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Bid Receiving Public Works and Government
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Travaux publics et Services gouvernementaux
Canada
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British Columbia
V6Z 0B9
Bid Fax: (604) 775-9381

SOLICITATION AMENDMENT

MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Public Works and Government Services Canada -
Pacific Region
800 Burrard Street, Room 219
800, rue Burrard, pièce 219
Vancouver
British C
V6Z 0B9

Title - Sujet South Substation Switchgear Replace	
Solicitation No. - N° de l'invitation EZ108-162126/A	Amendment No. - N° modif. 007
Client Reference No. - N° de référence du client	Date 2016-03-21
GETS Reference No. - N° de référence de SEAG PW-\$PWY-026-7753	
File No. - N° de dossier PWY-5-38400 (026)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-03-29	
Time Zone Fuseau horaire Pacific Daylight Saving Time PDT	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Liu (PWY), Patty	Buyer Id - Id de l'acheteur pwy026
Telephone No. - N° de téléphone (604) 775-6227 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: PWGSC - Esquimalt Graving Dock - Victoria, BC	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Solicitation No. - N° de l'invitation
EZ108-162126/A
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.
007
File No. - N° du dossier
PWY-5-38400

Buyer ID - Id de l'acheteur
pwy026
CCC No./N° CCC - FMS No./N° VME

Les documents francais seront disponibles sur demande.

Amendment 007 has been raised to incorporate Addendum no. 3.

All other terms and conditions remain unchanged.

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**The following changes/clarifications in the tender documents are effective immediately.
This addendum will form part of the contract documents.**

Special Instructions to Bidders

1.0 SPECIFICATIONS

1. Refer to Specification Section

2.0 DRAWINGS

1. Refer to Wall Type Schedule, Drawing 5700 - Project Data
Revise Interior Wall Type Schedule, W1 and add Wall Type EW4 as per attached Drawing SK-07
2. Refer to 5/5703 New Service Pit, Drawing 5703 – Service Pit Plan
Add access hatch location and new steel cat ladder per attached Drawing SK-05
3. Refer to 2/5704 New Ground Floor Plan, Drawing 5704 - Main Floor Plan
Add access hatch per attached Drawing SK-04
4. Refer to Drawing 5704 - Main Floor Plan
Add detail 4/5704 Access Hatch Section per attached Drawing SK-06
5. Refer to 5/5703 New Service Pit, Drawing 5703 – Service Pit Plan
Add line of concrete footing below and step at concrete slab for mechanical sump per attached drawing SK-08.
6. Refer to 1/5711 Section 1, Drawing 5711 – Building Sections
Add outline of sump pump beyond and line of structure around sump pump per attached Drawing SK-09
7. Refer to 1/5712 Section 2, Drawing 5712 – Building Sections
Add sump pump behind and slab around sump pump per attached Drawing SK-10
8. Refer to 5/5703 New Service Pit
Revise Wall Type per attached Drawing SK-11
9. Refer to 5/5718 Duct Bank plan detail at gridline A-2
Clarify waterproofing extent per attached SK-12

10. Refer to 1/5718 Typical Below Grade Seismic Joint Detail
 Clarify waterproofing extent per attached Drawing SK-13

3.0 QUESTIONS

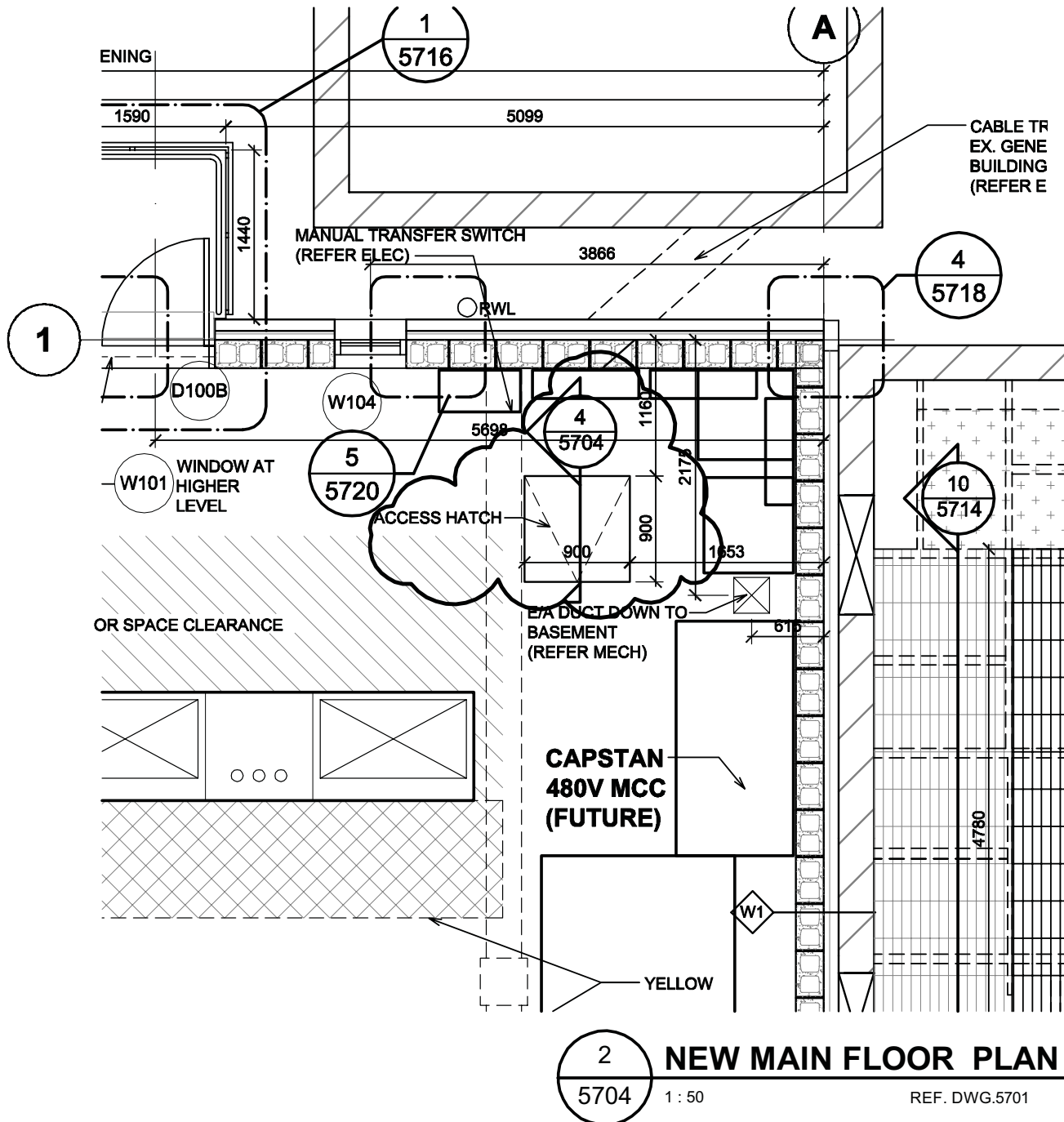
1. We note that on the Architectural drawings wall type W1 is called up as being 190mm thick concrete block however on the structural drawings these walls are noted as 240mm thick concrete block. Please confirm what thickness these walls are to be.

Response: Refer to attached drawing SK-07

REFER TO:

Structural Addendum No. 2 dated 2016-03-11 (4 pages).

End of Addendum #3



Project title/Titre du projet
ESQUIMALT GRAVING DOCK
SOUTH SUBSTATION SWITCHGEAR REPLACEMENT PROJECT
825 ADMIRALS ROAD, VICTORIA, B.C., V9A 2P1

Drawing title/Titre du dessin
5704 MAIN FLOOR PLAN

Consultant Signature Only
CHERNOFF THOMPSON ARCHITECTS

PWSCSC Project Manager/Administrateur
de Projets TPSGC Jamie LeBlanc

Scale/Echelle
N.T.S.

Designed by/Concept par
T.Y.

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

Date/Date
2016-03-17

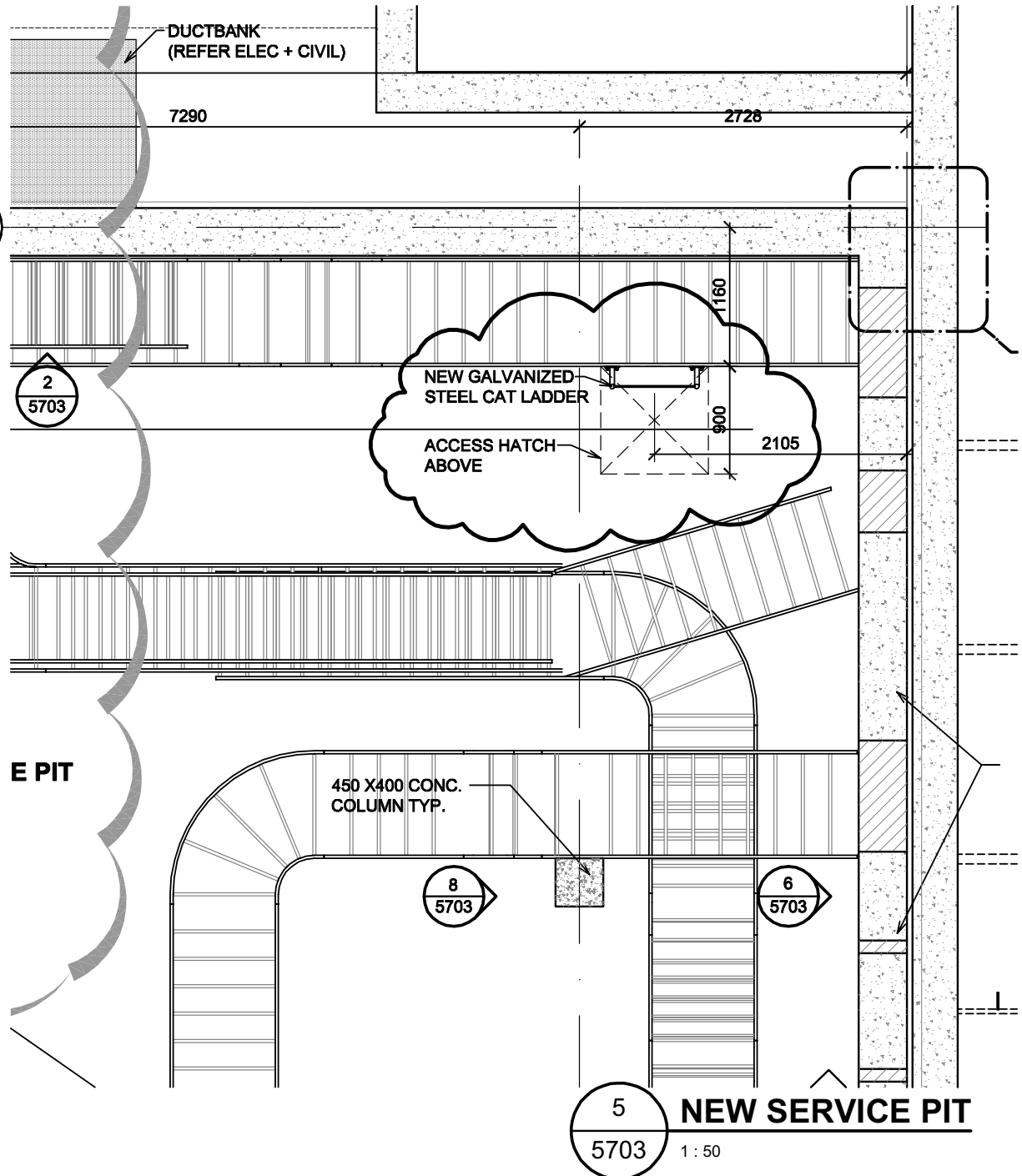
Drawn by/Dessine par
S.V.

Project No./No. du
projet R.062548.002

Sheet/Feuille
SK-04

Revision/
Revision
0





Project title/Titre du projet
ESQUIMALT GRAVING DOCK
SOUTH SUBSTATION SWITCHGEAR REPLACEMENT PROJECT
825 ADMIRALS ROAD, VICTORIA, B.C., V9A 2P1

Drawing title/Titre du dessin
5703 SERVICE PIT PLAN

Consultant Signature Only
CHERNOFF THOMPSON ARCHITECTS

PWSCS Project Manager/Administrateur
de Projets TPSGC Jamie LeBlanc

Scale/Echelle
N.T.S.

Designed by/Concept par
T.Y.

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

Date/Date
2016-03-17

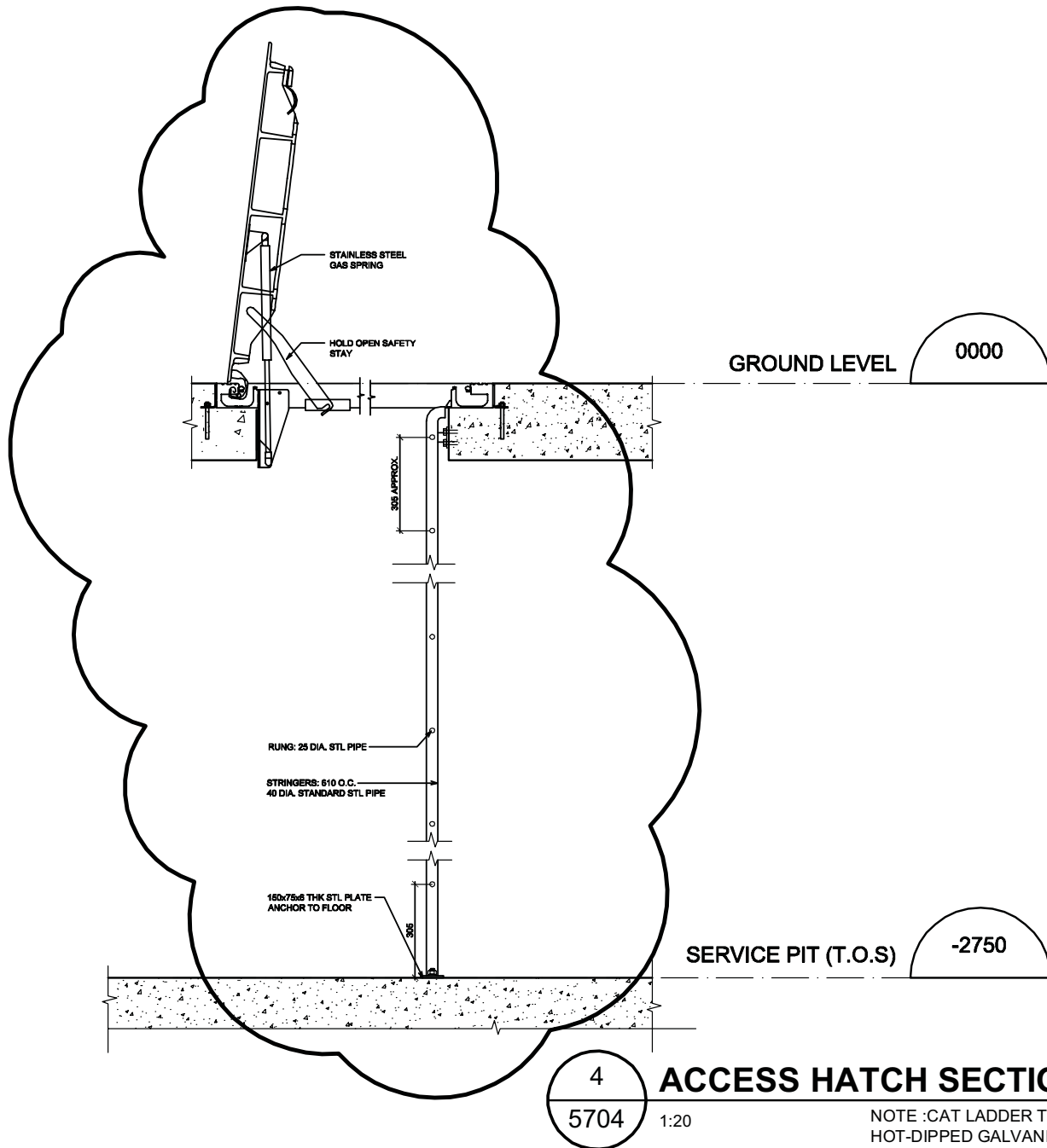
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Project No./No. du
projet R.062548.002

Sheet/Feuille
SK-05

Revision/
Revision
0





Project title/Titre du projet
ESQUIMALT GRAVING DOCK
SOUTH SUBSTATION SWITCHGEAR REPLACEMENT PROJECT
825 ADMIRALS ROAD, VICTORIA, B.C., V9A 2P1

Drawing title/Titre du dessin
5704 MAIN FLOOR PLAN

Consultant Signature Only
CHERNOFF THOMPSON ARCHITECTS

PWSC Project Manager/Administrateur
de Projets TPSGC Jamie LeBlanc

Scale/Echelle
N.T.S.

Designed by/Concept par
T.Y.

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

Date/Date
2016-03-17

Drawn by/Dessine par
S.V.

Project No./No. du
projet R.062548.002

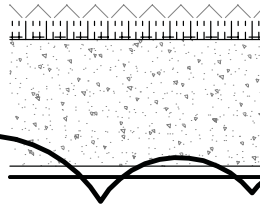
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SK-06

Revision/
Revision
0



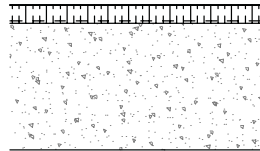


EW3



TYP. BELOW GRADE WALL
- DRAINAGE MAT
- 50 MM THK RIGID INSULATION
- WATER PROOFING MEMBRANE
- CONCRETE WALL

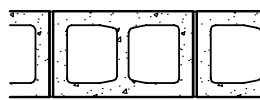
EW4



TYP. BELOW GRADE WALL
- COMPRESSIBLE POLYSTYRENE FOAM
- WATERPROOFING MEMBRANE
- CONCRETE WALL

INTERIOR WALL TYPE SCHEDULE

W1



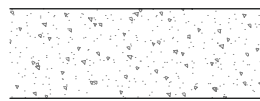
TYP. INTERIOR WALL
- 240mm THK CONCRETE MASONRY BLOCK (PAINTED)
- REFER TO STRUCTURAL DRAWINGS FOR REINFORCEMENT AND GROUTING REQUIREMENTS

W2



TYP. FURRING (19R FRR)
- 12 THK GWB
- 92 STL STUD @ 400 O.C.
- EX. MASONRY OR CONCRETE WALL

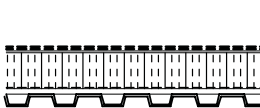
W3



TYP. EXPOSED CONCRETE WALL
- REFER TO STRUCTURAL DRAWINGS FOR WALL THICKNESS

ROOF TYPE SCHEDULE

R1



TYP. FLAT ROOF
- 2 PLY SBS ROOFING MEMBRANE
- 1 LAYER PROTECTION BOARD
- 75MM RIGID INSULATION (R15)
- SELF-ADHESIVE VAPOUR RETARDANT MEMBRANE
- 15.9MM EXT. GYPSUM ROOF BOARD
- ROOF DECK ON ROOF STRUCTURE SLOPE TO DRAIN

Project title/Titre du projet

**ESQUIMALT GRAVING DOCK
SOUTH SUBSTATION SWITCHGEAR REPLACEMENT PROJECT**
825 ADMIRALS ROAD, VICTORIA, B.C., V9A 2P1

Drawing title/Titre du dessin

**WALL TYPE SCHEDULE
(REF: DRAWING 5700 - PROJECT DATA)**

Consultant Signature Only
CHERNOFF THOMPSON ARCHITECTS

PWSCS Project Manager/Administrateur
de Projets TPSGC Jamie LeBlanc

Scale/Echelle
N.T.S.

Designed by/Concept par
T.Y.

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

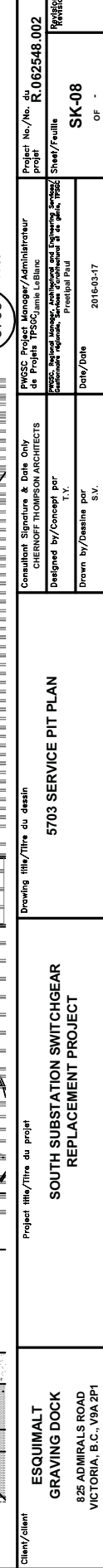
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2016-03-17

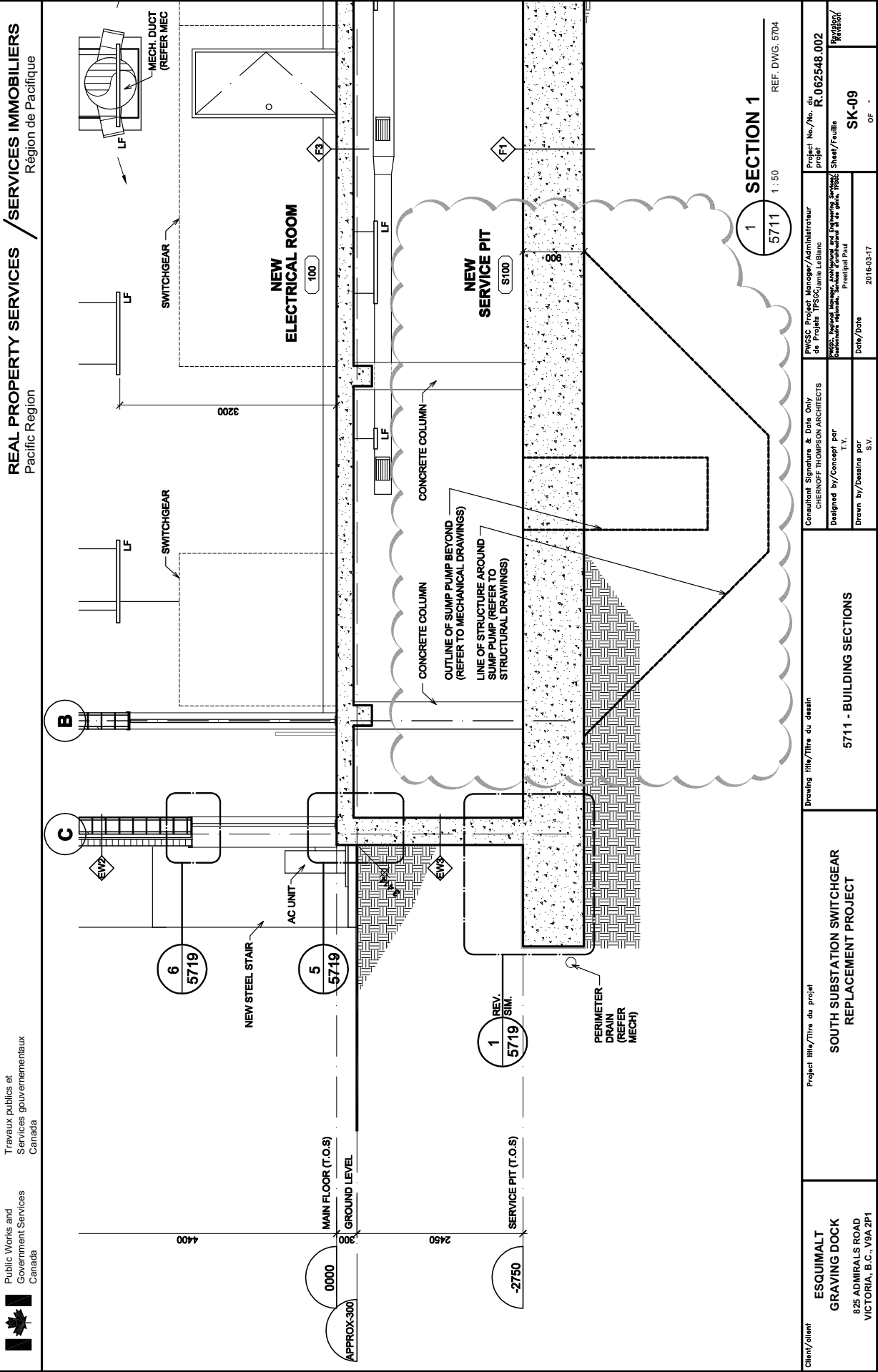
Drawn by/Dessine par
S.V.

Project No./No. du
projet R.062548.002

Sheet/Feuille
SK-07

Revision/
Revision
0









Client/client	ESQUIMALT GRAVING DOCK 825 ADMIRALS ROAD VICTORIA, B.C., V9A 2P1	Project title/Titre du projet	Drawing title/Titre du dessin	FWGSC Project Manager/Administrateur de projet TPSCJ ¹ Jean Le Blanc		Project No./No. du projet	R.062548.002
	SOUTH SUBSTATION SWITCHGEAR REPLACEMENT PROJECT		5703 SERVICE PIT PLAN		Consultant Signature & Date Only CHERNOFF THOMPSON ARCHITECTS		
			Designed by/Concept par T.Y.	FWGSC National Inspector, Architectural and Engineering Services/ Certificatée nationale, Services d'architectural et de génie, 1992	Sheet/Feuille	SK-11	
			Drawn by/Dessiné par S.V.	Principal Paul	Date/Date	2016-03-17 OF -	



Public Works and
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Travaux publics et
Services gouvernementaux
Canada

REAL PROPERTY SERVICES / **SERVICES IMMOBILIERS**
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BUILDING

NEW BUILDING
INTERIOR

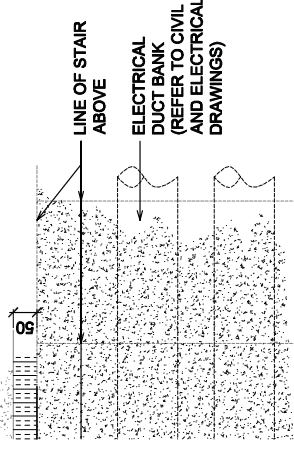
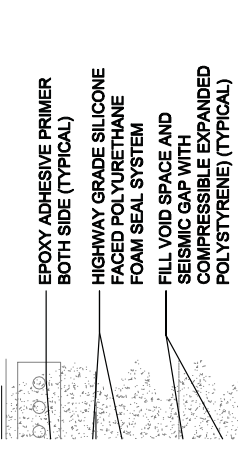
BUILDING
INTERIOR



ED

RICK WALL

EXISTING CONCRETE
ON WALL BELOW (FIELD
LOCATION)
BUILDING
INTERIOR



APPLY TORCHABLE SBS WATERPROOF
EXPANSION JOINT MEMBRANE ON FACE
OF EXISTING BUILDING FOR 300mm MIN.
(TO ALLOW FOR MOVEMENT)

FILL VOID WITH
COMPRESSIBLE EXPANDED
POLYSTYRENE INSULATION

FIELD APPLIED SILICONE
SEALANT BAND ON B/S
(TYPICAL)

EPOXY ADHESIVE PRIMER
BOTH SIDES

HIGHWAY GRADE SILICONE
FACED POLYURETHANE
FOAM SEAL SYSTEM

WATERPROOF MEMBRANE

SEISMIC GAP (FILLED WITH
COMPRESSIBLE EXPANDED
POLYSTYRENE)

EXISTING CONCRETE WALL OF
EXISTING PUMPHOUSE

**TYPICAL BELOW GRADE
1 SEISMIC JOINT DETAIL**

5718 1:5

Client/Client

**ESQUIMALT
GRAVING DOCK**
825 ADMIRALS ROAD
VICTORIA, B.C., V9A 2P1

Project title/Titre du projet

**SOUTH SUBSTATION SWITCHGEAR
REPLACEMENT PROJECT**

Drawing title/Titre du dessin

5718 - PLAN DETAILS

Consultant Signature & Date Only
CHERNOFF THOMPSON ARCHITECTS

Designed by/Concept par
T.Y.

Drawn by/Dessiné par
S.V.

Project No./No. du
projet

PWSSC - Project Manager/Administrateur
de Projets TPS/Chantal LeBlanc

Project No./No. du
projet

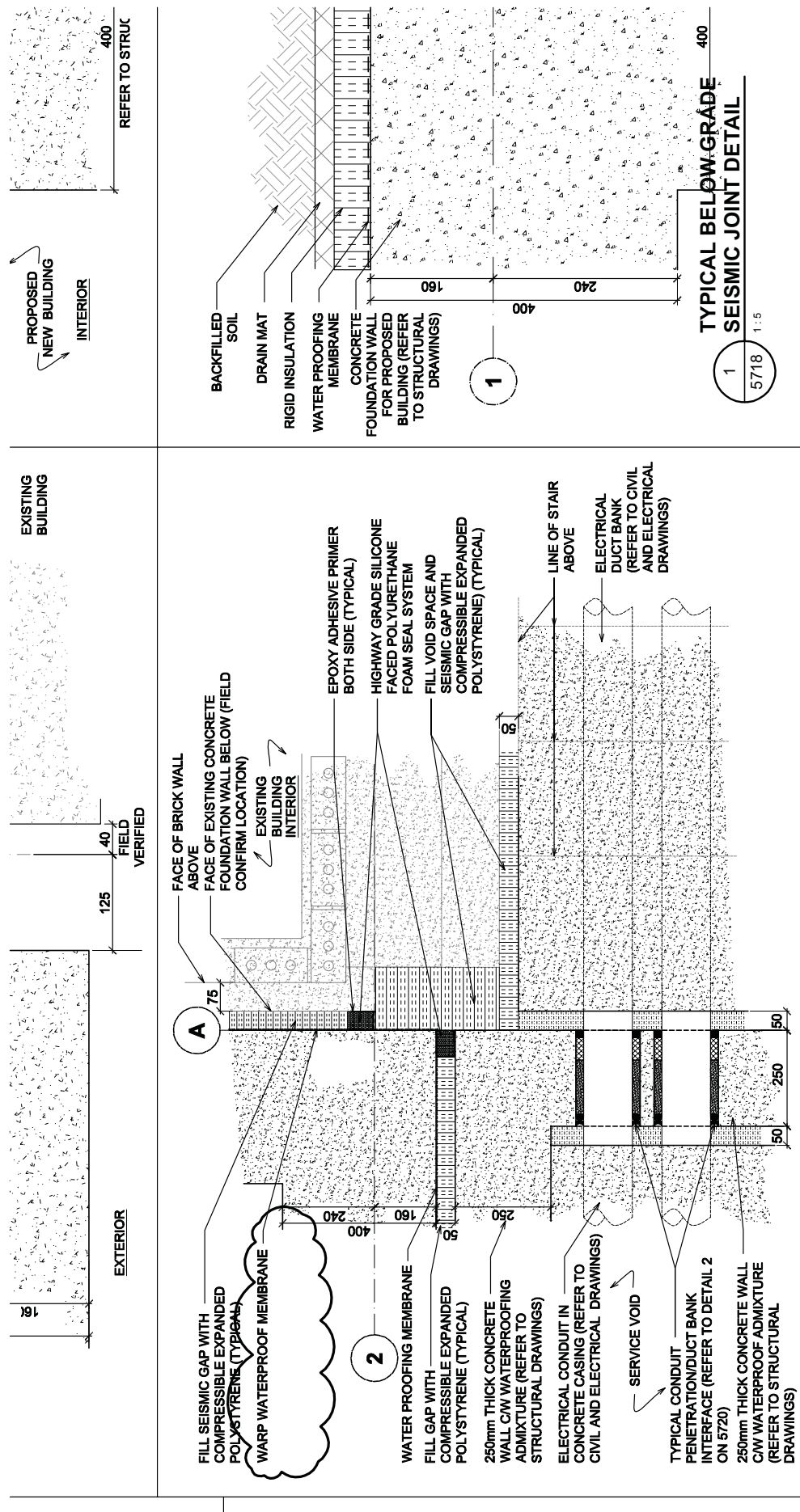
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OF -



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REAL PROPERTY SERVICES / SERVICES IMMOBILIERS
Pacific Region / Région de Pacifique



Client/Client	ESQUIMALT GRAVING DOCK 825 ADMIRALS ROAD VICTORIA, B.C., V9A 2P1	Project title/Titre du projet SOUTH SUBSTATION SWITCHGEAR REPLACEMENT PROJECT	Drawing title/Titre du dessin 5718 - PLAN DETAILS	Consultant Signature & Date Only CHERNOFF THOMPSON ARCHITECTS T.Y. Designed by/Concept par Drawn by/Dessiné par S.V.		PWSC Project Manager/Administrateur de Projets /PSO/Janine LeBlanc PWSC, General Manager, and Senior Engineering Specialist Commande générale et spécialiste de génie, PWSC Fredrick Paul	Project No./No. du projet R.062548.002	Revision/ Révision/ SK-13 OF -



The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

STRUCTURAL ADDENDUM No. 2

This Addendum contains 2 pages and 2 -11"x17" sketches

RESPONSE TO QUESTIONS

- QUESTION:** The Floor elevations indicated in section A / 5607 are not correct.
The Main Floor elevation is 3.675 geodetic (design elevation 0.000) as indicated on Architectural drawing 5702. The Service Pit floor elevation is .925 geodetic (design elevation -2.750)
- RESPONSE:** Revise floor elevations indicated in detail A / 5607 as follows:
The Main Floor elevation is 3.675 geodetic (design elevation 0.000) as indicated on Architectural drawing 5702. The Service Pit floor elevation is .925 geodetic (design elevation -2.750)
- QUESTION:** Please review the design of the Storm drainage system indicated on drawing 5805, particularly the need for the Subsoil Drain Lift Sump to be installed inside the Basement / Service Pit Floor. The Section through the Subsoil Drain Lift Sump, indicated on drawing 5806, requires the sump invert to be 2.725m below finish floor elevation. This significantly impacts the raft slab depression shown in section 1 / 5603 of the Structural drawings, which in turn impacts the overall dimensions of the raft slab. As it stands right now, Structural drawing 5603 does not correctly represent the impact of this Lift Sump. A quick calculation of the additional concrete volume due to this Lift Sump is in the order of 200 cm, plus the additional reinforcing steel.
- RESPONSE:** Revise section 1/5603 as per sketch AD-S01.

1.0 DWG 5604

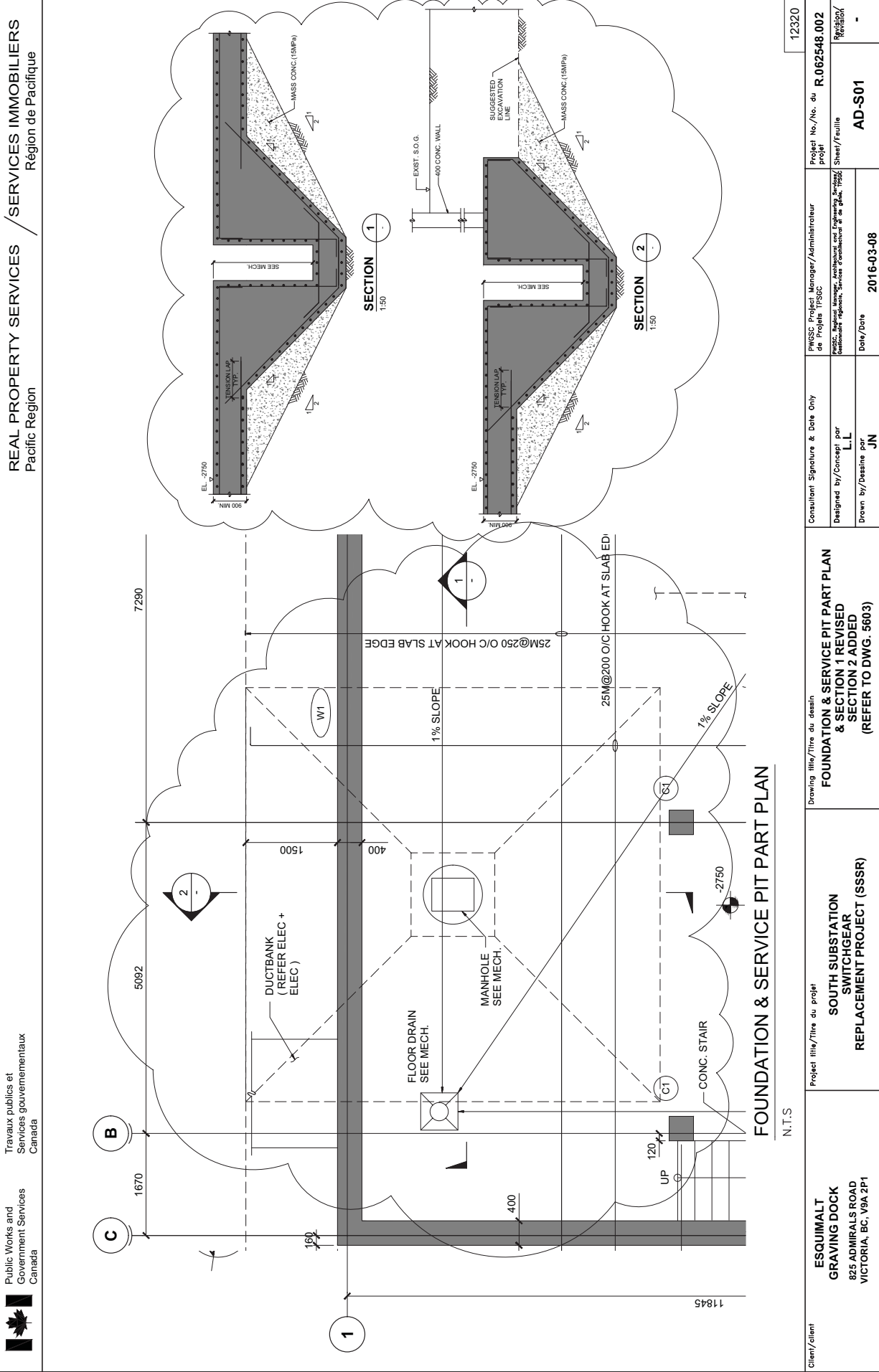
- 1.1 **REVISE** Main floor part plan as per attached addendum sketches AD-S02.
-

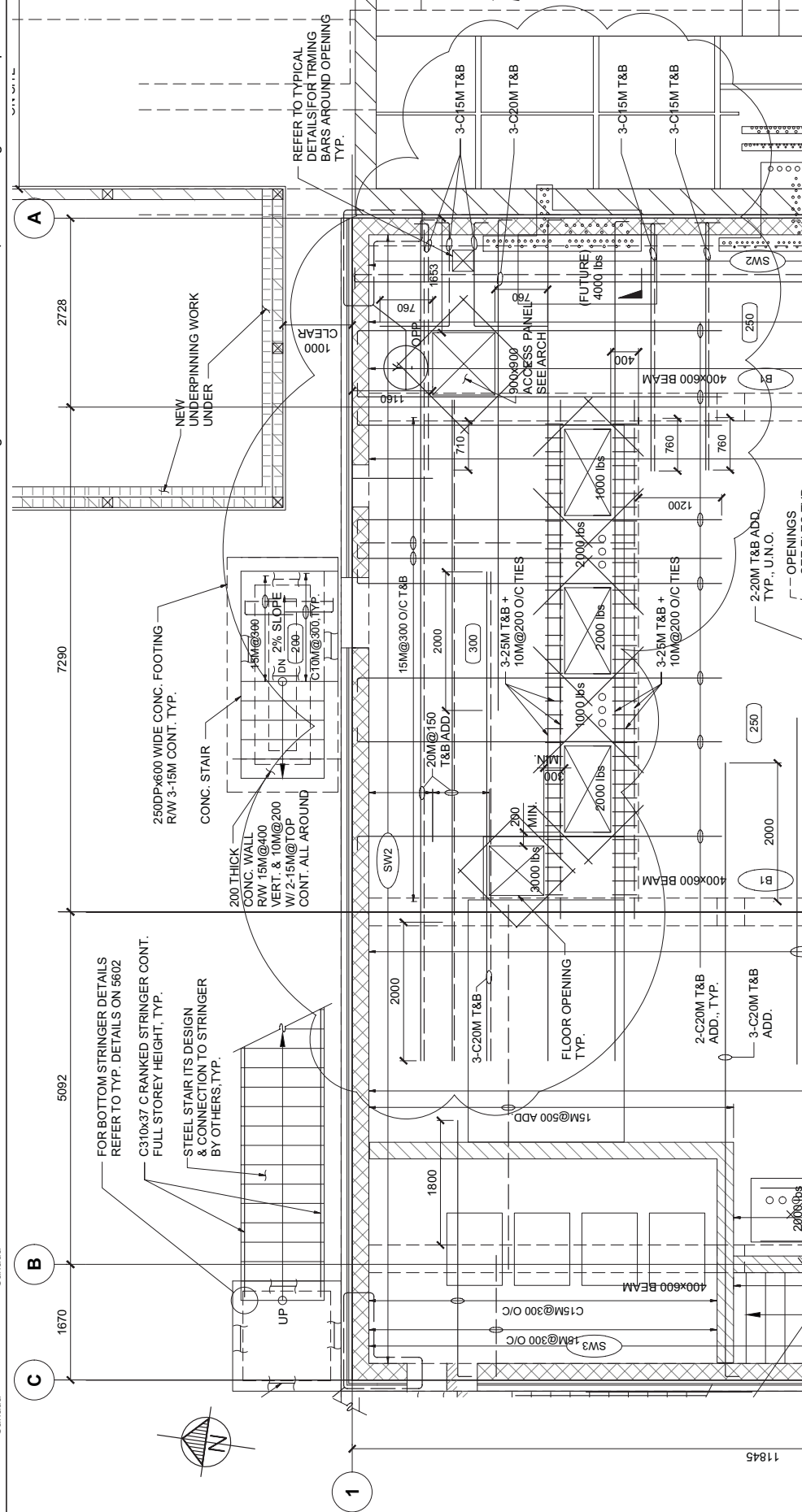
SPECIFICATIONS

- 2.0 03 30 00 CAST-IN-PLACE CONCRETE
2.1 **ADD** to section 2.2.2 table.

Member	Minimum 28-days strength (MPa)	maximum aggregate size (mm)	exposure class	air content Category
Concrete Duct	20	20	C-3	1

END OF STRUCTURAL ADDENDUM No .2





MAIN FLOOR PART PLAN

N.T.S

Client/client	ESQUIMALT GRAVING DOCK 825 ADMIRALS ROAD VICTORIA, BC, V9A 2P1	Project title/Titre du projet	SOUTH SUBSTATION SWITCHGEAR REPLACEMENT PROJECT (SSSR)	Drawing title/Titre du dessin	MAIN FLOOR PART PLAN REBARS REVISED & ACCESS PANEL ADDED (REFER TO DWG. 5604)	Consultant Signature & Date Only	PWSSC Project Manager/Administrateur de Projets TPSSC	Project No./No. du projet	R.0625548.002	Revision/ Révision	-
							Designed by/Concepteur par	Sheen/Fuille			
							L.L				
							Drawn by/Dessiné par				
							JN				
							Date/Date		2016-03-11		
									AD-S02		