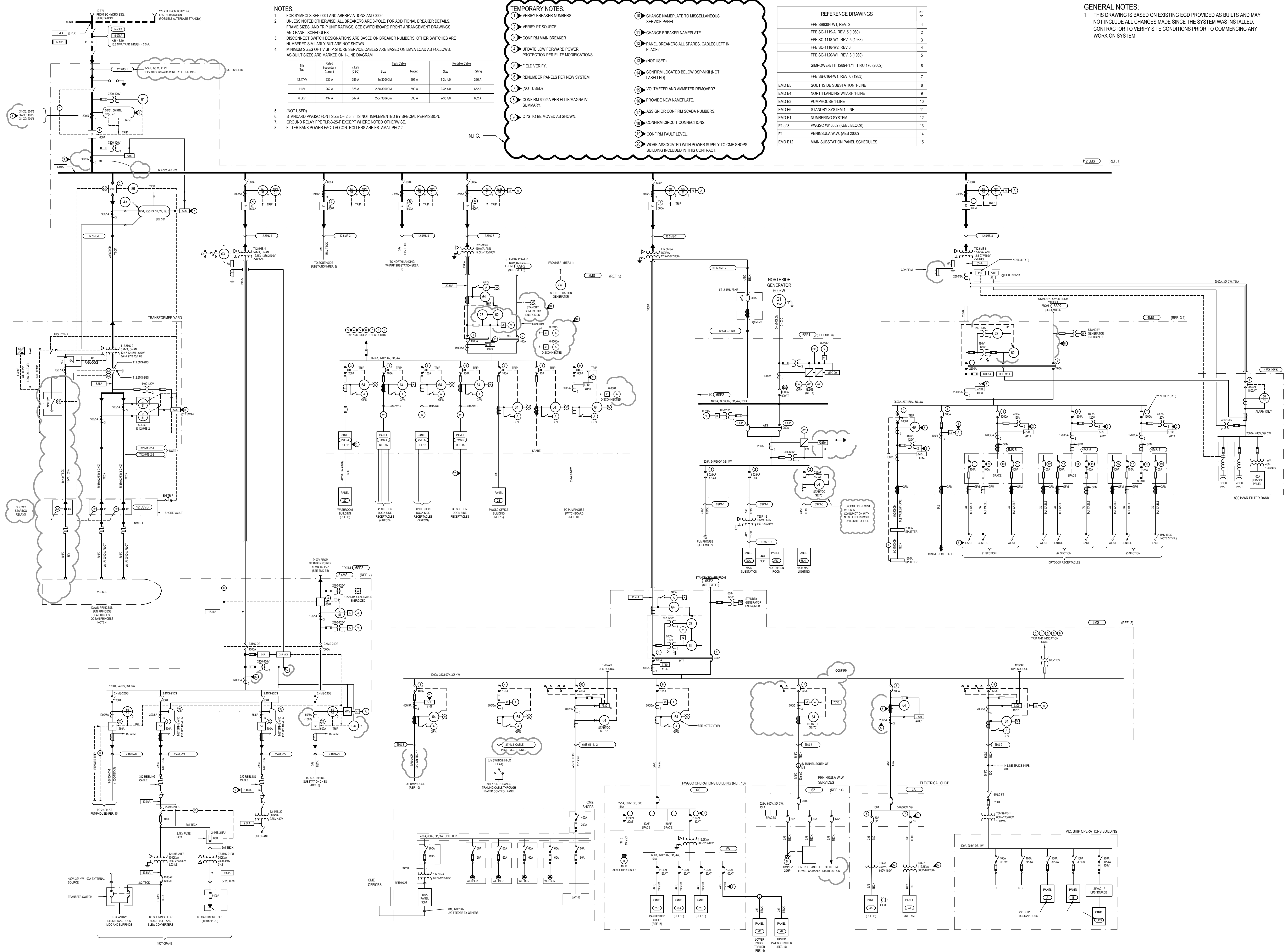


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Printed by: Jacob Belling

PWSSC - B1 - 1000X707



Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

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Designing A Better Tomorrow

KEYPLAN

NOT FOR CONSTRUCTION

5	ISSUED FOR TENDER	15/01/28
4	ISSUED FOR 99% DESIGN REVIEW	16/01/06
3	ISSUED FOR 66% DESIGN REVIEW	15/11/25
2	ISSUED FOR 33% DESIGN REVIEW	15/10/28
1	ISSUED FOR DESIGN DEVELOPMENT	15/09/11
0		
Revision/Revision	Description/Description	Date/Date
Client/client		

ESQUIMALT GRAVING DOCK

825 ADMIRALS ROAD
VICTORIA, BC, V9A 2P1

Project title/Titre du projet
**825 ADMIRALS ROAD VICTORIA BC
ESQUIMALT GRAVING DOCK
ELECTRICAL SAFETY UPGRADE**

SOUTH SUBSTATION SWITCHGEAR REPLACEMENT (SSSR)

Consultant Signature Box Only

Designed by/Concept par
I. BARNES

Drawn by/Dessiné par
J. BIELING / S. SEYMOUR

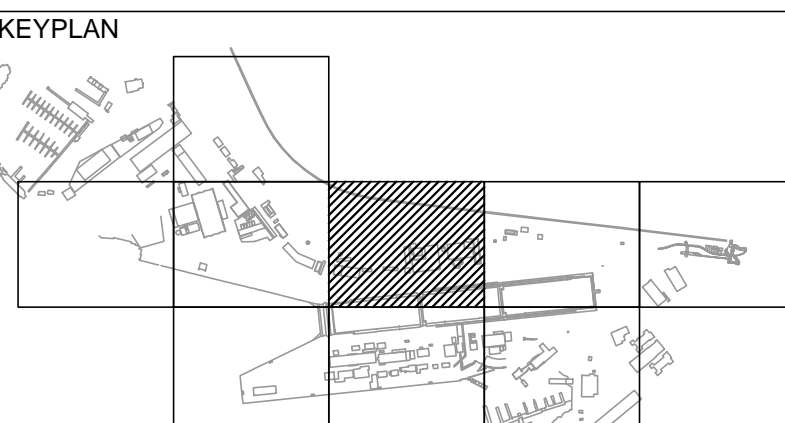
PWSSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc

PWSSC Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
Preitpal Paul

Drawing title/Titre du dessin
**EXISTING MAIN SUBSTATION
SINGLE LINE DIAGRAM**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.062548.2	5900	5

REFERENCE DRAWING ONLY
ORIGINAL DRAWING No. EMD E2

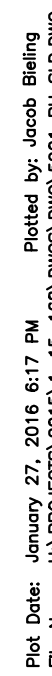


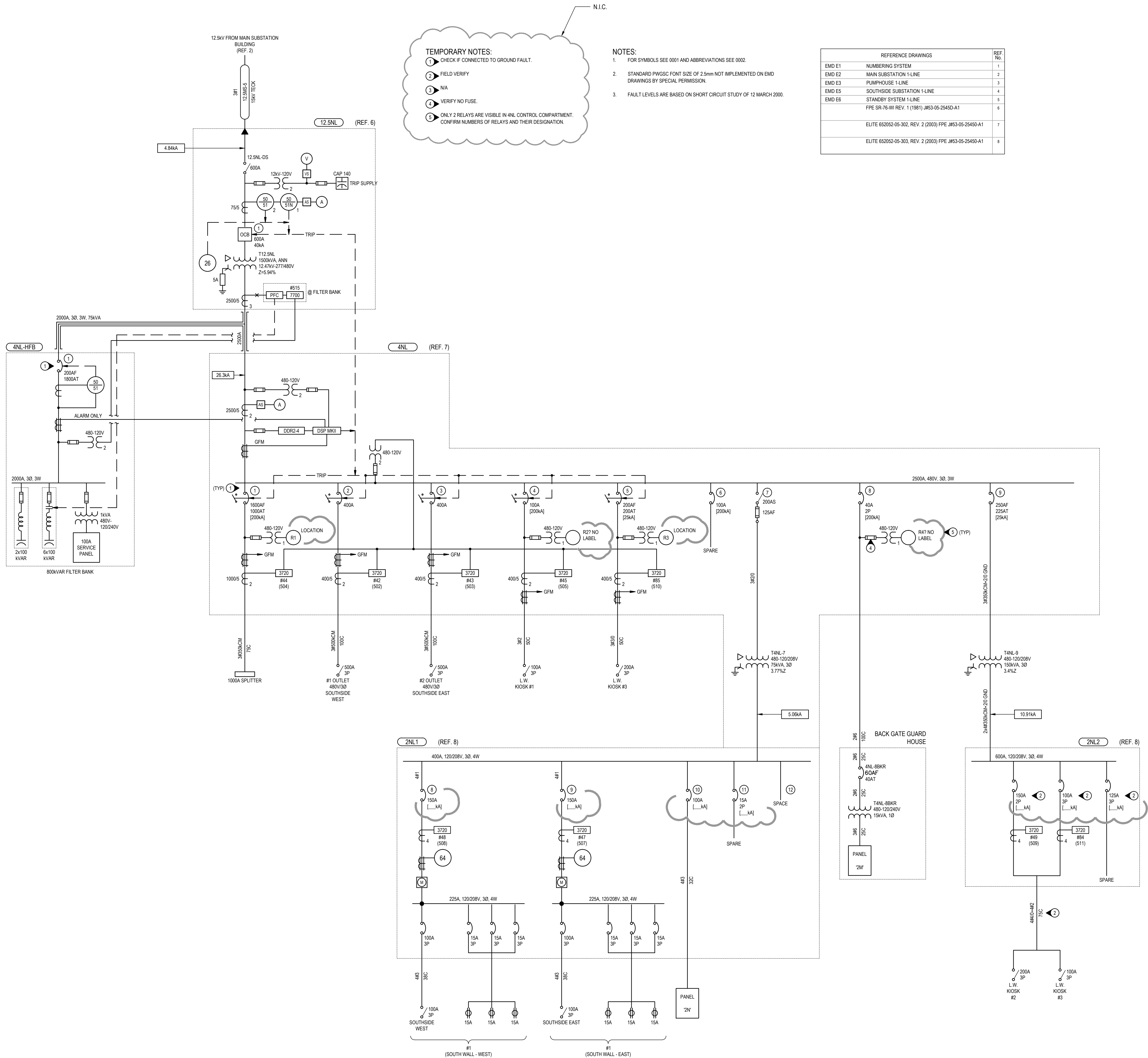
825 ADMIRALS ROAD
VICTORIA, BC, V9A 2P1

SOUTH SUBSTATION SWITCHGEAR REPLACEMENT (SSSR)

Drawing title/Titre du dessin

Project No./No. du projet	Sheet/Feuille	Revision no
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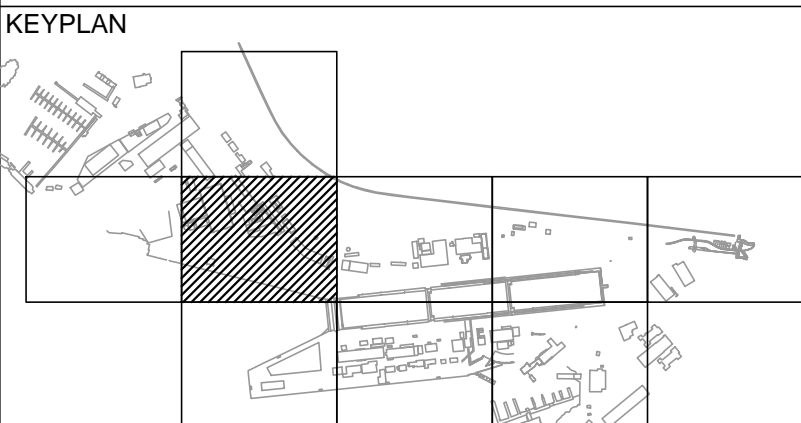
GENERAL NOTES:
1. THIS DRAWING IS BASED ON EXISTING EGD PROVIDED AS BUILTS AND MAY NOT INCLUDE ALL CHANGES MADE SINCE THE SYSTEM WAS INSTALLED. CONTRACTOR TO VERIFY SITE CONDITIONS PRIOR TO COMMENCING ANY WORK ON SYSTEM.

REFERENCE DRAWINGS		REF. NO.
EMD E1	NUMBERING SYSTEM	1
EMD E2	MAIN SUBSTATION 1-LINE	2
EMD E3	PUMPHOUSE 1-LINE	3
EMD E5	SOUTHSIDE SUBSTATION 1-LINE	4
EMD E6	STANDBY SYSTEM 1-LINE	4
	FPE SR-76-WI REV. 1 (1981), #B3-05-2545D-A1	6
	ELITE 652052-05-302, REV. 2 (2003) FPE, #B3-05-2545D-A1	7
	ELITE 652052-05-303, REV. 2 (2003) FPE, #B3-05-2545D-A1	8

TEMPORARY NOTES:
1. CHECK IF CONNECTED TO GROUND FAULT.
2. FIELD VERIFY
3. N/A
4. VERIFY NO FUSE.
5. ONLY 2 RELAYS ARE VISIBLE IN 4NL CONTROL COMPARTMENT. CONFIRM NUMBERS OF RELAYS AND THEIR DESIGNATION.

NOTES:
1. FOR SYMBOLS SEE 0001 AND ABBREVIATIONS SEE 0002.
2. STANDARD PWSC FONT SIZE OF 2.5mm NOT IMPLEMENTED ON EMD DRAWINGS BY SPECIAL PERMISSION.
3. FAULT LEVELS ARE BASED ON SHORT CIRCUIT STUDY OF 12 MARCH 2000.

REFERENCE DRAWING ONLY
ORIGINAL DRAWING No. EMD E4



NOT FOR CONSTRUCTION

Revision/	Description/Description	Date/Date
5	ISSUED FOR TENDER	15/01/28
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1	ISSUED FOR DESIGN DEVELOPMENT	15/09/11
0		

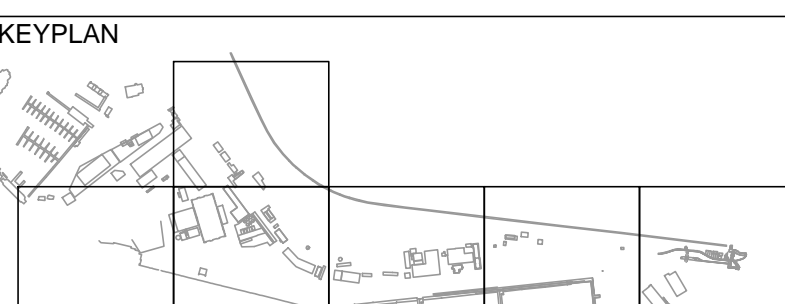
Client/client
ESQUIMALT GRAVING DOCK
825 ADMIRALS ROAD VICTORIA, BC, V9A 2P1

Project title/Titre du projet
825 ADMIRALS ROAD VICTORIA BC ESQUIMALT GRAVING DOCK ELECTRICAL SAFETY UPGRADE
SOUTH SUBSTATION SWITCHGEAR REPLACEMENT (SSSR)

Consultant Signature Box Only
Designed by/Concept par
I. BARNES
Drawn by/Dessiné par
J. BIELING / S. SEYMOUR
PWSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc
PWSC Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architectural et de génie, TPSGC
Preetipal Paul

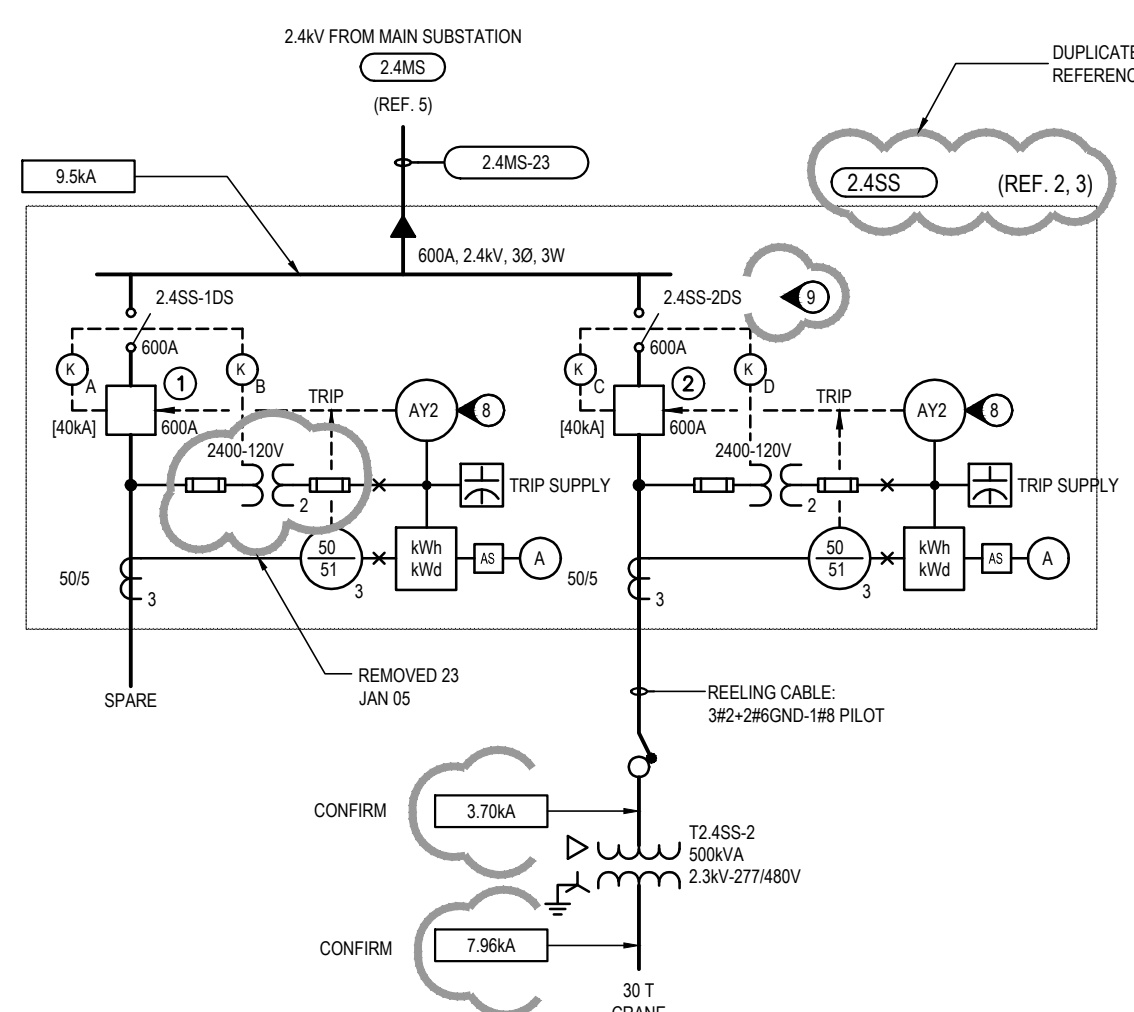
Drawing title/Titre du dessin
EXISTING NORTH LANDING WHARF SUBSTATION SINGLE LINE DIAGRAM

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.062548.2	5902	5

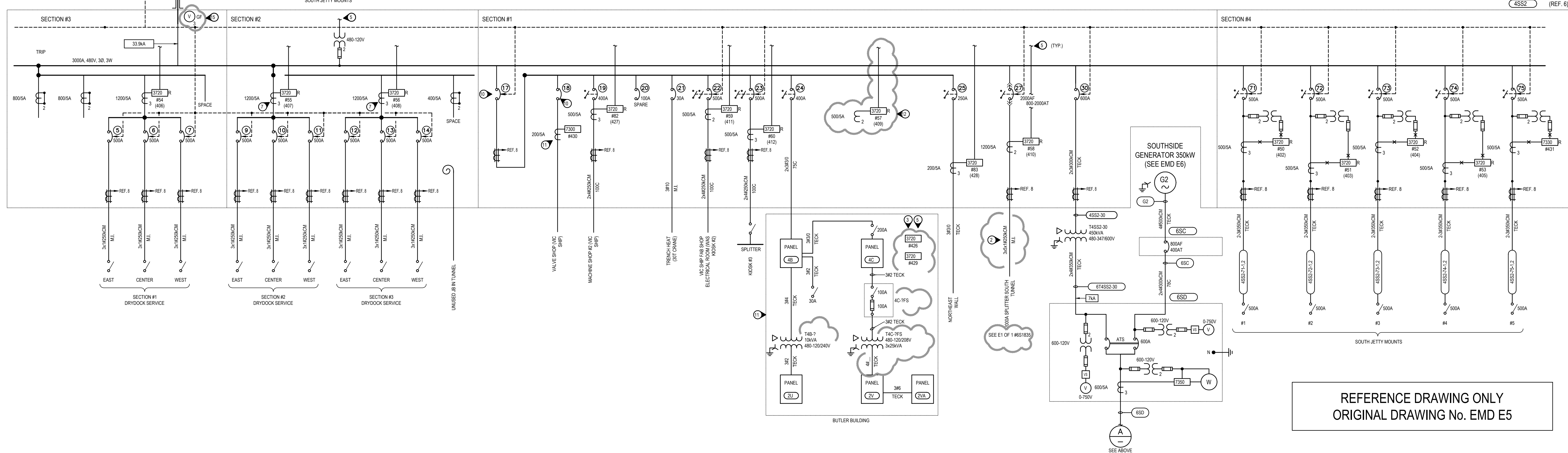
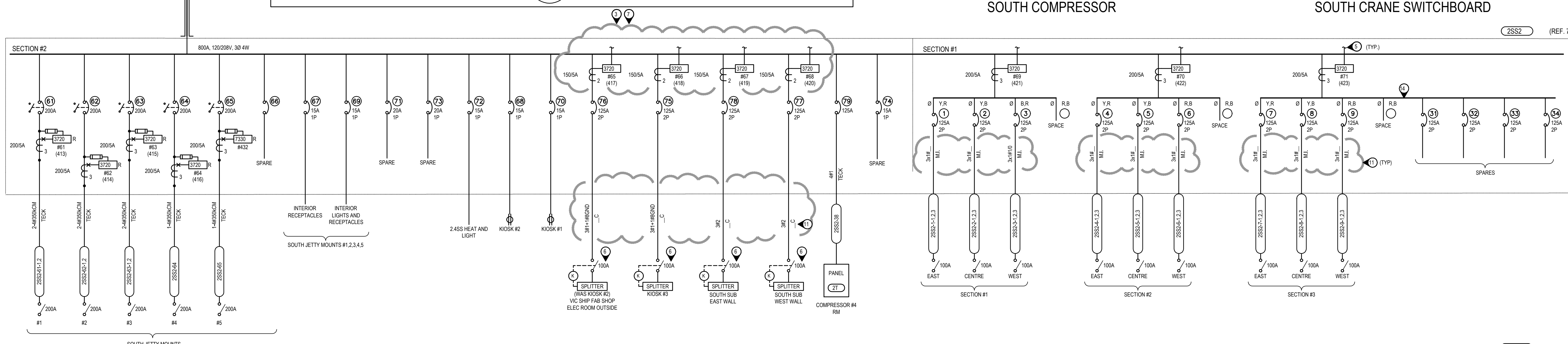


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-	{ FPE SB 6165-W1, REV. 1 (1986)	2
-	{ FPE SB 6165-W1, REV. 1 (1986)	3
-	FPE SR-242-W1, REV. 2 (1995)	4
EMD E2	MAIN SUBSTATION 1-LINE	5
EMD E76	4SS2 FRONT ARRANGEMENT	6
EMD E77	2SS2 FRONT ARRANGEMENT	7
EMD E4305	480V GFM SYSTEM	8
EMD E6	STANDBY SYSTEM 1-LINE	9
EMD E1	NUMBERING SYSTEM	10
EMD E3	PUMPHOUSE 1-LINE	11

DUPLICATE REFERENCE



SOUTH CRANE SWITCHBOARD



REFERENCE DRAWING ONLY
ORIGINAL DRAWING No. EMD E5

5	ISSUED FOR TENDER	15/01/28
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1	ISSUED FOR DESIGN DEVELOPMENT	15/09/11
0		

ESQUIMALT GRAVING DOCK

825 ADMIRALS ROAD
VICTORIA, BC, V9A 2P1

Project title/Titre du projet
825 ADMIRALS ROAD VICTORIA BC
ESQUIMALT GRAVING DOCK
ELECTRICAL SAFETY UPGRADE

SOUTH SUBSTATION SWITCHGEAR REPLACEMENT (SSSR)

Consultant Signature Box Only

Designed by/Concept par
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Drawn by/Dessine par
J. BIELING / S. SEYMOUR

PWGSC Project Manager/Administrateur de Projets TPSGC

PWGSC, Regional Manager, Architectural and Engineering Services
Gestionnaire régionale, Services d'architecture et de génie, TPSG

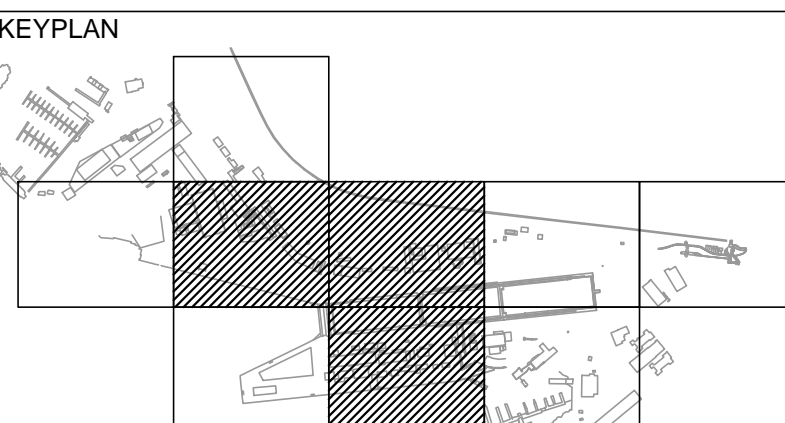
Preetipal Paul

Drawing title/Titre du dessin

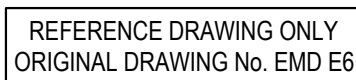
EXISTING SOUTH SIDE SUBSTATION SINGLE LINE DIAGRAM

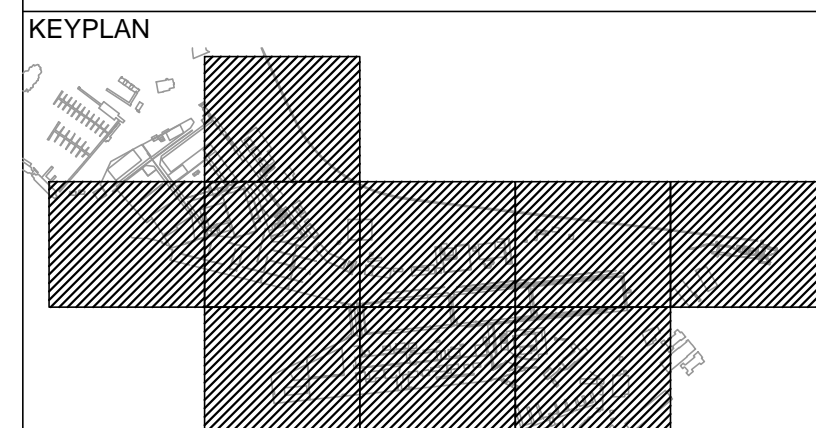
Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.062548.2	5903	5





Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.062548.2	5904	5





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Revision/ Revision	Description/Description	Date/Date
Client / client		

825 ADMIRALS ROAD
VICTORIA, BC, V9A 2P1

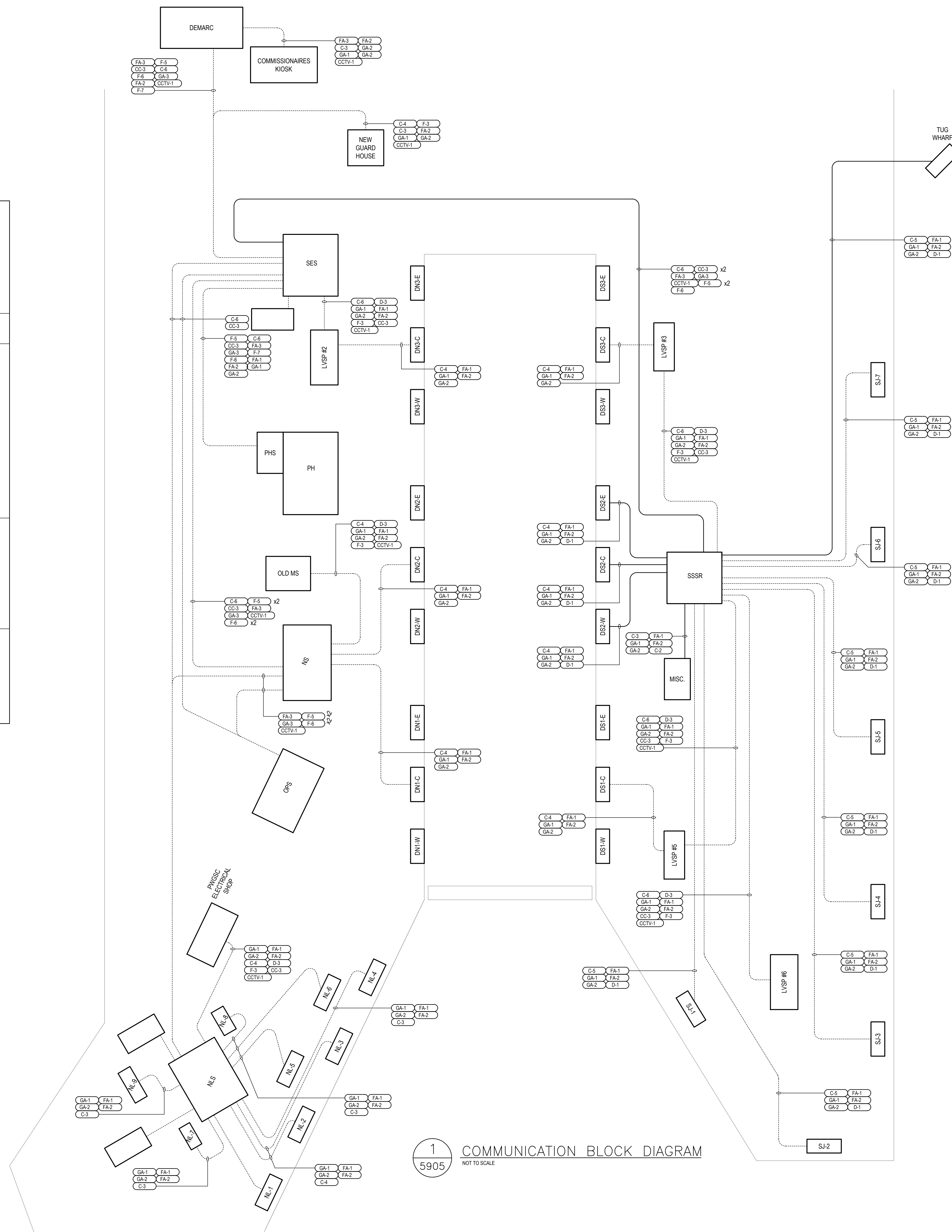
SOUTH SUBSTATION SWITCHGEAR REPLACEMENT (SSSR)

PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architectural et de génie, TPSGC
Preetipal Paul

COMMUNICATIONS BLOCK DIAGRAM

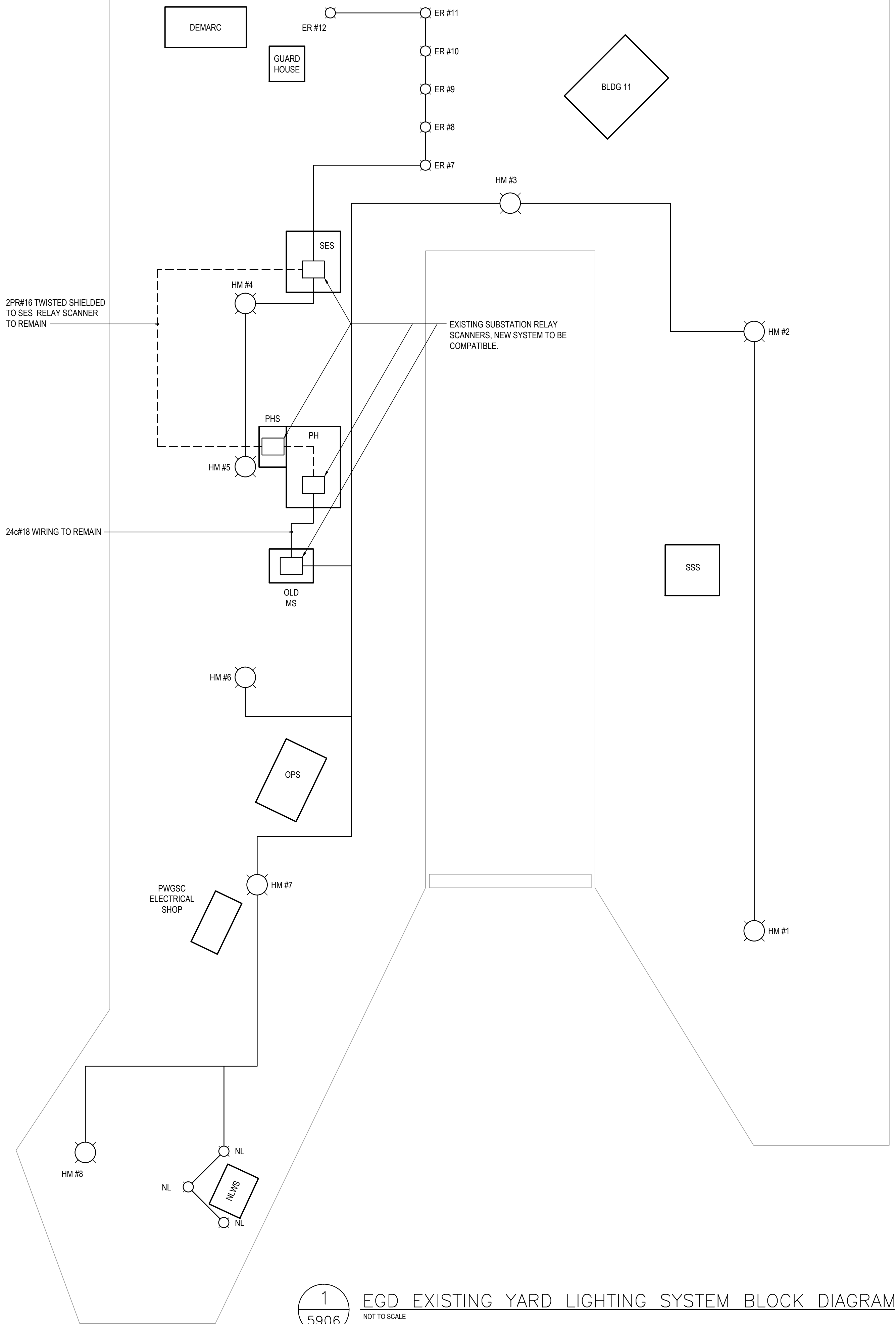
R.062548.2

5905

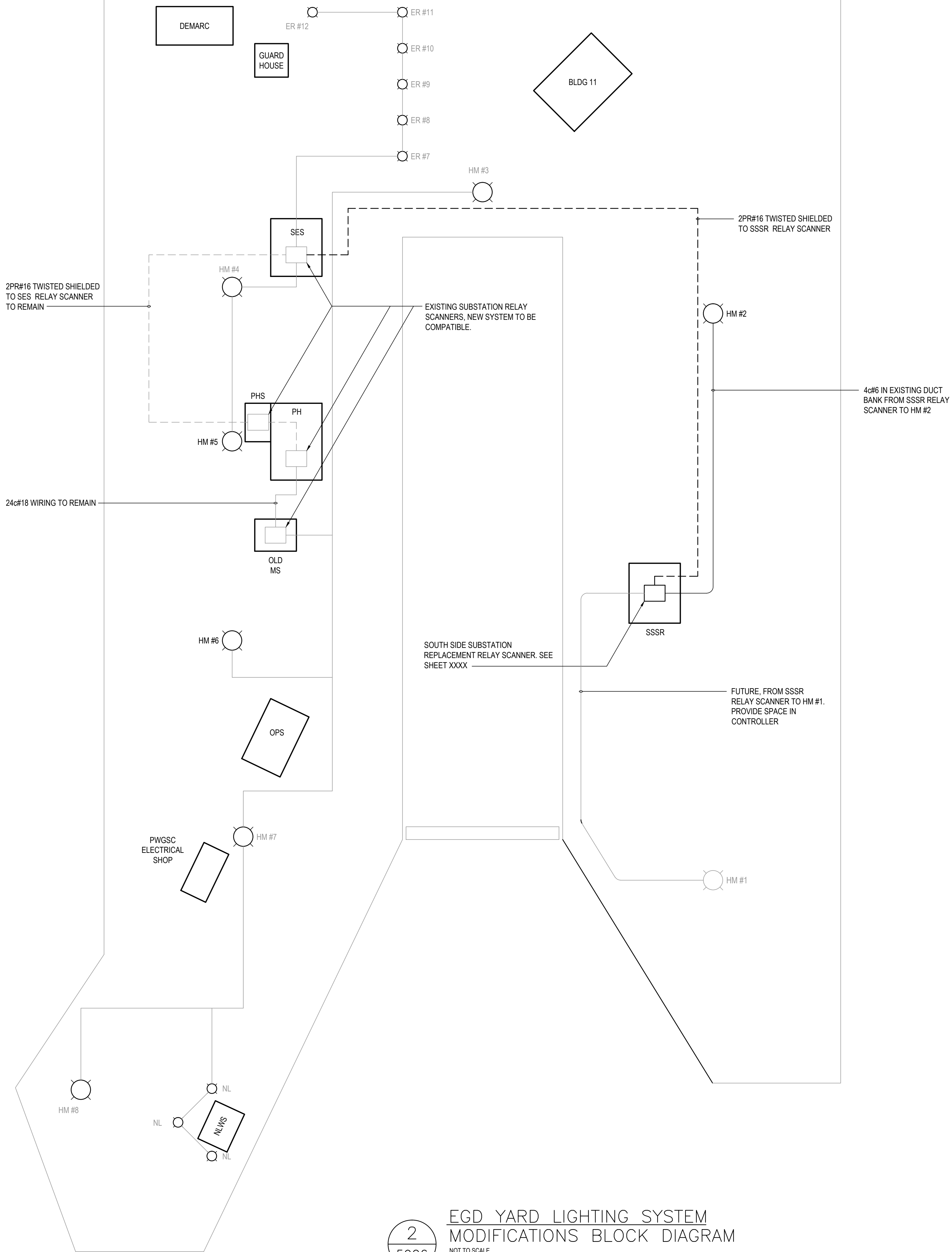


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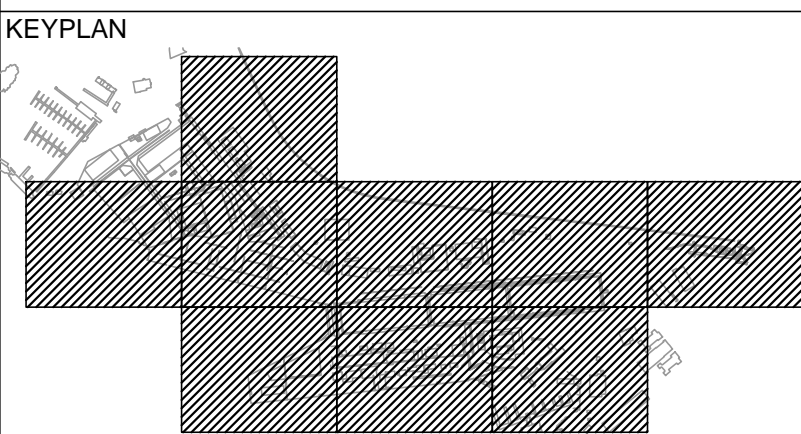
PWGSC - B1 - 1000X707



1
5906
EGD EXISTING YARD LIGHTING SYSTEM BLOCK DIAGRAM
NOT TO SCALE



2
5906
EGD YARD LIGHTING SYSTEM
MODIFICATIONS BLOCK DIAGRAM
NOT TO SCALE



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5	ISSUED FOR TENDER	15/01/28
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1	ISSUED FOR DESIGN DEVELOPMENT	15/09/11
0		
Revision/ Revision	Description/Description	Date/Date

Client/client

ESQUIMALT GRAVING DOCK

825 ADMIRALS ROAD
VICTORIA, BC, V9A 2P1

Project title/Titre du projet
**825 ADMIRALS ROAD VICTORIA BC
ESQUIMALT GRAVING DOCK
ELECTRICAL SAFETY UPGRADE**
**SOUTH SUBSTATION
SWITCHGEAR
REPLACEMENT
(SSSR)**

Consultant Signature Box Only

Designed by/Concept par
I. BARNES

Drawn by/Dessine par
J. BIELING / S. SEYMOUR

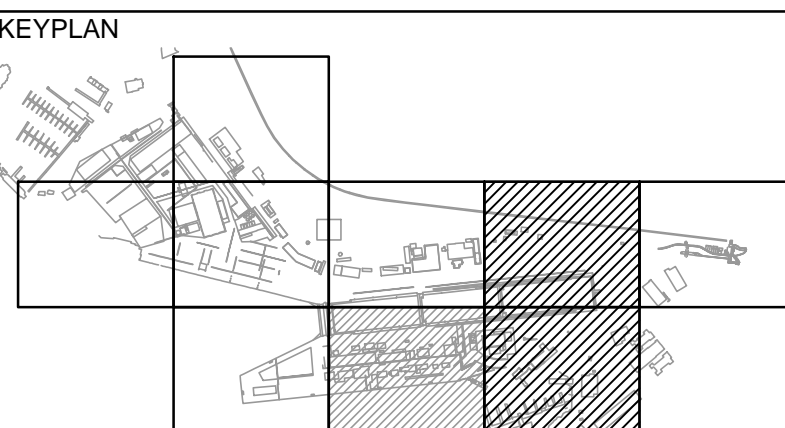
PWGSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc

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

Drawing title/Titre du dessin

EGD SITE LIGHTING

Project No./No. du projet R.062548.2	Sheet/Feuille 5906	Revision no./ La Révision no. 5
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5	ISSUED FOR TENDER	15/01/28
4	ISSUED FOR 99% DESIGN REVIEW	16/01/06
3	ISSUED FOR 66% DESIGN REVIEW	15/11/25
2	ISSUED FOR 33% DESIGN REVIEW	15/10/28
1	ISSUED FOR DESIGN DEVELOPMENT	15/09/11
0		
Revision/ Edition	Description/Description	Date/date

Client/client

ESQUIMALT GRAVING DOCK

825 ADMIRALS ROAD
VICTORIA, BC, V9A 2P1

Project title/Titre du projet
825 ADMIRALS ROAD VICTORIA BC
ESQUIMALT GRAVING DOCK
ELECTRICAL SAFETY UPGRADE

SOUTH SUBSTATION SWITCHGEAR REPLACEMENT (SSSR)

Consultant Signature Box Only

Designed by/Concept par
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Drawn by/Dessine par
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PWGSC Project Manager/Administrateur de Projets TPSGC
Jamie LeBlanc

PWGSC, Regional Manager, Architectural and Engineering Services
 Gestionnaire régionale, Services d'architectural et de génie, TPSG
Preetipal Paul

Drawing title/Titre du dessin

SSSR - SSES CONNECTION ROUTE

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.062548.2	5907	5





KEYPLAN

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Client/client		

825 ADMIRALS ROAD
VICTORIA, BC, V9A 2P1

**SOUTH SUBSTATION
SWITCHGEAR
REPLACEMENT
(SSSR)**

Designed by/Concept par
I. BARNES

	PWGSC Project Manager/Ad
--	--------------------------

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

[illegible]

EXISTING EGD FIRE ALARM SYSTEM

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.062548.2	5923	5

