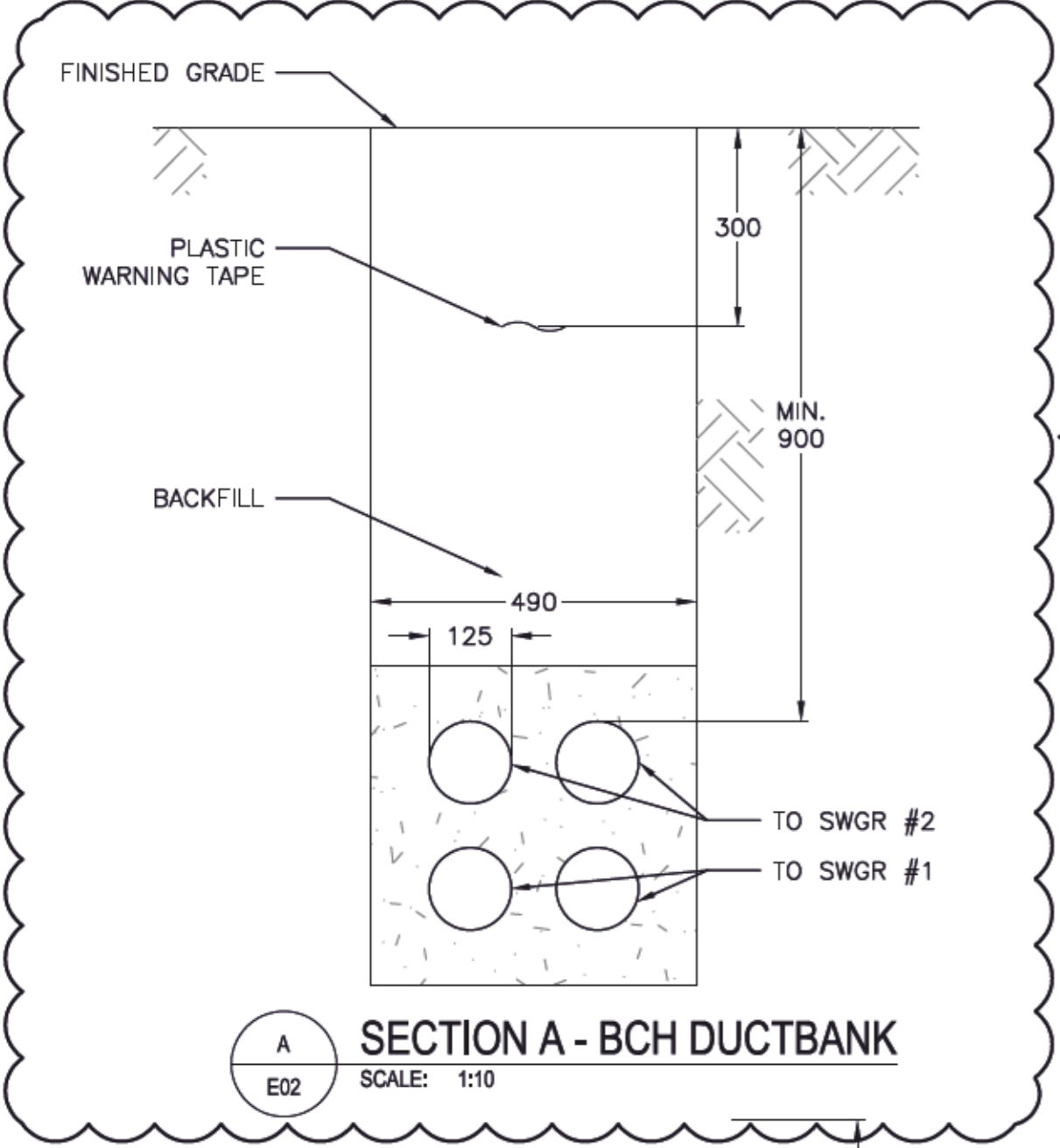


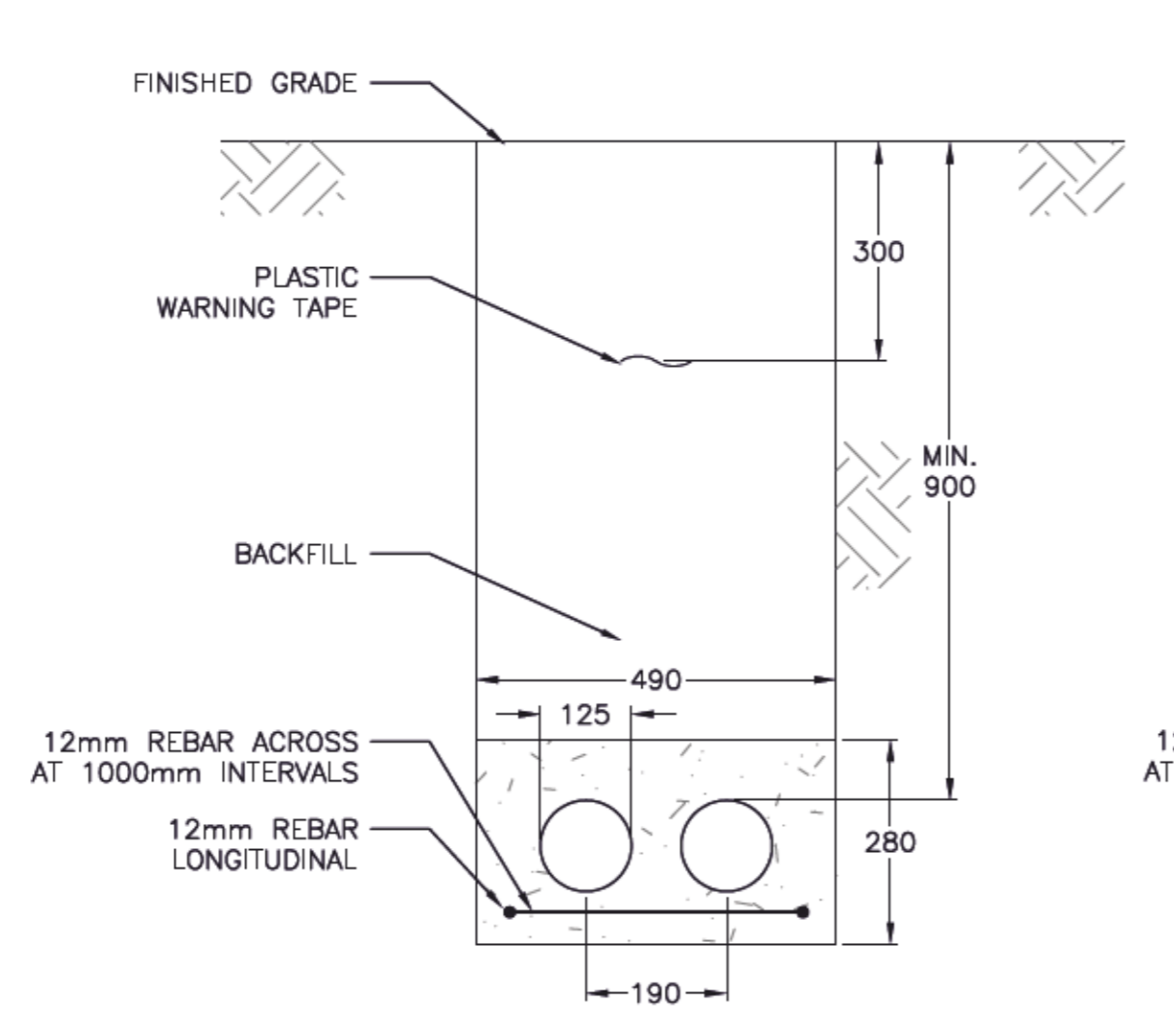
1 POD SWITCHGEAR - SITE PLAN
 SCALE: 1:100

GENERAL NOTES:
 1. CONCRETE PAD AND FENCELINE FOOTPRINT DIMENSIONS ARE APPROXIMATE AND SHALL DEPEND ON APPROVED POD SWITCHGEAR SHOP DRAWINGS.
 2. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

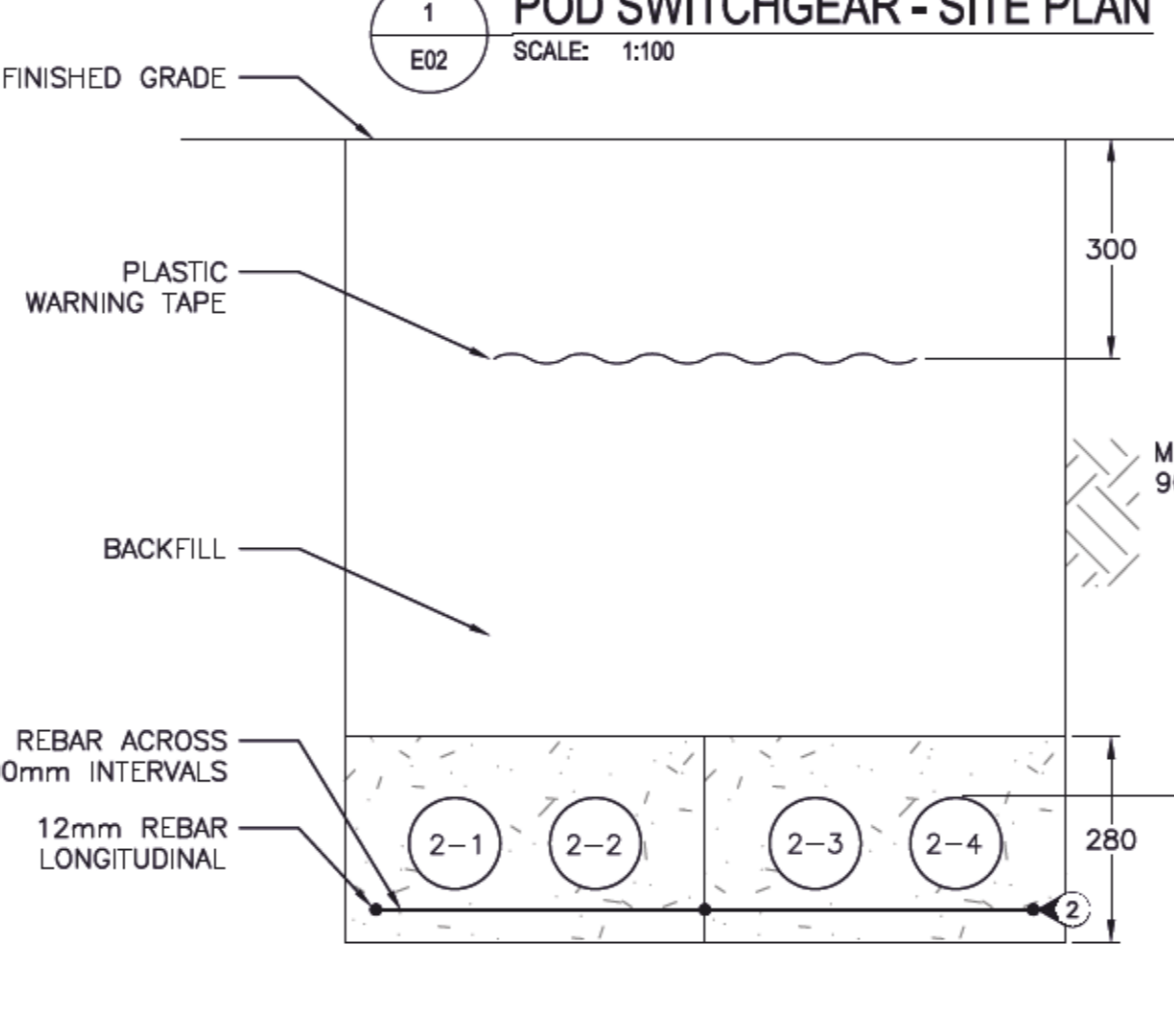
KEYNOTES:
 ① REFER TO BCH DWG. No. 500-U07-07888.
 ② CONNECT NEW LONGITUDINAL REBAR TO EXISTING TO MAKE ELECTRICALLY CONTINUOUS.
 ③ MAINTAIN AN EQUAL SLOPE FROM POD SWITCHGEAR A MINIMUM OF 1% TO MEET EXISTING EGD DUCTBANK.
 ④ 100mm RPVC DIRECT BURIED FOR BCH FIBRE. PENETRATE THROUGH DEMARC BUILDING.
 ⑤ BCH WILL TERMINATE ESQ 12F415 FEEDER IN EGD SWGR #1.
 ⑥ BCH WILL TERMINATE ESQ 12F411 FEEDER IN EGD SWGR #2.
 ⑦ 6x53mm RPVC DIRECT BURIED FROM DEMARC BUILDING TO 4 CORNER LIGHT STANDARDS FOR 120VAC OUTLETS, LIGHTS, CCTV, AND BCH METER CABINET. PENETRATE THROUGH DEMARC BUILDING TO PANELS INSIDE.
 ⑧ RUN FIBRE CABLE TO SES COMM. ROOM USING EXISTING UNDERGROUND INFRASTRUCTURE.
 ⑨ EXISTING SIGNAGE, ANCHOR, AND PEDESTAL TO BE REMOVED BY OTHERS.
 ⑩ BURY EXISTING CONDUITS UNDERGROUND. CAP AND SEAL.



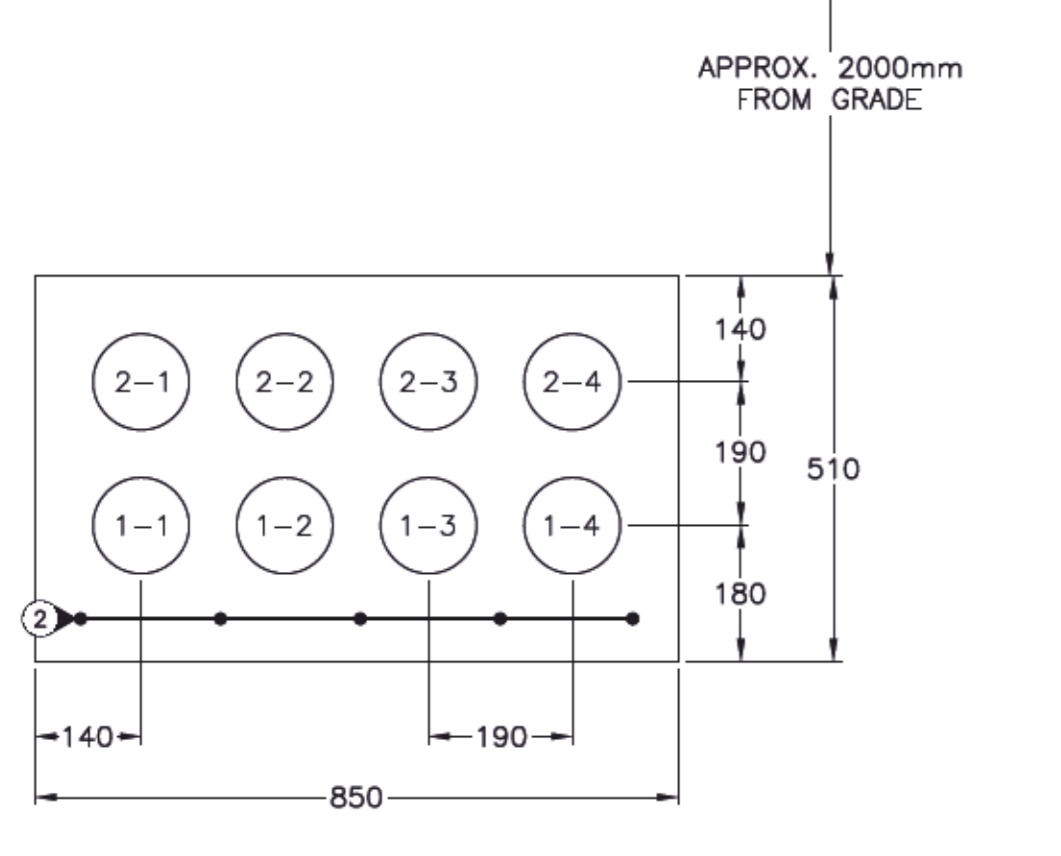
A SECTION A - BCH DUCTBANK
 SCALE: 1:10



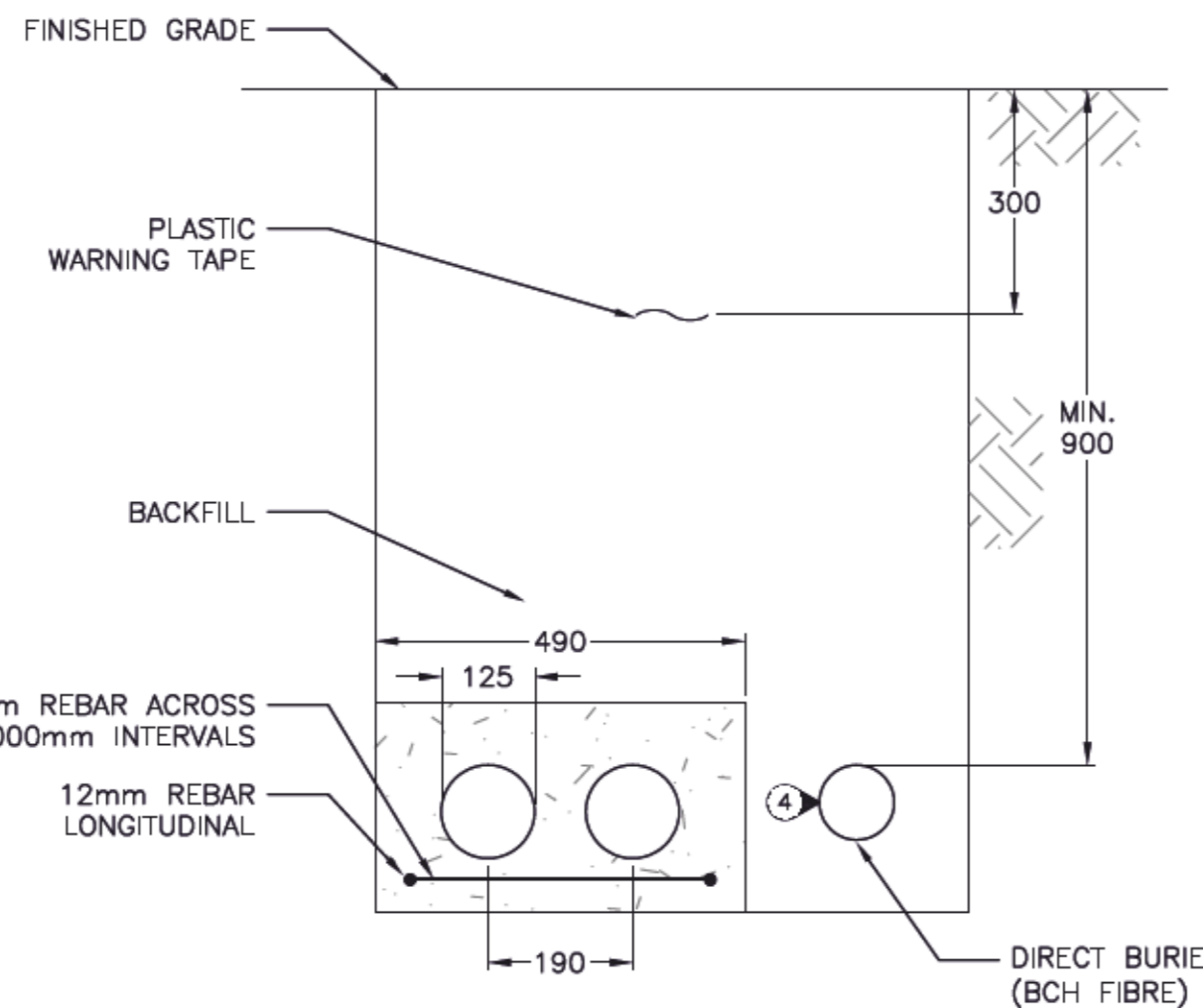
B SECTION B - EGD DUCTBANK
 SCALE: 1:10



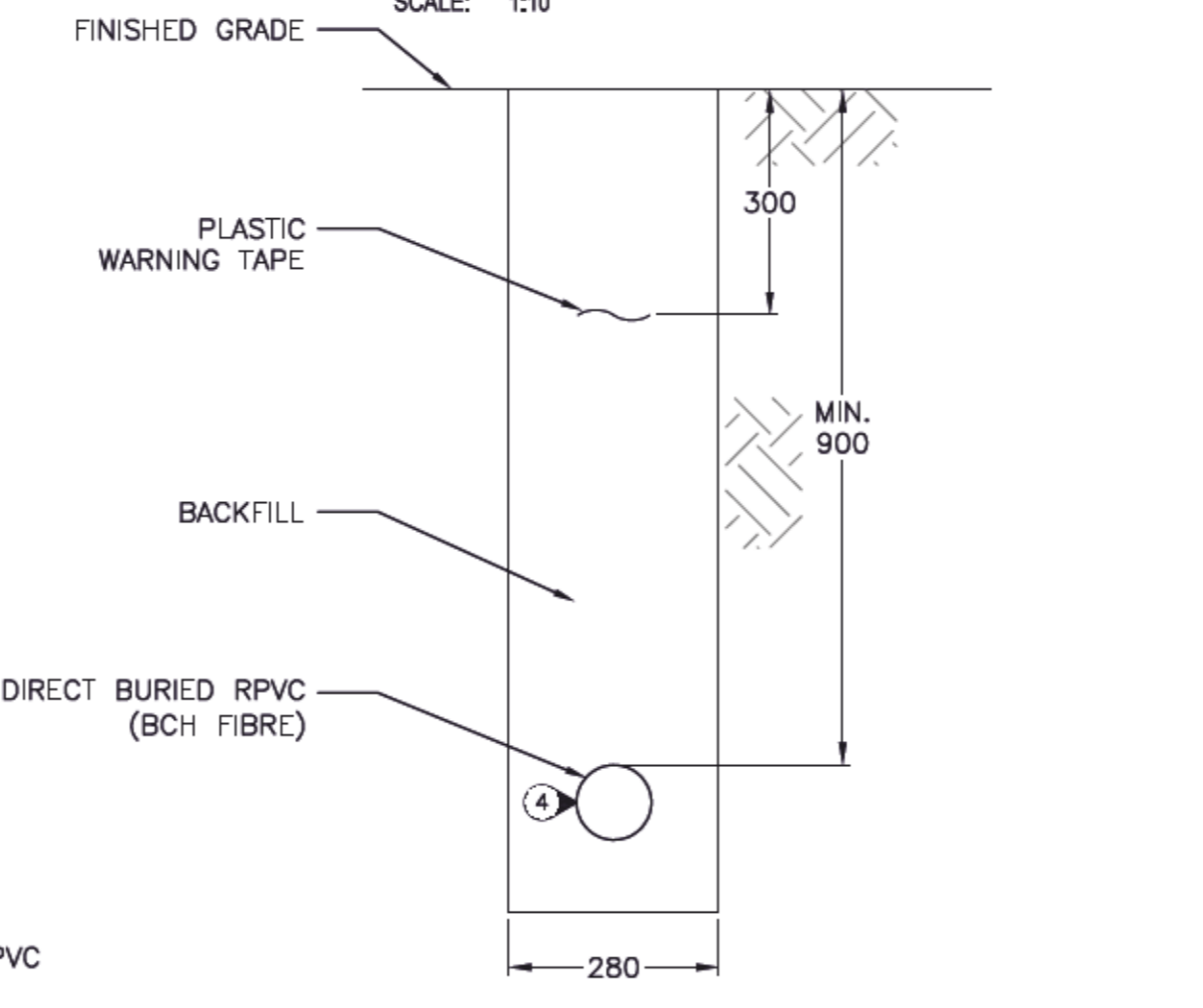
C SECTION C - POD SWITCHGEAR DUCTBANKS TO EXISTING EGD DUCTBANK
 SCALE: 1:10



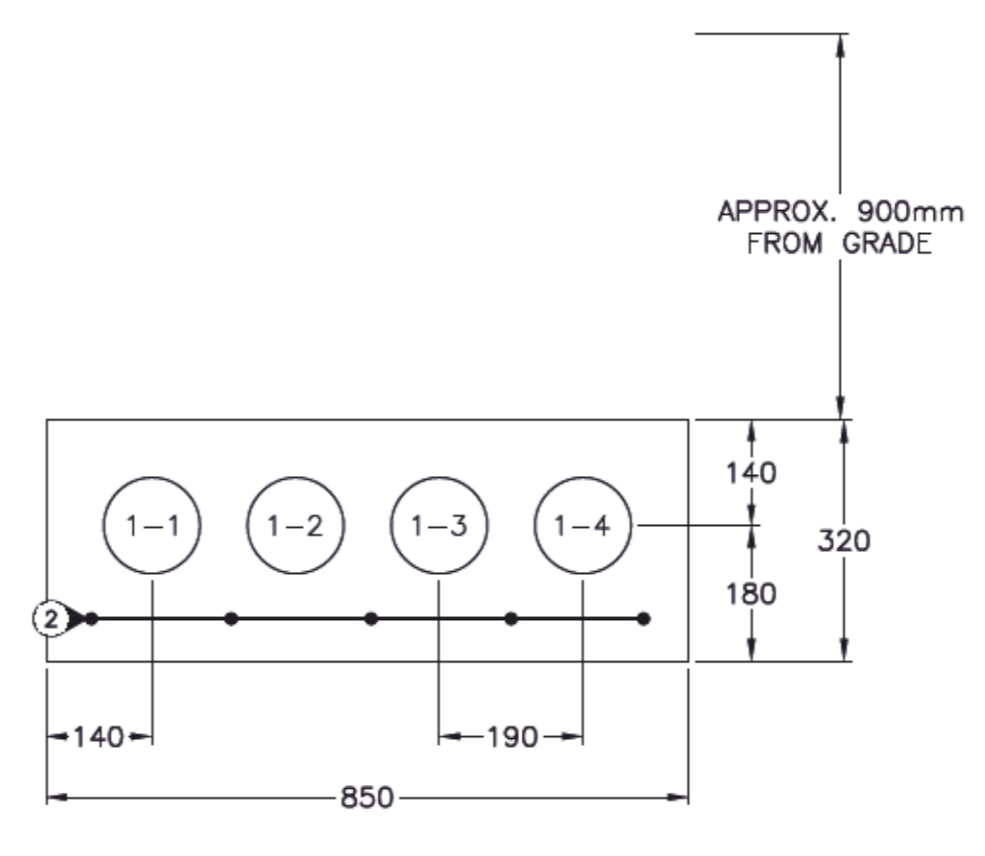
D SECTION D - EXISTING EGD DUCTBANK
 SCALE: 1:10



E SECTION E - EGD DUCTBANK
 SCALE: 1:10



F SECTION F - BCH FIBRE
 SCALE: 1:10



G SECTION G - NEW EGD DUCTBANK TO PROPERTY LINE STUB-OFF
 SCALE: 1:10



5		
4		
3	ISSUED FOR TENDER	18/12/11
2	ISSUED FOR 75% REVIEW	18/11/21
1	ISSUED FOR 50% REVIEW	18/10/10
0	ISSUED FOR BCH PRE-REVIEW	18/05/09
Revision/	Description/Description	Date/Date

Client/Client:
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
 825 ADMIRALS ROAD
 VICTORIA, BC

Project Title/Titre du projet
ESQUIMALT GRAVING DOCK (EGD) REPLACE MAIN DISTRIBUTION LINE (RMDL)

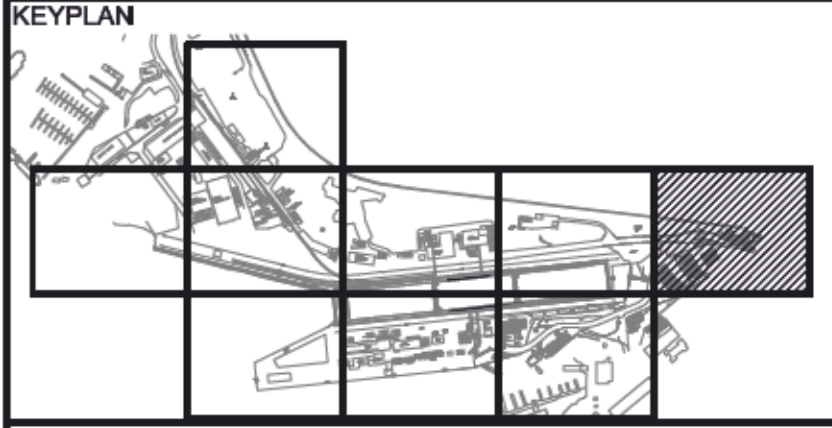
B.C. HYDRO (BCH) POINT OF DELIVERY (POD) SWITCHGEAR

Consultant/Signature Box Only
 Designed by/Concept par
G. PETERSON / T. DAVIDSON
 Drawn by/Dessiné par
P. PARANPAN
 PWGSC Project Manager/Administrateur de Projets TPSGC
STEVE WINDL
 PWGSC Regional Manager, Architectural and Engineering Services/
 Gestionnaire régional, Services d'architectural et de génie, TPSGC
PREETIPAL PAUL

Drawing Title/Titre du dessin
POD SWITCHGEAR SITE PLAN

Project No./No. du projet R.090408.001	Sheet/feuille E02	Revision no./La Révision no. 3
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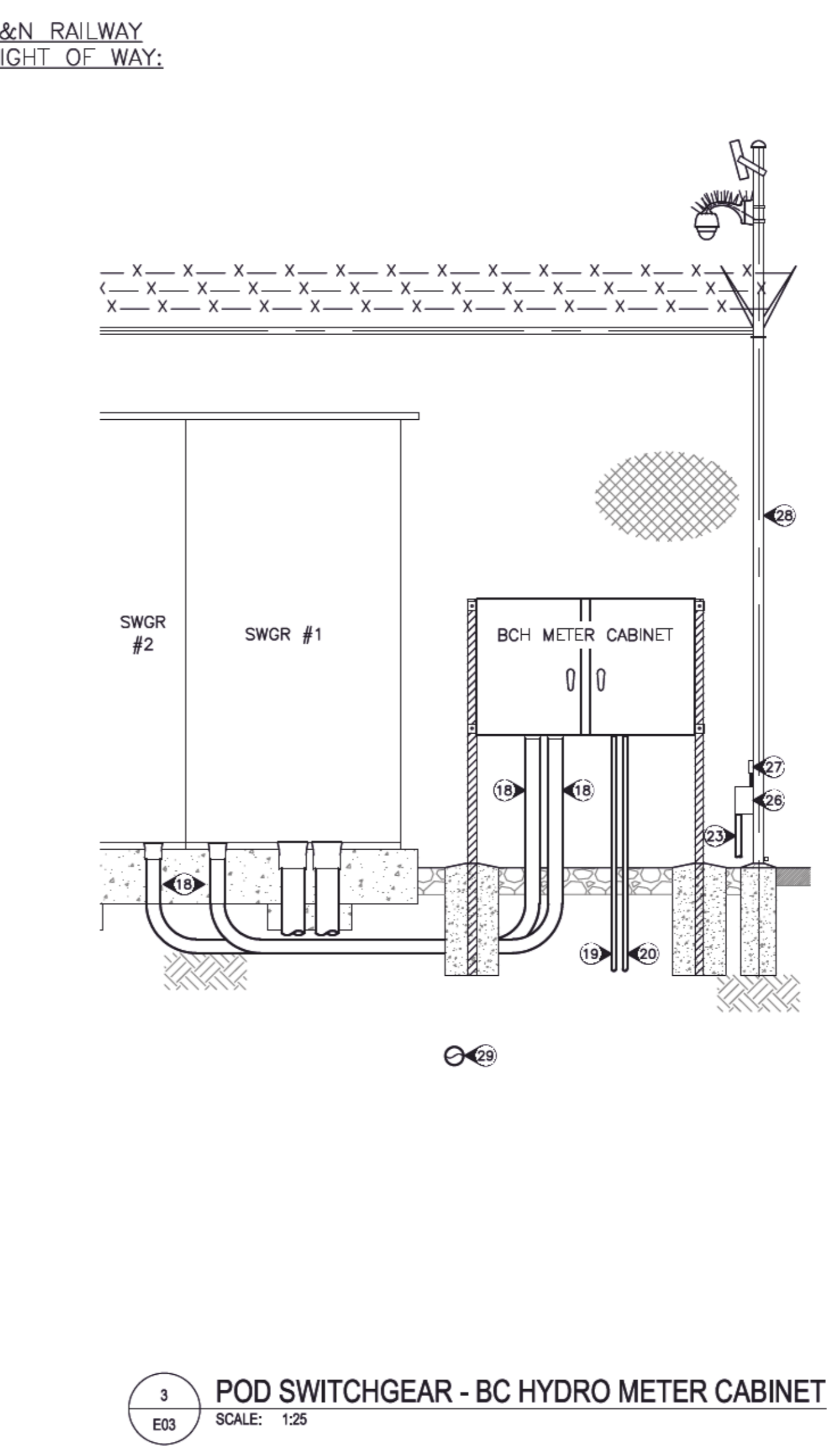
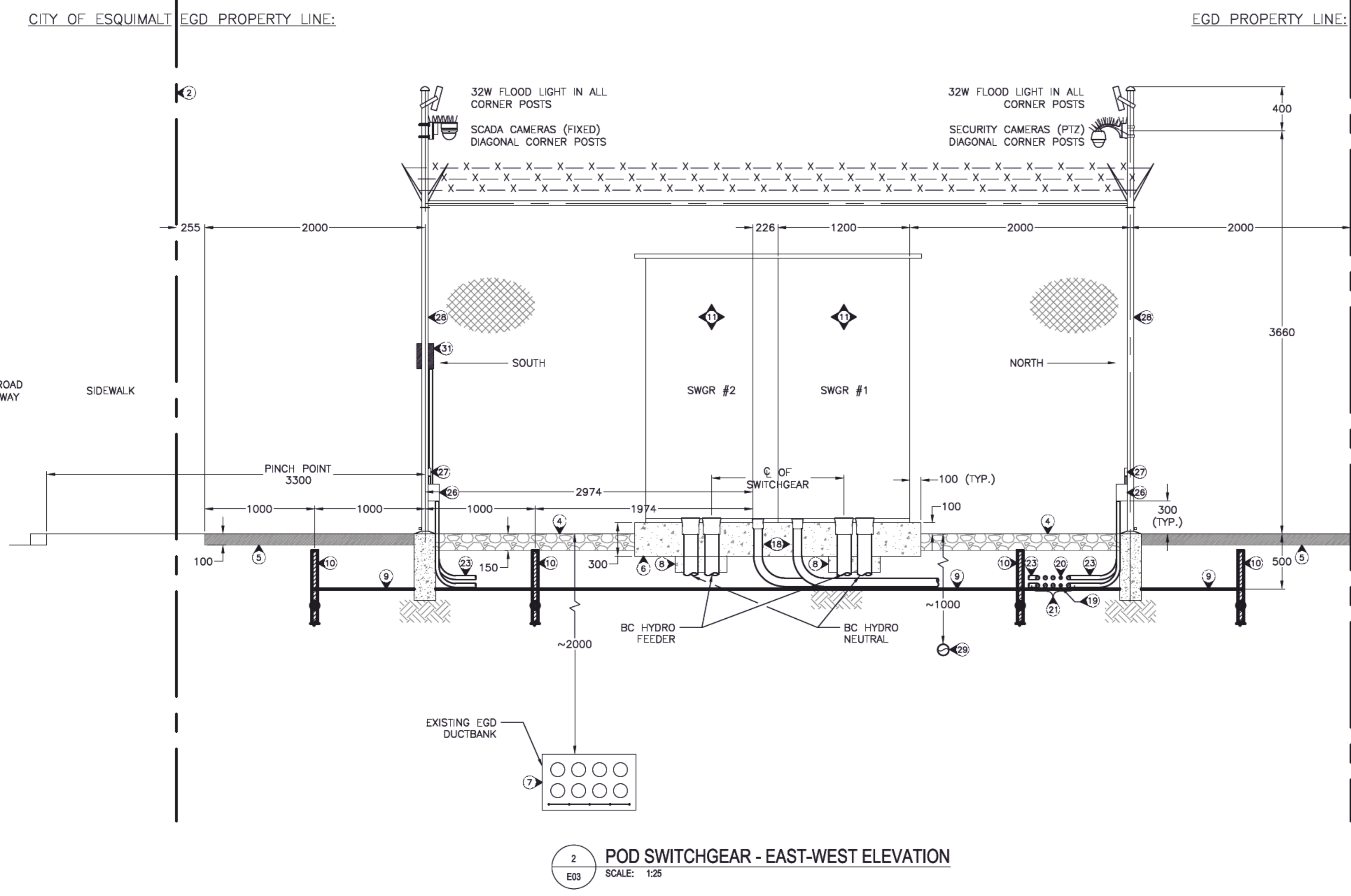
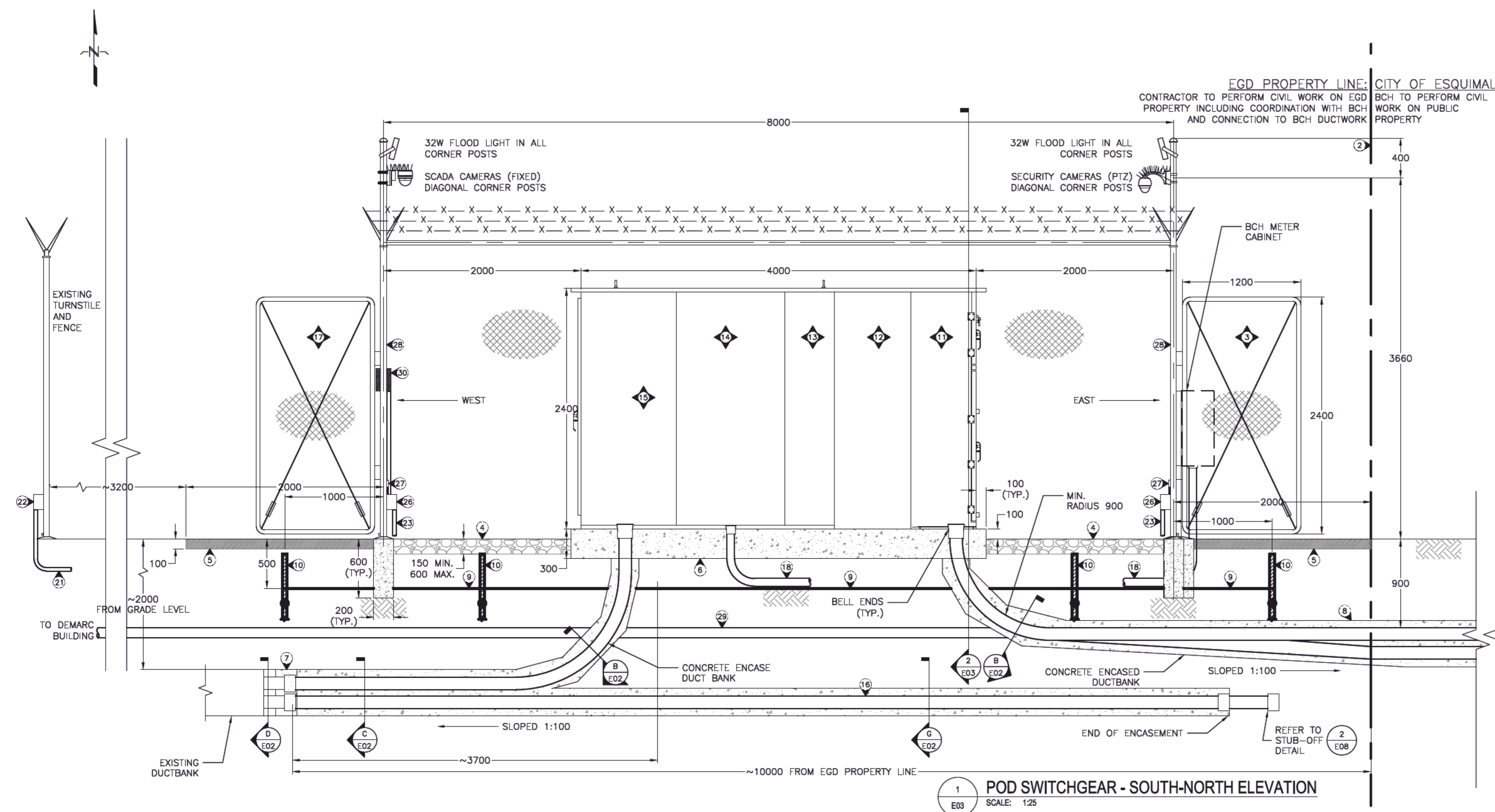
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GENERAL NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

- KEYNOTES:**
- BCH 1232 PULL BOX PROVIDED BY BCH.
 - PROPERTY LINE. DEMARCATION OF BCH AND EGD CIVIL WORKS.
 - TWO (2) 1200mm FENCE GATES IN LINE WITH BC HYDRO SERVICE ENTRANCE SECTIONS OF PoD SWITCHGEAR.
 - SUBSTATION GRADE CRUSHED STONE TO 150mm DEPTH INSIDE STATION FENCE AREA.
 - ASPHALT PAVEMENT TO 100mm DEPTH 2000mm OUTSIDE STATION FENCE PERIMETER.
 - REINFORCED CONCRETE PAD 300mm THICK AND 100mm ABOVE GRADE. FOOT PRINT 100mm LARGER THAN PoD SWITCHGEAR FOOTPRINT. EXACT DIMENSIONS TO BE DETERMINED AFTER BCH APPROVAL OF PoD SWITCHGEAR SHOP DRAWINGS. REFER TO STRUCTURAL DRAWINGS.
 - CONNECT NEW DUCTWORK FROM PoD SWITCHGEAR TO EXISTING EGD DUCTWORK. ENSURE NO DUCTBANK VOIDS AT CONCRETE ENCASEMENT JUNCTION.
 - CONNECT NEW DUCTWORK FROM PoD SWITCHGEAR TO BCH DUCTBANK AT EGD PROPERTY LINE. COORDINATE WITH BCH AS REQUIRED.
 - GROUND GRID BURIED 500mm BELOW GRADE. REFER TO SHEET E04 FOR GROUND SYSTEM DETAILS.
 - GROUNDING ELECTRODE (3000mm LENGTH). REFER TO SHEET E04 FOR GROUNDING SYSTEM DETAILS.
 - BC HYDRO SERVICE ENTRANCE SECTION UTILITY INCOMING DUCT FOR THREE PHASE CABLES TO BE LOCATED DIRECTLY UNDER EQUIPMENT MIDDLE PHASE BUSHING. INCOMING DUCT FOR NEUTRAL TO BE LOCATED UNDER EQUIPMENT NEUTRAL BUS. EXACT LOCATIONS TO BE DETERMINED AFTER BCH APPROVAL OF PoD SWITCHGEAR SHOP DRAWINGS.
 - VACUUM FAULT INTERRUPTER SECTION.
 - TRANSITION SECTION.
 - UTILITY METERING SECTION.
 - EGD CABLE EXIT SECTION. EXIT DUCT FOR THREE PHASE CABLES TO BE LOCATED DIRECTLY UNDER EQUIPMENT MIDDLE PHASE BUSHING. EXIT DUCT FOR NEUTRAL AND OTHER WIRING TO BE LOCATED UNDER EQUIPMENT NEUTRAL BUS. EXACT LOCATIONS TO BE DETERMINED AFTER BCH APPROVAL OF PoD SWITCHGEAR SHOP DRAWINGS.
 - CONNECT NEW DUCT BANK FROM EXISTING EGD DUCTWORK. STUB OUT AT EGD PROPERTY LINE.
 - ONE (1) 1200mm SWING FENCE GATE WITH CARD ACCESS FOR EGD ACCESS

- KEYNOTES CONTINUED:**
- TWO 78mm RPVC FROM UTILITY SECTION OF PoD SWGR #1 AND SWGR #2 TO BCH METER CABINET. MINIMUM 450mm BELOW GRADE.
 - ONE 27mm RPVC FROM BCH METER CABINET TO LV JUNCTION BOX INSIDE TURNSTILE FENCE. MINIMUM 450mm BELOW GRADE.
 - ONE 27mm RPVC FROM BCH METER CABINET TO COMM JUNCTION BOX INSIDE TURNSTILE FENCE. MINIMUM 450mm BELOW GRADE.
 - EIGHT 35mm RPVC (POWER, COMM) FROM CORNER FENCEPOST JUNCTION BOXES AND TWO 27mm RPVC FROM BCH METER CABINET AND ONE 27mm RPVC FOR CARD ACCESS TO EGD SWING AND SLIDING FENCE GATES. ALL TO LV AND COMM JUNCTION BOXES INSIDE TURNSTILE FENCE. MINIMUM 450mm BELOW GRADE.
 - ONE EACH NEMA 4X JUNCTION BOXES FOR POWER AND COMM CONDUIT TRANSITIONING FROM DIRECT BURIED TO OVERHEAD.
 - TWO (2) 35mm RPVC (POWER, COMM) TO JUNCTION BOXES (POWER, COMM) AT BASE OF EACH OF FOUR LIGHT STANDARDS USED AS FENCE CORNER POSTS FOR PoD SWITCHGEAR.
 - (NOT USED)
 - (NOT USED)
 - NEMA 4X JUNCTION BOXES (POWER, COMM). ONE (1) EACH TYPICAL AT BASE OF EACH OF FOUR LIGHT STANDARDS USED AS CORNER POSTS.
 - 120VAC 20A GFI OUTDOOR RATED DUPLEX CONVENIENCE OUTLETS MOUNTED ON EACH OF FOUR LIGHT STANDARDS ABOVE LV JUNCTION BOX.
 - WIRING INSIDE LIGHT STANDARD FROM LV JUNCTION BOX TO LUMINAIRE (POWER) AND FROM COMM JUNCTION BOX TO CAM (CCTV) DIRECTLY UNDER LUMINAIRE. MAINTAIN SEPARATION OF SYSTEMS.
 - ONE 103mm RPVC FROM BCH STUB OUT. CONDUIT TO TRANSITION FROM DIRECT BURIED TO OVERHEAD AT TURNSTILE FENCE. ATTACHED TO OUTSIDE WALL OF DEMARC BUILDING AND ENTERING THROUGH BUILDING TO EXISTING COMM DUCTBANK.
 - INSTALL CARD ACCESS AT SWING GATE (ENTER, EXIT). ONE 27mm RPVC FROM COMM PULLBOX AT TURNSTILE FENCE TO JUNCTION BOX AT BASE OF FENCEPOST. INSTALL CAT6 WIRING AND CONNECT FOR CIRCUIT OPERATION.
 - INSTALL CARD ACCESS AT SLIDING GATES (ENTER, EXIT). ONE 27mm RPVC FROM JUNCTION BOX AT BASE OF SWING GATE FENCEPOST. INSTALL CAT6 WIRING AND CONNECT FOR CIRCUIT OPERATION.



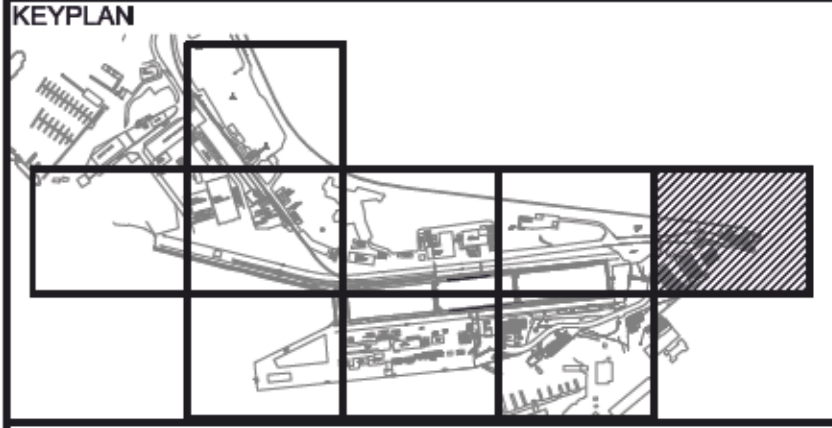
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5		
4		
3	ISSUED FOR TENDER	18/12/11
2	ISSUED FOR 75% REVIEW	18/11/21
1	ISSUED FOR 50% REVIEW	18/10/10
0	ISSUED FOR BCH PRE-REVIEW	18/05/09
Revision/	Description/Description	Date/Date
Client/Client:		
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA 825 ADMIRALS ROAD VICTORIA, BC		
Project Title/Titre du projet		
ESQUIMALT GRAVING DOCK (EGD) REPLACE MAIN DISTRIBUTION LINE (RMDL)		
Project Title/Titre du projet		
B.C. HYDRO (BCH) POINT OF DELIVERY (POD) SWITCHGEAR		
Consultant/Signature Box Only		
Designed by/Concept par		
G. PETERSON / T. DAVIDSON		
Drawn by/Dessiné par		
P. PARANPAN		
PWSC Project Manager/Adm/Int/ricreux de Projets TPSGC		
STEVE WINDL		
PWSC Regional Manager, Architectural and Engineering Services/ Gérant régional, Services d'architecture et de génie, TPSGC		
PREETPAL PAUL		
Drawing Title/Titre du dessin		
POD SWITCHGEAR ELEVATIONS		
Project No./No. du projet	Sheet/feuille	Revision no./ La Révision no.
R.090408.001	E03	3

GENERAL NOTES:
1. CONCRETE PAD AND FENCELINE FOOTPRINT DIMENSIONS ARE APPROXIMATE AND SHALL DEPEND ON APPROVED POD SWITCHGEAR SHOP DRAWINGS
2. ALL DIMENSIONS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED.

POD SWITCHGEAR GROUNDING KEYNOTES:

- STATION FENCE AND GATES BONDED TO GROUNDING COUNTERPOISE SYSTEM AT CORNERS AND 4m INTERVALS.
- GROUNDING COUNTERPOISE BURIED 500mm BELOW GRADE LEVEL.
- GROUNDING ELECTRODES SPACED AT LEAST ONE ROD LENGTH (3m) APART (TYP.). PROVIDE FOUR (4) TEST PITS - ONE AT EACH OUTER CORNER
- 100mm ASPHALT COVERING EXTENDING 2000mm OUTSIDE STATION FENCE AND 100mm BEYOND GROUNDING COUNTERPOISE.
- 150mm SUBSTATION GRADE CRUSHED ROCK COVERING INSIDE SUBSTATION FENCE.
- GROUNDING AND BONDING OF POD SWITCHGEAR IN ACCORDANCE WITH BC HYDRO DISTRIBUTION STANDARDS.
- REINFORCING BAR IN CONCRETE PAD SHALL BE ELECTRICALLY CONTINUOUS AND BONDED TO GROUND COUNTERPOISE AT 3m INTERVALS.
- POD SWITCHGEAR GROUND BUS BONDED TO GROUNDING COUNTERPOISE SYSTEM WITH 2/0 COPPER PITGALS IN LOCATIONS SHOWN.
- ALL ADJACENT ABOVE AND UNDERGROUND METALLIC STRUCTURES WITHIN 2000mm OF STATION FENCE SHALL BE BONDED TO GROUNDING SYSTEM COUNTERPOISE WITH 2/0 COPPER CABLE.
- ALL GROUNDING COUNTERPOISE CONNECTIONS TO BE PRE-FILLED WITH OXIDE INHIBITOR PRIOR TO COMPRESSION.
- GROUNDING SYSTEM SHALL BE IN ACCORDANCE WITH CURRENT EDITIONS OF CANADIAN ELECTRICAL CODE AND BC HYDRO DISTRIBUTION STANDARDS FOR PRIMARY SERVICE ENTRANCE EQUIPMENT.
- CARD ACCESS (EGD ENTER & EXIT).
- BCH PADLOCKED (BCH ACCESS ONLY).
- MAINTAIN BUILDING ENVELOPE. SEAL PENETRATIONS WATER TIGHT.
- TWO 78mm RPVC FROM UTILITY SECTION OF POD SWGR #1 AND SWGR #2 TO BCH METER CABINET. MINIMUM 450mm BELOW GRADE.
- ONE 27mm RPVC FROM BCH METER CABINET TO LV JUNCTION BOX INSIDE TURNSTILE FENCE. MINIMUM 450mm BELOW GRADE.
- ONE 27mm RPVC FROM BCH METER CABINET TO COMM JUNCTION BOX INSIDE TURNSTILE FENCE. MINIMUM 450mm BELOW GRADE.
- EIGHT 35mm RPVC (POWER, COMM) FROM CORNER FENCEPOST JUNCTION BOXES AND TWO 27mm RPVC FROM BCH METER CABINET AND ONE 27mm RPVC FOR CARD ACCESS TO EGD SWING AND SLIDING FENCE GATES. ALL TO LV AND COMM JUNCTION BOXES INSIDE TURNSTILE FENCE. MINIMUM 450mm BELOW GRADE.
- ONE EACH NEMA 4X JUNCTION BOXES FOR POWER AND COMM CONDUIT TRANSITIONING FROM DIRECT BURIED TO OVERHEAD.
- TWO 35mm RPVC (POWER, COMM) TO JUNCTION BOXES (POWER, COMM) AT BASE OF EACH OF FOUR LIGHT STANDARDS USED AS FENCE CORNER POSTS FOR POD SWITCHGEAR.
- (NOT USED)
- (NOT USED)
- 4X JUNCTION BOXES (POWER, COMM). ONE (1) EACH TYPICAL AT BASE OF EACH OF FOUR LIGHT STANDARDS USED AS CORNER POSTS.
- 120VAC 20A GF1 OUTDOOR RATED DUPLEX CONVENIENCE OUTLETS MOUNTED ON EACH OF FOUR LIGHT STANDARDS ABOVE LV JUNCTION BOX.
- WIRING INSIDE LIGHT STANDARD FROM LV JUNCTION BOX TO LUMINAIRE (POWER) AND FROM COMM JUNCTION BOX TO CAM (CCTV) DIRECTLY UNDER LUMINAIRE. MAINTAIN SEPARATION OF SYSTEMS.
- ONE 103mm RPVC FROM BCH STUB OUT. CONDUIT TO TRANSITION FROM DIRECT BURIED TO OVERHEAD AT TURNSTILE FENCE. ATTACHED TO OUTSIDE WALL OF DEMARC BUILDING AND ENTERING THROUGH BUILDING TO EXISTING COMM DUCTBANK.
- TWO 53mm RPVC (POWER, COMM) AND ONE 35mm RPVC (BCH FIBER) SECURELY ATTACHED TO EXISTING FENCES AND SECURELY ATTACHED TO DEMARC BUILDING BELOW EAVES.
- ONE 53mm RPVC (POWER) TO NEW 4 POST RACK INSIDE DEMARC BUILDING.
- REPLACE EXISTING 2 POST RACK WITH NEW 4 POST RACK. PROVIDE WIRING AND CONNECT AS REQUIRED FOR SCADA, CCTV, AND CARD ACCESS OPERATION. PROVIDE MEDIA CONVERTERS.
- ONE 53mm RPVC (POWER) TO EXISTING LV PANEL. INSTALL ONE 120VAC 15A BREAKER (4 LUMINAIRES) AND TWO 120VAC 20A BREAKERS (4 POWER OUTLETS). INSTALL ALL WIRING AS REQUIRED FOR OPERATION.
- INSTALL PHOTOCELL CIRCUIT WITH MANUAL OVERRIDE FOR LUMINAIRES.
- ONE 103mm RPVC (BCH FIBER) THROUGH DEMARC BUILDING TO EXISTING COMM DUCTBANK. INSTALL BCH FIBER PROVIDED FROM DEMARC BUILDING TO FIBRE PANEL 1C IN SES.
- INSTALL CARD ACCESS AT SWING GATE (ENTER,EXIT). ONE 27mm RPVC FROM COMM PULLBOX AT TURNSTILE FENCE TO JUNCTION BOX AT BASE OF FENCEPOST. INSTALL CAT6 WIRING AND CONNECT FOR CIRCUIT OPERATION.
- INSTALL CARD ACCESS AT SLIDING GATES (ENTER, EXIT). ONE 27mm RPVC FROM JUNCTION BOX AT BASE OF SWING GATE FENCEPOST. INSTALL CAT6 WIRING AND CONNECT FOR CIRCUIT OPERATION.



Revision	Description/Description	Date/Date
5		
4		
3	ISSUED FOR TENDER	18/12/11
2	ISSUED FOR 75% REVIEW	18/11/21
1	ISSUED FOR 50% REVIEW	18/10/10
0	ISSUED FOR BCH PRE-REVIEW	18/05/09

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
825 ADMIRALS ROAD
VICTORIA, BC

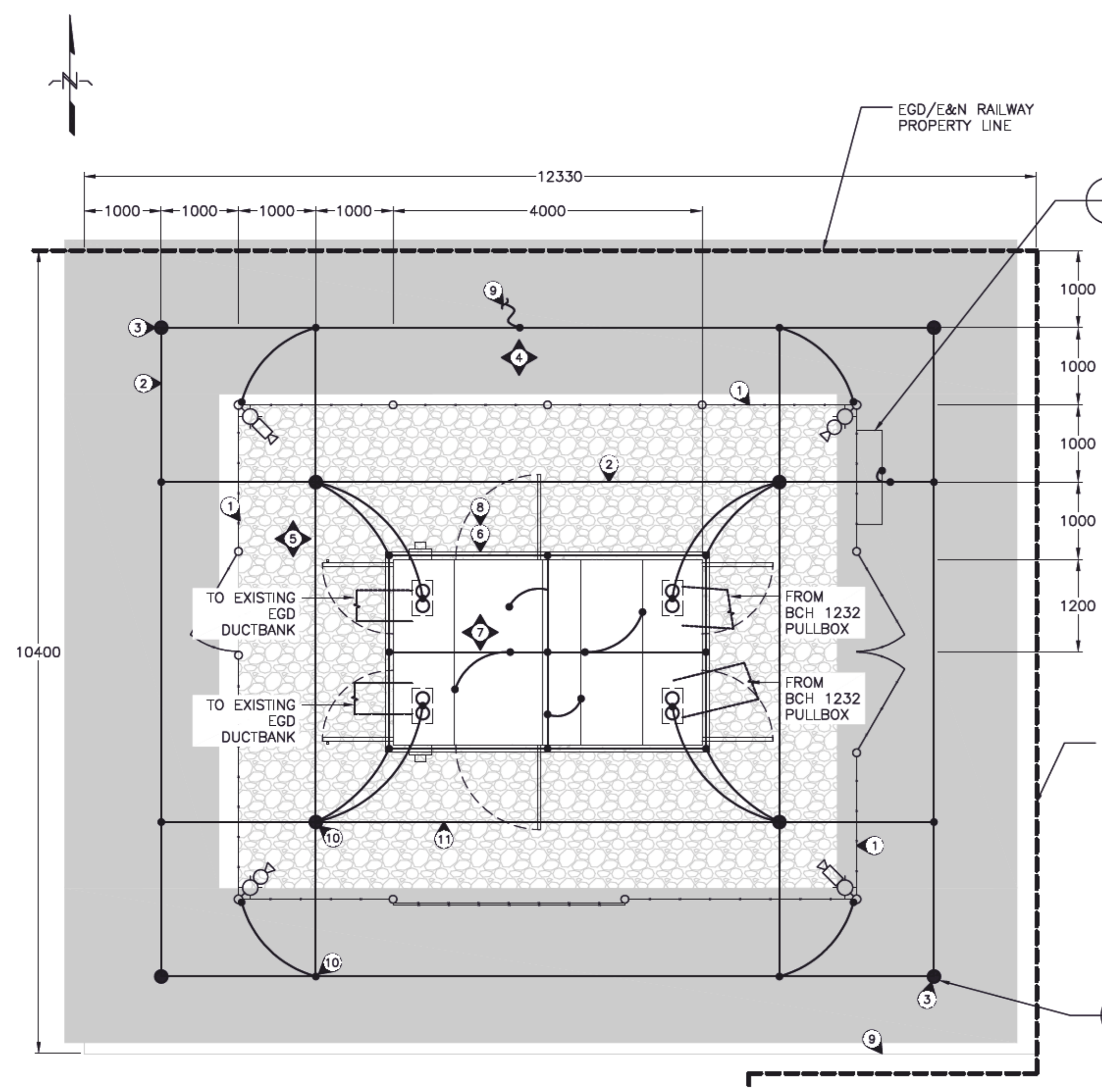
Project Title/Titre du projet
ESQUIMALT GRAVING DOCK (EGD) REPLACE MAIN DISTRIBUTION LINE (RMDL)

B.C. HYDRO (BCH) POINT OF DELIVERY (POD) SWITCHGEAR

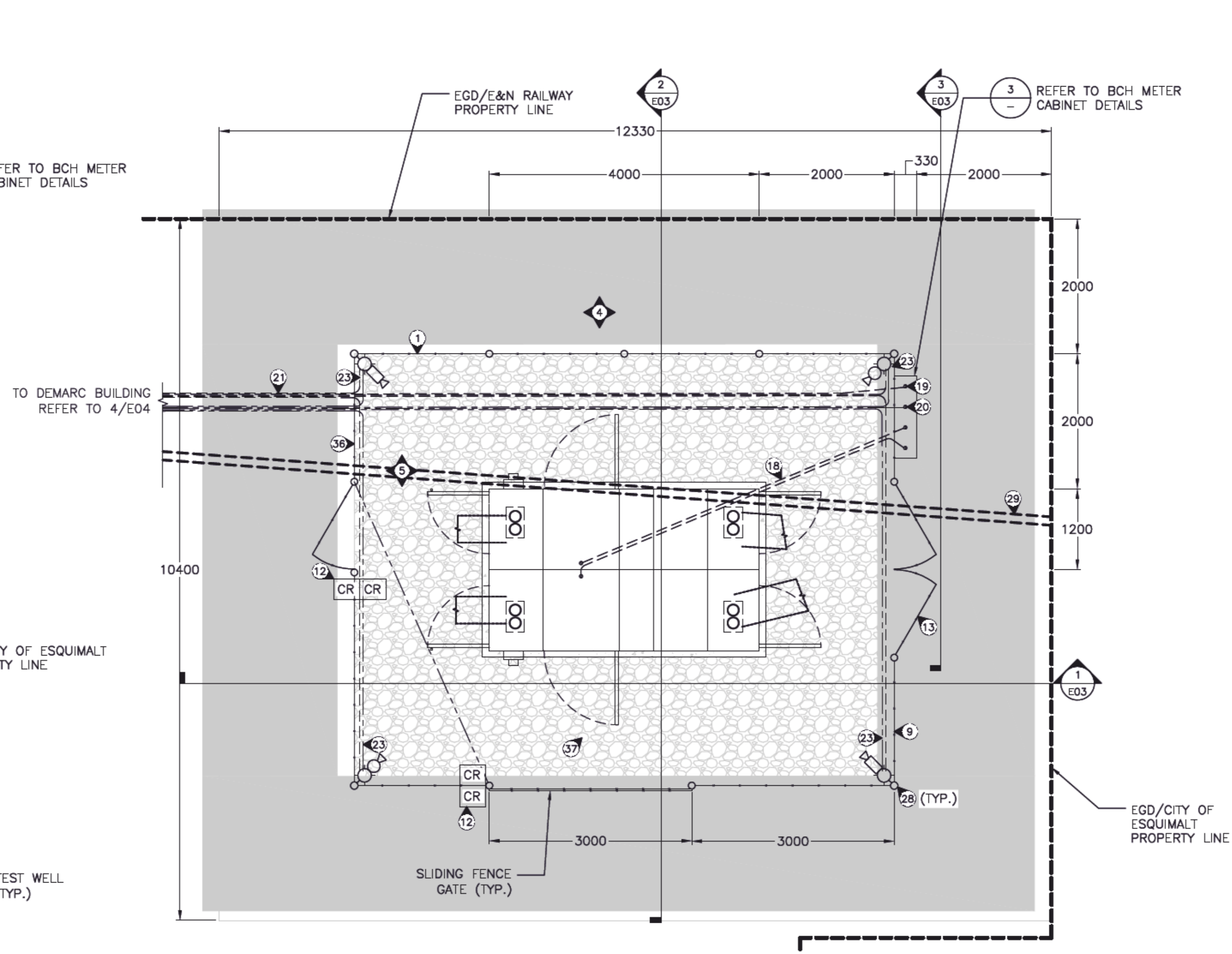
Consultant: Signature Box Only
Designed by/Concept par: G. PETERSON / T. DAVIDSON
Drawn by/Dessiné par: P. PARANPAN
PWGSC Project Manager/Administrateur de Projets TPSGC: STEVE WINDL
PWGSC Regional Manager, Architectural and Engineering Services/ Gérant régional, Services d'architectural et de génie, TPSGC: PREETPAL PAUL

Drawing Title/Titre du dessin
POD SWITCHGEAR AREA LAYOUTS

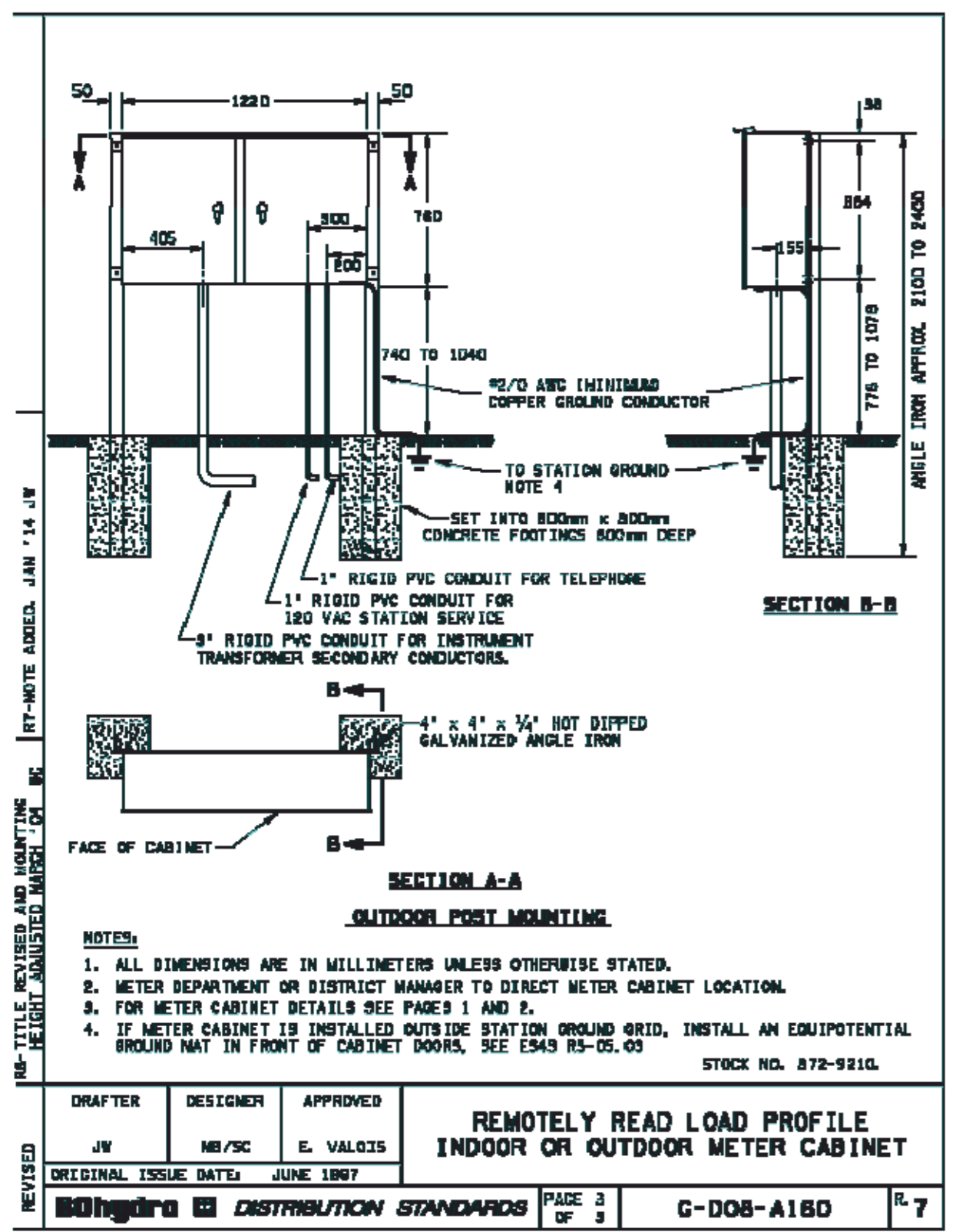
Project No./No. du projet	Sheet/feuille	Revision no./La Révision
R.090408.001	E04	3



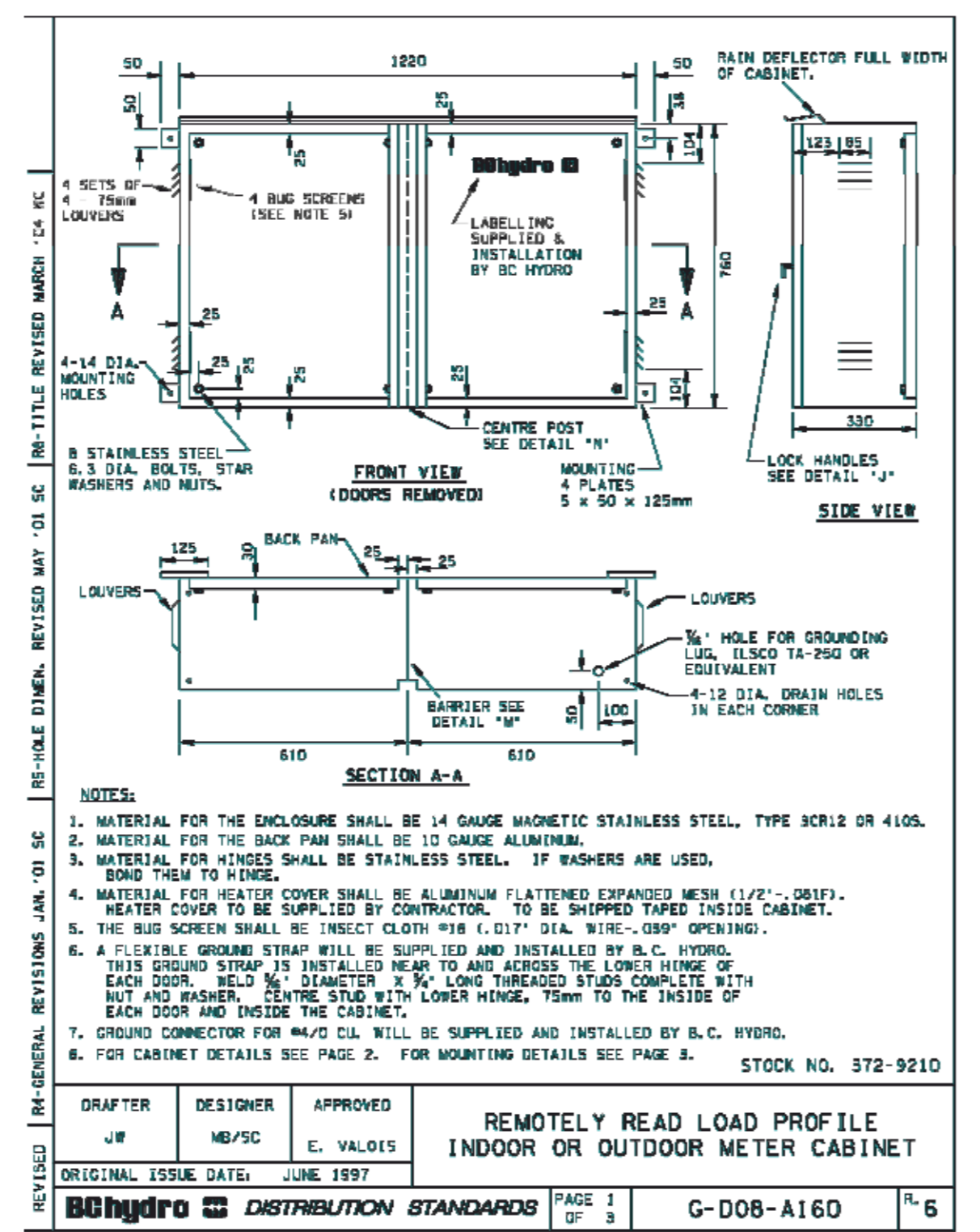
1 POD SWITCHGEAR - GROUNDING LAYOUT
SCALE: 1:50



2 POD SWITCHGEAR - AREA LAYOUT
SCALE: 1:50

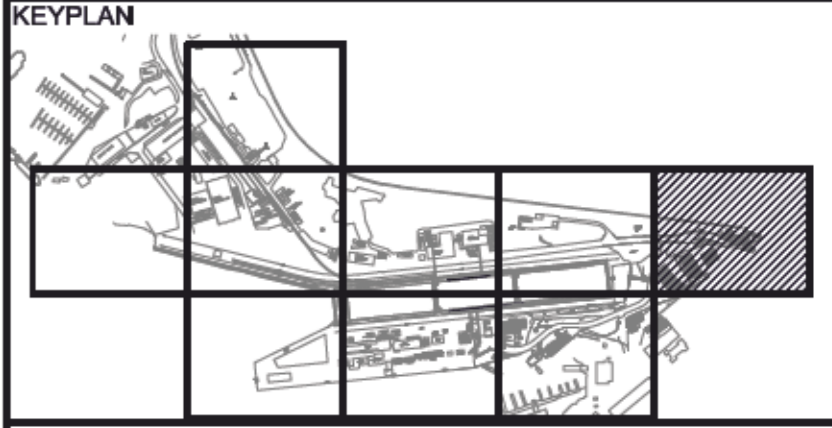


3 BCH METER CABINET DETAILS
SCALE: N.T.S.

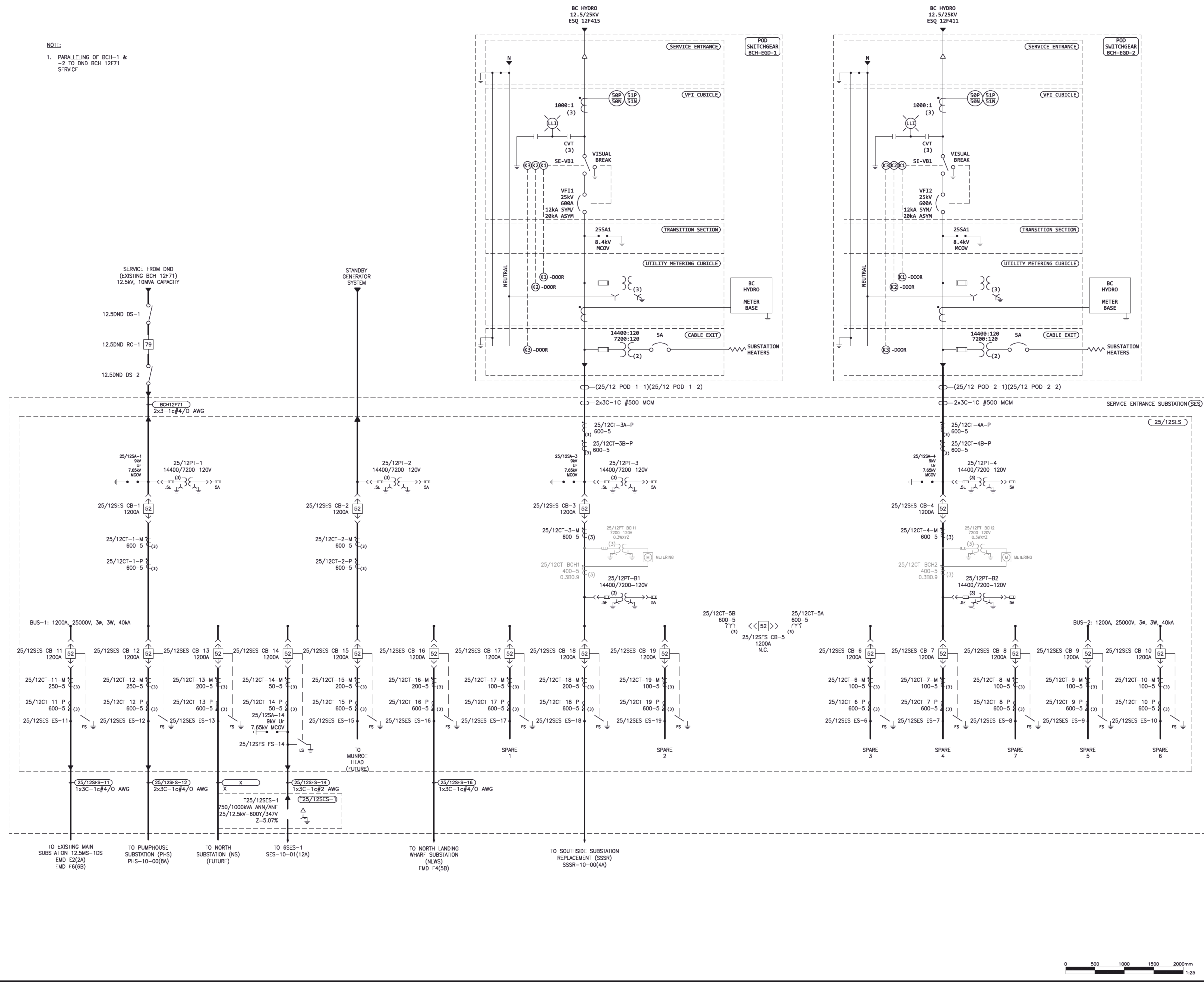


4 DEMARC BUILDING - POD SWITCHGEAR LV, COMMS, BCH FIBRE CABLES
SCALE: 1:25





NOTE:
1. PARALLELING OF BCH-1 & -2 TO DND BCH 12F71 SERVICE



5		
4		
3	ISSUED FOR TENDER	18/12/11
2	ISSUED FOR 75% REVIEW	18/11/21
1	ISSUED FOR 50% REVIEW	18/10/10
0	ISSUED FOR BCH PRE-REVIEW	18/05/09
Revision/	Description/Description	Date/Date

Client/Client:
PUBLIC WORKS AND GOVERNMENT SERVICES CANADA
825 ADMIRALS ROAD
VICTORIA, BC

Project Title/Titre du projet:
**ESQUIMALT GRAVING DOCK (EGD)
REPLACE MAIN DISTRIBUTION LINE (RMDL)**
**B.C. HYDRO (BCH)
POINT OF DELIVERY (POD)
SWITCHGEAR**

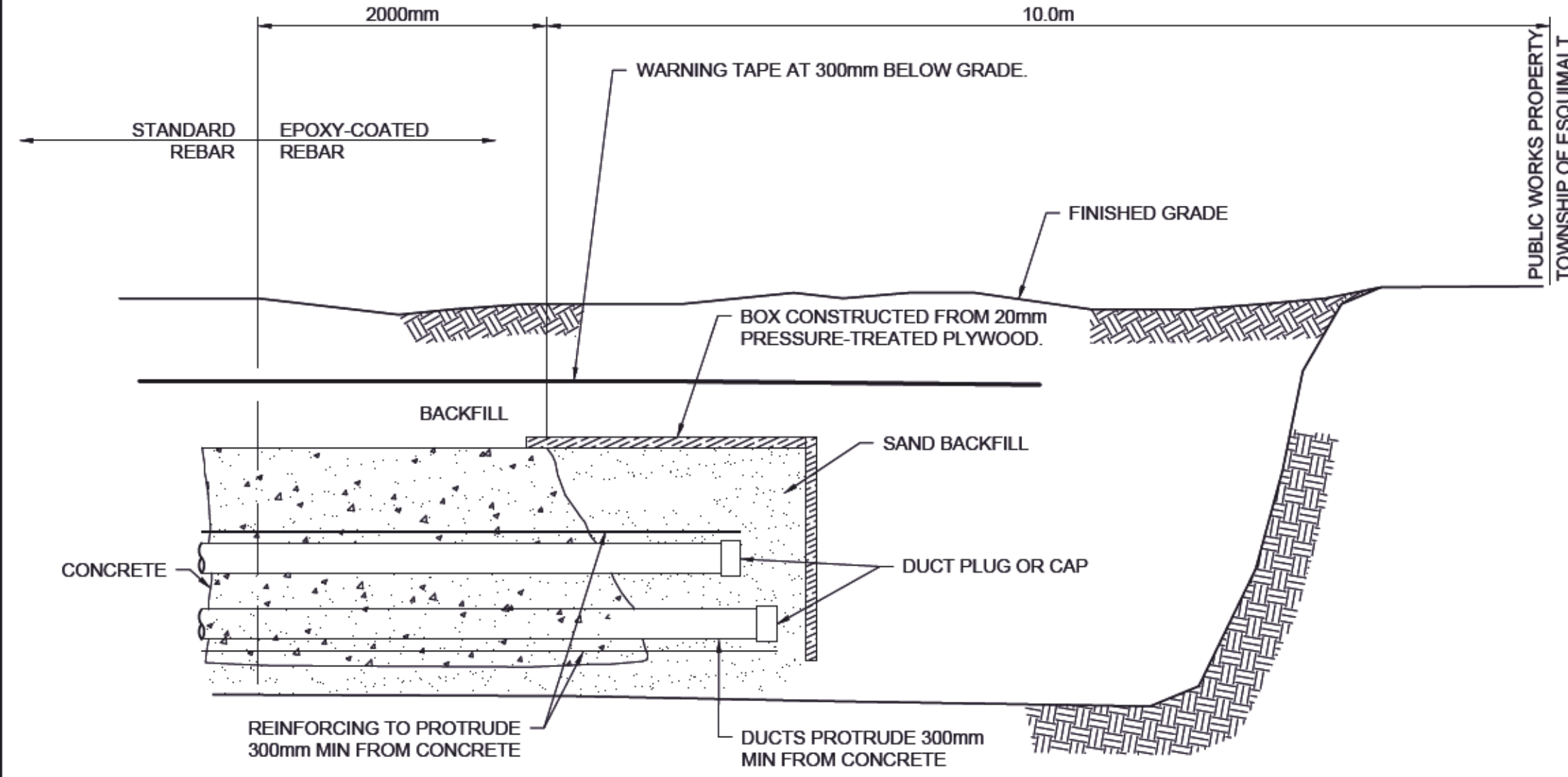
Consultant/Signature Box Only
Designed by/Concept par:
G. PETERSON / T. DAVIDSON
Drawn by/Dessiné par:
P. PARANPAN
PWGSC Project Manager/Administrateur de Projets TPSGC:
STEVE WINDL
PWGSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régional, Services d'architectural et de génie, TPSGC:
PREETIPAL PAUL

Drawing Title/Titre du dessin:
OVERALL MV SINGLE LINE DIAGRAM

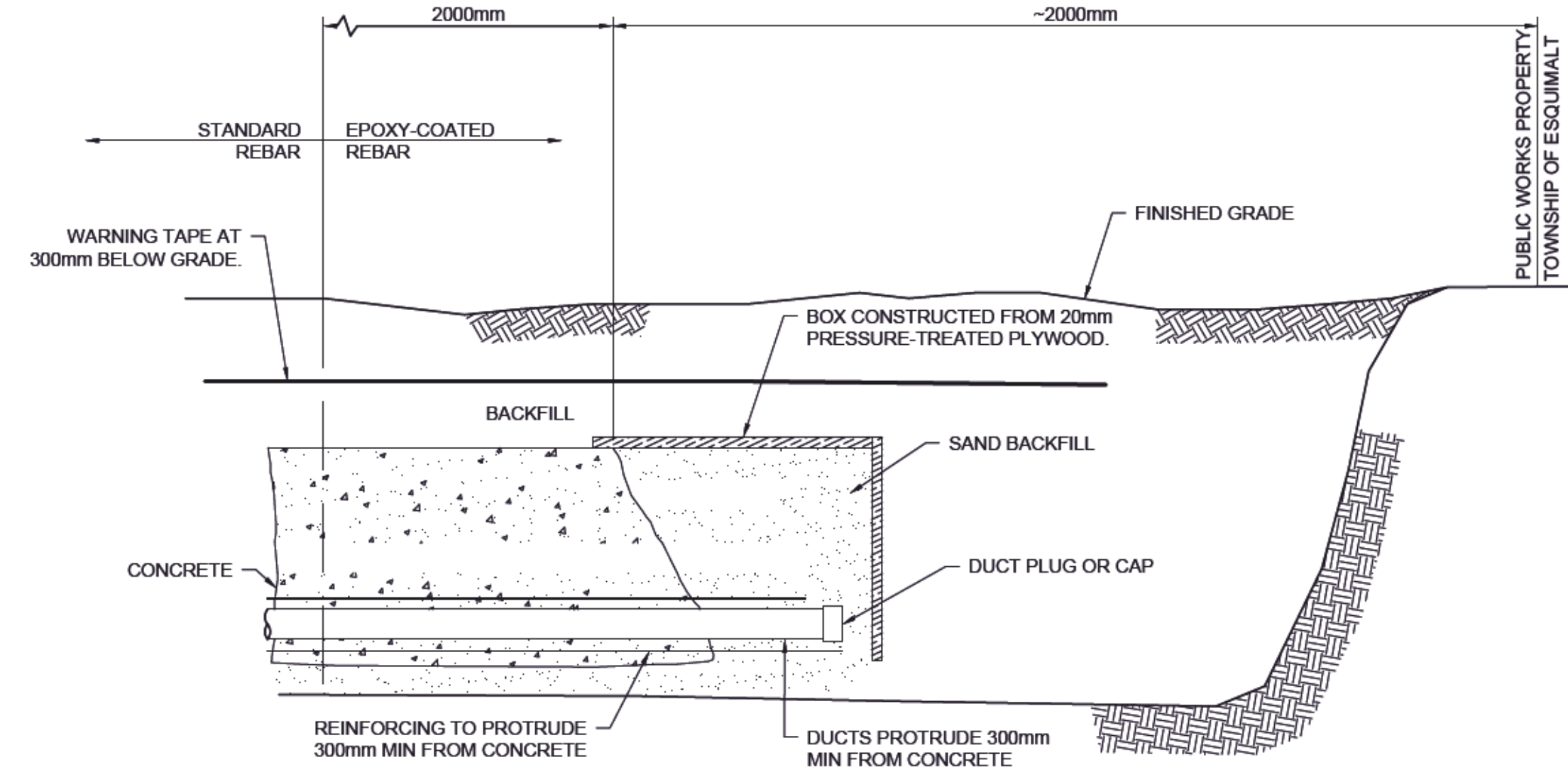
Project No./No. du projet	Sheet/feuille	Revision no./ La Révision no.
R.090408.001	E05	3



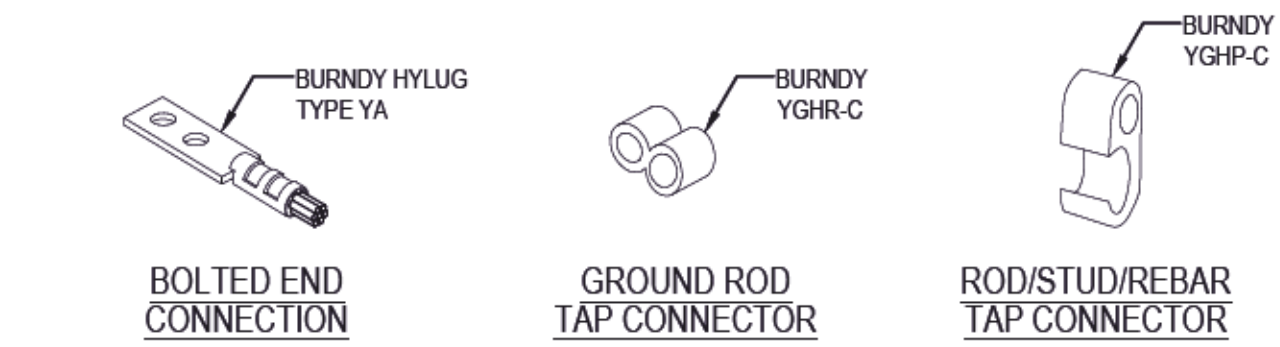
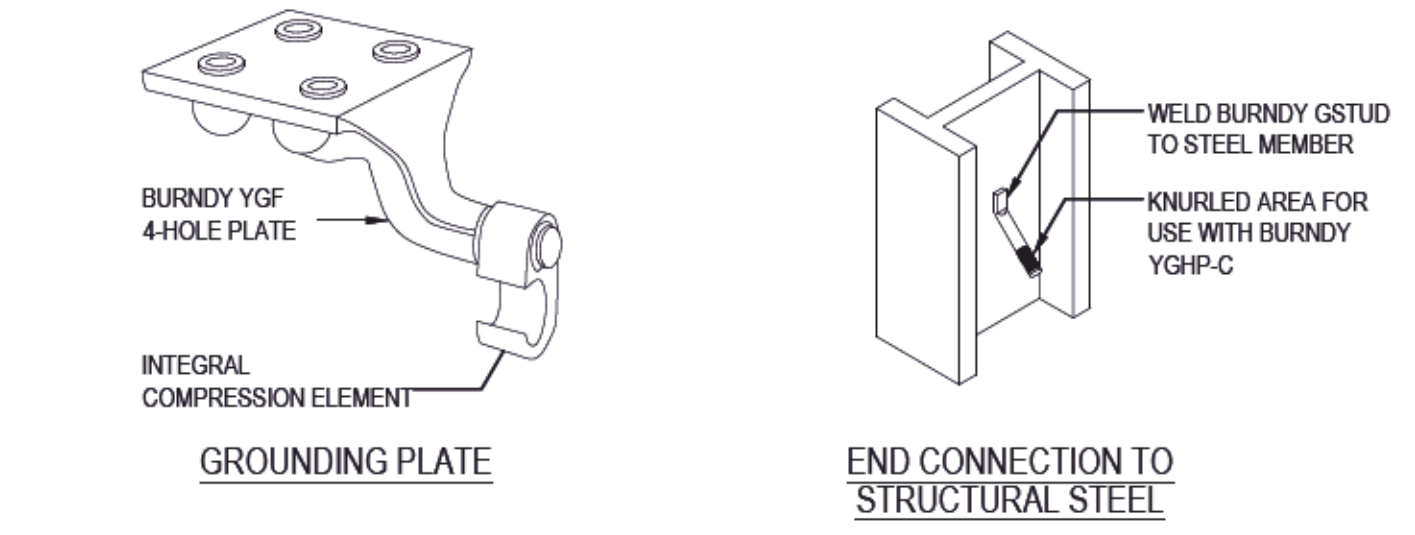
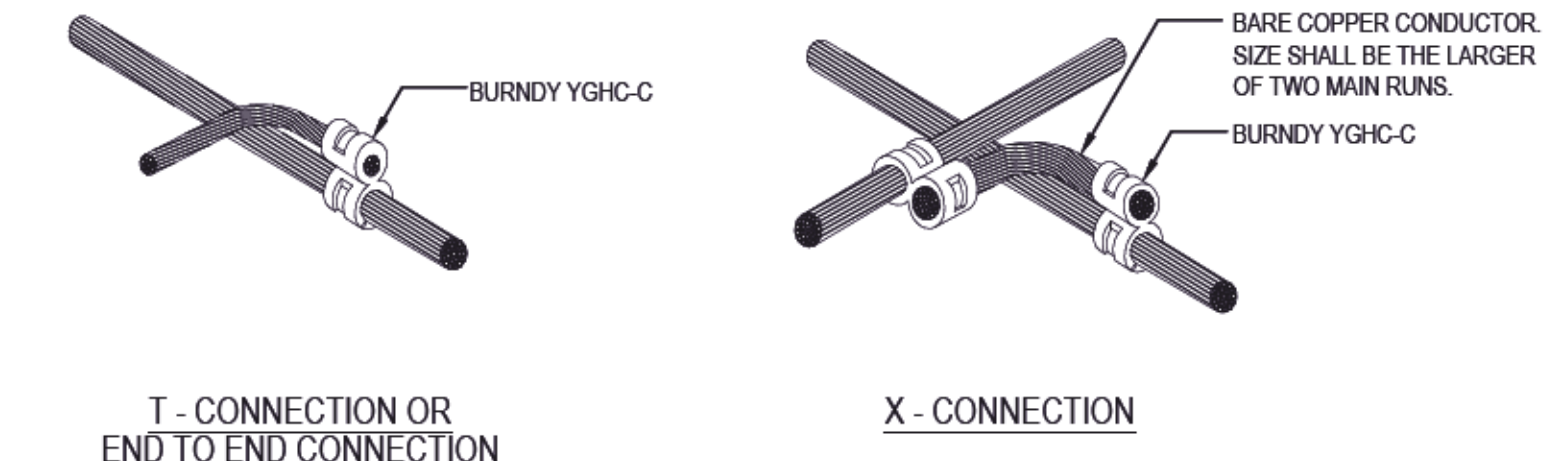
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1 EXISTING EGD DUCTBANK STUB-OFF DETAIL
SCALE: 1:10



2 NEW EGD DUCTBANK TO PROPERTY LINE STUB-OFF DETAIL
SCALE: N.T.S.

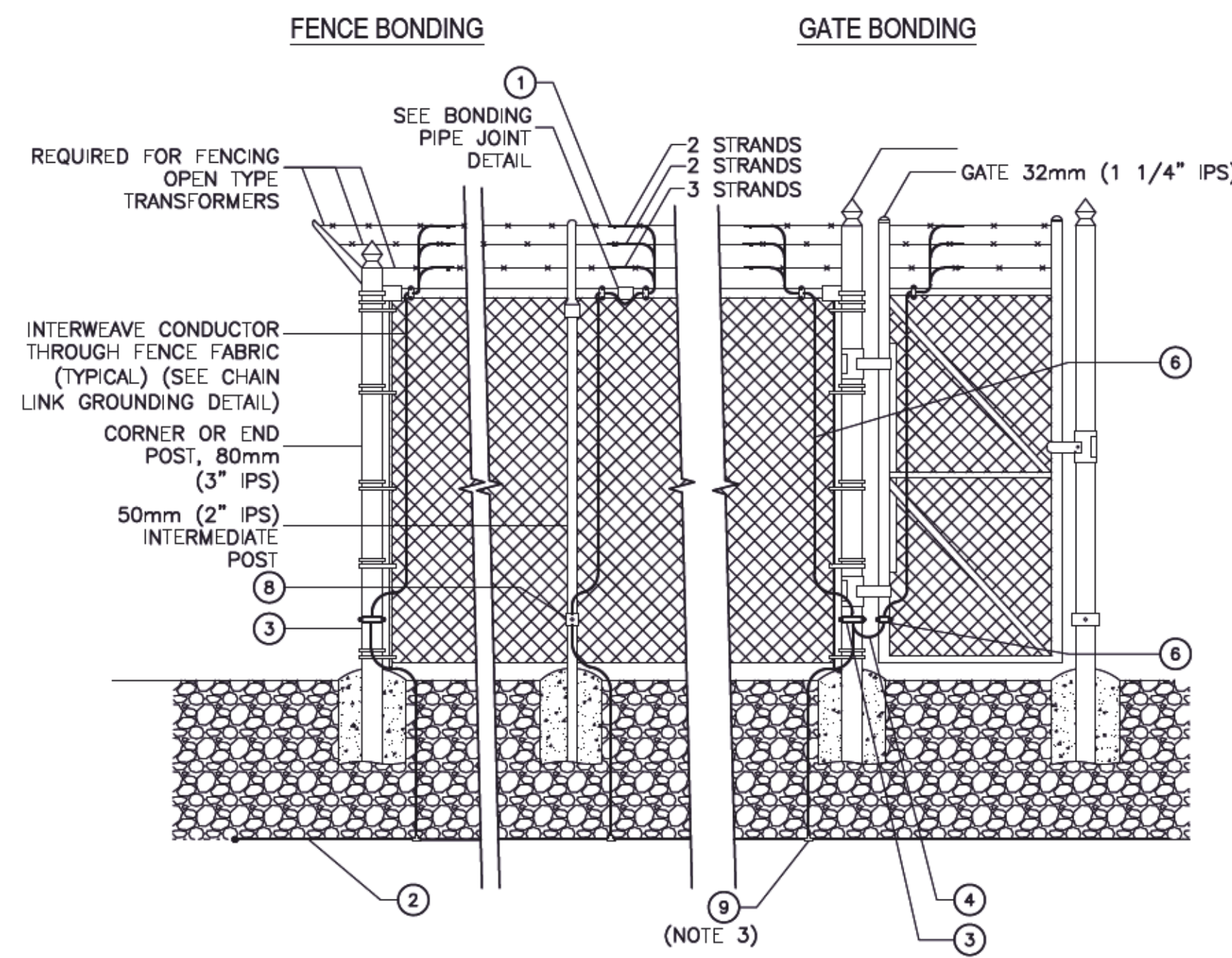


3 GROUNDING WIRING DETAILS - CRIMP ON CONNECTORS
SCALE: N.T.S.

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES Pacific Region / SERVICES IMMOBILIERS Région de Pacifique

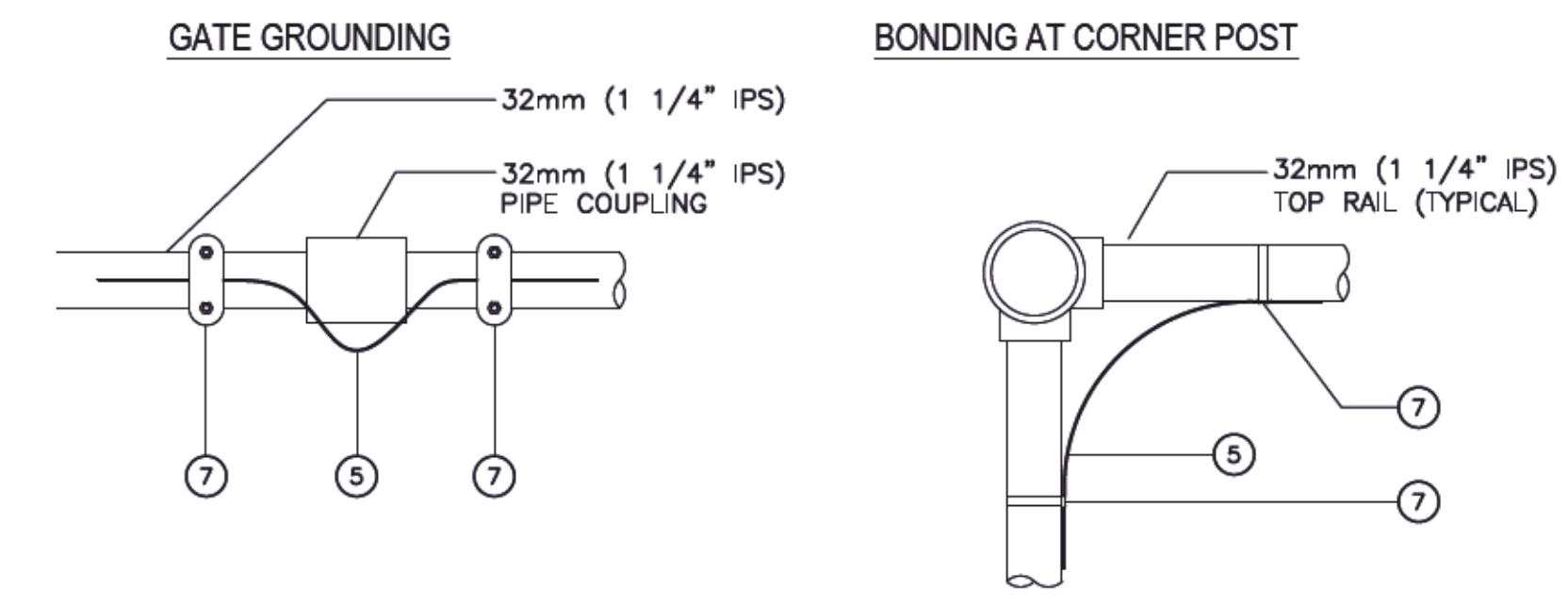
KEYPLAN



ITEM #	DESCRIPTION
1	CONNECTOR SERVIT, BURNDY KSU 17 OR EQUAL
2	CONDUCTOR, #40, STRANDED, MHD COPPER
3	CONNECTOR, BURNDY GD 2026 OR EQUAL
4	#30 EXTRA FLEXIBLE Cu BRAID, BURNDY B2D OR EQUAL
5	CONDUCTOR, #20, 7-STRAND SOFT ANNEALED COPPER
6	CONNECTOR, BURNDY GD 1629 OR EQUAL
7	CONNECTOR, BURNDY GAR 1629 OR EQUAL
8	CONNECTOR, BURNDY GAR 1829 OR EQUAL
9	T-CONNECTION, BURNDY YGHC-C OR EQUAL

GENERAL NOTES:

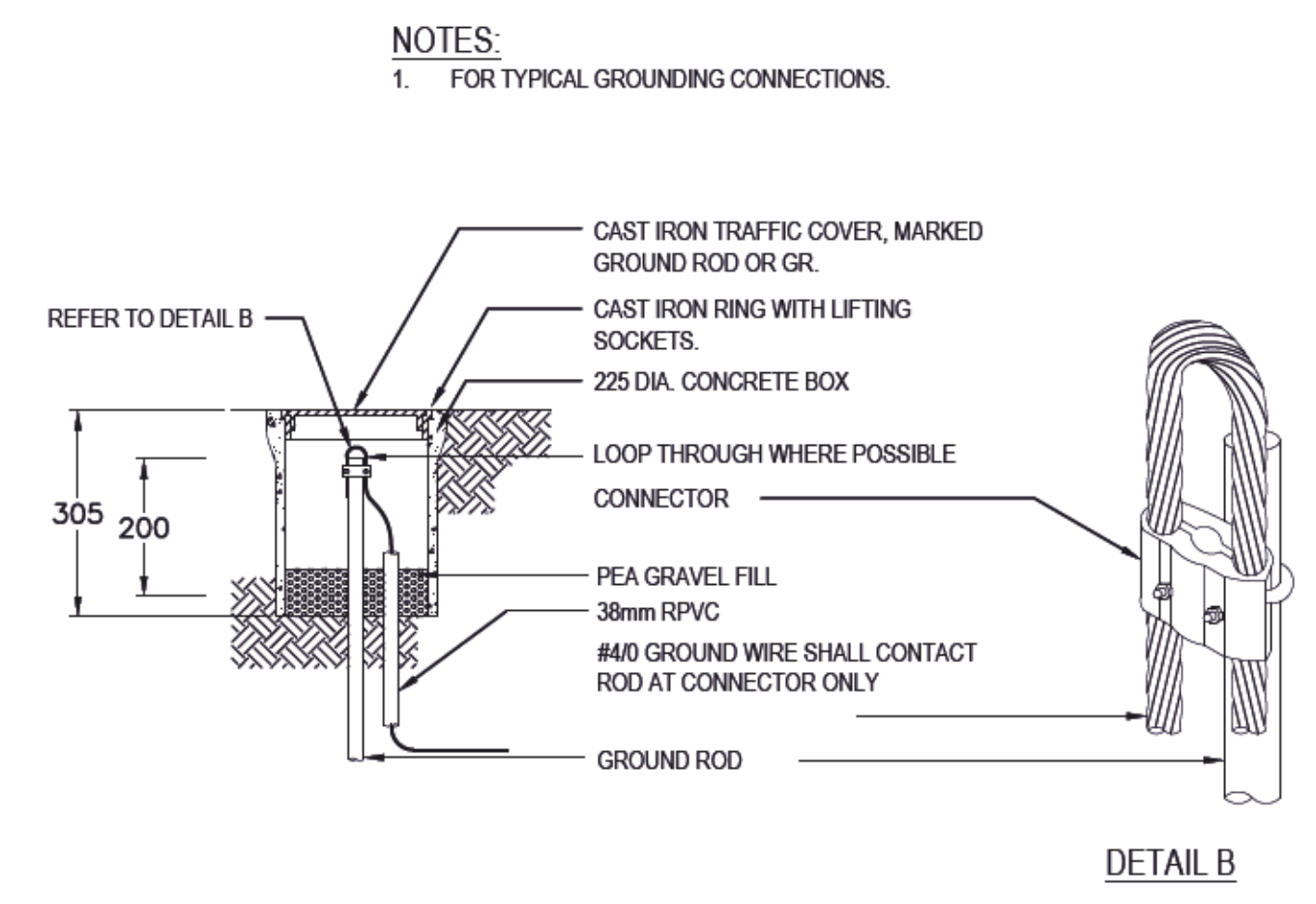
- ALL GROUNDING/BONDING TO BE IN ACCORDANCE WITH CEC.
- FOR FENCE LAYOUT AND ADDITIONAL GROUNDING DETAILS SUCH AS THE LOCATION OF GROUND ROD, SEE SPECIFIC PROJECT DRAWINGS.
- PROVIDE A #2/0 TAP CONDUCTOR AT EACH END POST, CORNER POST AND GATE POST, AND AT INTERMEDIATE POSTS AT INTERVALS NOT EXCEEDING 12m.



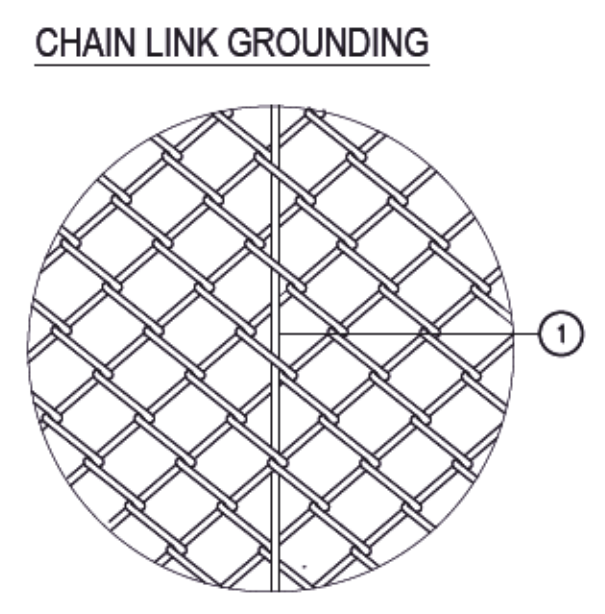
ITEM #	DESCRIPTION
1	CONNECTOR SERVIT, BURNDY KSU 17 OR EQUAL
2	CONDUCTOR, #40, STRANDED, MHD COPPER
3	CONNECTOR, BURNDY GD 2026 OR EQUAL
4	#30 EXTRA FLEXIBLE Cu BRAID, BURNDY B2D OR EQUAL
5	CONDUCTOR, #20, 7-STRAND SOFT ANNEALED COPPER
6	CONNECTOR, BURNDY GD 1629 OR EQUAL
7	CONNECTOR, BURNDY GAR 1629 OR EQUAL
8	CONNECTOR, BURNDY GAR 1829 OR EQUAL
9	T-CONNECTION, BURNDY YGHC-C OR EQUAL

GENERAL NOTES:

- ALL GROUNDING/BONDING TO BE IN ACCORDANCE WITH CEC.
- FOR FENCE LAYOUT AND ADDITIONAL GROUNDING DETAILS SUCH AS THE LOCATION OF GROUND ROD, SEE SPECIFIC PROJECT DRAWINGS.
- PROVIDE A #2/0 TAP CONDUCTOR AT EACH END POST, CORNER POST AND GATE POST, AND AT INTERMEDIATE POSTS AT INTERVALS NOT EXCEEDING 12m.



4 TEST WELL DETAIL
SCALE: N.T.S.



5 CHAIN LINK FENCE AND GATE BONDING DETAIL
SCALE: N.T.S.

6 BOUNDARY CHAIN LINK FENCE AND GATE BONDING DETAIL
SCALE: N.T.S.

Revision/Description	Date/Date
5	
4	
3	ISSUED FOR TENDER 18/12/11
2	ISSUED FOR 75% REVIEW 18/11/21
1	ISSUED FOR 50% REVIEW 18/10/10
0	ISSUED FOR BCH PRE-REVIEW 18/05/09

Client/Client

PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

825 ADMIRALS ROAD VICTORIA, BC

Project /Titre du projet
ESQUIMALT GRAVING DOCK (EGD) REPLACE MAIN DISTRIBUTION LINE (RMDL)

B.C. HYDRO (BCH) POINT OF DELIVERY (POD) SWITCHGEAR

Consultant Signature Box Only

Designed by/Conçue par
G. PETERSON / T. DAVIDSON

Drawn by/Dessiné par
P. PARANPAN

PWSC Project Manager/Administrateur de Projets
STEVE WINDL

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

Drawing Title/Titre du dessin
ELECTRICAL DETAILS

Project No./No. du projet	Sheet/feuille	Revision no./ La Révision no.
R.090408.001	E08	3

Plot Date: December 11, 2018 10:52 PM. Printed by: Perimeter. Plot File Name: \\P:\projects\2018\18-0004\EGD\BCH\EGD_RMDL\EGD_ELECTRICAL_DETAILS.dwg
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