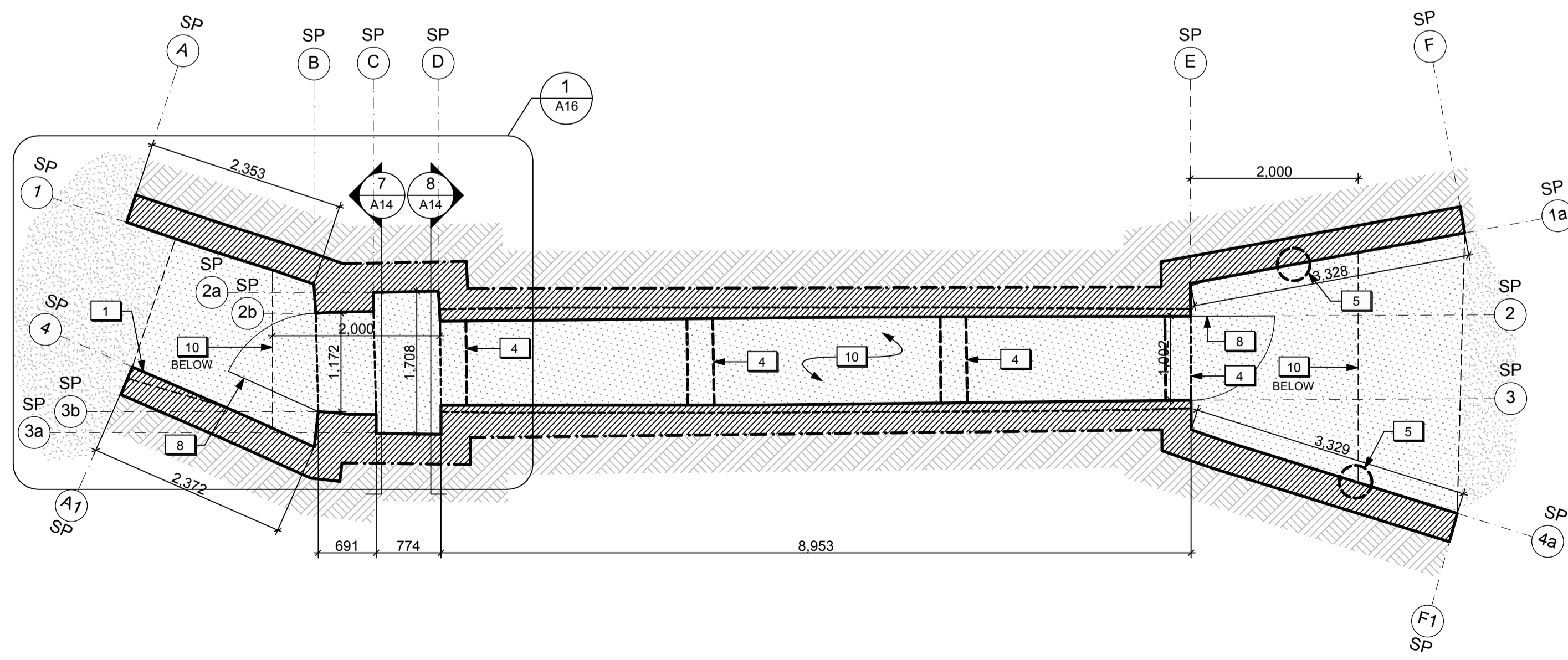
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 AC/ML Date
 2016-05-12

Field Recording by / Relevé-Terminé par
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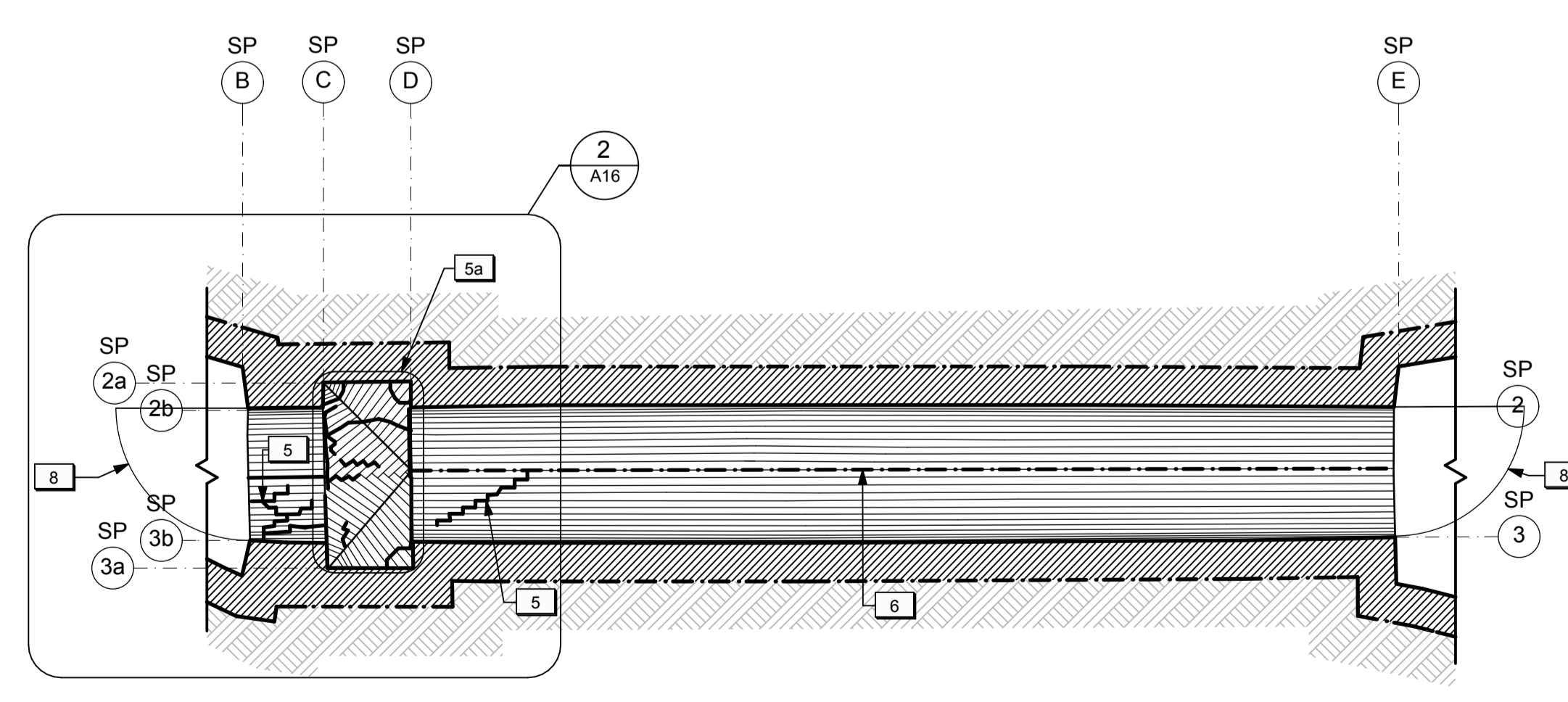
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Checked by / Vérifié par

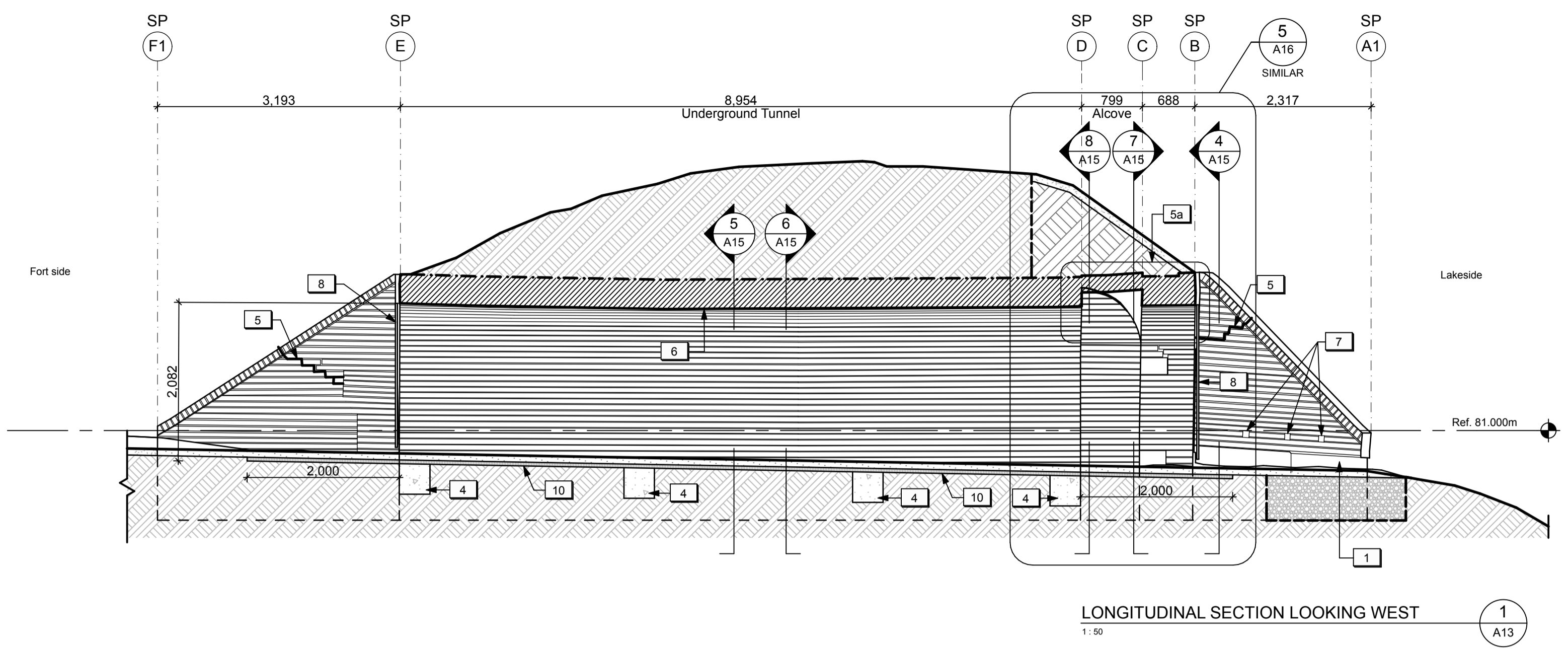
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Drawing Reference No./No. du Dessin		A12



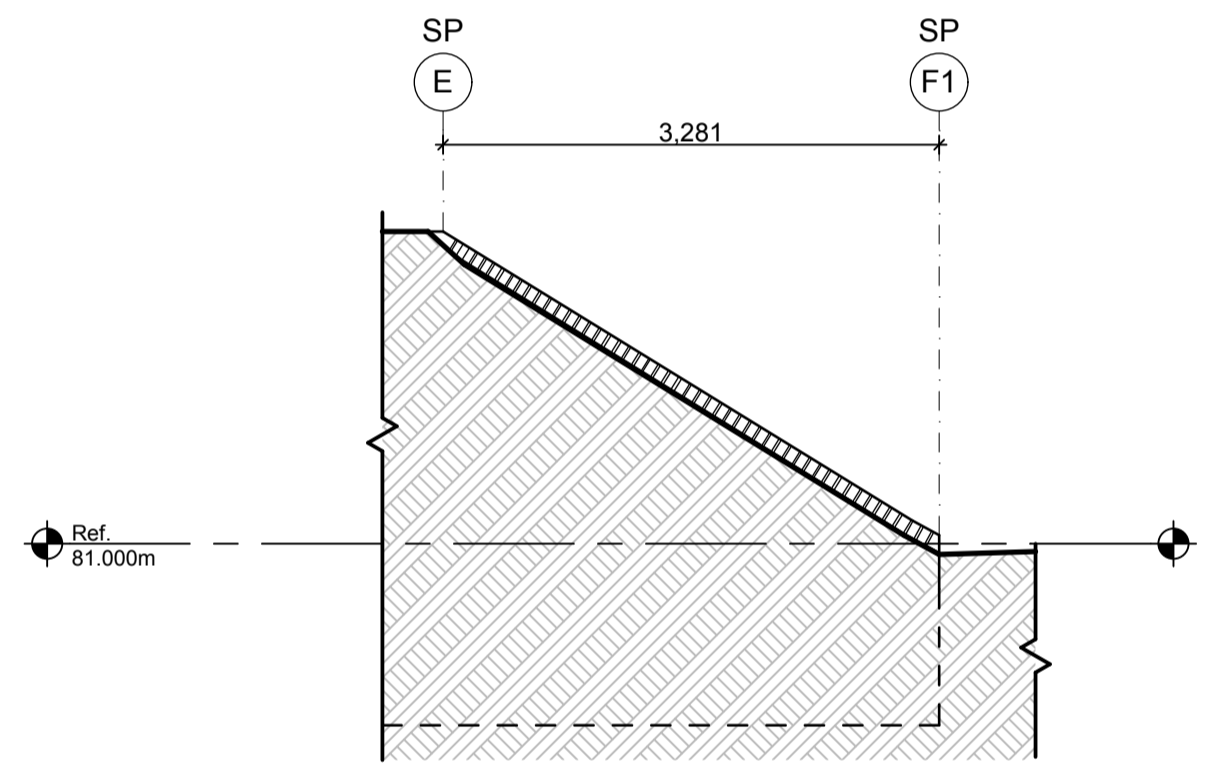
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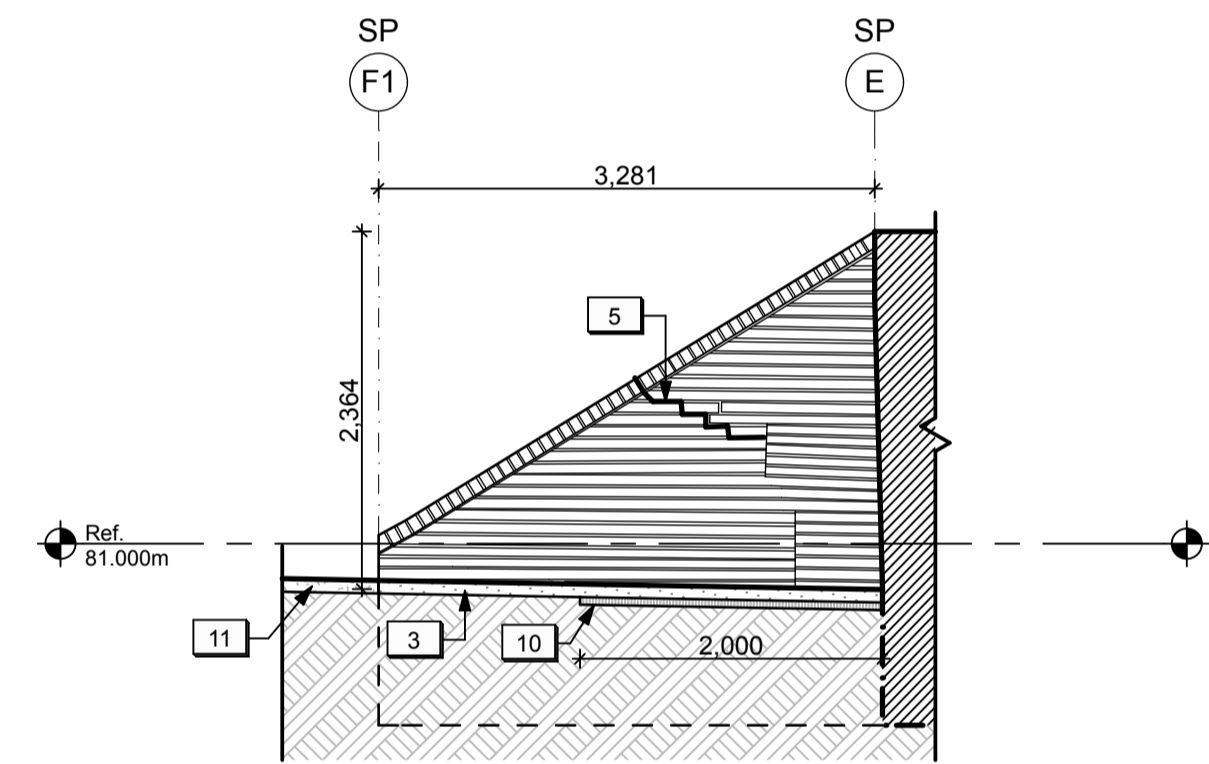
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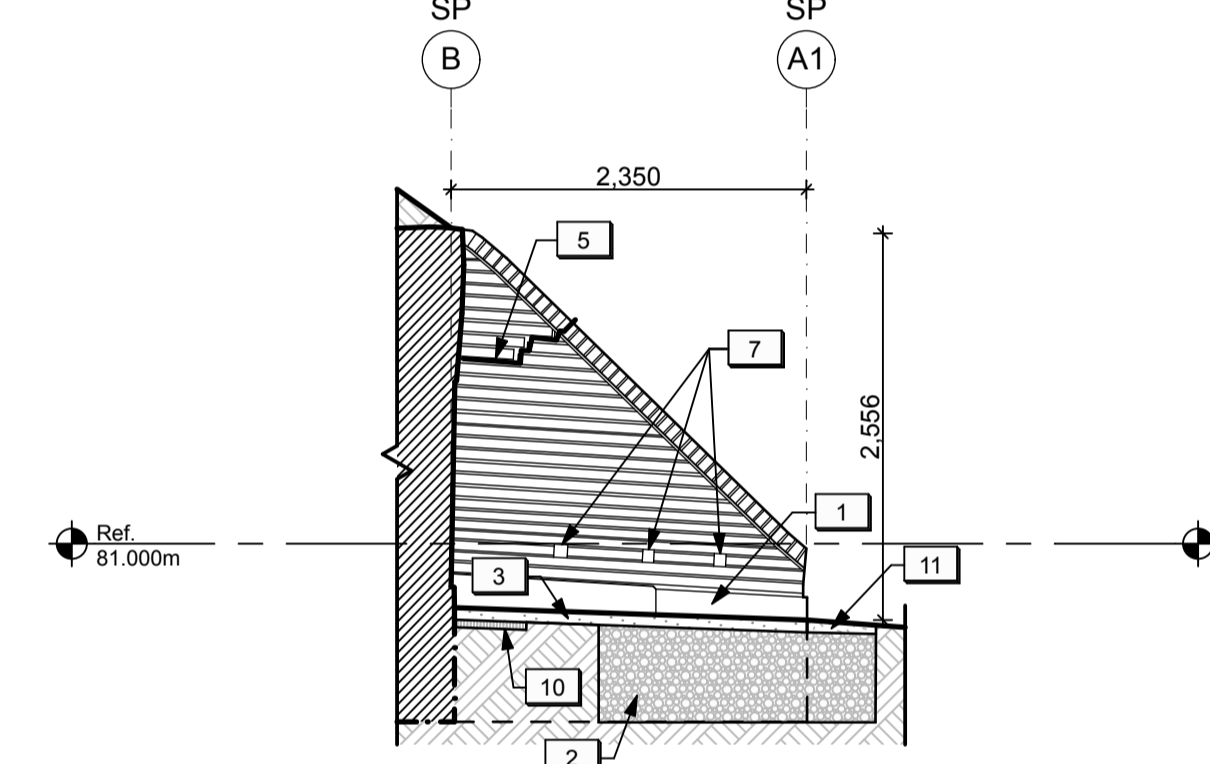
LONGITUDINAL SECTION LOOKING WEST
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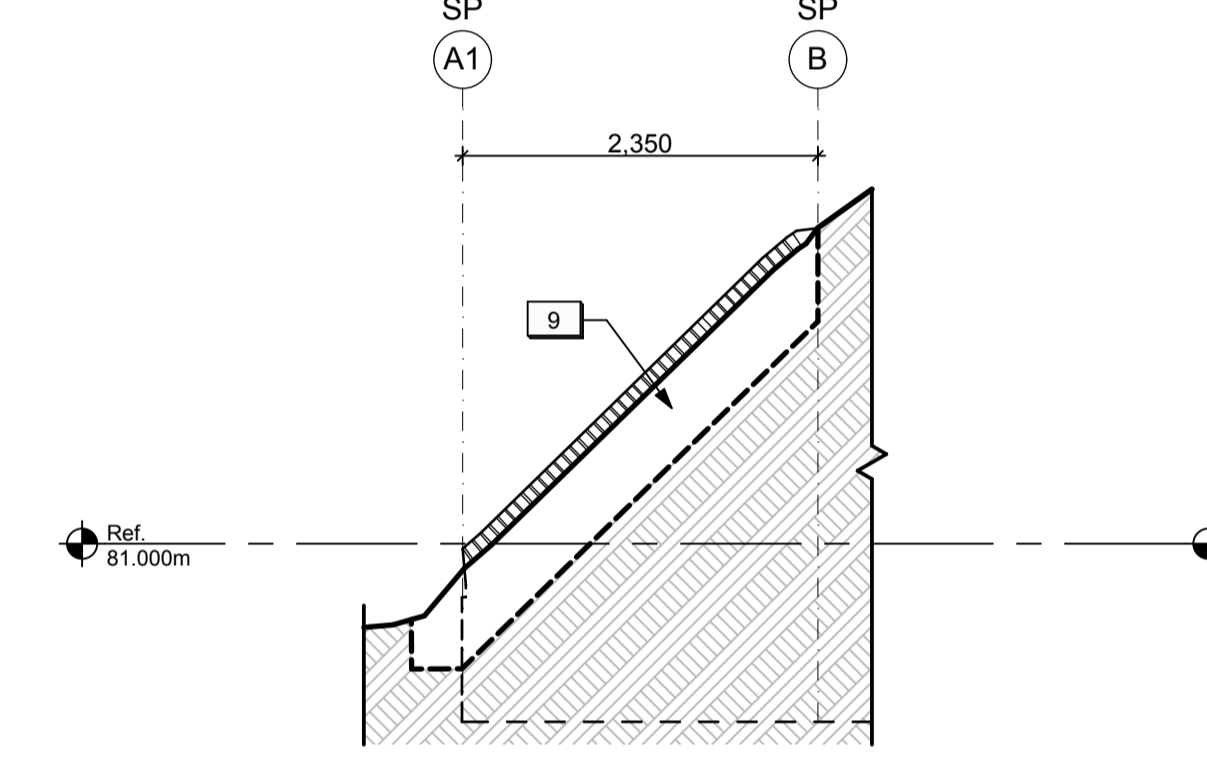
WEST INTERIOR WING WALL, SECTION THROUGH EARTHWORKS
1:50 (A13)



WEST INTERIOR WING WALL ELEVATION
1:50 (A13)



WEST EXTERIOR WING WALL ELEVATION
1:50 (A13)



WEST EXTERIOR WING WALL, SECTION THROUGH EARTHWORKS
1:50 (A13)

- GENERAL NOTES (SALLY PORT)
- General masonry repairs and repointing to be undertaken to various exposed masonry walls / surfaces on the exterior (Cash Allowance).
 - Existing modern graffiti on the exterior and within the underground tunnel and alcove to remain.

- LEGEND (SALLY PORT):
- Existing sub-grade to remain.
 - New topsoil and seed. Refer to Landscape.
 - New stone dust surface.
 - Existing masonry structure to remain.
 - New granular fill.
 - Reinstated native fill.

- DRAWING NOTES (SALLY PORT)
- New concrete footing at the end portion of the south exterior wing wall. Refer to Structural.
 - New Granular A backfill. Refer to Landscape.
 - New stone dust surface. Refer to Landscape.
 - New concrete strut beam below grade. Refer to Structural.
 - Area of localized masonry structural crack repair (unit price).
 - Existing masonry structure in Alcove to be repaired from interior and exterior (Cash Allowance).
 - Existing structural crack to be injected with grout from interior. Refer to Structural.
 - Existing drainage holes in exterior wing walls to be clear of debris/free-draining.
 - Existing metal gate/frame to be restored and reinstalled. Refer to details.
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JOB NO. 60295
Type of Record / Type d'enregistrement
Project title / Titre du projet

Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

SALLY PORT SECTIONS & ELEVATIONS 1

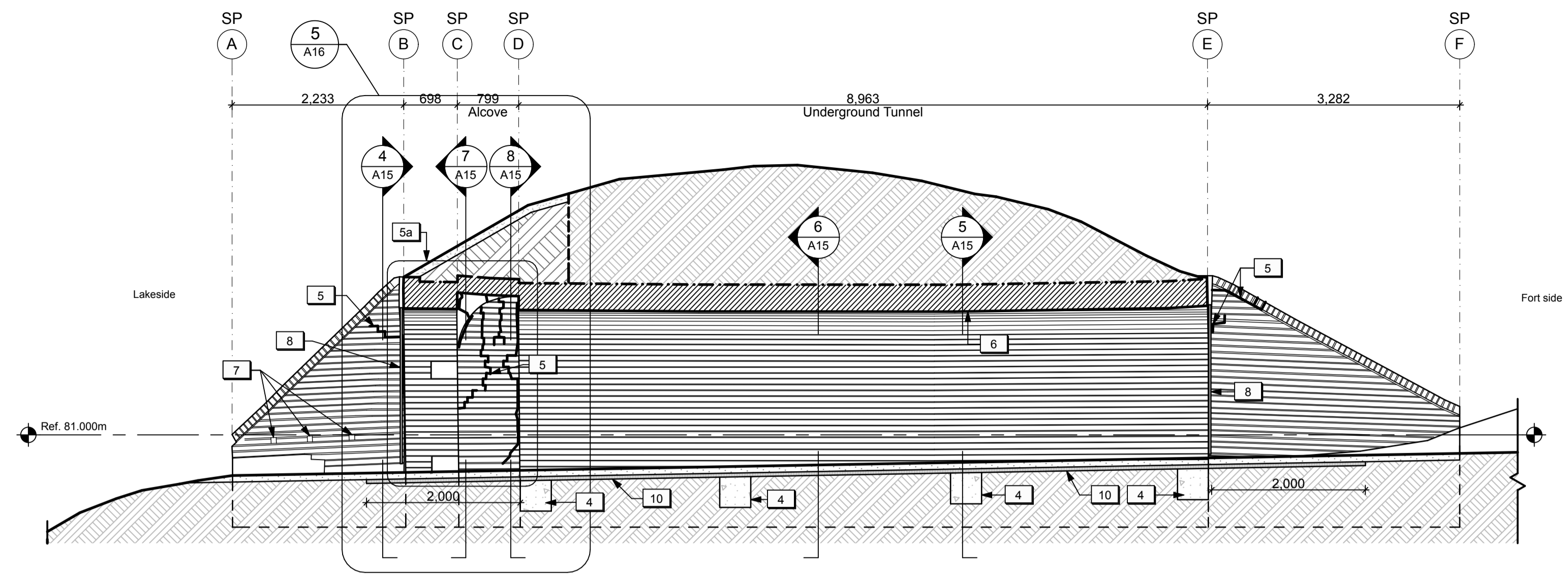
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Drawn by / Dessine par
AC/ML
Date
2016-05-12

Field Recording by / Relevé-Terminé par
Date

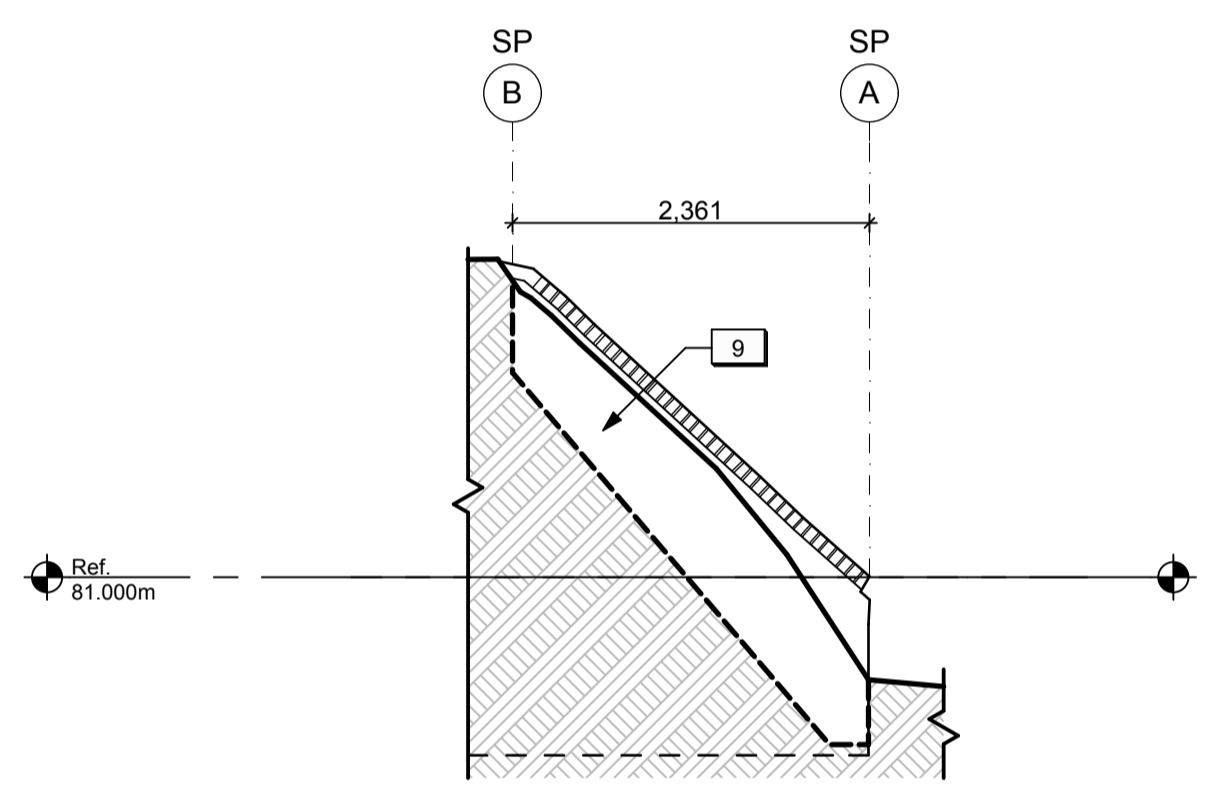
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Date

Checked by / Vérifié par

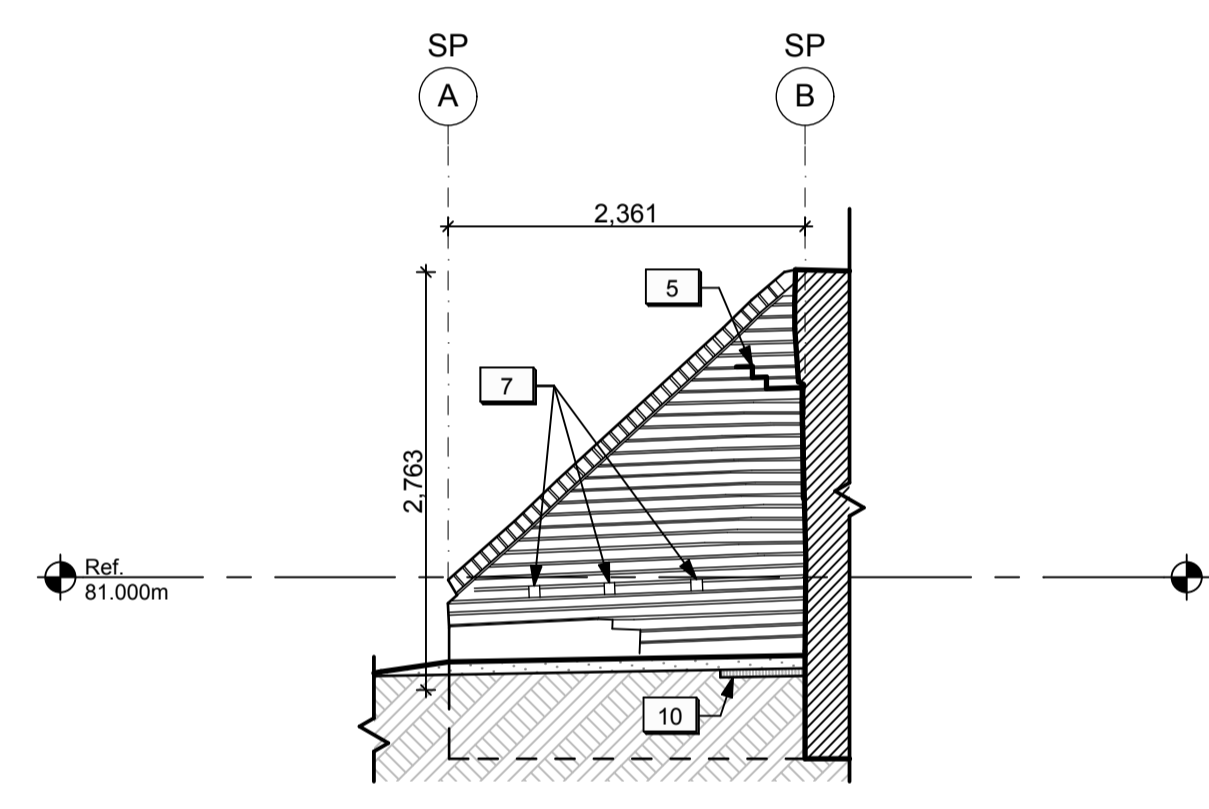
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PRO 000808
Asset No.
1300182
Sheet No. / Feuille No.
A13



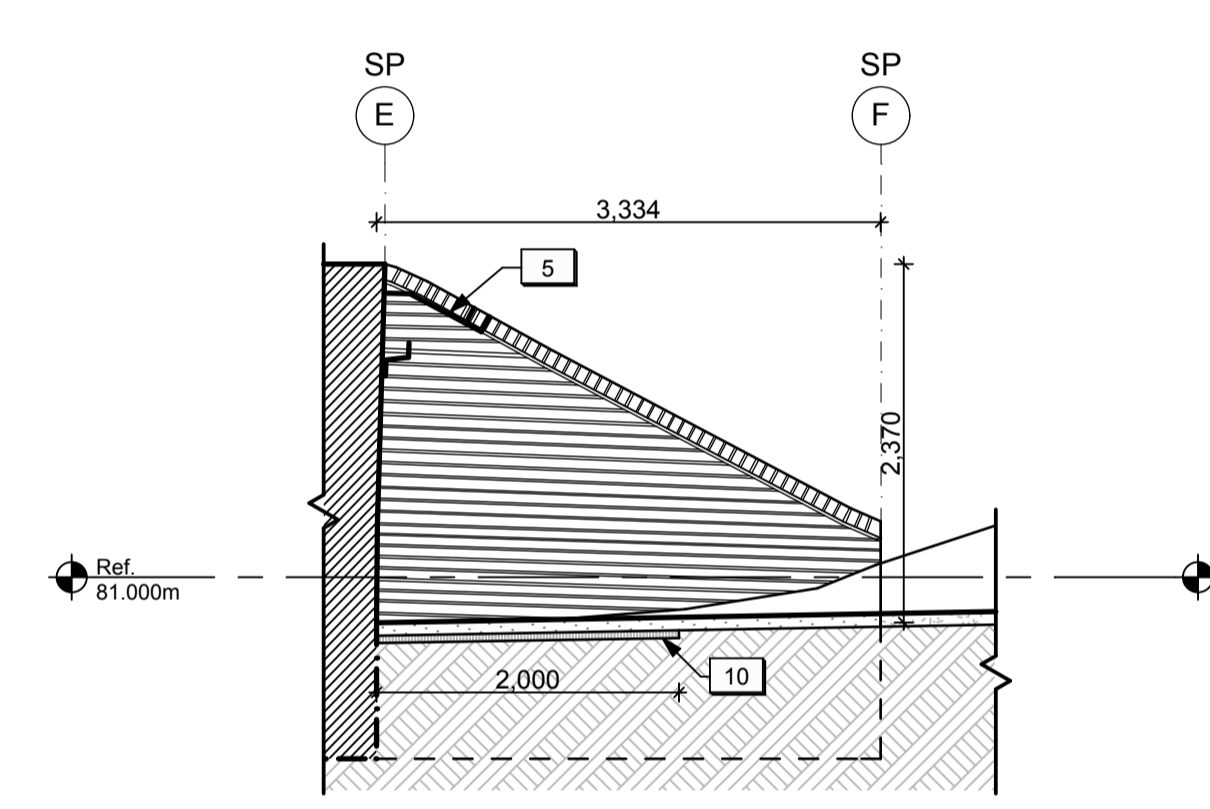
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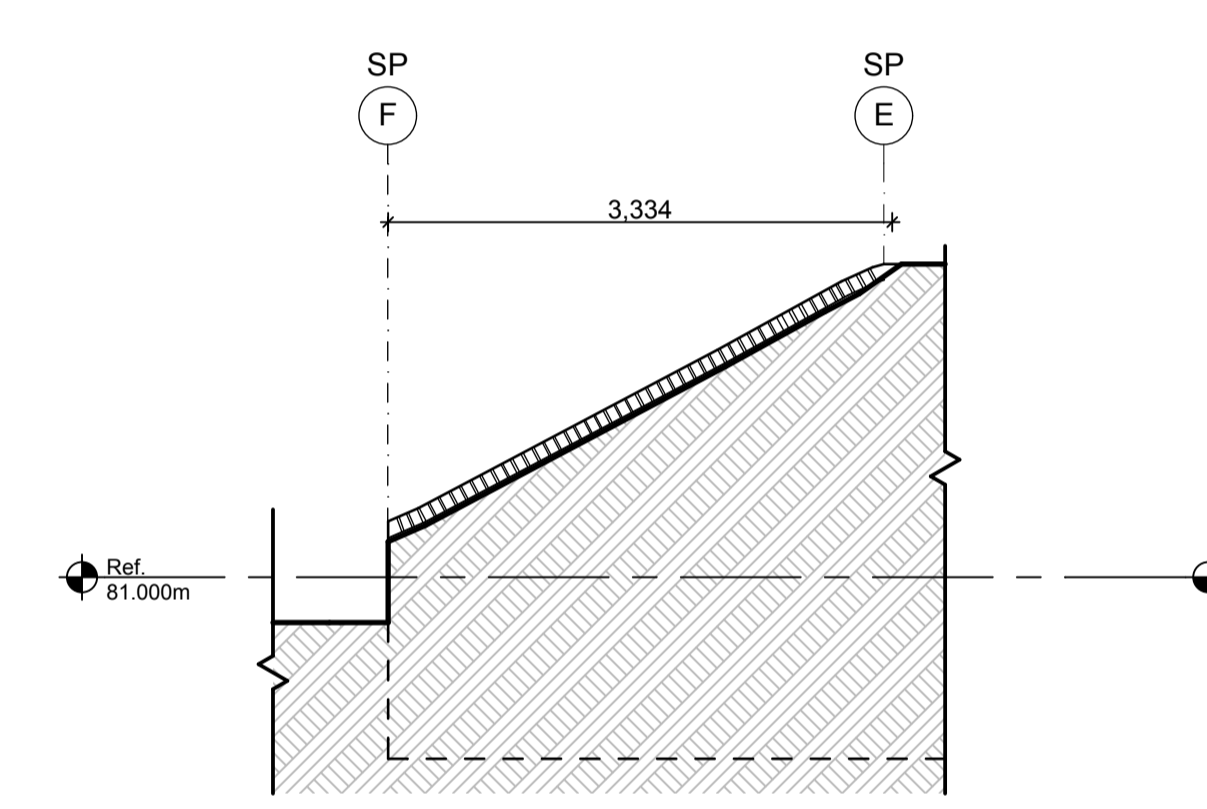
EAST EXTERIOR WING WALL, SECTION THROUGH EARTHWORKS
1:50



EAST EXTERIOR WING WALL ELEVATION
1:50



EAST INTERIOR WING WALL ELEVATION
1:50



EAST INTERIOR WING WALL, SECTION THROUGH EARTHWORKS
1:50

- GENERAL NOTES (SALLY PORT)
- General masonry repairs and repointing to be undertaken to various exposed masonry walls / surfaces on the exterior (Cash Allowance).
 - Existing modern graffiti on the exterior and within the underground tunnel and alcove to remain.

LEGEND (SALLY PORT):

	Existing sub-grade to remain.
	New topsoil and seed. Refer to Landscape.
	New stone dust surface.
	Existing masonry structure to remain.
	New granular fill.
	Reinstated native fill.

- DRAWING NOTES (SALLY PORT)
- New concrete footing at the end portion of the south exterior wing wall. Refer to Structural.
 - New Granular A backfill. Refer to Landscape.
 - New stone dust surface. Refer to Landscape.
 - New concrete strut beam below grade. Refer to Structural.
 - Area of localized masonry structural crack repair (unit price).
 - Existing masonry structure in Alcove to be repaired from interior and exterior (Cash Allowance).
 - Existing structural crack to be injected with grout from interior. Refer to Structural.
 - Existing drainage holes in exterior wing walls to be clear of debris/free-draining.
 - Existing metal gate/frame to be restored and reinstalled. Refer to details.
 - Area of new log crib installation. Refer to Landscape.
 - New horizontal insulation below grade. Refer to Structural.
 - New topsoil and seed. Refer to Landscape.

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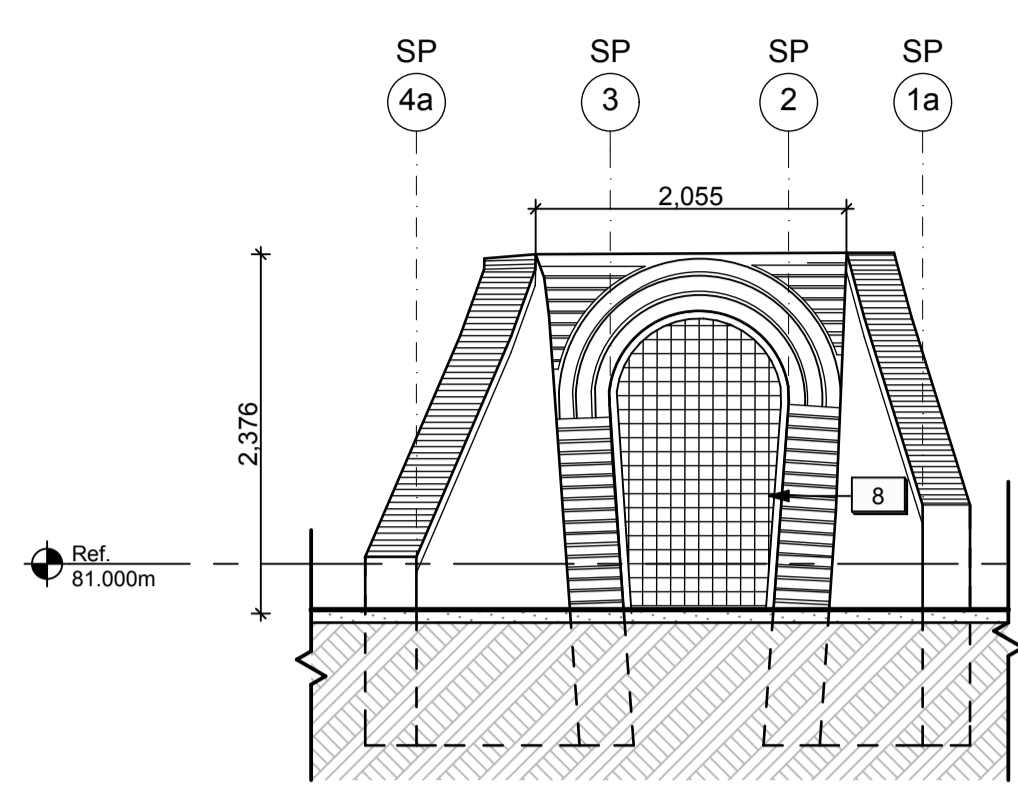
Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
SALLY PORT SECTIONS & ELEVATIONS 2

Scale / Echelle
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Drawn by / Dessine par AC/ML Date 2016-05-12

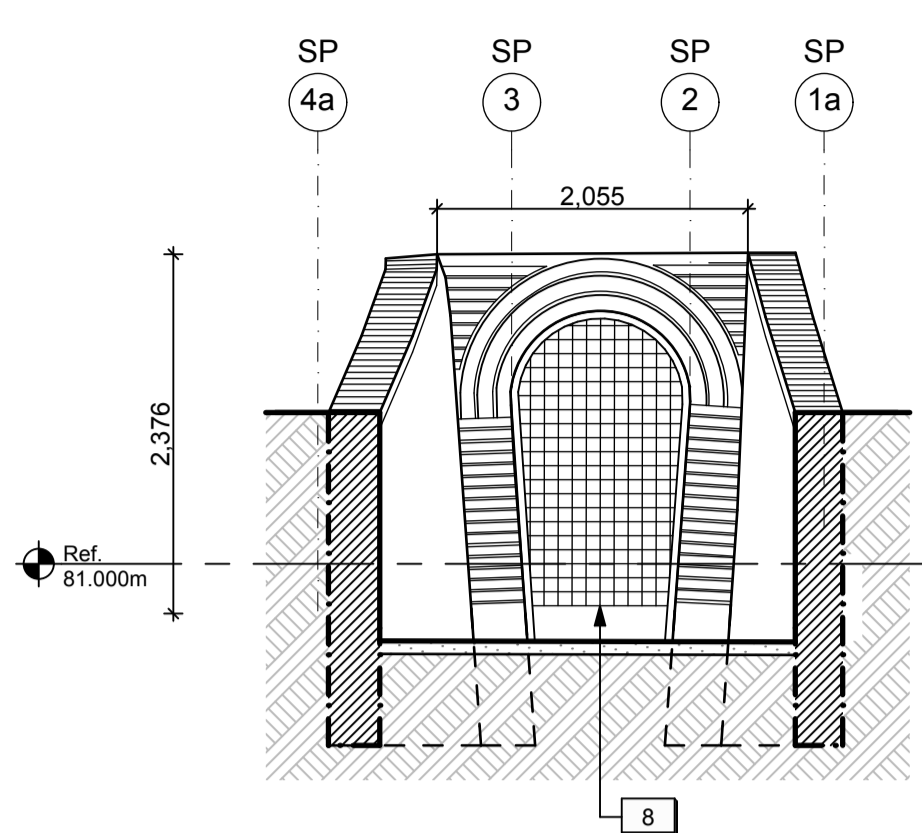
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Approved by / Approuvé par Date
Checked by / Vérifié par

Project No. / No. du projet PRO 000808	Asset No. 1300182	Sheet No. / Feuille No. A14
Drawing Reference No./No. du Dessin		

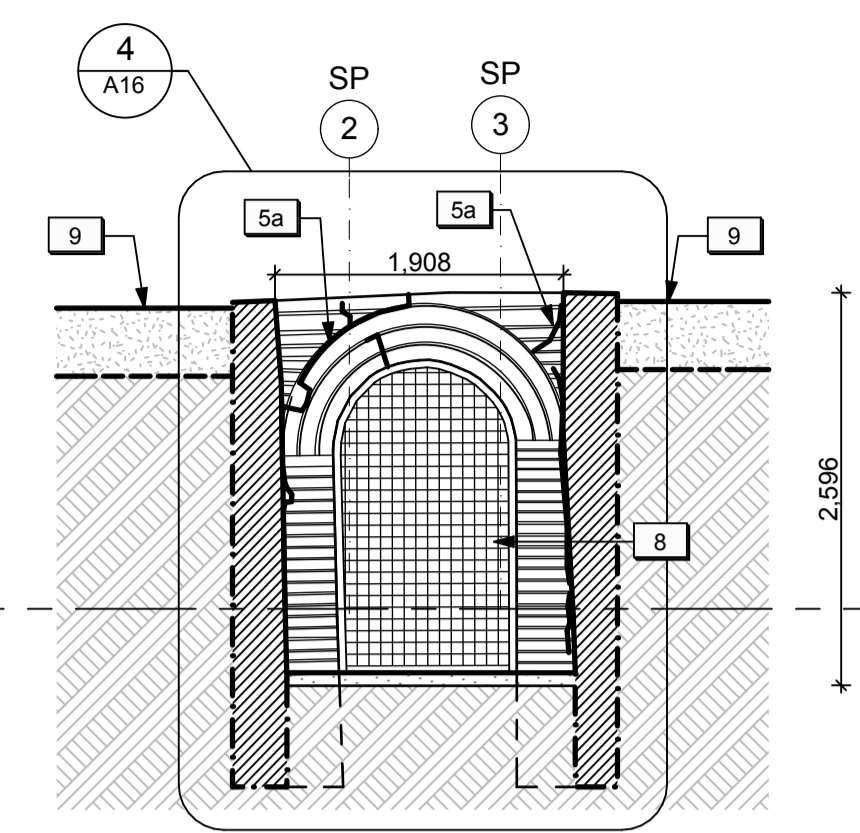


INTERIOR ENTRY WALL ELEVATION 1 A15 1:50

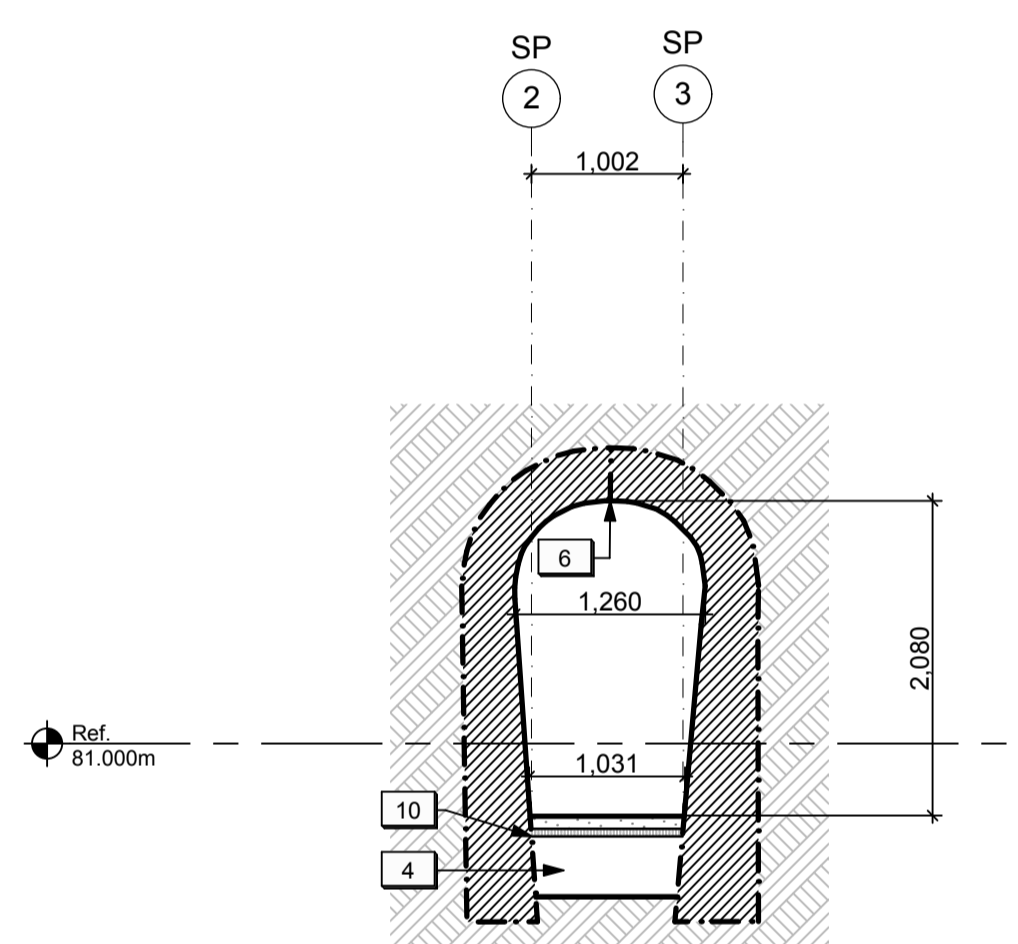
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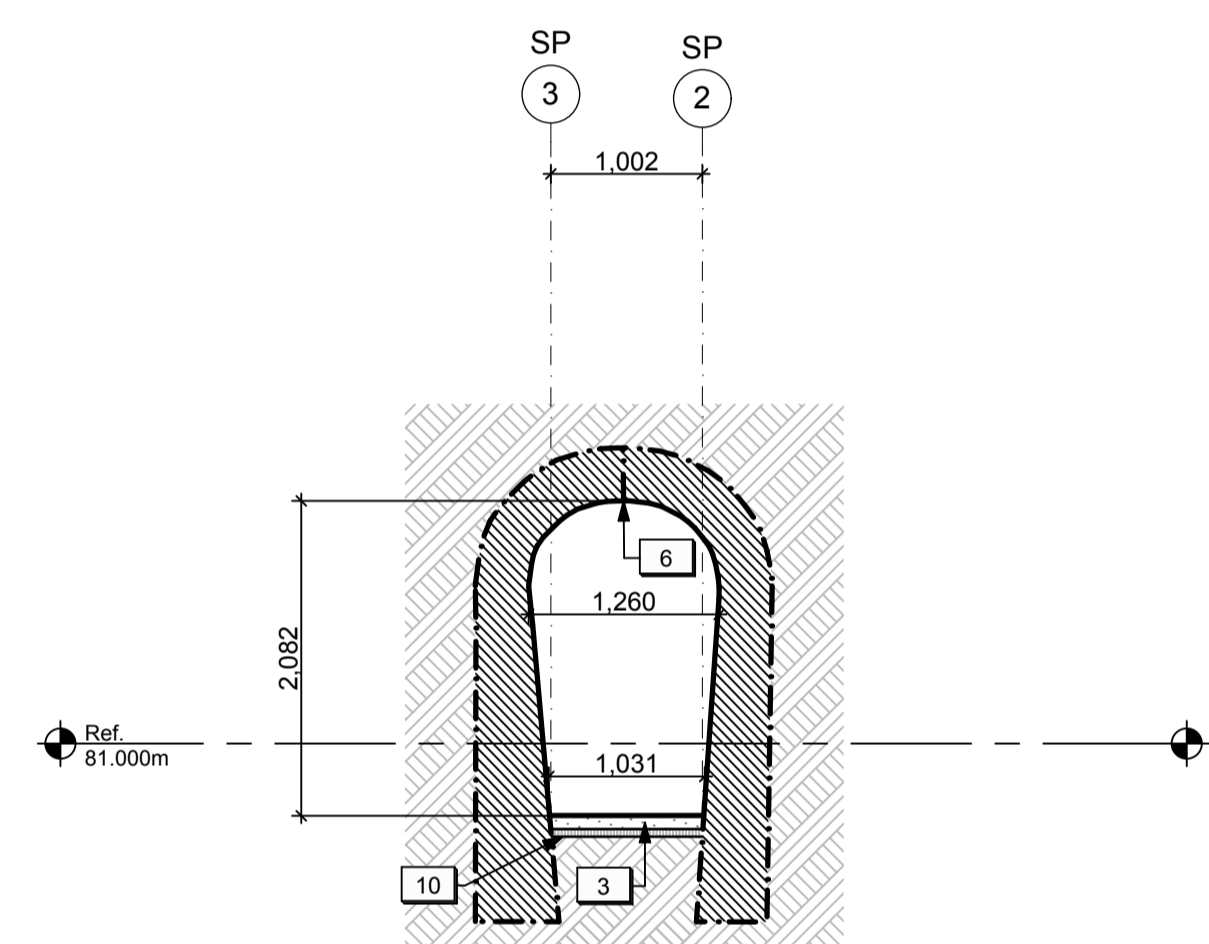
CROSS SECTION THROUGH INTERIOR WING WALL 3 A15 1:50



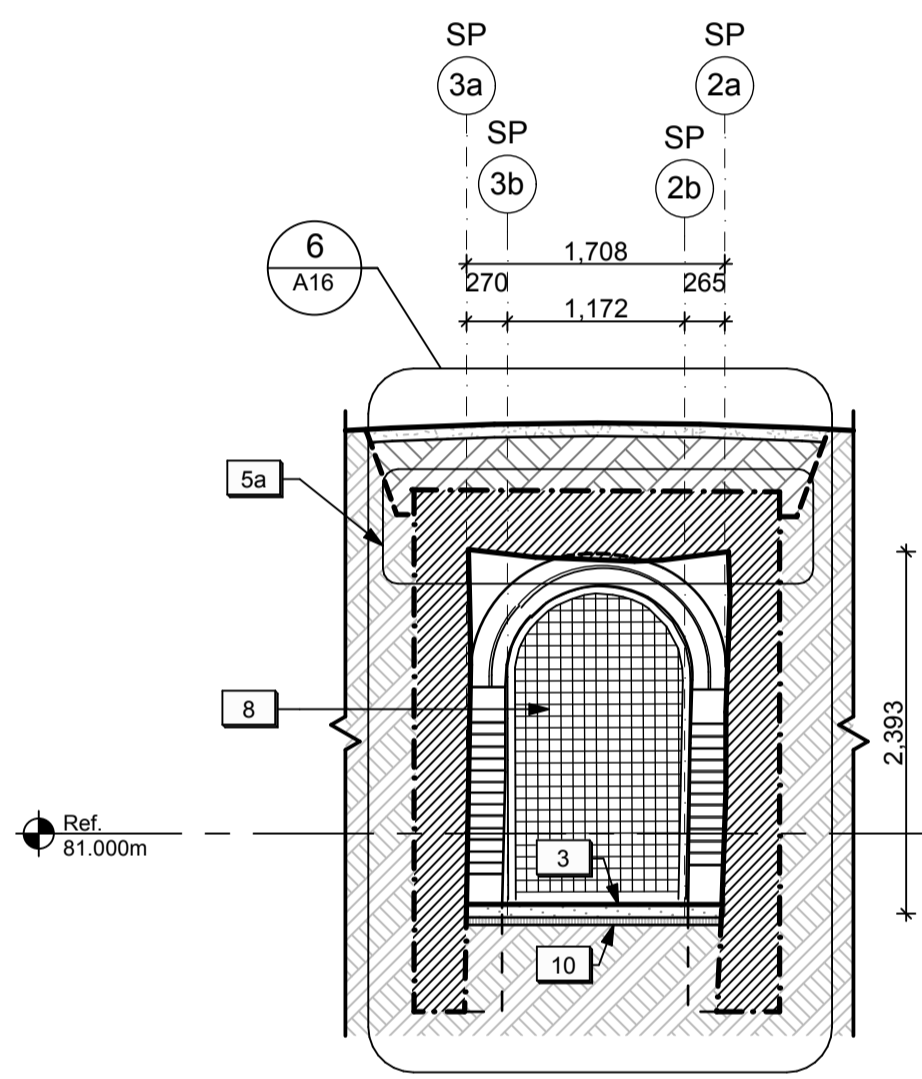
CROSS SECTION THROUGH EXTERIOR WING WALLS 4 A15 1:50



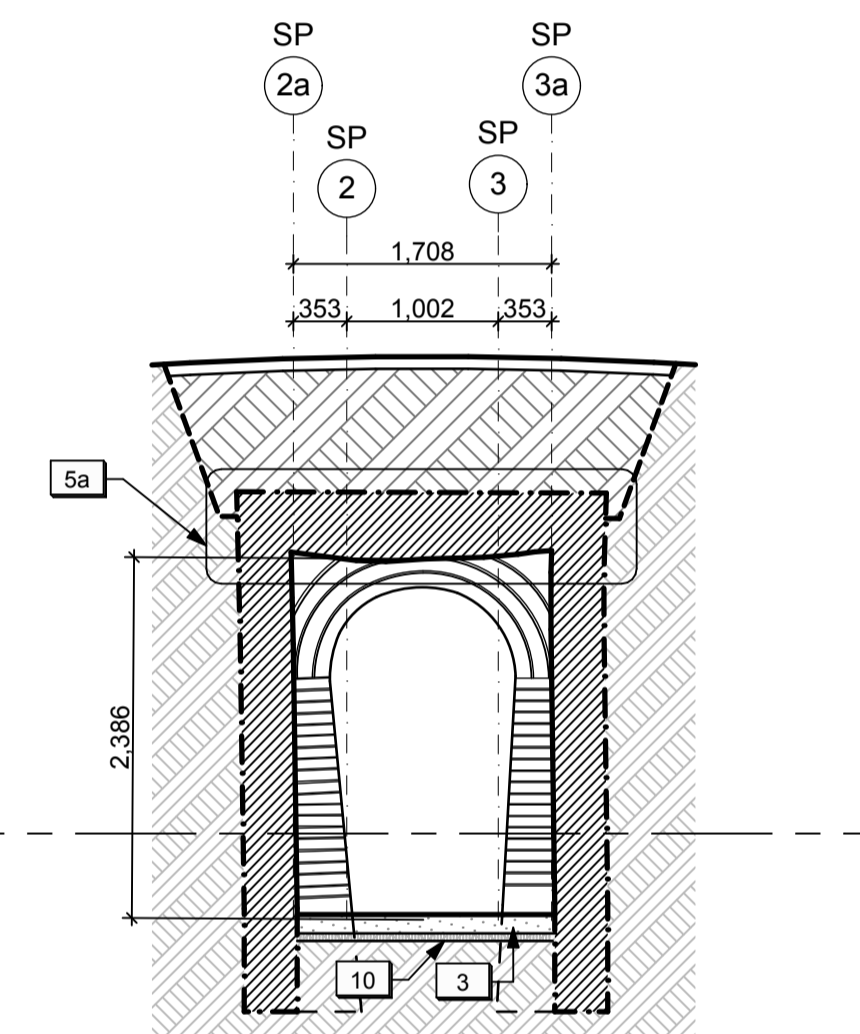
CROSS SECTION THROUGH TUNNEL (LOOKING SOUTH) 5 A15 1:50



CROSS SECTION THROUGH TUNNEL (LOOKING NORTH) 6 A15 1:50



CROSS SECTION THROUGH ALCOVE (LOOKING SOUTH) 7 A15 1:50



CROSS SECTION THROUGH ALCOVE (LOOKING NORTH) 8 A15 1:50

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Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

SALLY PORT SECTIONS & ELEVATIONS 3

Scale / Echelle
1:50

Drawn by / Dessine par
AC/ML Date
2016-05-12

Field Recording by / Releve-Terminé par
Date

Approved by / Approuve par
Date

Checked by / Verifie par

Project No. / No. du projet PRO 000808	Asset No. 1300182	Sheet No. / Feuille No. A15
Drawing Reference No./No. du Dessin		

GENERAL NOTES (SALLY PORT)

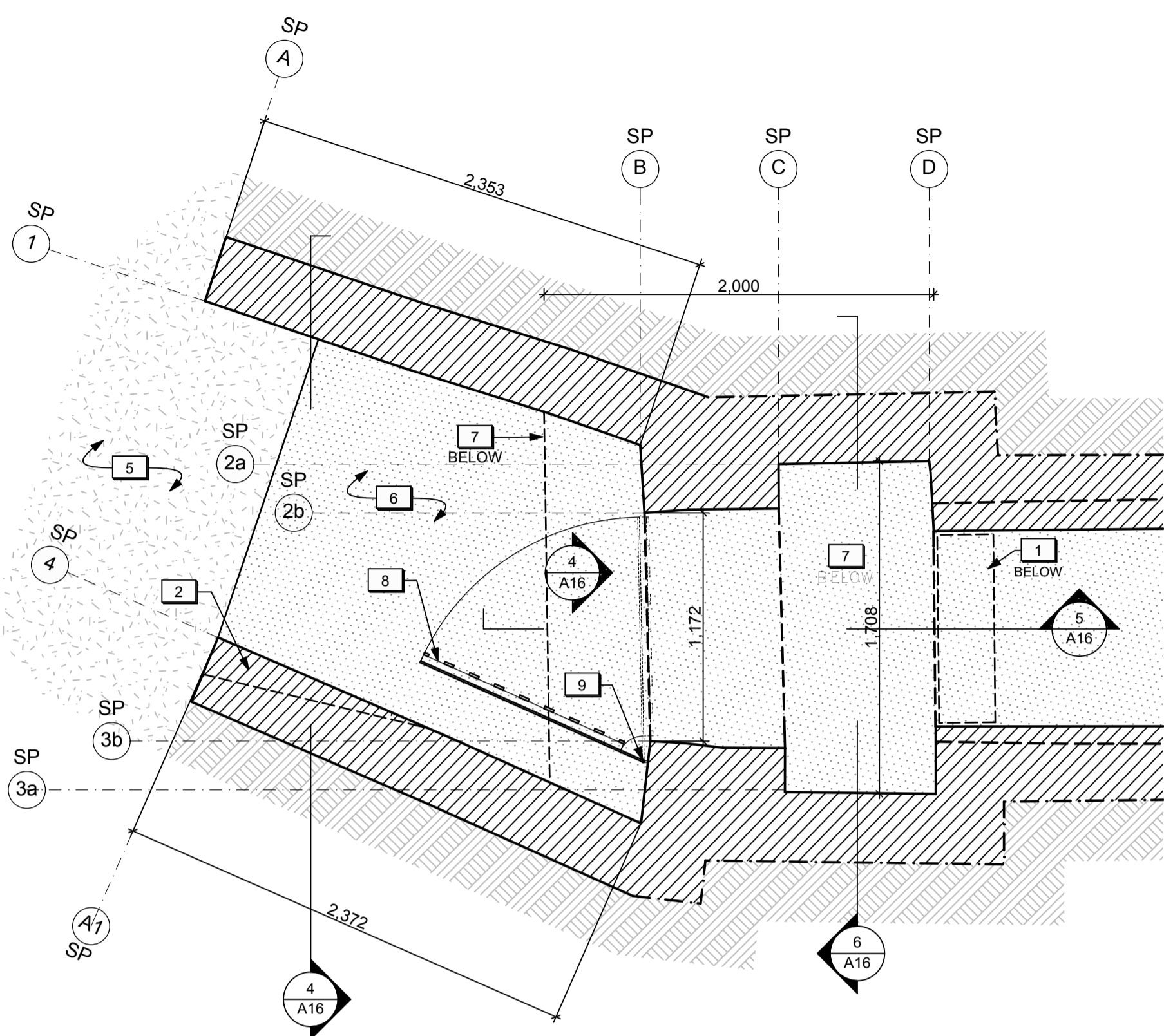
- General masonry repairs and repointing to be undertaken to various exposed masonry walls / surfaces on the exterior (Cash Allowance).
- Existing modern graffiti on the exterior and within the underground tunnel and alcove to remain.

LEGEND (SALLY PORT):

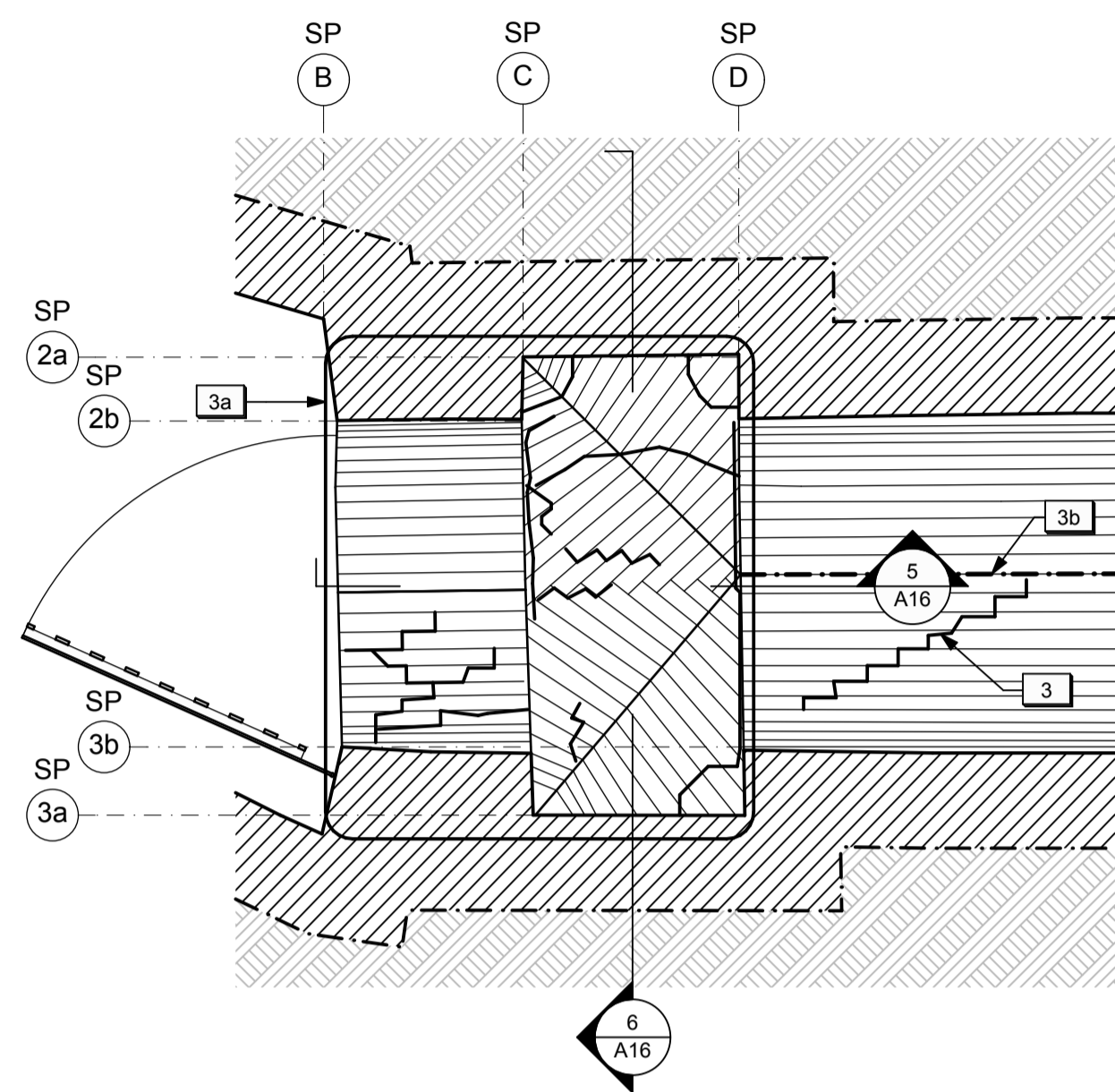
	Existing sub-grade to remain.
	New topsoil and seed. Refer to Landscape.
	New stone dust surface.
	Existing masonry structure to remain.
	New granular fill.
	Reinstated native fill.

DRAWING NOTES (SALLY PORT)

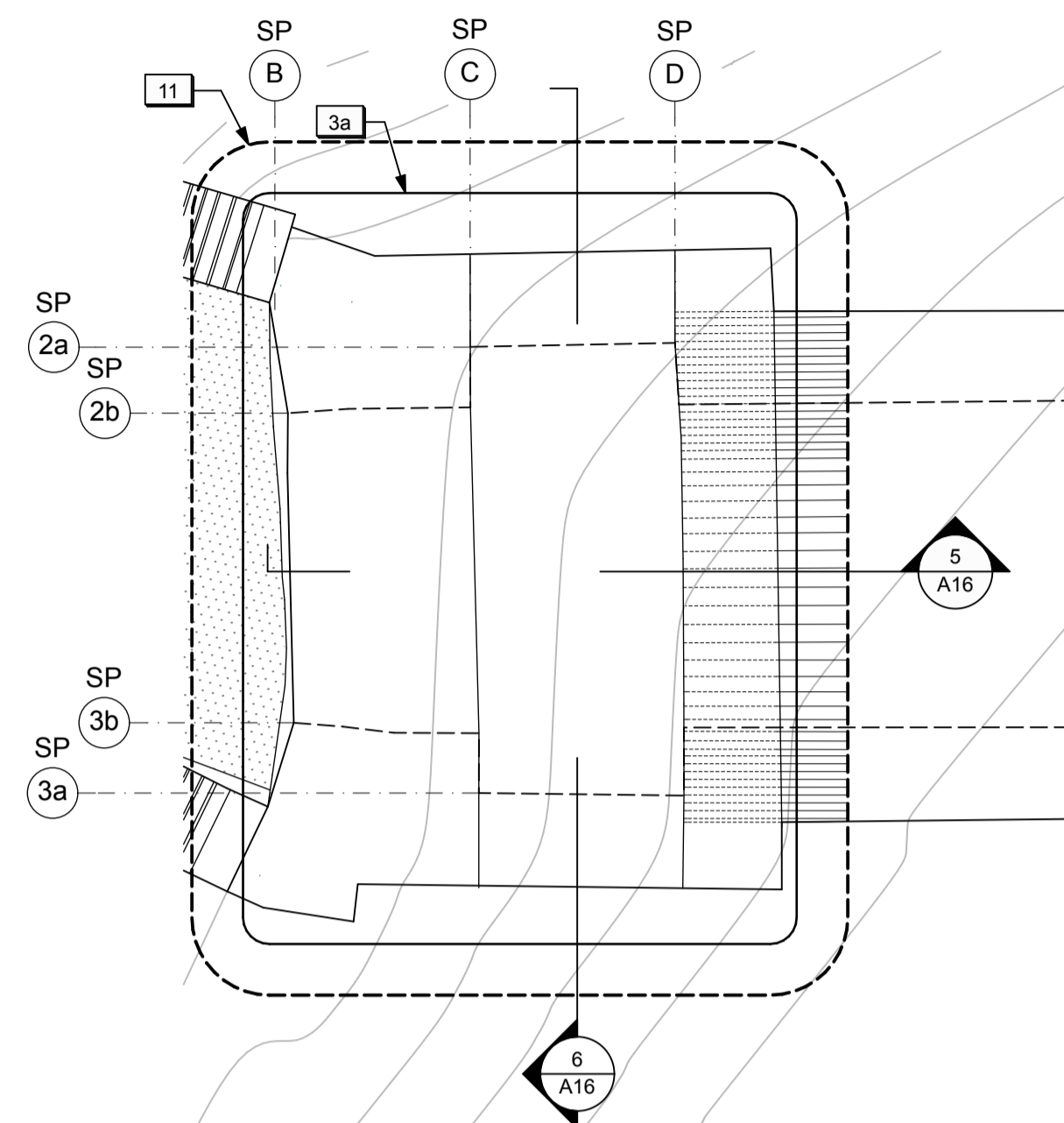
- New concrete footing at the end portion of the south exterior wing wall. Refer to Structural.
- New Granular A backfill. Refer to Landscape.
- New stone dust surface. Refer to Landscape.
- New concrete strut beam below grade. Refer to Structural.
- Area of localized masonry structural crack repair (unit price).
- Existing masonry structure in Alcove to be repaired from interior and exterior (Cash Allowance).
- Existing structural crack to be injected with grout from interior. Refer to Structural.
- Existing drainage holes in exterior wing walls to be clear of debris/free-draining.
- Existing metal gate/frame to be restored and reinstalled. Refer to details.
- Area of new log crib installation. Refer to Landscape.
- New horizontal insulation below grade. Refer to Structural.
- New topsoil and seed. Refer to Landscape.



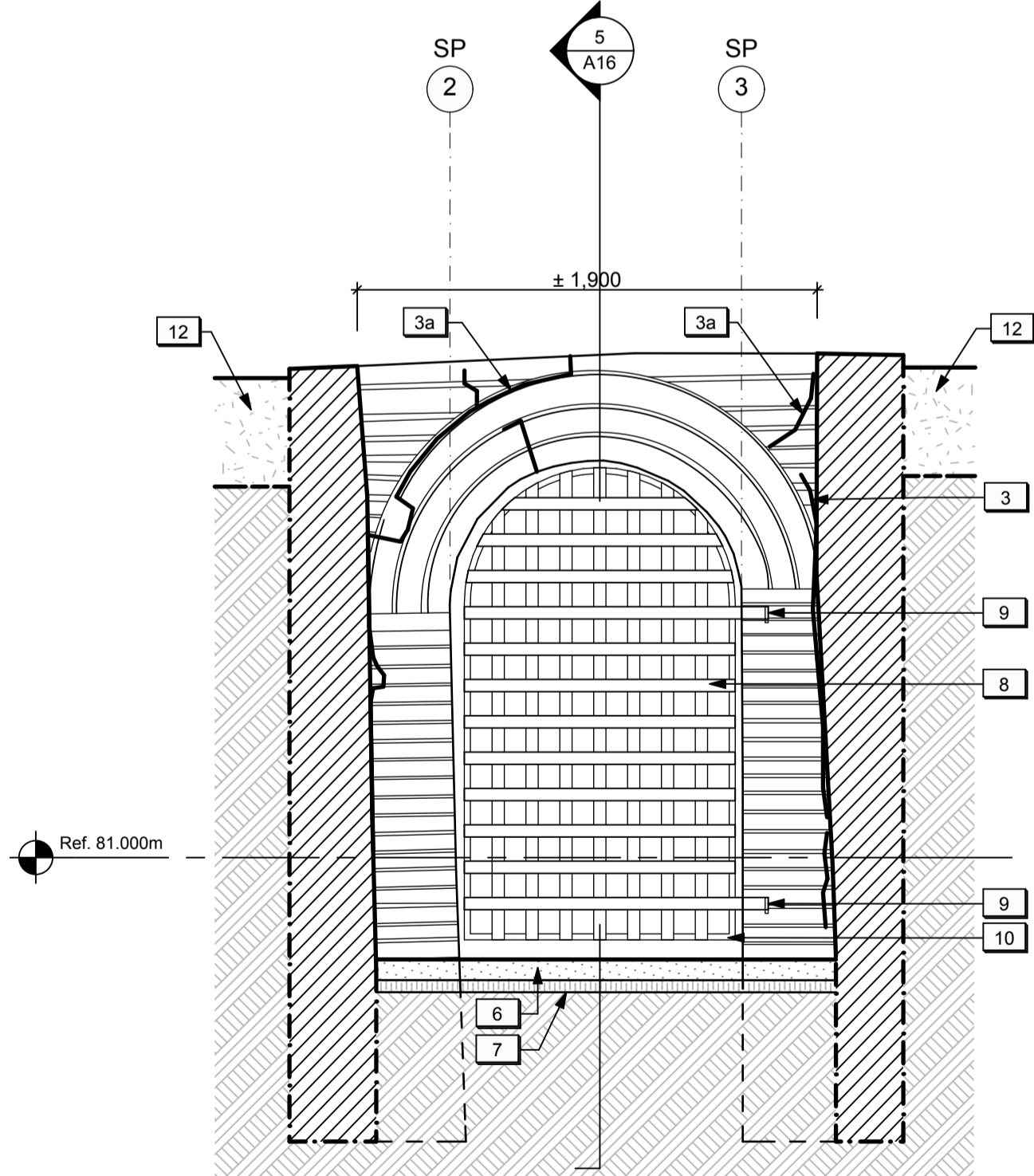
ALCOVE & EXTERIOR WING WALLS PLAN
1:25 (1) A16



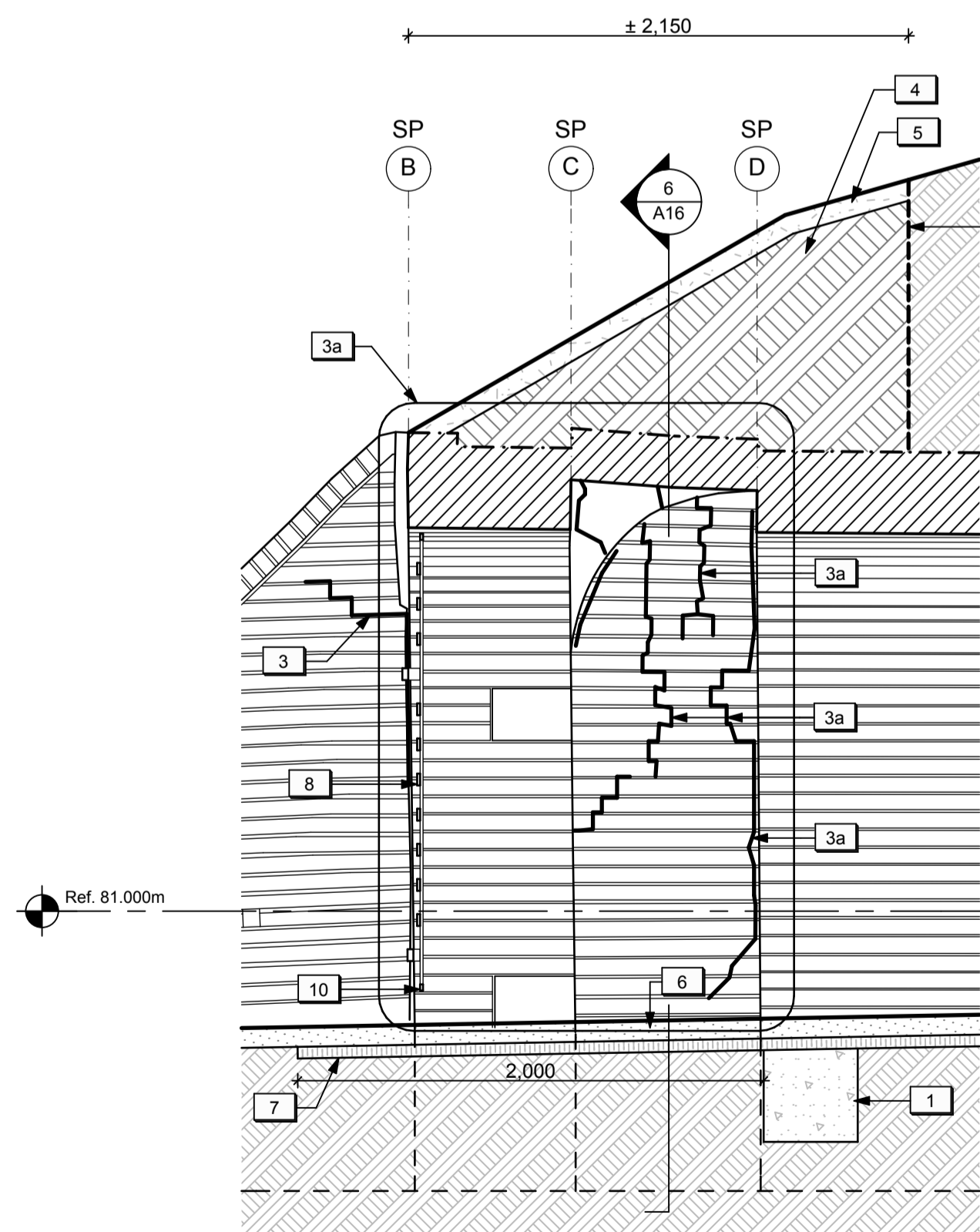
ALCOVE - RCP
1:25 (2) A16



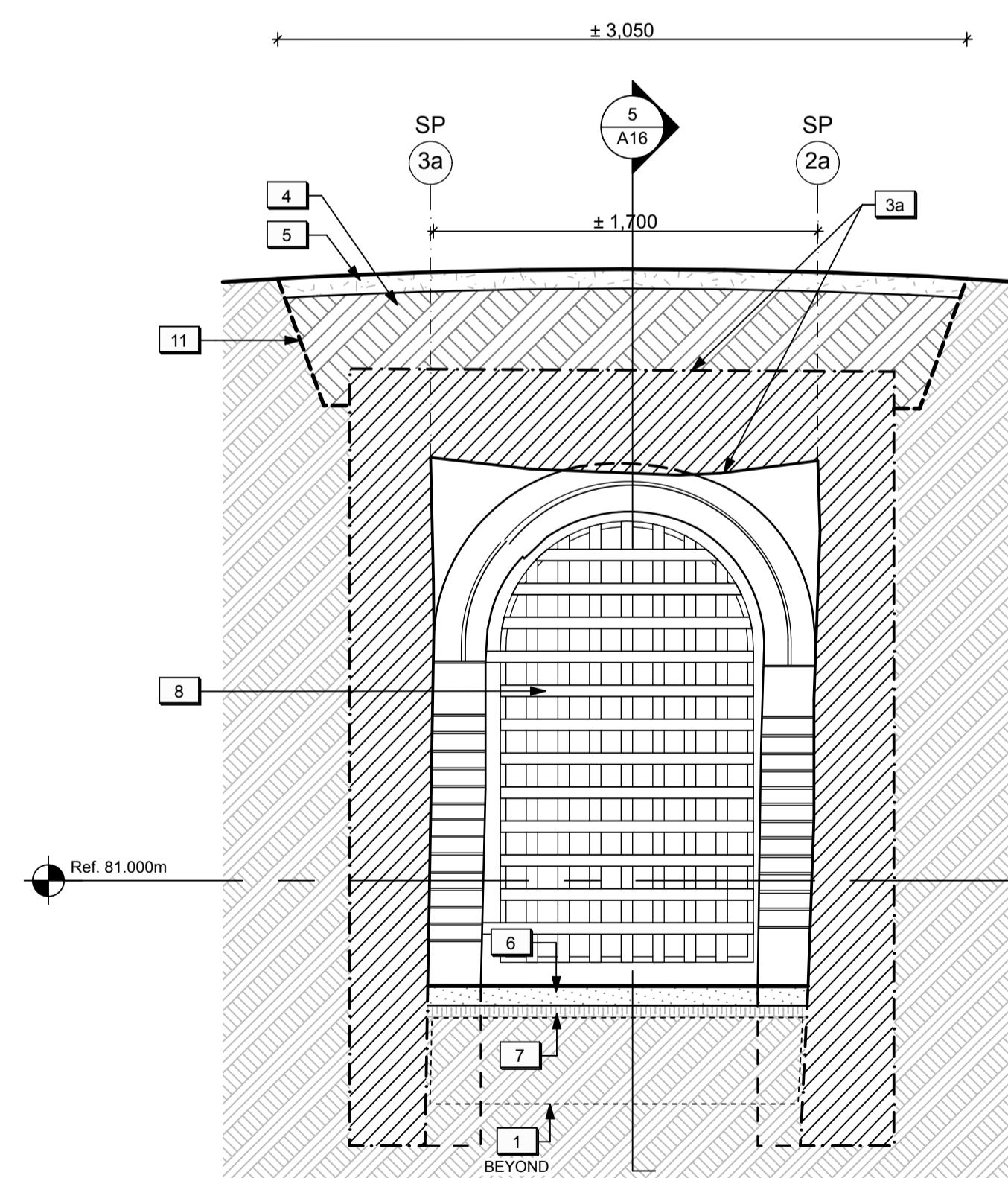
ALCOVE PLAN - TOP VIEW
1:25 (3) A16



CROSS SECTION THROUGH EXTERIOR WING WALLS
1:25 (4) A16



SECTION THROUGH ALCOVE
1:25 (5) A16



CROSS SECTION THROUGH ALCOVE
1:25 (6) A16

LEGEND (SALLY PORT):

- Existing sub-grade to remain.
- New topsoil and seed.
- New granular fill.
- Reinstated native fill.

DRAWING NOTES (SALLY PORT - DETAILS):

1. New concrete strut beam below grade. Refer to Structural.
2. New concrete footing at the end portion of the south exterior wing wall. Refer to Structural.
3. Area of localized masonry structural crack repairs (unit price).
- 3a. Existing masonry structure in Alcove to be repaired from interior and exterior (Cash Allowance).
- 3b. Existing structural crack to be injected with epoxy from interior. Refer to Structural.
4. New granular fill. Refer to Landscape.
5. New topsoil and seed. Refer to Landscape.
6. New stone dust surface. Refer to Landscape.
7. New horizontal insulation. Refer to Landscape.
8. Existing metal gate to be restored and reinstalled.
9. Hinge pins to be surface-mounted on face of existing masonry as required.
10. Height of existing metal gate to be modified to accommodate new/revised grade.
11. Extent of hand excavation above Alcove structure. Refer to Landscape.
12. New log cribs walls. Refer to Landscape.

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Linear dimensions in millimeters Dimensions lineaires en millimetres

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Type of Record / Type d'enregistrement

Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

SALLY PORT DETAILS

Scale / Echelle

1:25

Drawn by / Dessiné par AC/ML Date 2016-05-12

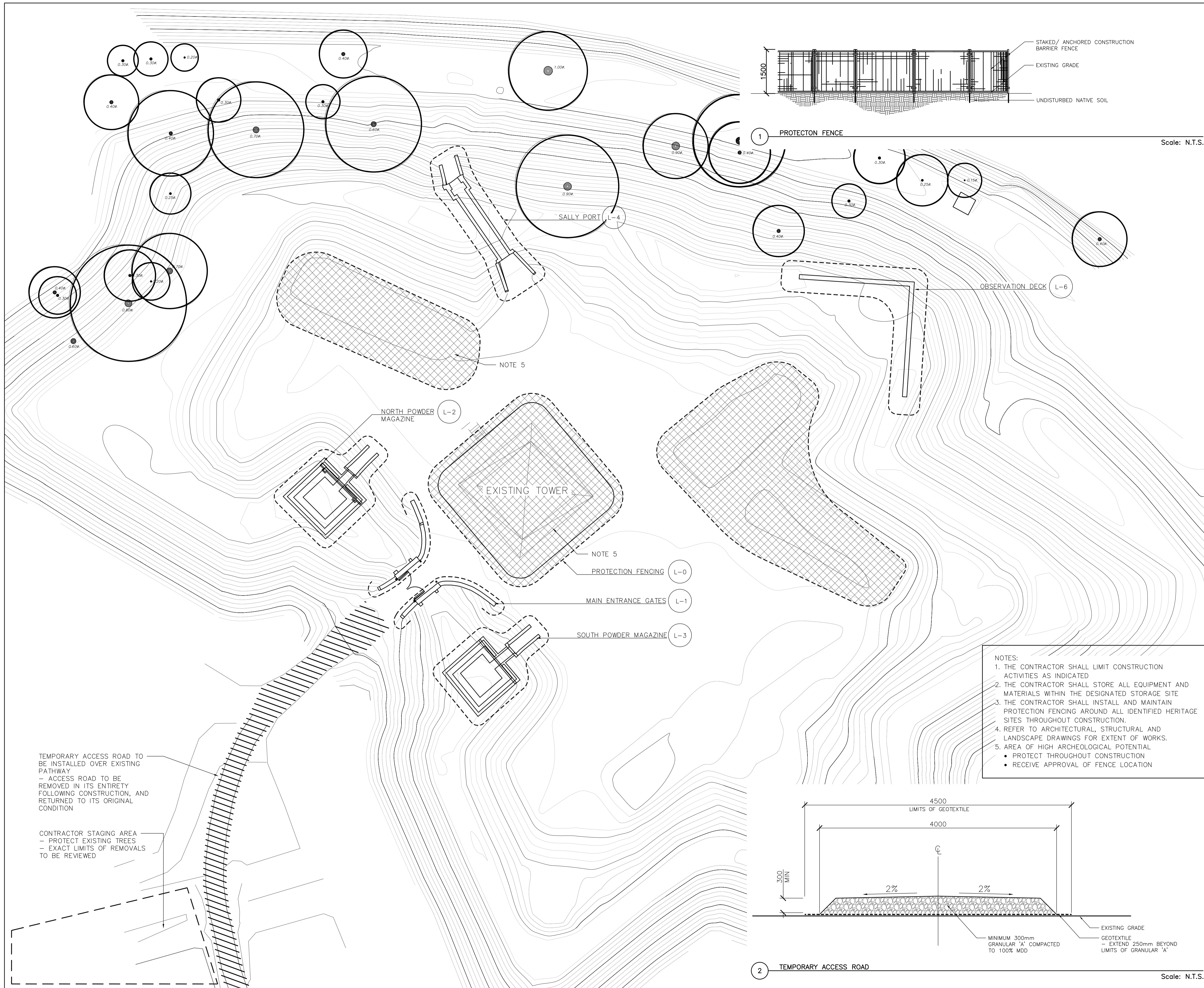
Field Recording by / Relevé-Terminé par Date

Approved by / Approuvé par Date

Checked by / Vérifié par

Project No. / No. du projet PRO 000808 Asset No. 1300182 Sheet No. / Feuille No. A16
Drawing Reference No./No. du Dessin

Filename: /Volumes/More/2 PROJECT FILES/ACTIVE/FORT MISSISSAUGA/2 DRAWINGS/03 WORKING DRAWINGS/Main Entrance Gate WD.dwg Plotter: 2016-01-29 3:57 PM



Scale: N.T.S.

revision	issued / revisions	date
04	ISSUED FOR TENDER	16/05/13
03	ISSUED FOR 99% DESIGN REVIEW	16/04/15
02	ISSUED FOR 66% DESIGN REVIEW	16/03/09
01	ISSUED FOR 33% DESIGN REVIEW	16/02/05

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Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
FORT MISSISSAUGA LANDSCAPE RESTORATION

Scale / Echelle
SCALE: 1:200

Drawn by/ Dessine par
SH
Date
16/02/05

Field Recording by / Releve-Termin par
Date

Approved by / Approuve par
ML
Date
16/02/05

Checked by/ Verifie par
ML

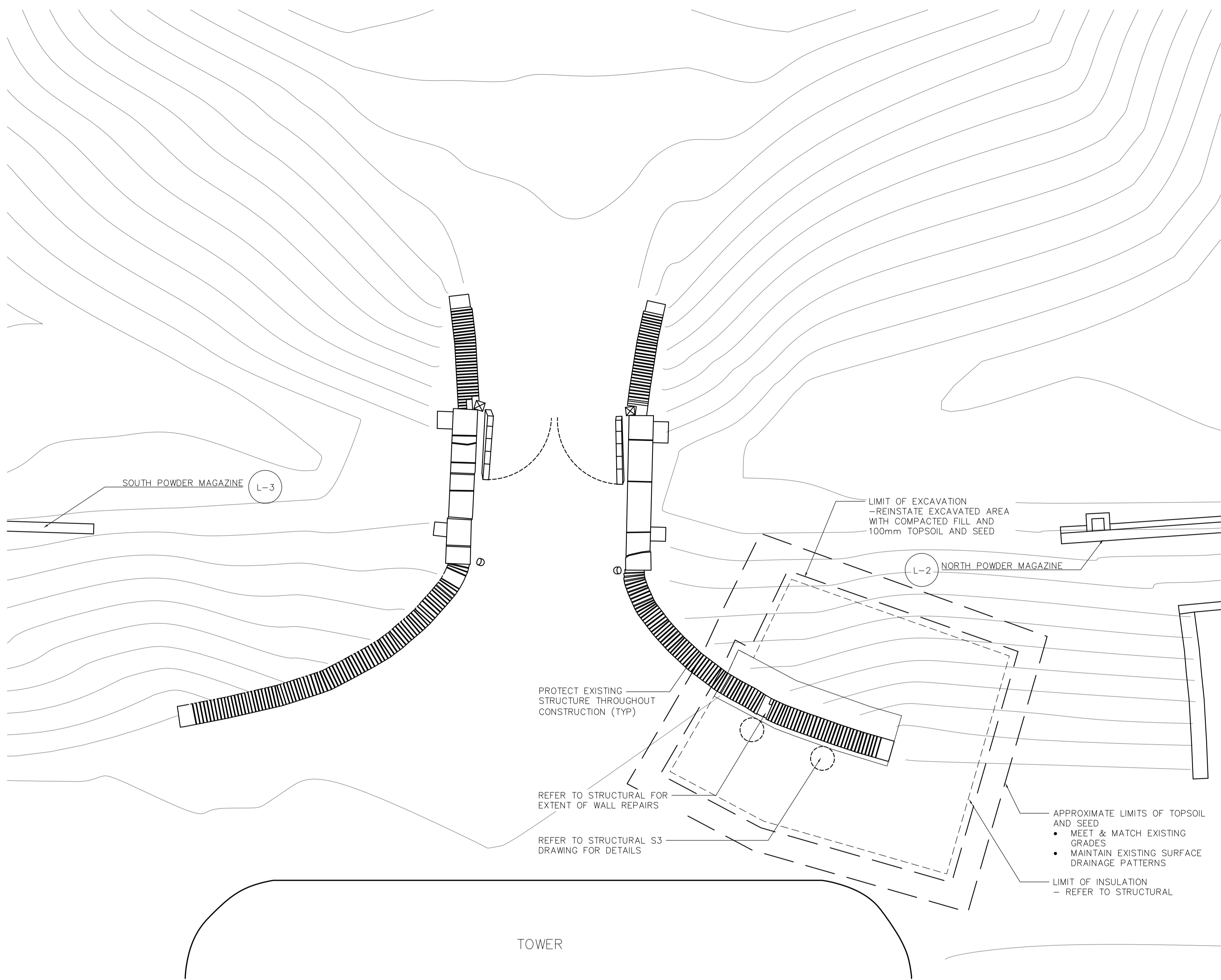
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000808

Asset No.
1300164
1300182

Sheet No./ Feuille No.
L-0

Drawing Reference No./No. du Dessin

Scale: N.T.S.



PLAN
SCALE 1 : 50

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Filename: \\dames\mohr\2 PROJECT FILES\ACTIVE\FORT MISSISSAUGA\2 DRAWINGS\03 WORKING DRAWINGS\Main Entrance Gate WD.dwg Plotter: 2016-01-29 3:57 PM

04	ISSUED FOR TENDER	16/05/13
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02	ISSUED FOR 66% DESIGN REVIEW	16/03/09
01	ISSUED FOR 33% DESIGN REVIEW	16/02/05
revision	issued / revisions	date

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A B	A Detail number	A Numero de detail
	B Sheet number	B Sur feuille numero

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Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
MAIN ENTRANCE GATE LANDSCAPE RESTORATION

Scale / Echelle
SCALE: AS NOTED

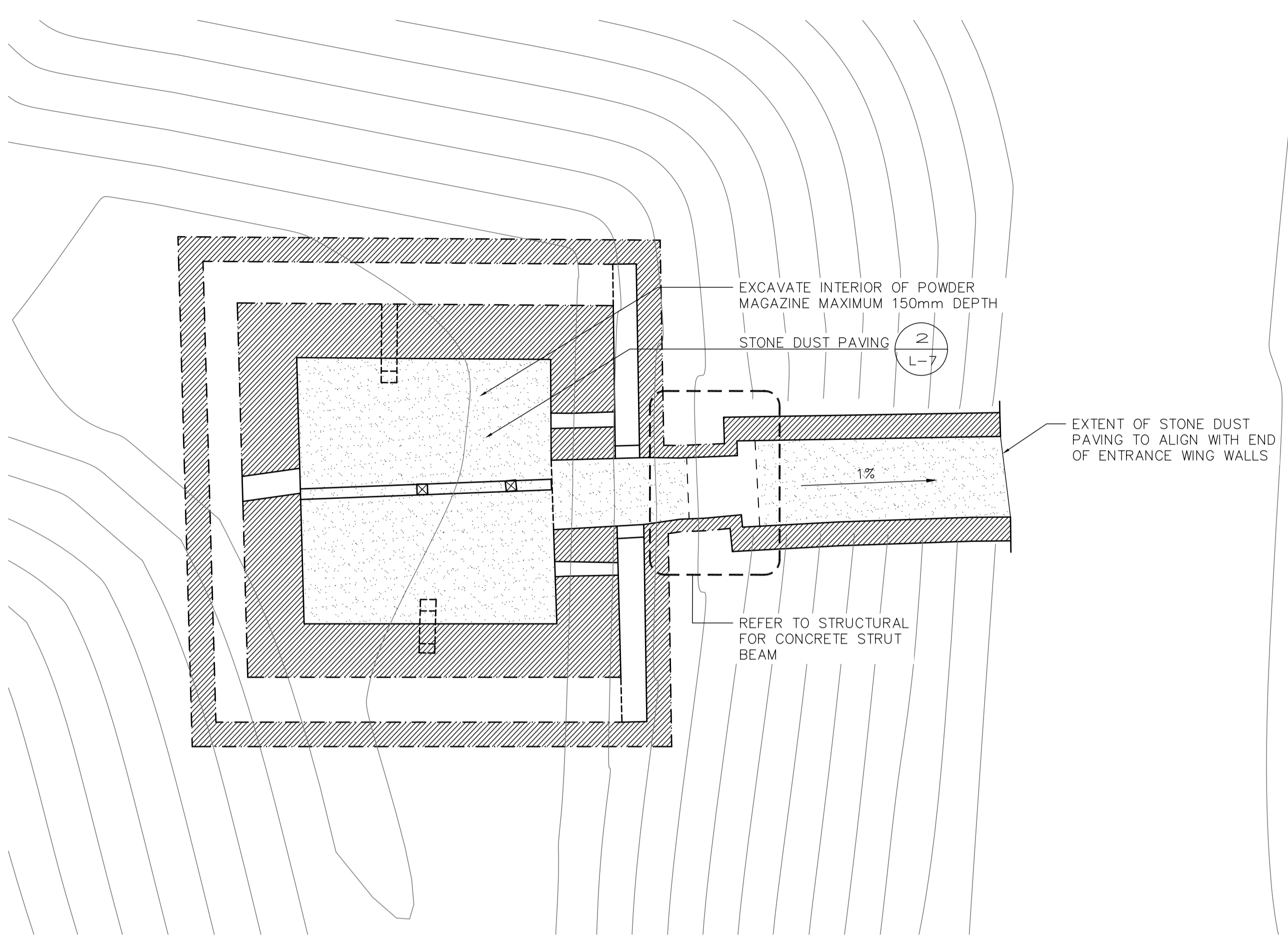
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Field Recording by / Releve-Termain par _____ Date _____

Approved by / Approuve par ML Date 16/02/05

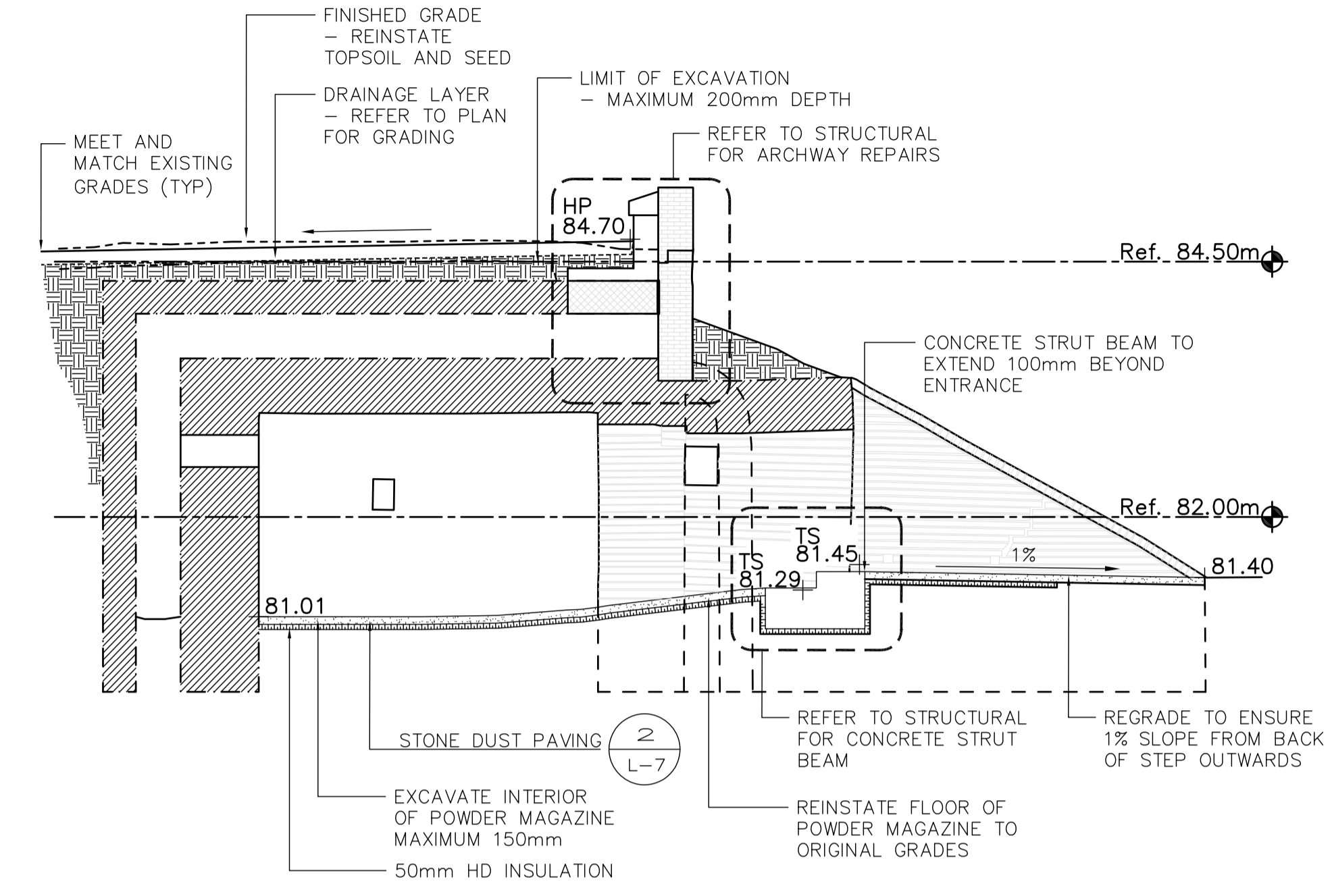
Checked by/ Verifie par ML

Project No./ No. du projet 000808	Asset No. 1300164	Sheet No./ Feuille No. L-1
Drawing Reference No./No. du Dessin		L-1



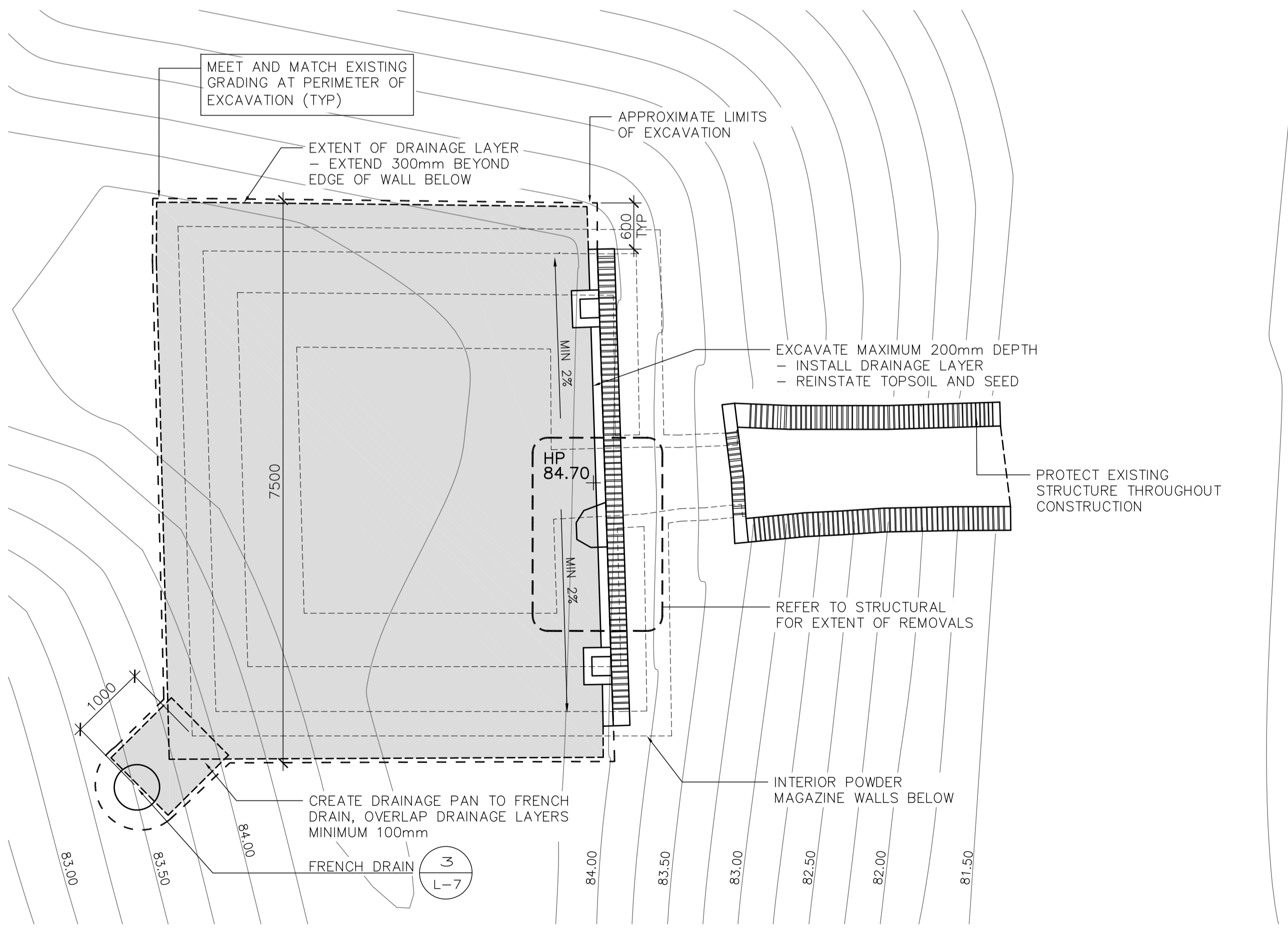
PLAN - AT GRADE
SCALE 1 : 50

1



SECTION
SCALE 1 : 50

2



PLAN - TOP VIEW
SCALE 1 : 50

3

04	ISSUED FOR TENDER	16/05/13
03	ISSUED FOR 99% DESIGN REVIEW	16/04/15
02	ISSUED FOR 66% DESIGN REVIEW	16/03/09
01	ISSUED FOR 33% DESIGN REVIEW	16/02/05
revision	issued / revisions	date

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the engineer of all discrepancies.

(A)	A Detail number	A Numero de detail
(B)	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters / Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client
Signature _____ Date _____
File No. / No. de dossier _____



PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT



Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
NORTH POWDER MAGAZINE LANDSCAPE RESTORATION

Scale / Echelle
SCALE: AS NOTED

Drawn by/ Dessine par SH Date 16/02/05

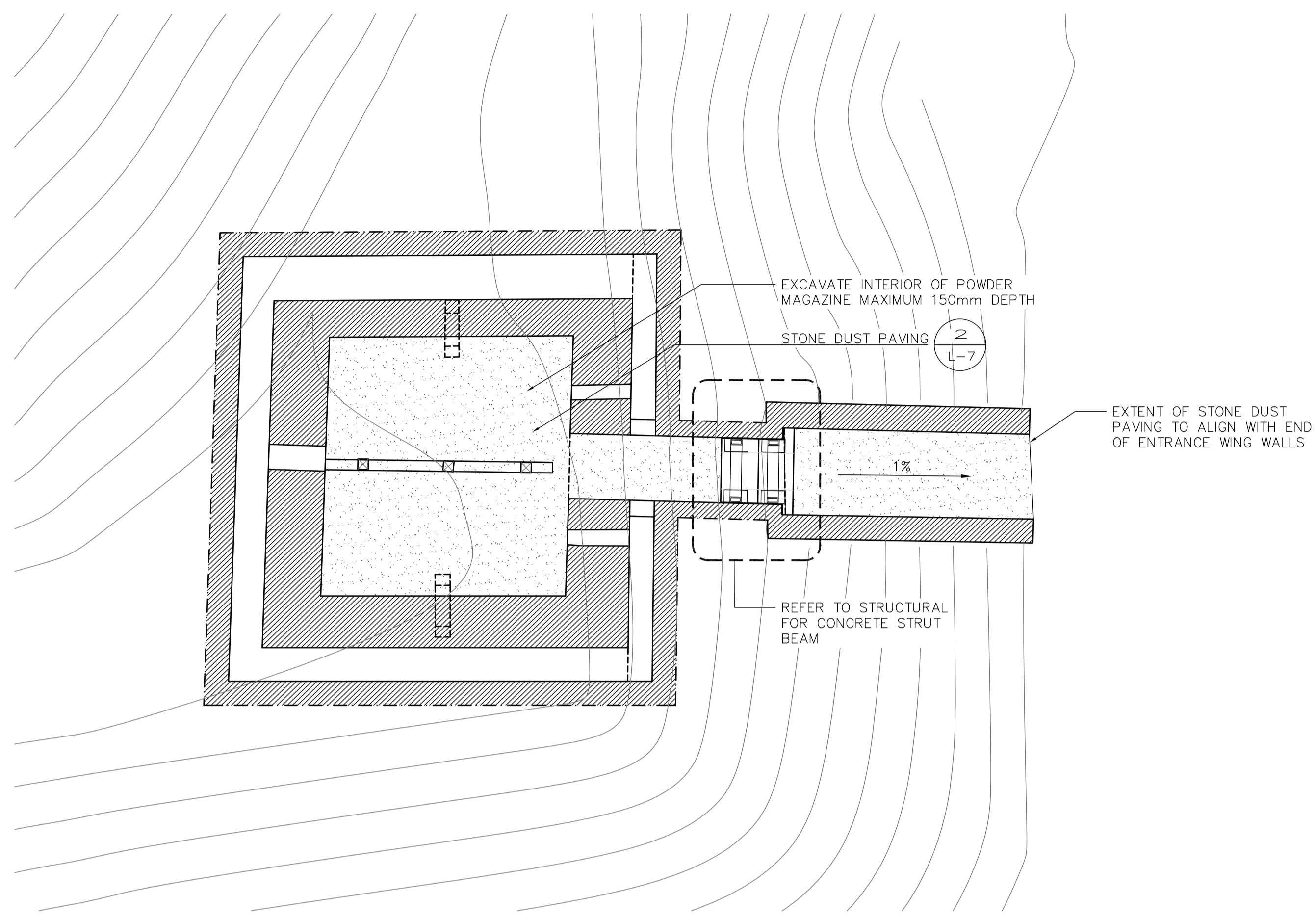
Field Recording by / Releve-Termin par SH Date 16/02/05

Approved by / Approuve par ML Date 16/02/05

Checked by/ Verifie par ML

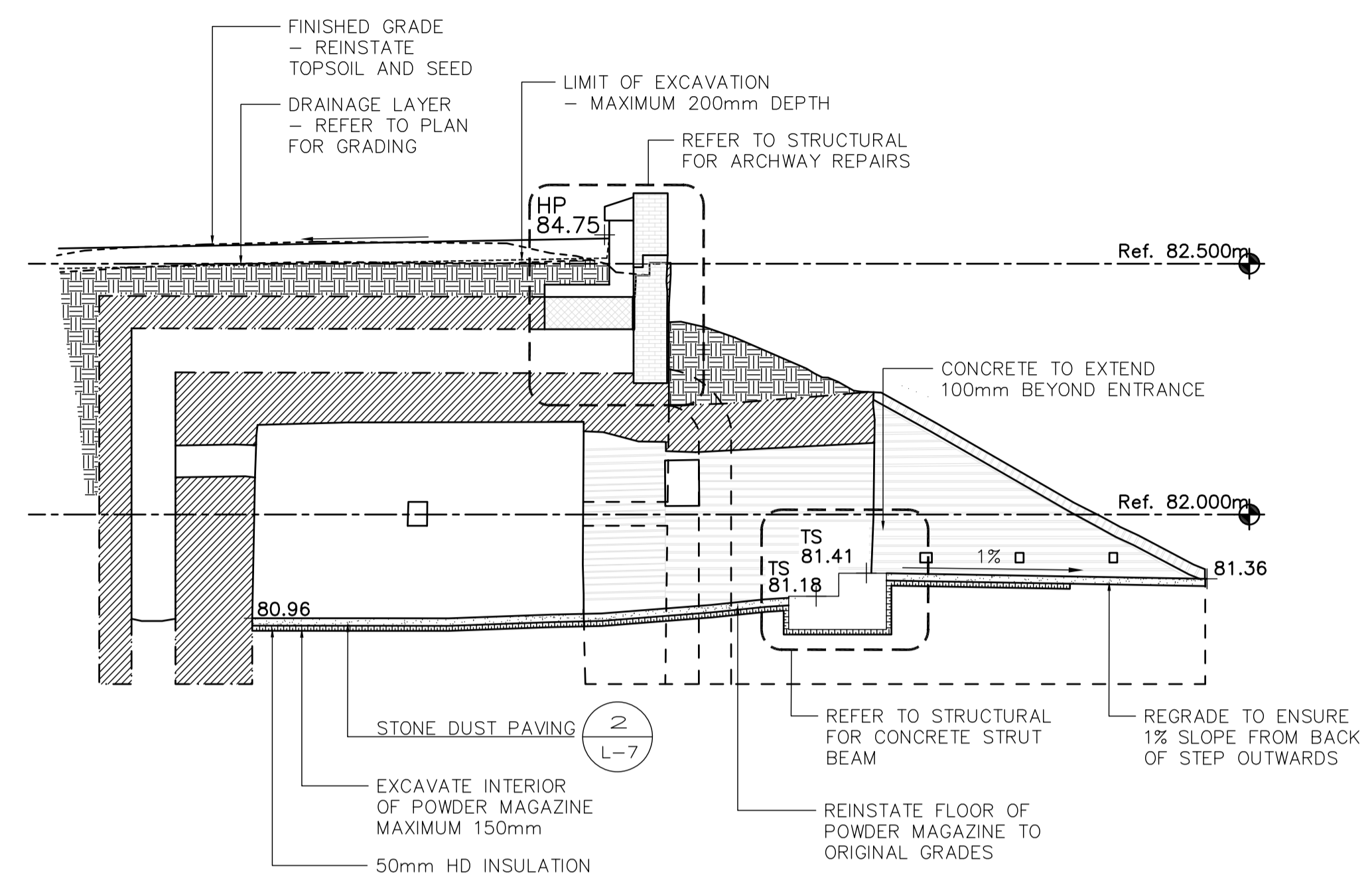
Project No./ No. du projet 000808 Asset No. 1300164 Sheet No./ Feuille No. L-2

Drawing Reference No./No. du Dessin



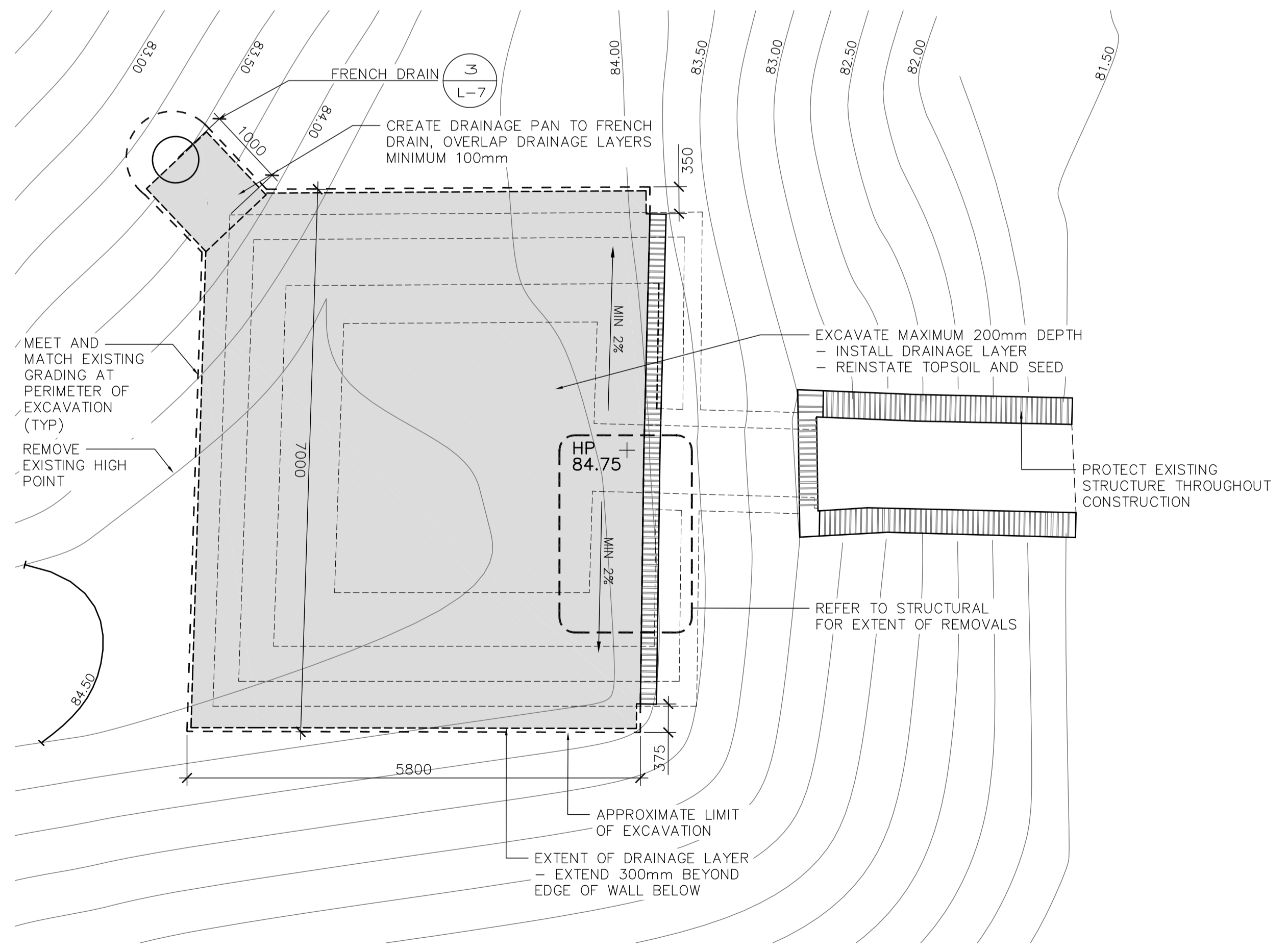
PLAN - AT GRADE
SCALE 1 : 50

1



SECTION
SCALE 1 : 50

2



PLAN - TOP VIEW
SCALE 1 : 50

3

04	ISSUED FOR TENDER	16/05/13
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PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

BARRY PADOLSKY ASSOCIATES INC. ARCHITECTS
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Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
SOUTH POWDER MAGAZINE LANDSCAPE RESTORATION

Scale / Echelle
SCALE: AS NOTED

Drawn by/ Dessine par
SH
Date
16/02/05

Field Recording by / Releve-Termain par
ML
Date
16/02/05

Approved by / Approuve par
ML
Date
16/02/05

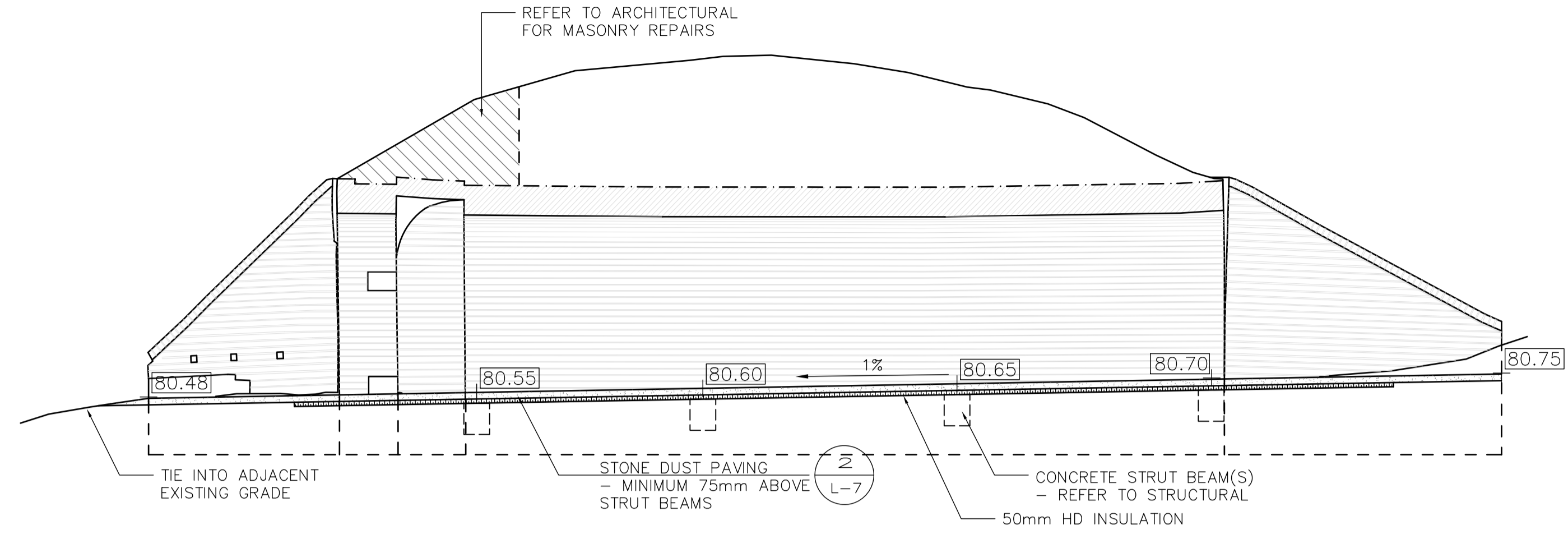
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ML

Project No./ No. du projet
000808

Asset No.
1300164

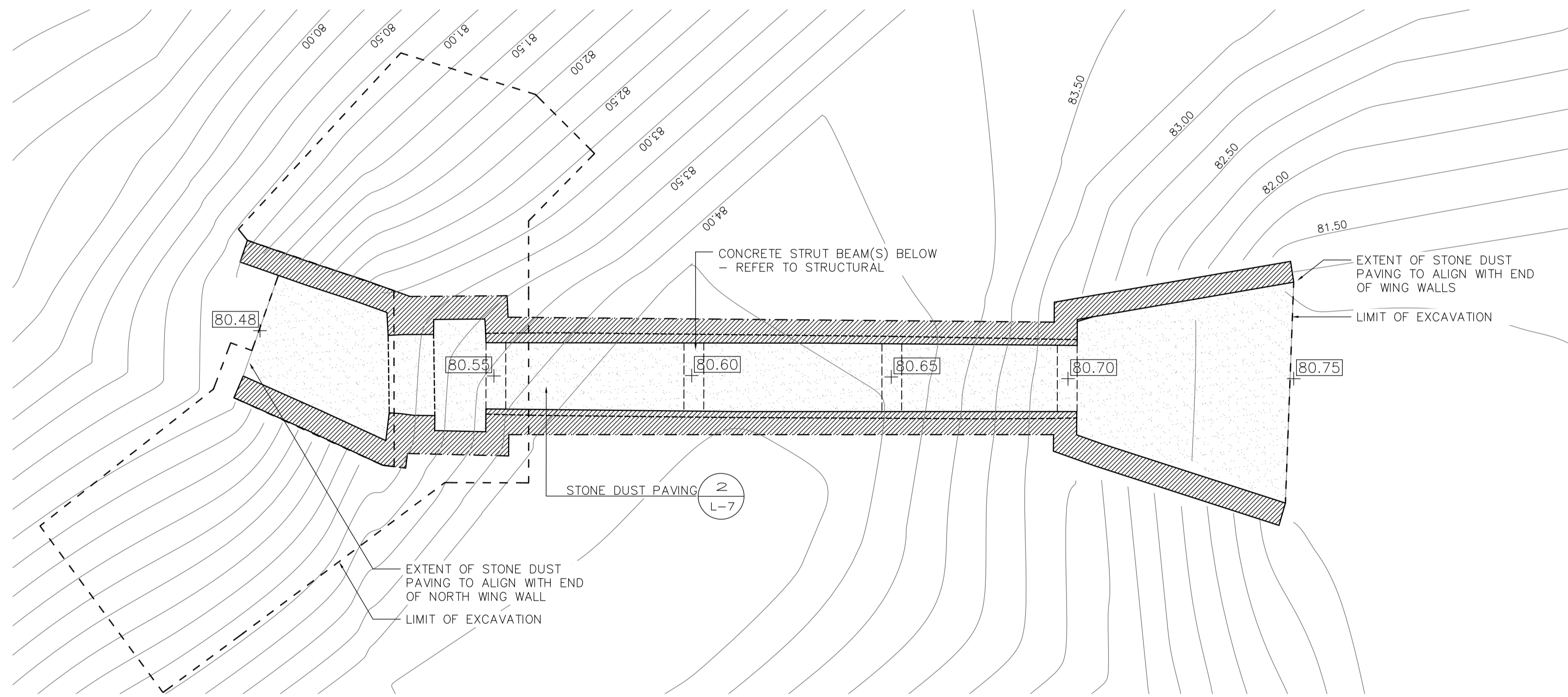
Sheet No./ Feuille No.
L-3

Drawing Reference No./No. du Dessin



ELEVATION
SCALE 1 : 50

1



PLAN - AT GRADE
SCALE 1 : 50

2

Filename: /Volumes/Mohrenz2/PROJECT FILES/ACTIVE/FORT MISSISSAUGA/2 DRAWINGS/03 WORKING DRAWINGS/Main Entrance Gate WD.dwg Plotdate: 2016-01-29 3:57 PM

04	ISSUED FOR TENDER	16/05/13
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BARRY PADOLSKY ASSOCIATES INC. ARCHITECTS
Landscape Architecture
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277 Bullock Street, Ottawa, ON K2P 2G8
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email: padolsky-architects.com

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f: 905.943.0400
www.parsons.com
JOB NO. 60295

Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

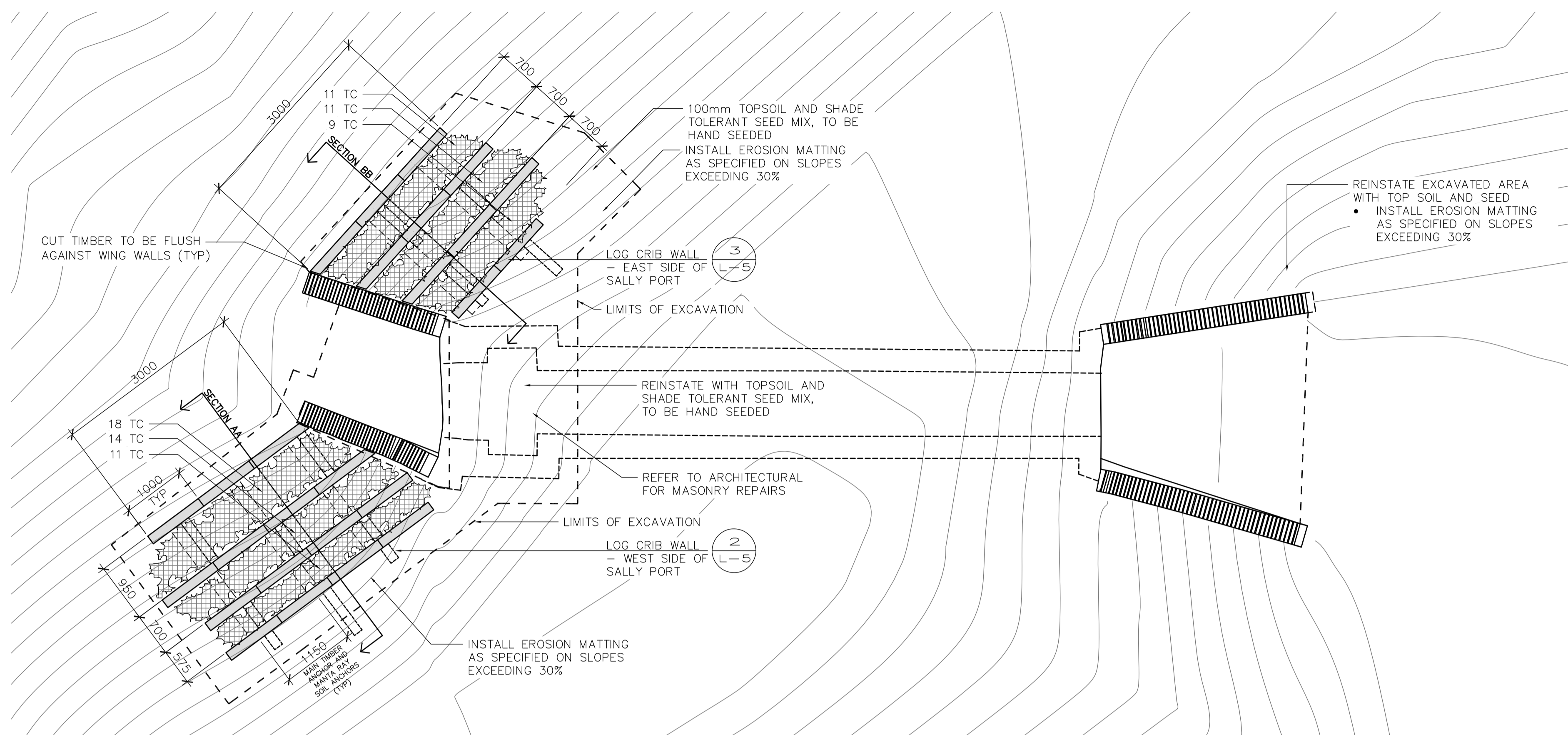
Drawing title / Titre du dessin
SALLY PORT LANDSCAPE RESTORATION

Scale / Echelle
SCALE: AS NOTED

Drawn by/ Dessine par	Date
SH	16/02/05
Field Recording by / Releve-Termain par	Date

Approved by / Approuve par	Date
ML	16/02/05
Checked by/ Verifie par	
ML	

Project No./ No. du projet	Asset No.	Sheet No./ Feuille No.
000808	1300164	L-4
Drawing Reference No./No. du Dessin		

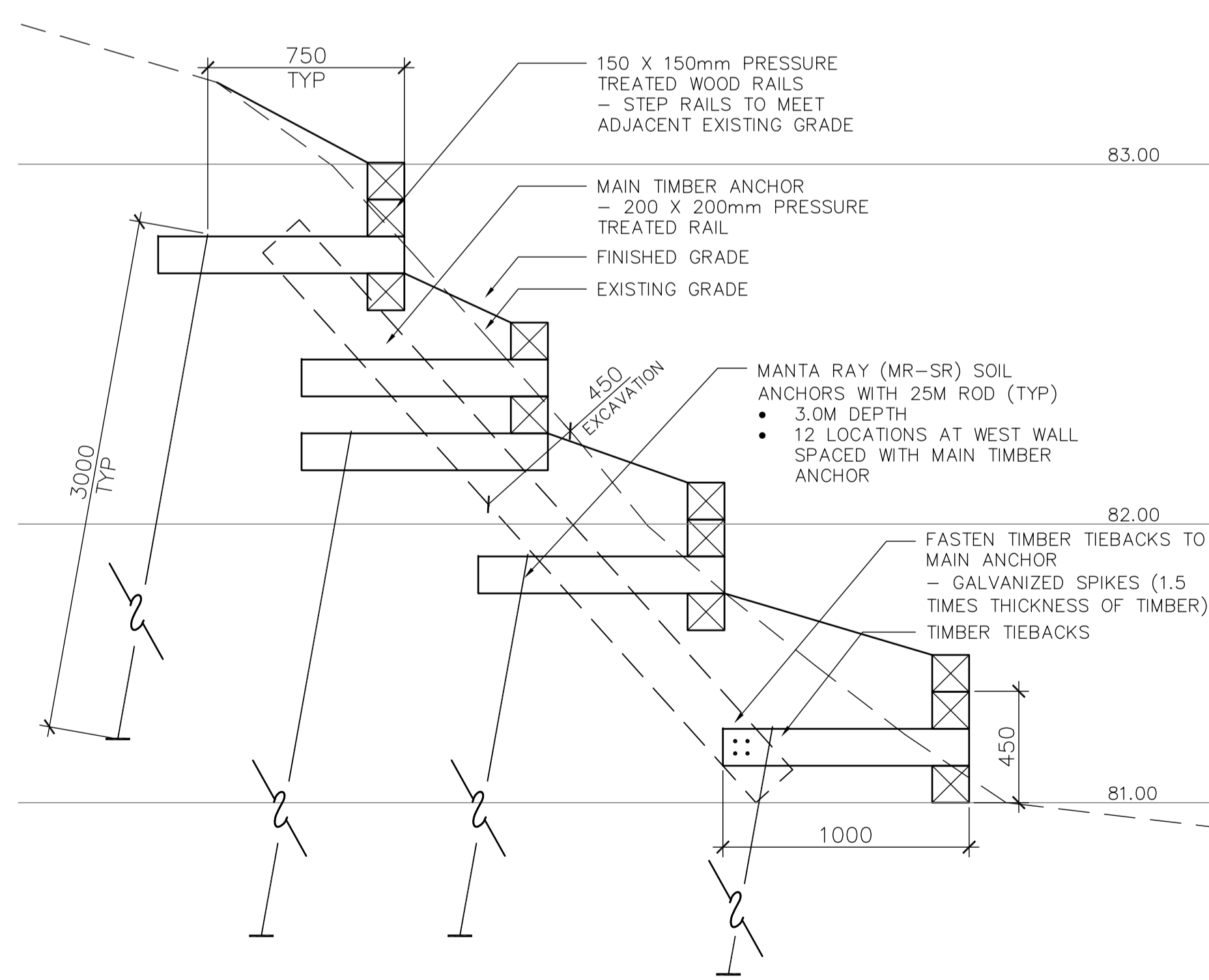


PLANT LIST

SYM.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
PERENNIALS					
TC	TIARELLA CORDIFOLIA	HEARTLEAF FOAMFLOWER	74	1 GAL. POT	POT. 400mm O.C.

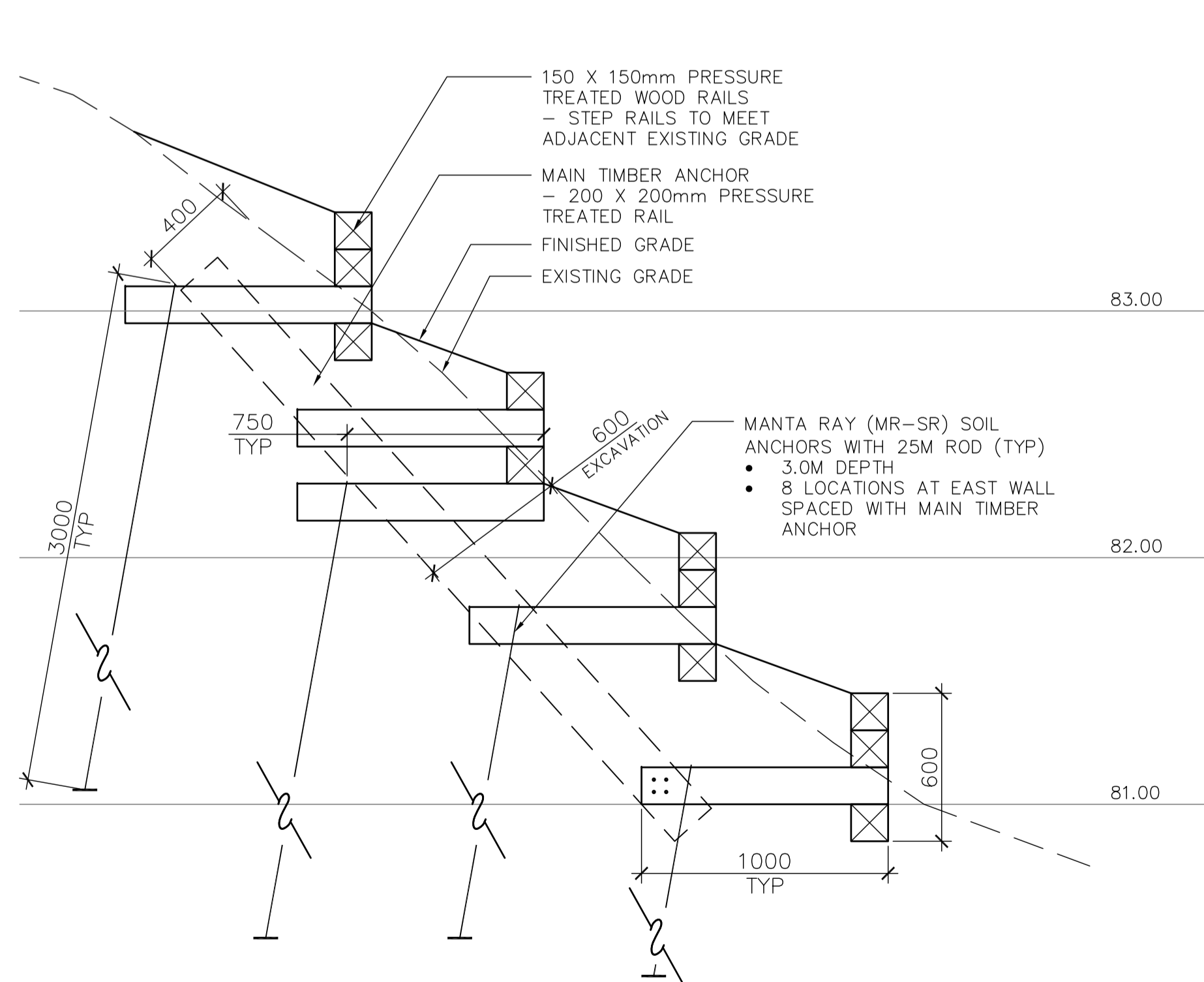
PLAN - TOP VIEW
SCALE 1 : 50

1



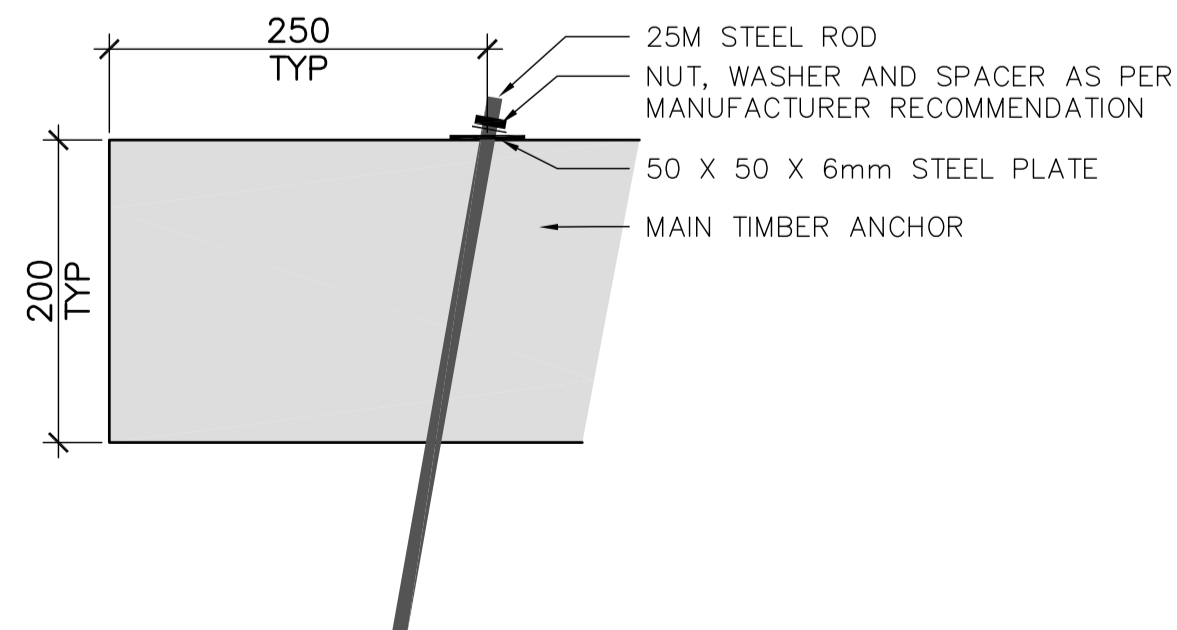
AA LOG CRIB WALL - WEST
SCALE 1 : 20

2



BB LOG CRIB WALL - EAST
SCALE 1 : 20

3



MANTA RAY CONNECTION WITH TIMBER ANCHOR
SCALE 1 : 5

4

revision	issued / revisions	date
04	ISSUED FOR TENDER	16/05/13
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01	ISSUED FOR 33% DESIGN REVIEW	16/02/05

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(B)	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters / Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client
Signature _____ Date _____
File No. / No. de dossier _____



PARKS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT



Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
SALLY PORT LANDSCAPE RESTORATION

Scale / Echelle
SCALE: AS NOTED

Drawn by/ Dessine par
SH
Date
16/02/05

Field Recording by / Releve-Termain par
Date

Approved by / Approuve par
ML
Date
16/02/05

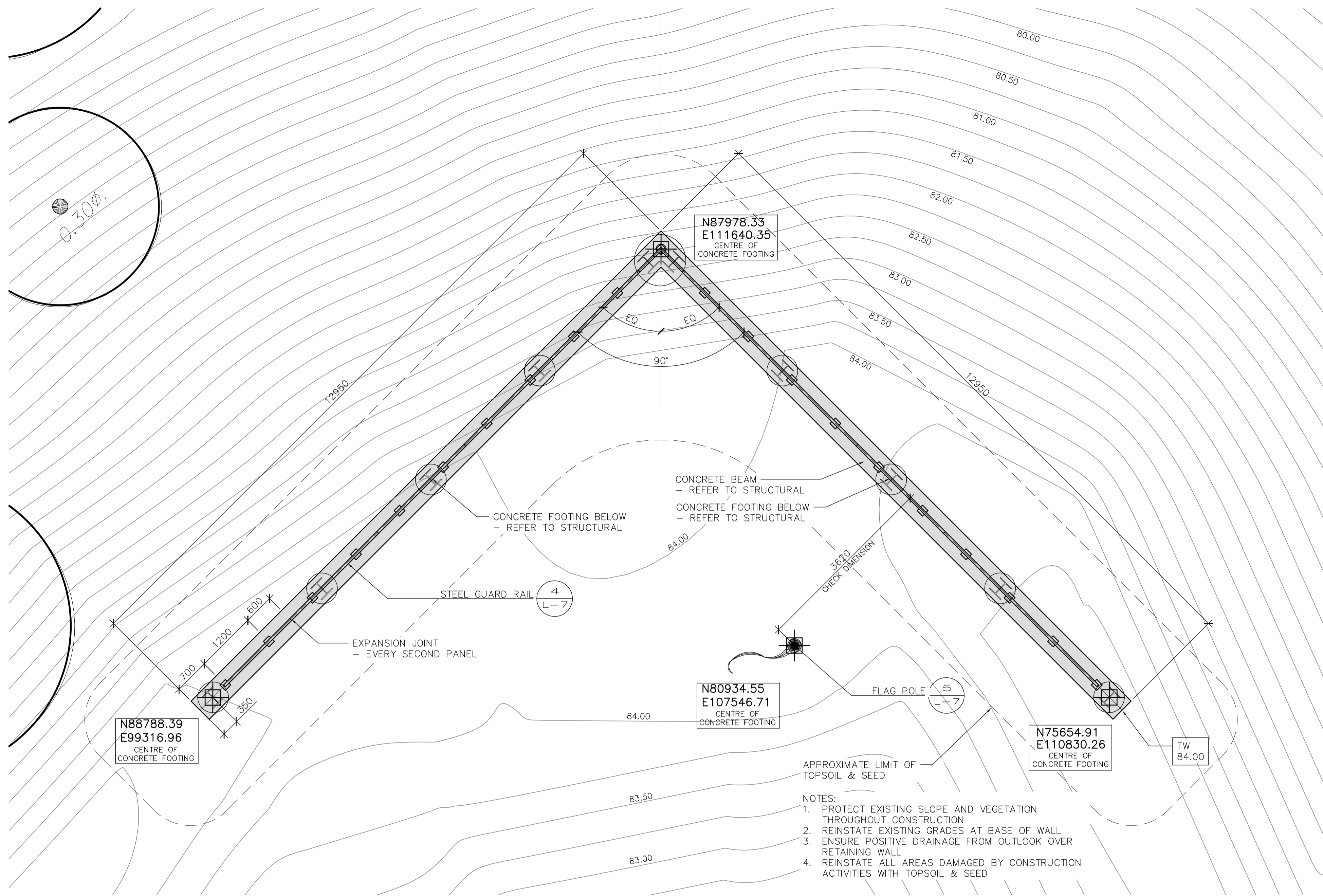
Checked by/ Verifie par
ML

Project No./ No. du projet
000808

Asset No.
1300164

Sheet No./ Feuille No.
L-5

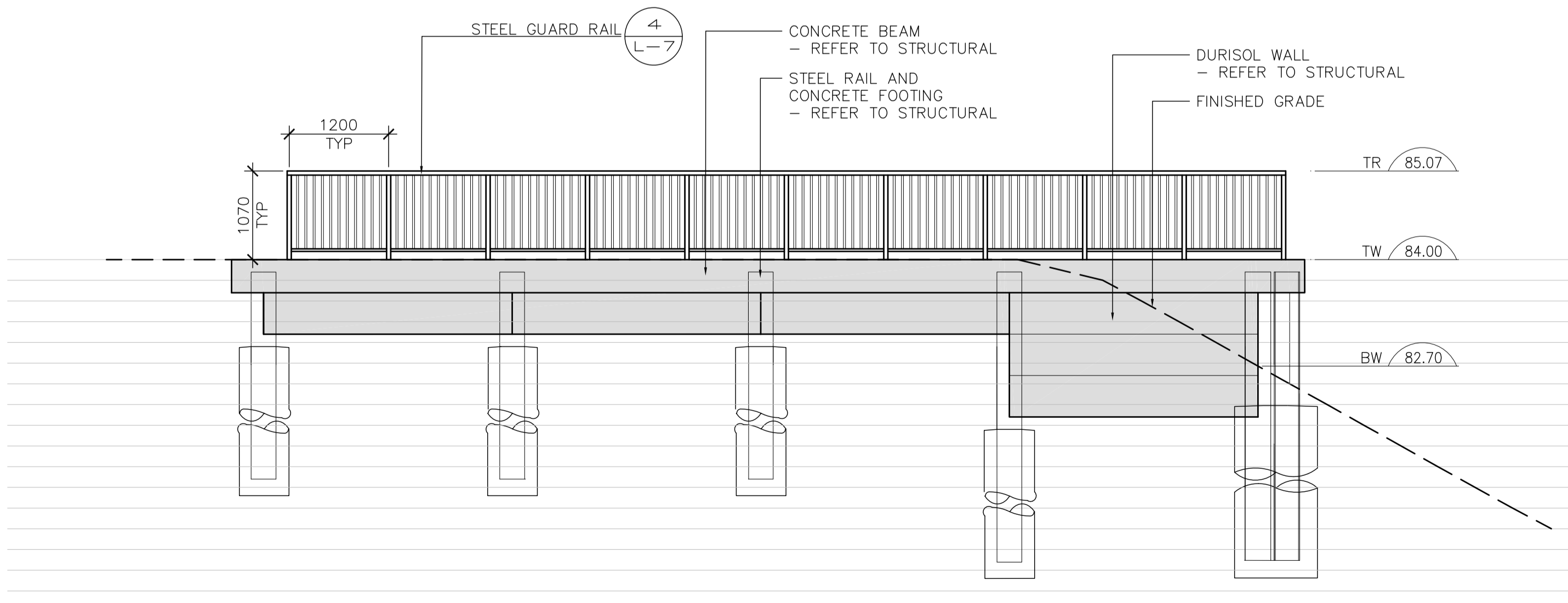
Drawing Reference No./No. du Dessin



- NOTES:
1. PROTECT EXISTING SLOPE AND VEGETATION THROUGHOUT CONSTRUCTION
 2. REINSTATE EXISTING GRADES AT BASE OF WALL
 3. ENSURE POSITIVE DRAINAGE FROM OUTLOOK OVER RETAINING WALL
 4. REINSTATE ALL AREAS DAMAGED BY CONSTRUCTION ACTIVITIES WITH TOPSOIL & SEED

PLAN
SCALE 1 : 50

1



ELEVATION
SCALE 1 : 50

2

Filename: \\dames\mohr\2 PROJECT FILES\ACTIVE\FORT MISSISSAUGA\2 DRAWINGS\03 WORKING DRAWINGS\Main Entrance Gate WD.dwg Plotfile: 2016-01-29 3:57 PM

04	ISSUED FOR TENDER	16/05/13
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Parcs Canada
 ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO
 Canada

PARKS CANADA
 SOUTHWESTERN ONTARIO FIELD UNIT

BARRY PADOLSKY ASSOCIATES INC. ARCHITECTS
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 JOB NO. 60295

Type of Record / Type d'enregistrement

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
OBSERVATION DECK LANDSCAPE PLAN

Scale / Echelle
 SCALE: AS NOTED

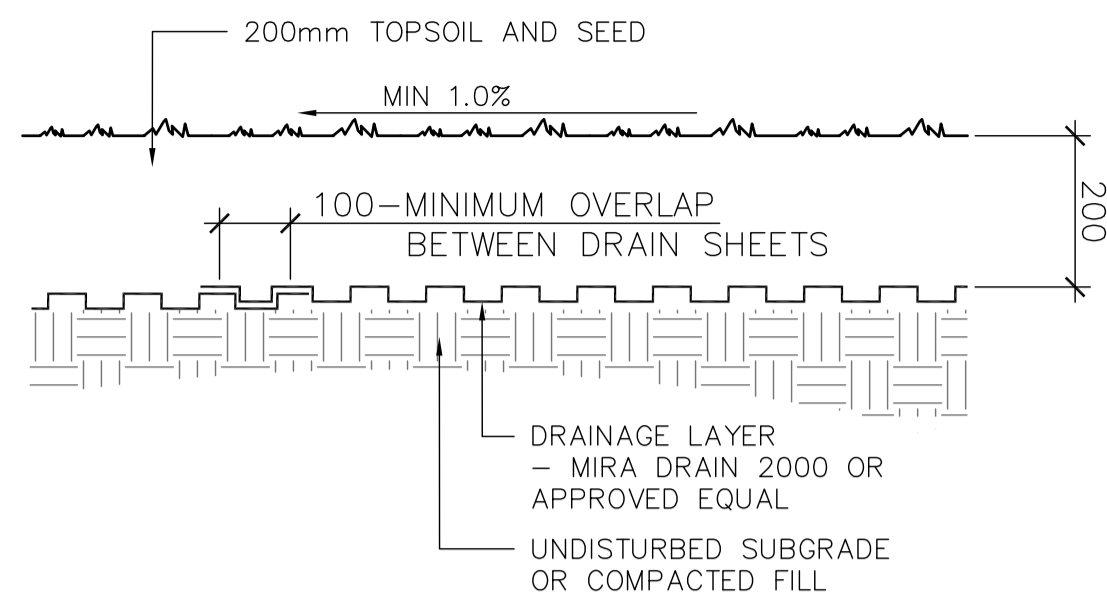
Drawn by/ Dessine par SH Date 16/02/05

Field Recording by / Releve-Termin par Date

Approved by / Approuve par ML Date 16/02/05

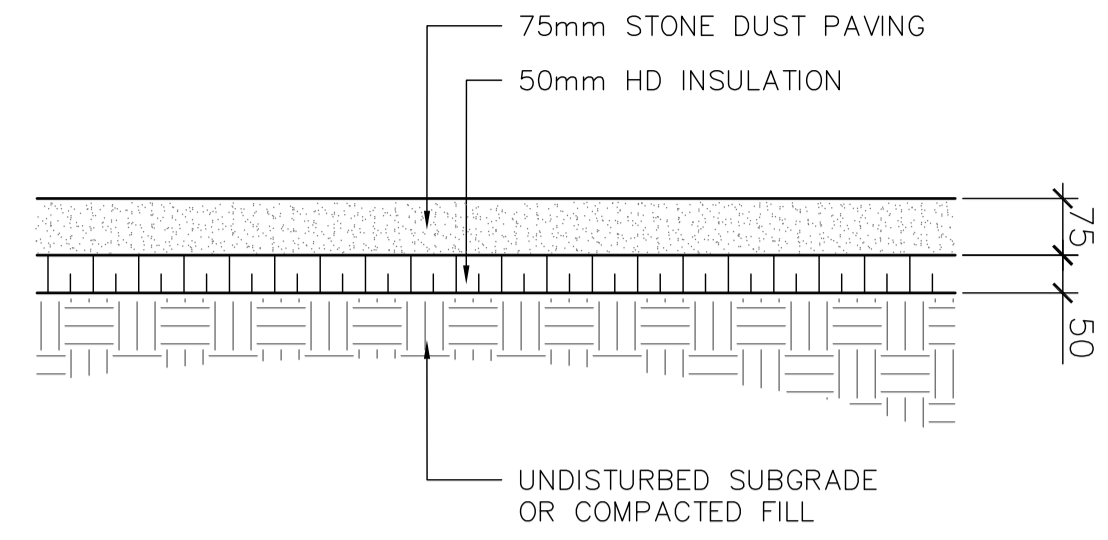
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Project No./ No. du projet	Asset No.	Sheet No./ Feuille No.
000808	1300164	L-6
Drawing Reference No./No. du Dessin		



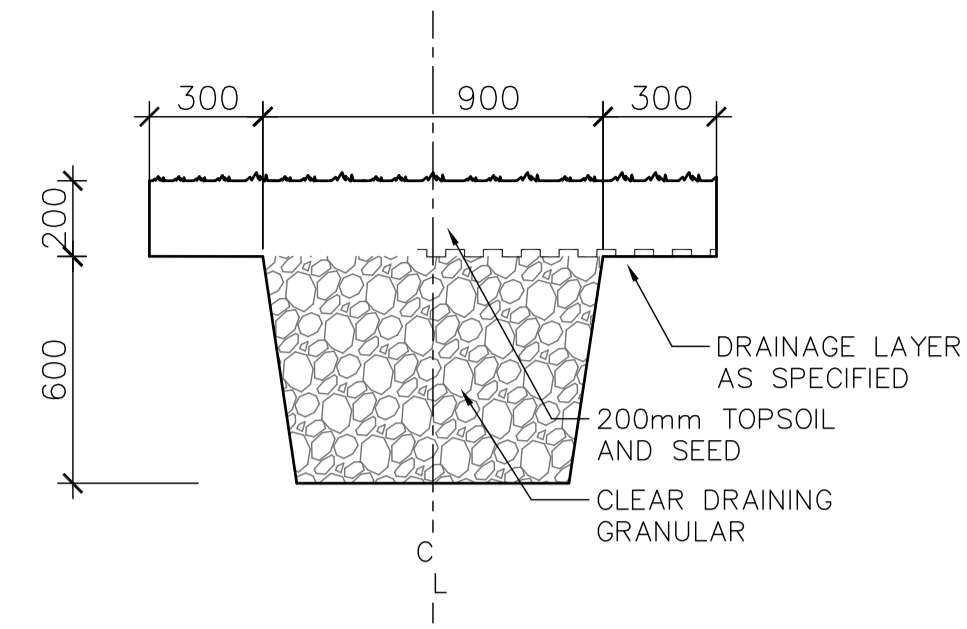
HORIZONTAL MIRA DRAIN
SCALE 1 : 10

1



STONE DUST PAVING, INSULATION
SCALE 1 : 10

2

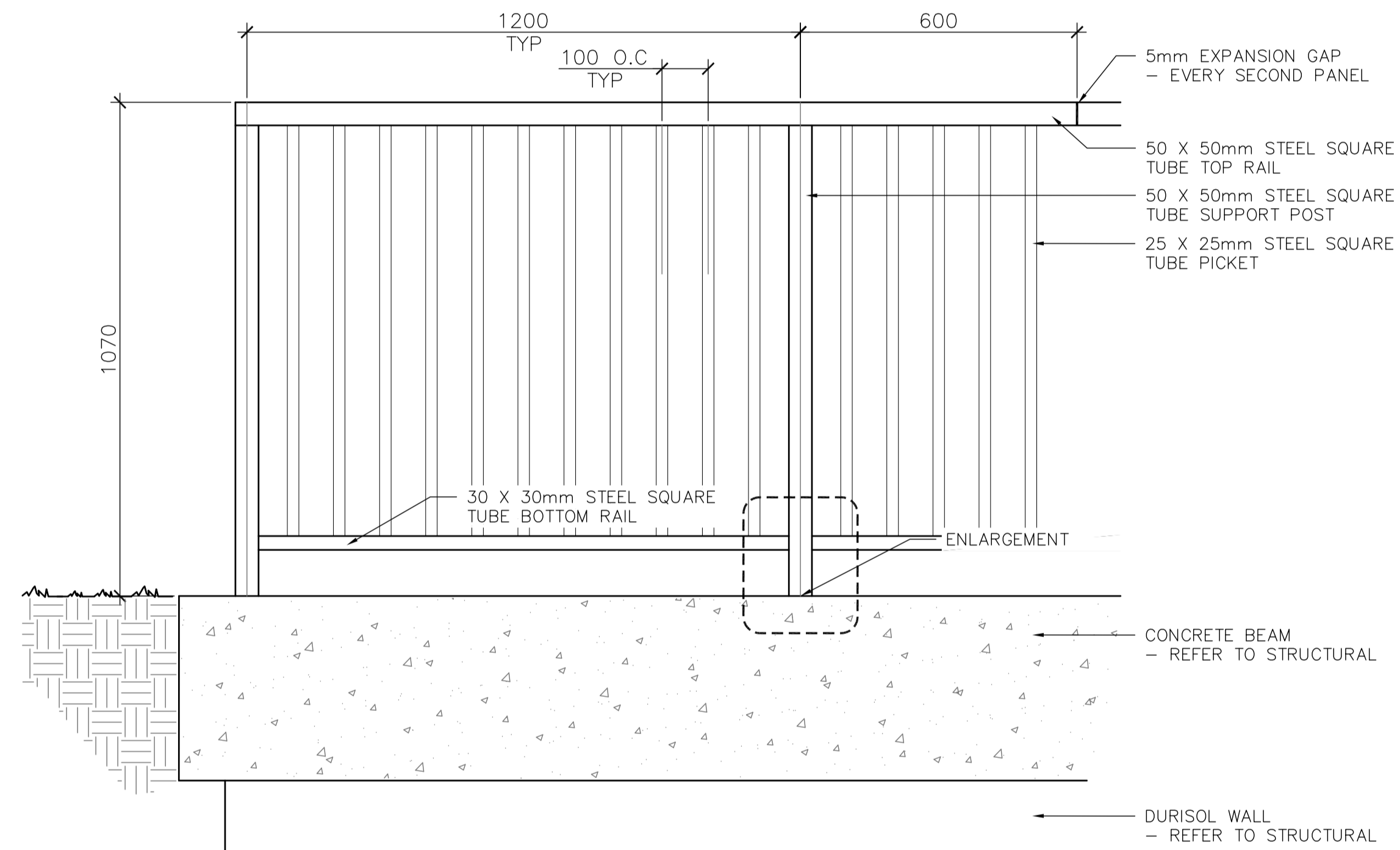


FRENCH DRAIN
SCALE 1 : 20

3

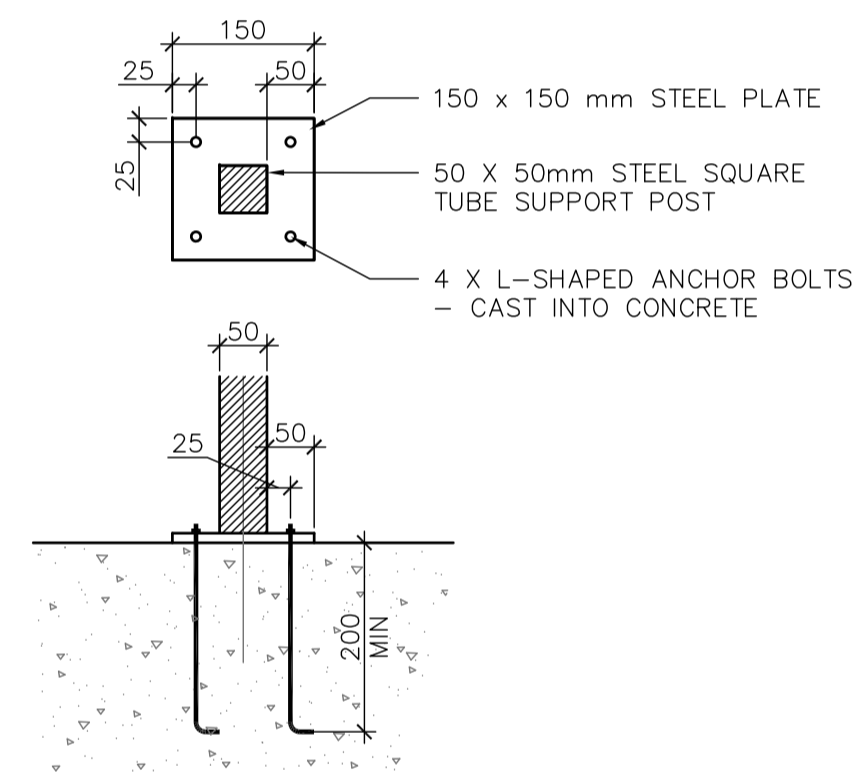
NOTE:

1. ALL STEEL SQUARE TUBES TO BE 10 GAUGE (3mm THICK WALL) GALVANIZED STEEL
2. CONTRACTOR TO PROVIDE SHOP DRAWING FOR APPROVAL PRIOR TO INSTALLATION
3. ALL WELDS CONTINUOUS (AROUND TUBE)

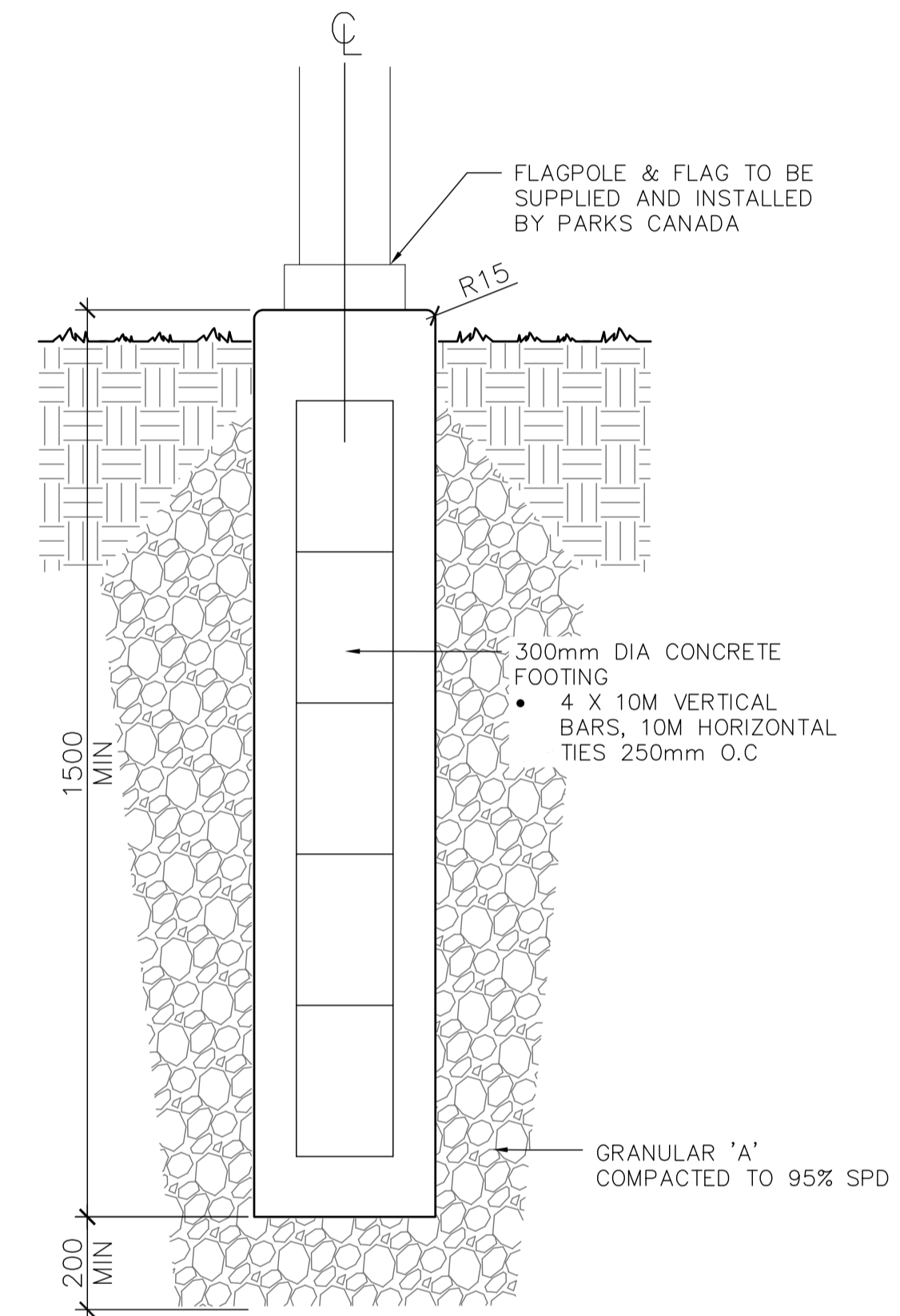


OBSERVATION DECK - STEEL GUARD RAIL
SCALE 1 : 10

4



STEEL GUARD RAIL - ENLARGEMENT
SCALE 1 : 8



FLAG POLE FOUNDATION
SCALE 1 : 10

5

revision	issued / revisions	date
04	ISSUED FOR TENDER	16/05/13
03	ISSUED FOR 99% DESIGN REVIEW	16/04/15
02	ISSUED FOR 66% DESIGN REVIEW	16/03/09
01	ISSUED FOR 33% DESIGN REVIEW	16/02/05

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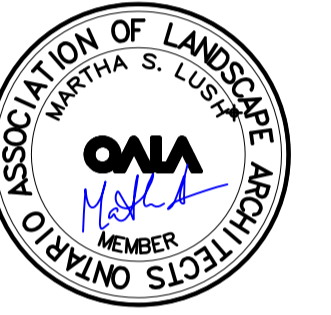
A	A Detail number	A Numero de detail
B <td>B Sheet number</td> <td>B Sur feuille numero</td>	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters / Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client

Signature _____ Date _____
File No. / No. de dossier _____

Parcs Canada / Parks Canada



Canada

PARCS CANADA
SOUTHWESTERN ONTARIO FIELD UNIT

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email: padolsky-architects.com

C.S.W.
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Urban Design
Site Planning
Restoration and Park Planning
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Type of Record /
Type d'enregistrement

Project title / Titre du projet

**FORT MISSISSAUGA
STABILIZATION
PHASE II**

Drawing title / Titre du dessin

DETAILS

Scale / Echelle

SCALE: AS NOTED

Drawn by/ Dessine par

SH

Date

16/02/05

Field Recording by /

Releve-Termin par

Date

Approved by / Approuve par

ML

Date

16/02/05

Checked by/ Verifie par

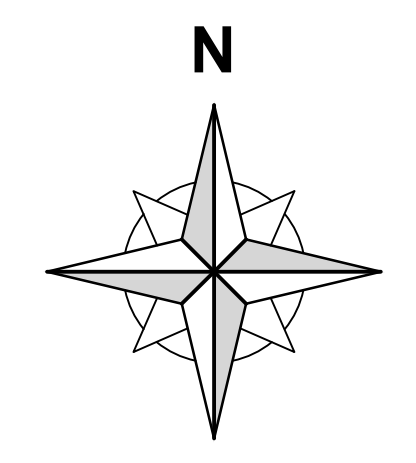
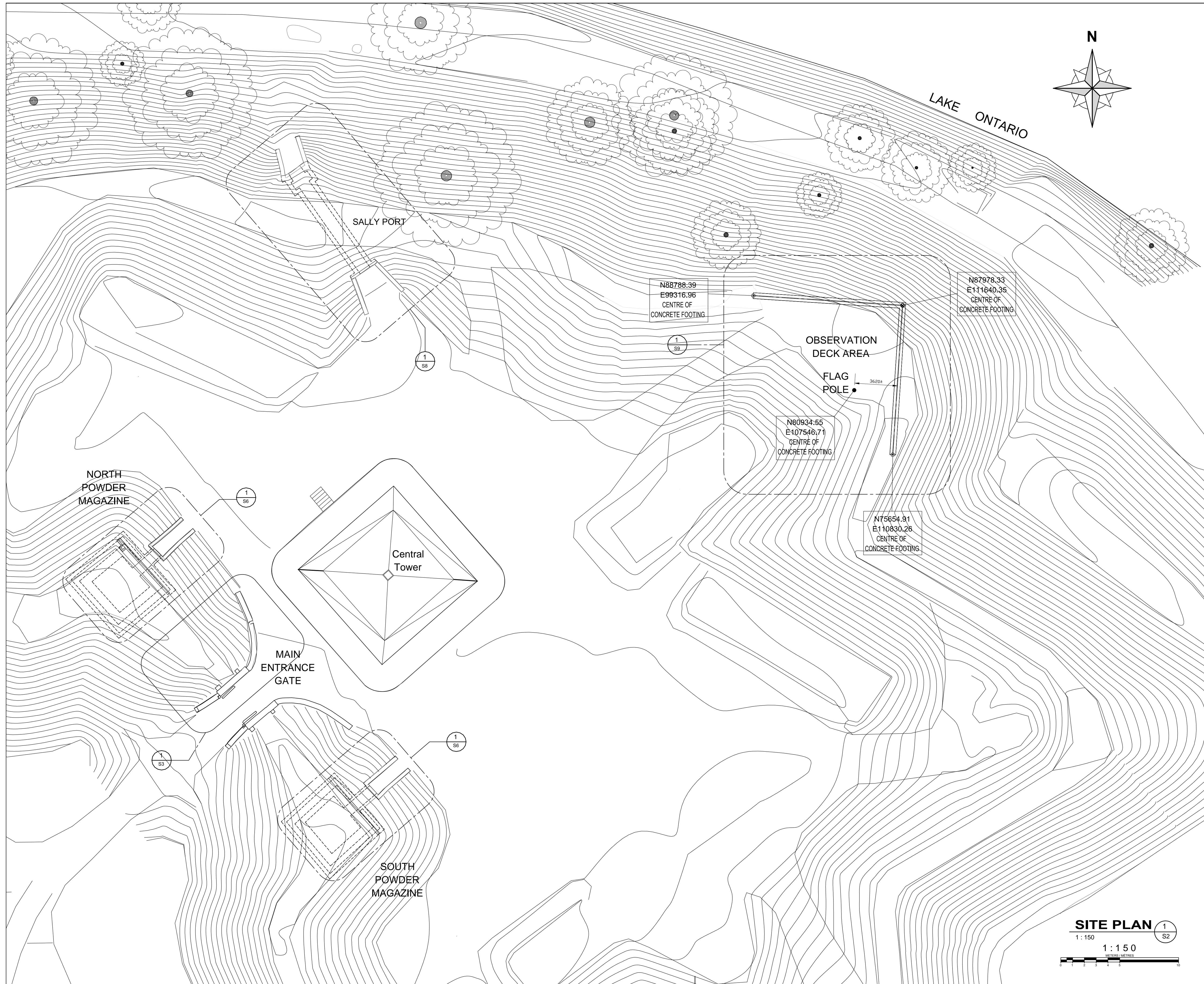
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Project No./ No. du projet
000808

Asset No.
1300164

Sheet No./
Feuille No.
L-7

Drawing Reference No./No. du Dessin



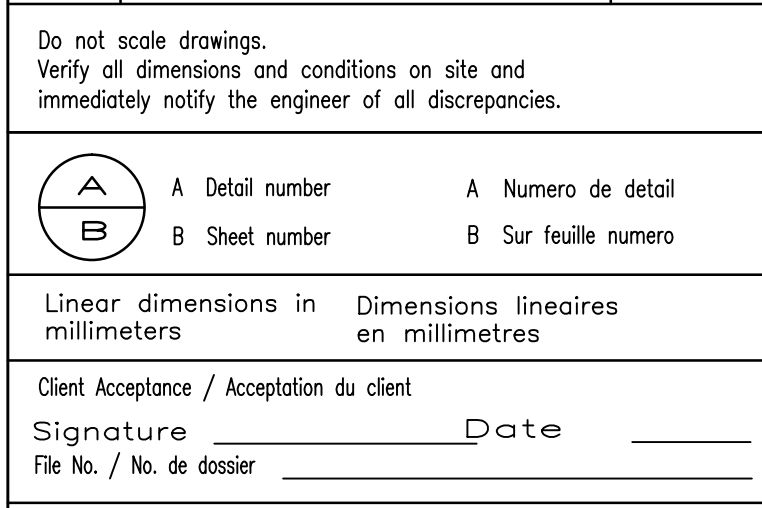
03	ISSUED FOR 100% ISSUED FOR TENDER	16/05/12
02	ISSUED FOR 99% REVIEW	16/04/08
01	ISSUED FOR 66% REVIEW	16/03/09
revision	issued / revisions	date

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B	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client
 Signature _____ Date _____
 File No. / No. de dossier _____



Canada

PARKS CANADA
 SOUTHWEST ONTARIO FIELD UNIT



Type of Record / Type d'enregistrement
 TYPE

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
SITE PLAN

Scale / Echelle
 SCALE: AS NOTED

Drawn by/ Dessine par Date
 MC 2016/04/08

Field Recording by / Releve-Temoin par Date
 RG Y/M/D

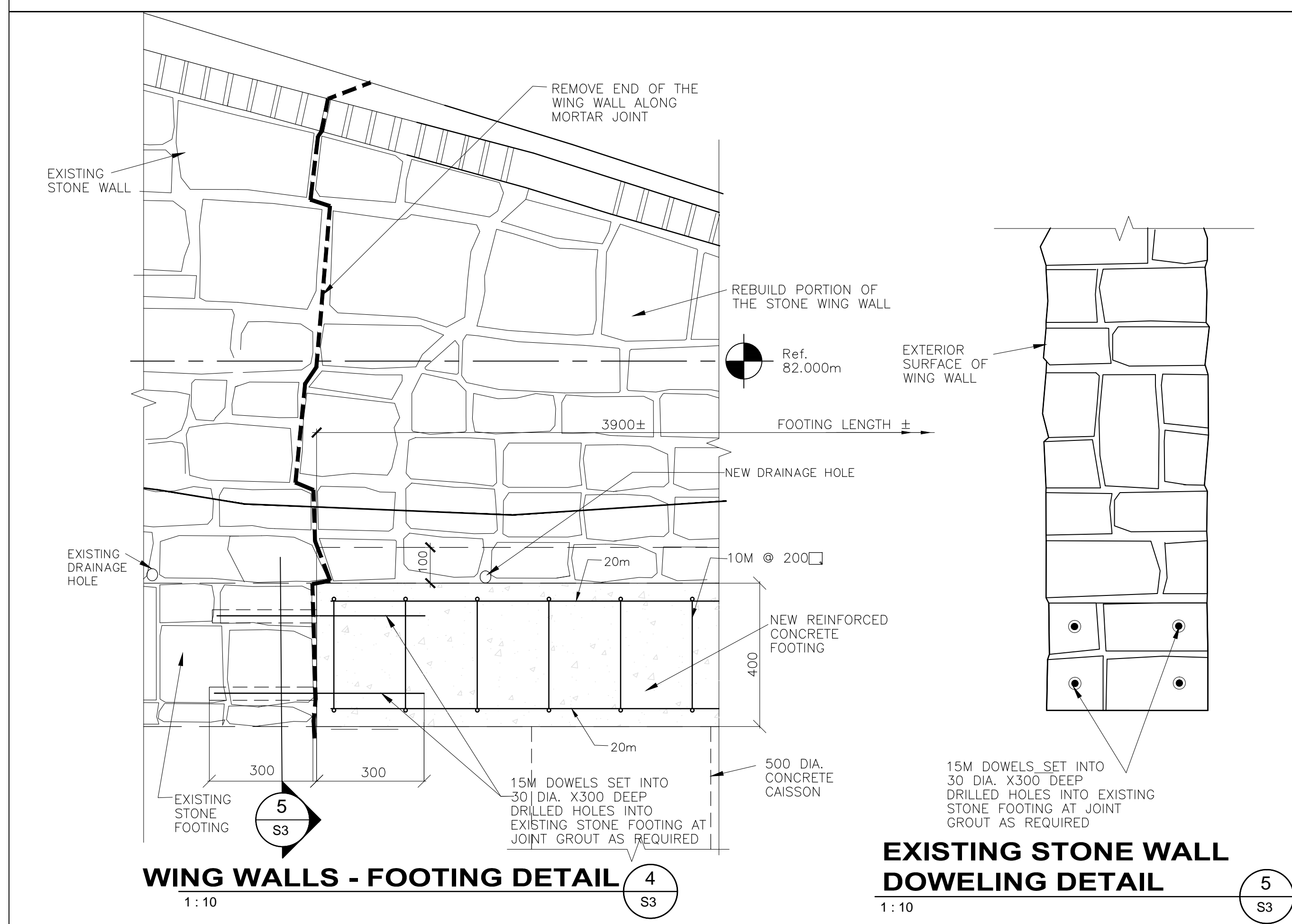
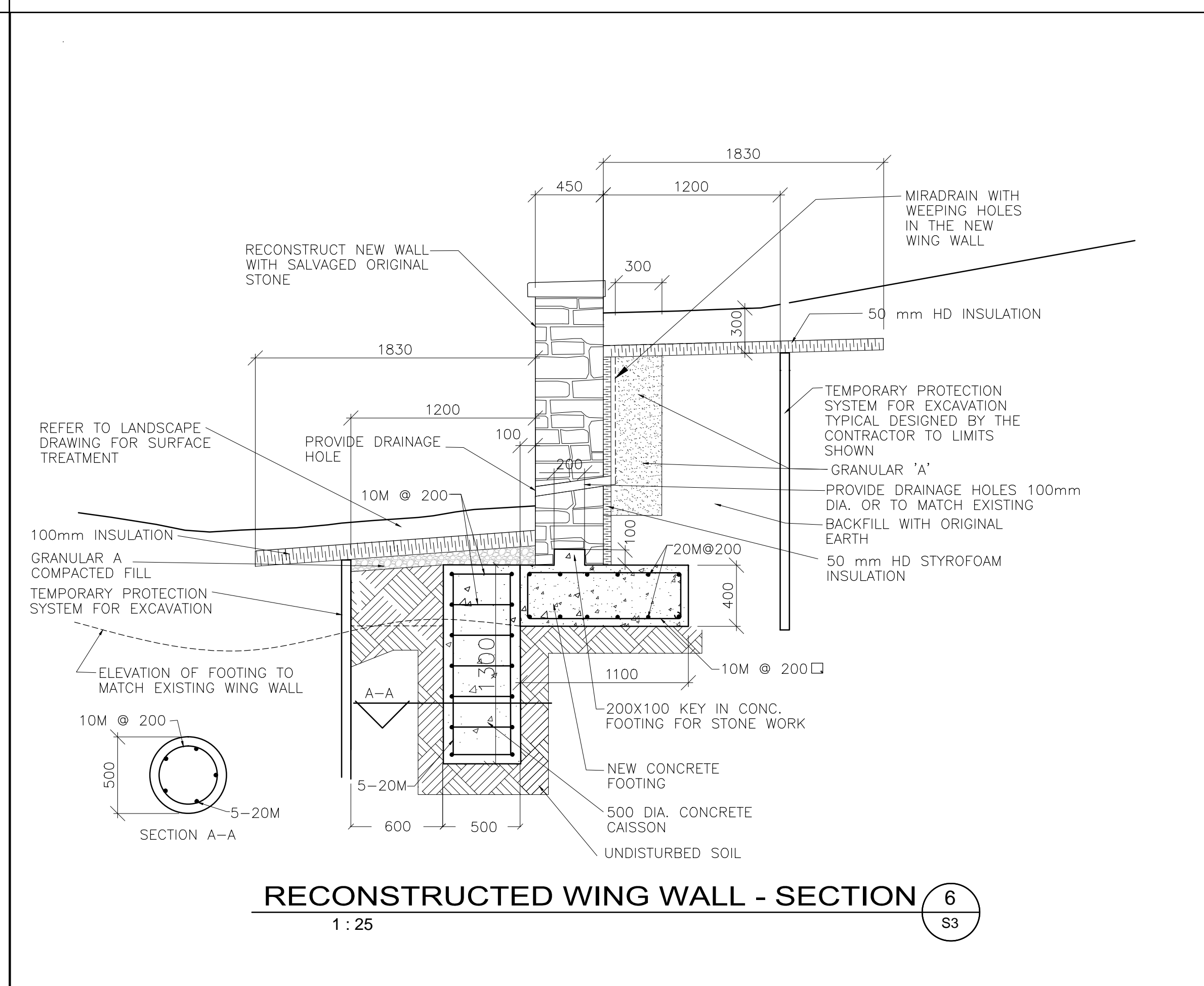
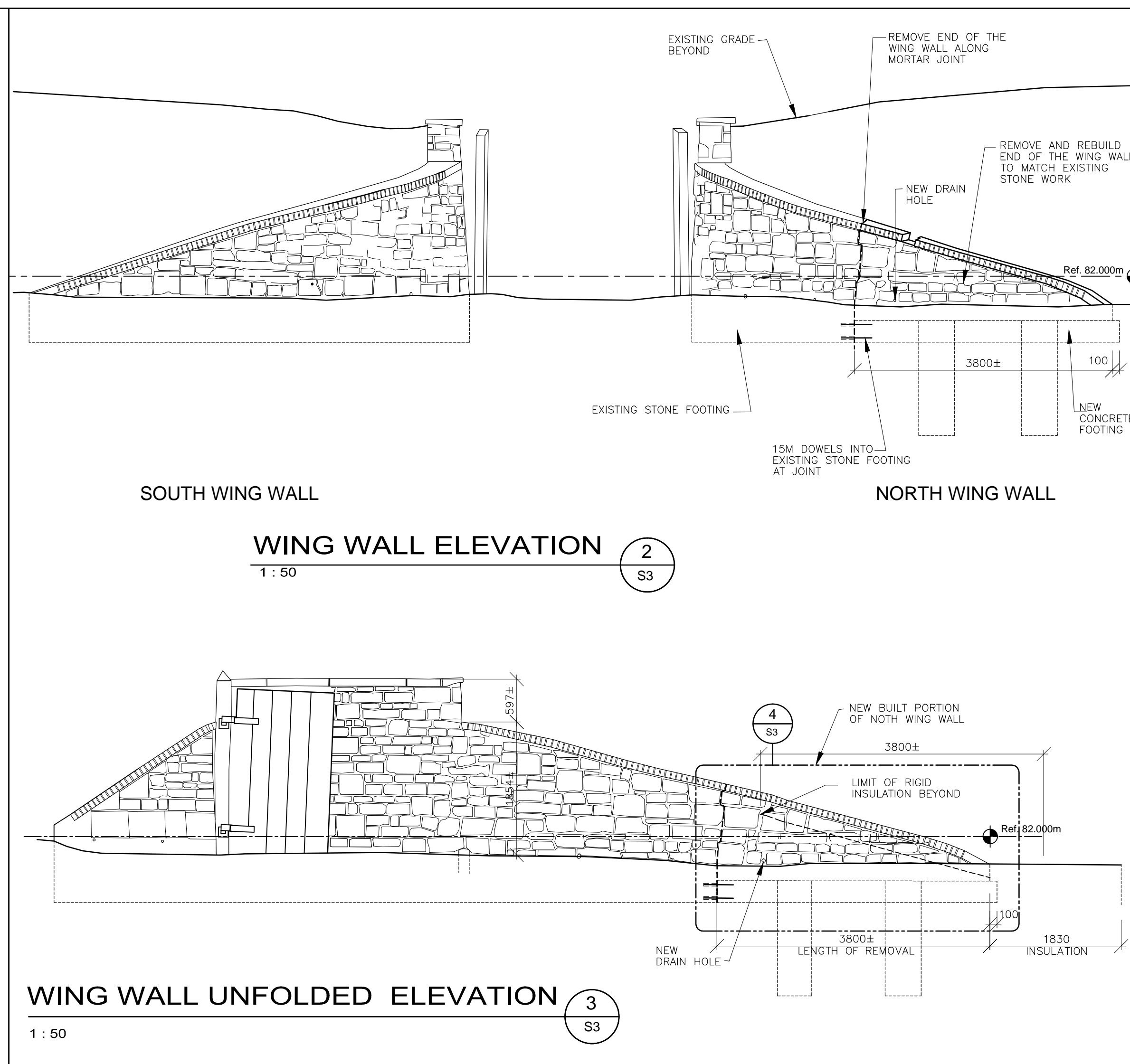
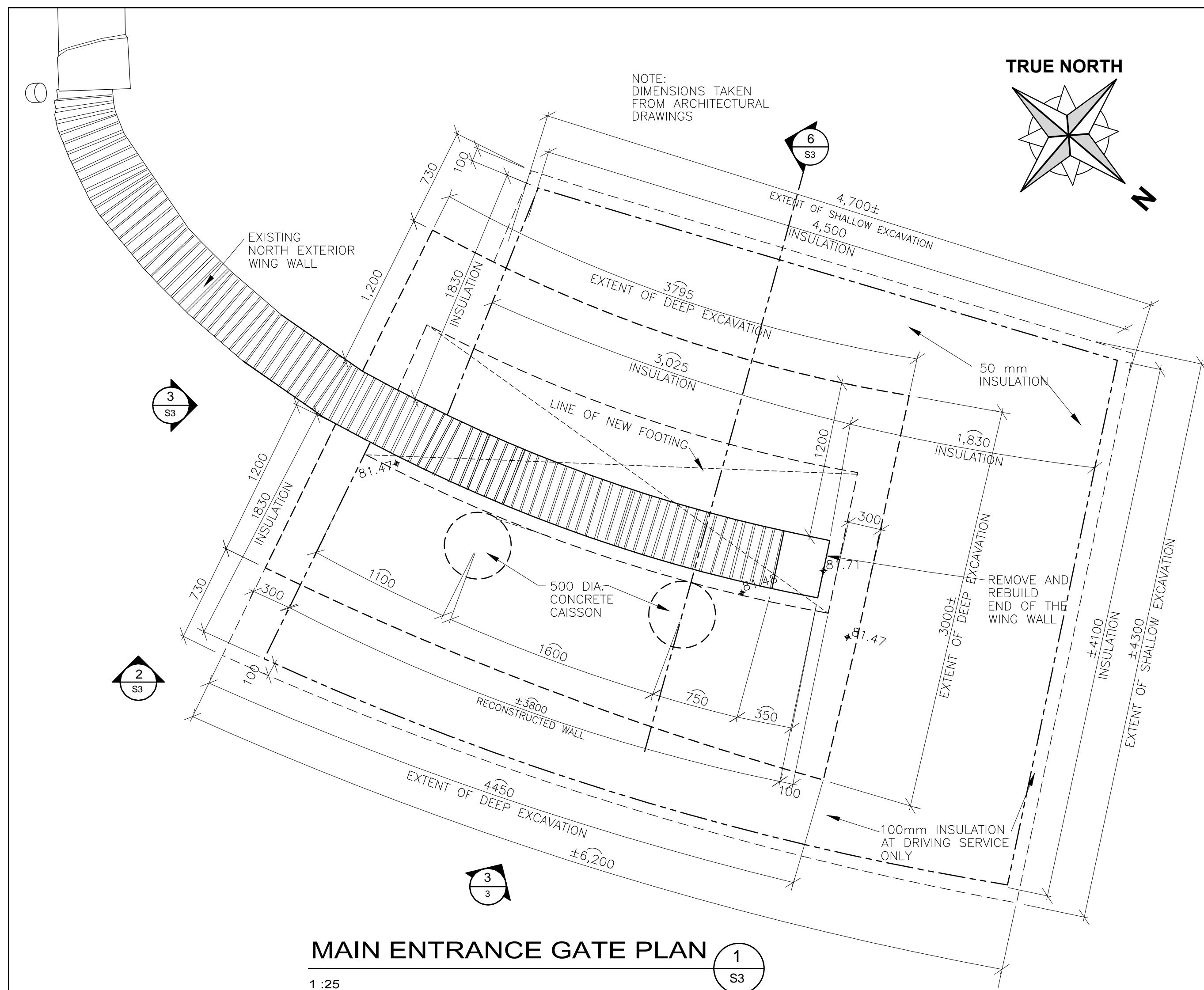
Approved by / Approuve par Date
 NW 2016/04/08

Checked by/ Verifie par Date
 RG 2016/04/08

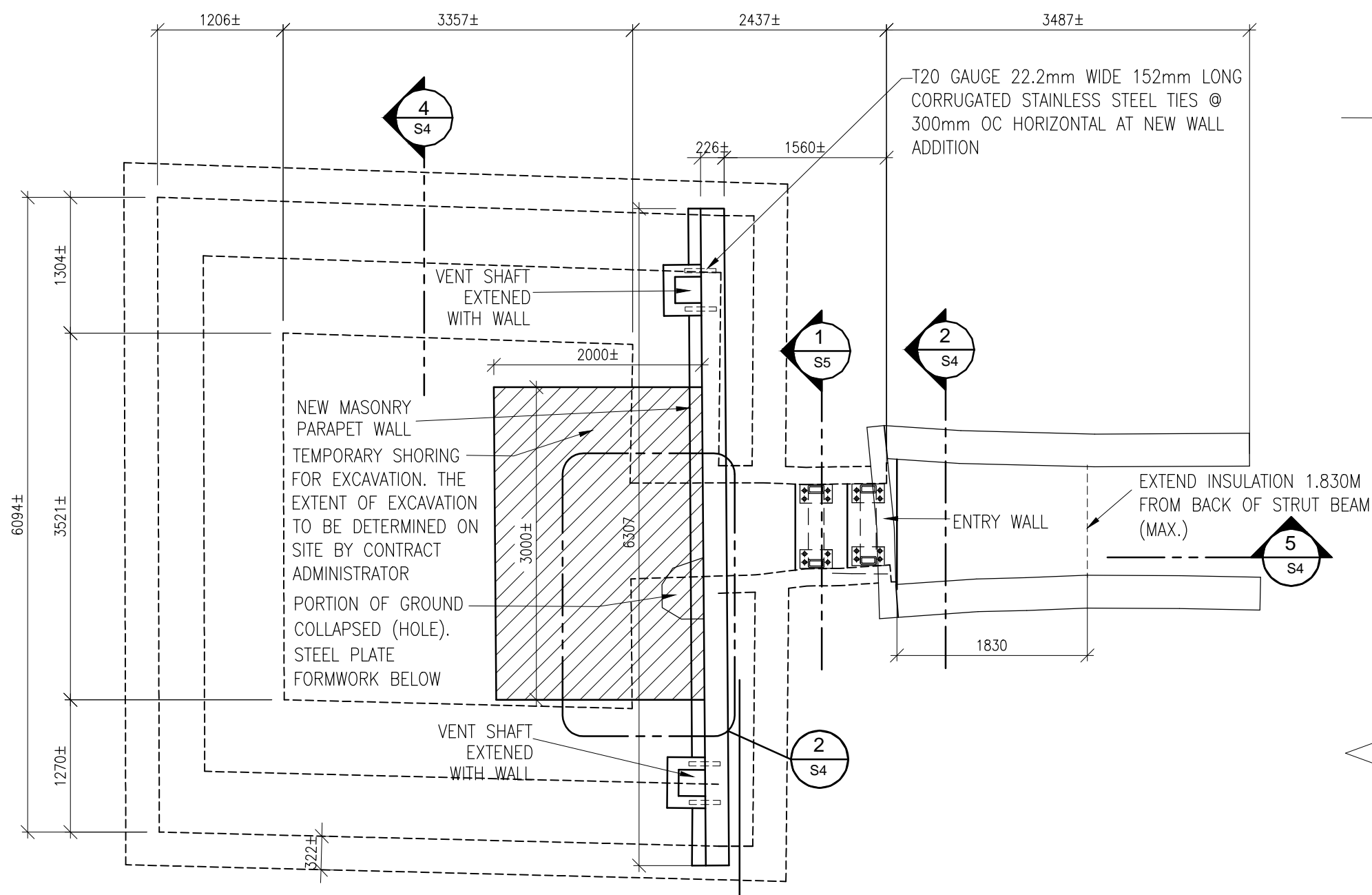
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Drawing Reference No./No. du Dessin ---
S2

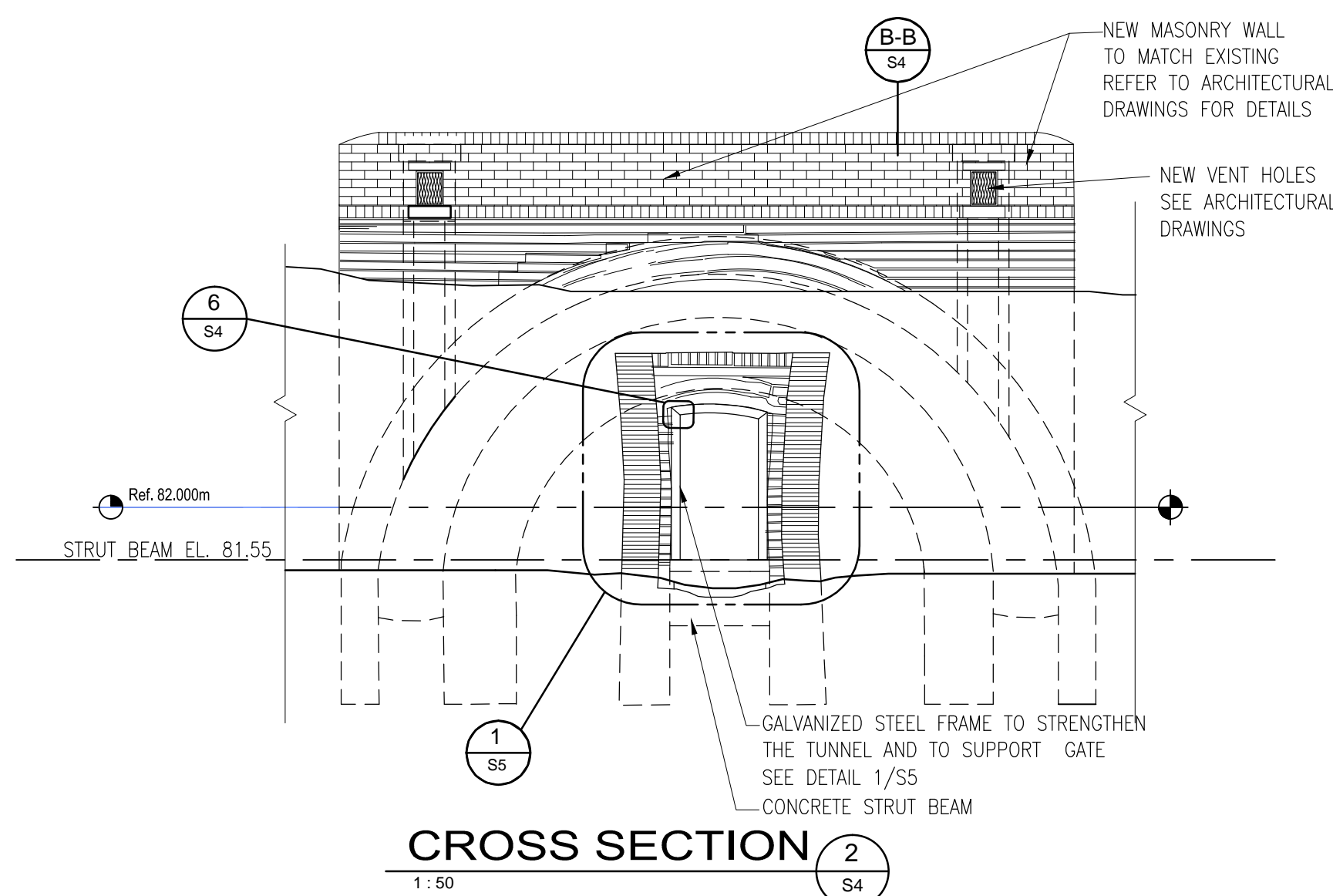
SITE PLAN 1/S2
 1:150
 1:150
 METERS/METRES



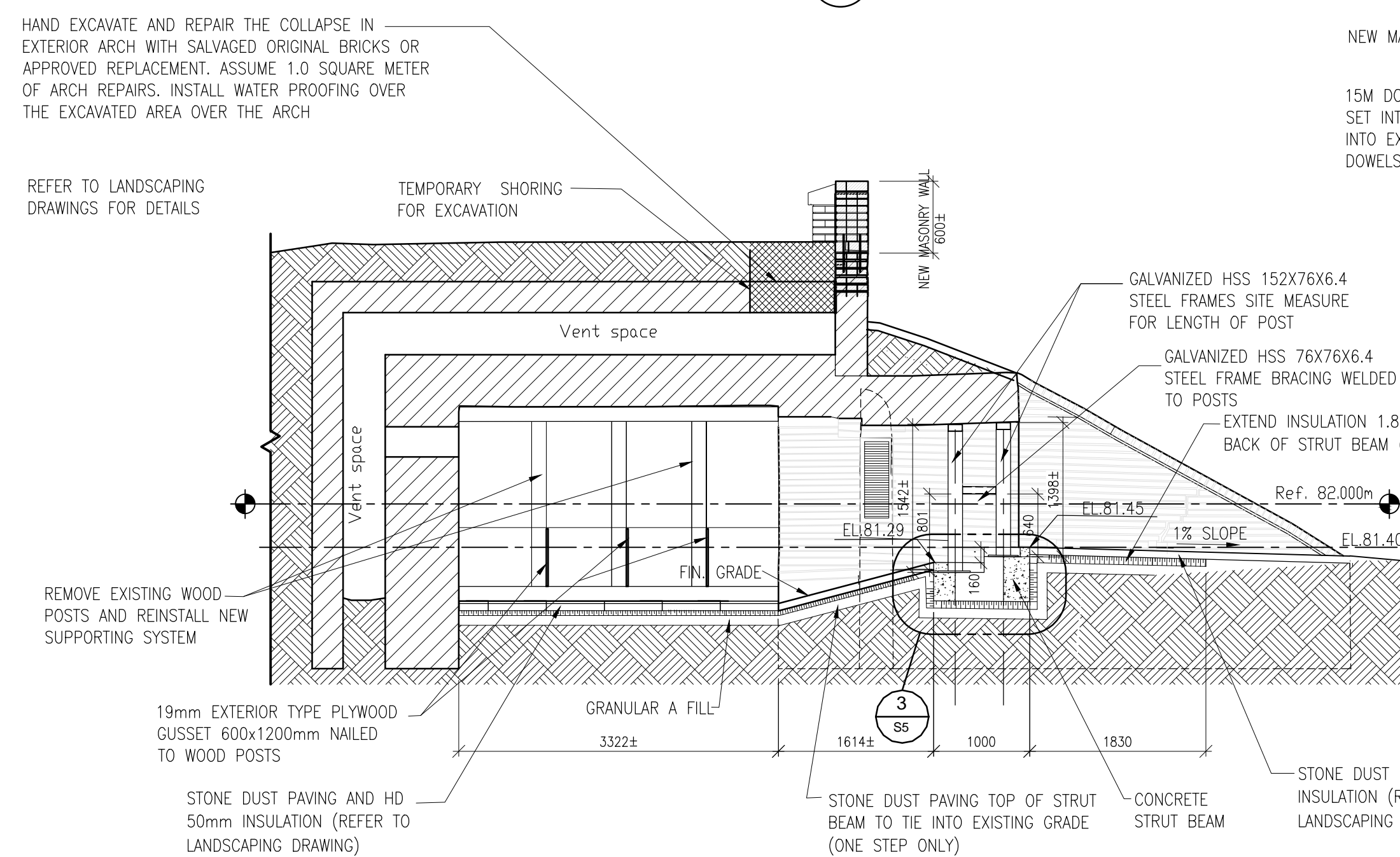
03	ISSUED FOR 100% ISSUED FOR TENDER	16/05/12
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01	ISSUED FOR 66% REVIEW	16/03/09
revision	issued / revisions	date
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Linear dimensions in millimeters		Dimensions lineaires en millimetres
Client Acceptance / Acceptation du client		
Signature		Date
File No. / No. de dossier		
PARKS CANADA SOUTHWEST ONTARIO FIELD UNIT		
Type of Record / Type d'enregistrement TYPE		
Project title / Titre du projet FORT MISSISSAUGA STABILIZATION PHASE II		
Drawing title / Titre du dessin PLANS AND SECTIONS – MAIN ENTRANCE GATE		
Scale / Echelle SCALE: AS NOTED		
Drawn by / Dessine par		Date
MC		2016/04/08
Field Recording by / Releve-Termin par		Date
RG		Y/M/D
Approved by / Approuve par		Date
NW		2016/04/08
Checked by / Verifie par		Date
RG		2016/04/08
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PRO000808	1300164	S3
Drawing Reference No./No. du Dessin		
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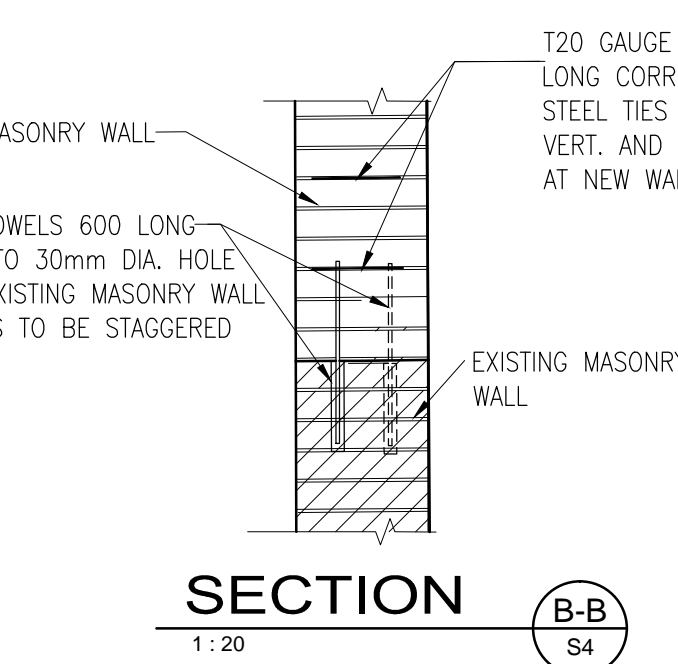
NORTH POWDER MAGAZINE TOP VIEW 1
S4
1:50



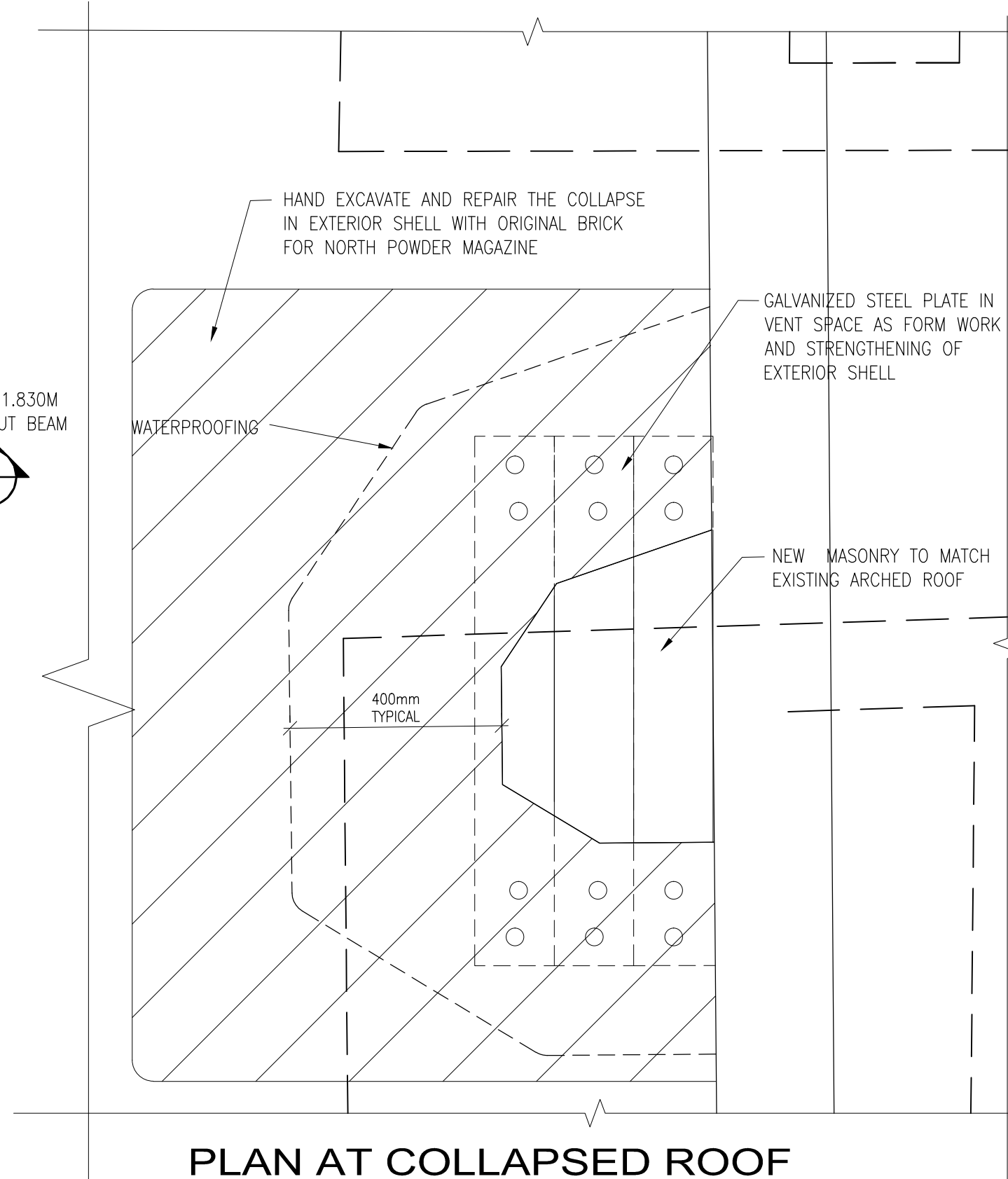
CROSS SECTION 2 2
S4
1:50



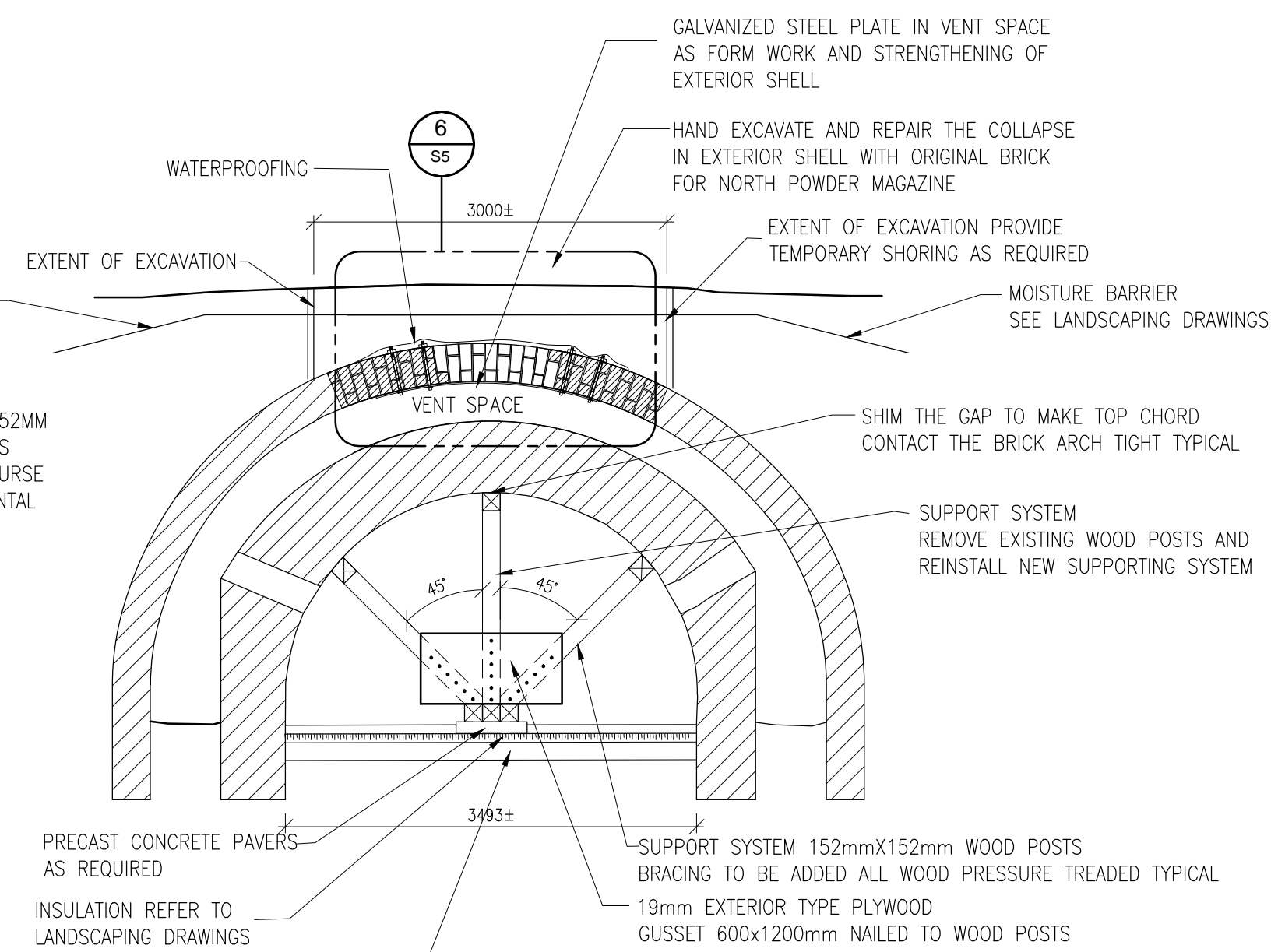
SECTION / ELEVATION 5 5
S4
1:50



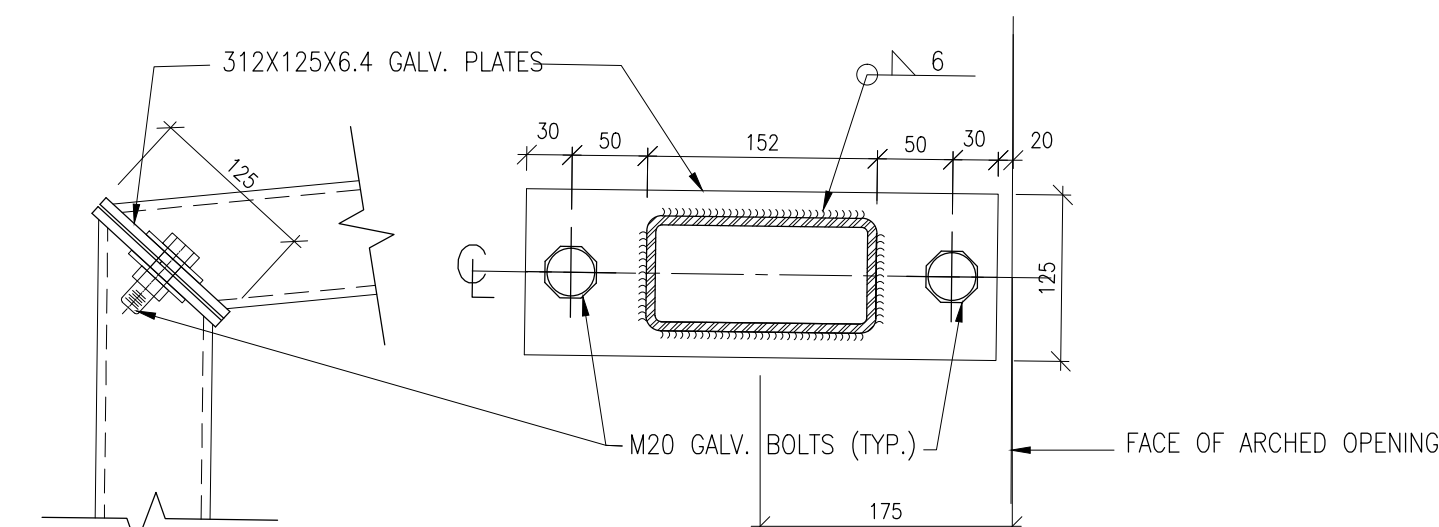
SECTION B-B B-B
S4
1:20



PLAN AT COLLAPSED ROOF AREA AT EXTERIOR ARCH 2
S4
1:10



CROSS SECTION 4 4
S4
1:50



CONNECTION DETAIL 6 6
S4
1:5

CONSTRUCTION NOTES FOR ARCH REPAIR:

- HAND EXCAVATE OVER THE EXTERIOR ARCH TO EXPOSE THE COLLAPSED AREA, THE EXTENT OF EXCAVATION AREA AT LEAST 0.5m WIDER THAN COLLAPSED AREA.
- SLIDE IN STEEL PLATE FROM THE OPENING OF COLLAPSE IN THE EXTERIOR ARCH AS FORMWORK FOR BRICK LAYING.
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03	ISSUED FOR 100% ISSUED FOR TENDER	16/05/12
02	ISSUED FOR 99% REVIEW	16/04/08
01	ISSUED FOR 66% REVIEW	16/03/09
revision	issued / revisions	date

Do not scale drawings.
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A	A Detail number	A Numero de detail
S1	B Sheet number	B Sur feuille numero

Linear dimensions in millimeters / Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client
Signature _____ Date _____
File No. / No. de dossier _____



Canada

PARKS CANADA
SOUTHWEST ONTARIO FIELD UNIT



Type of Record /
Type d'enregistrement
TYPE

Project title / Titre du projet

**FORT MISSISSAUGA
STABILIZATION
PHASE II**

Drawing title / Titre du dessin

**PLANS AND SECTIONS-
NORTH POWDER
MAGAZINE**

Scale / Echelle

SCALE: AS NOTED

Drawn by / Dessine par Date
MC 2016/04/08

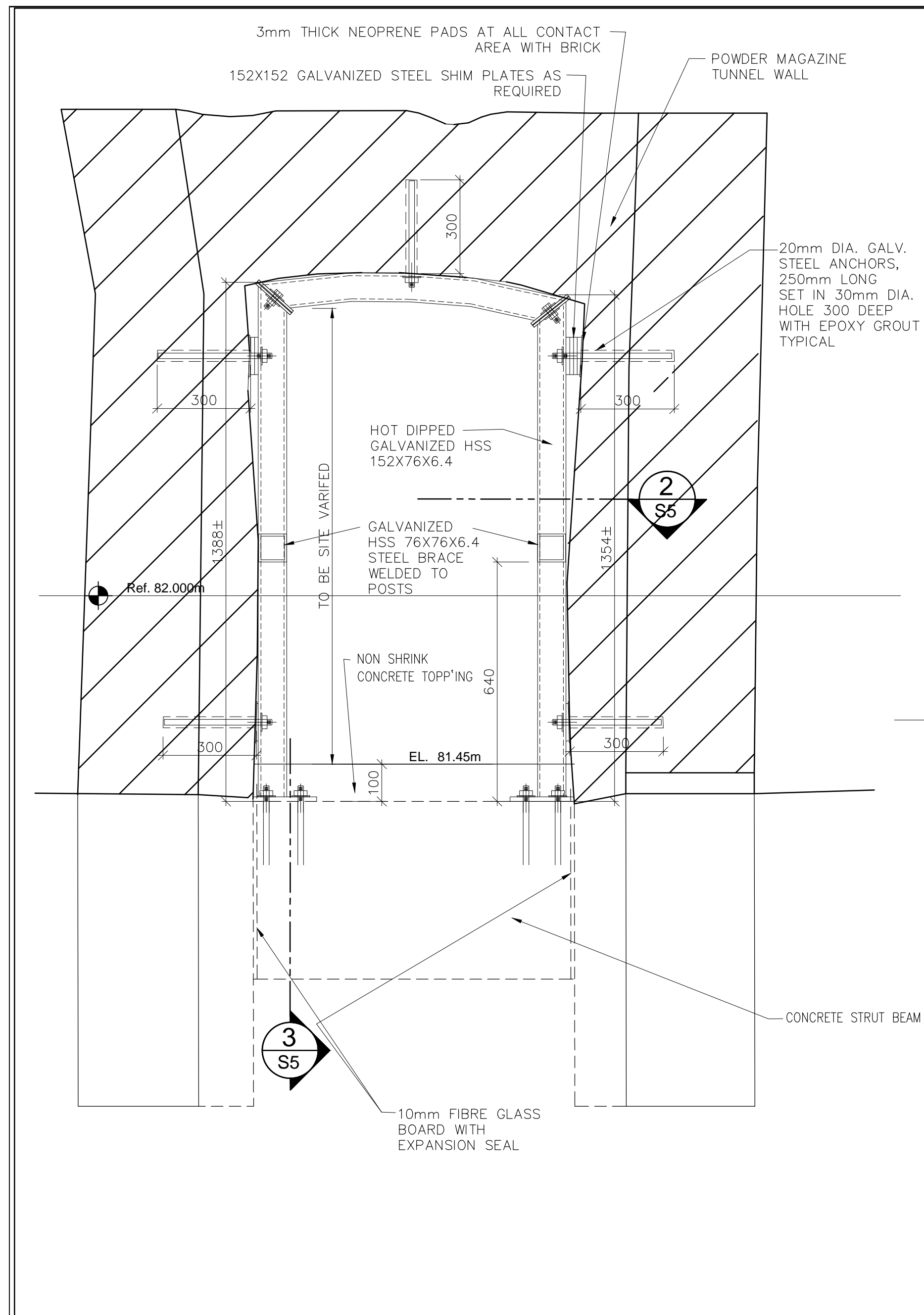
Field Recording by /
Releve-Termin par Date
RG Y/M/D

Approved by / Approuve par Date
NW 2016/04/08

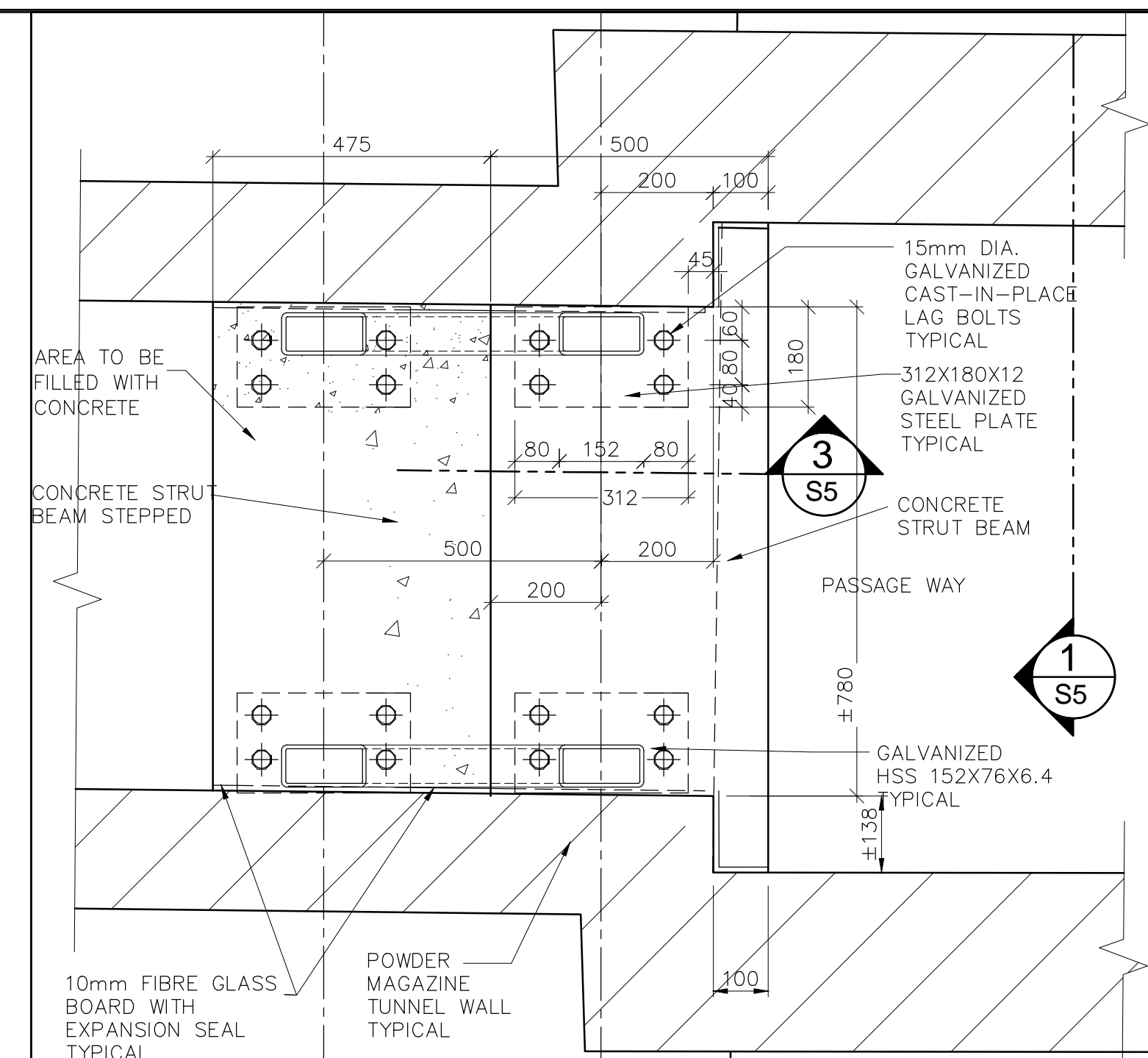
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RG 2016/04/08

Project No./ No. du projet PRO000808	Asset No. 1300164	Sheet No./ Feuille No. S4
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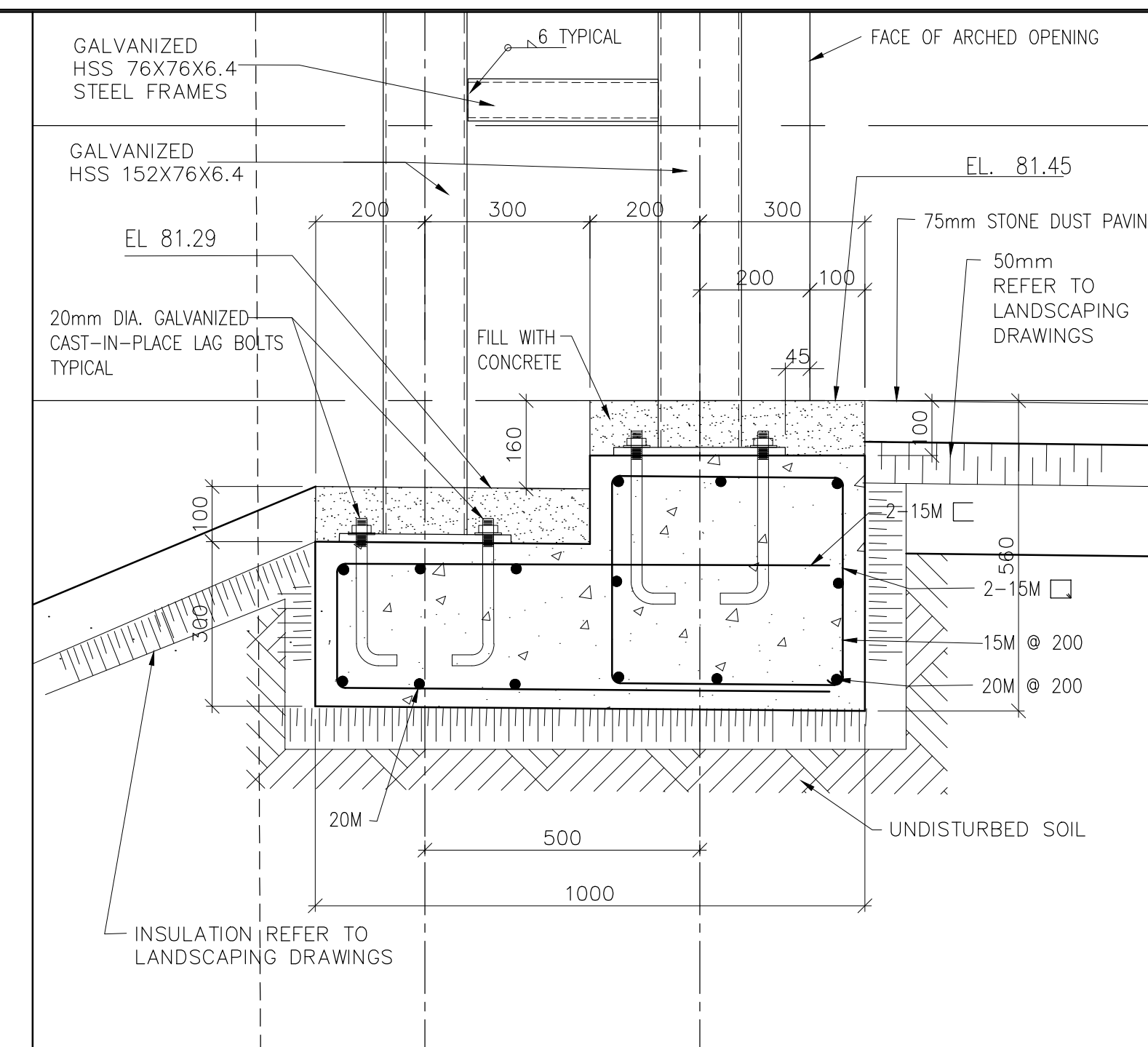
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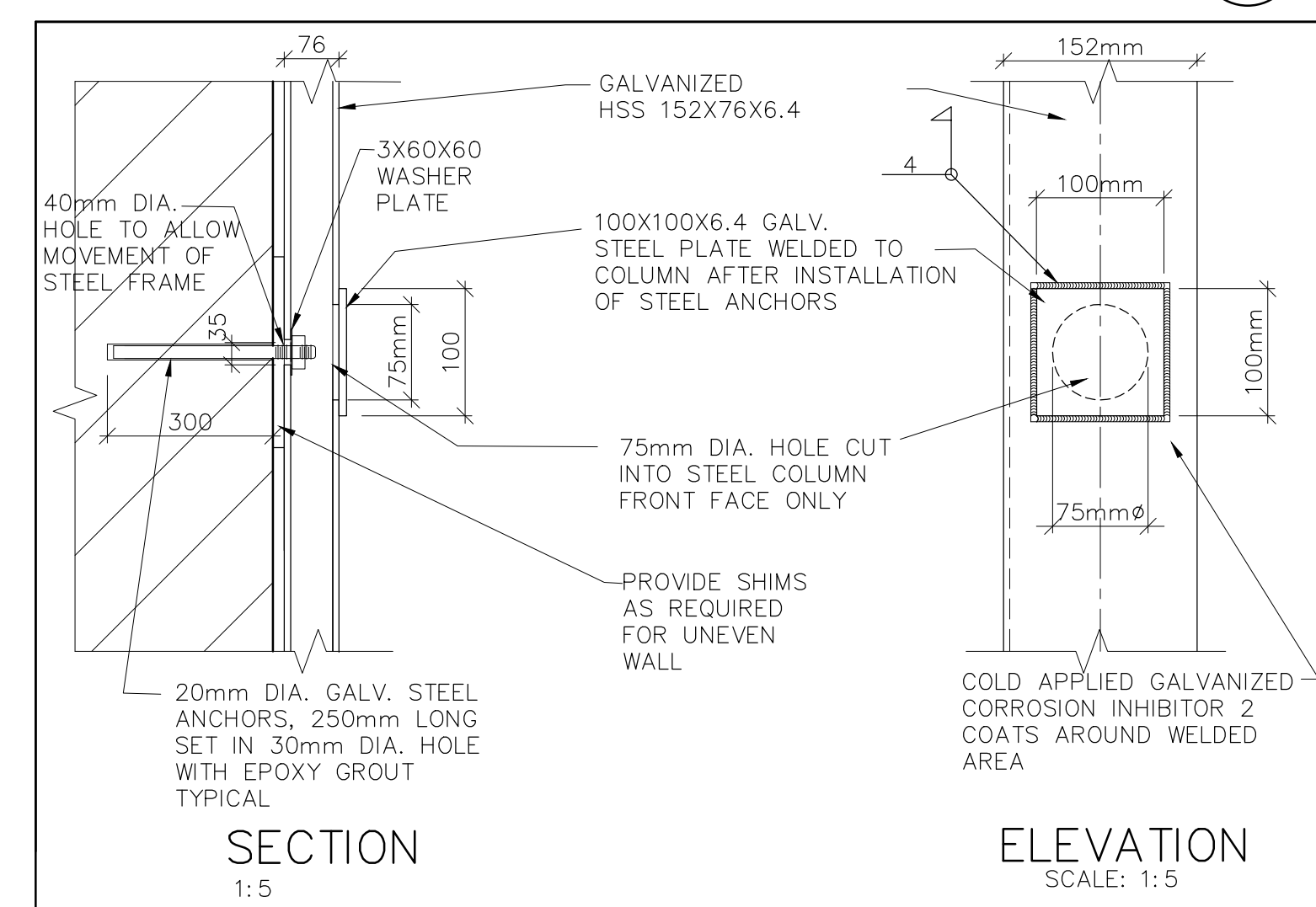
CROSS SECTION OPENING REINFORCING 1:10 **1 S5**



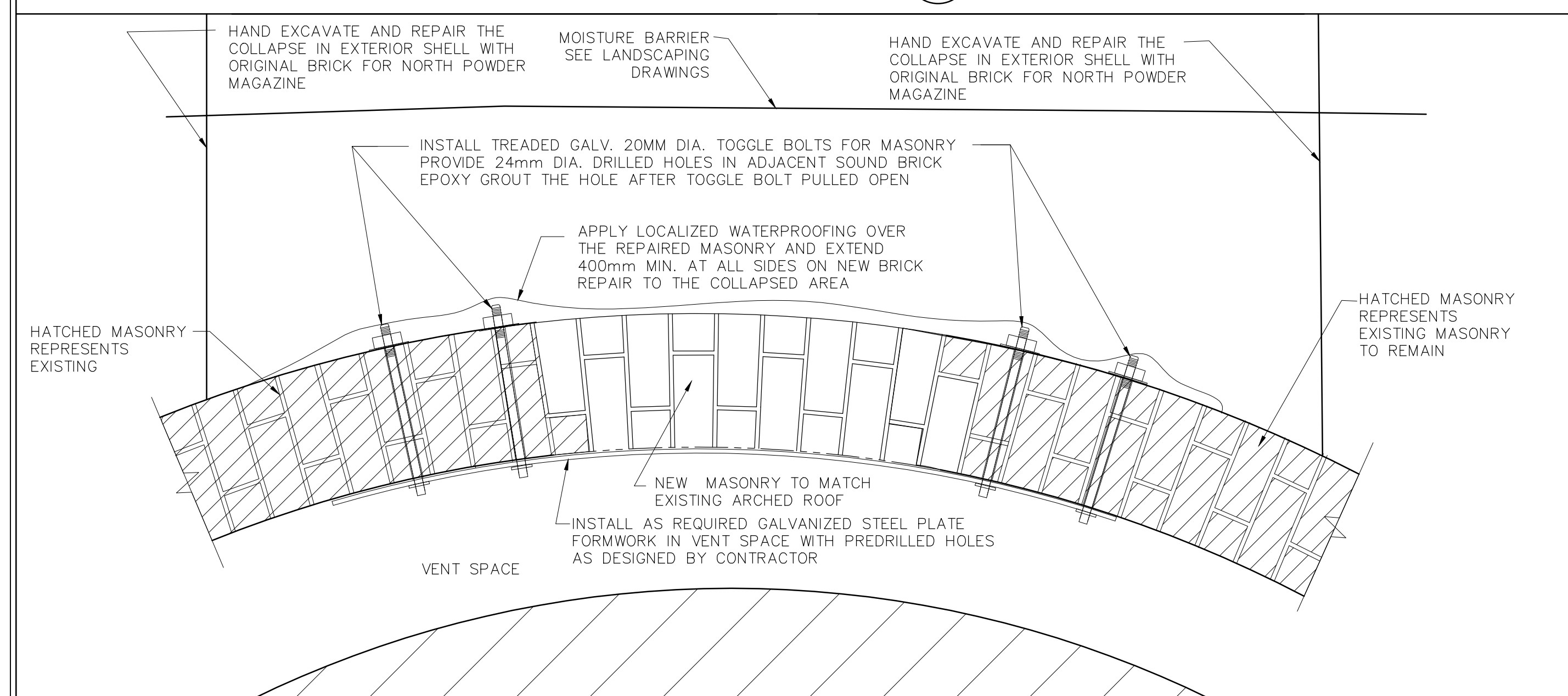
PLAN AT OPENING SECTION DETAIL 1:10 **2 S5**



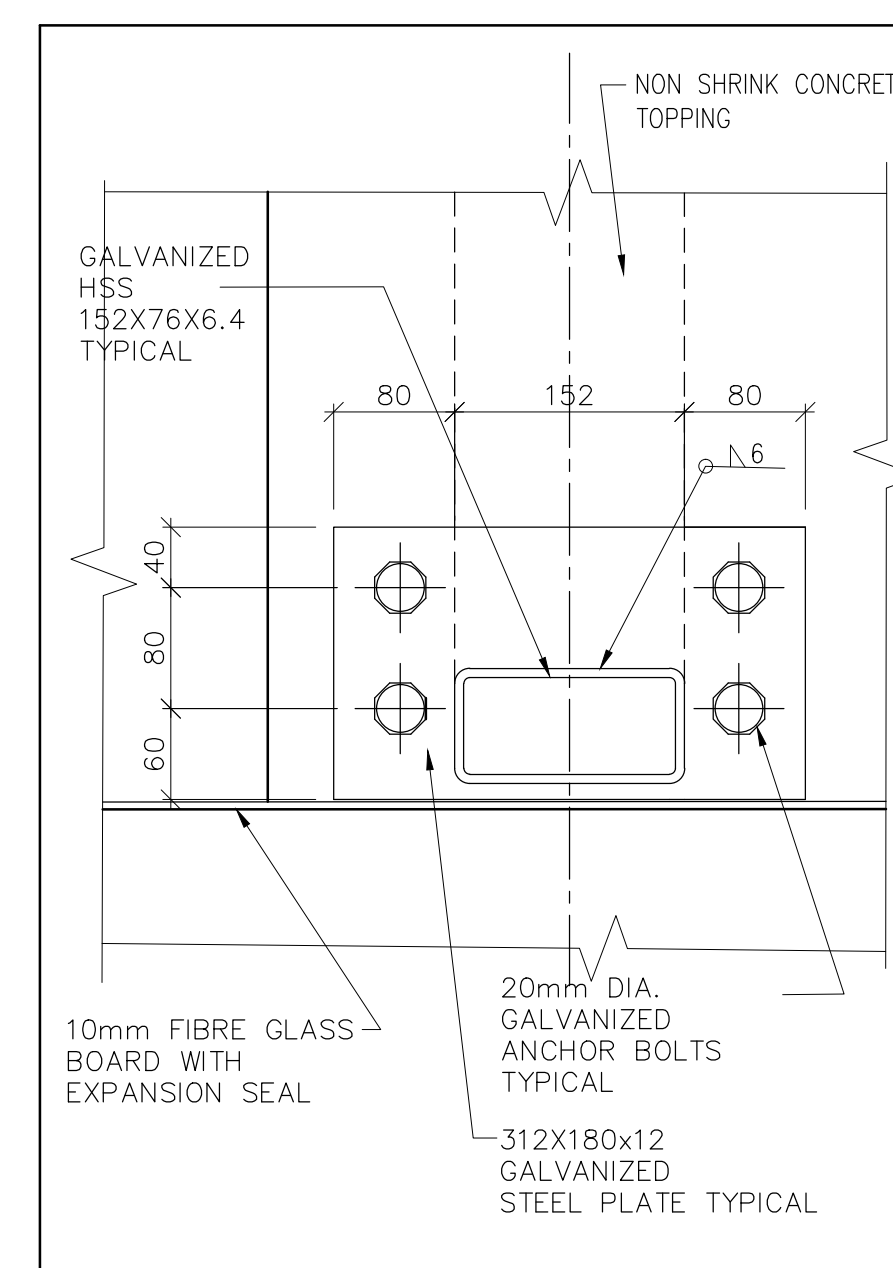
CONCRETE STRUT BEAM REINFORCING 1:10 **3 S5**



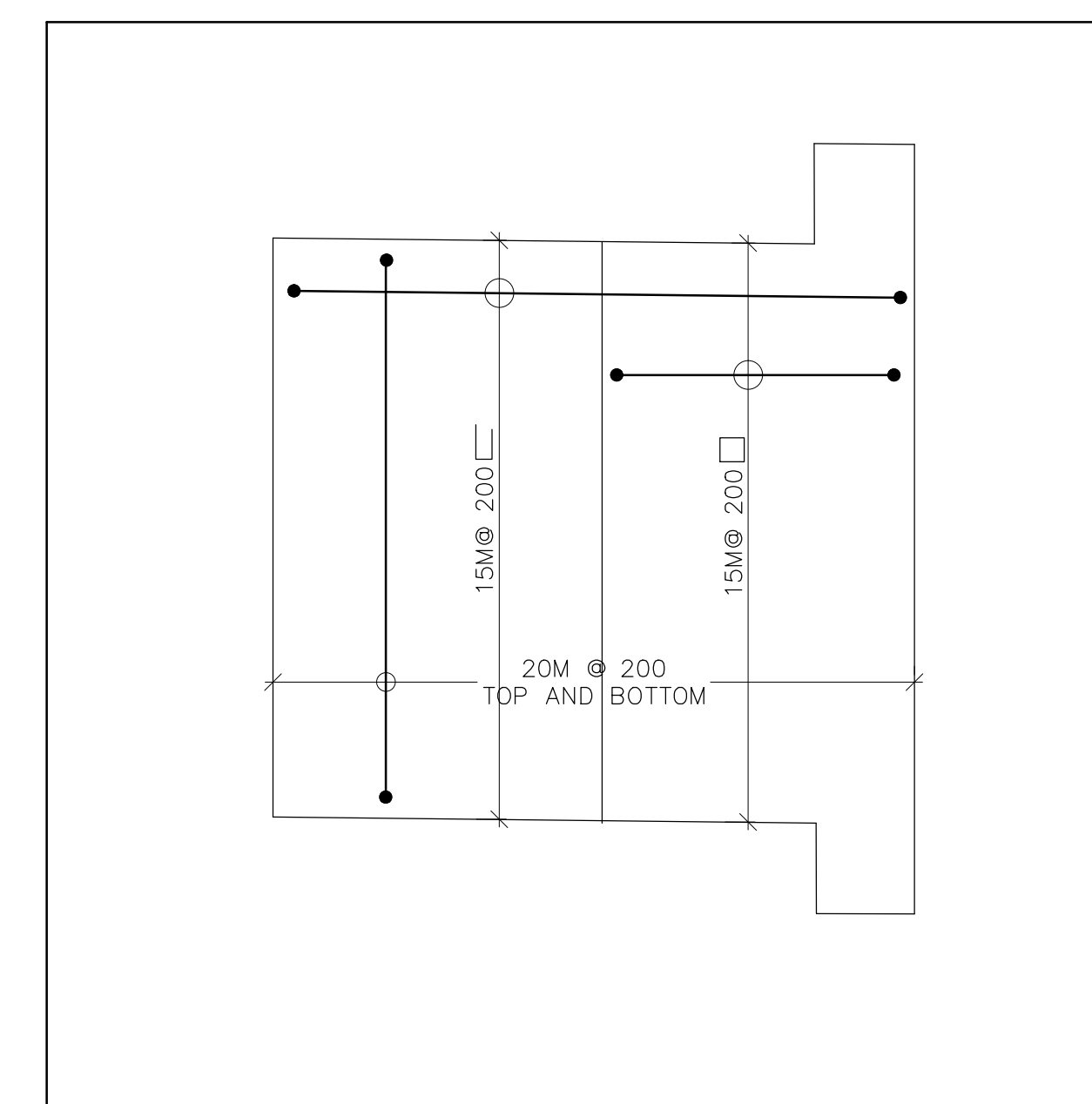
STEEL COLUMN ANCHOR DETAIL AS SHOWN 1:5



BRICK ARCH REPAIR DETAIL 1:10 **6 S5**



COLUMN BASE PLATE 1:5 **7 S5**



PLAN OF BEAM REINFORCING 1:10 **8 S5**

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02	ISSUED FOR 99% REVIEW	18/03/09
01	ISSUED FOR 66% REVIEW	16/03/09
revision	issued / revisions	date

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PARKS CANADA
SOUTHWEST ONTARIO FIELD UNIT



Type of Record / Type d'enregistrement
TYPE

Project title / Titre du projet

FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin

DETAILS - NORTH POWDER MAGAZINE

Scale / Echelle
SCALE: AS NOTED

Drawn by / Dessiné par
MC Date 2016/04/08

Field Recording by / Relevé-Terminé par
RG Date Y/M/D

Approved by / Approuvé par
NW Date 2016/04/08

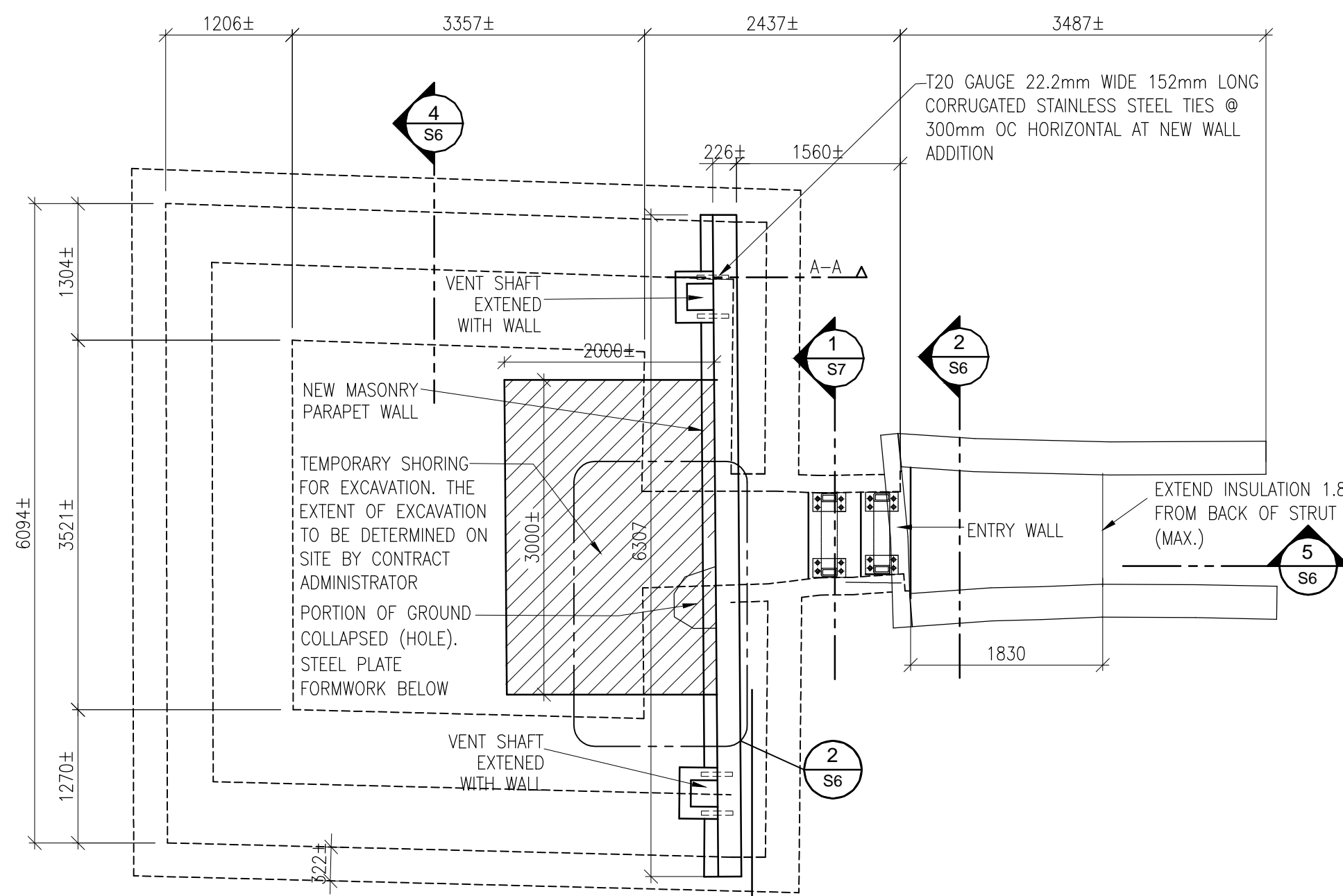
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RG Date 2016/04/08

Project No. / No. du projet
PRO000808

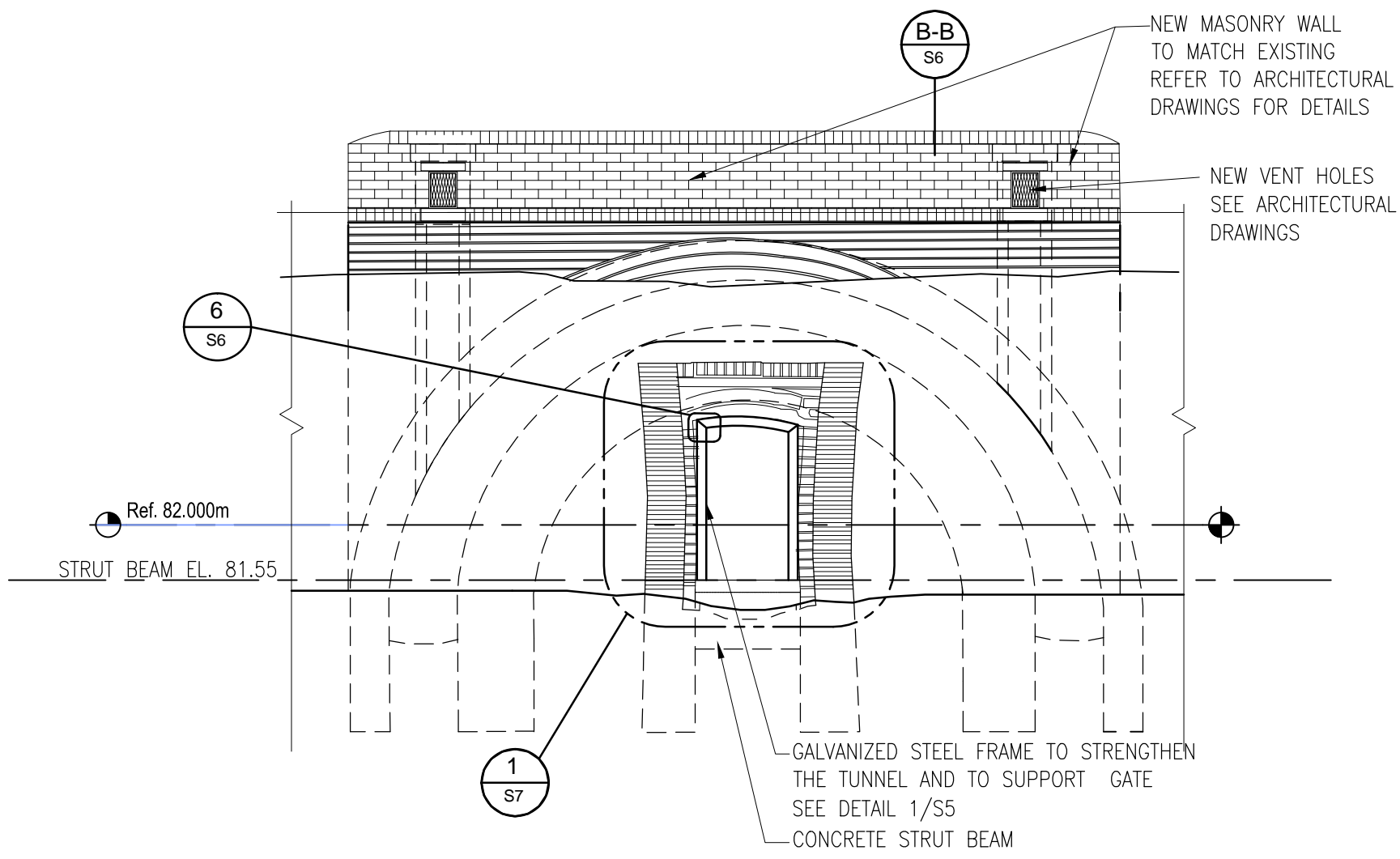
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Sheet No. / Feuille No.
S5

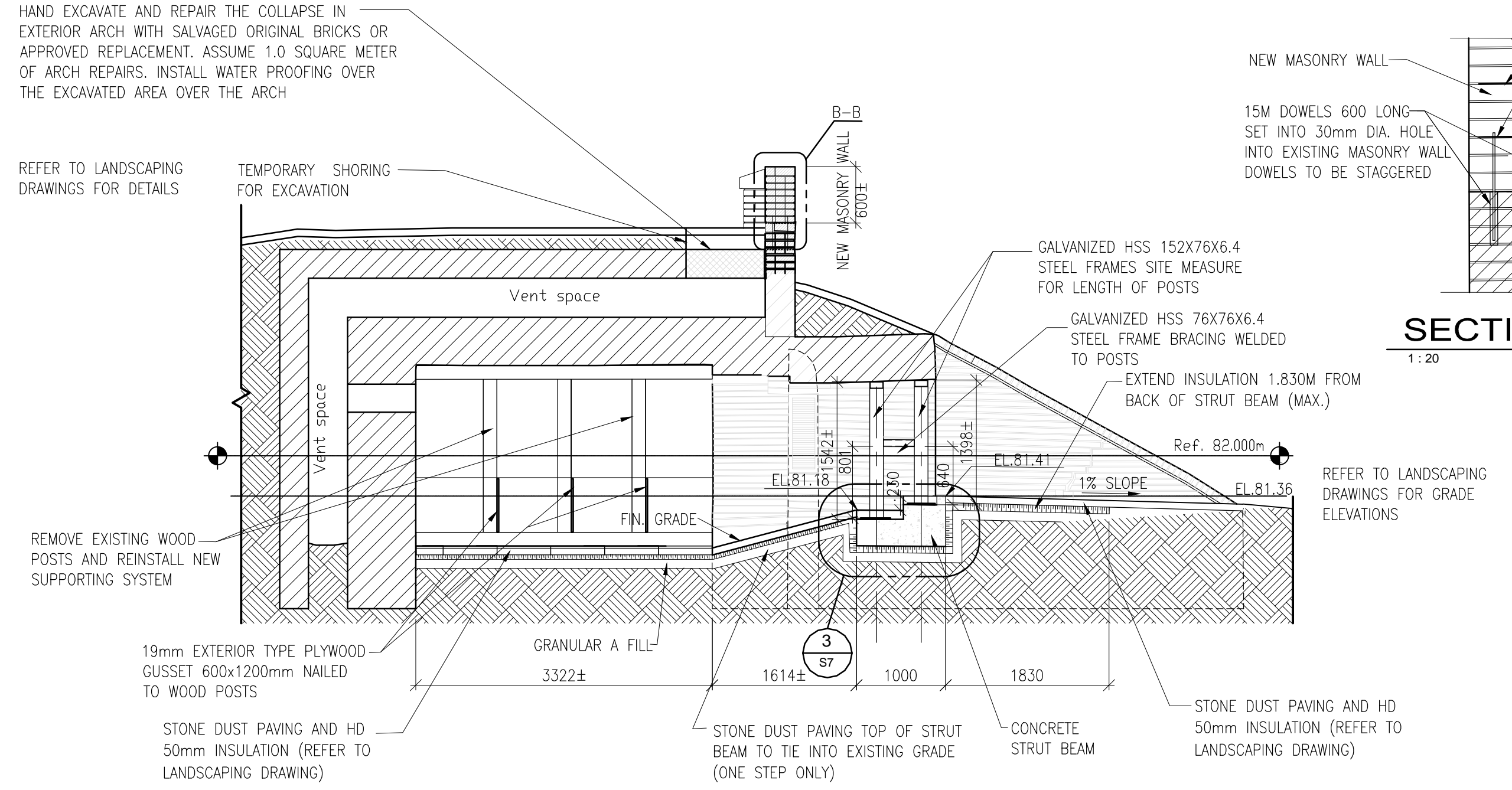
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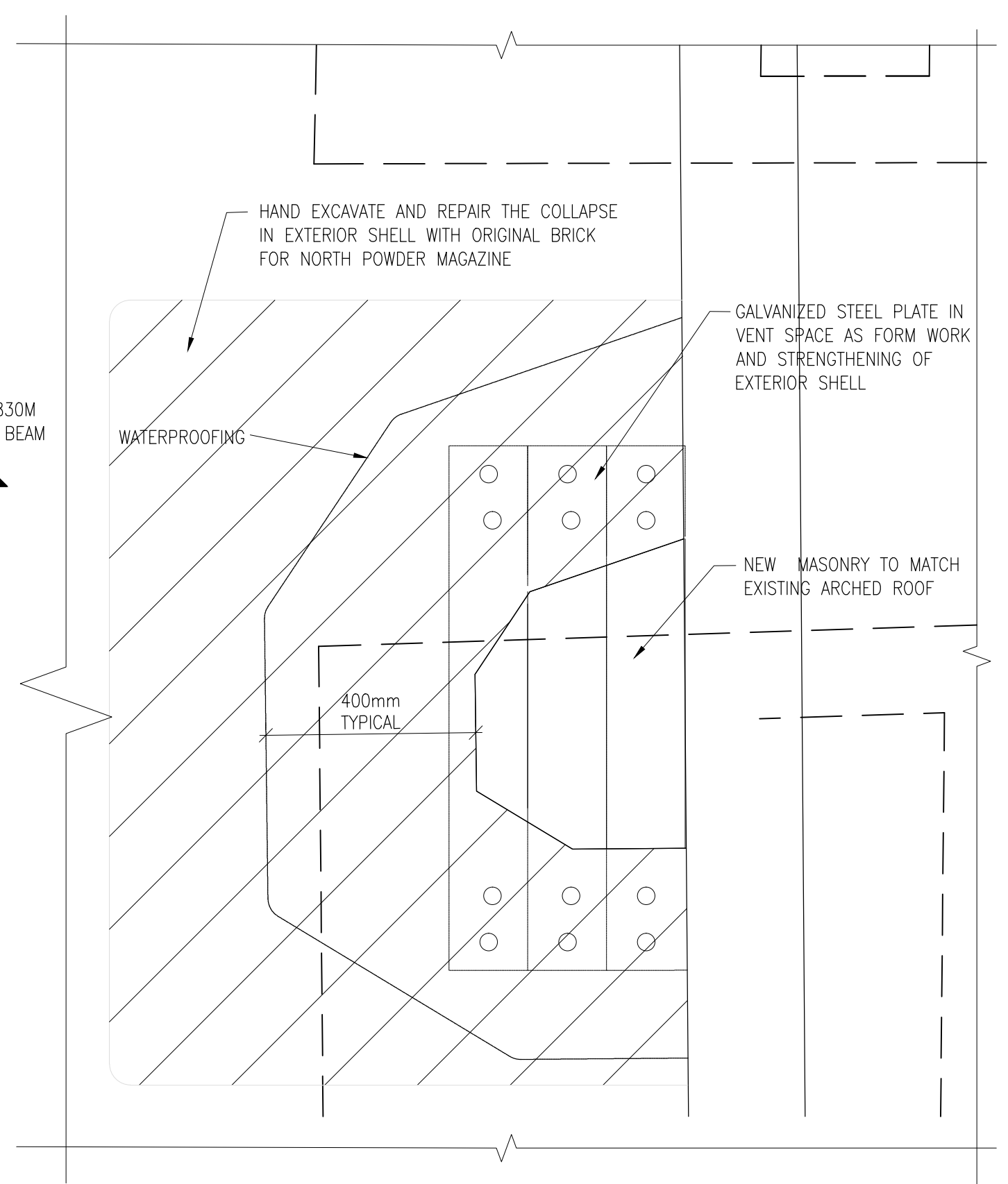
SOUTH POWDER MAGAZINE TOP VIEW 1:50



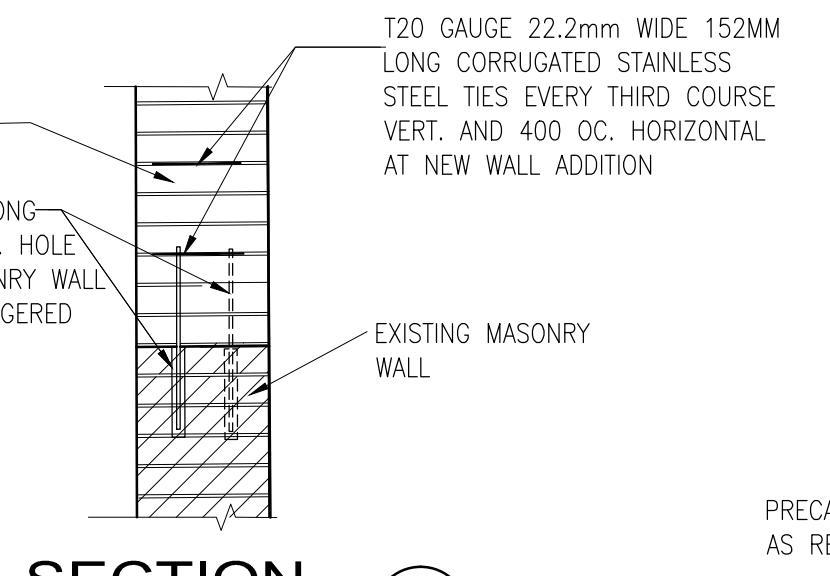
CROSS SECTION 2:50



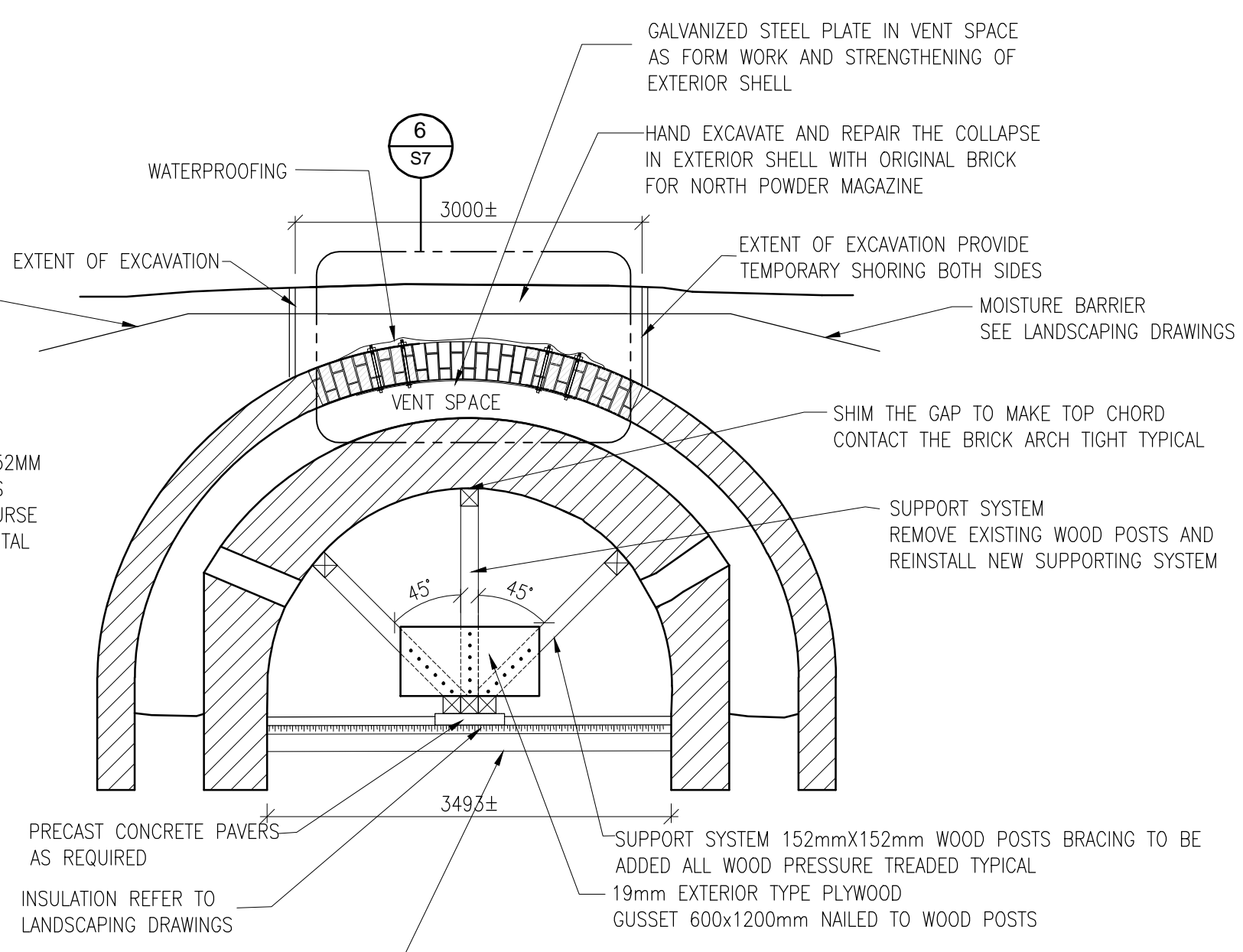
SECTION / ELEVATION 5:50



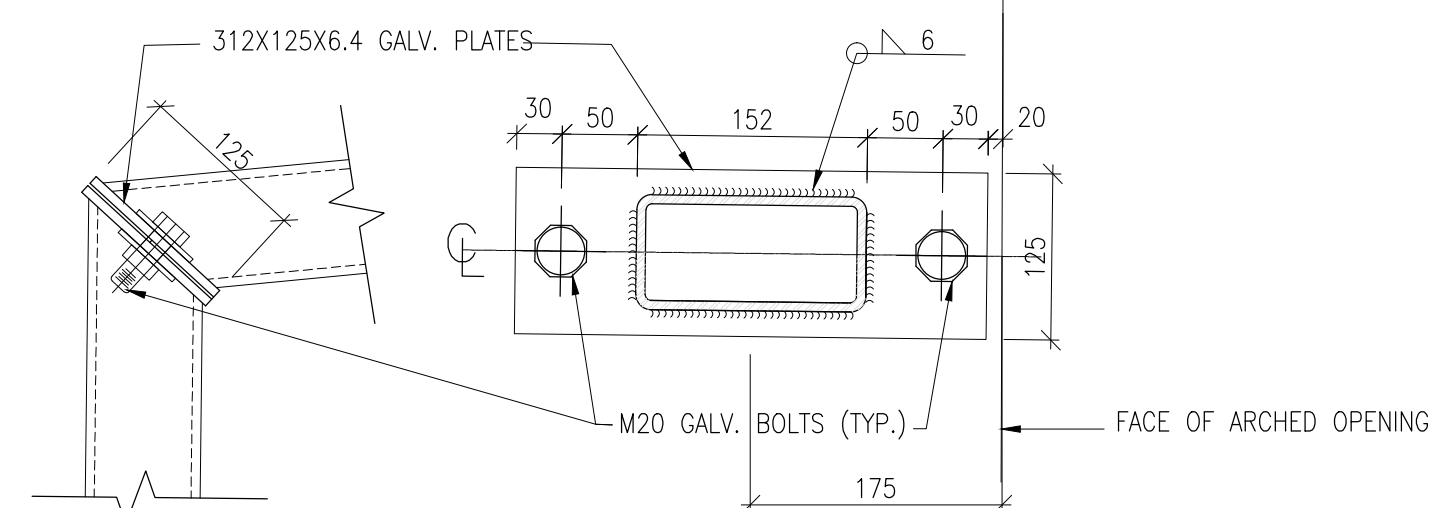
PLAN AT COLLAPSED ROOF AREA AT EXTERIOR ARCH 1:10



SECTION 1:20



CROSS SECTION 4:50



CONNECTION DETAIL 1:5

- CONSTRUCTION NOTES FOR ARCH REPAIR:**
- HAND EXCAVATE OVER THE EXTERIOR ARCH TO EXPOSE THE COLLAPSED AREA, THE EXTENT OF EXCAVATION AREA AT LEAST 0.5m WIDER THAN COLLAPSED AREA.
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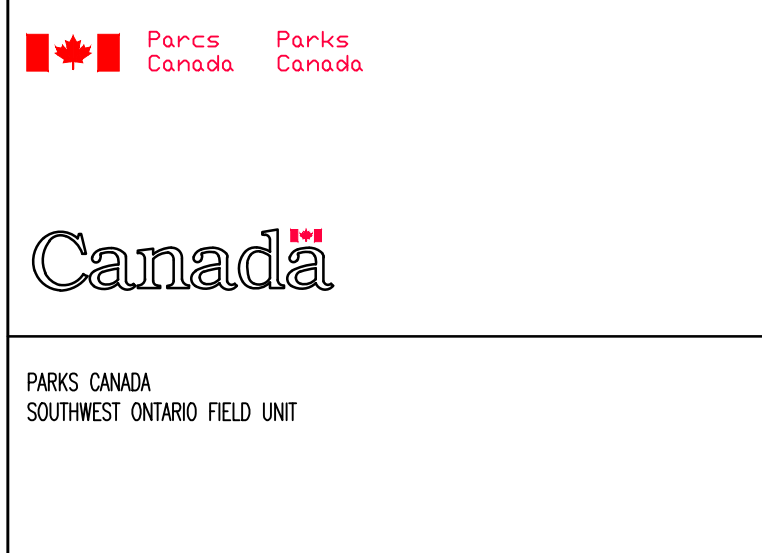
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revision	issued / revisions	date

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Linear dimensions in millimeters Dimensions lineaires en millimetres

Client Acceptance / Acceptation du client
 Signature _____ Date _____
 File No. / No. de dossier _____



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 TYPE

Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
PLANS AND SECTION SOUTH POWDER MAGAZINE

Scale / Echelle
 SCALE: AS NOTED

Drawn by / Dessiné par
 MC Date 2016/04/08

Field Recording by / Relevé-Terminé par
 RG Date Y/M/D

Approved by / Approuvé par
 NW Date 2016/04/08

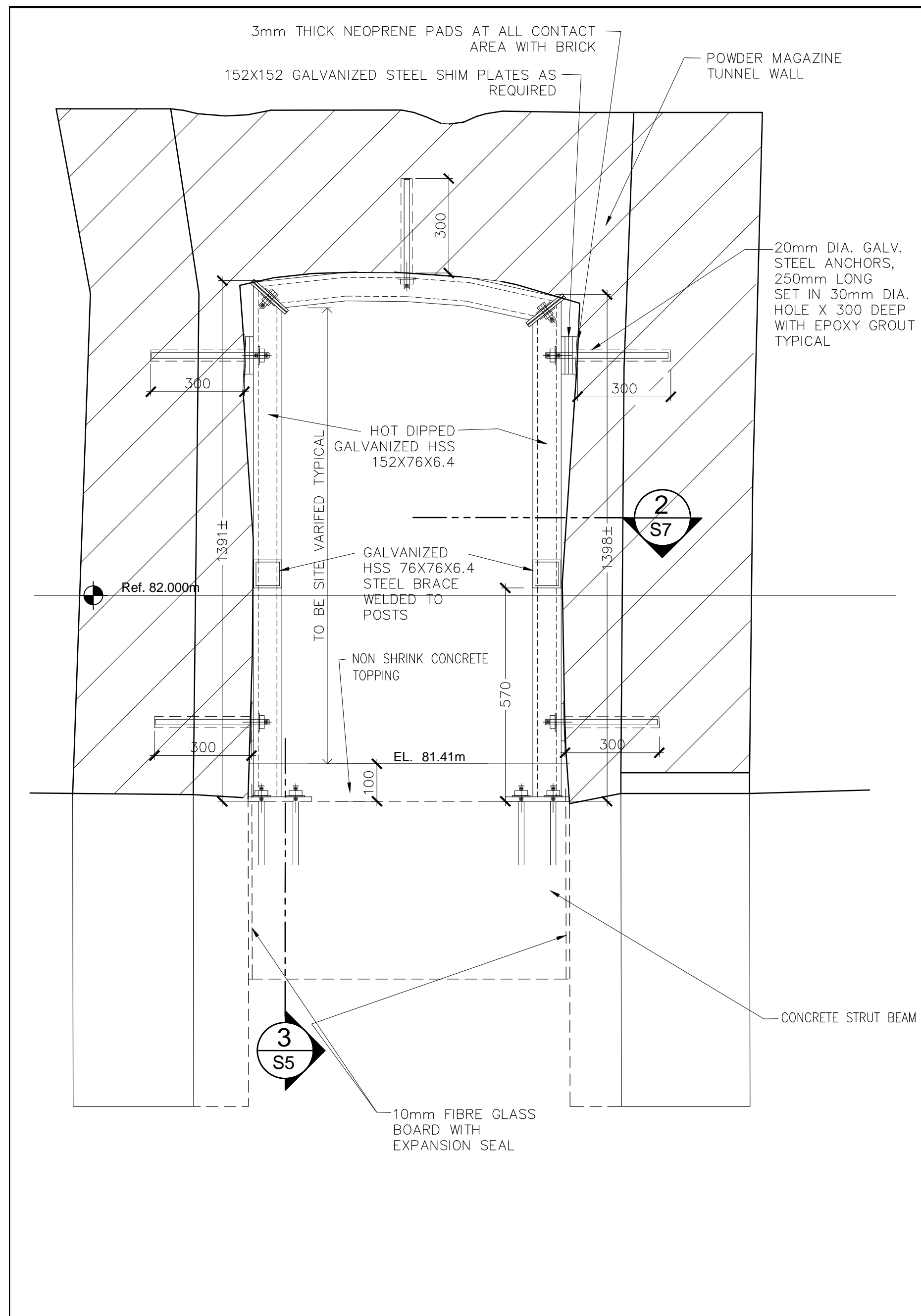
Checked by / Vérifiée par
 RG Date 2016/04/08

Project No./ No. du projet
 PRO000808

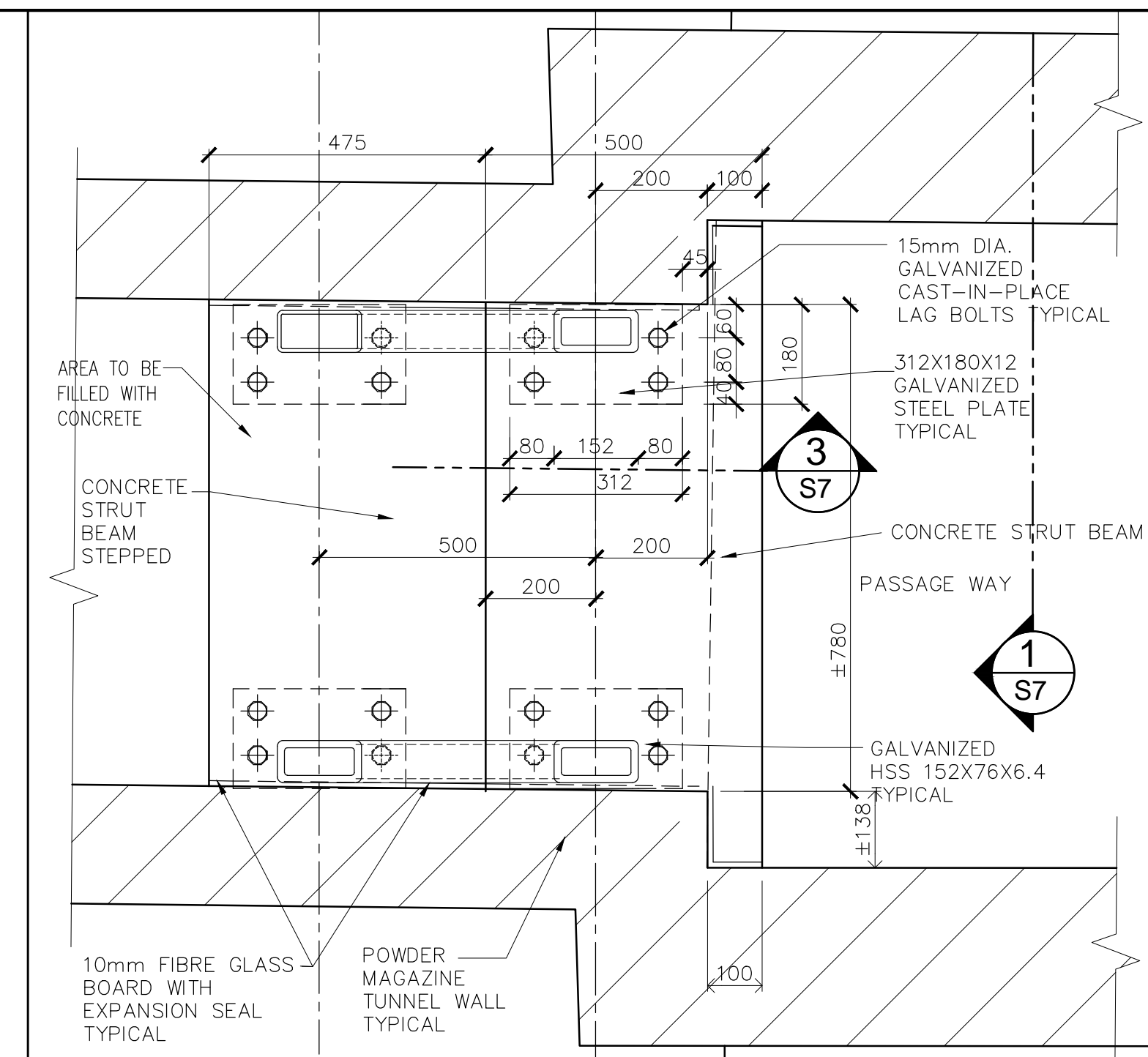
Asset No.
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Sheet No./ Feuille No.
S6

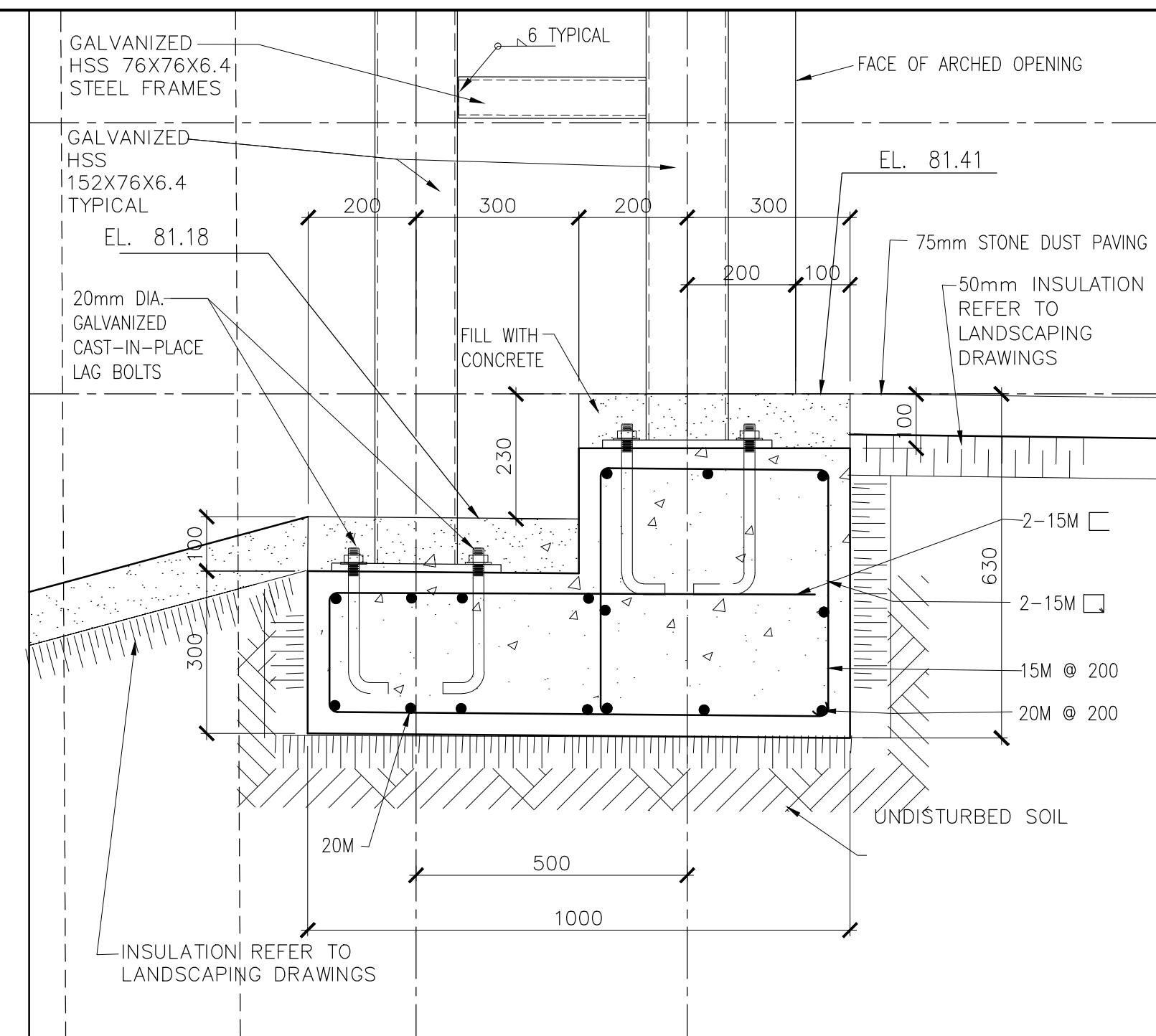
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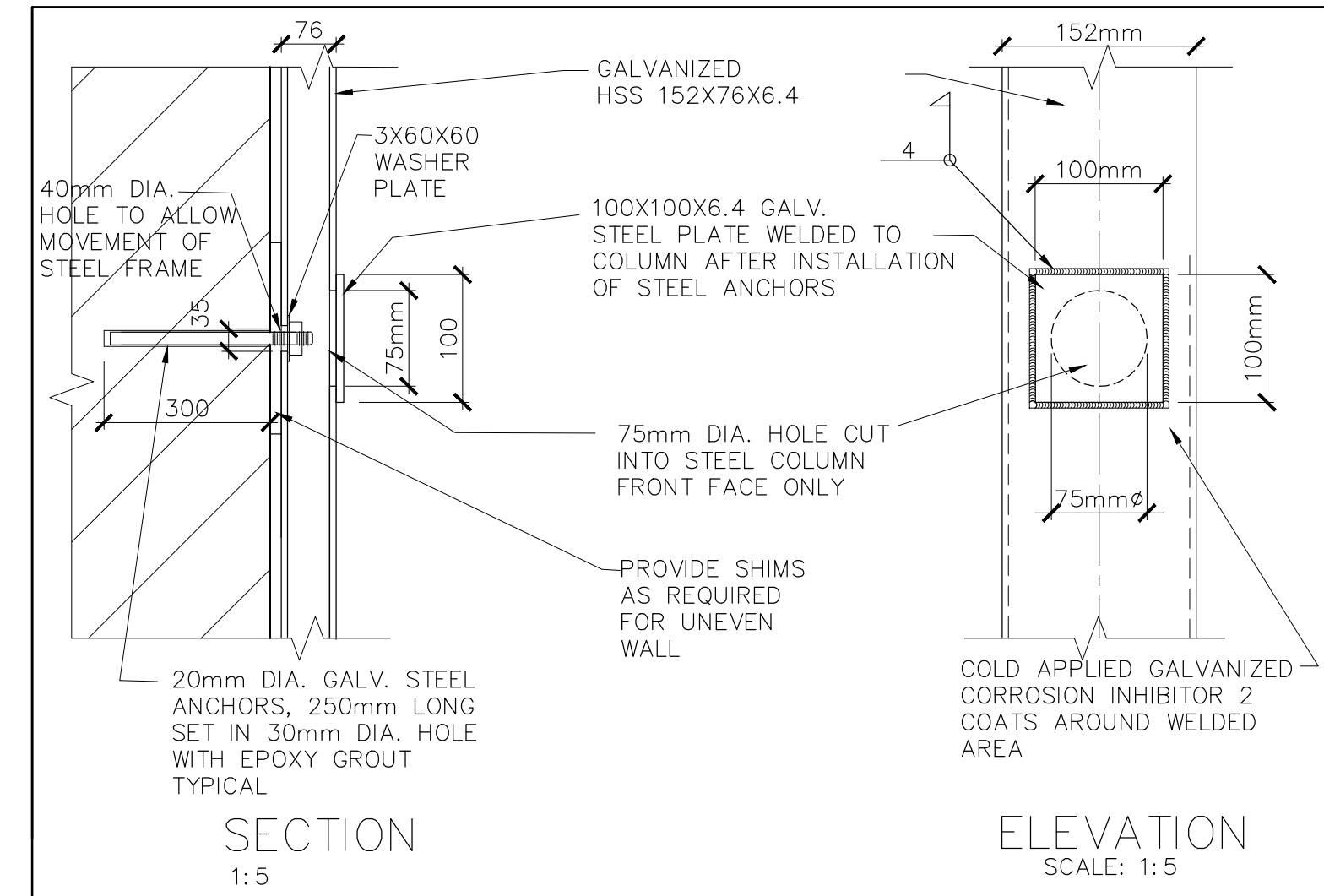
CROSS SECTION OPENING REINFORCING 1:10 **1** S7



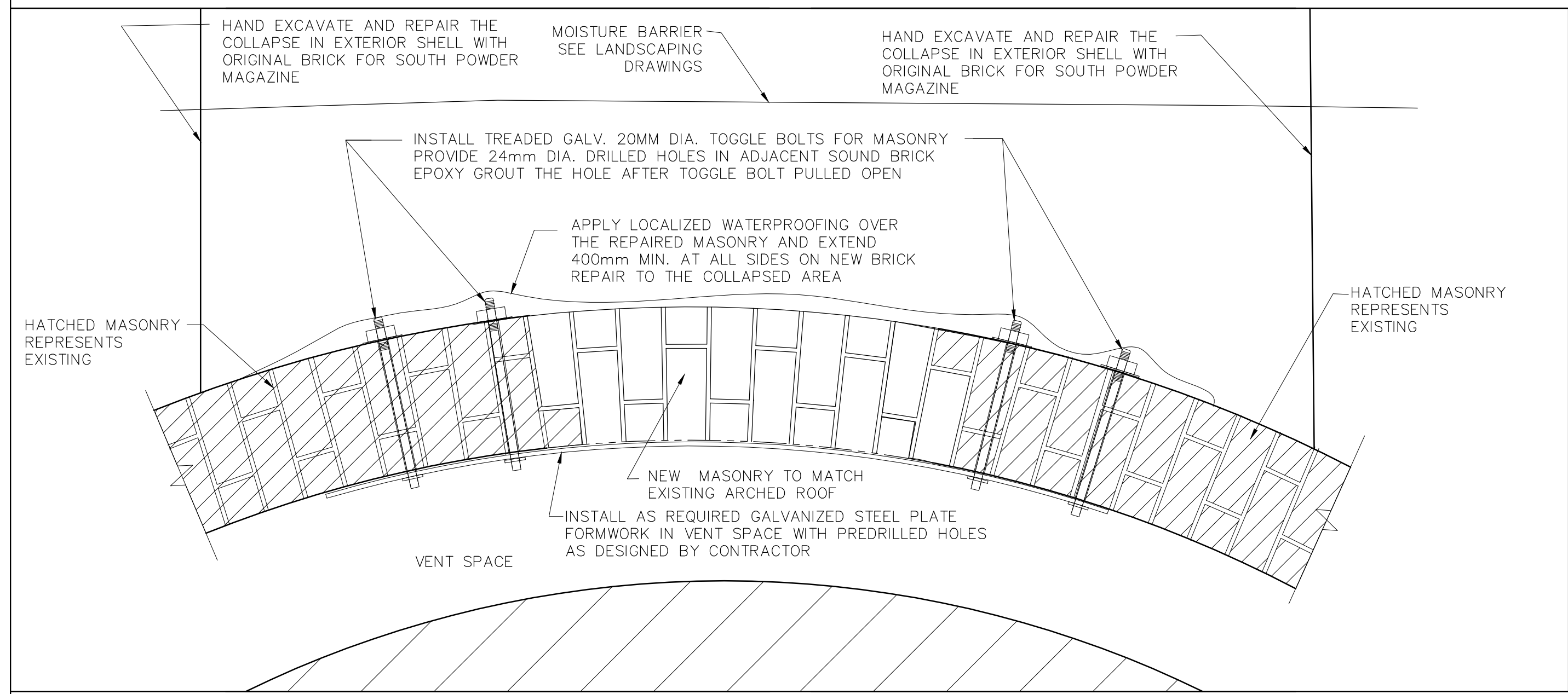
PLAN AT OPENING SECTION DETAIL 1:10 **2** S7



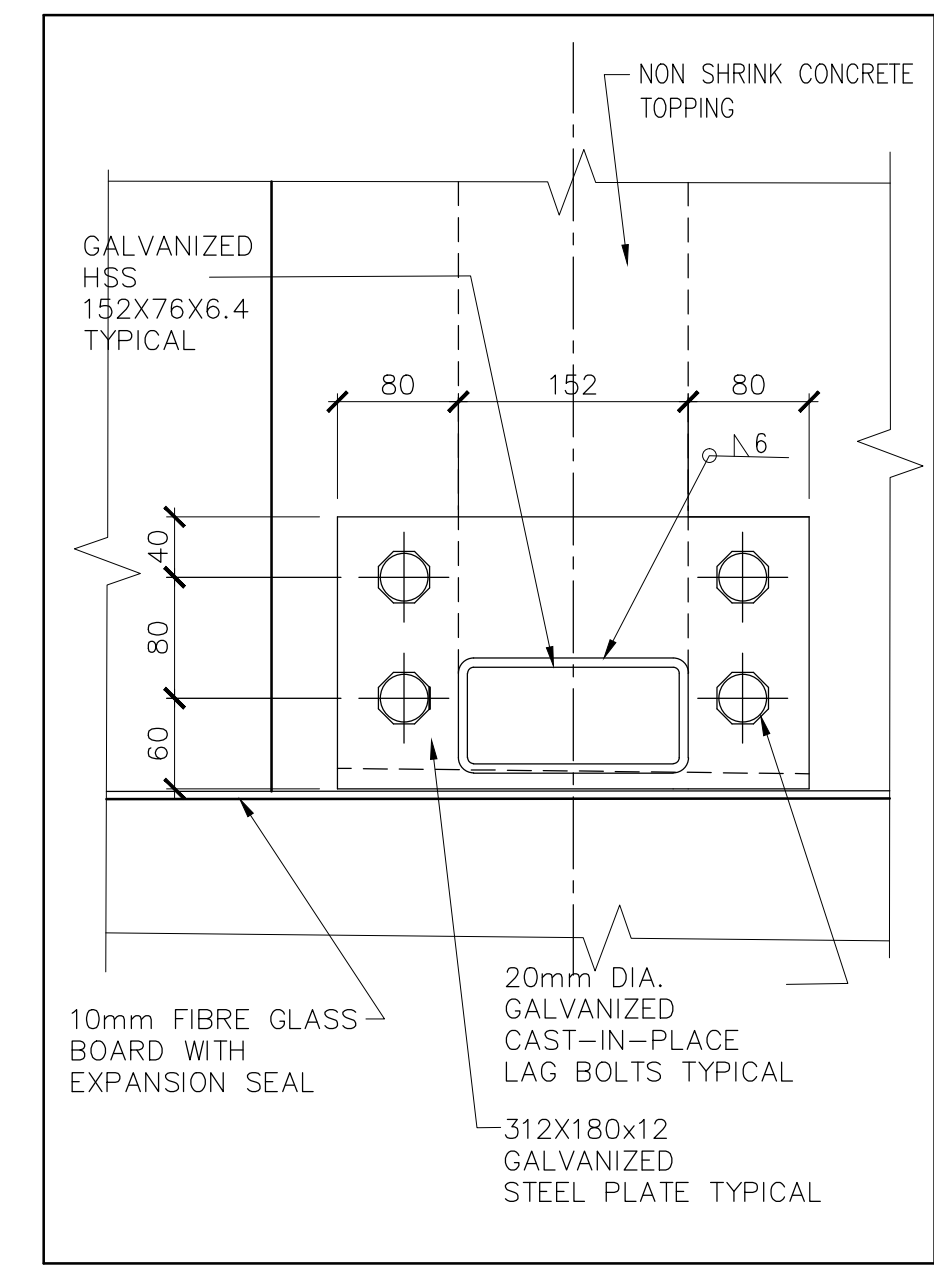
CONCRETE STRUT BEAM REINFORCING 1:10 **3** S7



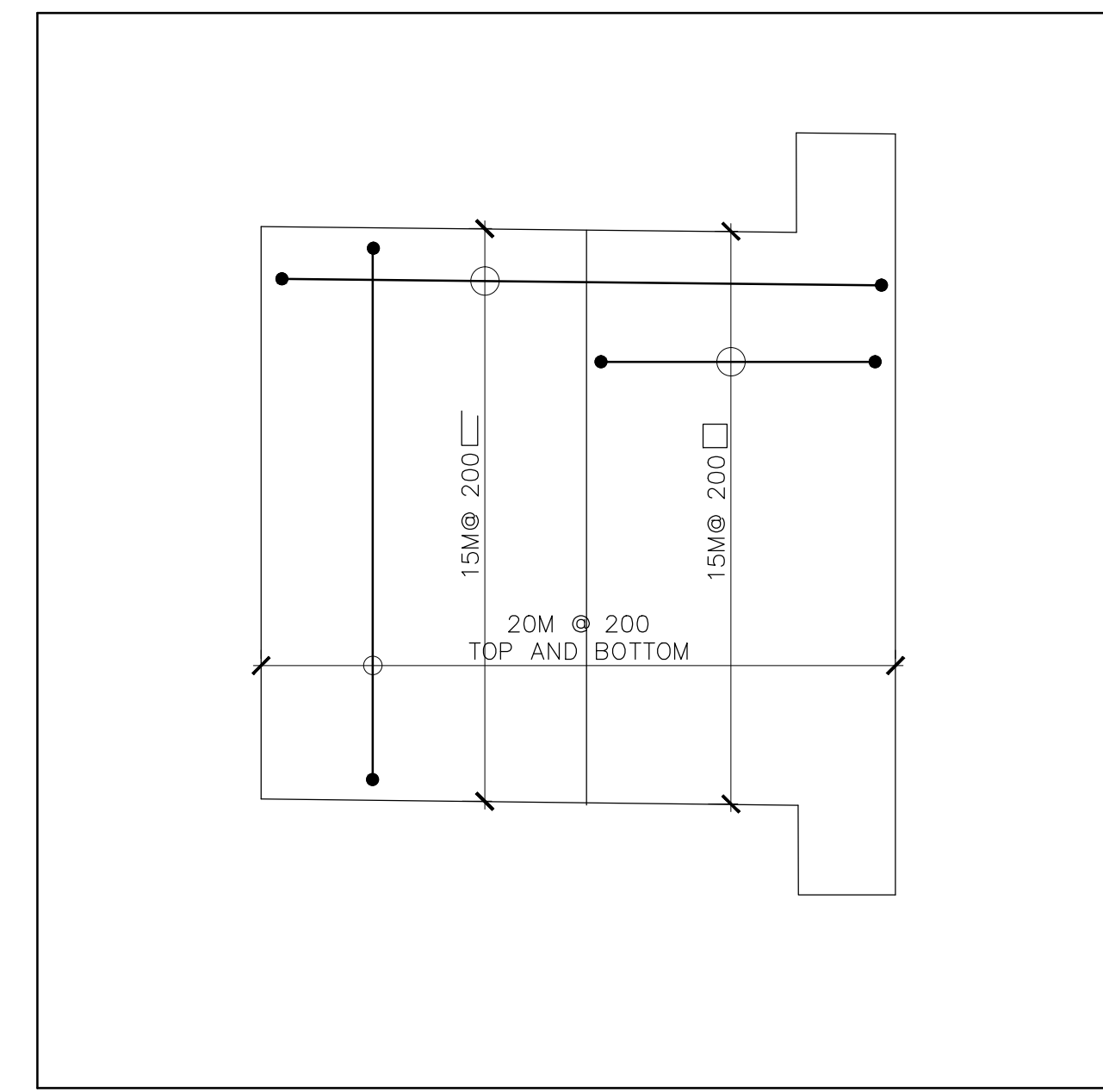
STEEL COLUMN ANCHOR DETAIL AS SHOWN **3** S5



BRICK ARCH REPAIR DETAIL 1:10 **6** S7



COLUMN BASE PLATE 1:5 **7** S7



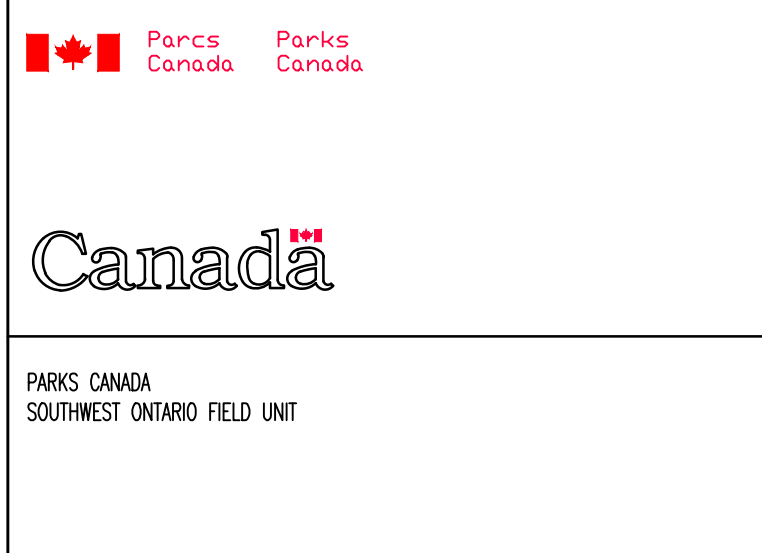
PLAN OF BEAM REINFORCING 1:10 **8** S7

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FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
DETAILS SOUTH POWDER MAGAZINE

Scale / Echelle
 SCALE: AS NOTED

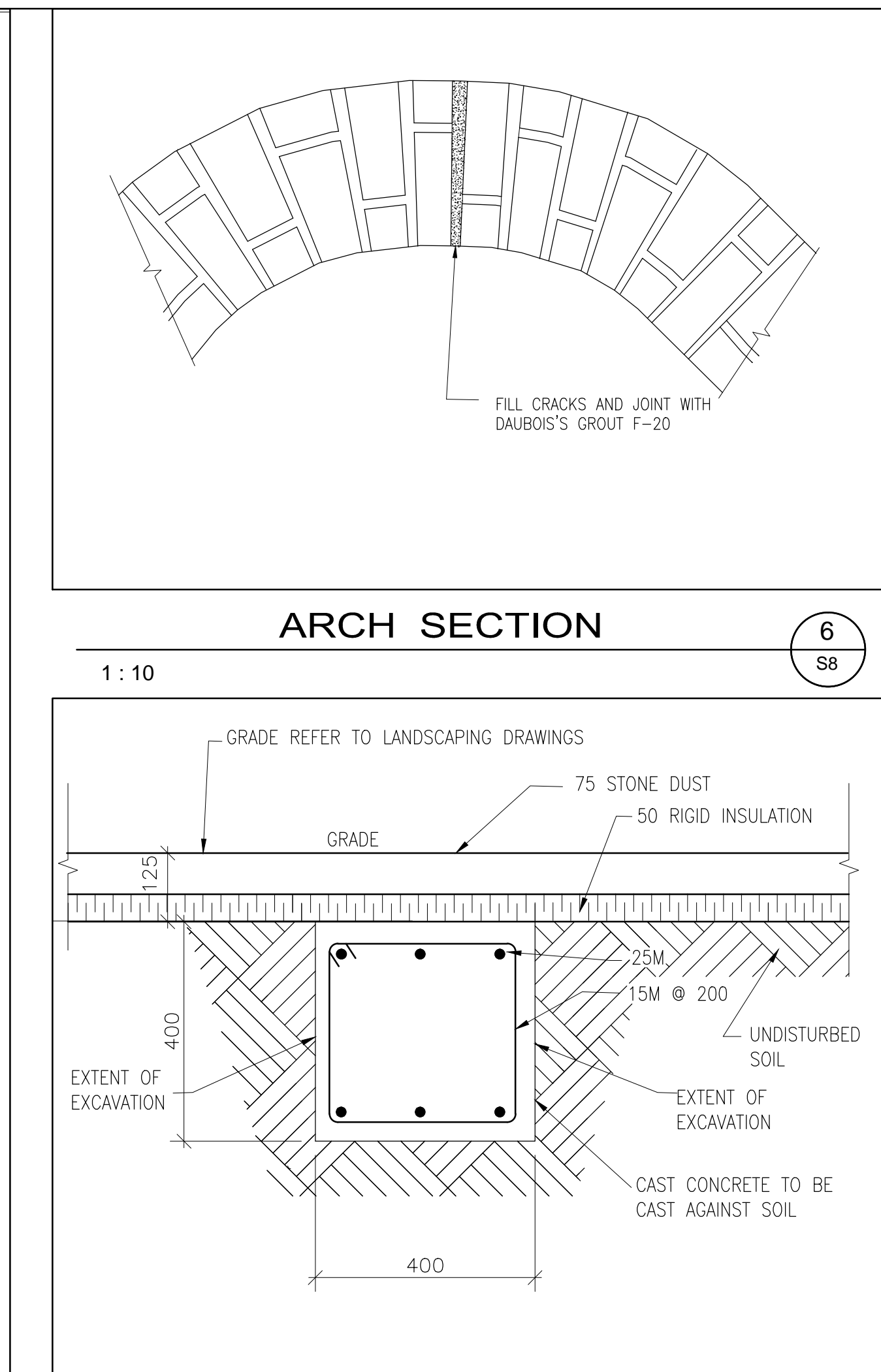
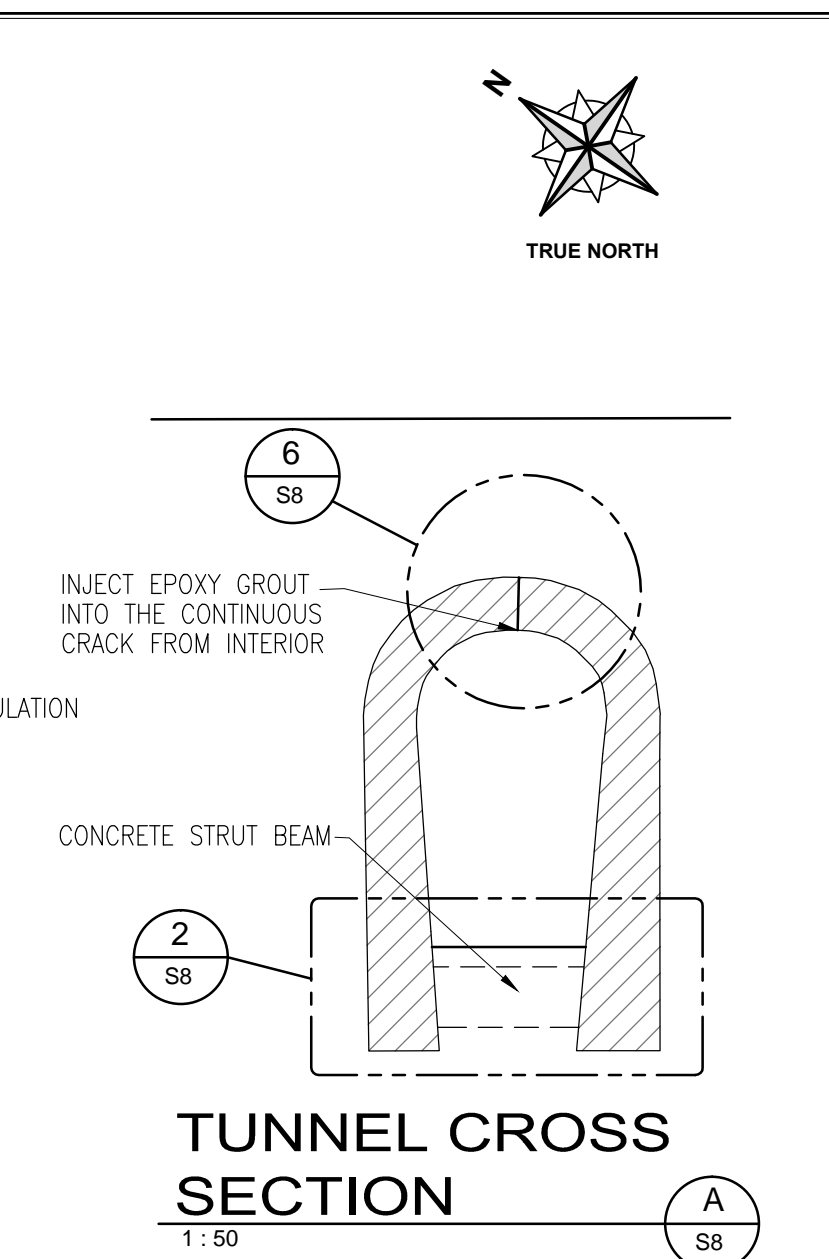
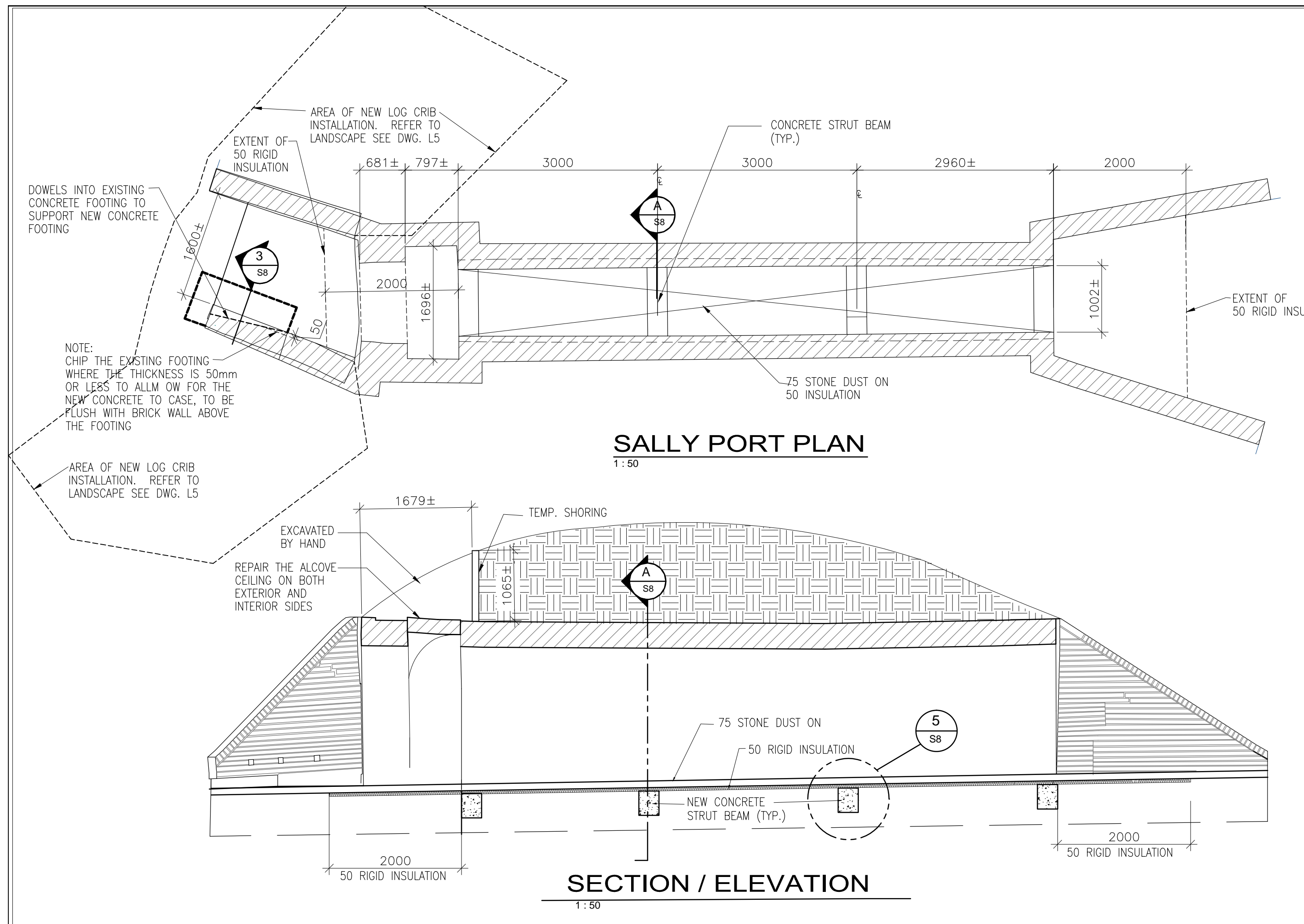
Drawn by / Dessiné par
 MC Date 2016/04/08

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 RG Date Y/M/D

Approved by / Approuvé par
 NW Date 2016/04/08

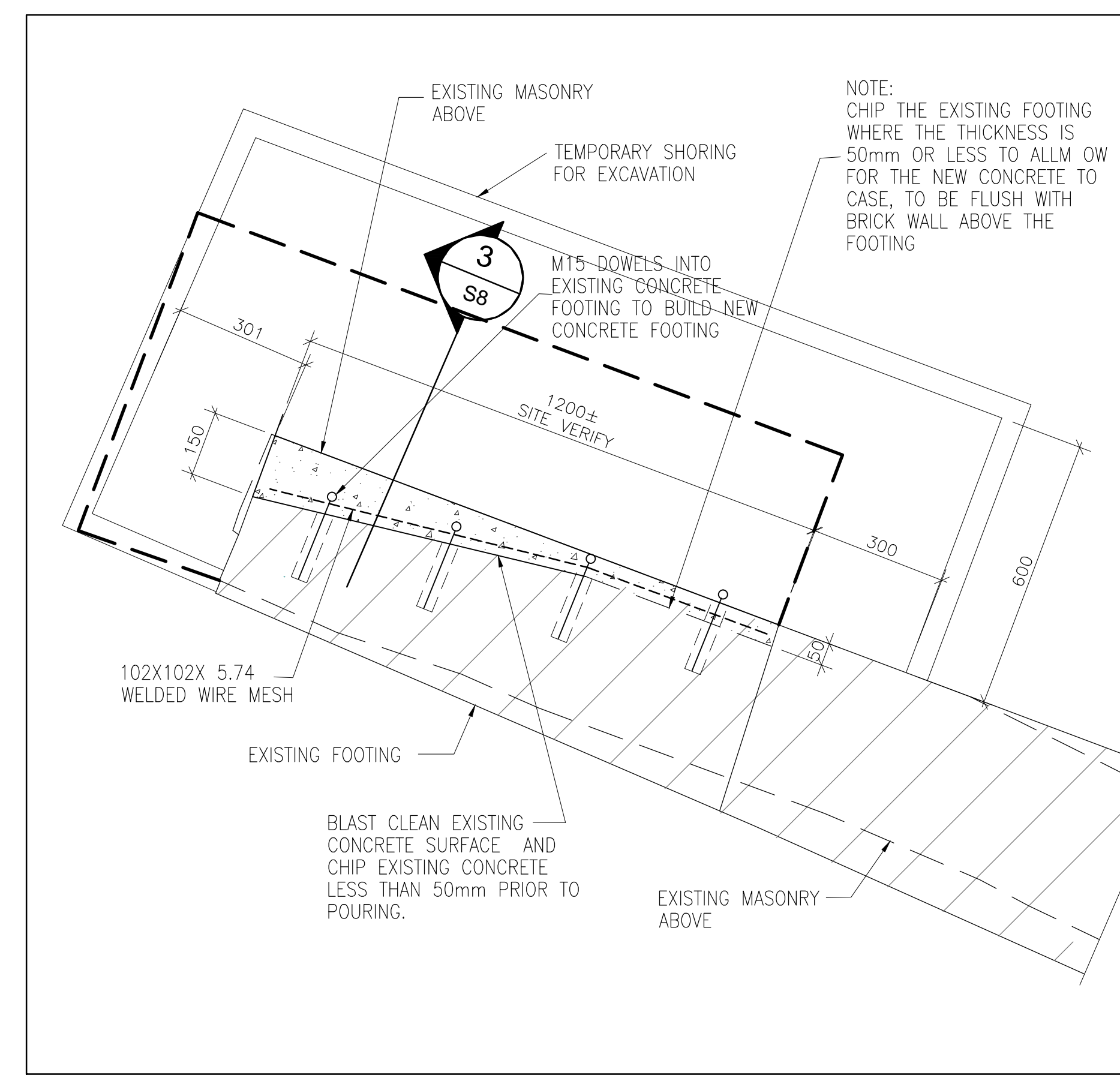
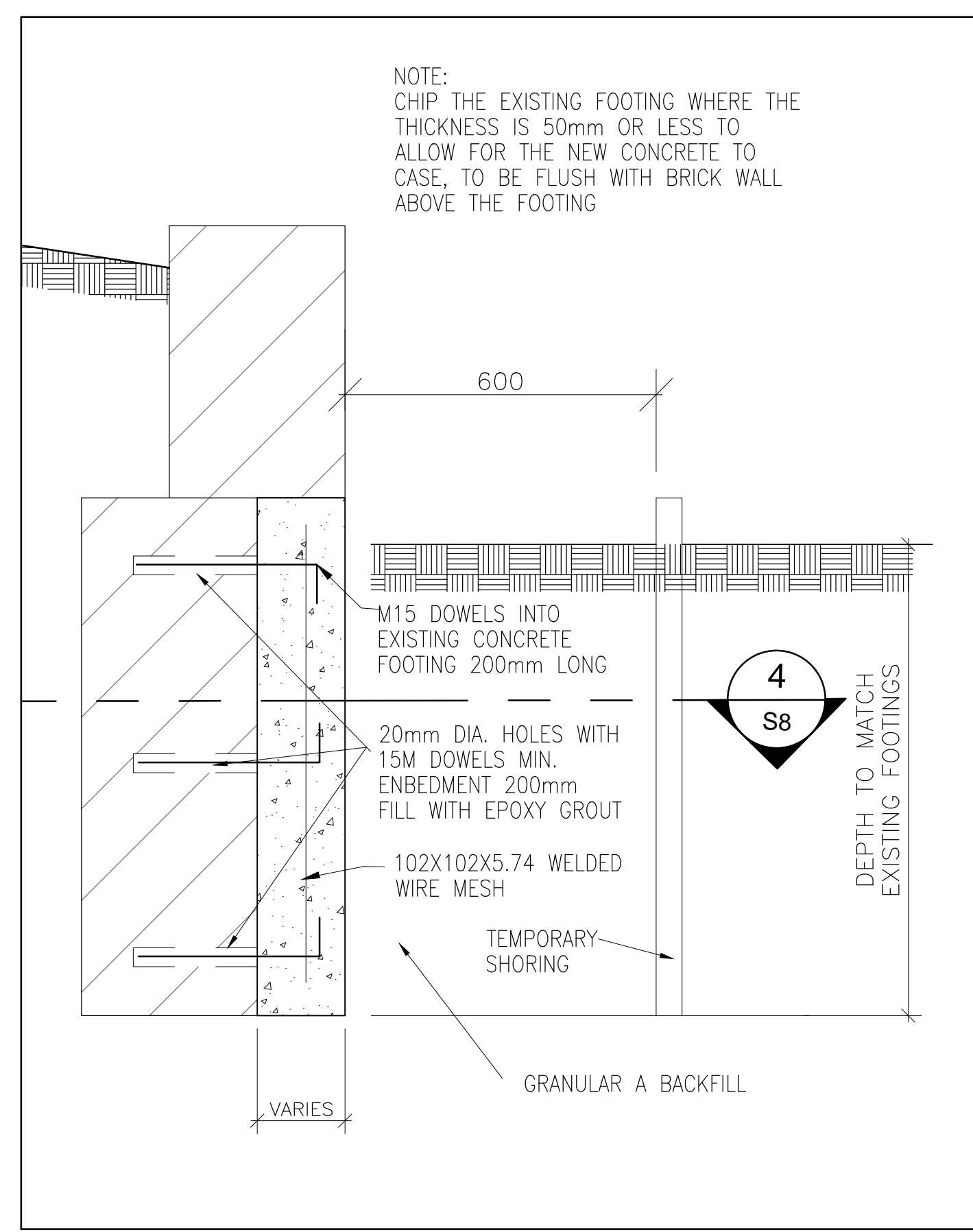
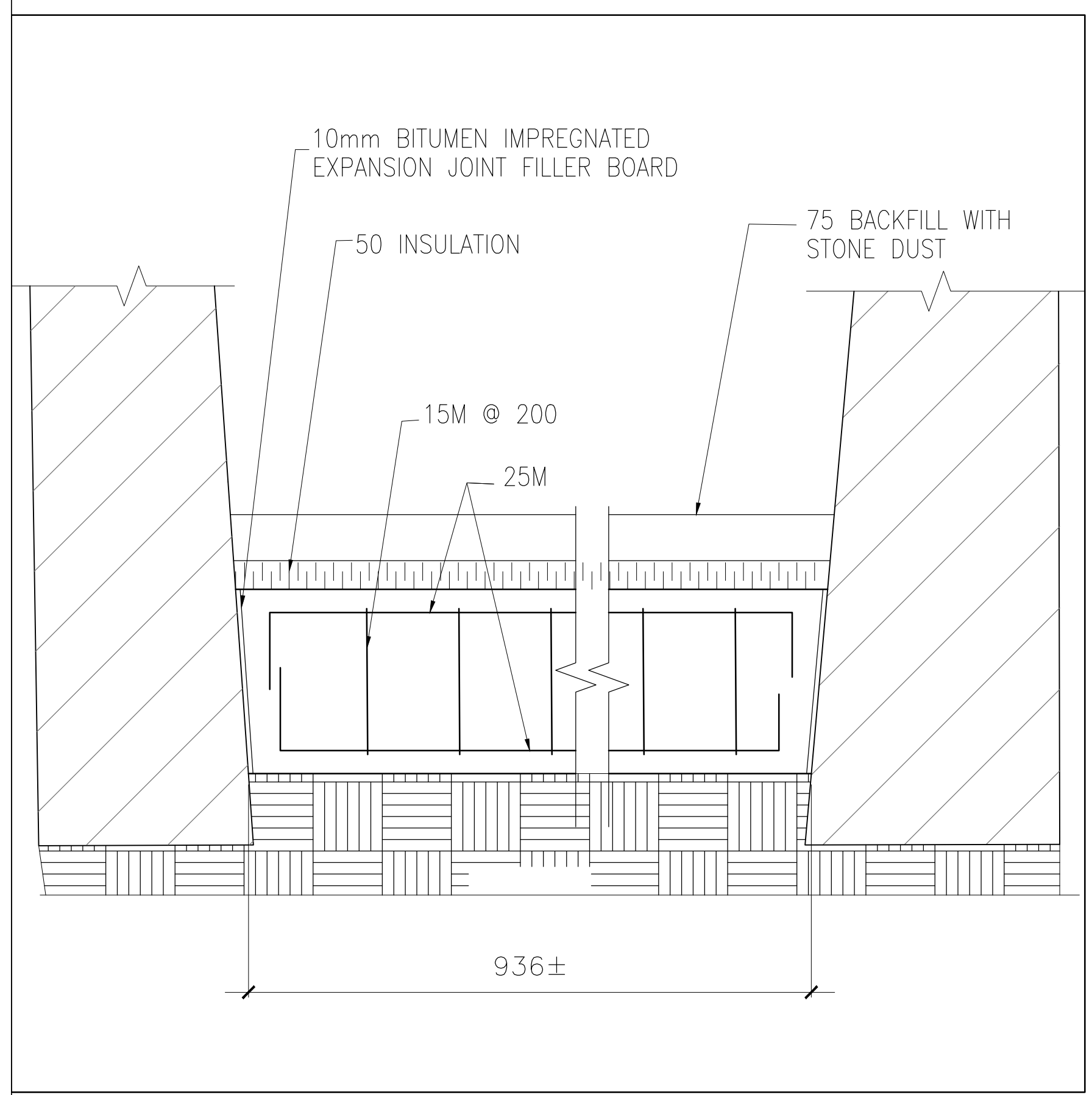
Checked by / Vérifié par
 RG Date 2016/04/08

Project No. / No. du projet PRO000808	Asset No. 1300164	Sheet No. / Feuille No. S7
Drawing Reference No./No. du Dessin --/--		



SECTION PLAN AND ELEVATION SALLY PORT
1:50

CONCRETE STRUT BEAM REINFORCING
1:10

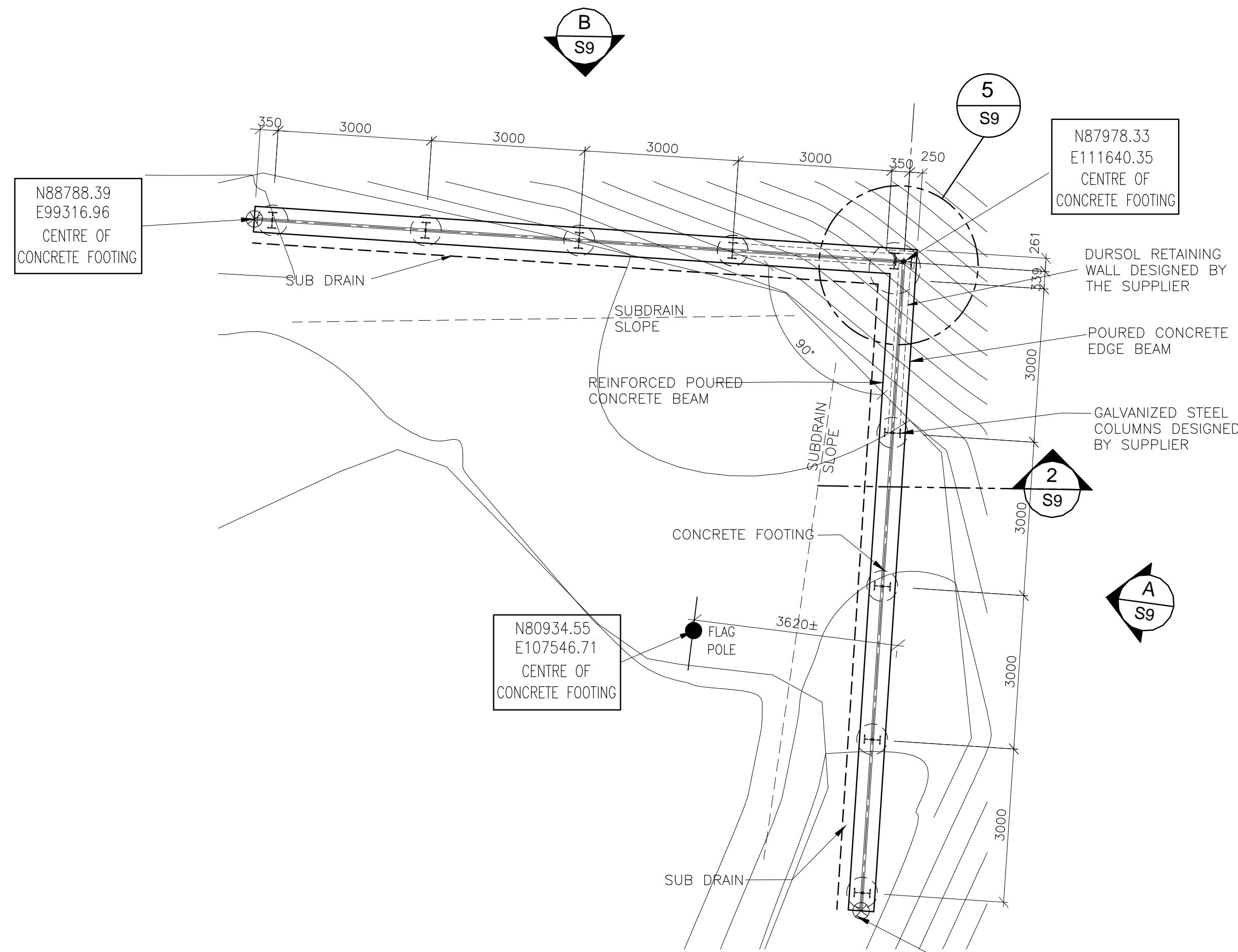


STRUT REINFORCING SECTION
1:20

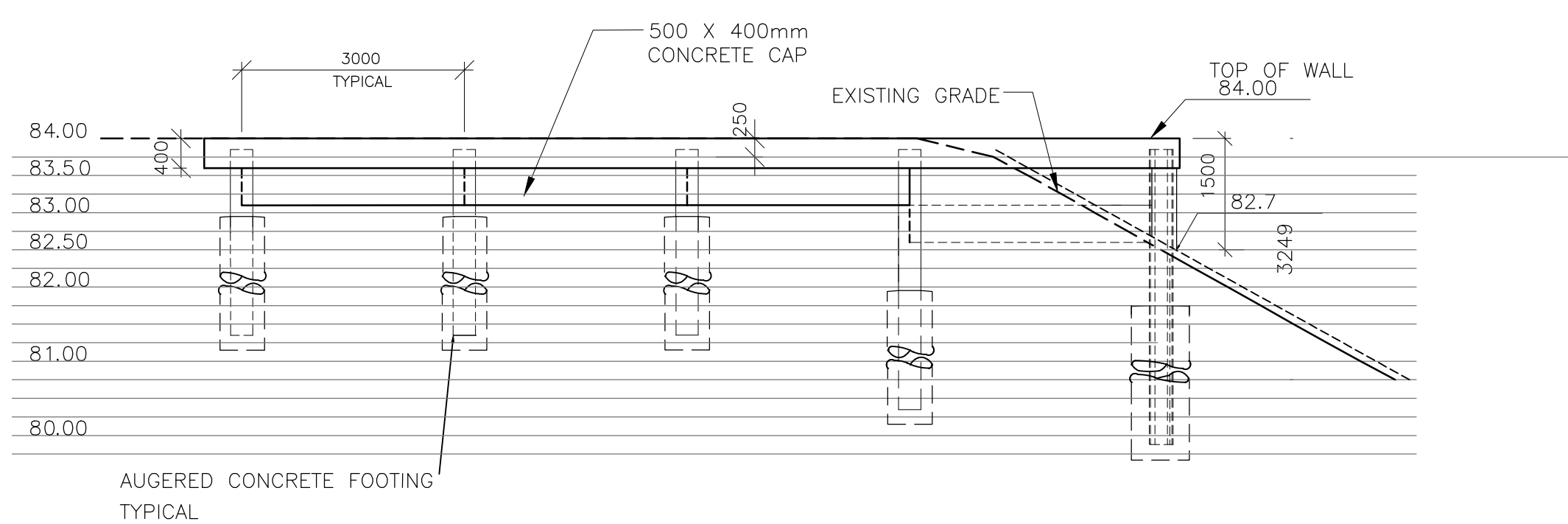
WALL SECTION
1:10

PLAN SECTION
1:10

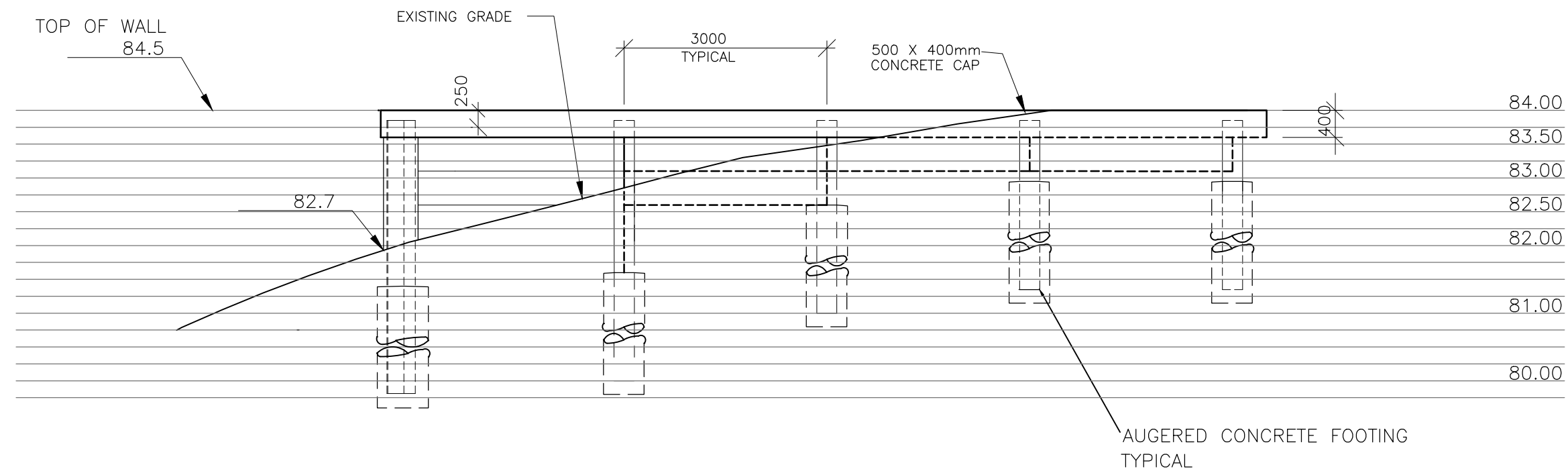
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revision	issued / revisions	date
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B	B Sheet number	B Sur feuille numero
Linear dimensions in millimeters		Dimensions lineaires en millimetres
Client Acceptance / Acceptation du client		
Signature		Date
File No. / No. de dossier		
PARCS CANADA SOUTHWEST ONTARIO FIELD UNIT		
Type of Record / Type d'enregistrement TYPE		
Project title / Titre du projet FORT MISSISSAUGA STABILIZATION PHASE II		
Drawing title / Titre du dessin PLAN AND SECTIONS-SALLY PORT		
Scale / Echelle SCALE: AS NOTED		
Drawn by/ Dessine par MC	Date 2016/04/08	
Field Recording by / Releve-Termin par RG	Date Y/M/D	
Approved by / Approuve par NW	Date 2016/04/08	
Checked by/ Verifie par RG	Date 2016/04/08	
Project No./ No. du projet PRO000808	Asset No. 1300164	Sheet No./ Feuille No. S8
Drawing Reference No./No. du Dessin --/--		



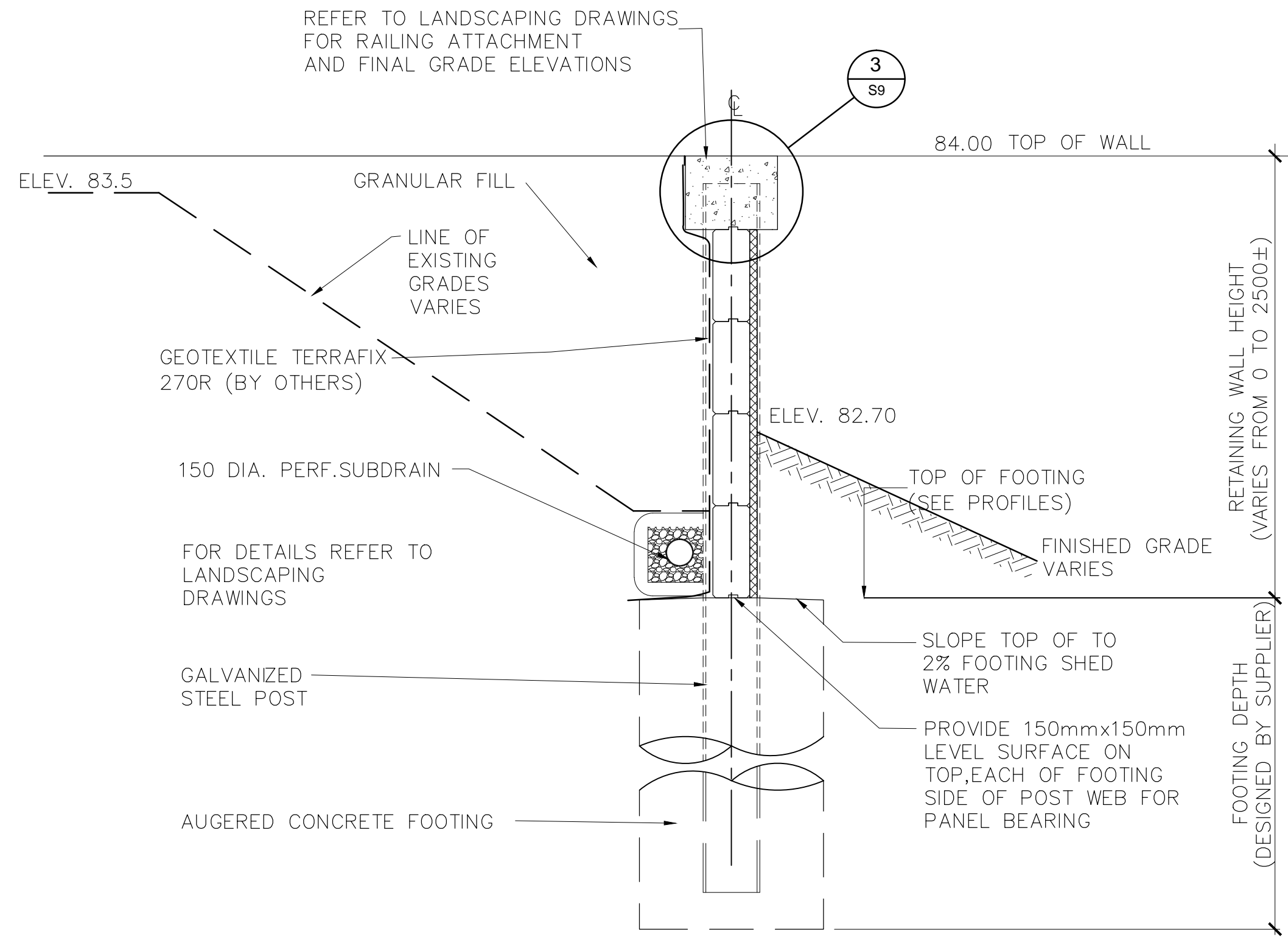
OBSERVATION DECK 1
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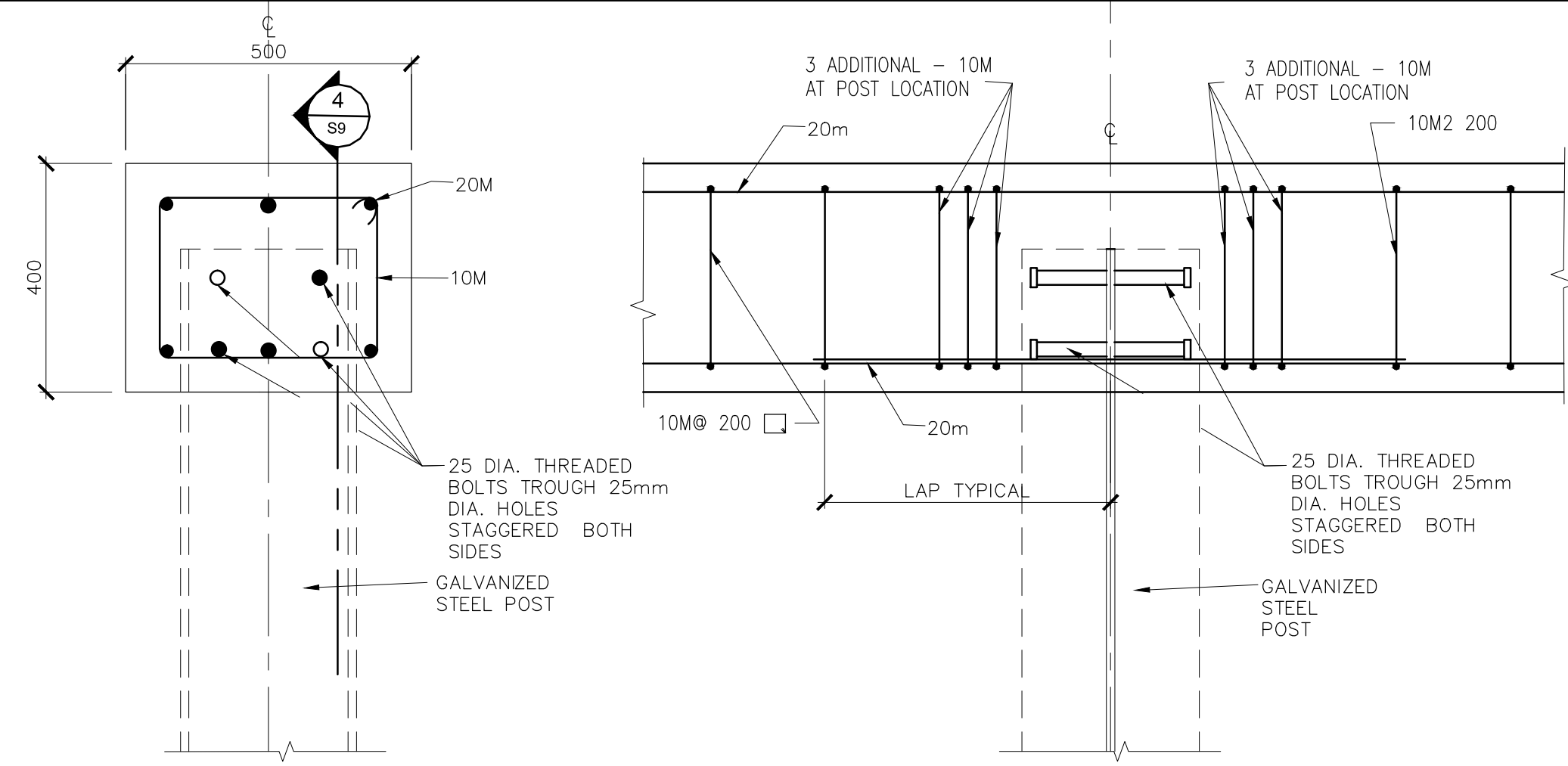
OBSERVATION DECK WALL ELEVATION A
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OBSERVATION DECK WALL ELEVATION B
1:75

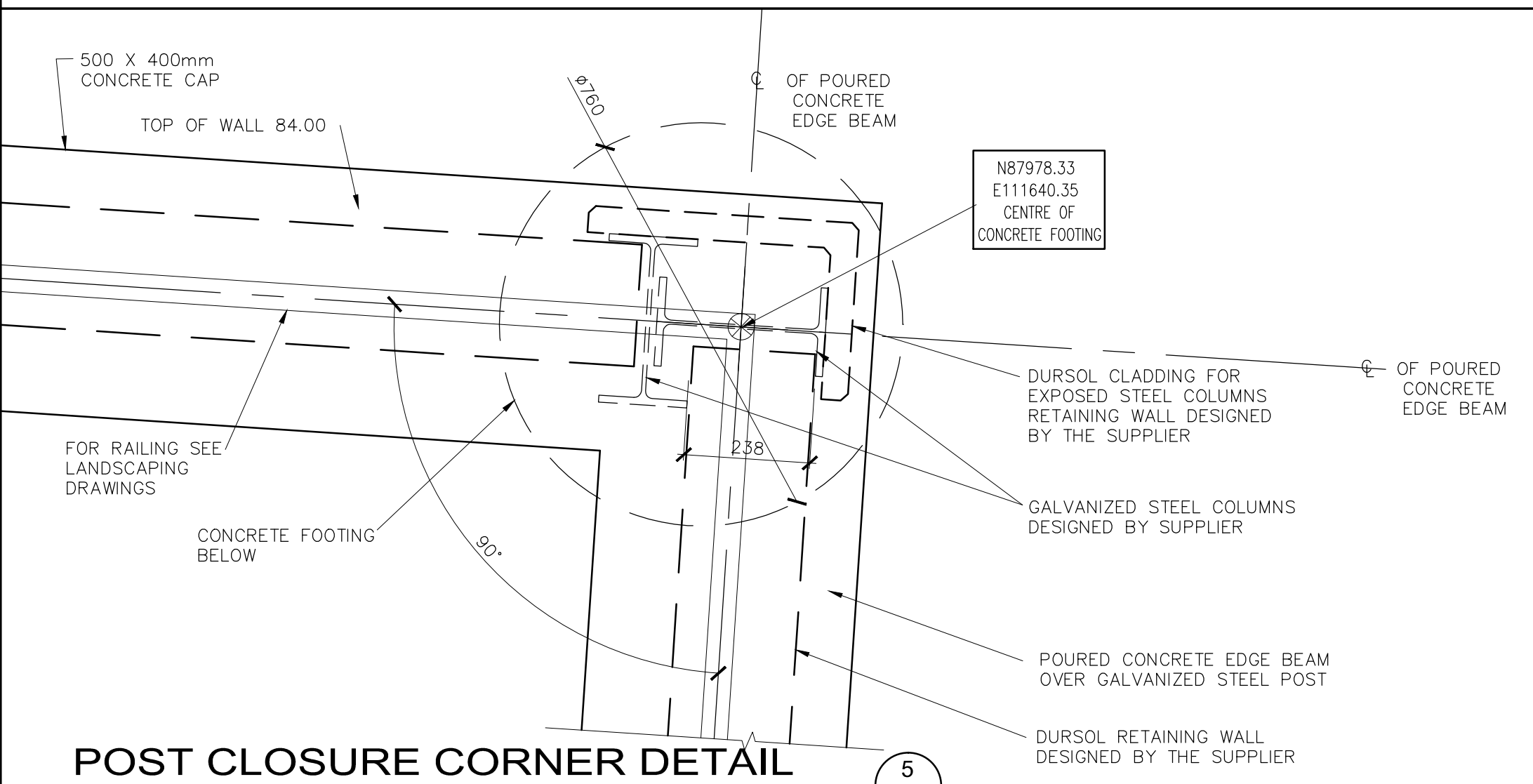


OBSERVATION DECK SECTION DETAIL 2
1:25



CONC. BEAM DETAIL 3
1:10

POST SHEAR STUD DETAIL 4
1:10



POST CLOSURE CORNER DETAIL 5
1:10

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TYPE
Project title / Titre du projet
FORT MISSISSAUGA STABILIZATION PHASE II

Drawing title / Titre du dessin
OBSERVATION DECK

Scale / Echelle
SCALE: AS NOTED

Drawn by/ Dessine par Date
MC 2016/04/08

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Y/M/D

Approved by / Approuve par Date
NW 2016/04/08

Checked by/ Verifie par
RG 2016/04/08

Project No./ No. du projet Asset No. Sheet No./ Feuille No.
PRO000808 1300164 S9

Drawing Reference No./No. du Dessin
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