



GATE SCHEDULE - MISSION MED (MI)							
Phase	Location	Gate No.	Gate Type	New Clear W	New Clear H	Existing Clear Gate Opening W	Existing Clear Gate Opening H
3	MI	12	M	2600	2827		
3	MI	13	E	5000	4627	6480	4890
3	MI	14	E	5000	4627	6480	4700

NOTES

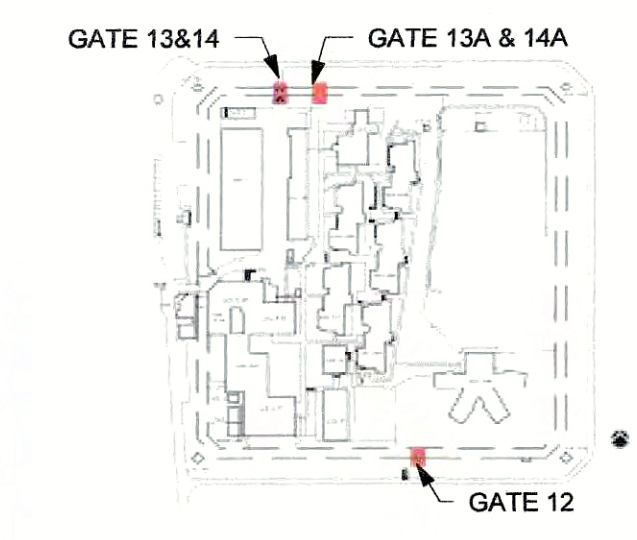
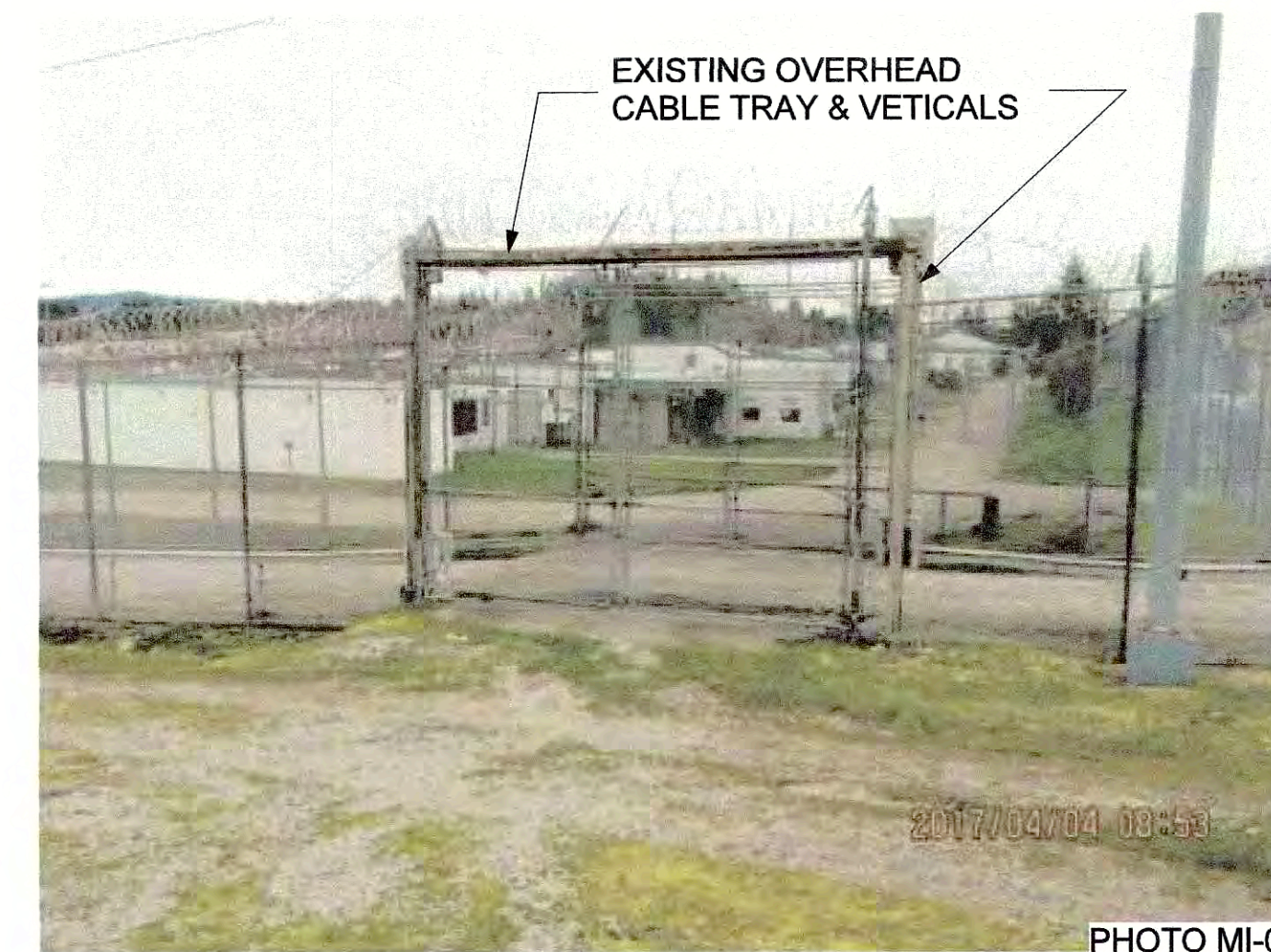
1) REFER TO CIVIL DRAWINGS FOR:
 A) LOCATION OF UNDERGROUND UTILITIES. VERIFY LOCATIONS ON SITE.
 B) NEW CONCRETE FOUNDATION ELEVATIONS
 C) NEW ROAD WORK & TOPOGRAPHY

2) VERIFY ALL EXISTING POSTS LOCATION ON SITE. MAXIMUM DISTANCE BETWEEN CENTRE OF ALL NEW POSTS IS 2400MM. REFER TO SPECIFICATION.

3) SEE DRAWINGS 605 TO 608 FOR TYPICAL TEMPORARY INNER AND OUTER SECURITY FENCING PLANS, ELEVATIONS AND SECTIONS

LEGEND

- UNDERGROUND UTILITIES - DRAINAGE
- UNDERGROUND UTILITIES - ELECTRICAL
- UNDERGROUND UTILITIES - GAS
- UNDERGROUND UTILITIES - WATER
- DEMOLITION - GATE, HEADER & RAZOR WIRES
- DEMOLITION - EXISTING POSTS & FENCE MESH INCLUDING BUT NOT LIMITED TO TOP & BOTTOM RAILS, RAZOR WIRES
- POST & FENCE
- EXISTING LIGHT POLE
- EXISTING SIGN
- NO DIGGING ZONE (TYP 1000 MM FROM BOTH SIDES OF MDS)
- ANTI-TUNNELING COMPACTED GRAVEL
- NEW ROAD (GRAVEL OR ASPHALT SEE CIVIL DWG)
- DOOR TAG & NO FOR TEMPORARY AND PERMANENT GATE



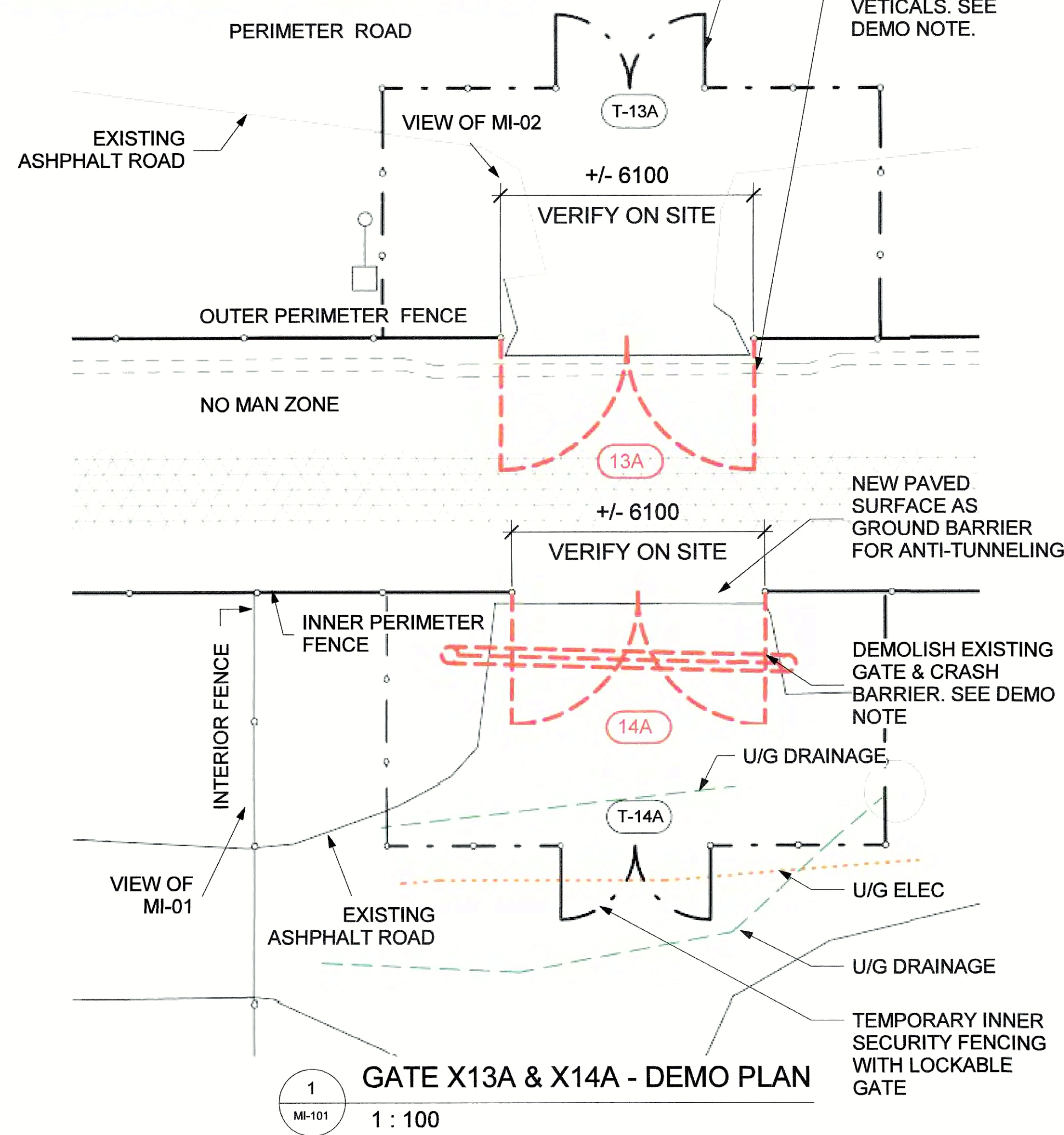
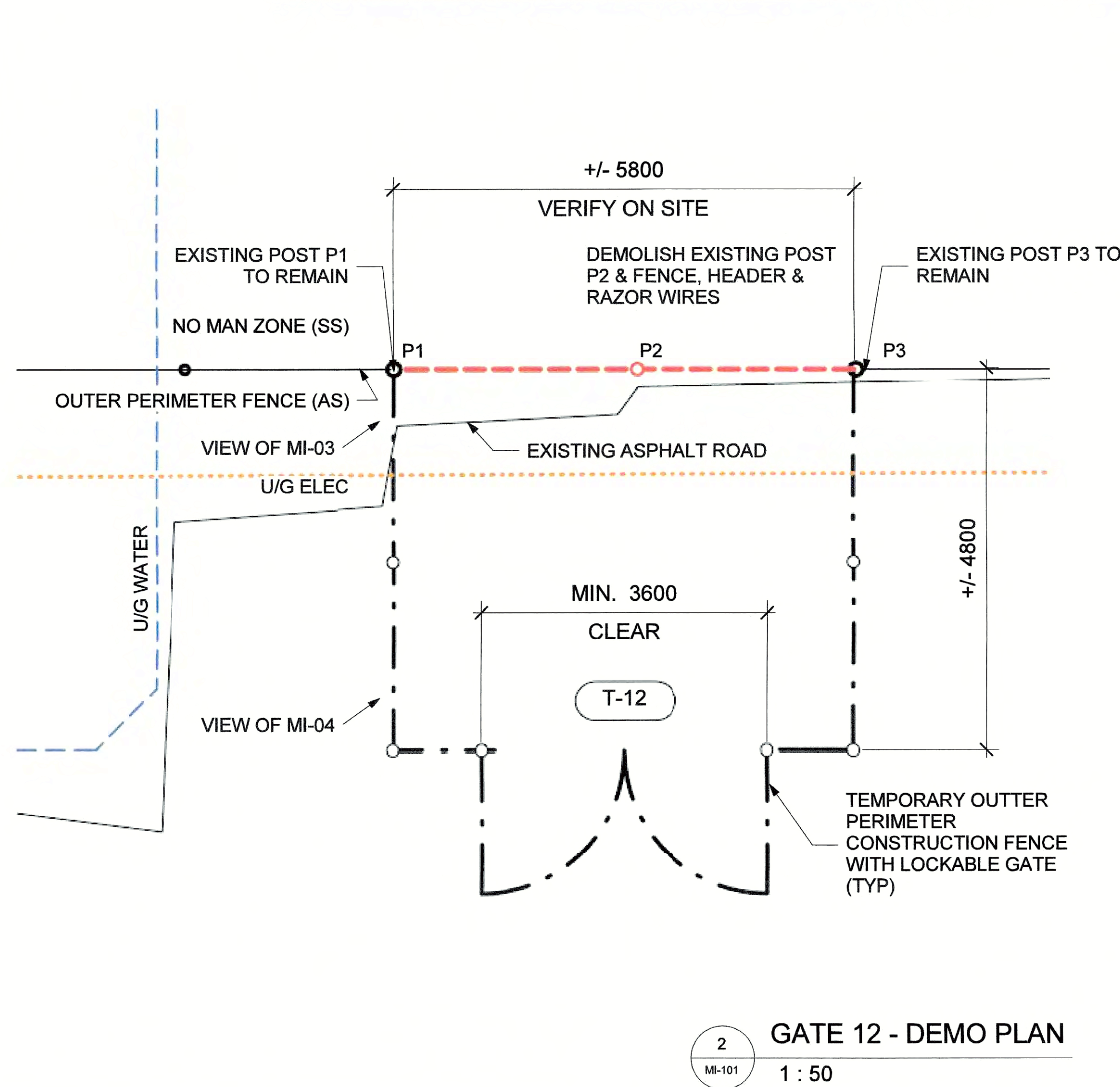
3 KEY PLAN - MI
1 : 5000

GENERAL NOTES
MISSION MEDIUM INSTITUTION EXISTING GATES X13A & X14A

1) DEMOLISH EXISTING GATES X13A & X14A, HEADERS & RAZOR WIRES. INSTALL NEW FENCE FABRIC, NEW POSTS, TOP & BOTTOM RAILS & NEW RAZOR WIRES.

2) ADD 2 NEW POSTS IN BETWEEN EXISTING OPENING WITH EQUAL FENCE PANELS. VERIFY ALL DIMENSIONS ON SITE. MAXIMUM DISTANCE BETWEEN 2 NEW FENCE POSTS IS 2400MM.

3) REVIEW DEMOLITION SEQUENCE WITH DEPARTMENTAL REPRESENTATIVE & OBTAIN APPROVAL PRIOR TO COMMENCEMENT OF WORK.



Revision/Revision	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	JUN 22, 2020

CORRECTIONAL SERVICE CANADA

PACIFIC REGION PERIMETER FENCE UPGRADES

MISSION MEDIUM INSTITUTION GATE 12 & EXISTING GATES - DEMOLITION PLANS & PHOTOS

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
R.071529.001	MI-101	

NOTES

- REFER TO CIVIL DRAWINGS FOR:
A) LOCATION OF UNDERGROUND UTILITIES. VERIFY LOCATIONS ON SITE.
B) NEW CONCRETE FOUNDATION ELEVATIONS
C) NEW ROAD WORK & TOPOGRAPHY
- VERIFY ALL EXISTING POSTS LOCATION ON SITE. MAXIMUM DISTANCE BETWEEN CENTRE OF ALL NEW POSTS IS 2400MM. REFER TO SPECIFICATION.
- SEE DRAWINGS 605 TO 608 FOR TYPICAL TEMPORARY INNER AND OUTER SECURITY FENCING PLANS, ELEVATIONS AND SECTIONS

LEGEND

- UNDERGROUND UTILITIES - DRAINAGE
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- UNDERGROUND UTILITIES - GAS
- UNDERGROUND UTILITIES - WATER
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- DEMOLITION - EXISTING POSTS & FENCE MESH INCLUDING BUT NOT LIMITED TO TOP & BOTTOM RAILS, RAZOR WIRES
- POST & FENCE
- EXISTING LIGHT POLE
- EXISTING SIGN
- NO DIGGING ZONE (TYP 1000 MM FROM BOTH SIDES OF MDS)
- ANTI-TUNNELING COMPACTED GRAVEL
- NEW ROAD (GRAVEL OR ASPHALT SEE CIVIL DWG)
- DOOR TAG & NO FOR TEMPORARY AND PERMANENT GATE

U/G ELEC TRENCH PHOTOS



PHOTO MI-H



PHOTO MI-G

U/G ELEC TRENCH CONSTRUCTION PHOTOS



PHOTO MI-F



PHOTO MI-E

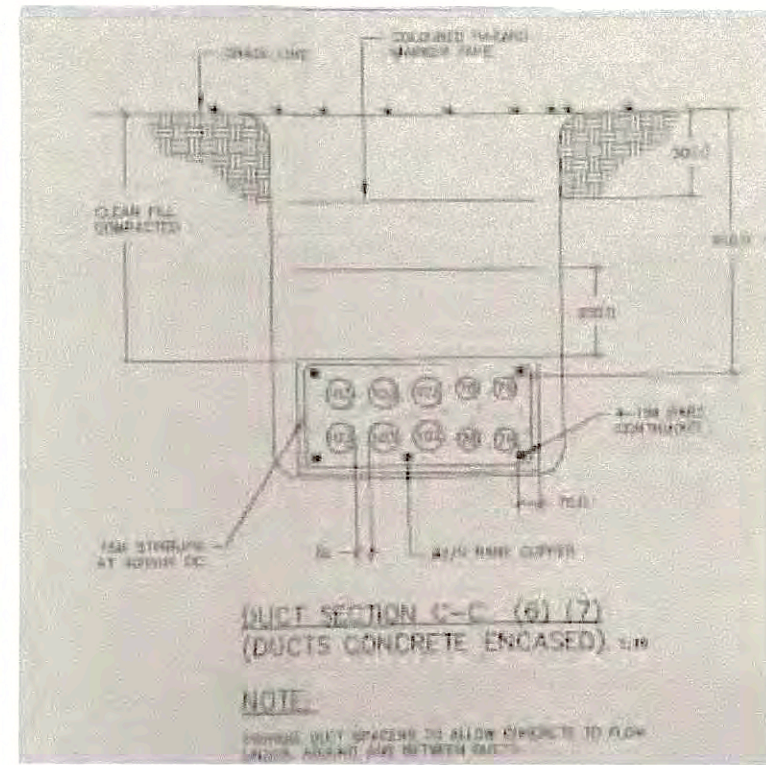


PHOTO MI-D

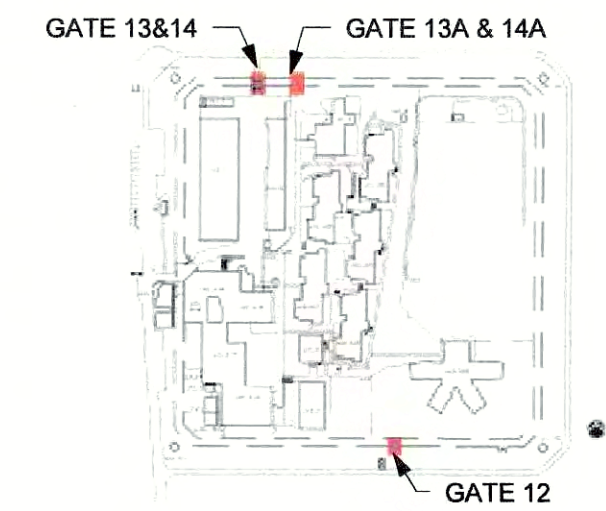


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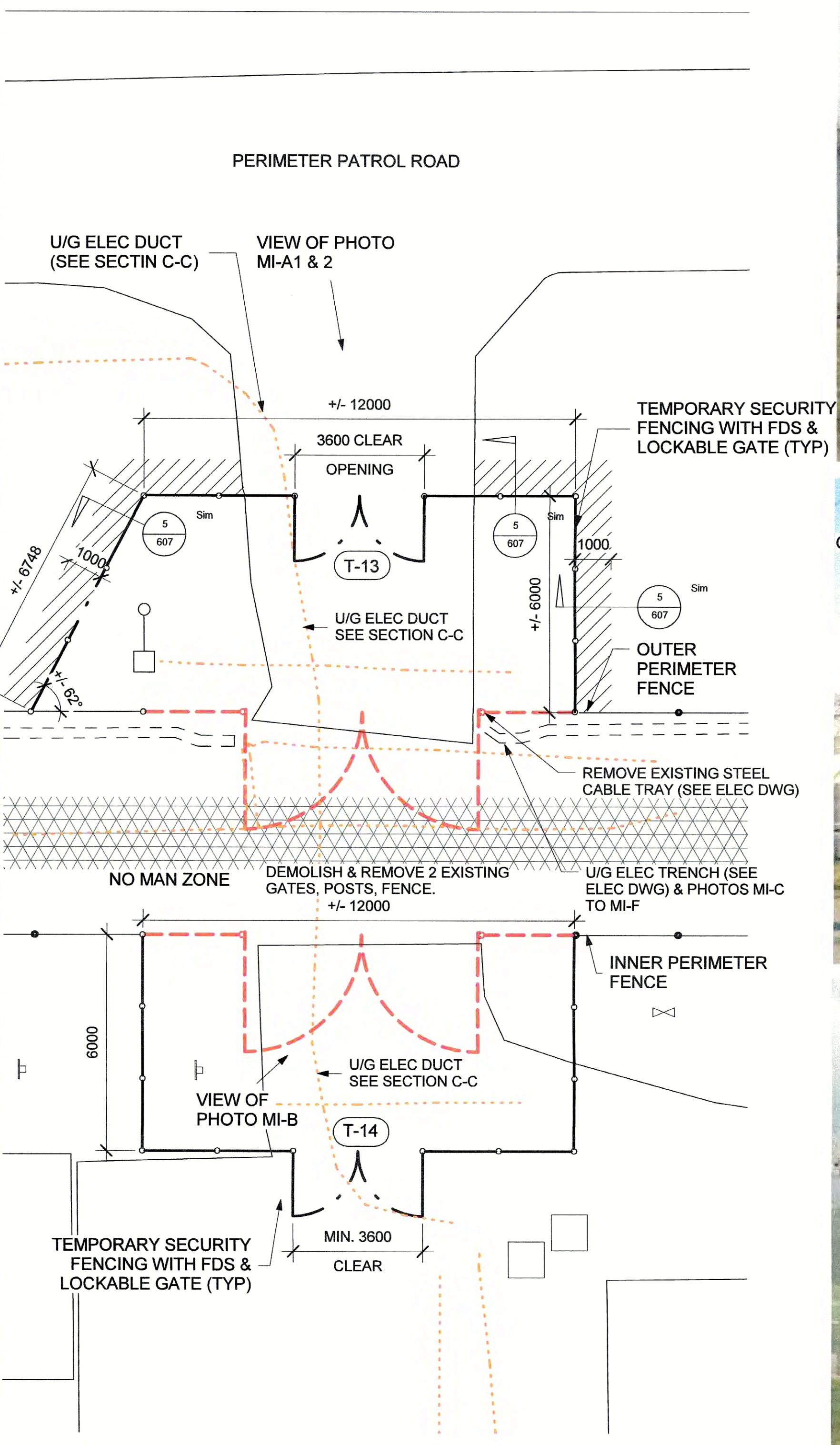
U/G ELEC DUCT SECTION C-C



GATE SCHEDULE - MISSION MED (MI)							
Phase	Location	Gate No.	Gate Type	New Clear W	New Clear H	Existing Clear Gate Opening W	Existing Clear Gate Opening H
3	MI	12	M	2600	2827		
3	MI	13	E	5000	4627	6480	4890
3	MI	14	E	5000	4627	6480	4700



2 KEY PLAN - MI
MI-102 1: 5000



1 Gate 13 & 14 - DEMO PLAN
MI-102 1: 100



PHOTO MI-A1

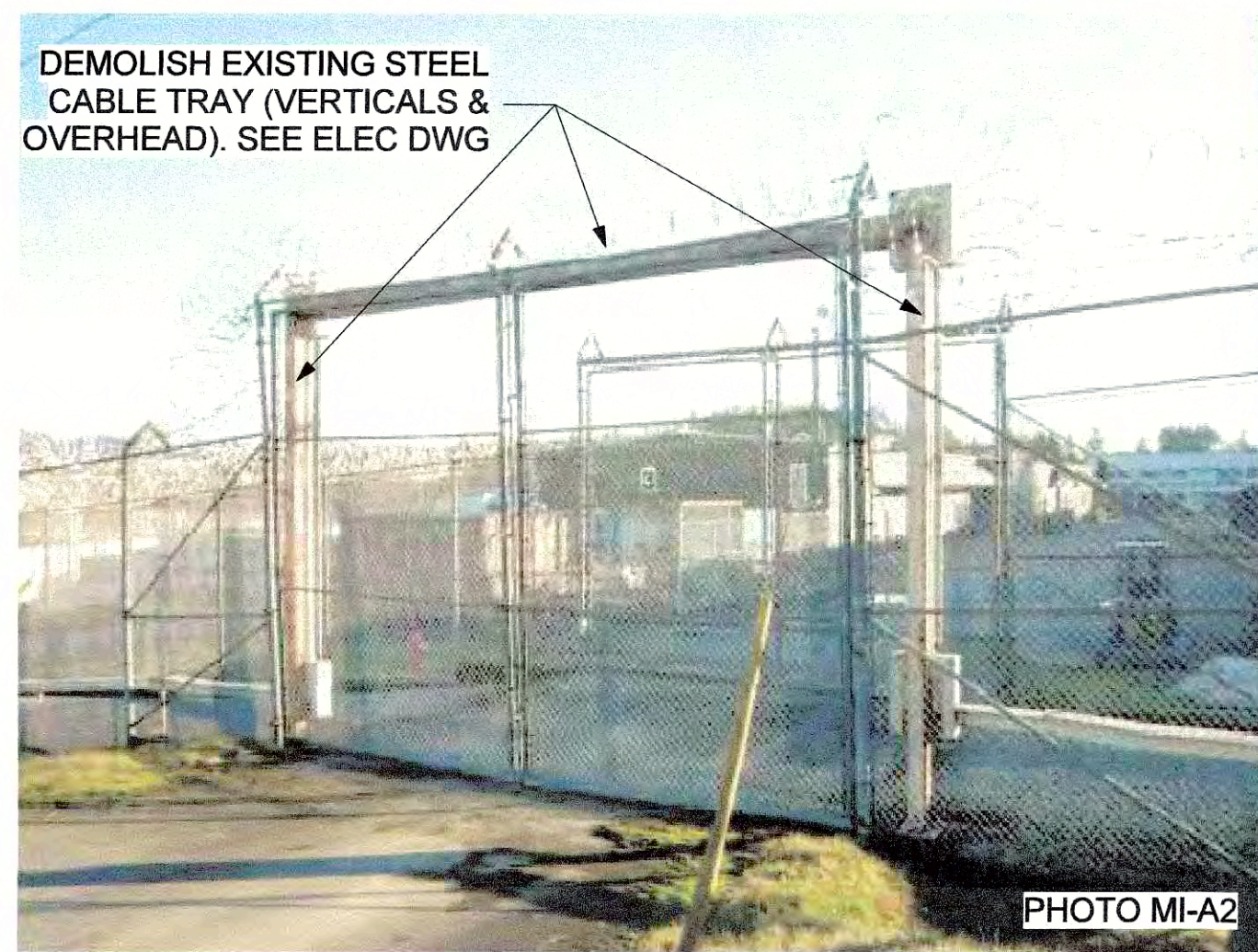
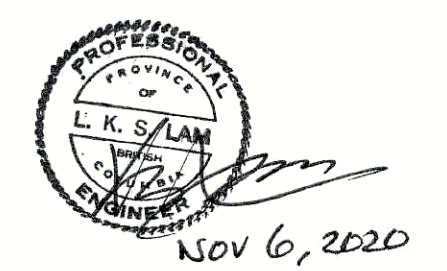


PHOTO MI-A2



PHOTO MI-B

CENTER OF NEW GATE OPENING TO MATCH CENTER OF EXISTING INNER PERIMETER GATE



Revision/Revison	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	JUN 22, 2020

CORRECTIONAL SERVICE CANADA

PACIFIC REGION PERIMETER FENCE UPGRADES

MISSION MEDIUM INSTITUTION GATE 13 & 14 NEW PLANS & PHOTOS

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
R.071529.001	MI-102	

GATE SCHEDULE - MISSION MED (MI)							
Phase	Location	Gate No.	Gate Type	New Clear W	New Clear H	Existing Clear Gate Opening W	Existing Clear Gate Opening H
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3	MI	13	E	5000	4627	6480	4890
3	MI	14	E	5000	4627	6480	4700

NOTES

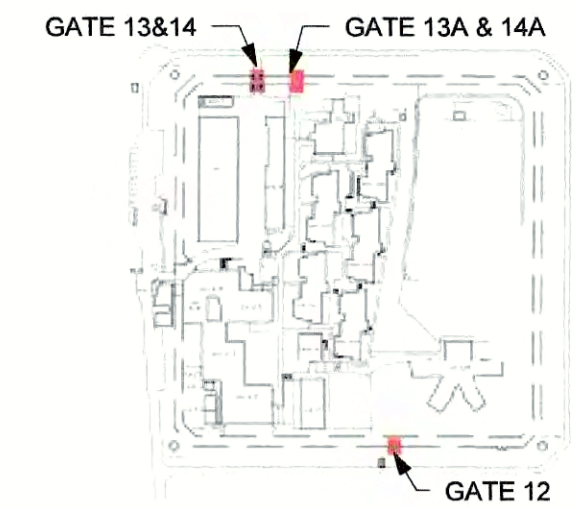
1) REFER TO CIVIL DRAWINGS FOR:
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 C) NEW ROAD WORK & TOPOGRAPHY

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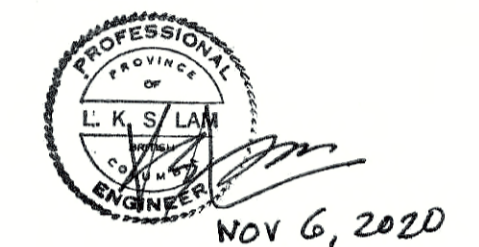
3) SEE DRAWINGS 605 TO 608 FOR TYPICAL TEMPORARY INNER AND OUTER SECURITY FENCING PLANS, ELEVATIONS AND SECTIONS

LEGEND

- UNDERGROUND UTILITIES - DRAINAGE
- UNDERGROUND UTILITIES - ELECTRICAL
- UNDERGROUND UTILITIES - GAS
- UNDERGROUND UTILITIES - WATER
- M DEMOLITION - GATE, HEADER & RAZOR WIRES
- DEMOLITION - EXISTING POSTS & FENCE MESH INCLUDING BUT NOT LIMITED TO TOP & BOTTOM RAILS, RAZOR WIRES
- POST & FENCE
- EXISTING LIGHT POLE
- ⊥ EXISTING SIGN
- NO DIGGING ZONE (TYP 1000 MM FROM BOTH SIDES OF MDS)
- ANTI-TUNNELING COMPACTED GRAVEL
- NEW ROAD (GRAVEL OR ASPHALT SEE CIVIL DWG)
- (T-1) (1) DOOR TAG & NO FOR TEMPORARY AND PERMANENT GATE



3 KEY PLAN - MI
 MI-103 1 : 5000



Revision/Revision	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	18/11/20

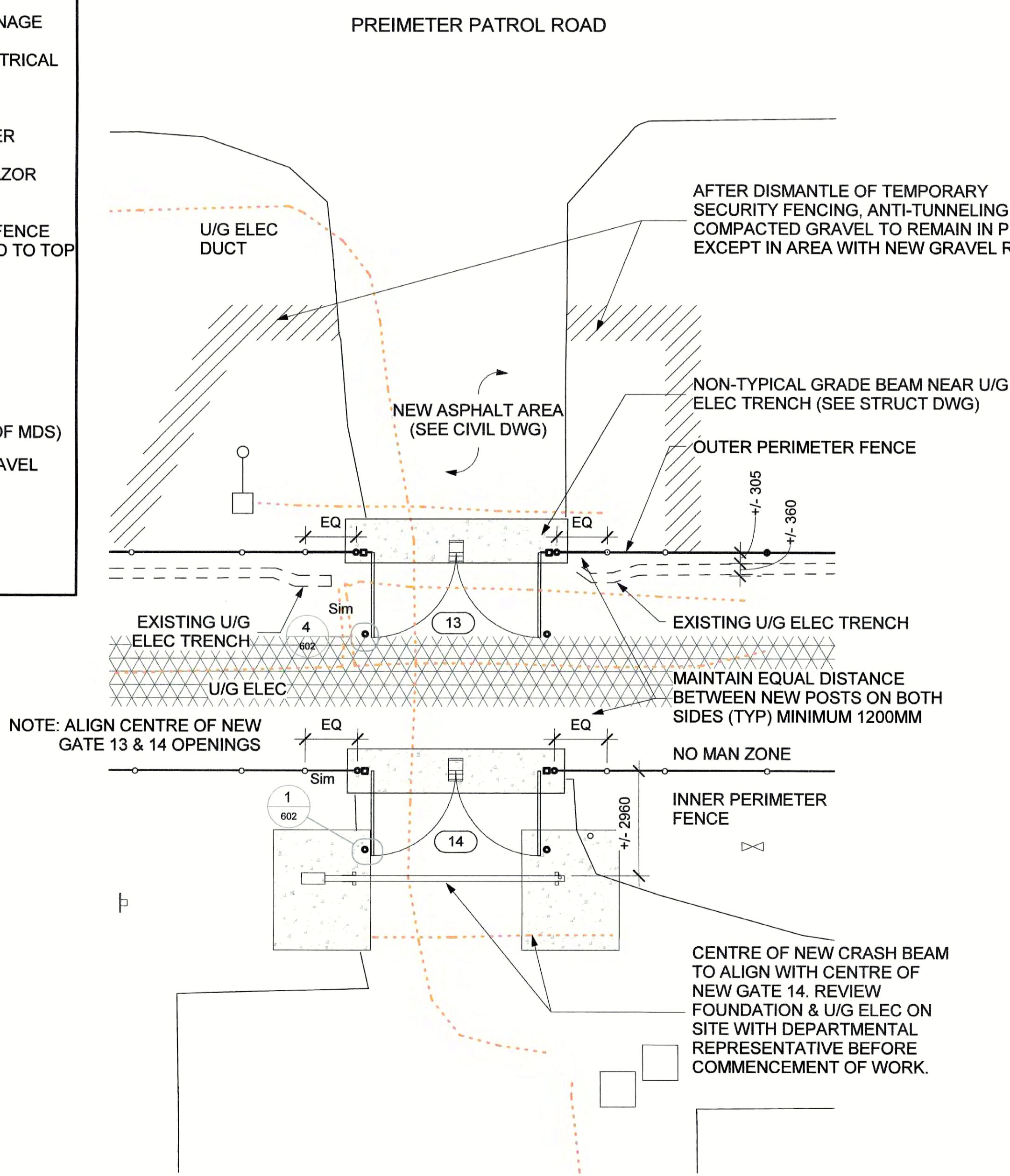
Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
PACIFIC REGION PERIMETER FENCE UPGRADES

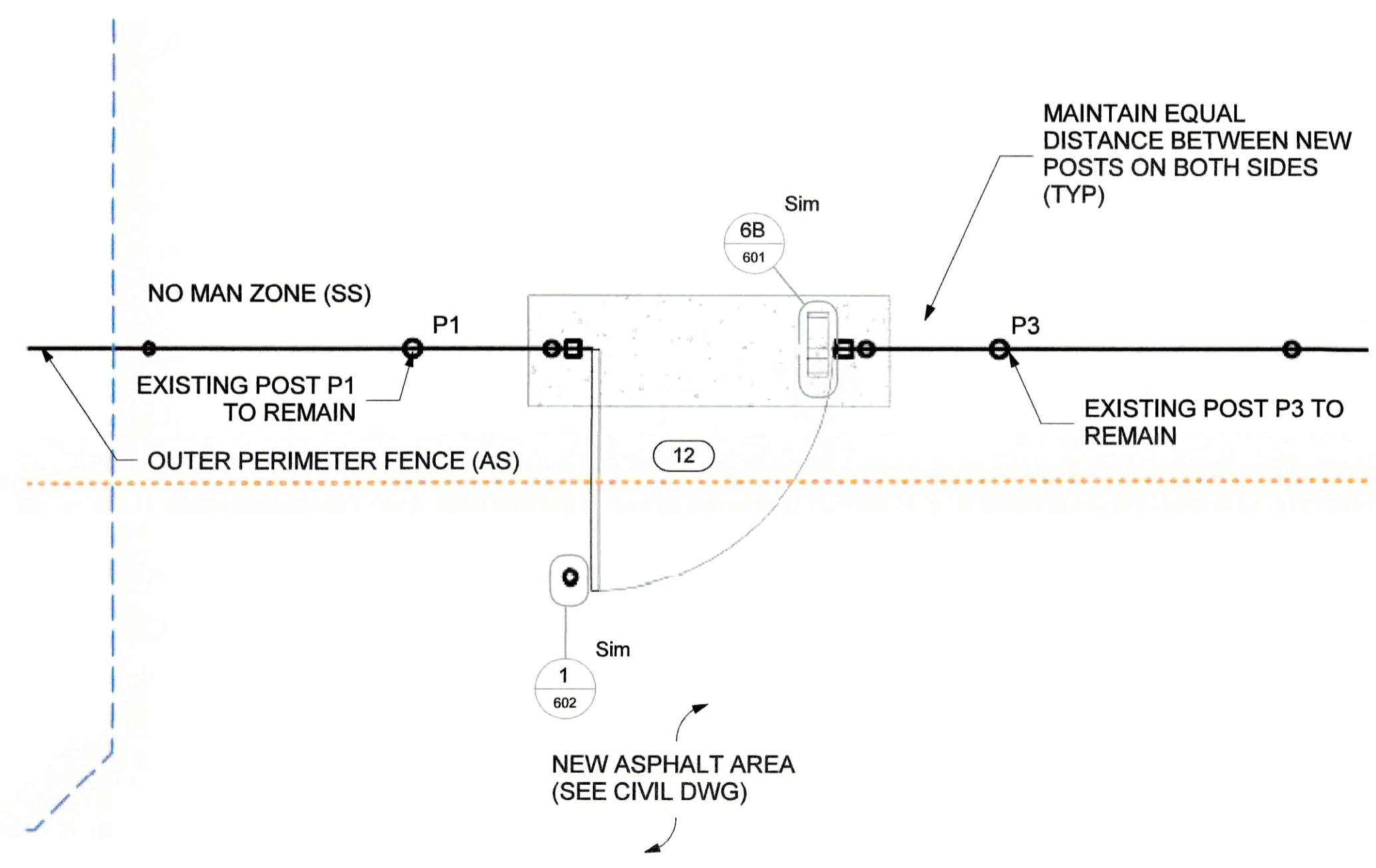
Consultant Approval Box Only
 Designed by/Concept par: DD
 Drawn by/Dessine par: DD
 PWGSC Project Manager/Administrateur de Projets TFSGC: DARYL SINCLAIR / TONY TANG
 PWGSC, Regional Manager, Architectural and Engineering Services/Gestionnaire régionale, Services d'architectural et de génie, TFSGC: PREETIPAL PAUL

Drawing title/Titre du dessin
MISSION MEDIUM INSITUATION GATE 12, 13 & 14 - NEW PLANS

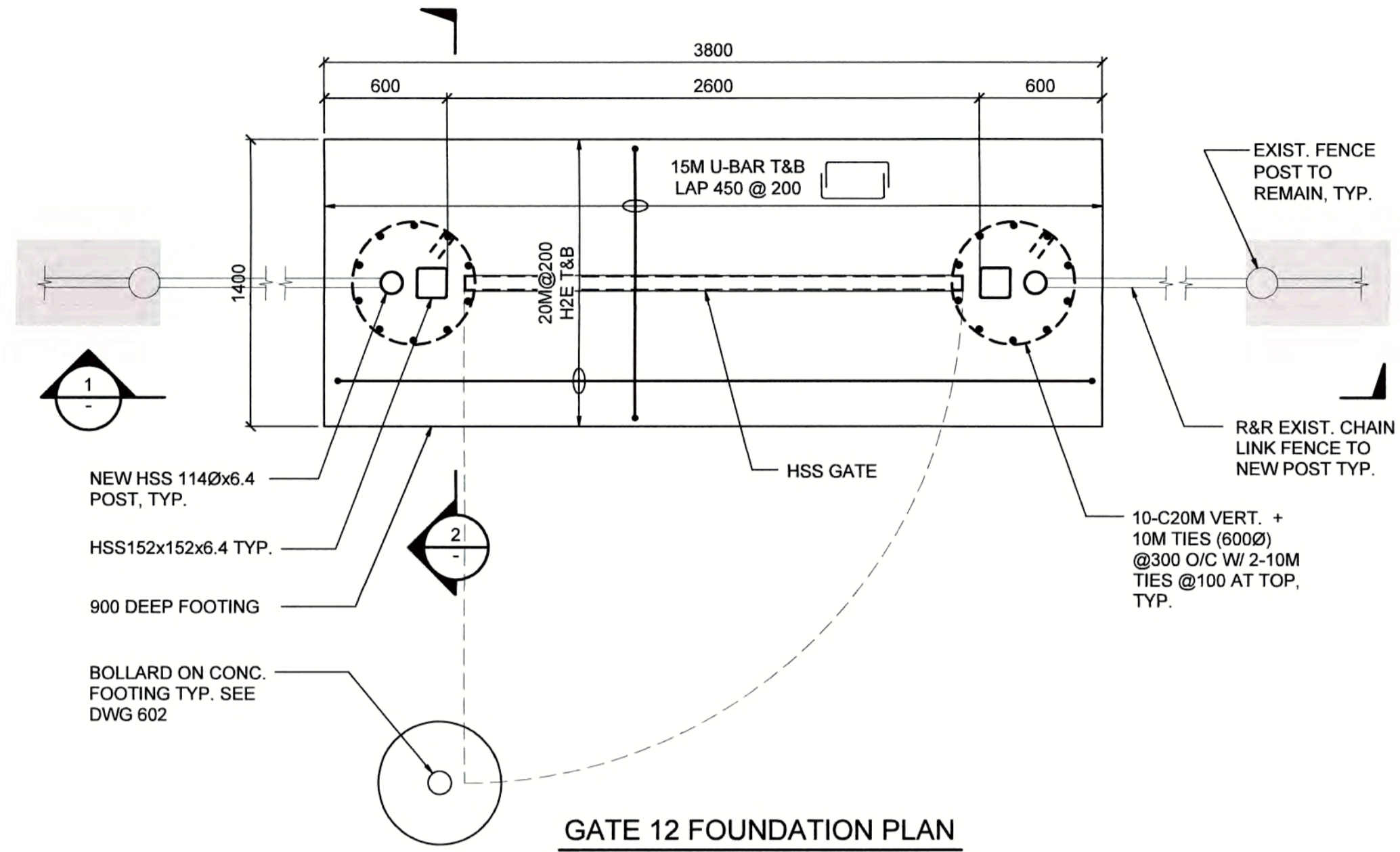
Project No./No. du projet R.071529.001	Sheet/ Feuille MI-103	Revision no./La Révision no.
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2 Gate 13 & 14 - NEW PLAN
 MI-103 1 : 100



1 GATE 12 - NEW PLAN
 MI-103 1 : 50



ASSUME SOIL BEARING:
SLS 50 kPa
ULS 75 kPa

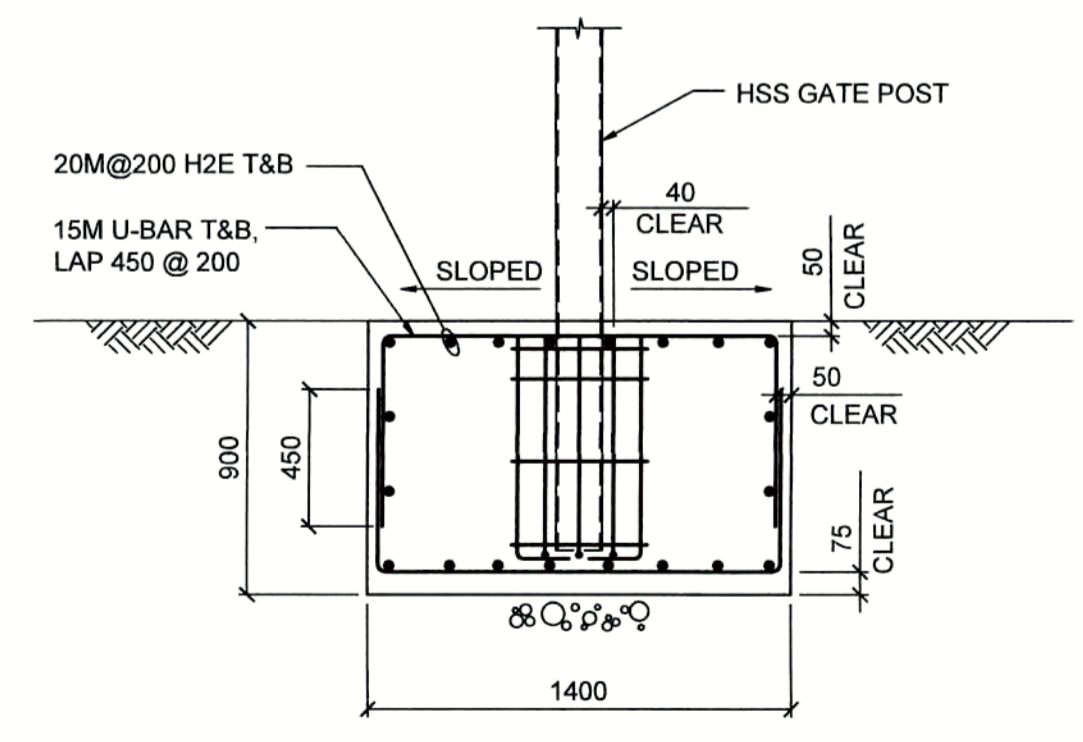
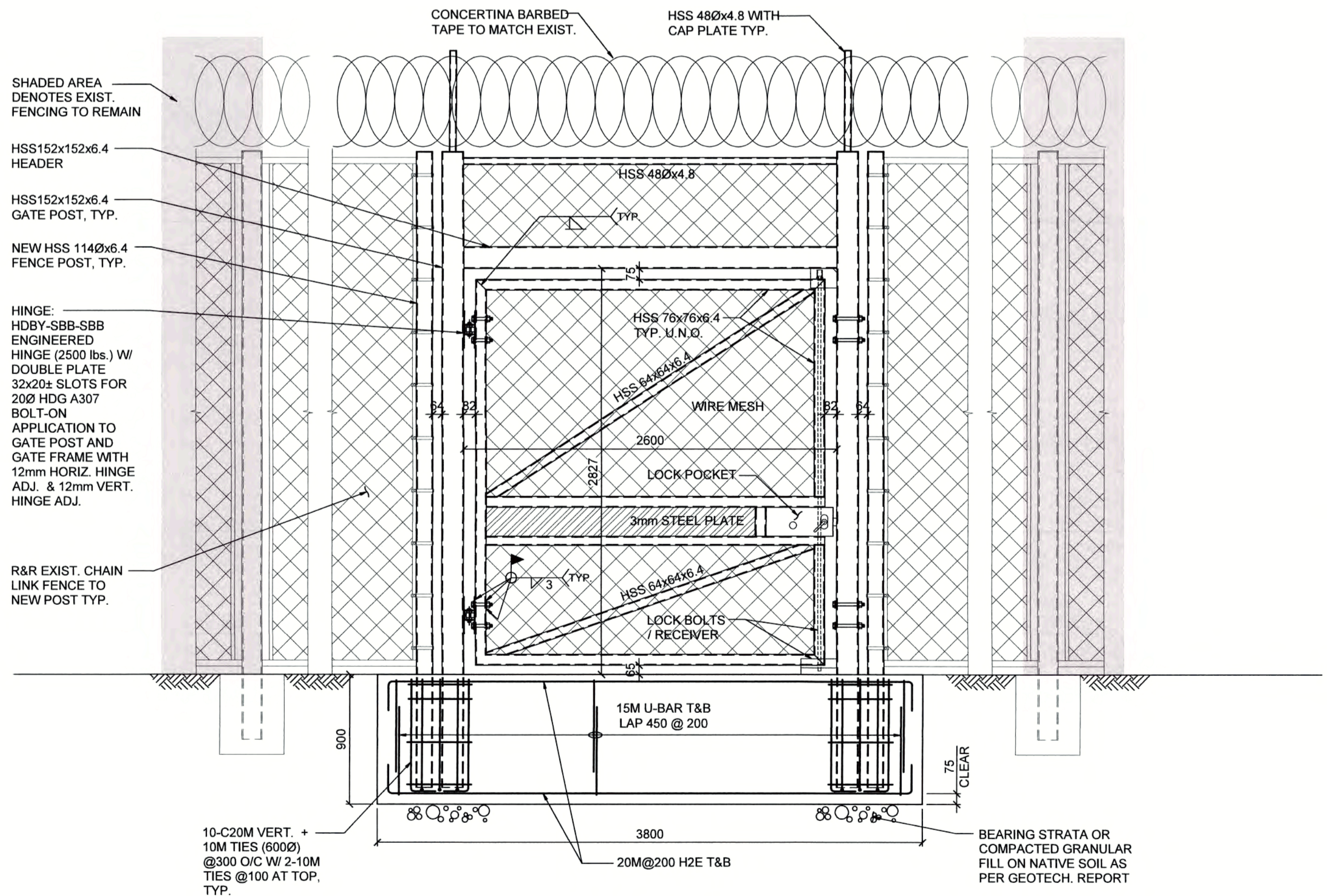
CALL DESIGNATED GEOTECH. CONSULTANT FOR SOIL BEARING CONFIRMATION
SUBGRADE MODULUS = 4500 kN/m³

CONTRACTOR SHALL PAY FOR THE ABOVE SERVICES

CONCRETE GRADE:
f_c' = 40 MPa (CATEGORY C1)

- NOTES:
- ALL HSS MEMBERS, BOLTS & NUTS AND ACCESSORIES SHALL BE HOT DIPPED GALVANIZED TO 600 g/m², "HDG" DENOTES HOT DIPPED GALVANIZED.
 - TOUCH UP ALL FIELD WELDED AREA WITH APPROVED ZINC RICH PAINT.
 - SEE ARCH. FOR GATE LOCK & GATE BOTTOM BOLT RECEIVER DETAILS
 - SEE ARCH. DRAWING 601 TO 603 FOR GATE DIMENSIONS & DETAILS.

PROFESSIONAL ENGINEER
L. K. S. LAM
NOV 6, 2020



Revision/Revision	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	2020/06/30

Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Approval Box Only

Designed by/Concept par
LL

Drawn by/Dessiné par
CAD

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR / TONY TANG

PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régional, Services d'architecture et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

MISSION MEDIUM INSTITUTION GATE 12 PLAN & DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	MI-S201	3

12920





ASSUME SOIL BEARING:
SLS 50 kPa
ULS 75 kPa

CALL DESIGNATED GEOTECH. CONSULTANT FOR SOIL BEARING CONFIRMATION
SUBGRADE MODULUS = 4500 kN/m²

CONTRACTOR SHALL PAY FOR THE ABOVE SERVICES

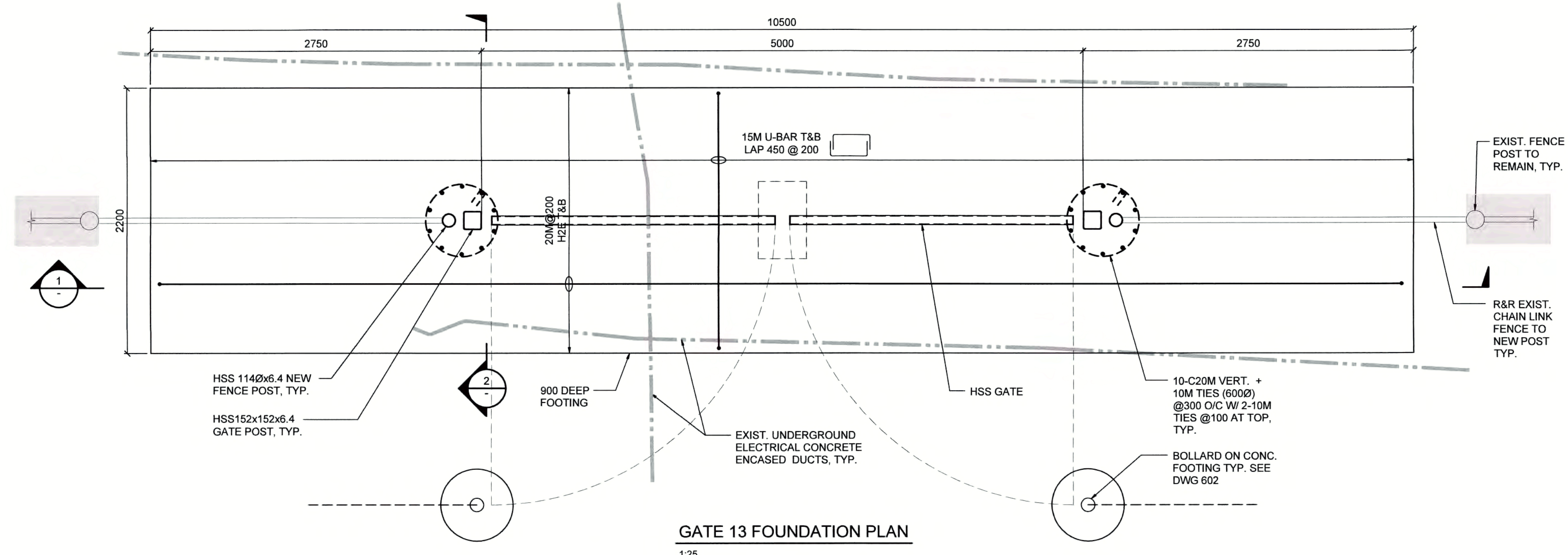
CONCRETE GRADE:
f_c = 40 MPa (CATEGORY C1)

NOTES:

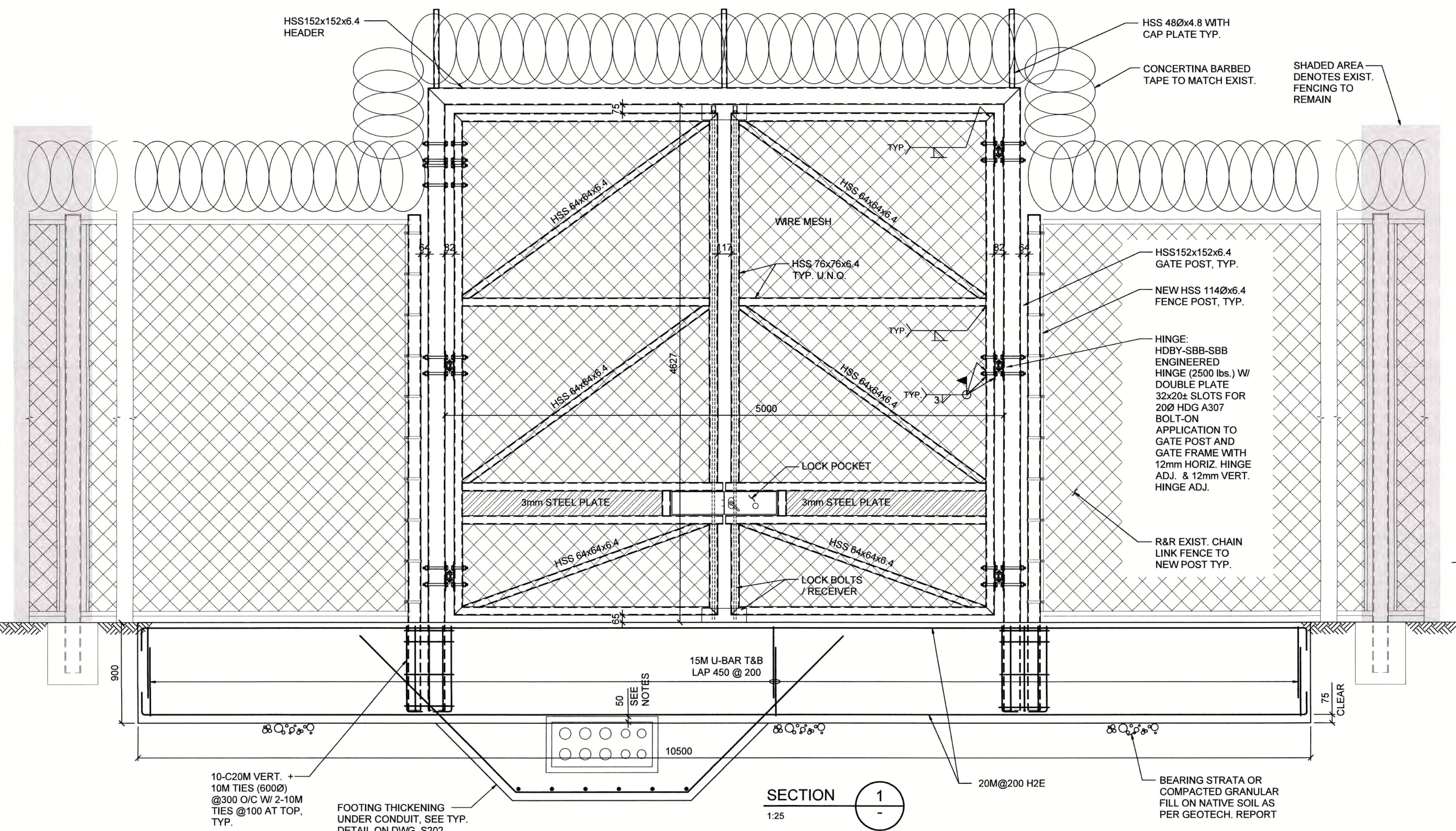
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- TOUCH UP ALL FIELD WELDED AREA WITH APPROVED ZINC RICH PAINT.
- SEE ARCH. FOR GATE LOCK & GATE BOTTOM BOLT RECEIVER DETAILS
- SEE ARCH. DRAWING 601 TO 603 FOR GATE DIMENSIONS & DETAILS.

NOTES FOR UNDERGROUND CONDUIT:

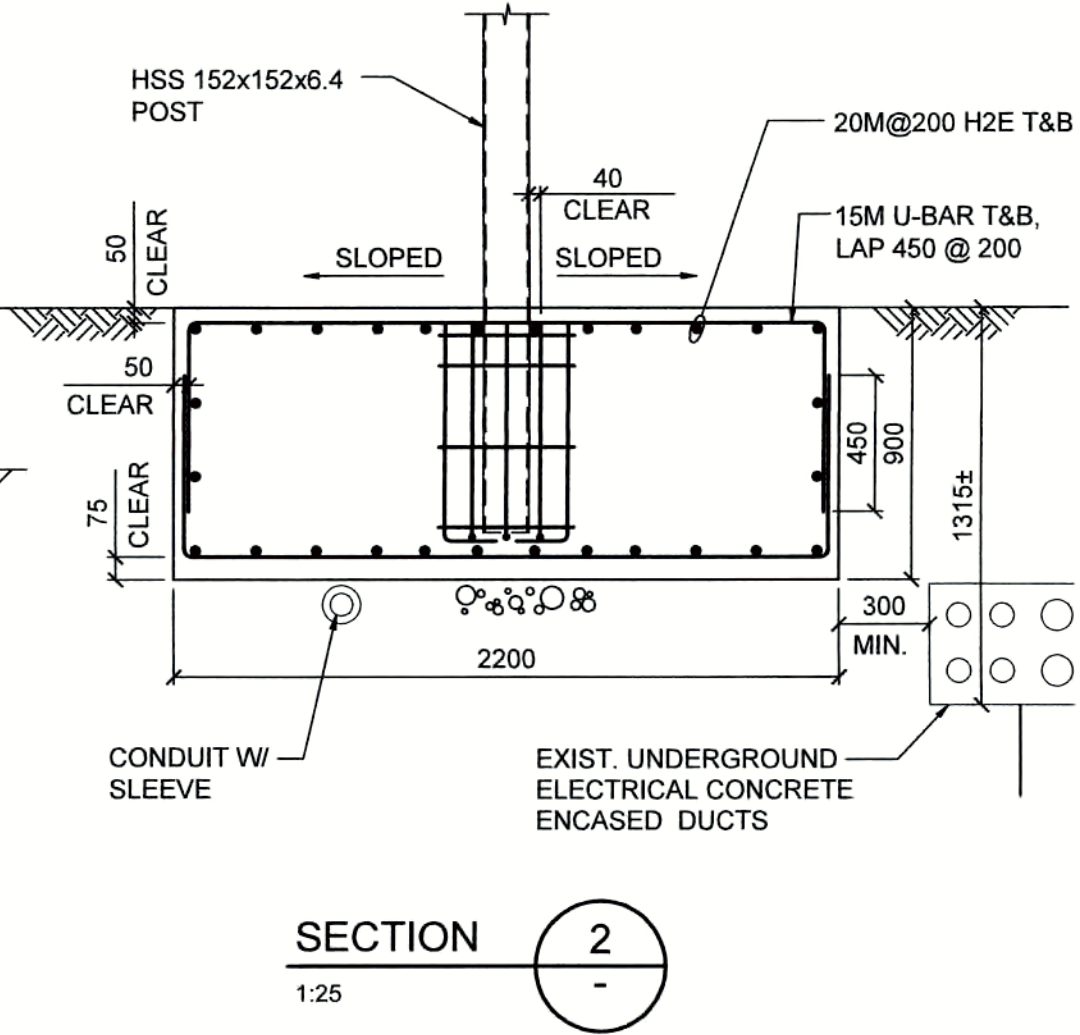
- 50 THK. COMPRESSIBLE MATERIAL INFILL AROUND CONDUIT & CONC. ENCASE DUCT.
- SEE ELECTRICAL DRAWING FOR ADDITIONAL REQUIREMENT.
- FOR EXIST. ELECTRICAL CONDUIT LARGER THAN 75mmØ AND CONCRETE ENCASED DUCTS, CONTACT STRUCTURAL ENGINEER IMMEDIATELY AFTER EXPOSING THE EXISTING ELECTRICAL UTILITY FOR REVIEW AND APPROVAL PRIOR TO REINFORCEMENT AND FORMWORK PLACEMENT.
- ADDITIONAL REINFORCEMENT REQUIREMENT WILL BE REQUIRED AFTER CONFIRMATION OF UNDERGROUND UTILITY SIZE.



GATE 13 FOUNDATION PLAN
1:25



SECTION 1
1:25



SECTION 2
1:25

Revision/Revision	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	2020/06/30

Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Approval Box Only

Designed by/Concept par
LL

Drawn by/Dessiné par
CAD

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR / TONY TANG

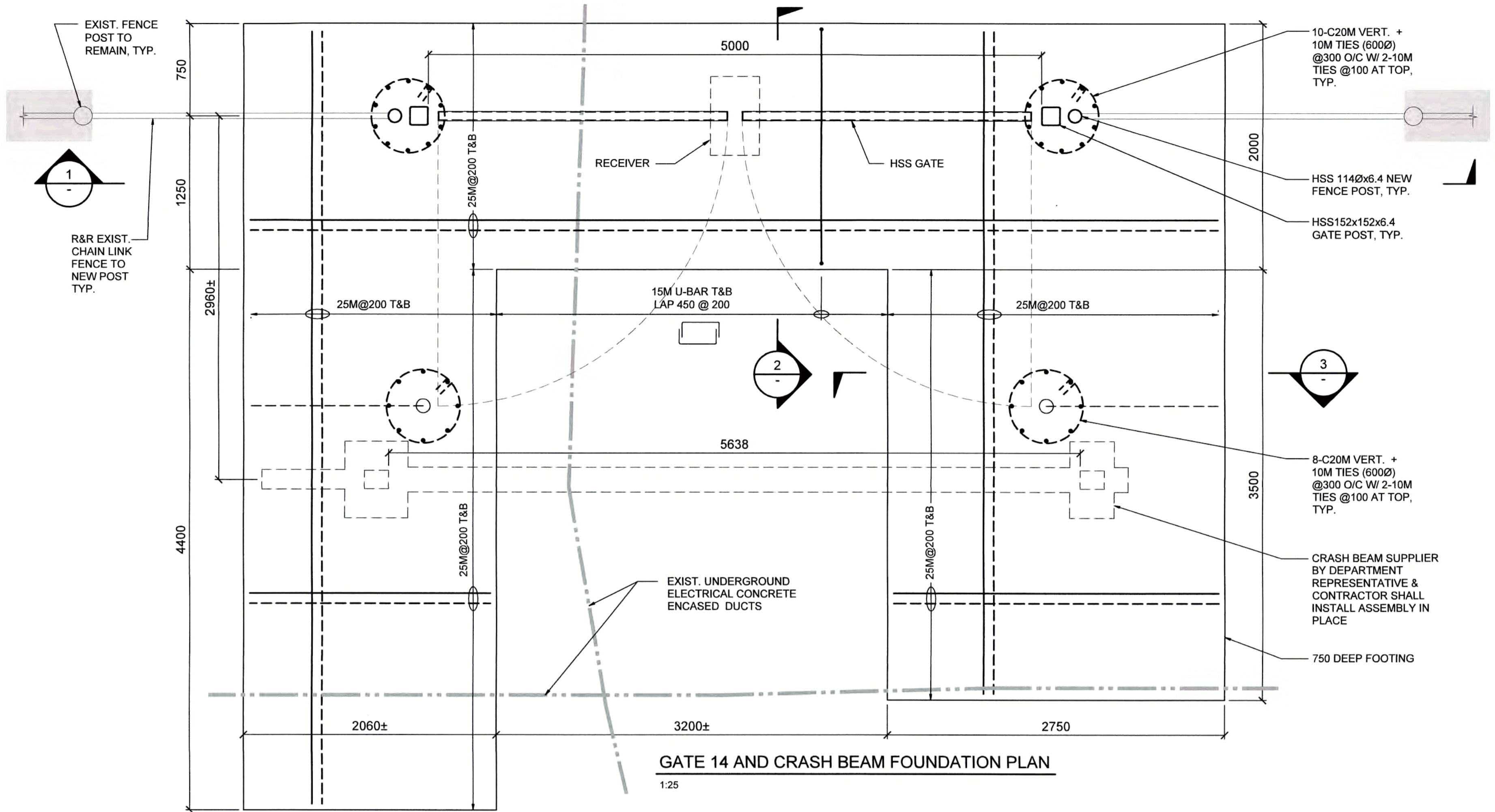
PWGSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

**MISSION MEDIUM INSTITUTION
GATE 13
PLAN & DETAILS**

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.071529.001	MI-S202	3





GATE 14 AND CRASH BEAM FOUNDATION PLAN
1:25

ASSUME SOIL BEARING:
SLS 50 kPa
ULS 75 kPa

CALL DESIGNATED GEOTECH. CONSULTANT FOR SOIL BEARING CONFIRMATION
SUBGRADE MODULUS = 4500 kN/m³

CONTRACTOR SHALL PAY FOR THE ABOVE SERVICES

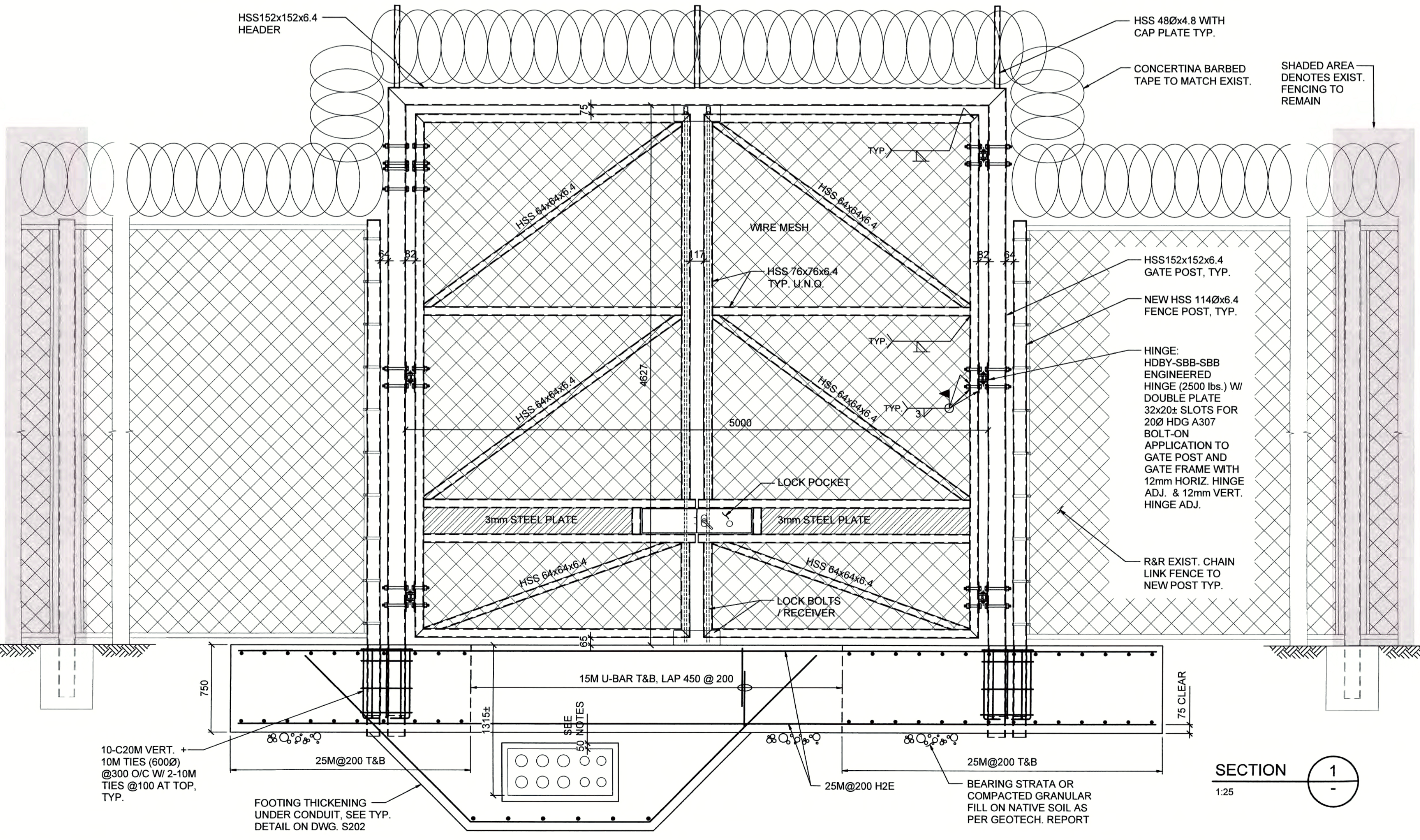
CONCRETE GRADE:
f_c = 40 MPa (CATEGORY C1)

NOTES:

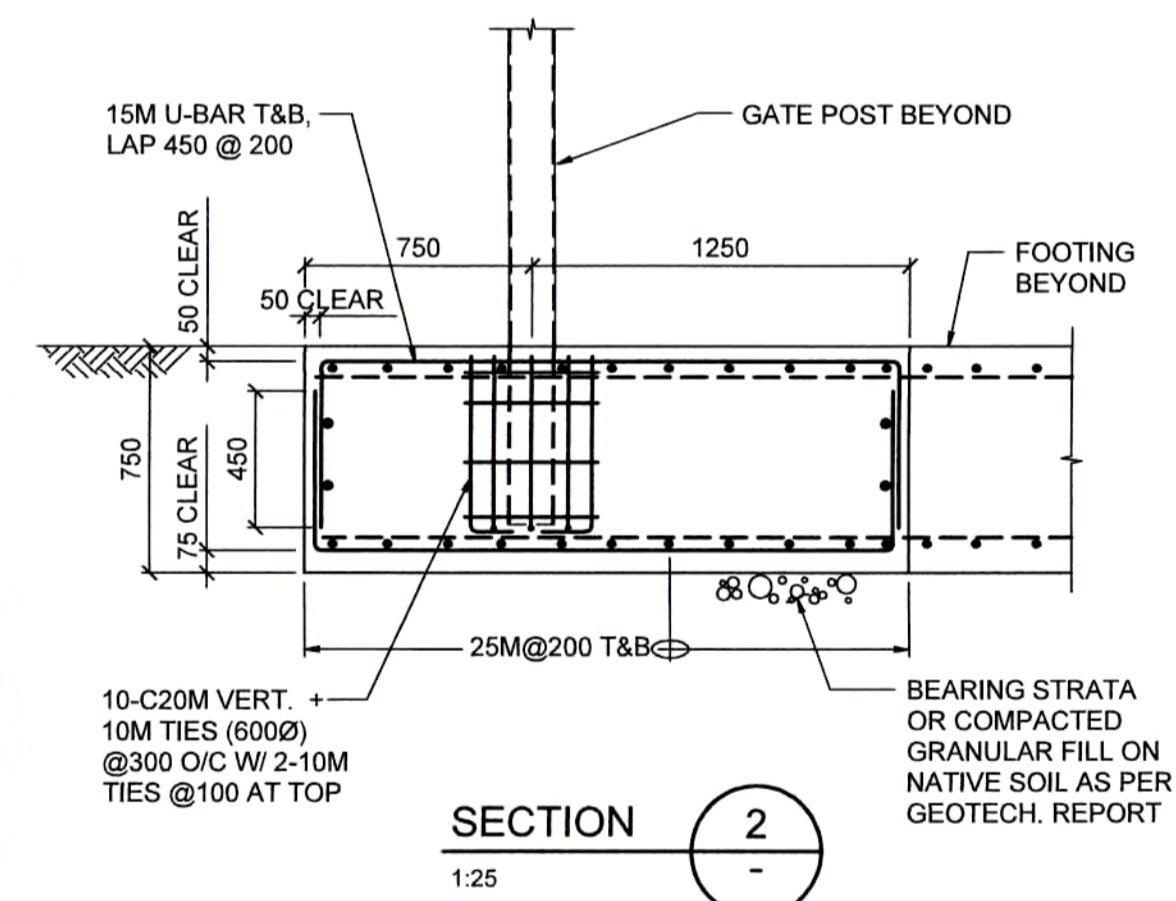
- ALL HSS MEMBERS, BOLTS & NUTS AND ACCESSORIES SHALL BE HOT DIPPED GALVANIZED TO 600 g/m², "HDG" DENOTES HOT DIPPED GALVANIZED.
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- SEE ARCH. FOR GATE LOCK & GATE BOTTOM BOLT RECEIVER DETAILS
- SEE ARCH. DRAWING 601 TO 603 FOR GATE DIMENSIONS & DETAILS.

NOTES FOR UNDERGROUND CONDUIT:

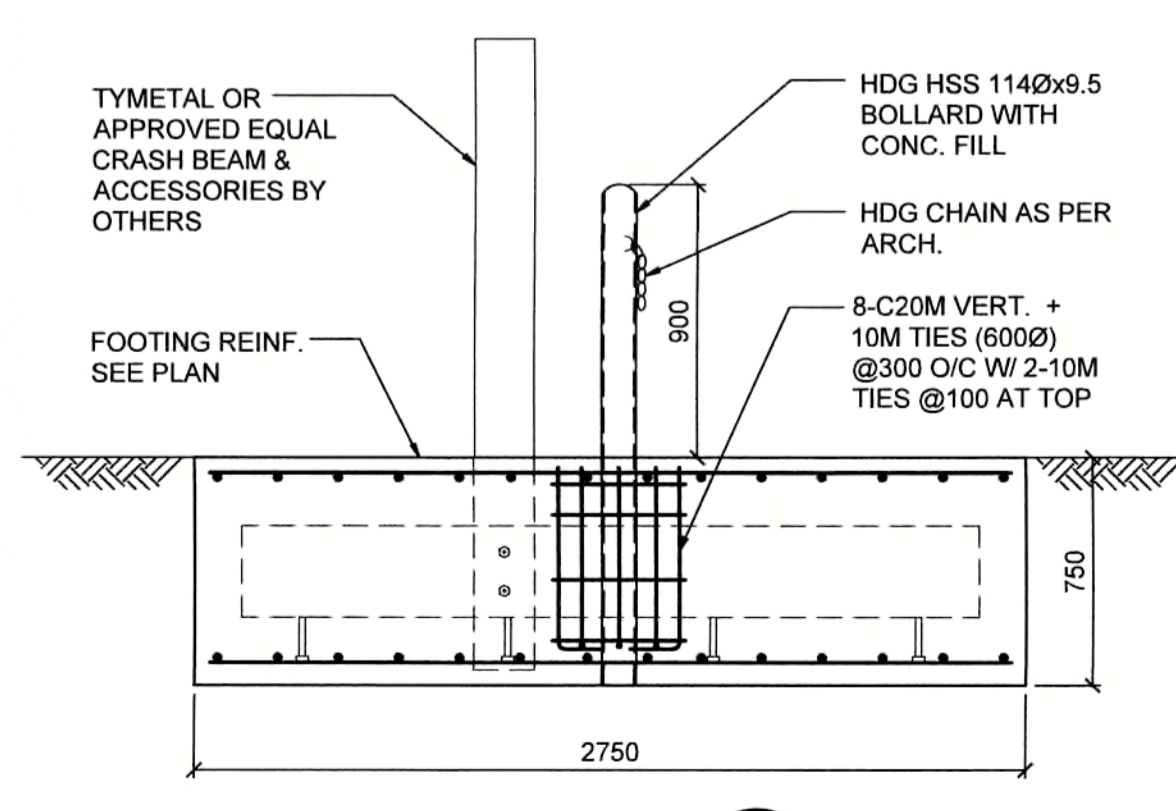
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- ADDITIONAL REINFORCEMENT REQUIREMENT WILL BE REQUIRED AFTER CONFIRMATION OF UNDERGROUND UTILITY SIZE.



SECTION 1
1:25



SECTION 2
1:25



SECTION 3
1:25

Revision/	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	2020/06/30

Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Approval Box Only

Designed by/Concept par
LL

Drawn by/Dessiné par
CAD

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR / TONY TANG

PWGSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régional, Services d'architecture et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin
MISSION MEDIUM INSTITUTION GATE 14 PLAN & DETAILS

Project No./No. du projet R.071529.001	Sheet/Fauille MI-S203	Revision no./ Lo Révision no. 3
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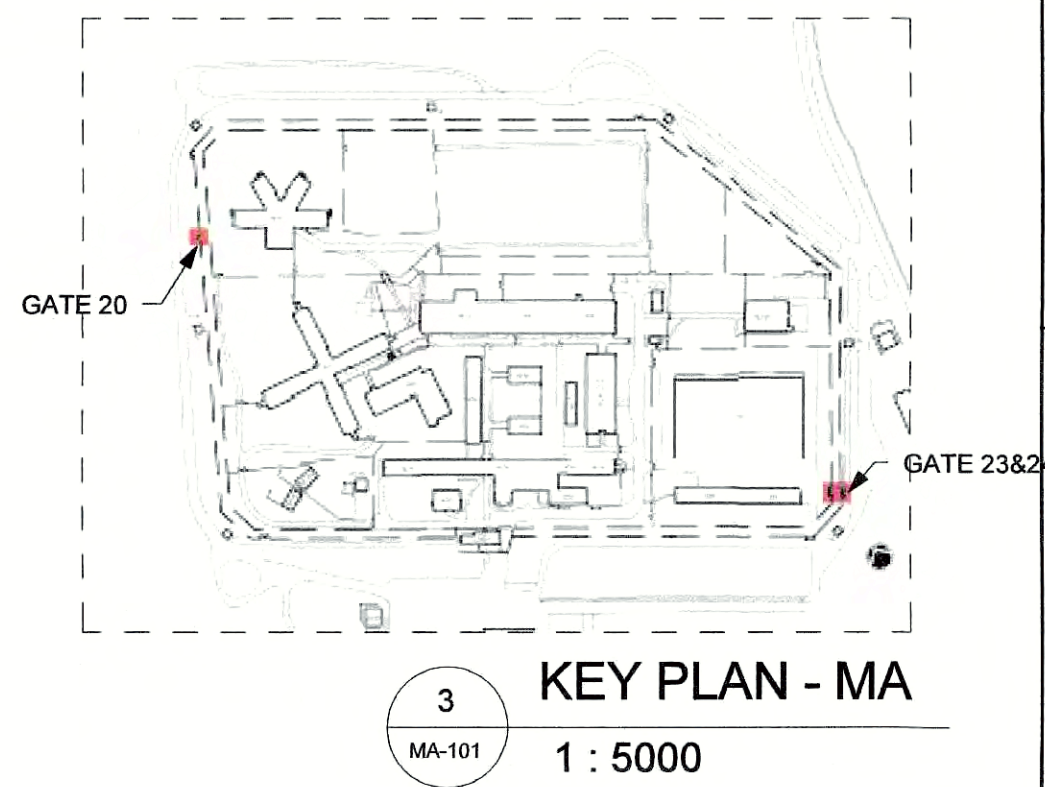
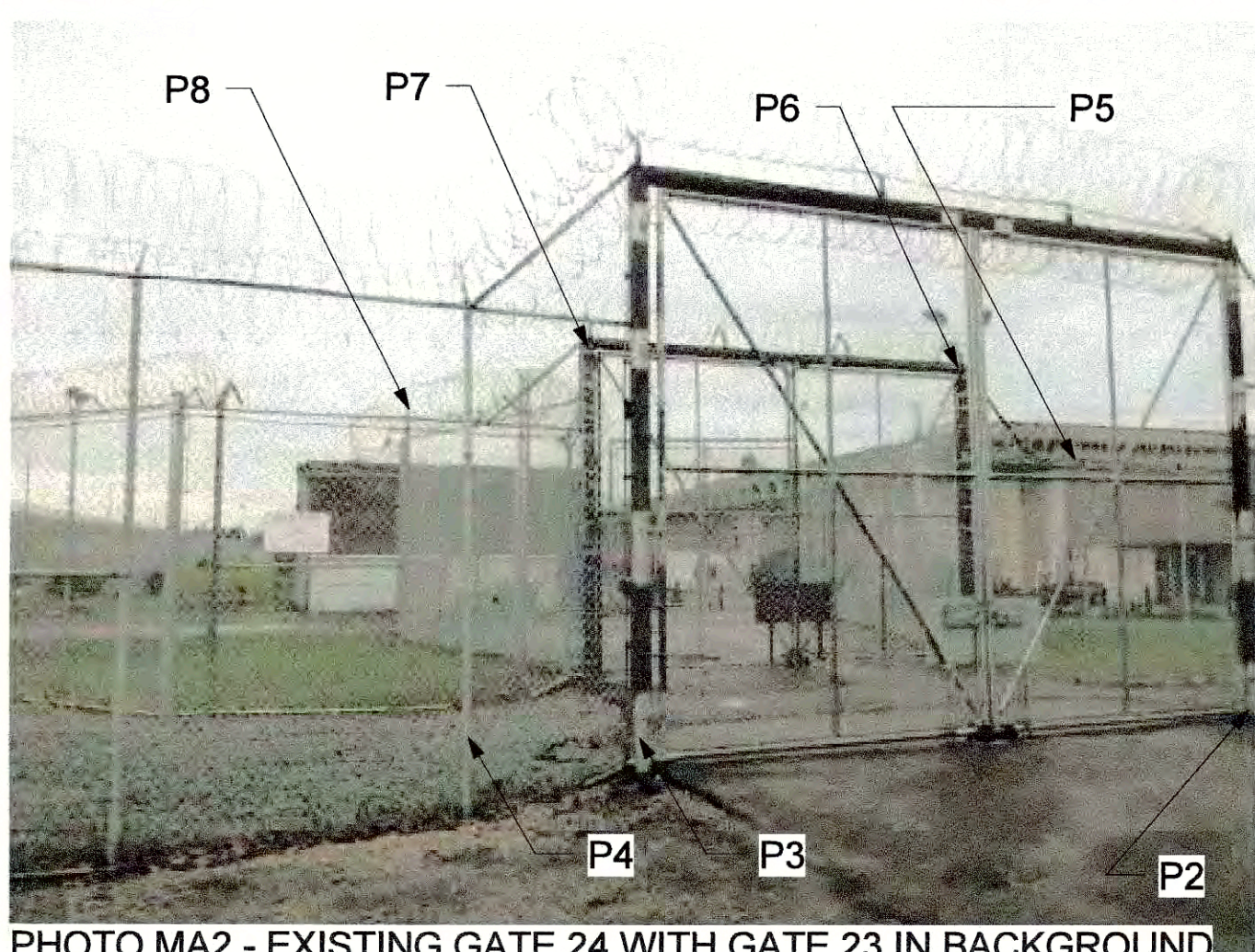
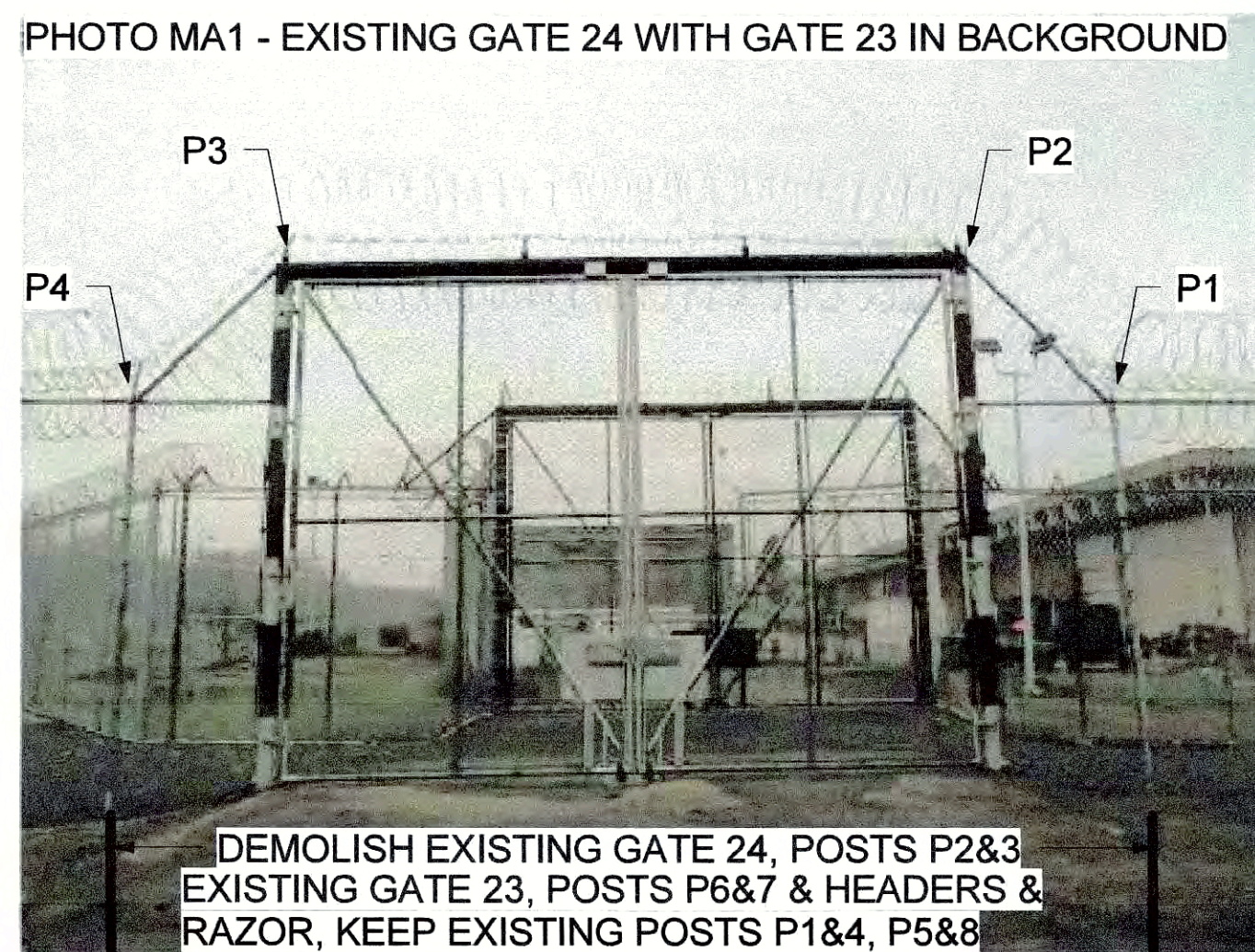


LEGEND

- UNDERGROUND UTILITIES - DRAINAGE
- UNDERGROUND UTILITIES - ELECTRICAL
- UNDERGROUND UTILITIES - GAS
- UNDERGROUND UTILITIES - WATER
- DEMOLITION - GATE, HEADER & RAZOR WIRES
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- ANTI-TUNNELING COMPACTED GRAVEL
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- DOOR TAG & NO FOR TEMPORARY AND PERMANENT GATE

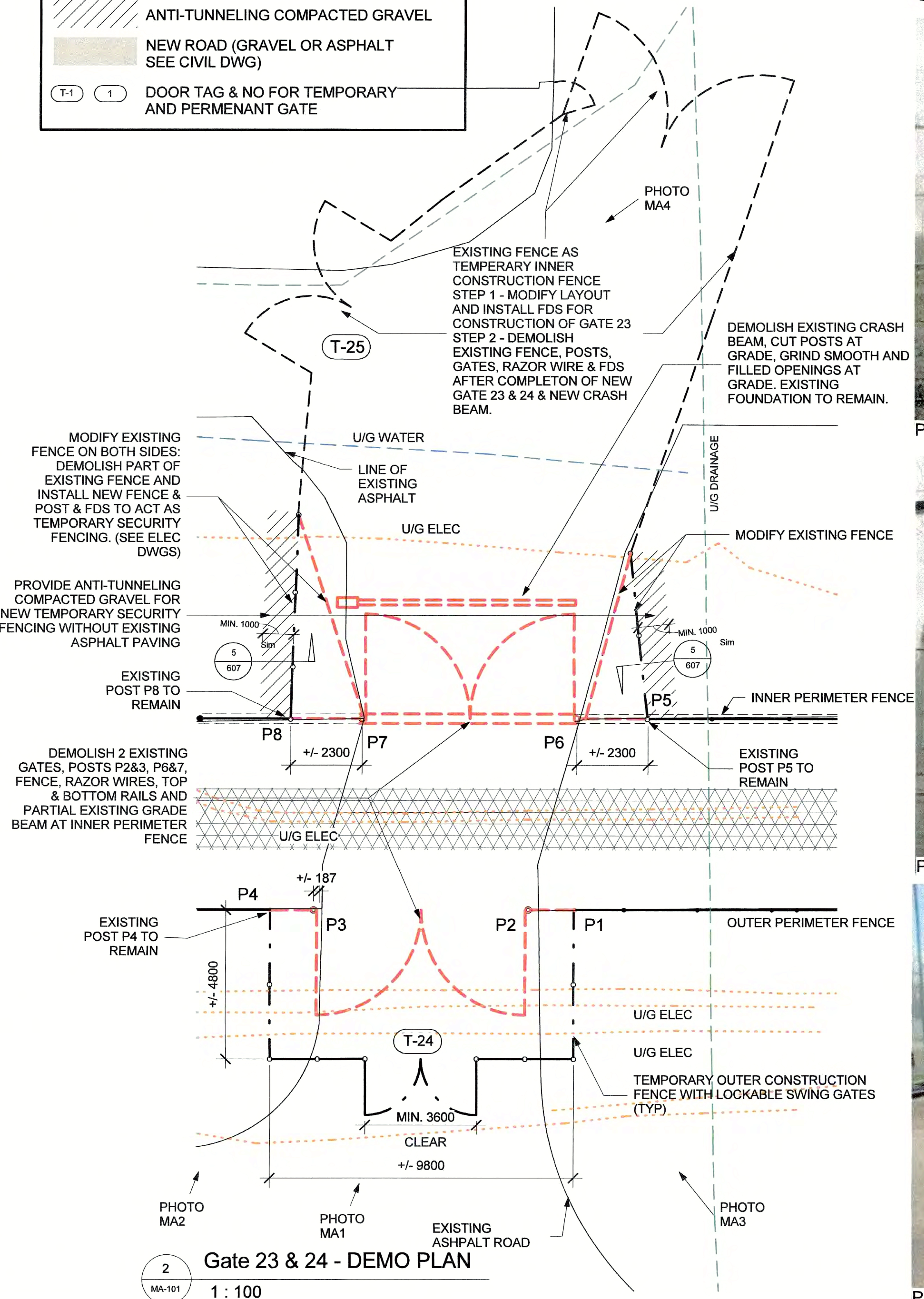
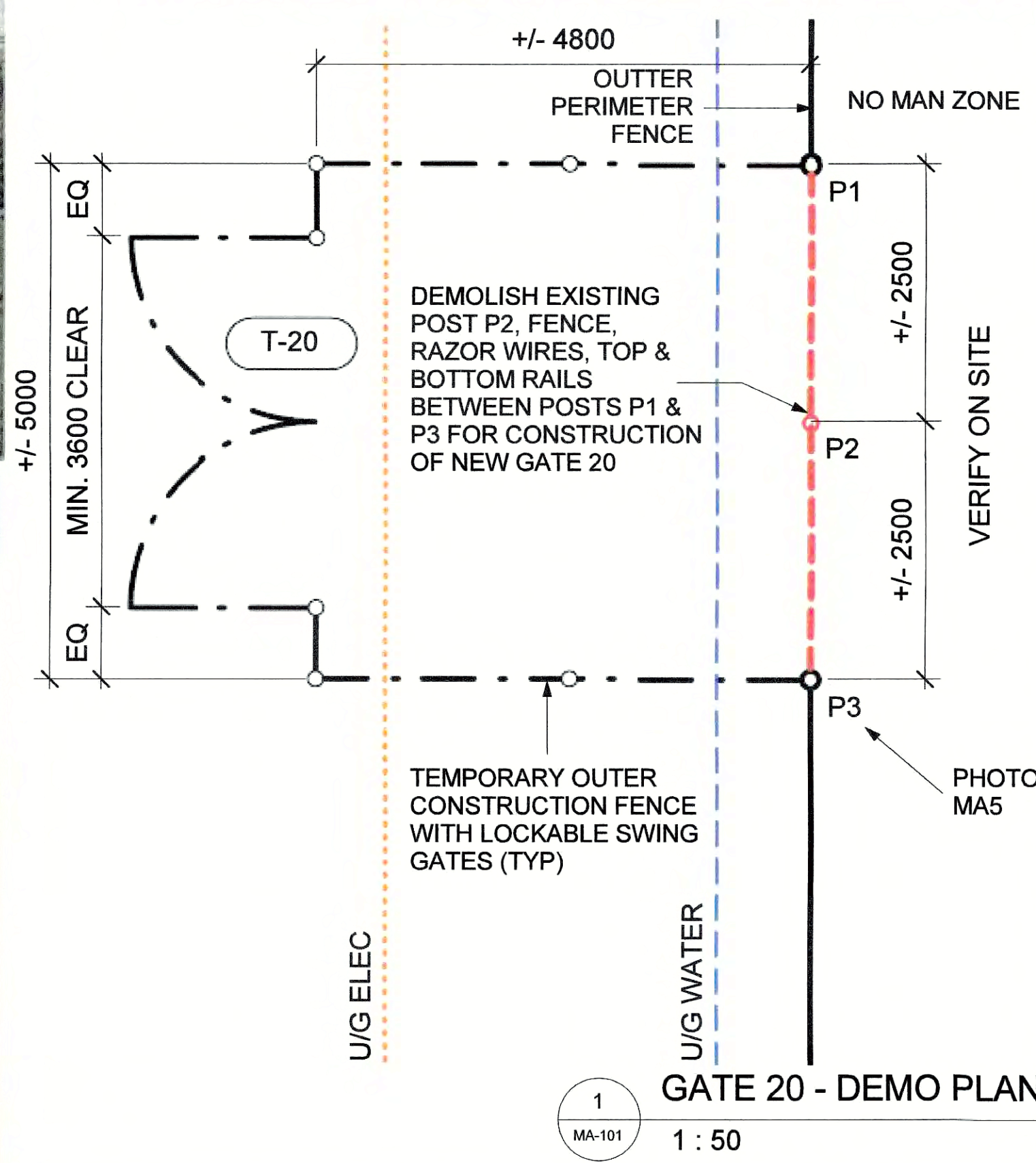
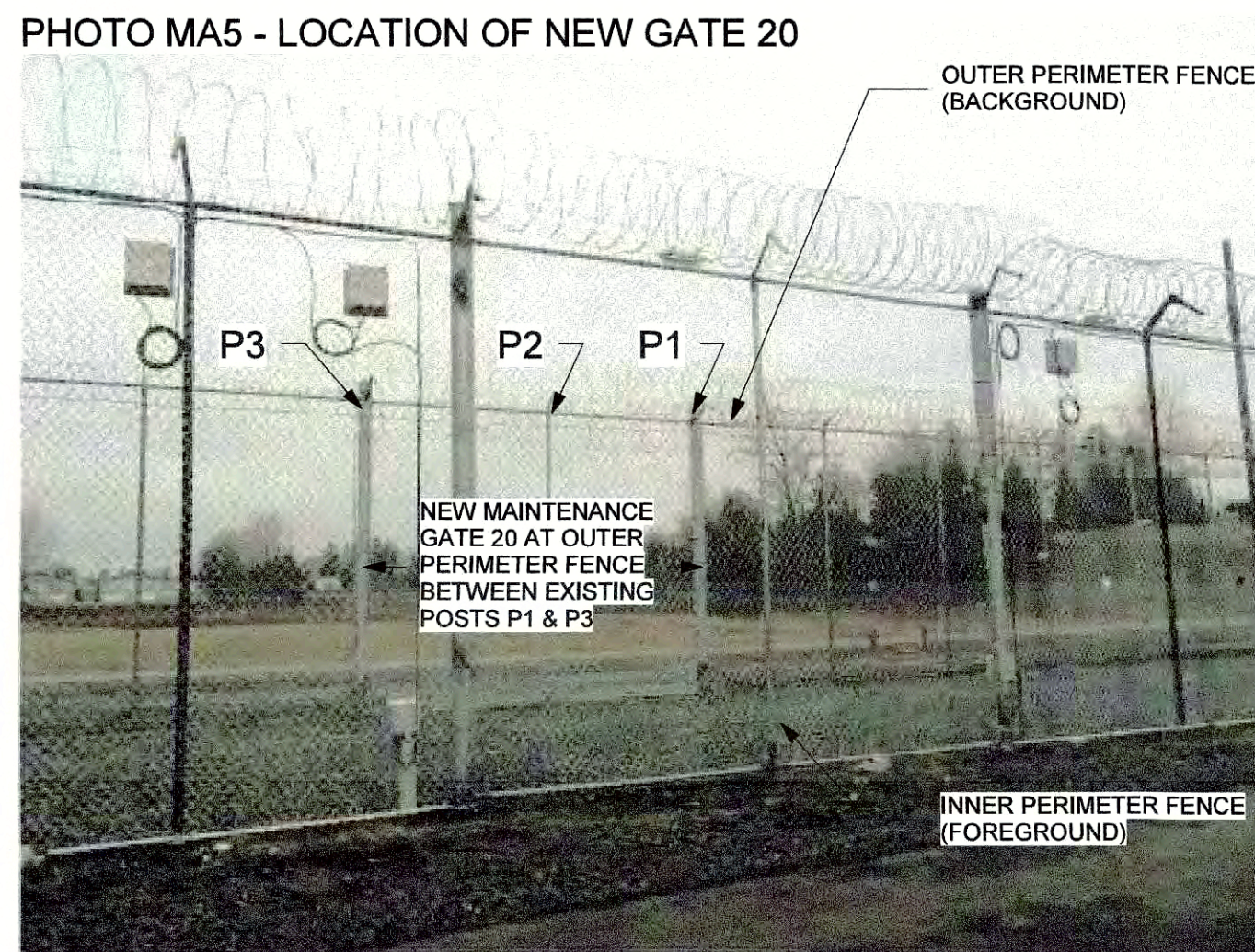
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GATE SCHEDULE - MATSQUI (MA)

Phase	Location	Gate No.	Gate Type	New Clear W	New Clear H	Existing Clear Gate Opening W	Existing Clear Gate Opening H
4	MA	20	M	2600	2827		
4	MA	23	E	5000	4627	6730	4900
4	MA	24	E	5000	4627	6730	4900



PROFESSIONAL ENGINEER
L. K. S. / [Signature]
Nov 6, 2020

Revision/Revisions	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	JUN 22, 2020

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Approval Box Only

Designed by/Concept par DD

Drawn by/Dessine par DD

PWGSC Project Manager/Administrateur de Projets TPSCG
DARYL SINCLAIR / TONY TANG

PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSCG
PREETIPAL PAUL

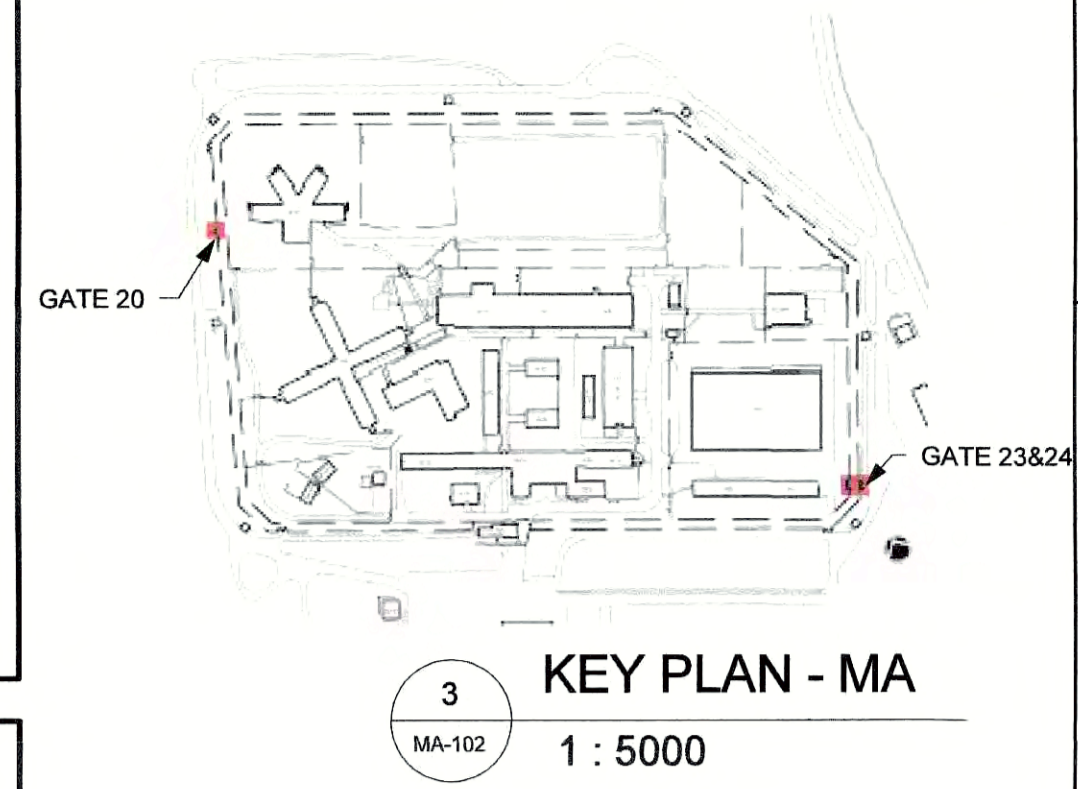
Drawing title/Titre du dessin

MATSQUI INSTITUTION GATE 20, 23 & 24 - DEMOLITION PLANS & EXISTING PHOTOS

Project No./No. du projet **R.071529.001**

Sheet/ Feuille **MA-101**

Revision no./ La Révision no.



NOTES

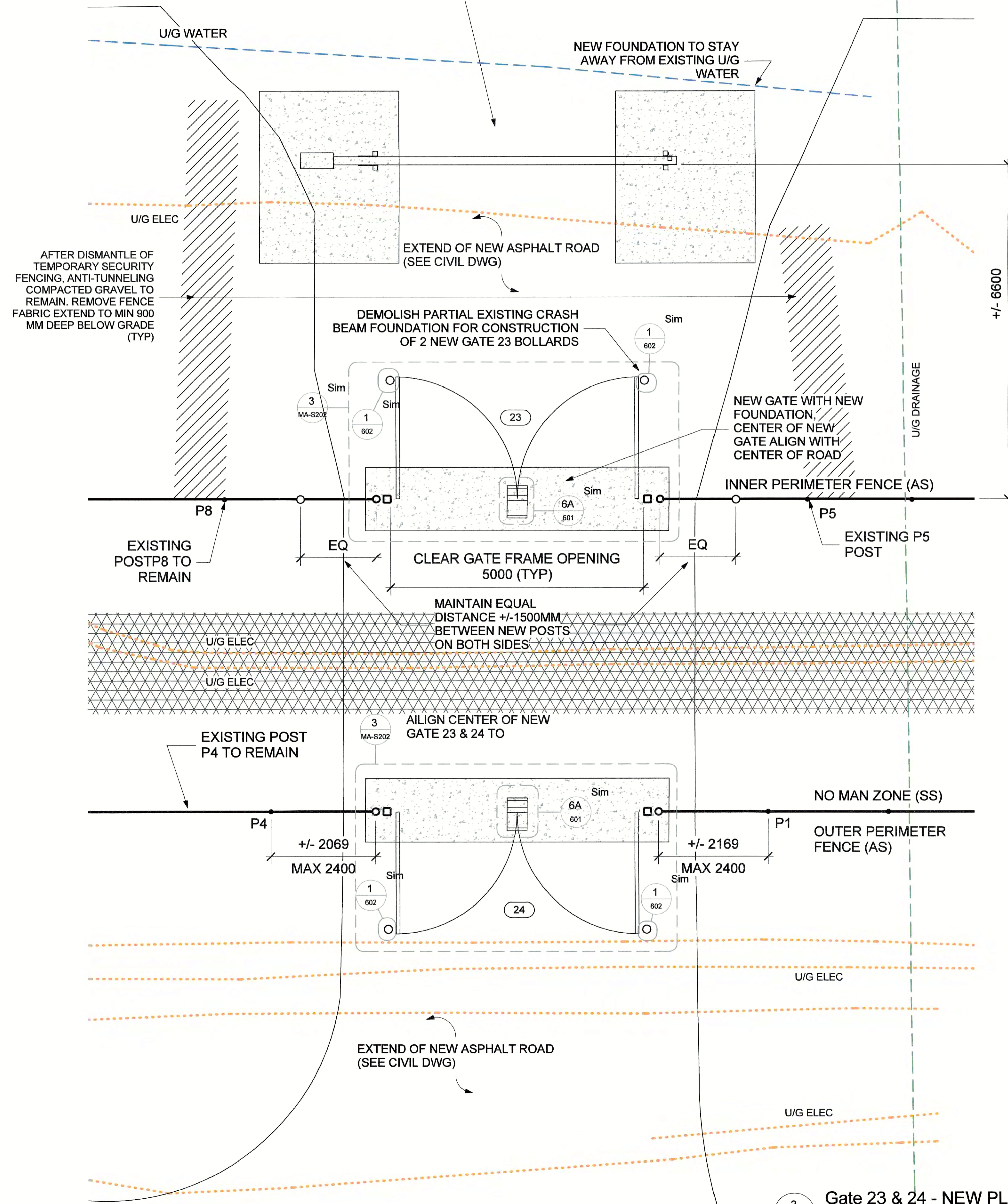
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LEGEND

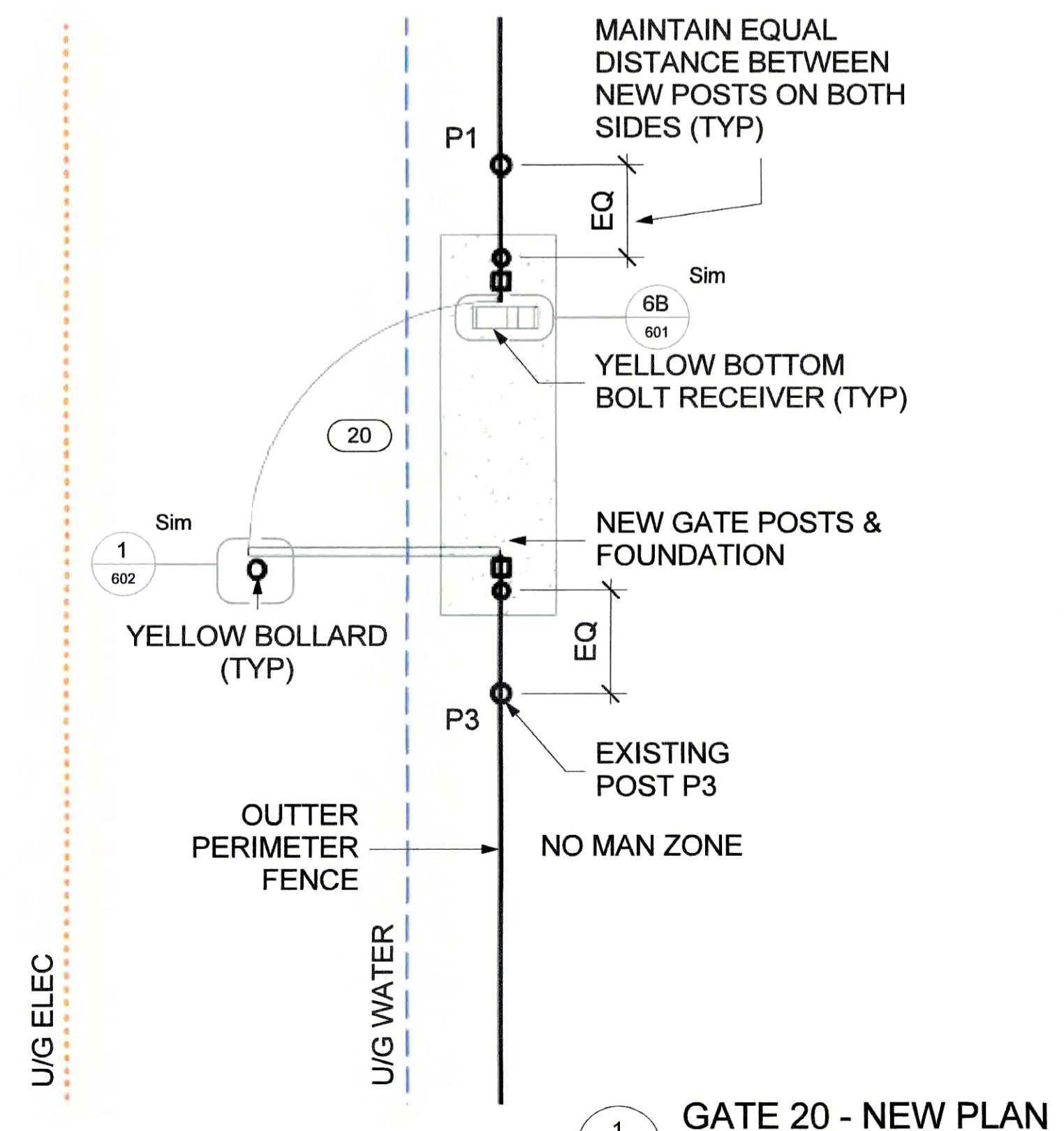
- UNDERGROUND UTILITIES - DRAINAGE
- UNDERGROUND UTILITIES - ELECTRICAL
- UNDERGROUND UTILITIES - GAS
- UNDERGROUND UTILITIES - WATER
- DEMOLITION - GATE, HEADER & RAZOR WIRES
- DEMOLITION - EXISTING POSTS & FENCE MESH INCLUDING BUT NOT LIMITED TO TOP & BOTTOM RAILS, RAZOR WIRES
- POST & FENCE
- EXISTING LIGHT POLE
- EXISTING SIGN
- NO DIGGING ZONE (TYP 1000 MM FROM BOTH SIDES OF MDS)
- ANTI-TUNNELING COMPACTED GRAVEL
- NEW ROAD (GRAVEL OR ASPHALT SEE CIVIL DWG)
- DOOR TAG & NO FOR TEMPORARY AND PERMANENT GATE

GATE SCHEDULE - MATSQUI (MA)

Phase	Location	Gate No.	Gate Type	New Clear W	New Clear H	Existing Clear Gate Opening W	Existing Clear Gate Opening H
4	MA	20	M	2600	2827		
4	MA	23	E	5000	4627	6730	4900
4	MA	24	E	5000	4627	6730	4900



2 Gate 23 & 24 - NEW PLAN
1 : 50



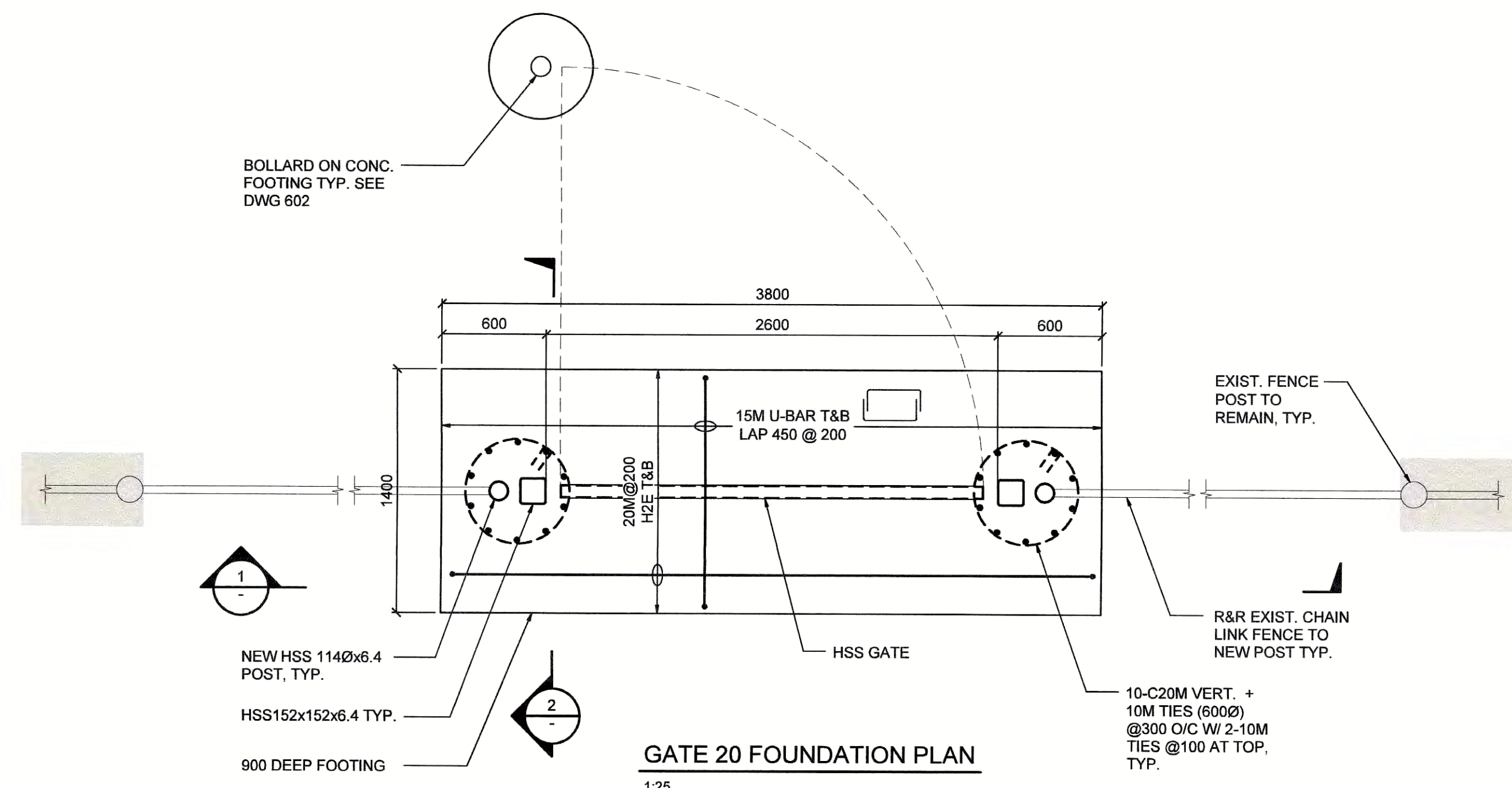
1 GATE 20 - NEW PLAN
1 : 50

CORRECTIONAL SERVICE CANADA

PACIFIC REGION PERIMETER FENCE UPGRADES

MATSQUI INSTITUTION GATE 20, 23 & 24 - NEW PLANS

Project No./No. du projet R.071529.001	Sheet/ Feuille MA-102	Revision no./ La Révision no.
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ASSUME SOIL BEARING:
 SLS 100 kPa
 ULS 150 kPa

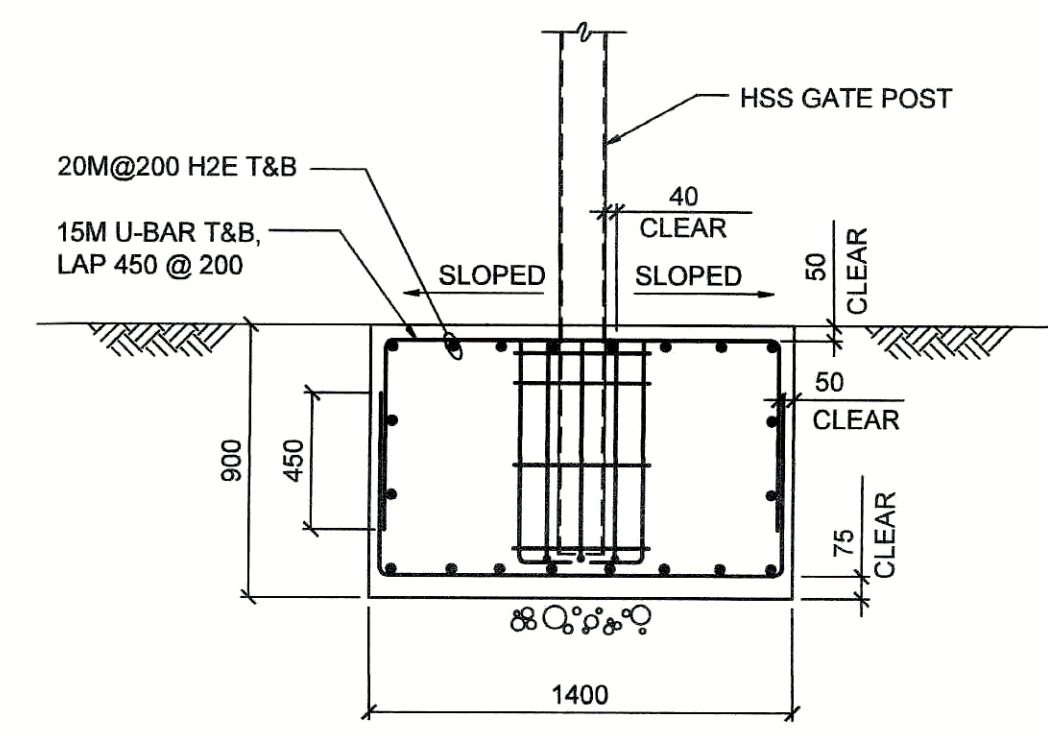
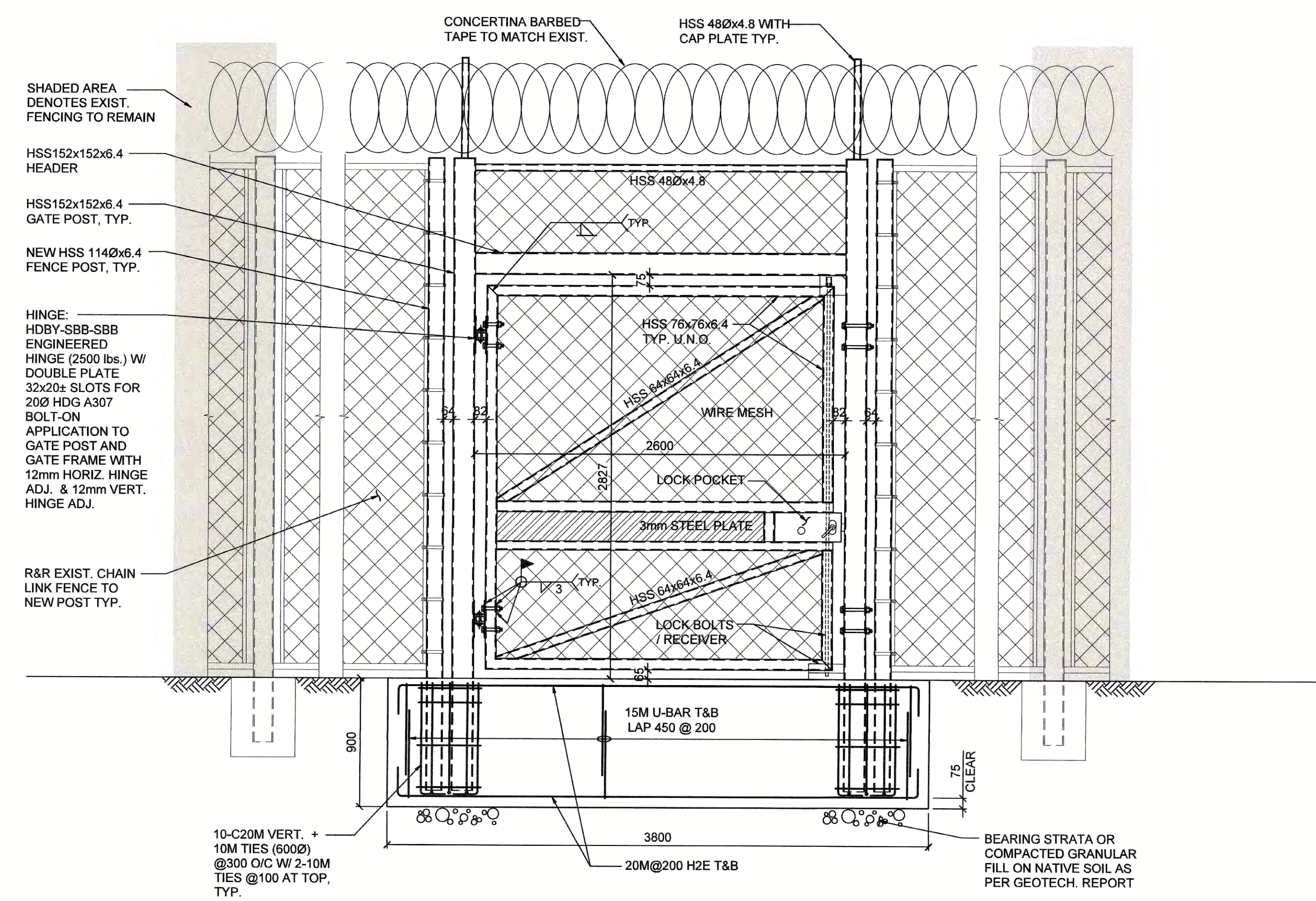
CALL DESIGNATED GEOTECH. CONSULTANT FOR SOIL BEARING CONFIRMATION
 SUBGRADE MODULUS = 10000 kN/m³

CONTRACTOR SHALL PAY FOR THE ABOVE SERVICES

CONCRETE GRADE:
 f_c' = 40 MPa (CATEGORY C1)

NOTES:

1. ALL HSS MEMBERS, BOLTS & NUTS AND ACCESSORIES SHALL BE HOT DIPPED GALVANIZED TO 600 g/m², "HDG" DENOTES HOT DIPPED GALVANIZED.
2. TOUCH UP ALL FIELD WELDED AREA WITH APPROVED ZINC RICH PAINT.
3. SEE ARCH. FOR GATE LOCK & GATE BOTTOM BOLT RECEIVER DETAILS SEE ARCH. DRAWING 601 TO 603 FOR GATE DIMENSIONS & DETAILS.



2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	2020/06/30

Revision/Description/Date/Date

CORRECTIONAL SERVICE CANADA

PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Approval Box Only

Designed by/Concept par LL

Drawn by/Dessiné par CAD

PWGSC Project Manager/Administrateur de Projets TPSCG DARYL SINCLAIR / TONY TANG

CWMM, Project Manager, Architectural and Engineering Services / Gestionnaire de projets, Services d'architecture et de plans, TPSCG PREETIPAL PAUL

MATSQUI INSTITUTION GATE 20 PLAN & DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.071529.001	MA-S201	3

12920



ASSUME SOIL BEARING:
 SLS 100 kPa
 ULS 150 kPa

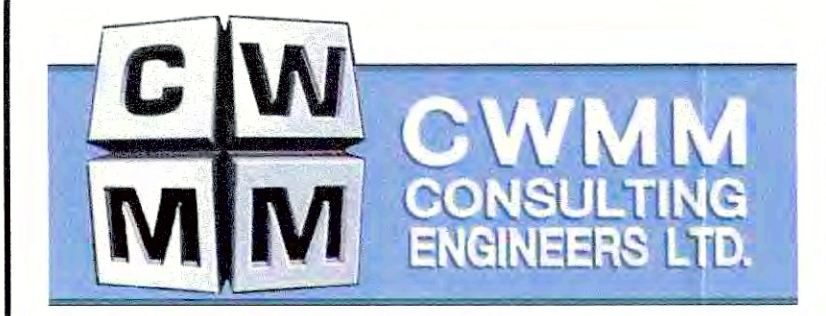
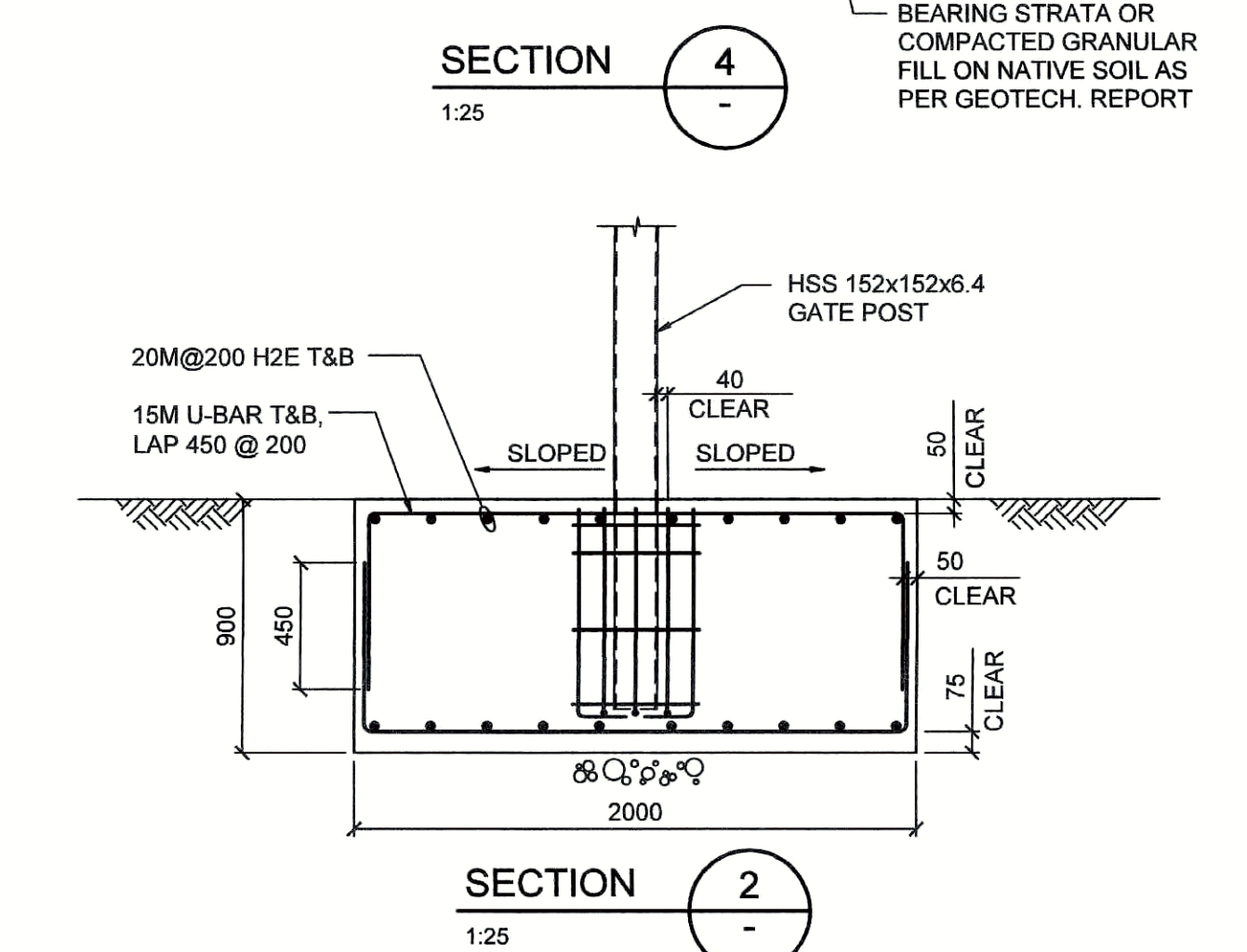
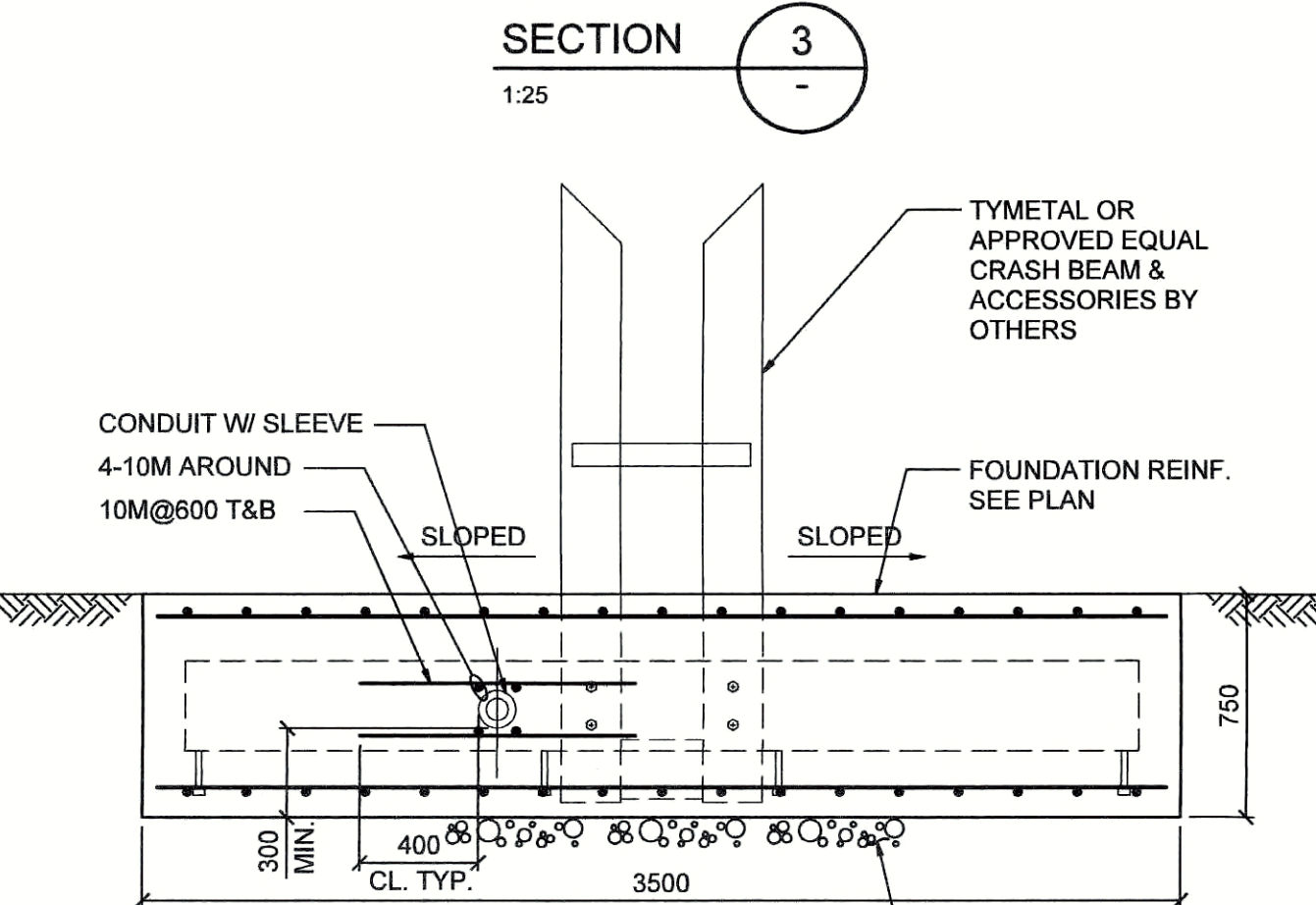
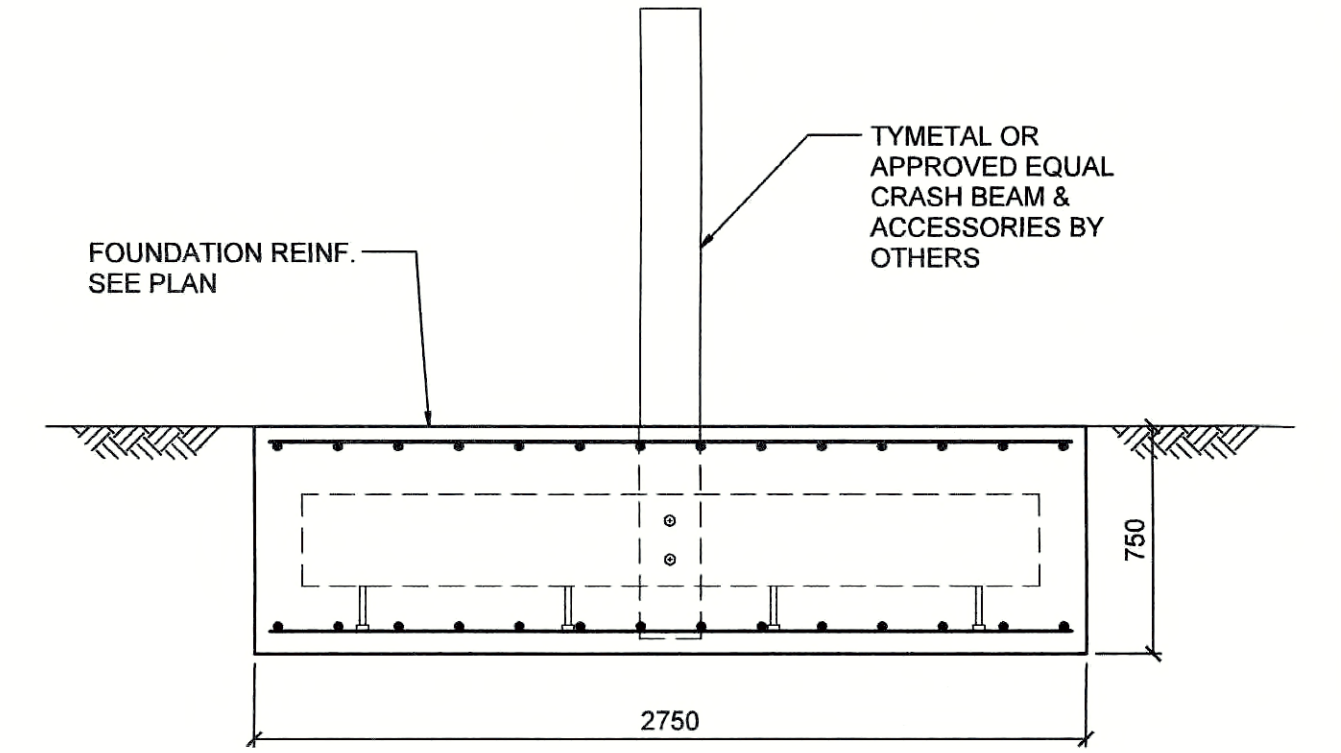
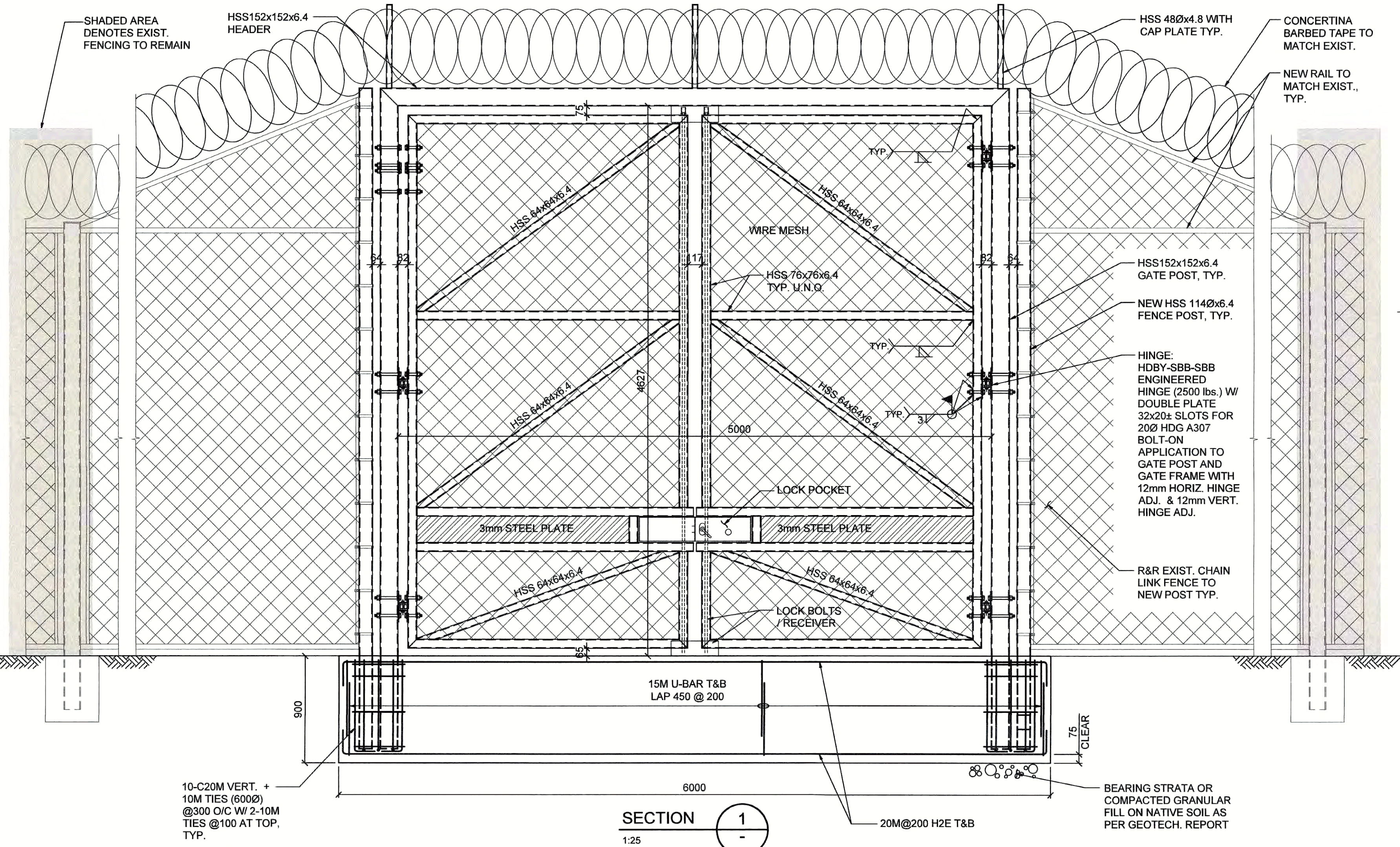
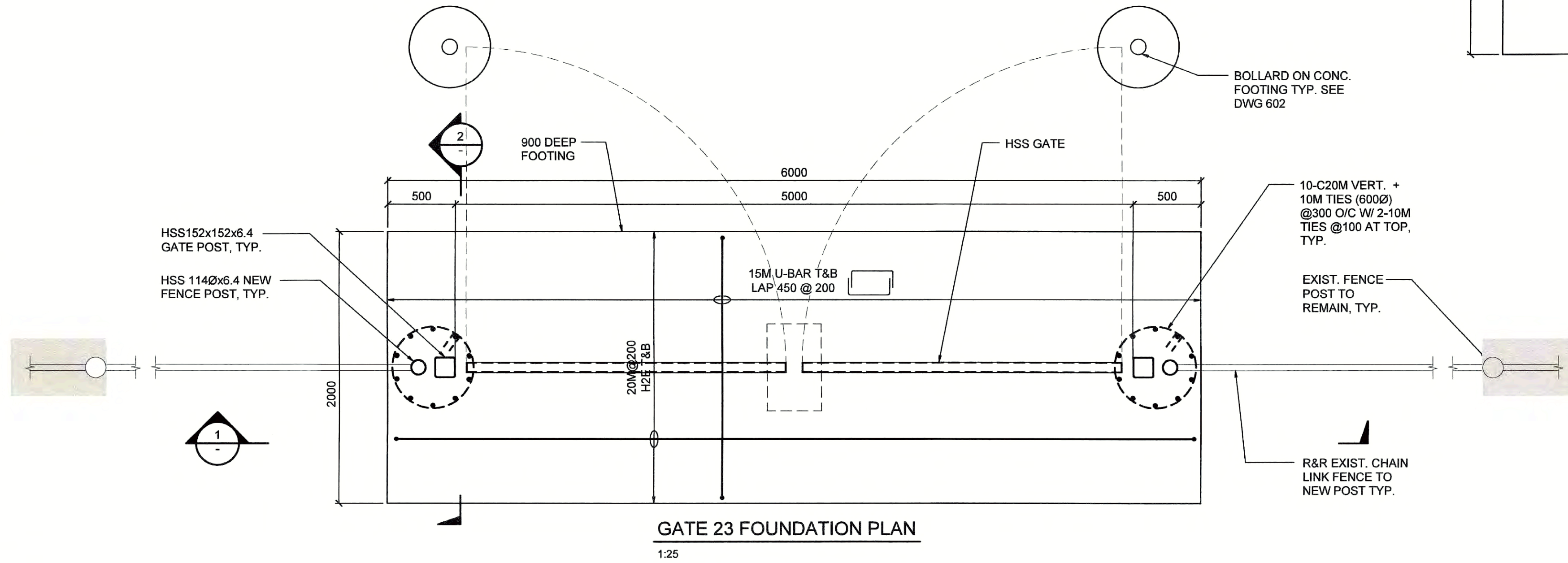
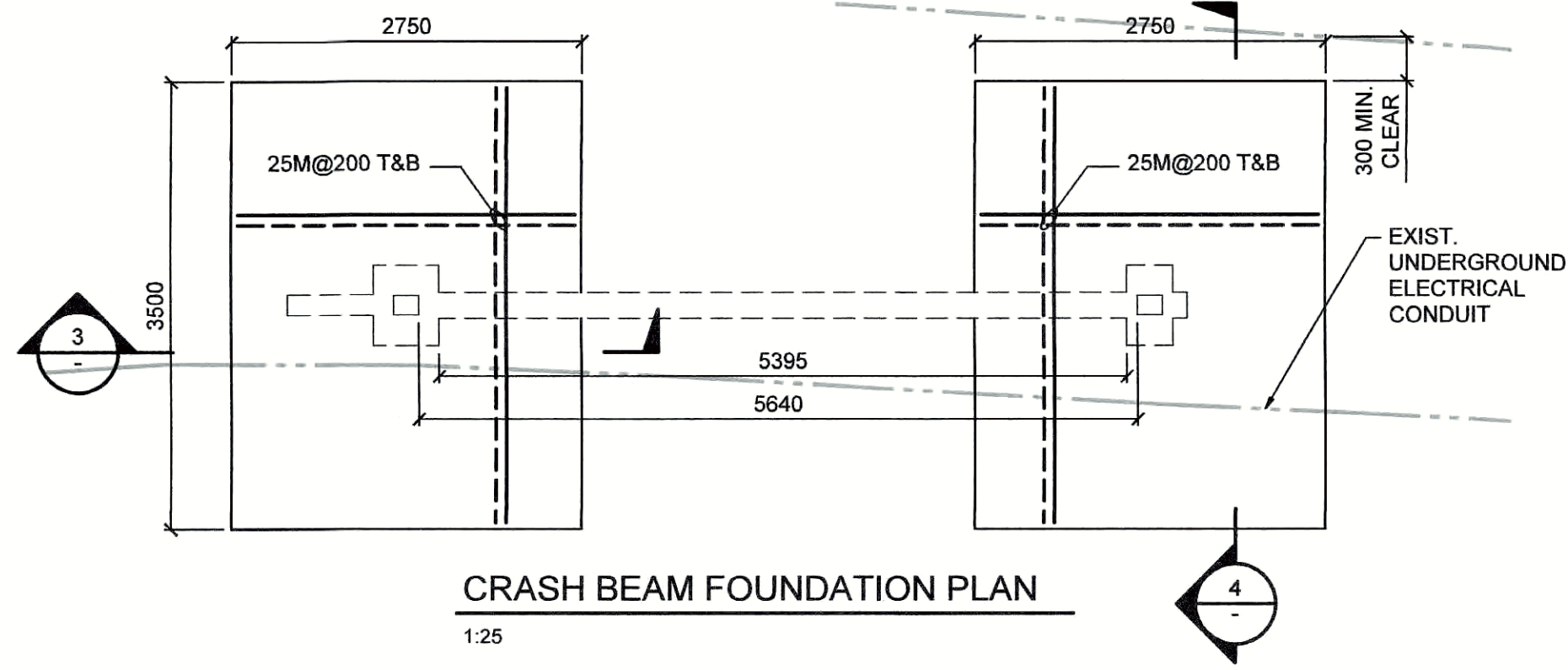
CALL DESIGNATED GEOTECH. CONSULTANT FOR SOIL BEARING CONFIRMATION
 SUBGRADE MODULUS = 10000 kN/m³

CONTRACTOR SHALL PAY FOR THE ABOVE SERVICES

CONCRETE GRADE:
 f_c' = 40 MPa (CATEGORY C1)

NOTES:
 1. ALL HSS MEMBERS, BOLTS & NUTS AND ACCESSORIES SHALL BE HOT DIPPED GALVANIZED TO 600 g/m², "HDG" DENOTES HOT DIPPED GALVANIZED.
 2. TOUCH UP ALL FIELD WELDED AREA WITH APPROVED ZINC RICH PAINT.
 3. SEE ARCH. FOR GATE LOCK & GATE BOTTOM BOLT RECEIVER DETAILS SEE ARCH. DRAWING 601 TO 603 FOR GATE DIMENSIONS & DETAILS.

NOTES FOR UNDERGROUND CONDUIT:
 1. 50 THK. COMPRESSIBLE MATERIAL INFILL AROUND CONDUIT & CONC. ENCASE DUCT.
 2. SEE ELECTRICAL DRAWING FOR ADDITIONAL REQUIREMENT.
 3. FOR EXIST. ELECTRICAL CONDUIT LARGER THAN 75mmØ AND CONCRETE ENCASED DUCTS, CONTACT STRUCTURAL ENGINEER IMMEDIATELY AFTER EXPOSING THE EXISTING ELECTRICAL UTILITY FOR REVIEW AND APPROVAL PRIOR TO REINFORCEMENT AND FORMWORK PLACEMENT.
 4. ADDITIONAL REINFORCEMENT REQUIREMENT WILL BE REQUIRED AFTER CONFIRMATION OF UNDERGROUND UTILITY SIZE.



PROFESSIONAL ENGINEER
 L.L. SINCLAIR
 NOV 6, 2020

Revision/Revision	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	2020/06/30

CORRECTIONAL SERVICE CANADA

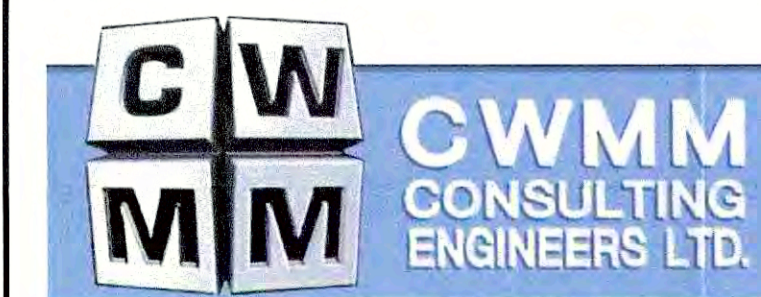
Project title/Titre du projet
PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Approval Box Only
 Designed by/Concepté par L.L.
 Drawn by/Dessiné par CAD
 PWGSC Project Manager/Administrateur de Projets TPSGC
 DARYL SINCLAIR / TONY TANG
 Preetipal Paul, Professional Engineer, Services d'ingénierie et de services, PWGSC, PREETIPAL PAUL
 Drawing title/Titre du dessin

MATSQUI INSTITUTION GATE 23 PLAN & DETAILS

Project No./No. du projet: R.071529.001
 Sheet/Feuille: MA-S202
 Revision no./La révision: 3





ASSUME SOIL BEARING:
SLS 100 kPa
ULS 150 kPa

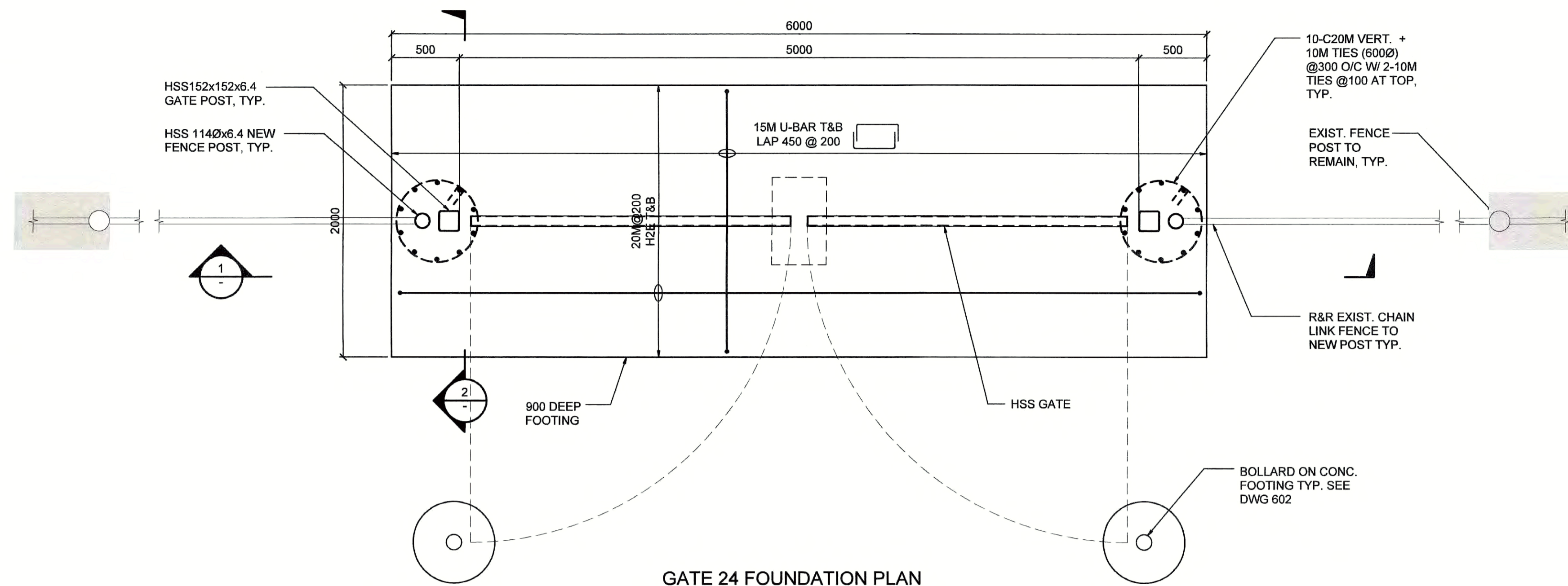
CALL DESIGNATED GEOTECH. CONSULTANT FOR SOIL BEARING CONFIRMATION
SUBGRADE MODULUS = 10000 kN/m³

CONTRACTOR SHALL PAY FOR THE ABOVE SERVICES

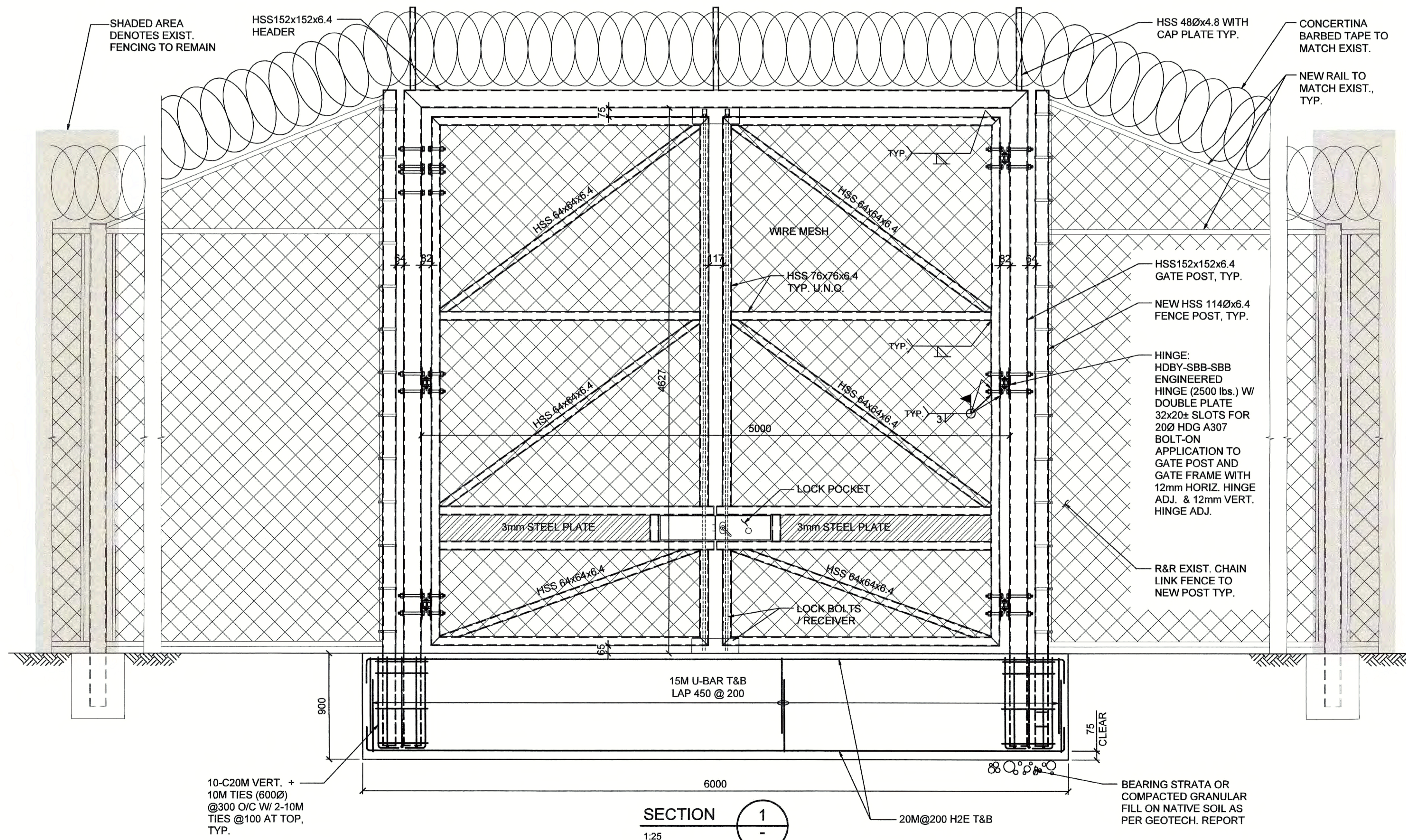
CONCRETE GRADE:
f_c' = 40 MPa (CATEGORY C1)

NOTES:

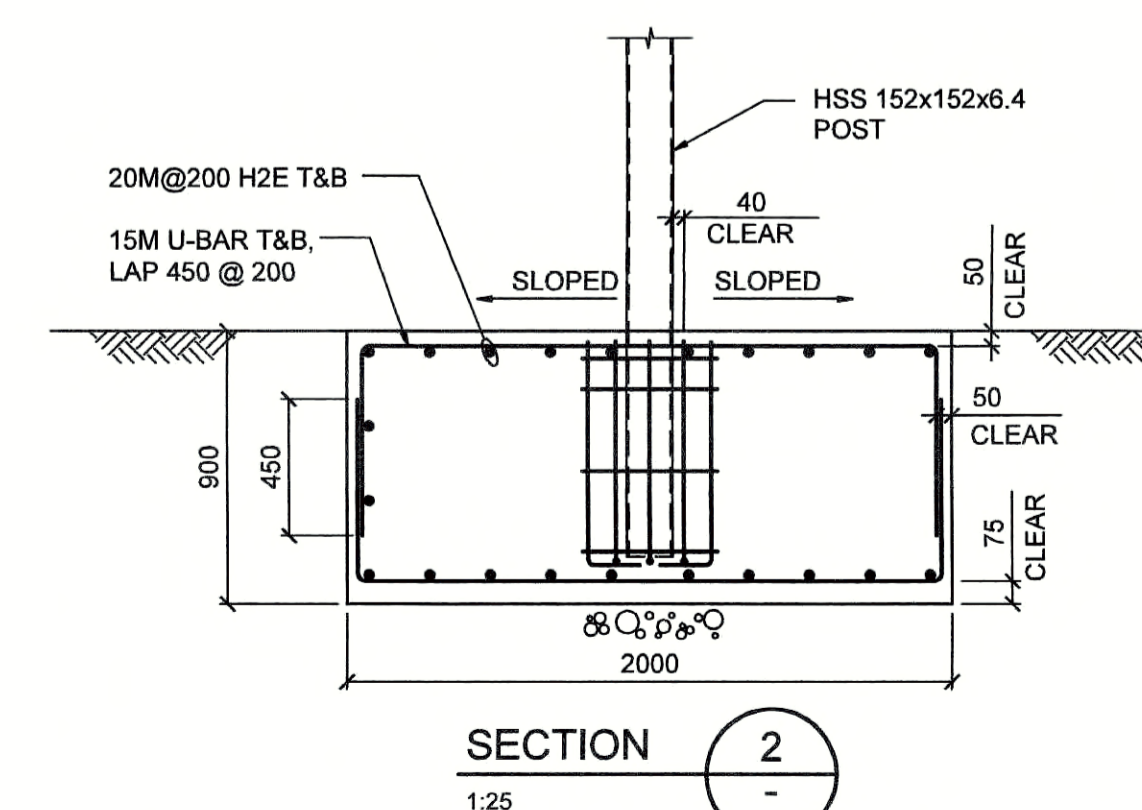
- ALL HSS MEMBERS, BOLTS & NUTS AND ACCESSORIES SHALL BE HOT DIPPED GALVANIZED TO 600 g/m². "HDG" DENOTES HOT DIPPED GALVANIZED.
- TOUCH UP ALL FIELD WELDED AREA WITH APPROVED ZINC RICH PAINT.
- SEE ARCH. FOR GATE LOCK & GATE BOTTOM BOLT RECEIVER DETAILS
- SEE ARCH. DRAWING 601 TO 603 FOR GATE DIMENSIONS & DETAILS.



GATE 24 FOUNDATION PLAN
1:25



SECTION 1
1:25



SECTION 2
1:25

PROFESSIONAL ENGINEER
L. K. L. L.
NOV 6, 2020

Revision/Revision	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	2020/06/30

Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Approval Box Only

Designed by/Concept par
LL

Drawn by/Dessine par
CAD

PWGC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR / TONY TANG

Professional Engineer, Architectural and Engineering Services /
Ingénieur professionnel, Services d'architectural et de génie, TPSSC
PREETIPAL PAUL

Drawing title/Titre du dessin
MATSQUI INSTITUTION GATE 24 PLAN & DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./ La révision no.
R.071529.001	MA-S203	3

12920



PHOTO A OF EXISTING GATE 18 & GATE 17 & PEDESTRIAN SLIDING GATE IN BACKGROUND (INNER PERIMETER FENCE)



NEW GATE POST LOCATION TO BE APPROX. ONE PANEL AWAY FROM EXISTING GATE OPENING. MAXIMUM DISTANCE BETWEEN ALL NEW POSTS TO BE 2400MM.

PHOTO B OF EXISTING GATE 18 & GATE 17 & PEDESTRIAN SLIDING GATE IN BACKGROUND (INNER PERIMETER FENCE)

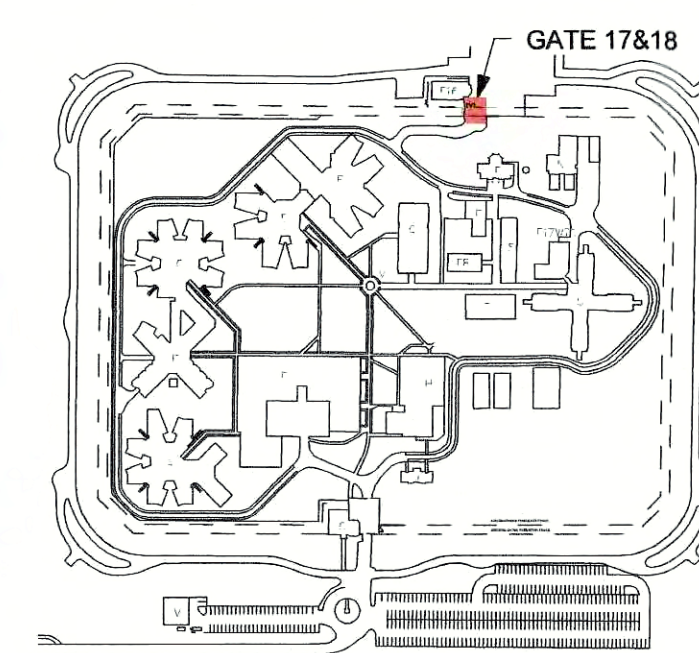


EXISTING CRASH BEAM

PHOTO C OF EXISTING GATE 18 & CRASH BEAM (OUTER PERIMETER FENCE)



NEW GATE POST LOCATION TO BE APPROX. ONE PANEL AWAY FROM BUILDING F16



1 KEY PLAN - PA
PA-101 1 : 5000

PHOTO D OF EXISTING GATE 17



PHOTO E DEMOLISH EXISTING PEDESTRIAN SLIDING GATE NEAR GATE 17.



DEMOLISH & REMOVE EXISTING PEDESTRIAN SLIDING GATE



PHOTO F DEMOLISH EXISTING SLIDING GATE 17

LEGEND

- UNDERGROUND UTILITIES - DRAINAGE
- - - UNDERGROUND UTILITIES - ELECTRICAL
- - - UNDERGROUND UTILITIES - GAS
- - - UNDERGROUND UTILITIES - WATER
- M DEMOLITION - GATE, HEADER & RAZOR WIRES
- - - DEMOLITION - EXISTING POSTS & FENCE MESH INCLUDING BUT NOT LIMITED TO TOP & BOTTOM RAILS, RAZOR WIRES
- POST & FENCE
- EXISTING LIGHT POLE
- EXISTING SIGN
- NO DIGGING ZONE (TYP 1000 MM FROM BOTH SIDES OF MDS)
- ANTI-TUNNELING COMPACTED GRAVEL
- NEW ROAD (GRAVEL OR ASPHALT SEE CIVIL DWG)
- T-1 1 DOOR TAG & NO FOR TEMPORARY AND PERMANENT GATE

NOTES

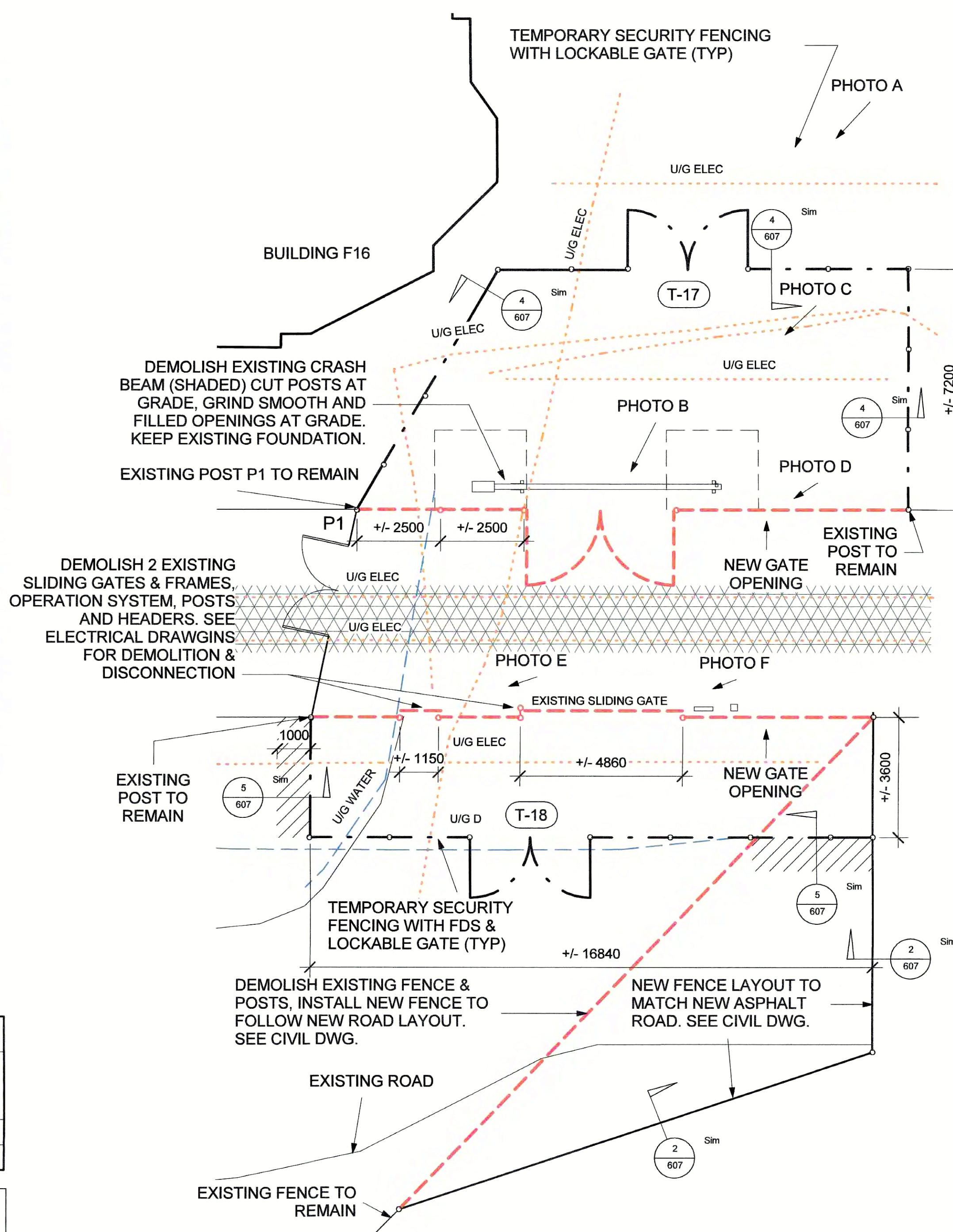
- REFER TO CIVIL DRAWINGS FOR:
 - A) LOCATION OF UNDERGROUND UTILITIES. VERIFY LOCATIONS ON SITE.
 - B) NEW CONCRETE FOUNDATION ELEVATIONS
 - C) NEW ROAD WORK & TOPOGRAPHY
- VERIFY ALL EXISTING POSTS LOCATION ON SITE. MAXIMUM DISTANCE BETWEEN CENTRE OF ALL NEW POSTS IS 2400MM. REFER TO SPECIFICATION.
- SEE DRAWINGS 605 TO 608 FOR TYPICAL TEMPORARY INNER AND OUTER SECURITY FENCING PLANS, ELEVATIONS AND SECTIONS

GATE SCHEDULE - PACIFIC (PA)

Phase	Location	Gate No.	Gate Type	New Clear W	New Clear H	Existing Clear Gate Opening W	Existing Clear Gate Opening H
5	PA	17	E	5000	4627	4320	4240
5	PA	18	E	5000	4627	4860	4200

GENERAL NOTES
PACIFIC INSTITUTION NEW GATES 17 & 18

NEW GATE 17 & 18:
1) REVIEW LOCATION OF TEMPORARY SECURITY FENCING, LOCATIONS OF NEW GATE OPENINGS AND NEW CRASH BEAM WITH DEPARTMENTAL REPRESENTATIVES ON SITE BEFORE COMMENCEMENT OF WORK.



2 GATE 17 & 18 - DEMO
PA-101 1 : 100



PROFESSIONAL ENGINEER
L. K. F. JAM
Nov 6, 2020

Revision/Revision	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	JUN 22, 2020

Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Approval Box Only
Designed by/Concept par DD
Drawn by/Dessine par
PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR / TONY TANG

Drawing title/Titre du dessin
PACIFIC INSTITUTION GATE 17 & 18 - DEMOLITION PLAN & PHOTOS

Project No./No. du projet R.071529.001	Sheet/ Feuille PA-101	Revision no./ La Révision no.
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LEGEND

- UNDERGROUND UTILITIES - DRAINAGE
- UNDERGROUND UTILITIES - ELECTRICAL
- UNDERGROUND UTILITIES - GAS
- UNDERGROUND UTILITIES - WATER
- DEMOLITION - GATE, HEADER & RAZOR WIRES
- DEMOLITION - EXISTING POSTS & FENCE MESH INCLUDING BUT NOT LIMITED TO TOP & BOTTOM RAILS, RAZOR WIRES
- POST & FENCE
- EXISTING LIGHT POLE
- EXISTING SIGN
- NO DIGGING ZONE (TYP 1000 MM FROM BOTH SIDES OF MDS)
- ANTI-TUNNELING COMPACTED GRAVEL
- NEW ROAD (GRAVEL OR ASPHALT SEE CIVIL DWG)
- DOOR TAG & NO FOR TEMPORARY AND PERMANENT GATE

NOTES

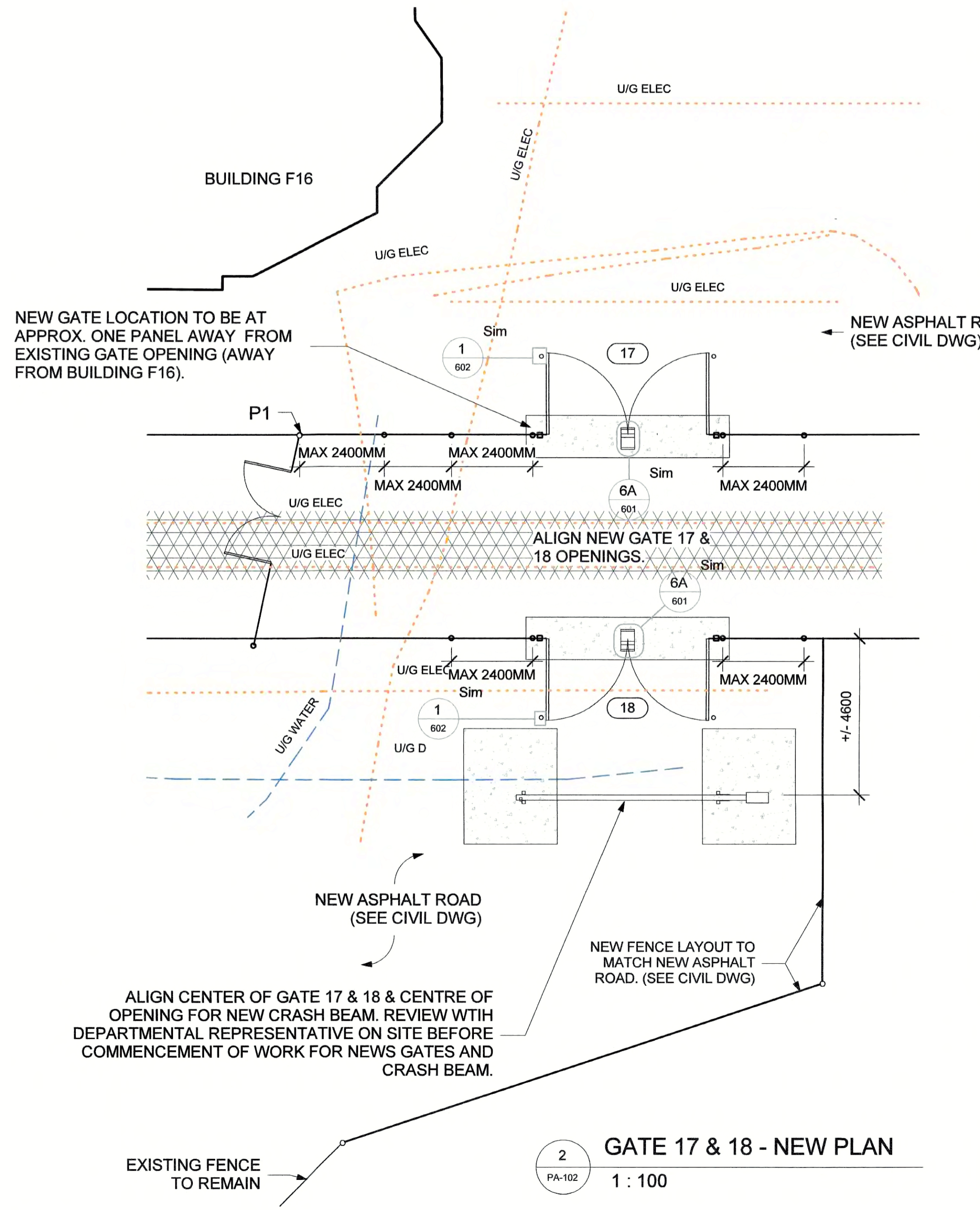
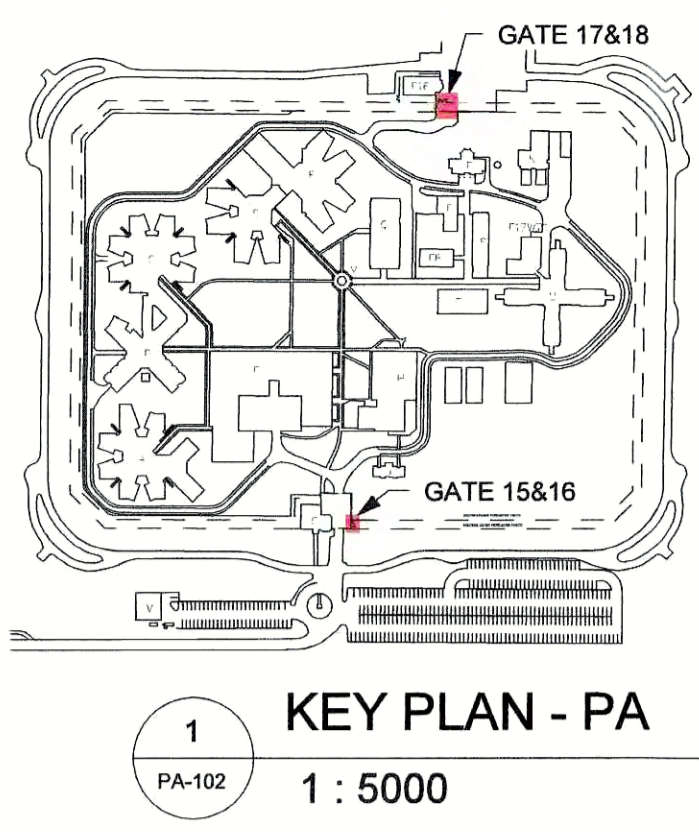
- REFER TO CIVIL DRAWINGS FOR:
 - LOCATION OF UNDERGROUND UTILITIES. VERIFY LOCATIONS ON SITE.
 - NEW CONCRETE FOUNDATION ELEVATIONS
 - NEW ROAD WORK & TOPOGRAPHY
- VERIFY ALL EXISTING POSTS LOCATION ON SITE. MAXIMUM DISTANCE BETWEEN CENTRE OF ALL NEW POSTS IS 2400MM. REFER TO SPECIFICATION.
- SEE DRAWINGS 605 TO 608 FOR TYPICAL TEMPORARY INNER AND OUTER SECURITY FENCING PLANS, ELEVATIONS AND SECTIONS

GATE SCHEDULE - PACIFIC (PA)

Phase	Location	Gate No.	Gate Type	New Clear W	New Clear H	Existing Clear Gate Opening W	Existing Clear Gate Opening H
5	PA	17	E	5000	4627	4320	4240
5	PA	18	E	5000	4627	4860	4200

GENERAL NOTES
PACIFIC INSTITUTION NEW GATES 17 & 18

NEW GATE 17 & 18:
 1) REVIEW LOCATION OF TEMPORARY SECURITY FENCING, LOCATIONS OF NEW GATE OPENINGS AND NEW CRASH BEAM WITH DEPARTMENTAL REPRESENTATIVES ON SITE BEFORE COMMENCEMENT OF WORK.



Revision/Revision	Description/Description	Date/Date
1	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	JUN 22, 2020

Client/client

CORRECTIONAL SERVICE CANADA

Project title/Titre du projet

PACIFIC REGION PERIMETER FENCE UPGRADES

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Designed by/Concept par
DD

Drawn by/Dessine par
DD

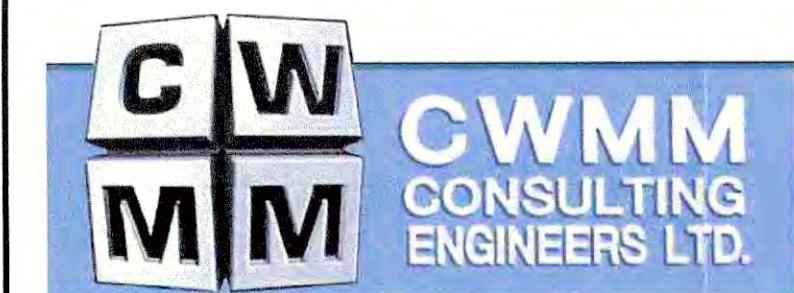
PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR / TONY TANG

PWGSC, Regional Manager, Architectural and Engineering Services/
 Gestionnaire régionale, Services d'architecture et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin

PACIFIC INSTITUTION GATE 17 & 18 - NEW PLANS

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
R.071529.001	PA-102	



Revision/Revision	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	2020/06/30

CORRECTIONAL SERVICE CANADA

PACIFIC REGION PERIMETER FENCE UPGRADES

Client/client: CORRECTIONAL SERVICE CANADA
 Project title/Titre du projet: PACIFIC REGION PERIMETER FENCE UPGRADES
 Consultant Approval Box Only
 Designed by/Concept par: L.L.
 Drawn by/Dessiné par: CAD
 PWGSC Project Manager/Administrateur de Projets TPSGC: DARYL SINCLAIR / TONY TANG
 PWGSC Regional Manager, Architectural and Engineering Services/ Gérant régional, Services Architecturaux et de gén. élec. TPSGC: PREETIPAL PAUL
 Drawing title/Titre du dessin: PACIFIC INSTITUTION GATE 17 PLAN & DETAILS

Project No./No. du projet: R.071529.001	Sheet/Feuille: PA-S202	Revision no./No. de révisión: 3
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12920

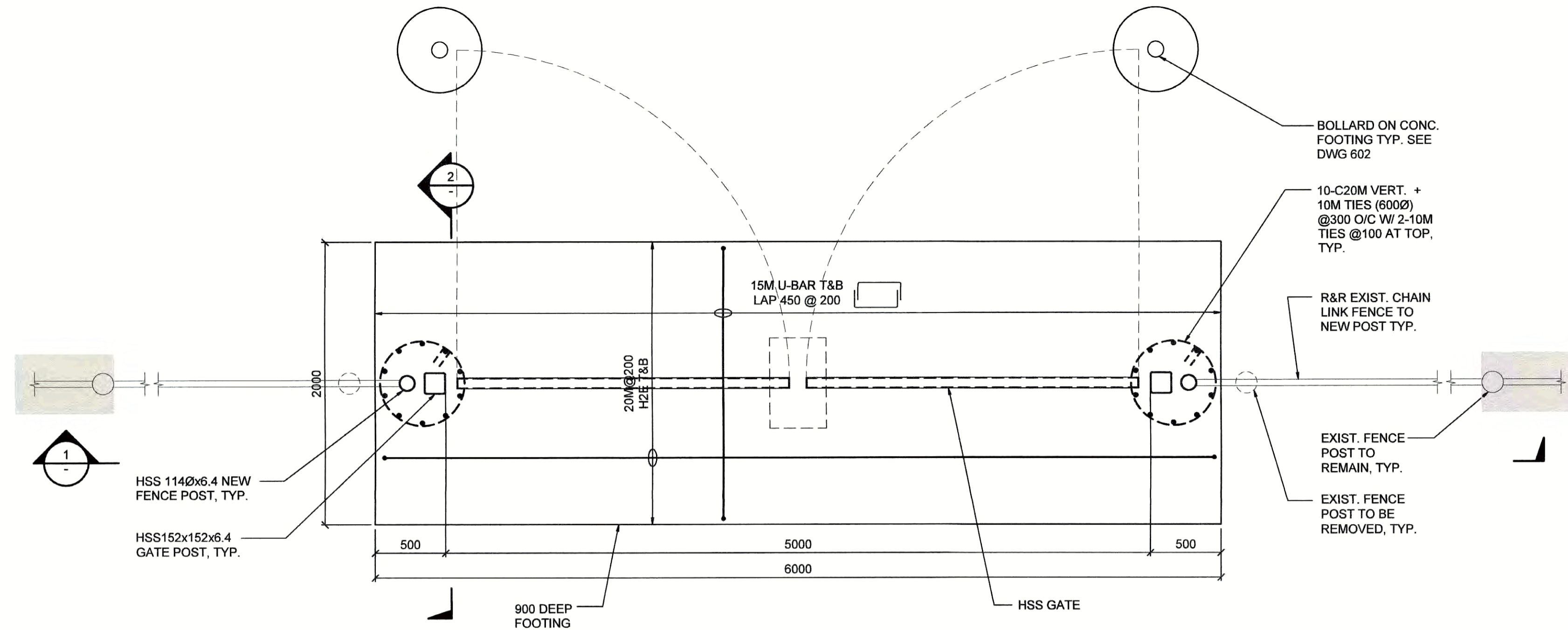
ASSUME SOIL BEARING:
SLS 100 kPa
ULS 150 kPa

CALL DESIGNATED GEOTECH. CONSULTANT FOR SOIL BEARING CONFIRMATION
SUBGRADE MODULUS = 10000 kN/m³

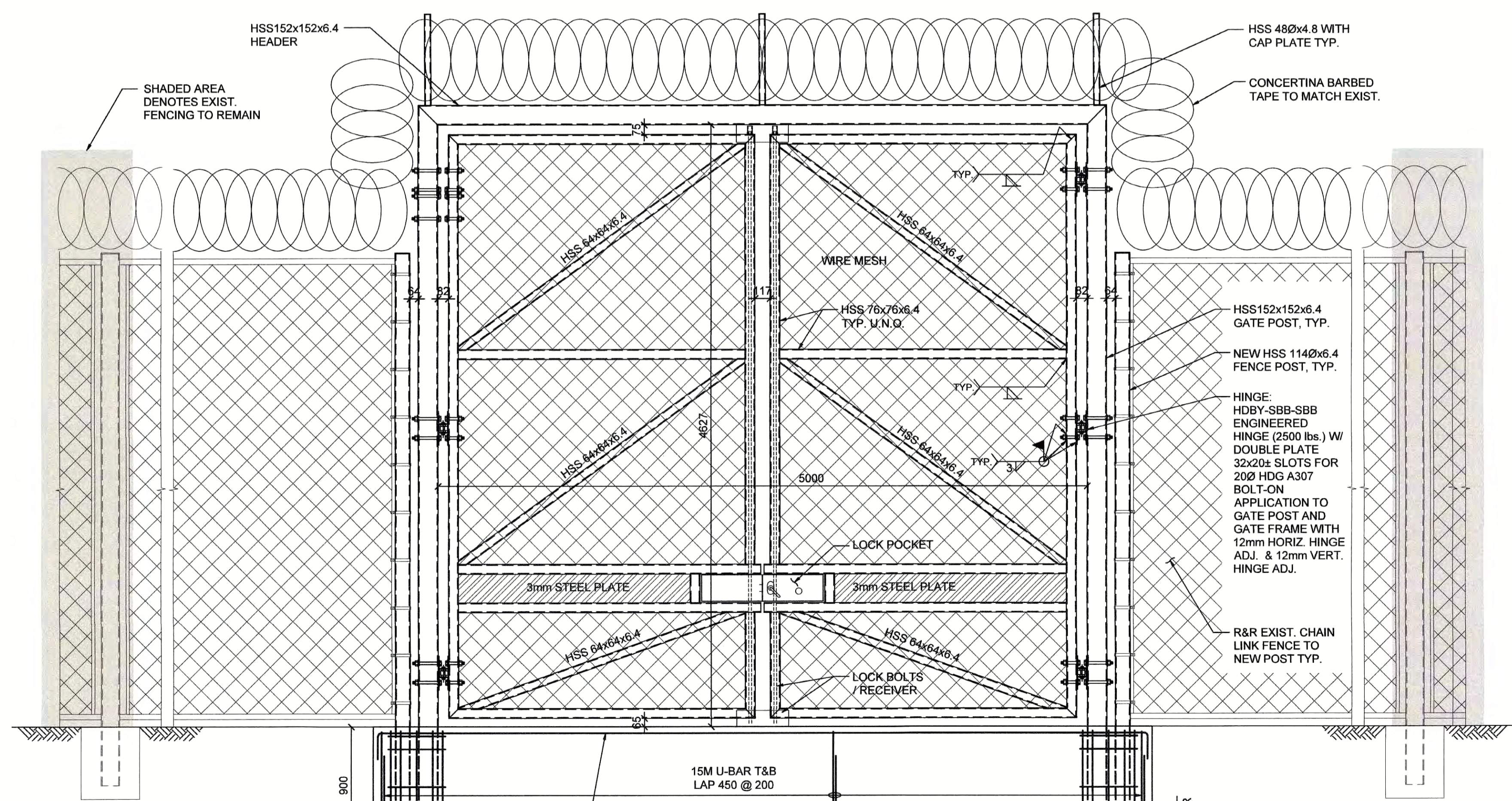
CONTRACTOR SHALL PAY FOR THE ABOVE SERVICES

CONCRETE GRADE:
f'c = 40 MPa (CATEGORY C1)

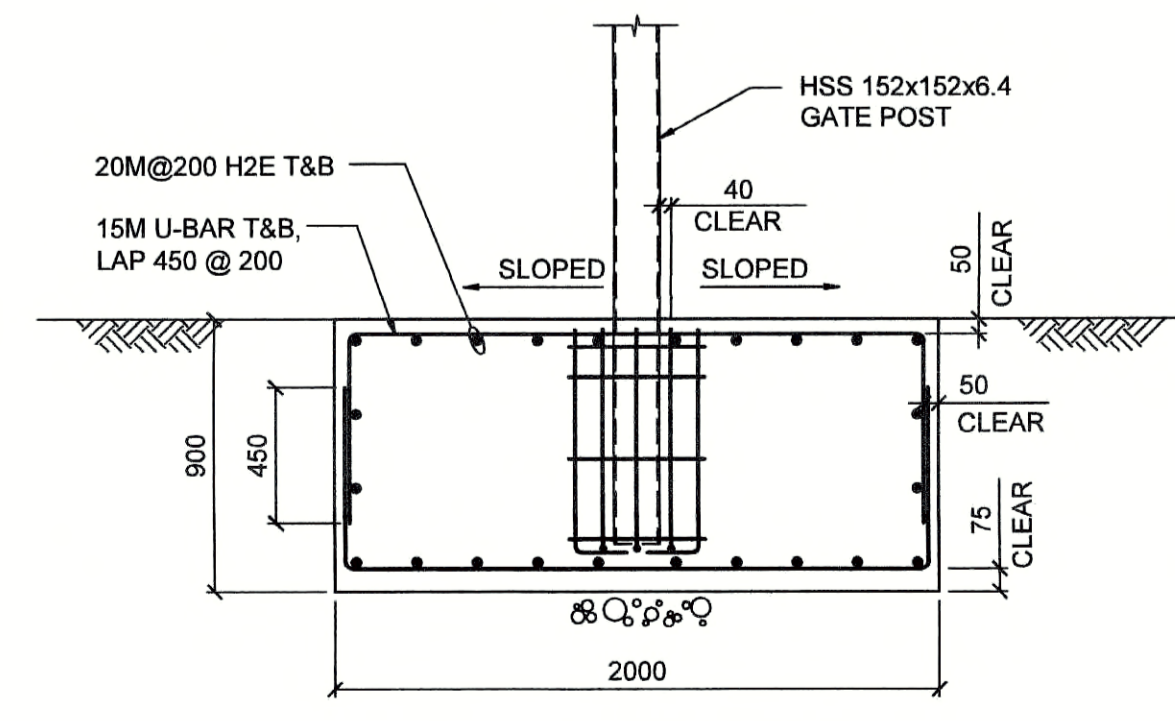
- NOTES:
- ALL HSS MEMBERS, BOLTS & NUTS AND ACCESSORIES SHALL BE HOT DIPPED GALVANIZED TO 600 g/m², "HDG" DENOTES HOT DIPPED GALVANIZED.
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 - SEE ARCH. DRAWING 601 TO 603 FOR GATE DIMENSIONS & DETAILS.



GATE 17 FOUNDATION PLAN
1:25



SECTION 1
1:25



SECTION 2
1:25



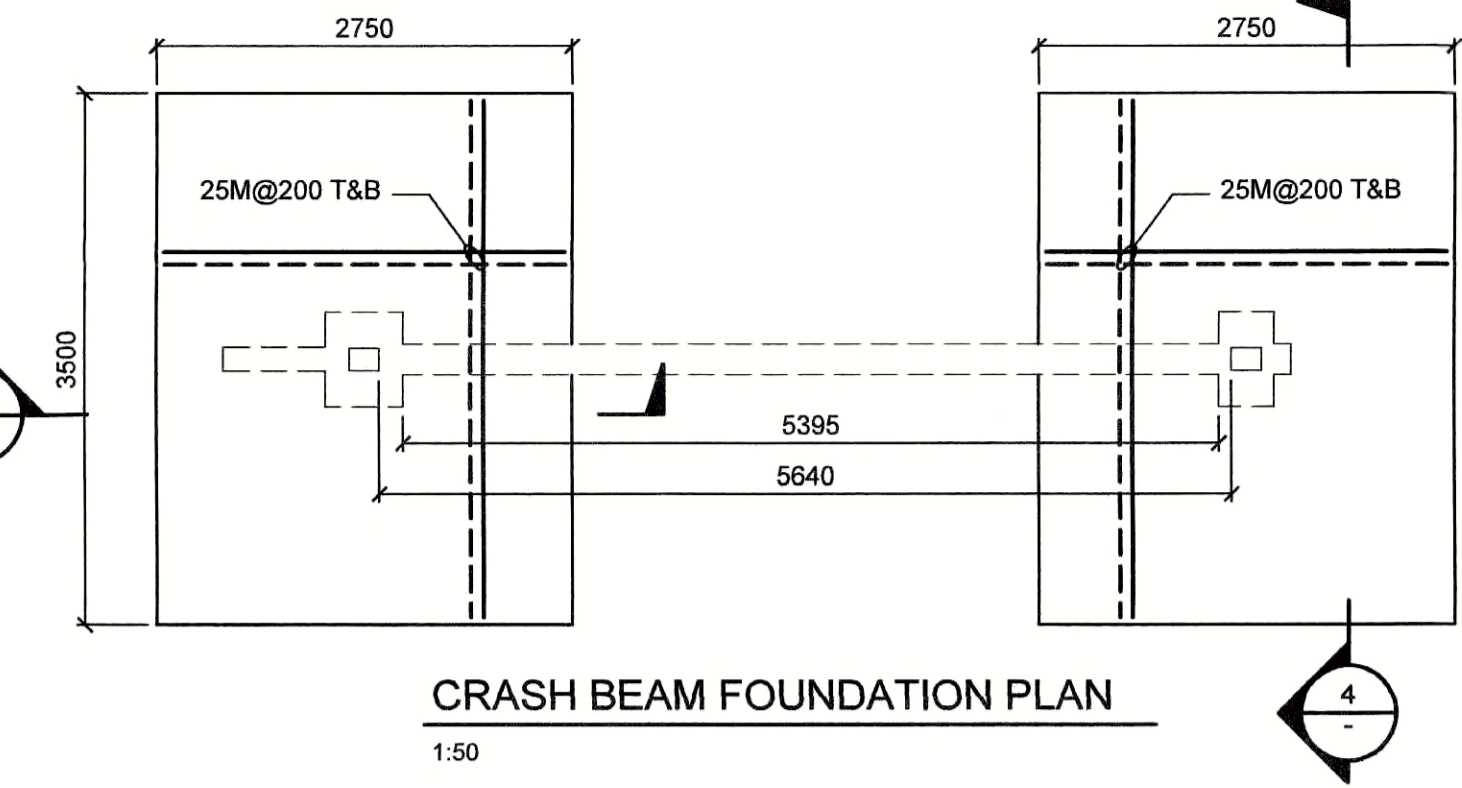
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 SUBGRADE MODULUS = 10000 kN/m³

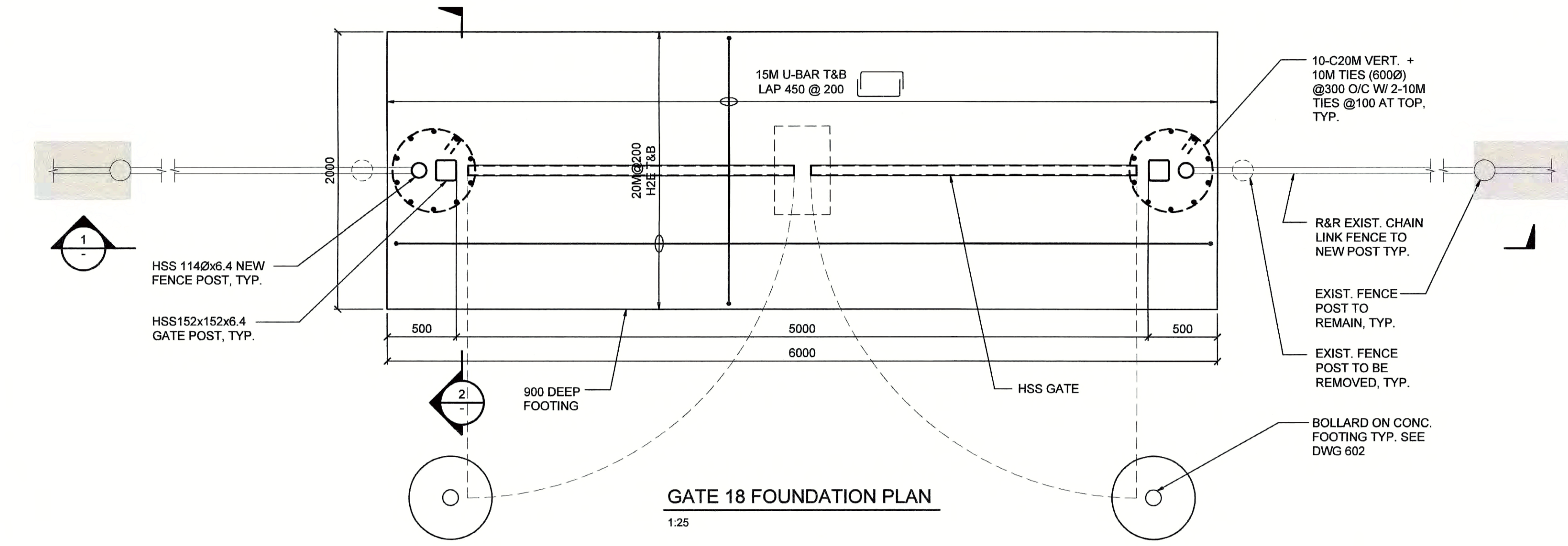
CONTRACTOR SHALL PAY FOR THE ABOVE SERVICES

CONCRETE GRADE:
 f_c' = 40 MPa (CATEGORY C1)

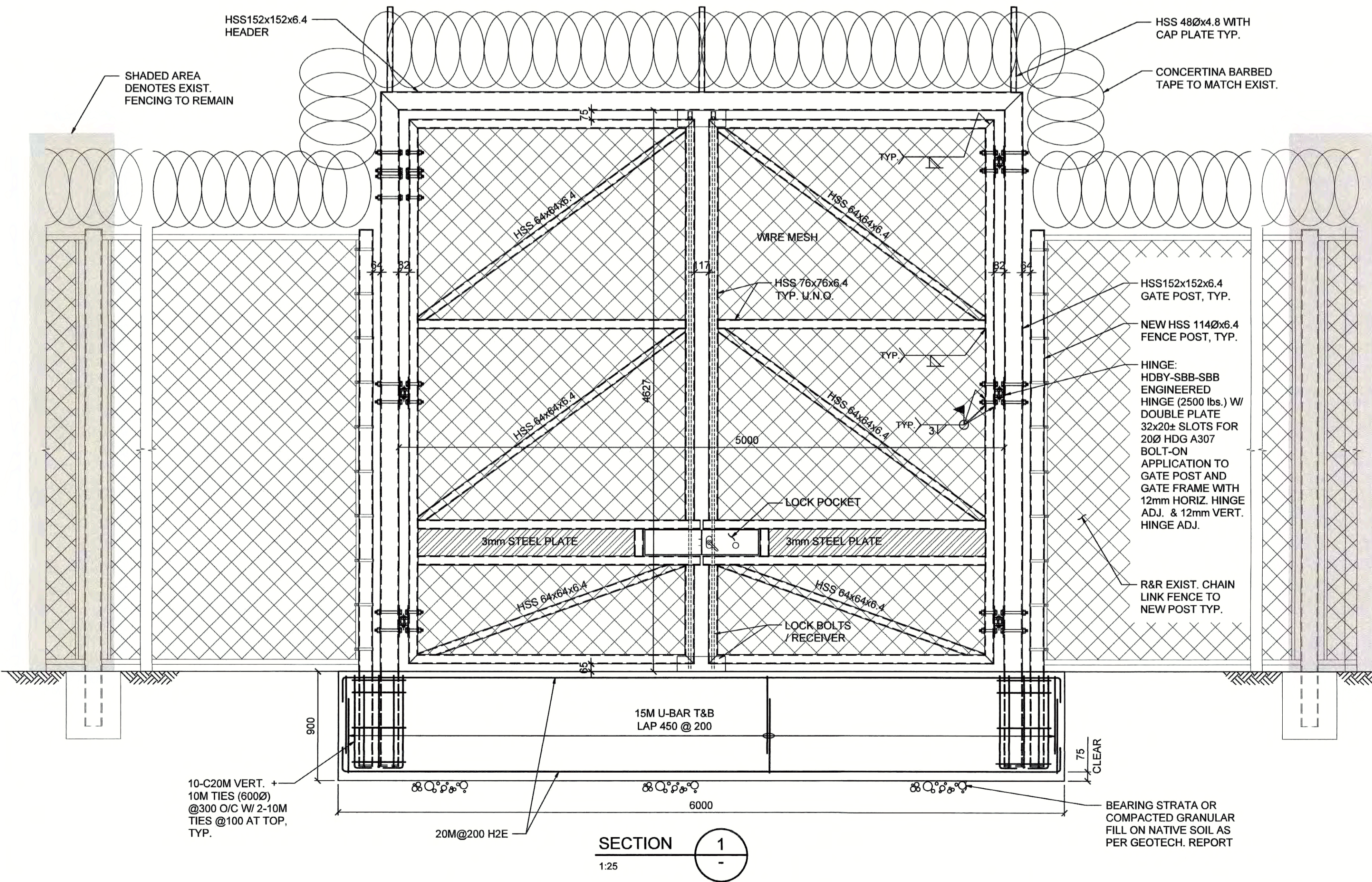
NOTES:
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 3. SEE ARCH. FOR GATE LOCK & GATE BOTTOM BOLT RECEIVER DETAILS
 4. SEE ARCH. DRAWING 601 TO 603 FOR GATE DIMENSIONS & DETAILS.



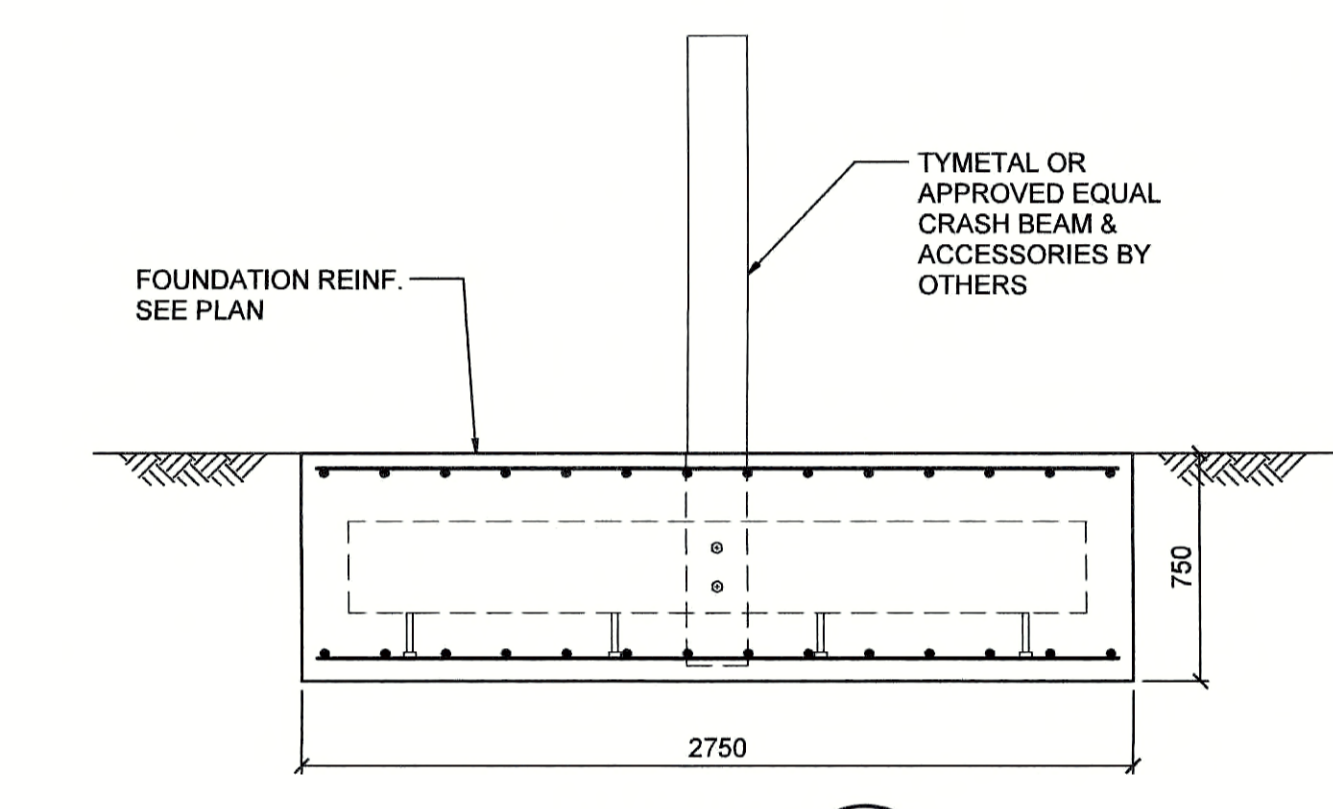
CRASH BEAM FOUNDATION PLAN
 1:50



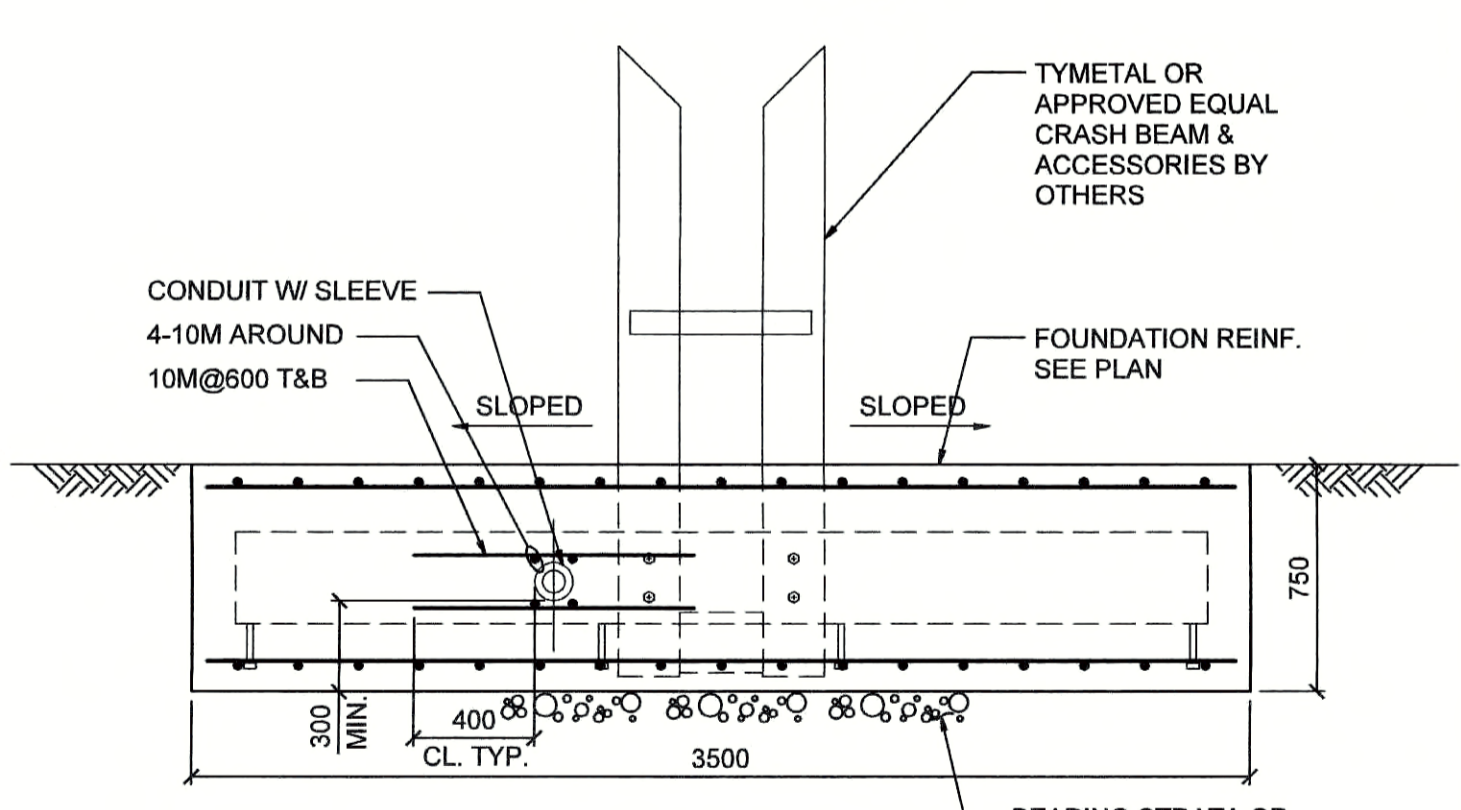
GATE 18 FOUNDATION PLAN
 1:25



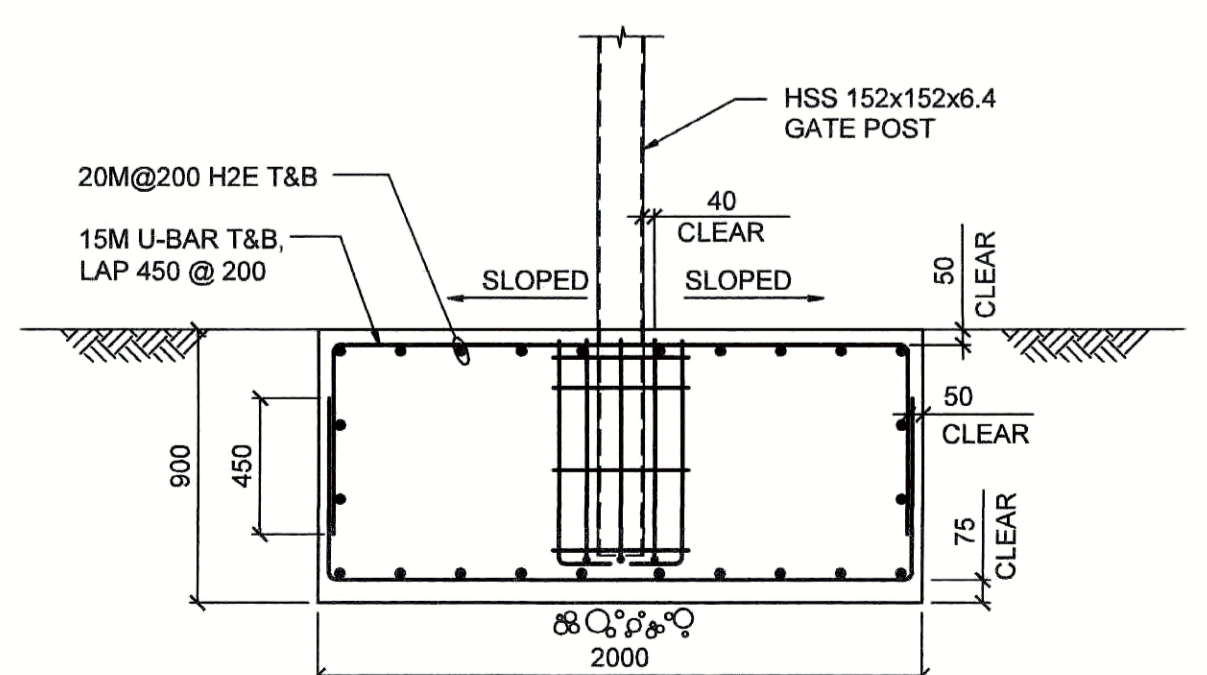
SECTION 1
 1:25



SECTION 3
 1:25



SECTION 4
 1:25



SECTION 2
 1:25



Revision/Revision	Description/Description	Date/Date
2	ISSUE FOR TENDER	2020/11/06
1	ISSUE FOR TENDER REVIEW	2020/06/30

Client/client
CORRECTIONAL SERVICE CANADA

Project title/Titre du projet
PACIFIC REGION PERIMETER FENCE UPGRADES

Consultant Approval Box Only
 Designed by/Concept par: L.L.
 Drawn by/Dessiné par: CAD
 PWGSC Project Manager/Administrateur de Projets TPSGC: DARYL SINCLAIR / TONY TANG
 Preetipal Paul, Services d'ingénierie, Architectural and Engineering Services / Services d'ingénierie, Services d'architectural et de génie, TPSGC: PREETIPAL PAUL

Drawing title/Titre du dessin
PACIFIC INSTITUTION GATE 18 PLAN & DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./No. de la révision
R.071529.001	PA-S203	3

