

FORT WELLINGTON WASHROOM FIT-UP

FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

PARKS CANADA PROJECT No. 45410902

PRIME CONSULTANT:

SCHOELER & HEATON ARCHITECTS INC.
100-441 MACLAREN STREET
OTTAWA, ONTARIO K2P 2H3
18-549 S&H PROJECT No.
T > 613-237-6162
F > 613-237-6164

CIVIL/MECHANICAL/ELECTRICAL/STRUCTURAL
SNC LAVALIN 1145 HUNT CLUB ROAD, SUITE 300 - OTTAWA, ONTARIO

CIVIL DRAWING LIST

C000 LEGEND AND DRAWING LIST
C100 SERVICE PLAN
C200 NEW WORK DETAILS

ARCHITECTURAL DRAWING LIST

A000 MATRIX, LEGENDS, AND SCHEDULES
A001 SITE STAGING PLAN
A100 WASHROOM DEMOLITION
A101 WASHROOM NEW CONDITIONS
A102 WASHROOM FLOOR PLAN ENLARGEMENT
A400 WASHROOM ELEVATIONS
A401 WASHROOM ELEVATIONS
A402 INTERIOR ELEVATIONS
A500 SECTIONS AND DETAILS

STRUCTURAL DRAWING LIST

S1 DEMOLITION PLAN, NEW STRUCTURAL PLAN

MECHANICAL DRAWING LIST

M000 MECHANICAL - LEGEND, DRAWING LIST AND SCHEDULES
M100 MECHANICAL - PLUMBING AND UTILITIES PLAN
M101 MECHANICAL - HVAC PLAN
M200 DETAILS

ELECTRICAL DRAWING LIST

E000 LEGEND, DRAWING LIST AND SCHEDULES
E100 GROUND FLOOR LIGHTING AND FIRE ALARM
E200 GROUND FLOOR POWER AND SYSTEMS



ISSUED FOR TENDER- APRIL 1ST, 2019

660670 - FORT WELLINGTON WASHROOM FIT-UP - CIVIL

Canada

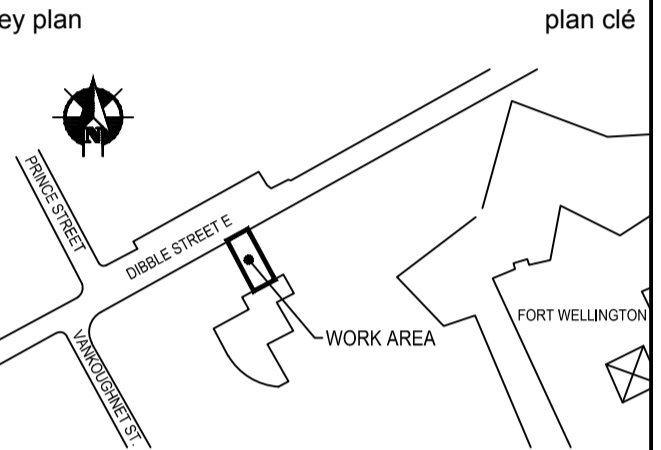
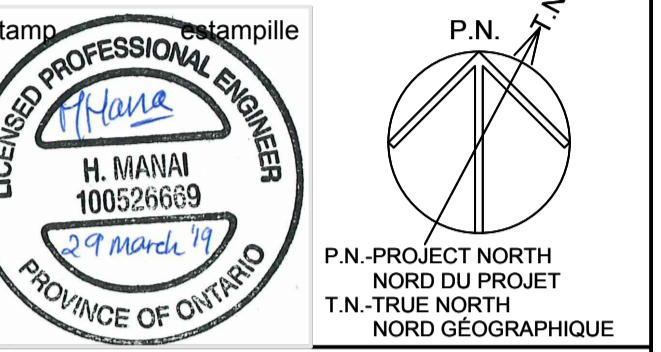
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Project Delivery & Professional/Technical Services
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Exécution de Projets et Services Professionnels/Techniques
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SNC-LAVALIN
Infrastructure Engineering
Eastern Canada

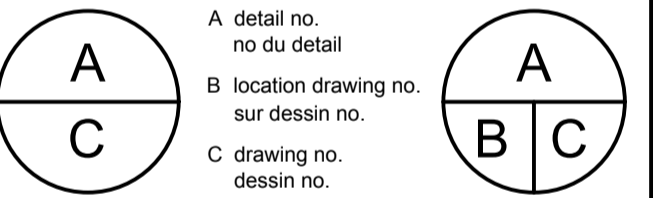
SNC-Lavalin inc.
300-1145 Hunt Club Road
Ottawa (Ontario) K1V 0Y3 Canada
Telephone: (613) 907-7100
www.snc-lavalin.com
SNC Project #660670



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

L'Entrepreneur doit vérifier toutes les dimensions et conditions sur le site et aviser immédiatement le représentant du ministère de toutes les divergences.

01	ISSUED FOR TENDER	2019/04/01
revisions	description	date



Project / Projet
FORT WELLINGTON WASHROOM FIT-UP
FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

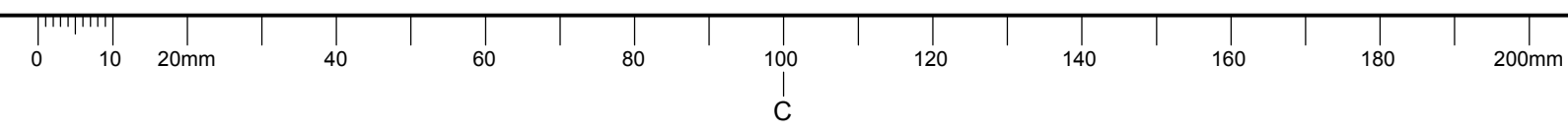
Drawing / Dessin
LEGEND AND DRAWING LIST

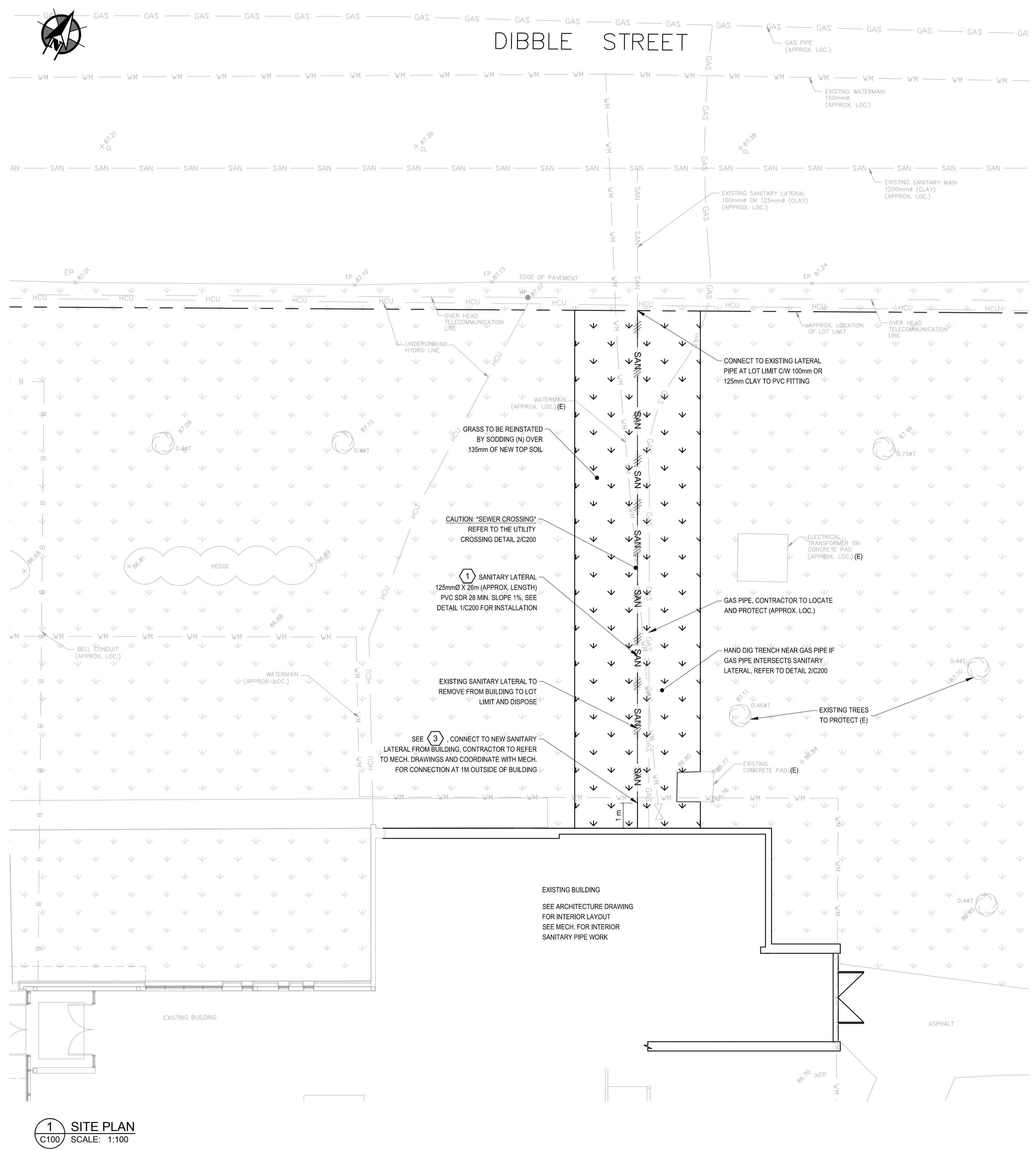
Designed By	P.D.	Conçu par
Date	01/24/19	(yyyy/mm/dd)
Drawn By	P.D.	Dessiné par
Date	01/24/19	(yyyy/mm/dd)
Reviewed By	H.M.	Examiné par
Date	01/24/19	(yyyy/mm/dd)
Approved By	D.C.	Approuvé par
Date	01/24/19	(yyyy/mm/dd)
Tender		Soumission
Project Manager	MARIA OFFIN	Administrateur de projets
Project no.		No. du projet
	45410902	
Drawing no.		No. du dessin
	C000	

GENERAL LEGEND	
SYMBOL	DESCRIPTION
#	SPECIFIC NOTE TAG
(E)	EXISTING TO REMAIN
(X)	DEMOLITION TO REMOVE
(R)	EXISTING TO BE RELOCATED
(N)	NEW WORK
C/W	COMPLETE WITH
N.T.S.	NOT TO SCALE

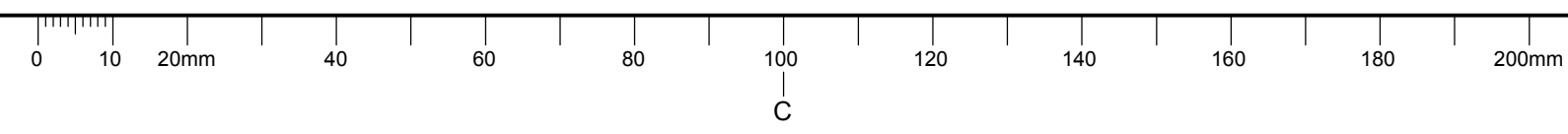
DRAWING LIST	
DRAWING NUMBER	DRAWING TITLE
C000	LEGEND AND DRAWING LIST
C100	SERVICE PLAN
C200	NEW WORK DETAILS

CIVIL LEGEND	
SYMBOL	DESCRIPTION
— SAN —	EXISTING SANITARY PIPE
— SAN —	NEW SANITARY PIPE
— STM —	EXISTING STORM PIPE
— STM —	NEW STORM PIPE
— WM —	EXISTING WATERMAIN
— WM —	NEW WATERMAIN
— GAS —	EXISTING NATURAL GAS CONDUIT
— — — —	OVERHEAD TELECOMMUNICATION LINE
— — — —	BOUNDARY LIMIT LINE
— — — —	SERVICE REMOVAL
○ FH	FIRE HYDRANT
▽	WATERMAIN VALVE
○ MH	MANHOLE
■ BB	TELEPHONE PEDESTAL
● HP	HYDRO POST
> ANC	ANCHOR
● SP	STOP SIGN
x @	EXISTING ELEVATION
EP	EDGE OF PAVEMENT
CL	CENTER LINE
G	GRASS
TS	TOP OF SLOPE
BS	BOTTOM OF SLOPE
0.4φT	DIAMETER OF TREE TRUNK
○	TREE
⊖	HEDGE





1 SITE PLAN
C100 SCALE: 1:100



GENERAL NOTES / NOTES GÉNÉRALES:

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND MEASUREMENTS AT THE SITE AND REPORT ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS WHICH MAY ADVERSELY AFFECT THE PROPER COMPLETION OF THE WORK TO THE DEPARTMENTAL REPRESENTATIVE.
- CONTRACTOR IS RESPONSIBLE TO CONDUCT SEPARATE PRIVATE UNDERGROUND UTILITY LOCATES TO ENSURE ALL UTILITIES HAVE BEEN LOCATED ON SITE PRIOR TO THE REMEDIAL EXCAVATION ACTIVITIES AND PROPERLY SECURED TO PREVENT DAMAGE DURING THE ON-SITE EXCAVATION.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS & ELEVATIONS, ON SITE, AND SHALL BE RESPONSIBLE FOR THESE. CIVIL DRAWING IS NOT GEOREFERENCED, EVERY DIMENSION AND LOCATION ARE APPROXIMATE.

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 SNC Project #660670

key plan / plan clé

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A detail no. no du détail
 B location drawing no. sur dessin no.
 C drawing no. dessin no.

Project / Projet
FORT WELLINGTON WASHROOM FIT-UP
FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

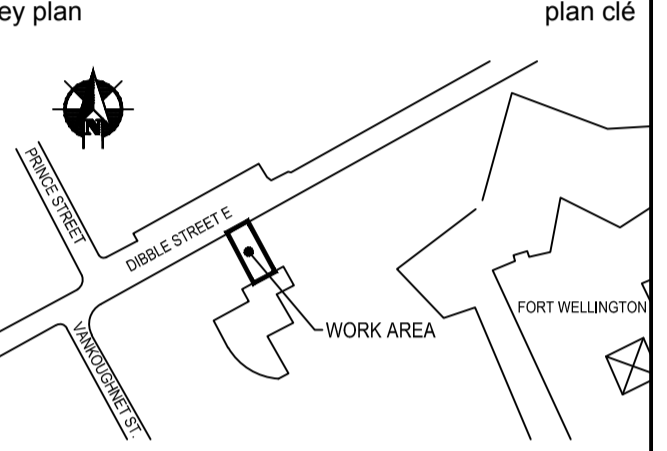
Drawing / Dessin
SERVICE PLAN

Designed By	P.D.	Conçu par
Date	01/24/19	(yyyy/mm/dd)
Drawn By	P.D.	Dessiné par
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Project Manager	MARIA OFFIN Administrateur de projets	
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	45410902	
Drawing no.	No. du dessin	
	C100	

stamp / estampille

LICENCED PROFESSIONAL ENGINEER
H. MANAI
100526669
29 March 19
PROVINCE OF ONTARIO

P.N.
P.N. - PROJECT NORTH
NORD DU PROJET
T.N. - TRUE NORTH
NORD GÉOGRAPHIQUE



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A
C

A
B
C

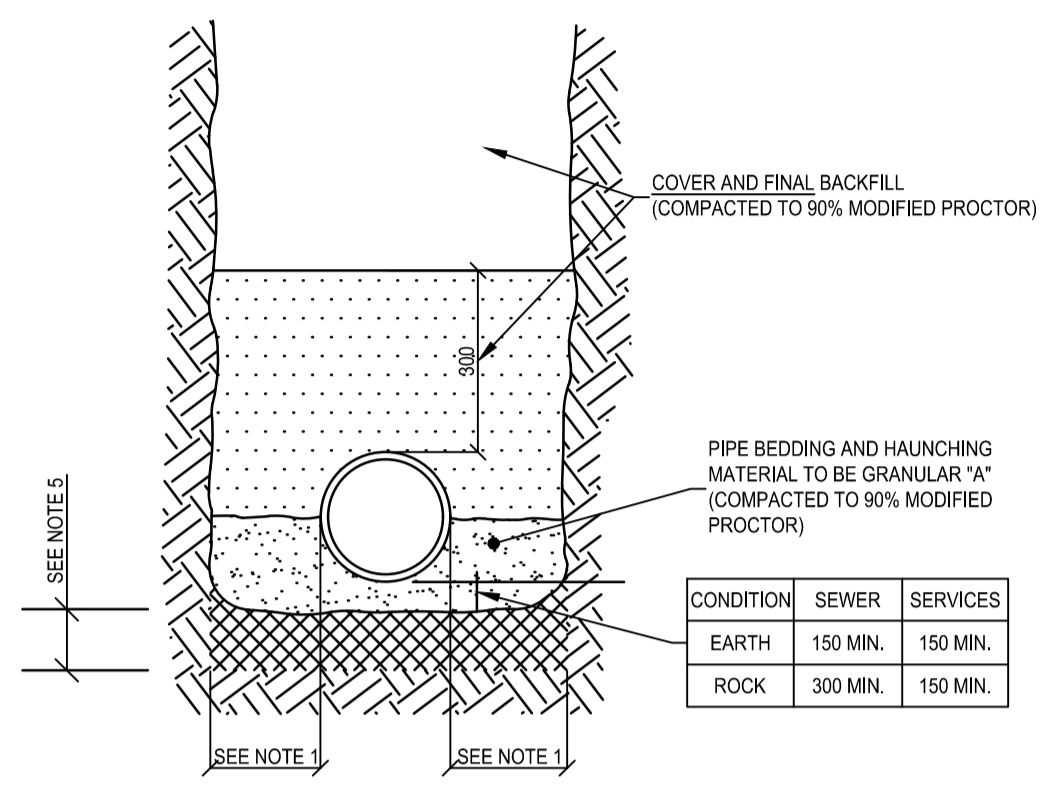
Project / Projet
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Drawing / Dessin
NEW WORK DETAILS

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Tender		Soumission
Project Manager	MARIA OFFIN	Administrateur de projets
Project no.		No. du projet

45410902

Drawing no. / No. du dessin
C200

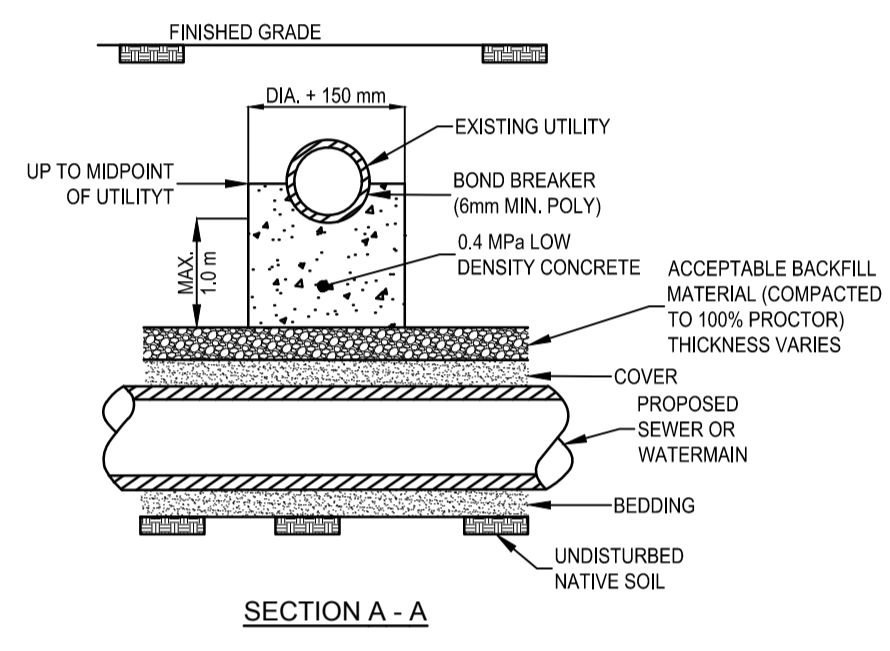
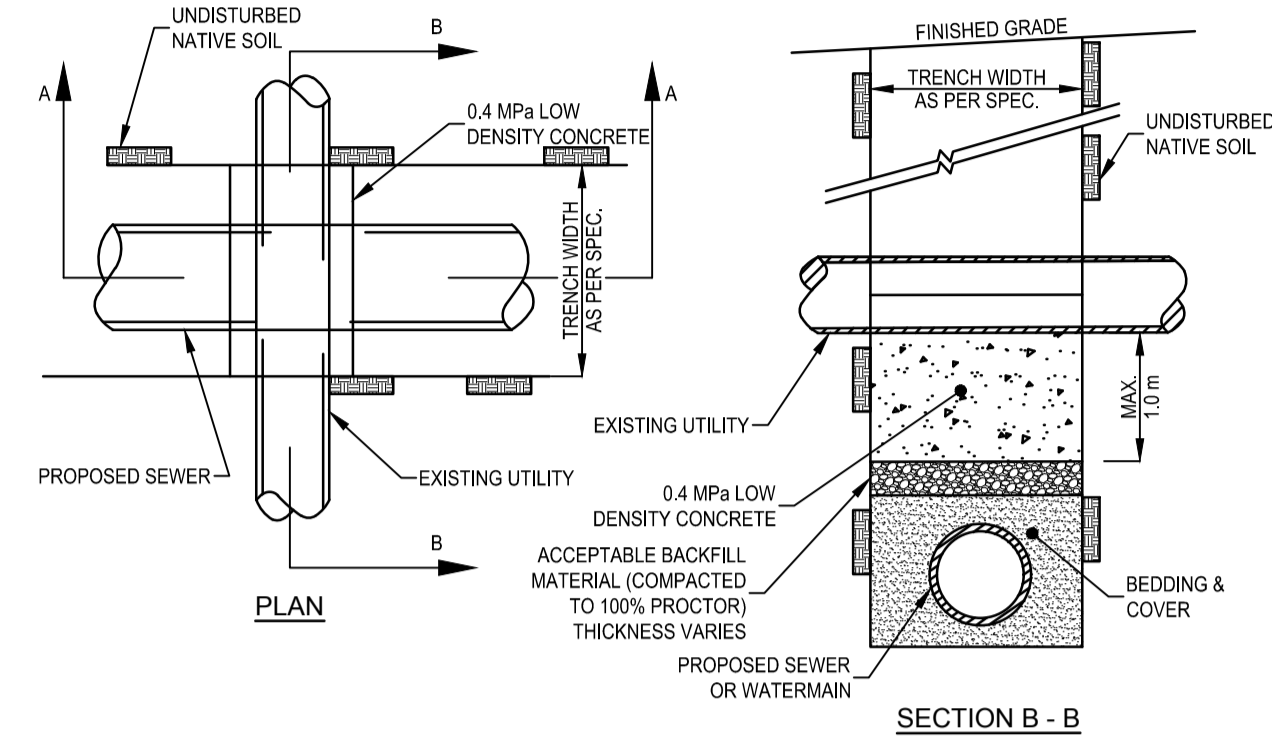


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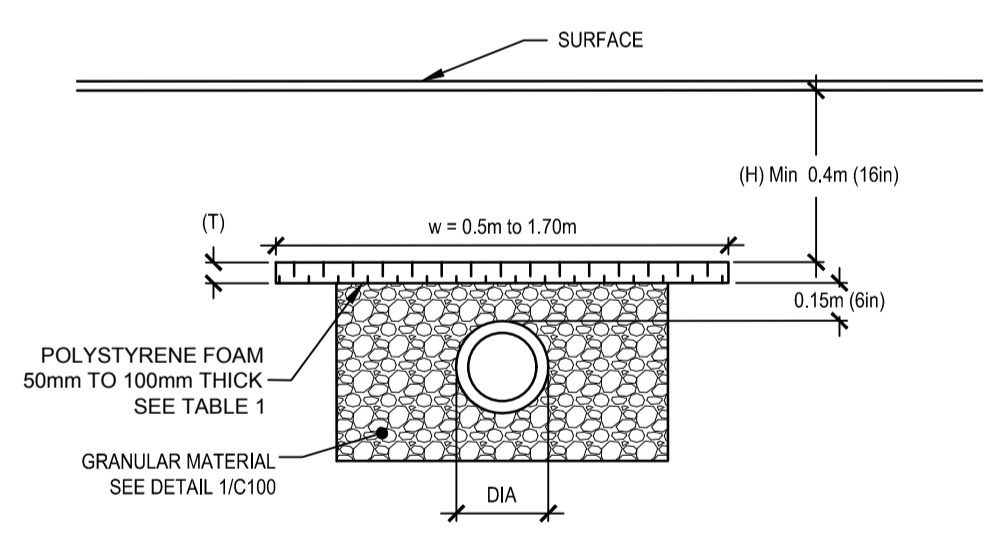
PIPE INSIDE DIAMETER (mm)	CLEARANCE (mm)
900 OR LESS	CONC 450 PVC 450
OVER 900	500

- FINAL BACKFILL - APPROVED NATIVE MATERIAL EXEMPT FROM ORGANIC SOIL.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE.
- INITIAL BACKFILL MATERIAL - CONCRETE PIPE - SAND, GRANULAR "A" - PVC PIPE - GRANULAR "A"
- WHEN APPROVED BY THE CONTRACT ADMINISTRATOR, POOR SOILS SHALL BE EXCAVATED TO CREATE A FOUNDATION THAT SHALL BE FILLED TO THE BOTTOM OF THE BEDDING WITH GRANULAR "B".

1 SINGLE TRENCH (SEWER LATERAL)
C200 N.T.S.



2 UTILITY CROSSING DETAIL
C200 N.T.S.

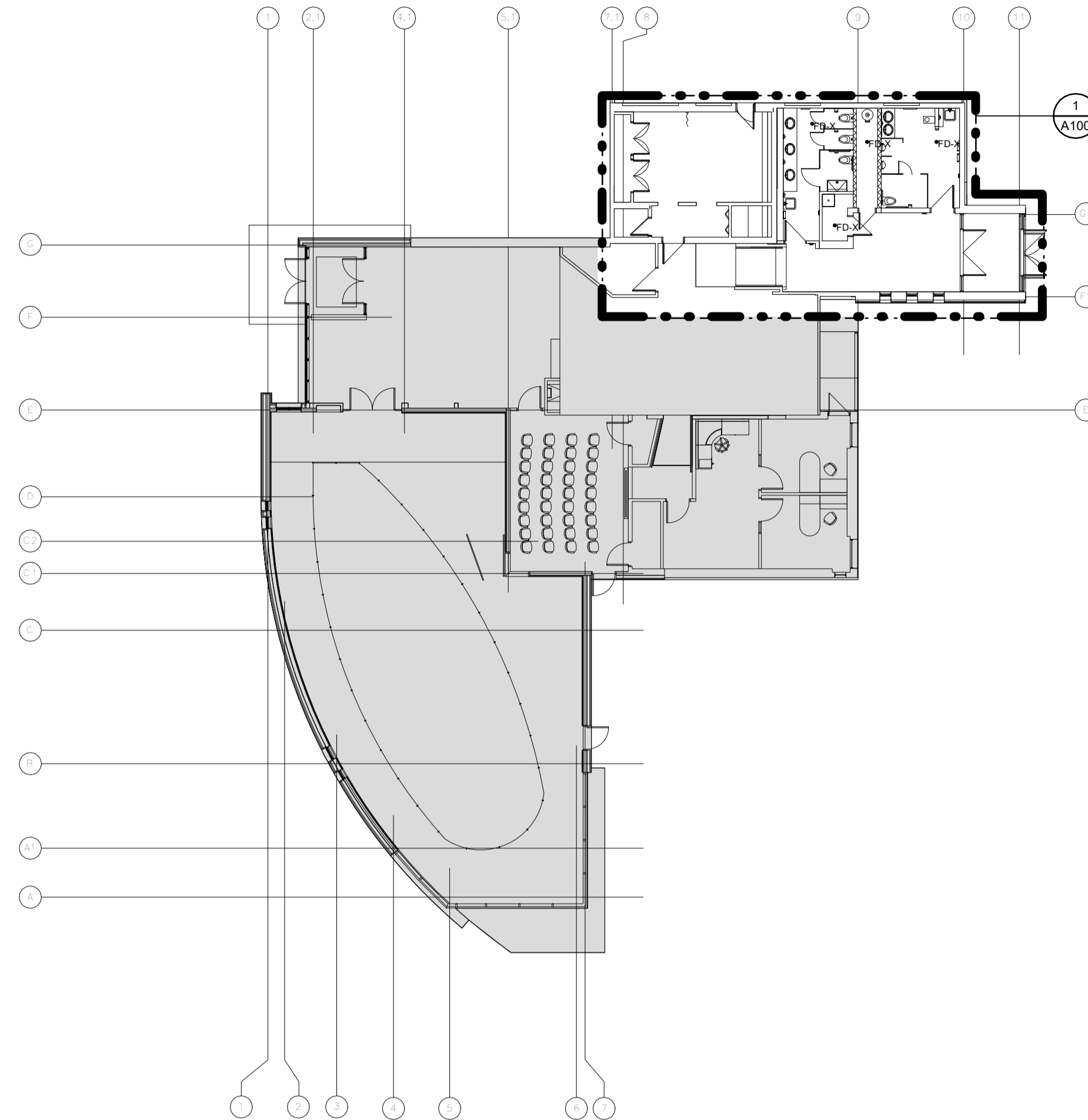


3 INSULATION DETAIL
C200 N.T.S.

TABLE 1: INSULATION REFERENCE TABLE

EFFECTIVE EARTH COVER (H)	REQUIRED THICKNESS (T)	REQUIRED WIDTH (W)
1800 - 1500 mm	75 mm	725 mm
1500 - 1200 mm	100 mm	1600 mm

Architects: schoeler & heaton architects inc. 401-180 RUE METCALFE STREET, OTTAWA, CANADA K2P 1P5		Name of Project / Nom du Projet: FORT WELLINGTON WASHROOM RENOVATIONS	
Architect: Jonathan Harper, OAA, RAIC		Location: FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT, ONTARIO	
Item	Building Code Data Matrix / Matrice de Données du Code de L'édifice	OBC / NBCC Reference / Référence CBO/CNBC:	
1	Project Description / Description du Projet: <input type="checkbox"/> New / Nouveau <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Addition <input type="checkbox"/> Change of Use / Changement d'Utilisation	<input type="checkbox"/> OBC Part 11 / Partie 11 11.1 to 11.4	<input type="checkbox"/> NBCC Part 3 / CNBC Partie 3 1.1.2 [A] 1.1.2 [A]
2	Major Occupancy(s) / Usage Principale(s): Group A Division 2	3.1.2.1	3.1.2.1
3	Building Area (m ²) / Aire de Bâtiment (m ²) Existing / Existante: 684 m ² New / Nouveau: 0 m ² Total: 684 m ²	1.4.1.2.	1.4.1.2.
4	Gross Area (m ²) / Aire Brute (m ²) Existing / Existante: 684 m ² New / Nouveau: 0 m ² Total: 684 m ²		
5	Number of Storeys / Nombre D'étages Above Grade / Audessus du Sol: 01 Below Grade / Audessous de la terre: N/A		
6	Number of Streets / Fire Fighter Access / Nombre de Rues-de Routes D'accès: 2 (two)	3.2.2.10 & 3.2.5.	3.2.2.10 & 3.2.5.
7	Building Classification / Classement de L'immeuble: Group A Division 2, up to two storeys	3.2.2.25	3.2.2.25
8	Sprinkler System Proposed / Système d'extincteurs automatique à eau proposé: <input type="checkbox"/> Entire Building / Ensemble du bâtiment <input type="checkbox"/> Selected Floor Areas / Aires de planchers sélectionnées <input type="checkbox"/> Selected Compartments / Compartiment sélectionnés <input checked="" type="checkbox"/> Not required / ne pas exigé <input type="checkbox"/> Basement /Sous-sol <input type="checkbox"/> in lieu of roof rating / substitution de l'estimation du toit	3.2.2.25	3.2.2.25
9	Standpipe Required / Conduit D'incendie Exigé <input type="checkbox"/> Yes / Oui <input checked="" type="checkbox"/> No / Non	3.2.9.1	3.2.5.8.
10	Fire Alarm Required / Alerte D'incendie <input checked="" type="checkbox"/> Yes / Oui <input type="checkbox"/> No / Non	3.2.4.	3.2.4.
11	Water Service - Supply is Adequate / Ravitaillement en eau-Alimentation Approprié <input checked="" type="checkbox"/> Yes / Oui <input type="checkbox"/> No / Non	3.2.5.7.	3.2.5.7.
12	High Building / Bâtiment Haut <input type="checkbox"/> Yes / Oui <input checked="" type="checkbox"/> No / Non	3.2.6.	3.2.6.
13	Construction Restrictions / Restrictions de construction <input type="checkbox"/> Combustible permitted / Combustible permis <input type="checkbox"/> Noncombustible permitted / Incombustible permis <input checked="" type="checkbox"/> Both / Les Deux Actual Construction / Construction Réelle <input type="checkbox"/> Combustible / Combustible <input type="checkbox"/> Noncombustible / Incombustible <input checked="" type="checkbox"/> Both / Les Deux	3.2.2.25	3.2.2.25
14	Mezzanine(s) Area m ² : N/A		
15	Occupant Load base on / Le nombre de personne est basé sur: <input type="checkbox"/> m ² /personne <input checked="" type="checkbox"/> Design of Building / Design du bâtiment		
16	Barrier-free Design / Aménagement pour Accès Facile <input checked="" type="checkbox"/> Yes / Oui <input type="checkbox"/> No / Non	3.8.	3.8.
17	Hazardous Substances / Substances Dangereuses <input type="checkbox"/> Yes / Oui <input checked="" type="checkbox"/> No / Non	3.3.1.2. & 3.3.1.19.	3.3.1.2. & 3.3.1.19.
18	Required Fire Resistance Rating (FRR) / Cotation Pour la Résistance au Feu Requise (FRR)	3.2.2.25	3.2.2.25
Horizontal Assemblies FRR / Assemblage Horizontal FRR		Listed Design No. or Description / Design Énumérée ou Description (SG-2)	
Floors / Planchers: 0.45 Hours / Heures		N/A	
Roof / Tot: 0.45 Hours / Heures		N/A	
Mezzanine: N/A		N/A	
FRR of Supporting Members / Cotation Pour la Résistance au Feu des Éléments Portants		Listed Design No. or Description / Design Énumérée ou Description (SG-2)	
Floors / Planchers: 0.45 Hours / Heures		N/A	
Roof / Tot: 0.45 Hours / Heures		N/A	
Mezzanine: N/A		N/A	
19	Spatial Separation - Construction of Exterior Walls / Séparation Spacial - Construction des Murs Exterieurs	3.2.3.	3.2.3.
Wall / Mur	Area of EBF (m ²) / Secteur de EBF (m ²)	L.D. (m) / L.H or H.L.	Permitted Max. % of Openings / Max. permis / % des ouvertures
			Proposed % of Openings / % des ouvertures proposées
		FRR Hours	Listed Design or Description / Design répertorié ou Description
		Combustible Construction / Construction combustible	Combustible Construction / Non-combustible Construction / Construction incombustible
			Non-combustible Construction / Construction incombustible
North / Nord			
South / Sud			
East / Est			
West / Ouest			
20	Plumbing Fixture Requirements / Exigences de l'appareil de plomberie	3.7.4.7.	3.7.2.2.
Male/Female Count / Hommes/Femme compter	Occupant Load / Nombre de personne	BC Table Number / Numéro du tableau du Code du Bâtiment	Fixtures Required / Appareils exigés
Basement / Sous-sol: Occupation/Usage Male/Hommes Occupation / Usage Female/Femme			
1st Floor / 1er étage: Occupation/Usage Male/Hommes Occupation / Usage Female/Femme	75	3.7.2.2.-A	2 3
2nd Floor / 2ième étage: Occupation/Usage Male/Hommes Occupation / Usage Female/Femme	75	3.7.2.2.-A	3 4
3rd Floor / 3ième étage: Occupation/Usage Male/Hommes Occupation / Usage Female/Femme			
21	Other (describe) / Autre (decrit)		

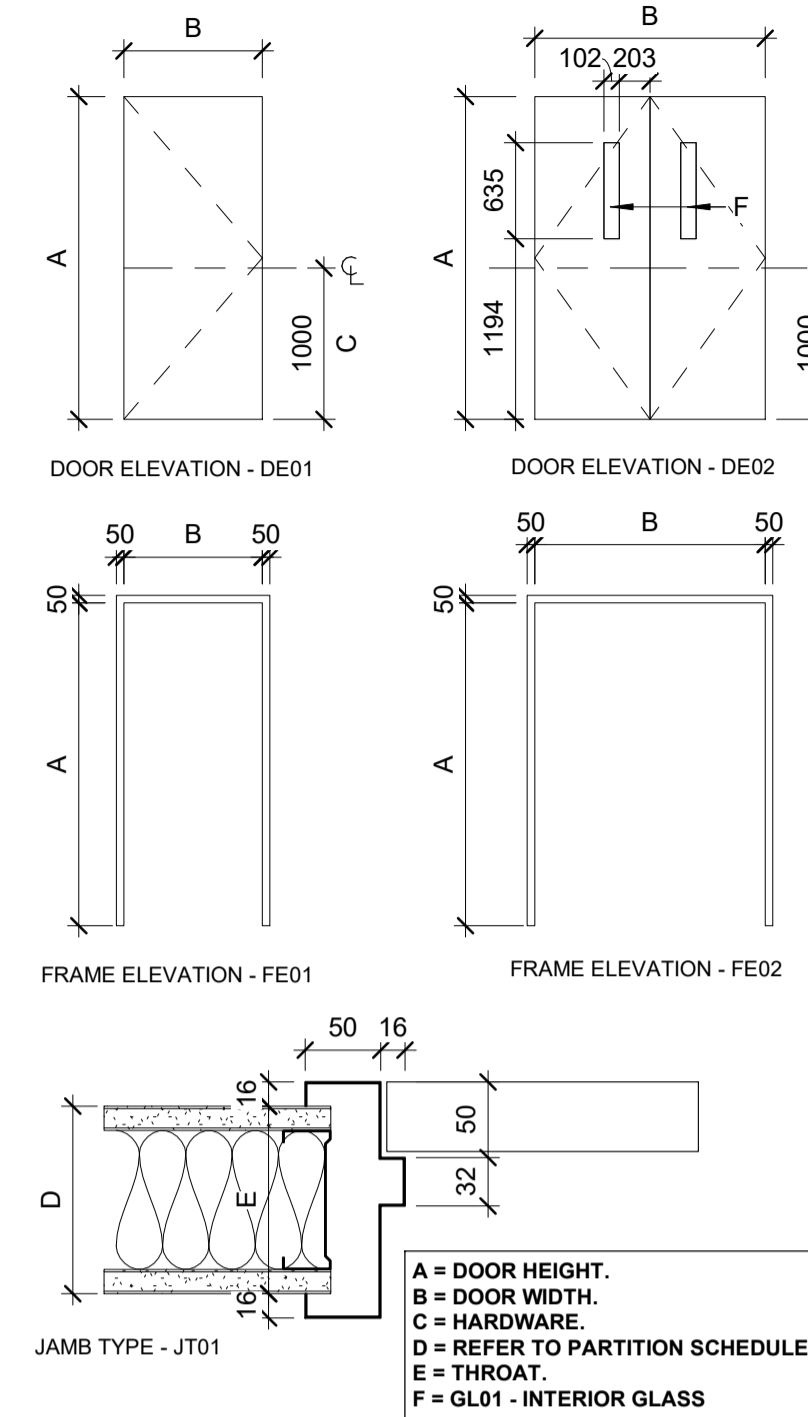


1 AREA OF WORK
A000 1 : 200

ROOM SCHEDULE											
NUMBER	ROOM NAME	FLOORING		BASE		WALLS		CEILING		BULKHEAD	
		FINISH	ACCENT 1	CT1	CT1	ACCENT 1	ACCENT 2	MATERIAL	FINISH	MATERIAL	FINISH
113	FEMALE WASHROOM	PTF1	N/A	CT1	CT1	ACCENT 2	N/A	ACT1	N/A	GWB	PT
114	MALE WASHROOM	PTF1	N/A	CT1	CT1	CT2	N/A	ACT1	N/A	GWB	PT
115	JAN CL	EXIST./PC	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
116	MECH ROOM	EXIST./PC	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.
117	INCLUSIVE WASHROOM	PTF1	N/A	CT1	CT1	CT2	N/A	ACT1	N/A	GWB	PT

PARTITION SCHEDULE / BORDEREAU DES CLOISONS		
TYPE	DESCRIPTION	WIDTH
P1	16mm CONCRETE BOARD EACH SIDE OF 92mm METAL STUDS @ 400mm O.C.	124
P1A	16mm CONCRETE BOARD EACH SIDE OF 64mm STEEL STUDS @400mm O.C.	96
P2	16mm GYPSUM BOARD EACH SIDE OF 152mm METAL STUDS @ 400mm O.C. c/w BATT INSULATION	184
P2A	16mm GYPSUM BOARD EACH SIDE OF 92mm METAL STUDS @ 400mm O.C. c/w BATT INSULATION	124
P3	16mm CONCRETE BOARD ONE SIDE, 16mm GYPSUM BOARD ONE SIDE, 13mm RESILIENT CHANNEL @ 610mm O.C. ON 92mm METAL STUDS @ 400mm O.C. c/w BATT INSULATION	137
P4	16mm GYPSUM BOARD ONE SIDE OF 92mm METAL STUDS @ 400mm O.C. c/w BATT INSULATION	108
P5	16mm CONCRETE BOARD ON 22mm STEEL HAT CHANNELS @ 400mm O.C.	38
P5A	16mm CONCRETE BOARD ONE SIDE OF 92mm METAL STUDS @ 400mm O.C.	108
P5B	16mm CONCRETE BOARD ONE SIDE OF 64mm STEEL STUDS @400mm O.C.	80

DOOR SCHEDULE / BORDEREAU DES PORTES																
NUMBER	QTY.	MATERIAL	WIDTH	HEIGHT	THICKNESS	FINISH	GLASS	ELEVATION	FRAME		GLASS	ELEVATION	HARDWARE GROUP	FIRE RATING	COMMENTS	
									MATERIAL	FINISH						JAMB TYPE
D113	SINGLE	HM	915	2134	45	PT	N/A	DE01	PT	PT	JT1	N/A	FE01	HG113	-	RELOCATED BARRIER FREE ACTUATORS AND DOOR OPERATOR.
D114	SINGLE	HM	915	2134	45	PT	N/A	DE01	PS	PT	JT1	N/A	FE01	HG114	-	
D116	SINGLE	HM	840	2134	45	PT	N/A	DE01	PS	PT	JT1	N/A	FE01	HG116	-	
D117	SINGLE	HM	915	2134	45	PT	N/A	DE01	PS	PT	JT1	N/A	FE01	HG117	-	RELOCATED BARRIER FREE ACTUATORS AND DOOR OPERATOR.
D118	DOUBLE	SCW	1830	2134	45	PT	GL01	DE02	PS	PT	JT1	N/A	FE02	HG118	-	



ANNOTATION SYMBOL LEGEND	
SYMBOL	DESCRIPTION
⓪101A	DOOR TAG
P2B	WALL TAG
###	ROOM TAG
TYPE AFF	CEILING TAG
W01	WINDOW TAG
⓪	KEYNOTE SYMBOL
℄	CENTERLINE
XXXX	TARGET ELEVATION
XXXX	TARGET ELEVATION
⓪	EXISTING AREAS OF CONSTRUCTION TO REMAIN OR ITEMS NIC (NOT IN CONTRACT). REINSTATE TO NEW CONDITION ANY EXISTING CONSTRUCTION OR ITEMS DAMAGED AS A RESULT OF WORK
⓪	EXISTING DOOR AND FRAME TO REMAIN
⓪	EXISTING DOOR AND FRAME TO BE REMOVED
⓪101A	NEW DOOR AND FRAME. No. INDICATES SCHEDULE REFERENCE
⓪	EXISTING WALL TO BE REMOVED AND DISPOSED OF PER WASTE MANAGEMENT STRATEGY.
⓪	AREAS OF CONCRETE SLAB CUTS AND REMOVALS
FD-X	EXISTING FLOOR DRAIN AND ASSOCIATED PLUMBING TO BE REMOVED
FD-N	NEW FLOOR DRAIN AND ASSOCIATED PLUMBING
FD-E	EXISTING FLOOR DRAIN TO REMAIN

FINISHES LEGEND	
ACC	ACCENT
ACT	ACOUSTICAL CEILING TILE
CA	CEILING ASSEMBLY
CG	CORNER GUARD
CPB	CARPET BASE
CPT	CARPET TILE
CTB	CERAMIC TILE BASE
CT	CERAMIC TILE
DE	DOOR ELEVATION
EXP	EXPOSED
FE	FRAME ELEVATION
GL	GLASS/GLAZING
GWB	GYPSUM WALL BOARD
JT	JAMB TYPE
PA	PARTITION ASSEMBLY
PC	POLISHED CONCRETE
PTB	PORCELAIN TILE BASE
PTF	PORCELAIN TILE FINISH
PL	PLASTIC LAMINATE FINISH
PT	PAIN
RB	RUBBER BASE
RT	RESILIENT TILE
SCW	SOLID CORE WOOD
ST	STAIN
TH	THRESHOLD
TR	TRANSITION STRIP
VT	VINYL TILE FLOORING
WB	WOOD BASE
WD	WOOD
WF	WOOD FRAME
WV	WOOD VENEER FINISH

Canada
Parks Canada

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ONTARIO ASSOCIATION OF ARCHITECTS
JONATHAN HARPER
RAIC MEMBER SINCE 2010

P.N.
P.N-PROJECT NORTH
T.N-TRUE NORTH

key plan
DRIBLE STREET
WORK AREA
FORT WELLINGTON

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A detail no.
B location drawing no.
C drawing no.

Project **FORT WELLINGTON WASHROOM FIT-UP** Project

FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing **MATRIX, LEGENDS, AND SCHEDULES** Dessin

Designed By JH
Date 2019/01/07 (yyyy/mm/dd)

Drawn By DW
Date 2019/01/07 (yyyy/mm/dd)

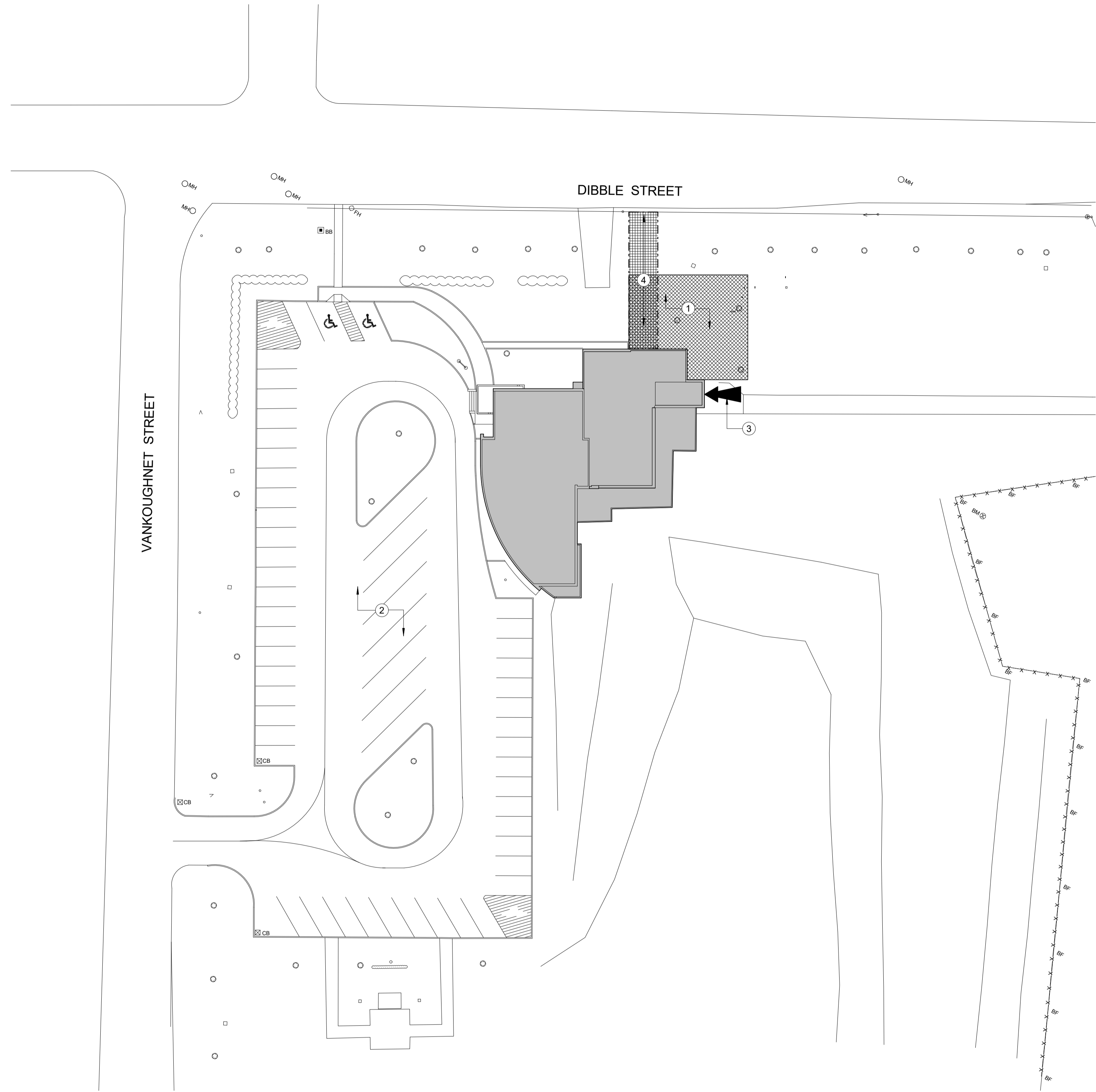
Reviewed By JH
Date 2019/01/07 (yyyy/mm/dd)

Approved By JH
Date 2019/01/07 (yyyy/mm/dd)

Tender MARIA OFFIN

Project Manager
Project no. **45410902**

Drawing no. **A000**



GENERAL NOTES:

A. CONTRACTOR TO MAKE GOOD ALL DAMAGE AS A RESULT OF WORK TO HARD AND SOFT SITE LANDSCAPING AND FURNISHINGS. UPON COMPLETION OF WORK.

B. ALL TREES AND PLANTINGS WITHIN SITE STAGING AREA AND ACCESS TO SITE ARE TO BE PROTECTED FROM DAMAGE.

DRAWING NOTES:

- CONTRACTOR STAGING AREA - PROVIDE STACK FENCING SYSTEM AROUND PERIMETER DURING "OFF" HOURS.
- CONTRACTOR PARKING IS NOT PERMITTED IN VISITOR PARKING AREA. STREET PARKING IS AVAILABLE AT CONTRACTORS RISK.
- CONTRACTORS ENTRANCE TO WORK AREA. CONTRACTOR WILL HAVE UNIMPEDED ACCESS THROUGHOUT THE ENTIRETY OF DURATION OF WORK.
- APPROXIMATE LOCATION OF EXISTING SANITARY SEWER. REFER TO CIVIL DOCUMENTS FOR REQUIRED WORK.

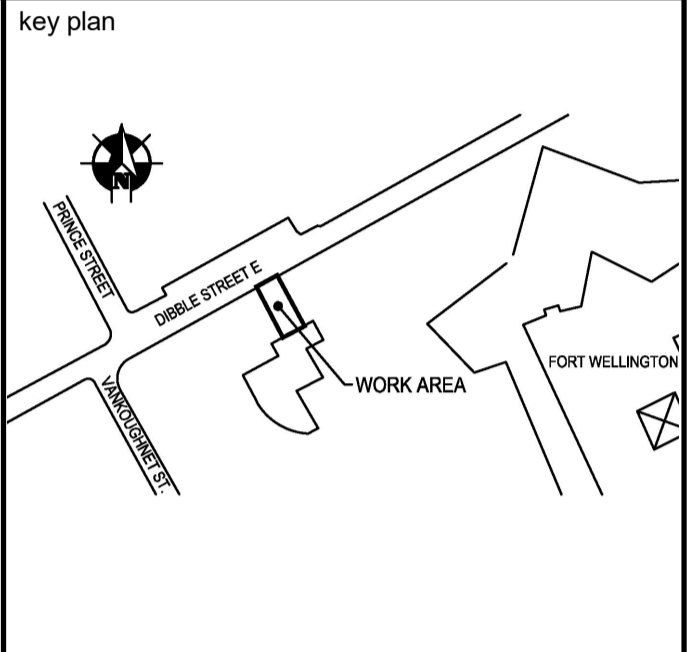
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Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

revisions	description	date
1	ISSUED FOR TENDER	01/04/2019

A detail no.
B location drawing no.
C drawing no.

Project **FORT WELLINGTON WASHROOM FIT-UP**

FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing **SITE STAGING PLAN** Dessin

Designed By JH
Date 2019/02/28 (yyyy/mm/dd)

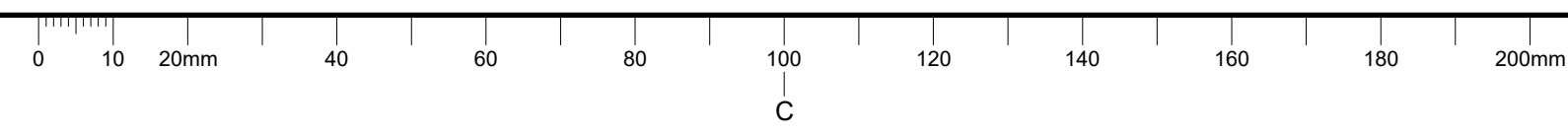
Drawn By DW
Date 2019/02/28 (yyyy/mm/dd)

Reviewed By JH
Date 2019/02/28 (yyyy/mm/dd)

Approved By JH
Date 2019/02/28 (yyyy/mm/dd)

Tender MARIA OFFIN
Project Manager
Project no. **45410902**
Drawing no. **A001**

1 SITE STAGING PLAN
A001 1:400



AT 594 x 841

GENERAL NOTES:

- A. ALL DIMENSIONS ARE TO FACE OF EXISTING OR NEW FINISH UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY DIMENSIONS ONSITE AND INFORM DEPARTMENTAL REPRESENTATIVE OF ANY AND ALL DISCREPANCIES.
- B. ALL EXISTING WALLS AND COLUMNS TO REMAIN THAT ARE IN AREA OF WORK ARE TO BE MADE GOOD, PATCHED, PREPPED AND PAINTED. WALL PREP AND PAINT TO EXTEND 100mm ABOVE CEILING HEIGHT.
- C. ALL ITEMS AND CONSTRUCTION TO REMAIN ARE TO BE SAFEGUARDED AGAINST DAMAGE. CONTRACTOR IS TO MAKE GOOD AND RETURN TO ORIGINAL CONDITION OR BETTER ALL EXISTING ITEMS AND CONSTRUCTIONS TO REMAIN THAT ARE DAMAGED AS PART OF WORK.
- D. ENTIRE FLOORING AREA TO RECEIVE NEW FINISH IS TO BE PREPPED, CRACKS FILLED AND LEVELLED.
- E. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL LIGHTING, GRILLES/DIFFUSERS FIRE PROTECTION AND LIFE SAFETY DEVICES.
- F. PATCH ALL EXISTING MASONRY AT PLUMBING REMOVALS WITH NON-SHRINK GROUT.
- G. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR ALL PLUMBING FIXTURE REMOVAL REQUIREMENTS.
- H. WALL REMOVALS ARE TO BE FULL HEIGHT +/-3000mm.
- I. UNDERPIN AND SHORE EXISTING WALLS AND SLABS ADJACENT EXCAVATIONS FOR PLUMBING REMOVALS TO ENSURE STRUCTURAL INTEGRITY IS NOT COMPROMISED.

DRAWING NOTES:

- 1 REMOVE LAVATORIES AND ASSOCIATED PLUMBING.
- 2 REMOVE WALL MOUNTED SOAP DISPENSER. TYPICAL
- 3 REMOVE EXISTING SOLID SURFACE COUNTERTOP, UNDER-COUNTER BAFFLES AND ASSOCIATED FRAMING.
- 4 REMOVE MIRROR.
- 5 REMOVE SURFACE MOUNTED HAND DRYER.
- 6 REMOVE WALL MOUNTED METAL GRAB BARS.
- 7 REMOVE TOILET TISSUE DISPENSER.
- 8 REMOVE COMPOSITE TOILET PARTITIONS, DOORS AND ASSOCIATED HARDWARE.
- 9 REMOVE WALL MOUNTED PLASTIC CHANGE TABLE.
- 10 REMOVE FLOOR MOUNTED TOILET AND ASSOCIATED PLUMBING.
- 11 REMOVE 152 x 152mm QUARRY TILE AND ADHESIVE DOWN TO EXISTING SLAB SURFACE - FULL WASHROOM FLOOR AREA. PREPARE SLAB FOR NEW FINISH.
- 12 REMOVE CERAMIC WALL TILE, ADHESIVE AND BACKER BOARD - TILE EXTENDS FROM FLOOR TO CEILING. PREPARE WALL TO RECEIVE NEW FRAMING AND FINISH.
- 13 EXISTING GLAZING AND FRAME TO REMAIN.
- 14 REMOVE BUILT-IN, FLOOR MOUNTED URINAL AND ASSOCIATED PLUMBING.
- 15 REMOVE WALL MOUNTED DRINKING FOUNTAIN AND ASSOCIATED PLUMBING.
- 16 REMOVE DOOR OPERATOR WIRING AND POWER SUPPLY AND SAFEGUARD FOR REINSTALLATION.
- 17 REMOVE PAPER TOWEL DISPENSER.
- 18 REMOVE CEILING TILE AND GRID.
- 19 DIAGONAL HATCH INDICATES. SAW CUT AND REMOVE PORTION OF POURED CONCRETE SLAB-ON-GRADE. COORDINATE LOCATIONS WITH MECHANICAL REQUIREMENTS.
- 20 REMOVE BARRIER FREE DOOR ACTUATOR AND WIRING - SAFEGUARD FOR REUSE.
- 21 REMOVE LIGHT FIXTURE.
- 22 EXISTING CEILING ASSEMBLY TO REMAIN.
- 23 EXISTING LIGHT FIXTURE TO REMAIN.
- 24 REMOVE BASEBOARD HEATING UNIT, CONDUIT AND WIRING - SAFEGUARD FROM REINSTALLATION.
- 25 REMOVE EXISTING WOOD BENCH.
- 26 EXISTING BENCHING TO BE REMOVED.
- 27 EXISTING SUSPENDED CEILING TILE TO REMAIN.
- 28 EXISTING POLISHED CONCRETE FLOOR TO REMAIN. PROTECT FROM DAMAGE.
- 29 PATCH PENETRATIONS IN UNIT MASONRY WALL WITH NON-SHRINK GROUT CREATED BY PLUMBING REMOVALS. TYPICAL.
- 30 APPROXIMATE LOCATION OF EXISTING SANITARY SEWER. REFER TO CIVIL DOCUMENTS FOR REQUIRED WORK.
- 31 EXISTING GRILLES AND DIFFUSERS TO BE REMOVED PER MECHANICAL DOCUMENTS.
- 32 REMOVE FLOOR DRAIN AND ASSOCIATED PLUMBING.
- 33 HOT WATER TANK TO BE DISCONNECTED AND REMOVED TO ALLOW FOR SANITARY PIPING REMOVALS - SAFEGUARD FROM DAMAGE DURING WORK AND REINSTALL UPON COMPLETION.
- 34 TEMPORARY DUST TIGHT ENCLOSURE FROM FINISHED FLOOR TO UNDERSIDE OF STRUCTURE. 16mm GYPSUM BOARD EACH SIDE OF 92mm STEEL STUDS - INFILLED WITH ACOUSTICAL BATT INSULATION. FINISH AND PAINT EXTERIOR SIDE OF WALL. REMOVE UPON COMPLETION OF WORK AND PATCH ALL EXISTING TO REMAIN SURFACES.
- 35 MODIFY EXISTING ACOUSTICAL CEILING TILE ASSEMBLY TO ACCOMMODATE TEMPORARY HOARDING WALL. REINSTATE TO ORIGINAL CONDITION OR BETTER UPON COMPLETION OF WORK.
- 36 SAW CUT AND REMOVE POLISHED, POURED CONCRETE RAMP.

Canada

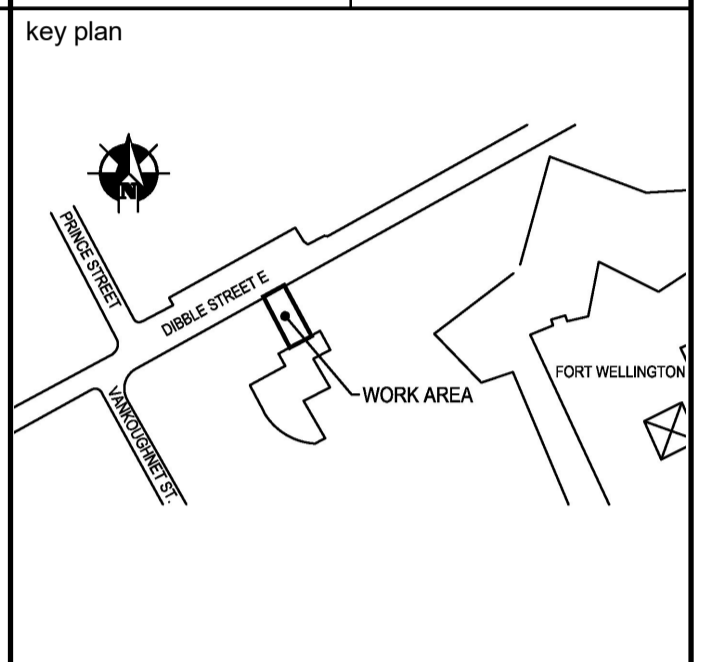


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Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR TENDER	01/04/2019
revisions	description	date

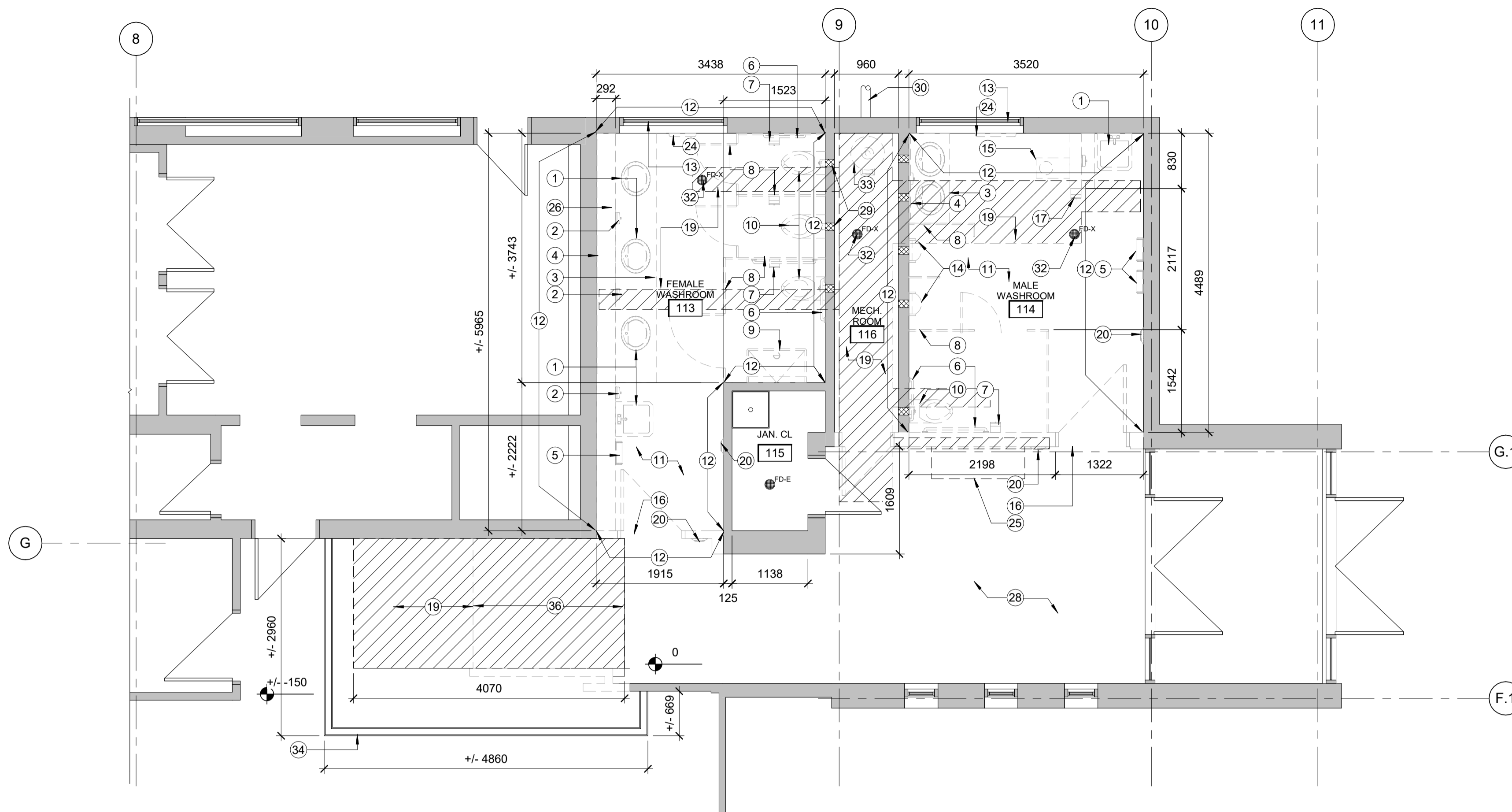
A detail no.
B location drawing no.
C drawing no.

Project **FORT WELLINGTON WASHROOM FIT-UP** Project
FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

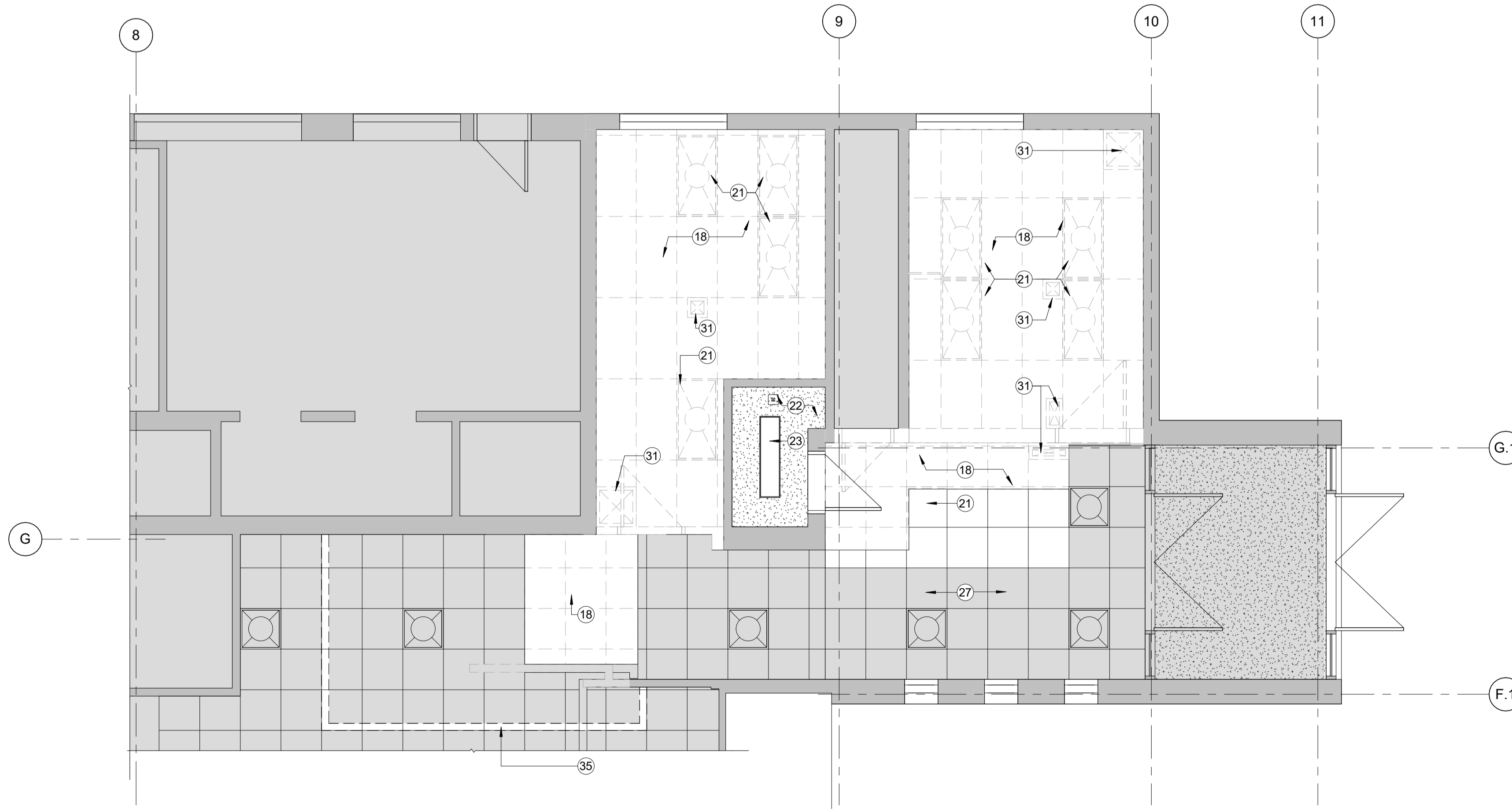
Drawing **WASHROOM DEMOLITION** Dessin

Designed By	JH
Date	2019/01/07 (yyyy/mm/dd)
Drawn By	DW
Date	2019/01/07 (yyyy/mm/dd)
Reviewed By	JH
Date	2019/01/07 (yyyy/mm/dd)
Approved By	JH
Date	2019/01/07 (yyyy/mm/dd)
Tender	MARIA OFFIN
Project Manager	MARIA OFFIN
Project no.	45410902

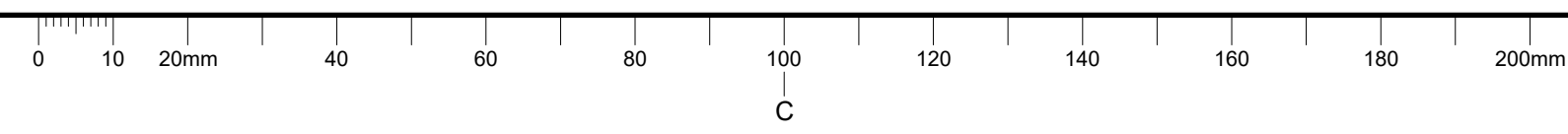
Drawing no. **A100**

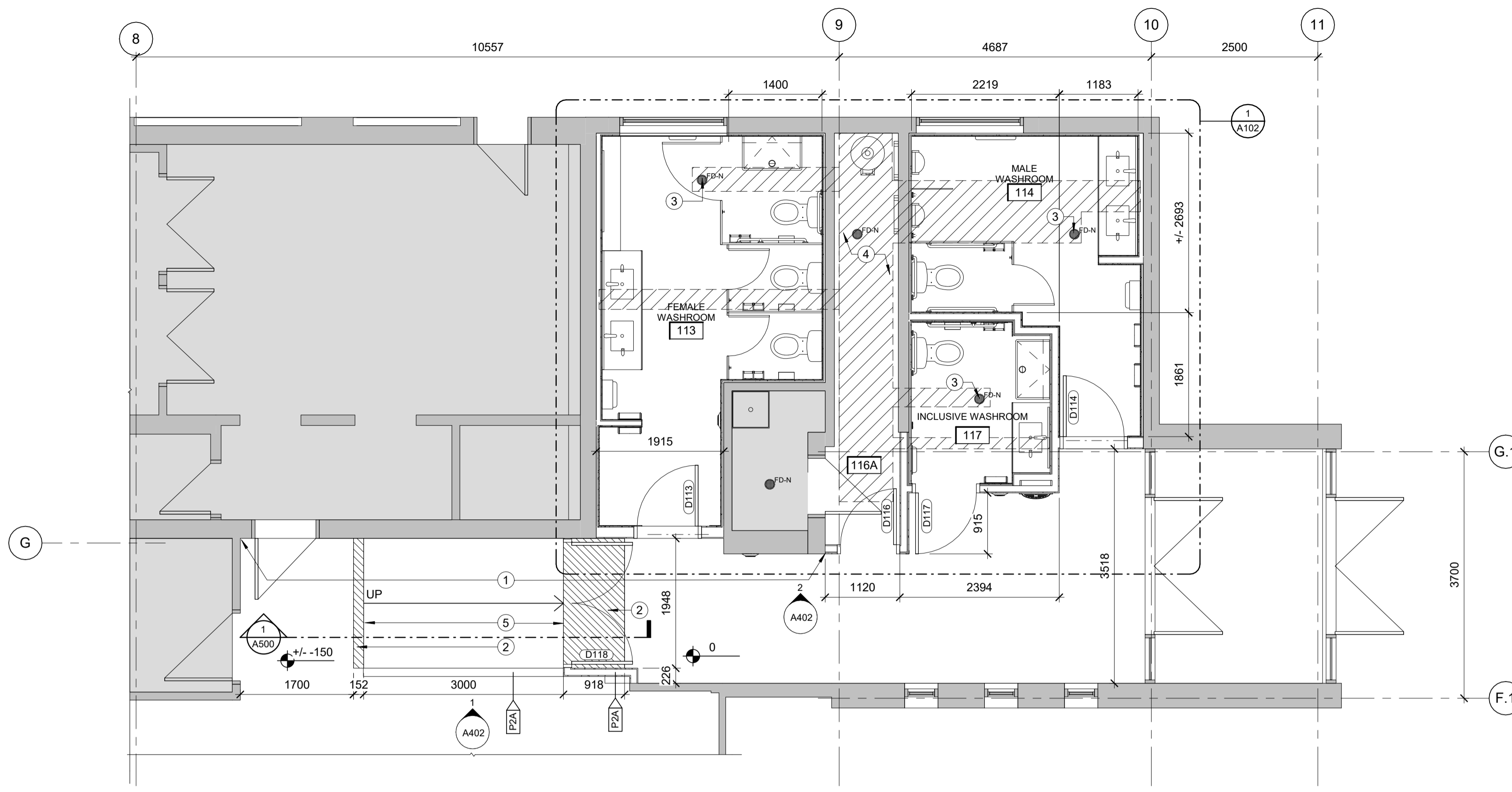


1 WASHROOM DEMOLITION
A100 1:50

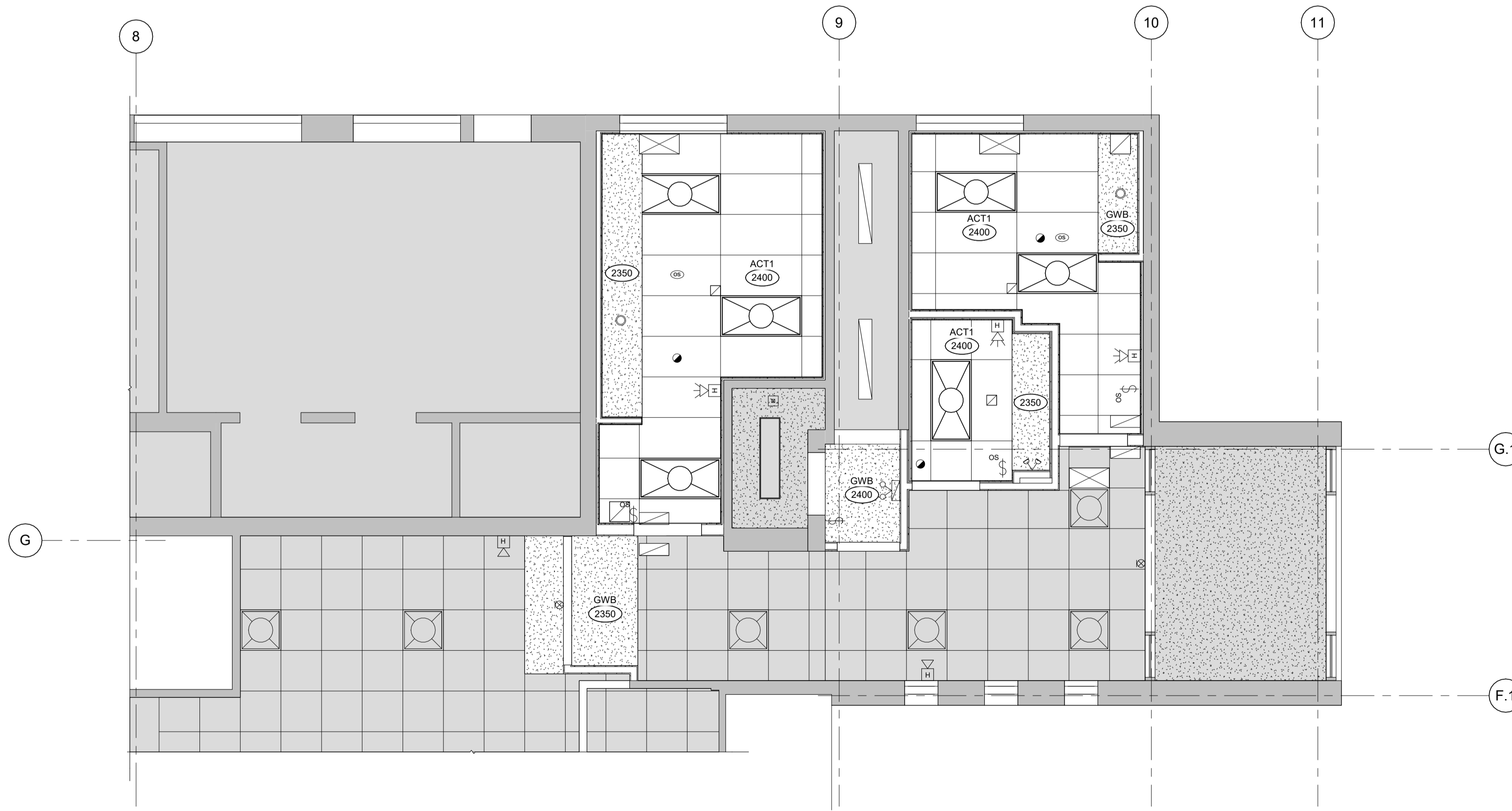


2 DEMOLITION - CEILING PLAN
A100 1:50

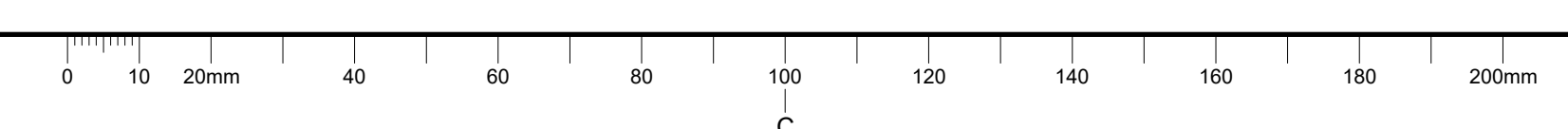




1 WASHROOM NEW CONDITIONS
A101 1:50



2 CEILING PLAN - NEW CONDITIONS
A101 1:50



GENERAL NOTES:

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- ALL ITEMS AND CONSTRUCTION TO REMAIN ARE TO BE SAFEGUARDED AGAINST DAMAGE. CONTRACTOR IS TO MAKE GOOD AND RETURN TO ORIGINAL CONDITION OR BETTER ALL EXISTING ITEMS AND CONSTRUCTIONS TO REMAIN THAT ARE DAMAGED AS PART OF WORK.
- ENTIRE FLOORING AREA TO RECEIVE NEW FINISH IS TO BE PREPPED, CRACKS FILLED AND LEVELLED.
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL LIGHTING, GRILLES/DIFFUSERS FIRE PROTECTION AND LIFE SAFETY DEVICES.

DRAWING NOTES:

- PATCH, PREP AND PAINT EXISTING WALL.
- POLISHED CONCRETE FLOORING INFILL.
- NEW FLOOR DRAIN AND ASSOCIATED PLUMBING.
- DIAGONAL HATCH REPRESENTS APPROXIMATE AREA OF POURED CONCRETE FLOORING INFILLS AT SANITARY PIPING REMOVALS AND INSTALLATIONS.
- POLISHED CONCRETE SLOPED WALKWAY - MAXIMUM 1:20 SLOPE.

Canada
Parks Canada

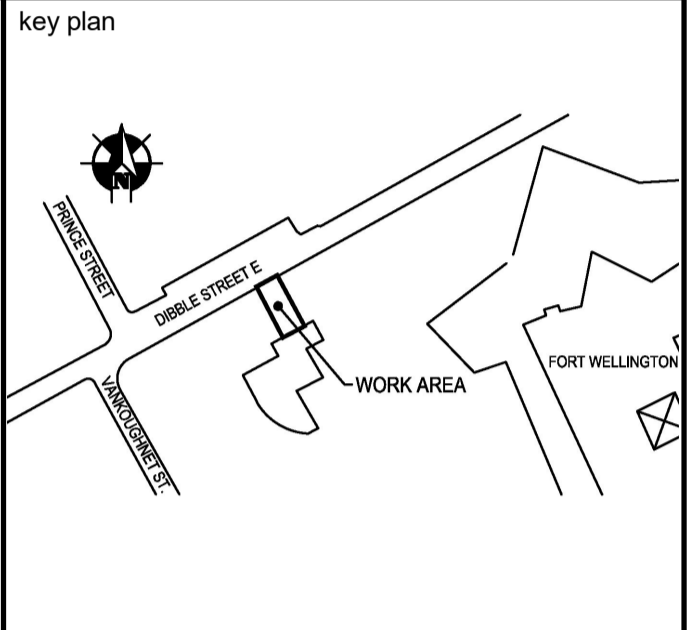
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Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

revisions	description	date
1	ISSUED FOR TENDER	01/04/2019

A detail no.
B location drawing no.
C drawing no.

Project **FORT WELLINGTON WASHROOM FIT-UP**

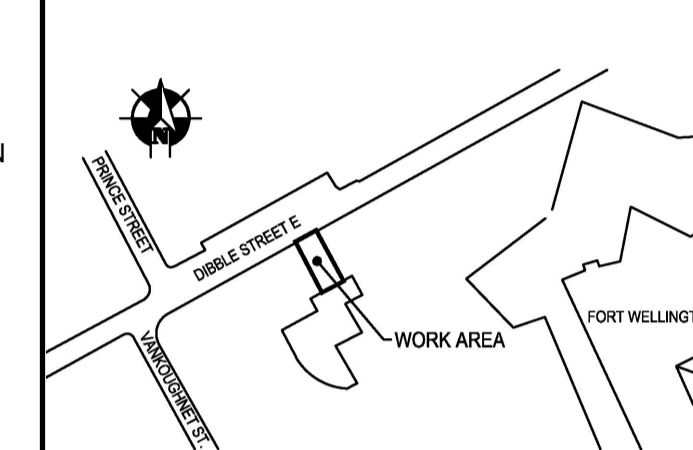
FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing **WASHROOM NEW CONDITIONS**

Designed By	JH
Date	2019/01/07 (yyyy/mm/dd)
Drawn By	DW
Date	2019/01/07 (yyyy/mm/dd)
Reviewed By	JH
Date	2019/01/07 (yyyy/mm/dd)
Approved By	JH
Date	2019/01/07 (yyyy/mm/dd)
Tender	MARIA OFFIN
Project Manager	
Project no.	45410902
Drawing no.	A101

CEILING PLAN LEGEND	
	610 x 1220mm LIGHT FIXTURE
	610 x 610mm LIGHT FIXTURE
	STRIP LIGHT FIXTURE
	NEW EXIT SIGN
	FIRE ALARM HORN OR HORN STROBE COMBO UNIT
	OCCUPANCY SENSORS
	SMOKE DETECTOR
	EMERGENCY LIGHTING
	MECHANICAL DIFFUSERS AND GRILLES

NOTE: LOCATIONS OF CEILING MOUNTED MECHANICAL, ELECTRICAL AND LIFE SAFETY DEVICES ARE FOR REFERENCE ONLY. REFER TO ELECTRICAL AND MECHANICAL DOCUMENTS FOR SPECIFIC INFORMATION



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR TENDER	01/04/2019
revisions	description	date
A	A detail no.	
B	B location drawing no.	
C	C drawing no.	

Project
FORT WELLINGTON WASHROOM FIT-UP
Project
FORT WELLINGTON NATIONAL HISTORIC SITE,
PRESCOTT ONTARIO

Drawing
WASHROOM FLOOR PLAN ENLARGEMENT
Dessin

Designed By JH
Date 2019/01/10 (yyyy/mm/dd)
Drawn By DW
Date 2019/01/10 (yyyy/mm/dd)
Reviewed By JH
Date 2019/01/10 (yyyy/mm/dd)
Approved By JH
Date 2019/01/10 (yyyy/mm/dd)
Tender
Project Manager MARIA OFFIN
Project no.

45410902

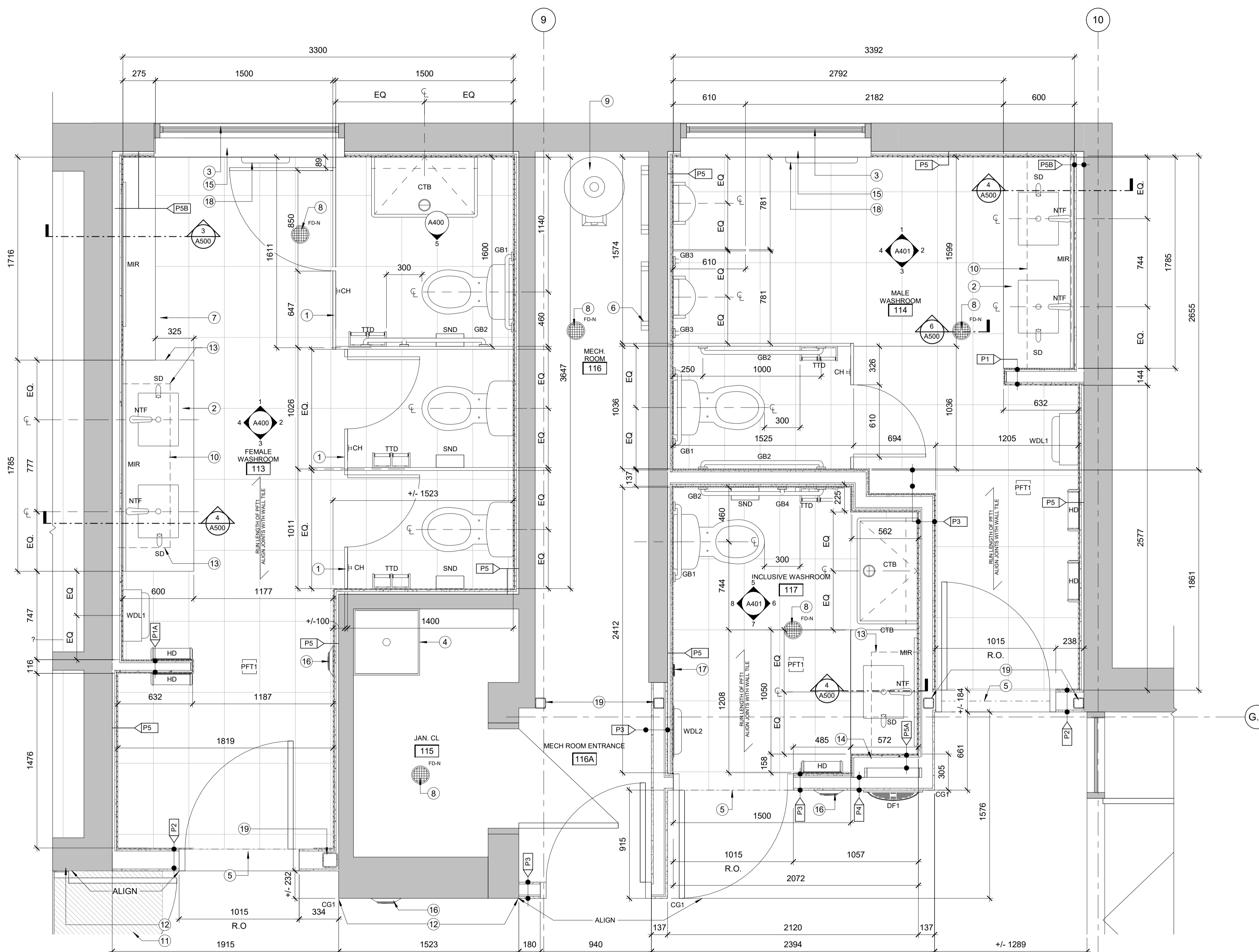
Drawing no.
A102

GENERAL NOTES:

- ALL DIMENSIONS ARE TO FACE OF EXISTING OR NEW FINISH UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY DIMENSIONS ONSITE AND INFORM DEPARTMENTAL REPRESENTATIVE OF ANY AND ALL DISCREPANCIES.
- ALL EXISTING WALLS AND COLUMNS TO REMAIN THAT ARE IN SCOPE AREA OF WORK ARE TO BE MADE GOOD, PATCHED, PREPPED AND PAINTED TO MATCH EXISTING FINISH. WALL PREP AND PAINT TO EXTEND 100mm ABOVE CEILING HEIGHT.
- ALL ITEMS AND CONSTRUCTION TO REMAIN TO BE SAFEGUARDED AGAINST DAMAGE. CONTRACTOR IS TO MAKE GOOD AND RETURN TO ORIGINAL CONDITION OR BETTER ALL EXISTING ITEMS AND CONSTRUCTIONS TO REMAIN THAT ARE DAMAGED AS PART OF WORK.
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ALL LIGHTING, GRILLES/DIFFUSERS FIRE PROTECTION AND LIFE SAFETY DEVICES.
- NEW PARTITIONS ARE FULL HEIGHT FROM SLAB TO UNDERSIDE OF STRUCTURE UNLESS OTHERWISE NOTED +/-3000mm.

DRAWING NOTES:

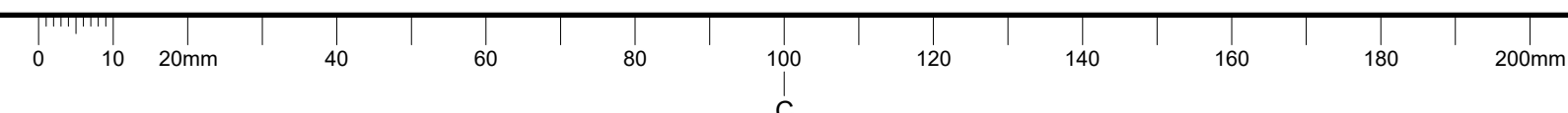
- SOLID PHENOLIC FLOOR MOUNTED TOILET PARTITION.
- 13mm SOLID SURFACE COUNTERTOP WITH 6mm RADIUS CORNERS TOP AND BOTTOM ON 13mm PLYWOOD c/w REMOVABLE SOLID SURFACE APRON WITH CONCEALED FASTENERS.
- INSTALL GLAZING FILM ON EXISTING WINDOW.
- EXISTING MOP SINK TO REMAIN.
- INSTALL TRANSITION STRIP BETWEEN NEW AND EXISTING FLOOR FINISH.
- WALL MOUNTED PLUMBING FIXTURE CARRIER.
- 13mm SOLID SURFACE COUNTERTOP WITH 6mm RADIUS CORNERS TOP AND BOTTOM ON 13mm PLYWOOD.
- NEW FLOOR DRAIN AND ASSOCIATED PLUMBING.
- REINSTALLED HOT WATER TANK.
- DOTTED LINE INDICATES REMOVABLE 13mm SOLID SURFACE APRON ON 13mm PLYWOOD c/w HIDDEN FASTENERS.
- POLISHED CONCRETE FLOORING INFILL.
- PATCH, PREP AND PAINT EXISTING WALL.
- 13mm SOLID SURFACE RETURN CLOSURE ON OPEN SIDES OF COUNTER TOP AND APRON - TYPICAL.
- EXTEND APRON INTO WALL FINISH AND CLIP TO WALL c/w CONCEALED FASTENERS.
- CONTINUE CERAMIC TILING AROUND WINDOW HEAD, SILL AND JAMBS - INSTALL EXTRUDED ALUMINUM BULLNOSE TRIM AT ALL EXPOSED CORNERS, TYPICAL.
- REINSTALLED BARRIER FREE DOOR ACTUATOR.
- INTEGRATED DOOR LOCK BUTTON AND ACTUATOR AS PART OF WASHROOM CONTROL KIT.
- REINSTALLED BASEBOARD HEATING UNIT.
- STRUCTURAL HSS.



1 WASHROOM FLOOR PLAN ENLARGEMENT
A102 1 : 20

ACCESSORIES	
CG1	STAINLESS STEEL CORNER WALL GUARD
CH	COAT HOOK
CTB	BRUSHED STAINLESS STEEL SURFACE MOUNTED FOLDING CHANGE TABLE
DF1	RECESSED SINGLE CHILLED WATER BOTTLE FILLING STATION WITHOUT DRINKING FOUNTAIN - BRUSHED STAINLESS STEEL FINISH.
GB1	610mm STAINLESS STEEL HORIZONTAL GRAB BAR - MOUNTED 100mm ABOVE TOP OF TOILET TANK TO UNDERSIDE OF BAR.
GB2	1000mm STAINLESS STEEL HORIZONTAL GRAB BAR
GB3	610mm STAINLESS STEEL VERTICAL GRAB BAR
GB4	760mm STAINLESS STEEL VERTICAL GRAB BAR
HD	SURFACE MOUNTED AUTOMATIC HAND DRYER - BRUSHED STAINLESS STEEL
MIR	FRAMELESS WALL MOUNTED MIRROR c/w INTEGRATED LIGHTING SYSTEM AND PLYWOOD BACKING AS REQUIRED.
NTF	NO TOUCH DECK MOUNTED FAUCET
SD	SENSOR ACTIVATED, DECK MOUNT, ELECTRONIC FOAM SOAP DISPENSER
SND	BRUSHED STAINLESS STEEL WALL MOUNTED SANITARY NAPKIN DISPOSAL
TTD	SURFACE MOUNTED DOUBLE TOILET TISSUE DISPENSER
WDL1	BRUSHED STAINLESS STEEL WALL MOUNTED 12 GALLON WASTE RECEPTACLE
WDL2	BRUSHED STAINLESS STEEL RECESSED 12 GALLON WASTE RECEPTACLE

CT1	
CT2	
CT3	
PFT1	



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR TENDER	01/04/2019
revisions	description	date

A	A detail no.
B	B location drawing no.
C	C drawing no.

Project
FORT WELLINGTON WASHROOM FIT-UP
Project
FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing
WASHROOM ELEVATIONS
Dessin

Designed By	JH
Date	2019/01/10 (yyyy/mm/dd)
Drawn By	DW
Date	2019/01/10 (yyyy/mm/dd)
Reviewed By	JH
Date	2019/01/10 (yyyy/mm/dd)
Approved By	JH
Date	2019/01/10 (yyyy/mm/dd)
Tender	MARIA OFFIN
Project Manager	MARIA OFFIN
Project no.	45410902

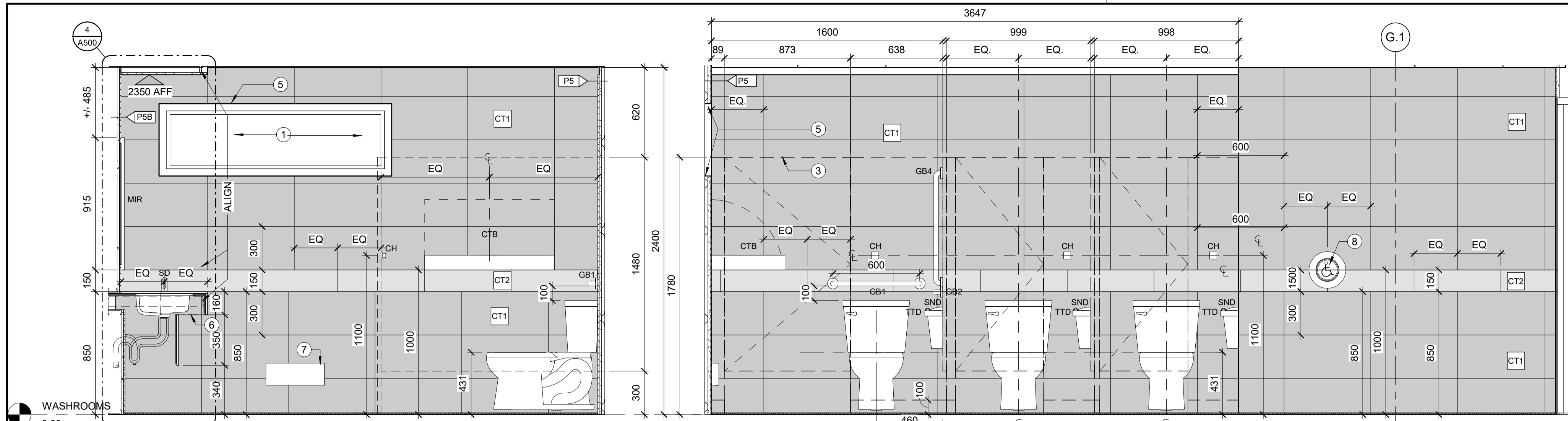
Drawing no.
A400

GENERAL NOTES:

A. WASHROOM PARTITIONS ARE SHOWN WITH A DASHED LINETYPE AND TRANSPARENCY FOR CLARITY.

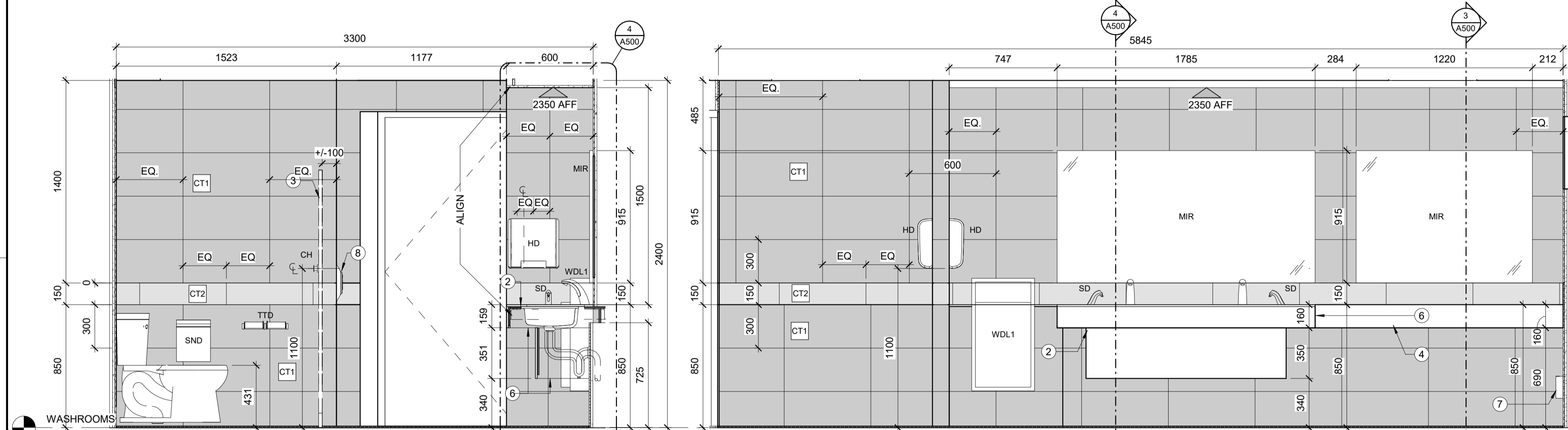
DRAWING NOTES:

1. INSTALL GLAZING FILM ON EXISTING WINDOW.
2. 13mm SOLID SURFACE COUNTERTOP WITH 6mm RADIUSED CORNERS TOP AND BOTTOM ON 13mm PLYWOOD c/w REMOVABLE SOLID SURFACE APRON WITH CONCEALED FASTENERS.
3. SOLID PHENOLIC FLOOR MOUNTED TOILET PARTITION.
4. 13mm SOLID SURFACE COUNTERTOP WITH 6mm RADIUSED CORNERS TOP AND BOTTOM ON 13mm PLYWOOD.
5. CONTINUE CERAMIC TILING AROUND WINDOW HEAD, SILL AND JAMBS - INSTALL EXTRUDED ALUMINUM BULLNOSE TRIM AT ALL EXPOSED CORNERS. TYPICAL.
6. 13mm SOLID SURFACE RETURN CLOSURE ON OPEN SIDES OF COUNTER TOP AND APRON - TYPICAL.
7. REINSTALLED BASEBOARD HEATING UNIT.
8. REINSTALLED BARRIER FREE DOOR ACTUATOR.



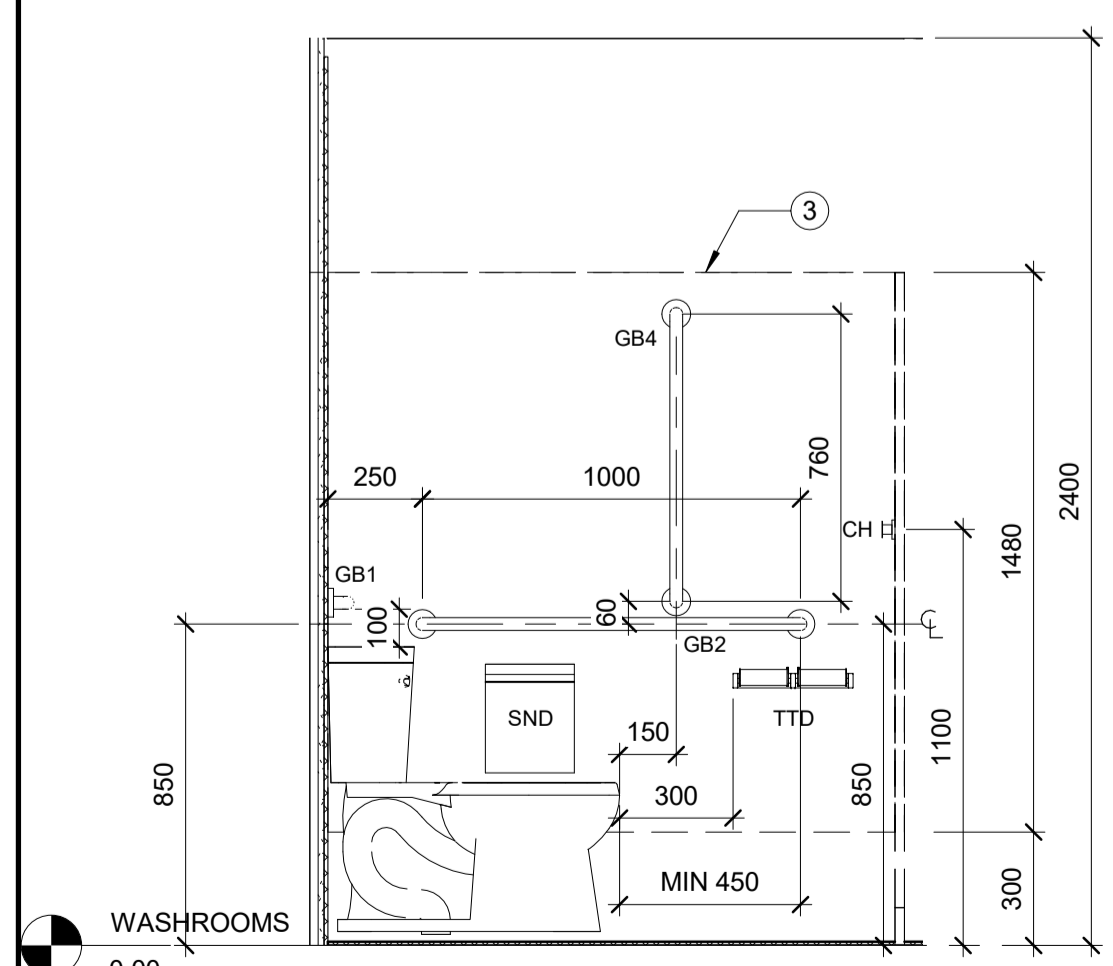
1 FEMALE WASHROOM - NORTH
A400 1:20

2 FEMALE WASHROOM - EAST
A400 1:20



3 FEMALE WASHROOM - SOUTH
A400 1:20

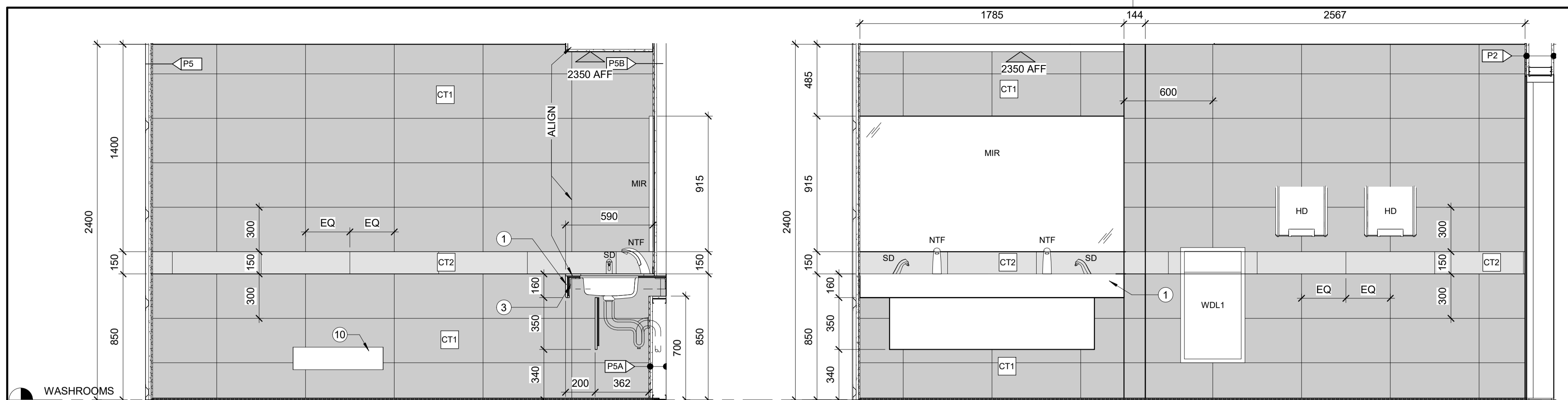
4 FEMALE WASHROOM - WEST
A400 1:20



5 TYPICAL BF STALL
A400 1:20

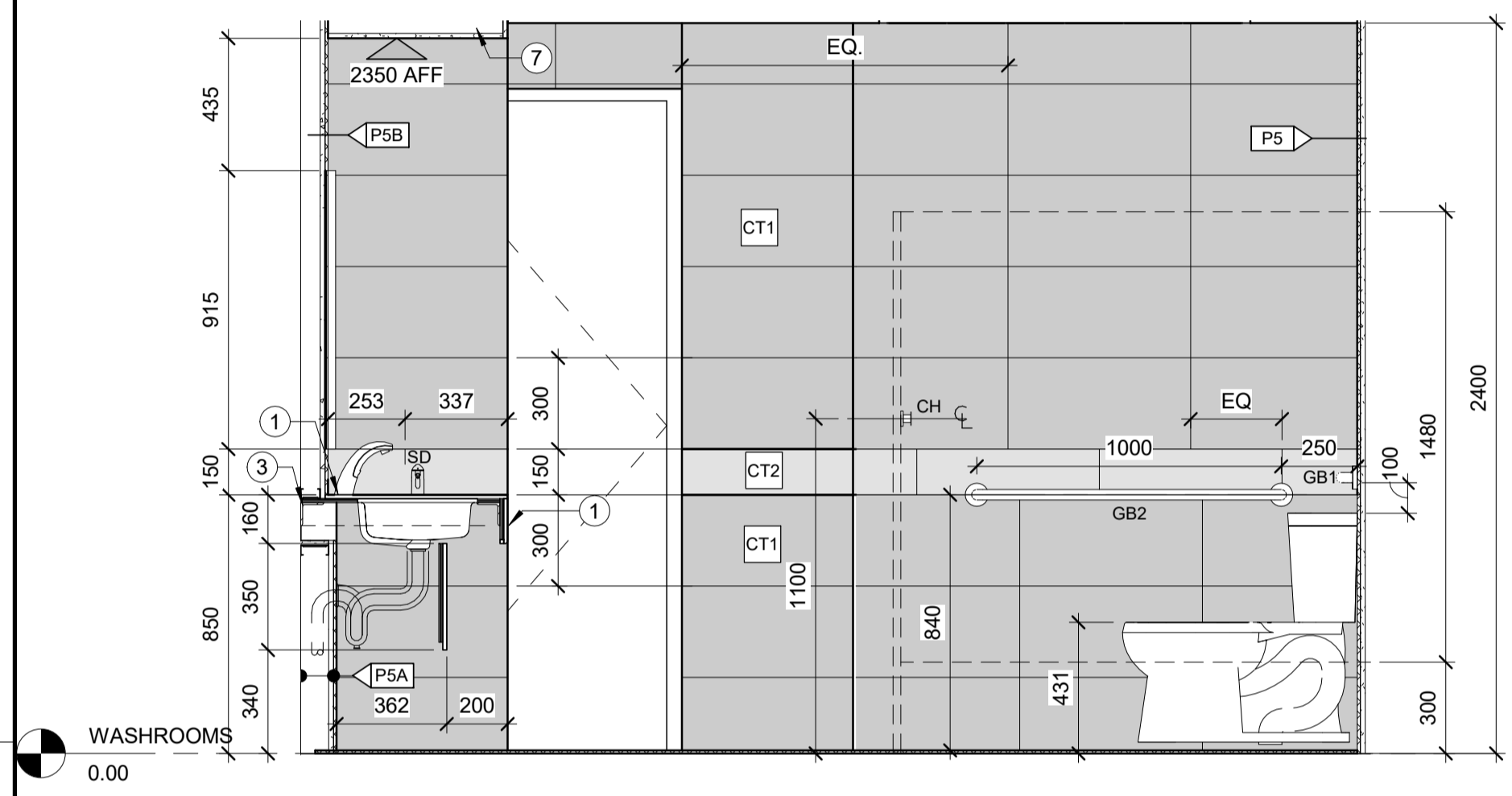
ACCESSORIES	
CG1	STAINLESS STEEL CORNER WALL GUARD
CH	COAT HOOK
CTB	BRUSHED STAINLESS STEEL SURFACE MOUNTED FOLDING CHANGE TABLE
DF1	RECESSED SINGLE CHILLED WATER BOTTLE FILLING STATION WITHOUT DRINKING FOUNTAIN - BRUSHED STAINLESS STEEL FINISH.
GB1	610mm STAINLESS STEEL HORIZONTAL GRAB BAR - MOUNTED 100mm ABOVE TOP OF TOILET TANK TO UNDERSIDE OF BAR.
GB2	1000mm STAINLESS STEEL HORIZONTAL GRAB BAR
GB3	610mm STAINLESS STEEL VERTICAL GRAB BAR
GB4	760mm STAINLESS STEEL VERTICAL GRAB BAR
HD	SURFACE MOUNTED AUTOMATIC HAND DRYER - BRUSHED STAINLESS STEEL
MIR	FRAMELESS WALL MOUNTED MIRROR c/w INTEGRATED LIGHTING SYSTEM AND PLYWOOD BACKING AS REQUIRED.
NTF	NO TOUCH DECK MOUNTED FAUCET.
SD	SENSOR ACTIVATED, DECK MOUNT, ELECTRONIC FOAM SOAP DISPENSER
SND	BRUSHED STAINLESS STEEL WALL MOUNTED SANITARY NAPKIN DISPOSAL
TTD	SURFACE MOUNTED DOUBLE TOILET TISSUE DISPENSER
WDL1	BRUSHED STAINLESS STEEL WALL MOUNTED 12 GALLON WASTE RECEPTACLE
WDL2	BRUSHED STAINLESS STEEL RECESSED 12 GALLON WASTE RECEPTACLE

CT1	
CT2	
CT3	
PFT1	



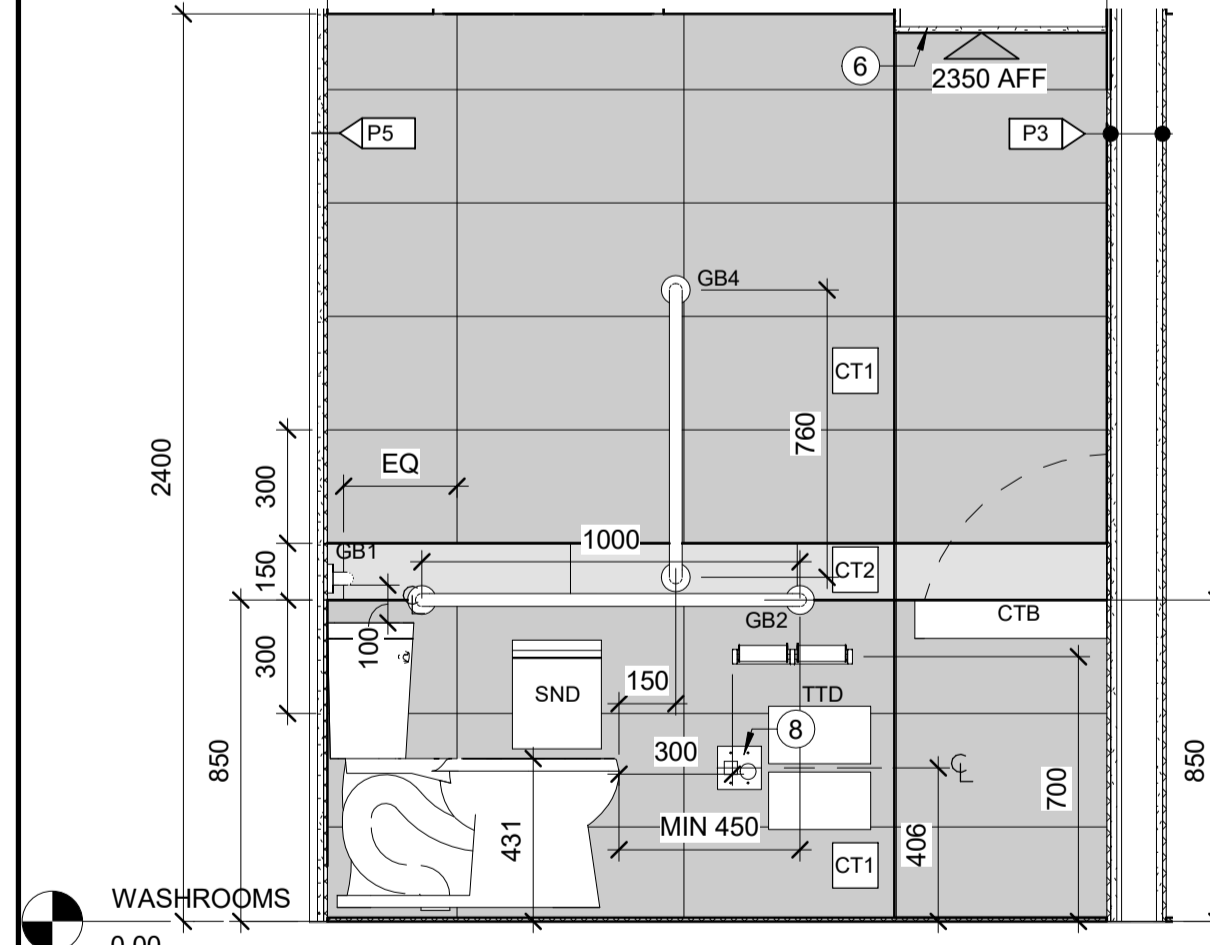
1 MALE WASHROOM - NORTH
A401 1:20

2 MALE WASHROOM - EAST
A401 1:20

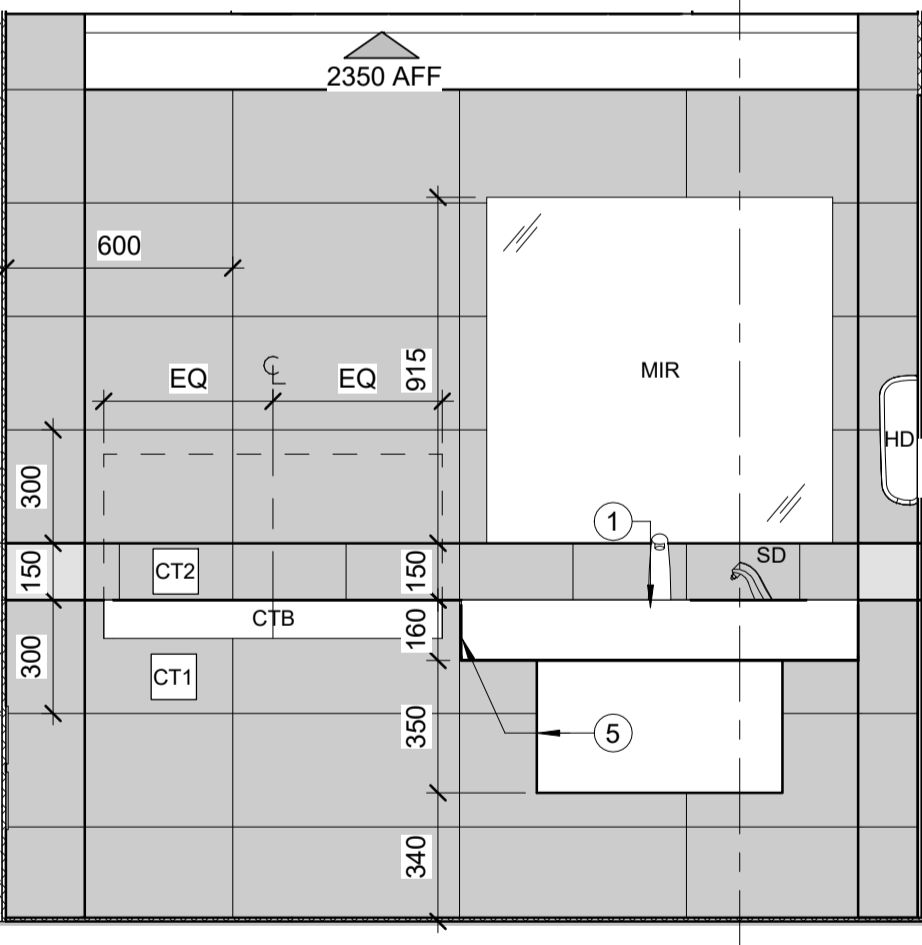


3 MALE WASHROOM - SOUTH
A401 1:20

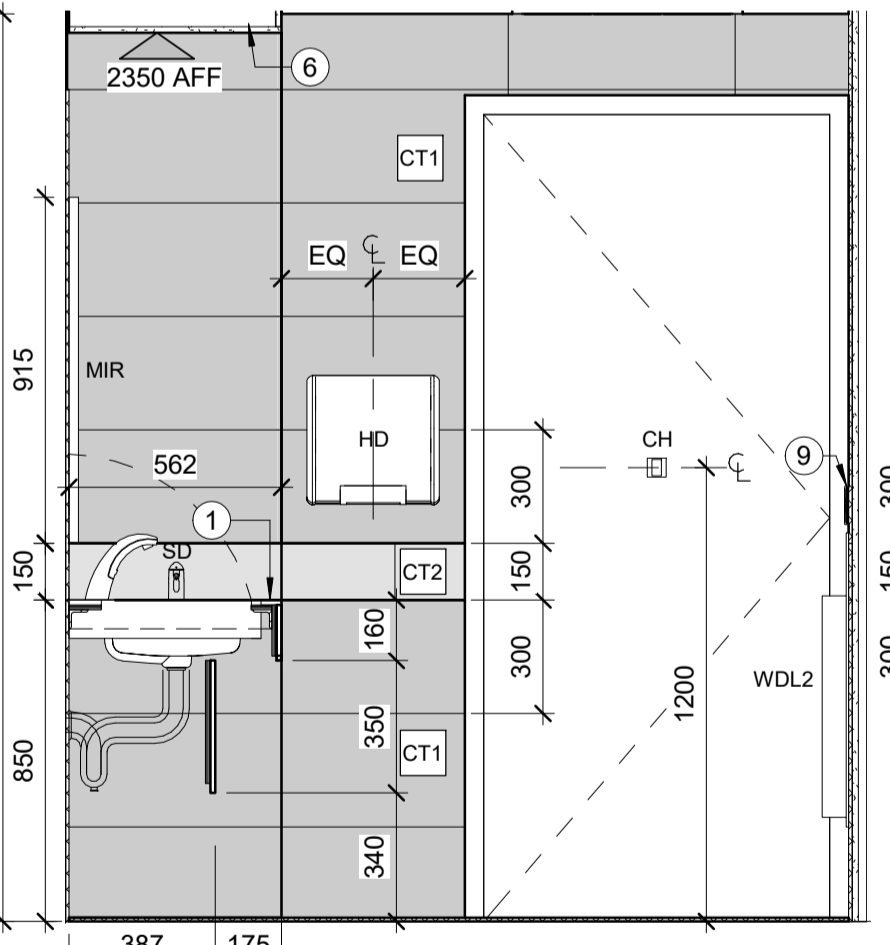
4 MALE WASHROOM - WEST
A401 1:20



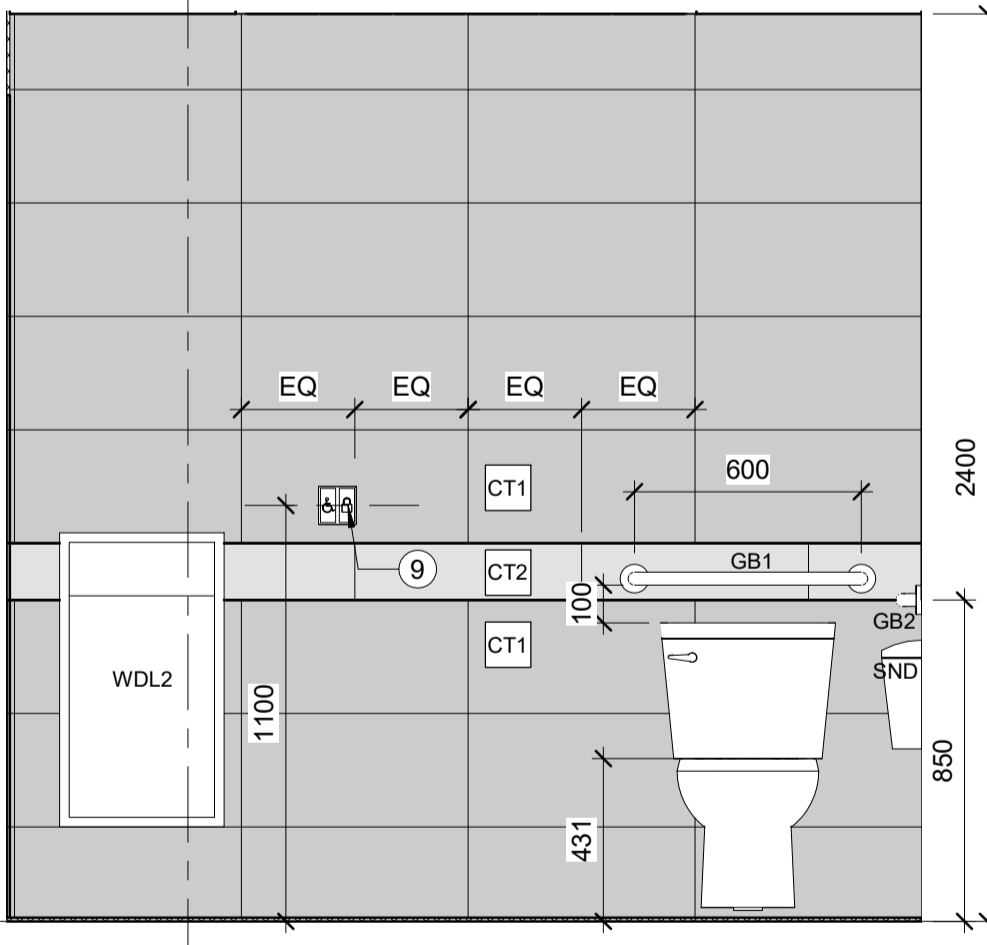
5 BFIW - NORTH
A401 1:20



6 BFIW - EAST
A401 1:20

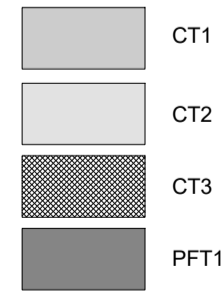


7 BFIW - SOUTH
A401 1:20



8 BFIW - WEST
A401 1:20

ACCESSORIES	
CG1	STAINLESS STEEL CORNER WALL GUARD
CH	COAT HOOK
CTB	BRUSHED STAINLESS STEEL SURFACE MOUNTED FOLDING CHANGE TABLE
DF1	RECESSED SINGLE CHILLED WATER BOTTLE FILLING STATION WITHOUT DRINKING FOUNTAIN - BRUSHED STAINLESS STEEL FINISH.
GB1	610mm STAINLESS STEEL HORIZONTAL GRAB BAR - MOUNTED 100mm ABOVE TOP OF TOILET TANK TO UNDERSIDE OF BAR.
GB2	1000mm STAINLESS STEEL HORIZONTAL GRAB BAR
GB3	610mm STAINLESS STEEL VERTICAL GRAB BAR
GB4	760mm STAINLESS STEEL VERTICAL GRAB BAR
HD	SURFACE MOUNTED AUTOMATIC HAND DRYER - BRUSHED STAINLESS STEEL
MIR	FRAMELESS WALL MOUNTED MIRROR c/w INTEGRATED LIGHTING SYSTEM AND PLYWOOD BACKING AS REQUIRED.
NTF	NO TOUCH DECK MOUNTED FAUCET.
SD	SENSOR ACTIVATED, DECK MOUNT, ELECTRONIC FOAM SOAP DISPENSER
SND	BRUSHED STAINLESS STEEL WALL MOUNTED SANITARY NAPKIN DISPOSAL
TTD	SURFACE MOUNTED DOUBLE TOILET TISSUE DISPENSER
WDL1	BRUSHED STAINLESS STEEL WALL MOUNTED 12 GALLON WASTE RECEPTACLE
WDL2	BRUSHED STAINLESS STEEL RECESSED 12 GALLON WASTE RECEPTACLE



GENERAL NOTES:

A. WASHROOM PARTITIONS ARE SHOWN WITH A DASHED LINETYPE AND TRANSPARENCY FOR CLARITY.

- DRAWING NOTES:**
- 13mm SOLID SURFACE COUNTERTOP WITH 6mm RADIUSED CORNERS TOP AND BOTTOM ON 13mm PLYWOOD c/w REMOVABLE SOLID SURFACE APRON WITH CONCEALED FASTENERS.
 - WALL MOUNTED SOLID PHENOLIC URINAL DIVIDER.
 - 76mm x 76mm x 6.4mm WELDED STEEL ANGLE COUNTER TOP FRAMING THROUGH BOLTED TO PLYWOOD BACKING ON BACK AND SIDES.
 - COLOUR CONTRASTING VISUAL INDICATOR TILE CENETRED ABOVE URINAL.
 - 13mm SOLID SURFACE RETURN CLOSURE ON OPEN SIDES OF COUNTER TOP AND APRON - TYPICAL.
 - TYPICAL WASHROOM BULKHEAD: 16mm PAINTED MOISTURE RESISTANT GYPSUM BOARD ON 92mm STEEL STUDS
 - TYPICAL BULKHEAD: 16mm PAINTED GYPSUM BOARD ON 92mm STEEL STUDS.
 - EMERGENCY CALL BUTTON AND ADJACENT BILINGUAL SIGNAGE.
 - INTEGRATED DOOR LOCK BUTTON AND ACTUATOR AS PART OF WASHROOM CONTROL KIT.
 - REINSTALLED BASEBOARD HEATING UNIT.

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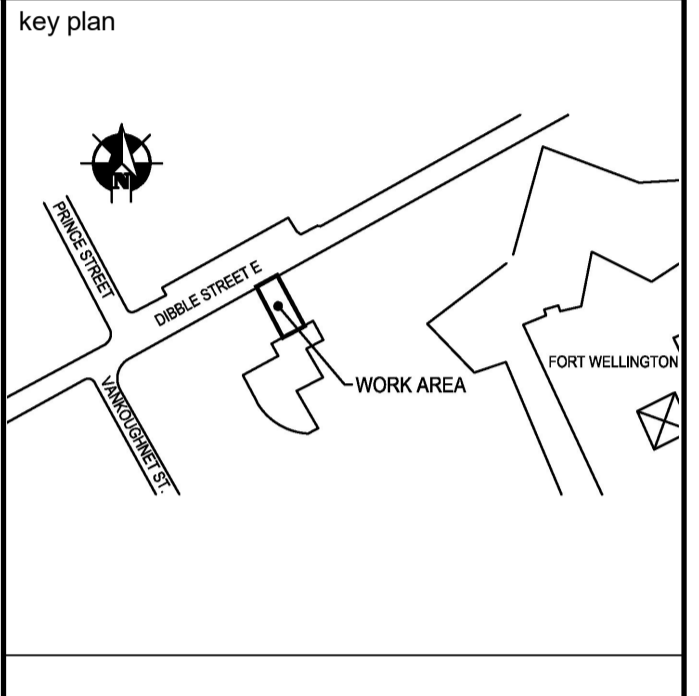
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 5103

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 P.N.-PROJECT NORTH
 T.N.-TRUE NORTH



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

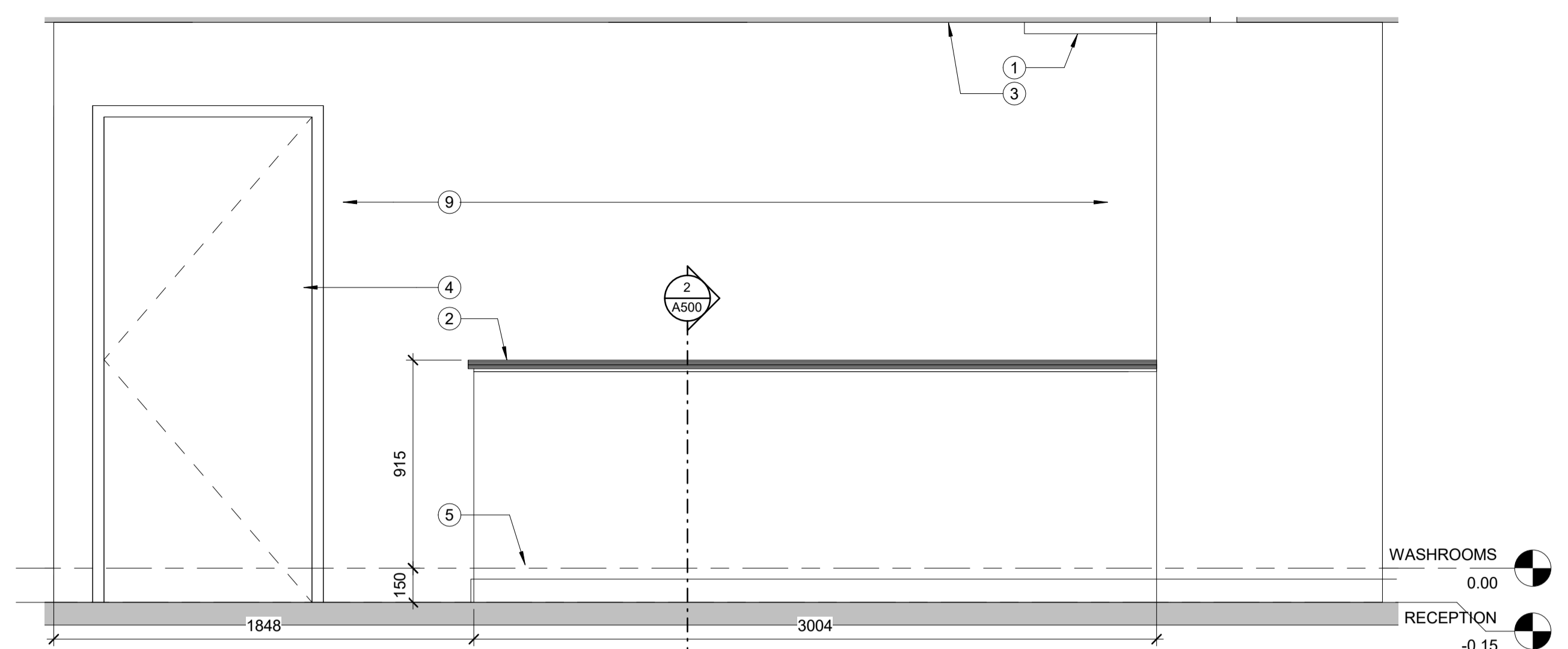
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revisions	description	date
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B	B location drawing no.	
C	C drawing no.	

Project **FORT WELLINGTON WASHROOM FIT-UP**

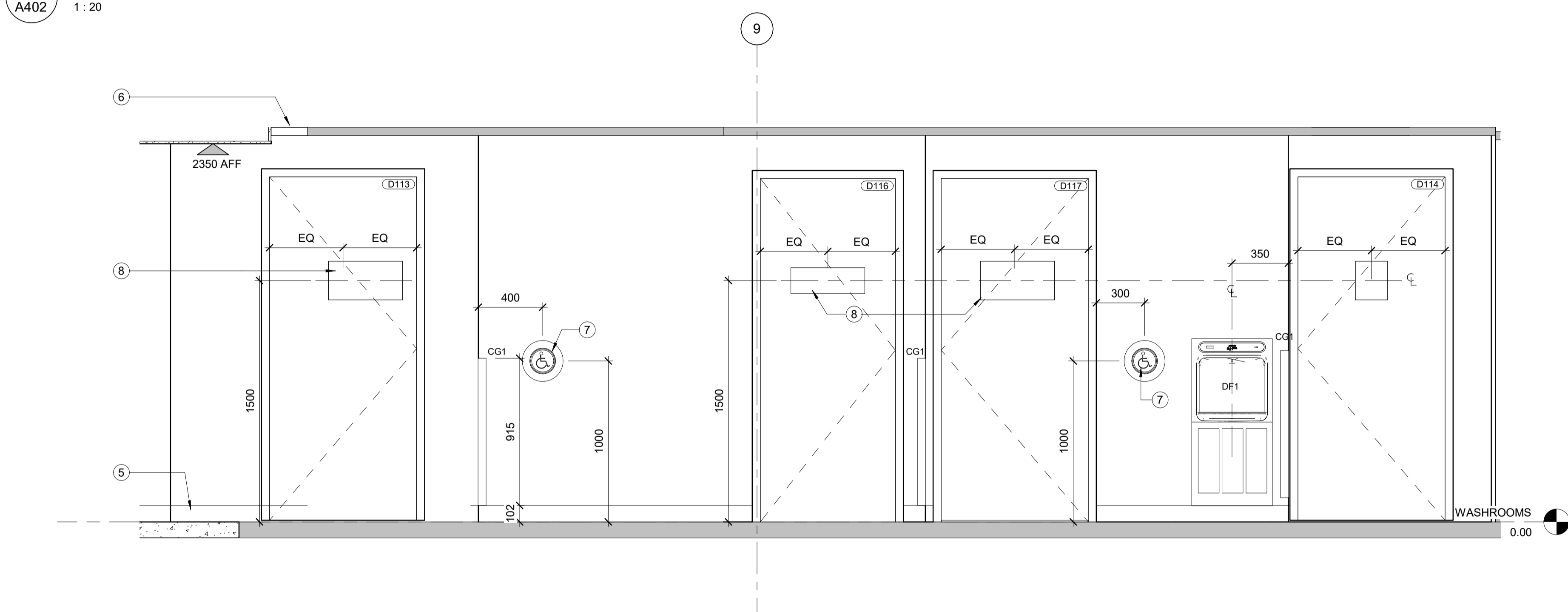
FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing **WASHROOM ELEVATIONS**

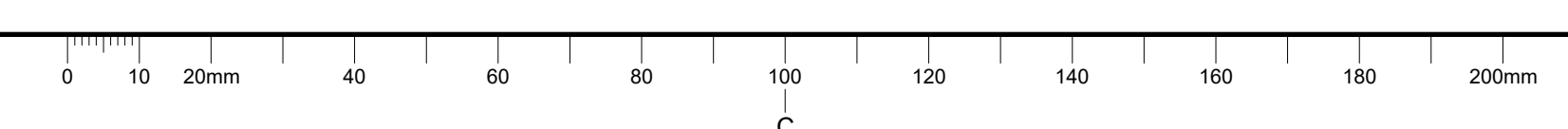
Designed By	DW	2019/01/10	(yyyy/mm/dd)
Date			
Drawn By	DW	2019/01/10	(yyyy/mm/dd)
Date			
Reviewed By	JH	2019/01/10	(yyyy/mm/dd)
Date			
Approved By	JH	2019/01/10	(yyyy/mm/dd)
Date			
Tender	MARIA OFFIN		
Project Manager	MARIA OFFIN		
Project no.	45410902		
Drawing no.	A401		



1 PARTIAL HEIGHT WALL
A402 1:20



2 SIGNAGE ELEVATION
A402 1:20



GENERAL NOTES:

DRAWING NOTES:

- 1 TYPICAL BULKHEAD: 16mm PAINTED GYPSUM BOARD ON 92mm STEEL STUDS.
- 2 2 LAYERS 19mm BALTIC BIRCH PLYWOOD SANDED SMOOTH WITH 6mm RADIUS CORNERS AND EXPOSED EDGES.
- 3 EXISTING SUSPENDED CEILING TILE TO REMAIN.
- 4 EXISTING DOOR AND FRAME TO REMAIN.
- 5 18 GA. BRUSHED STAINLESS STEEL LAMINATED TO 13mm PLYWOOD.
- 6 MODIFY EXISTING ACOUSTICAL TILE CEILING ASSEMBLY TO ACCOMMODATE BULKHEAD INSTALLATION
- 7 REINSTALLED BARRIER FREE DOOR ACTUATOR.
- 8 INSTALL SIGNAGE.
- 9 PATCH, PREP AND PAINT EXISTING WALL.

Canada

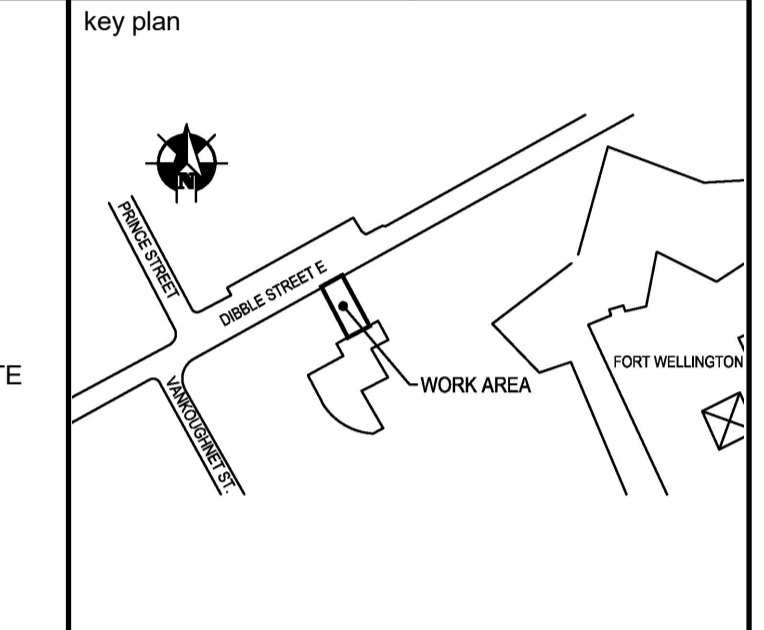


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revisions	description	date
1	ISSUED FOR TENDER	01/04/2019

A detail no.
B location drawing no.
C drawing no.

Project **FORT WELLINGTON WASHROOM FIT-UP**
FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing **INTERIOR ELEVATIONS**

Designed By JH
Date 2019/03/07 (yyyy/mm/dd)

Drawn By DW
Date 2019/03/07 (yyyy/mm/dd)

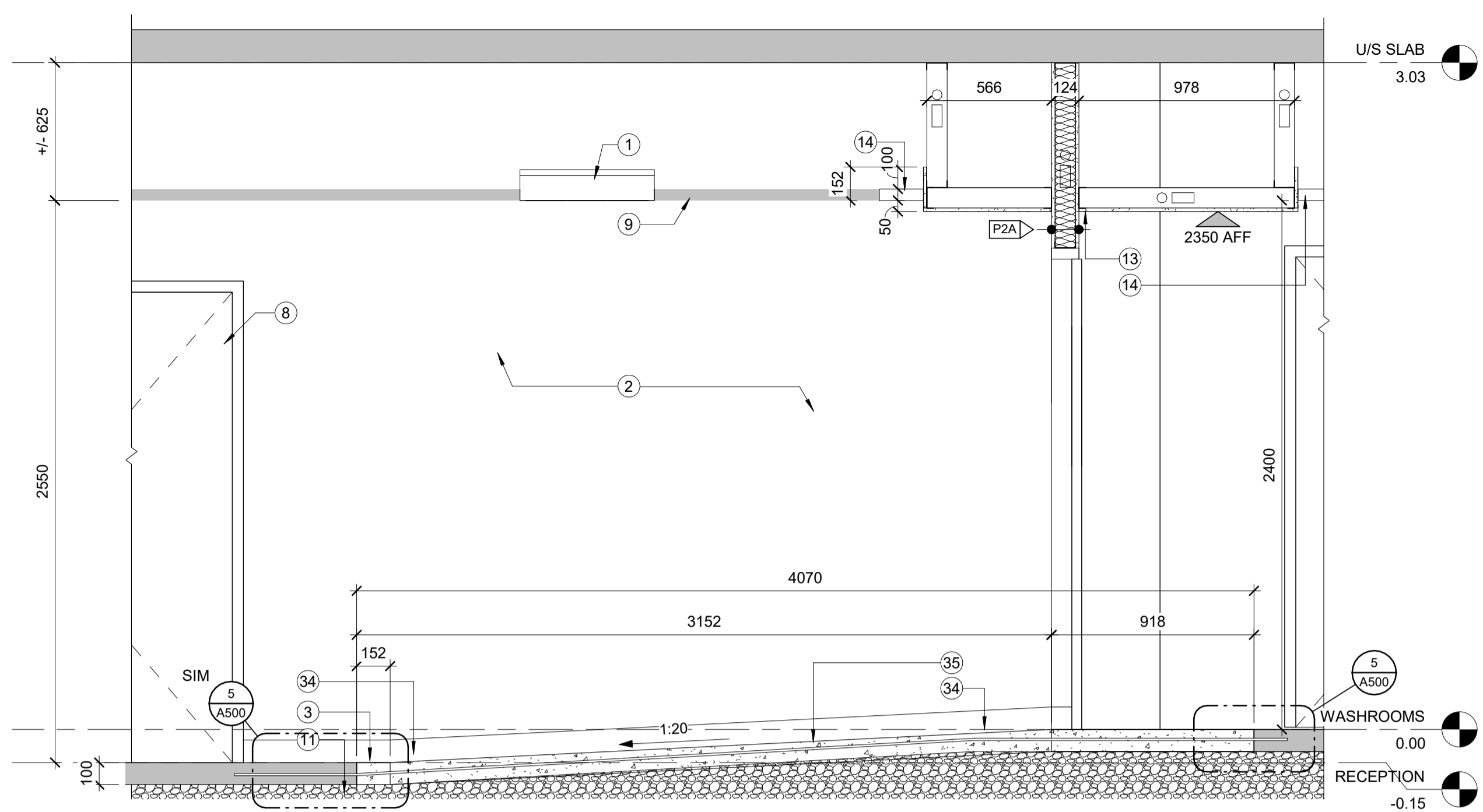
Reviewed By JH
Date 2019/03/07 (yyyy/mm/dd)

Approved By JH
Date 2019/03/07 (yyyy/mm/dd)

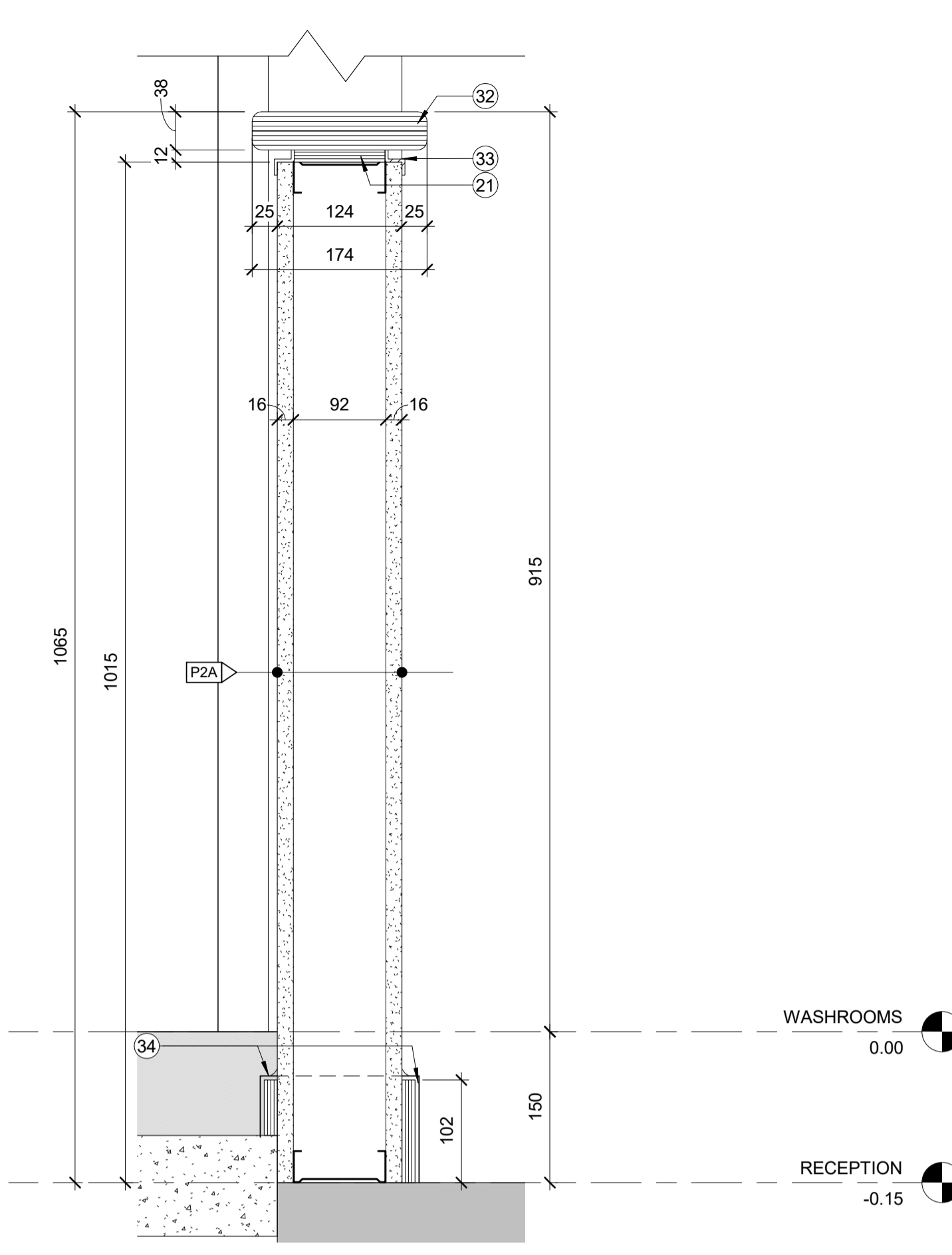
Tender MARIA OFFIN
Project Manager

Project no. **45410902**

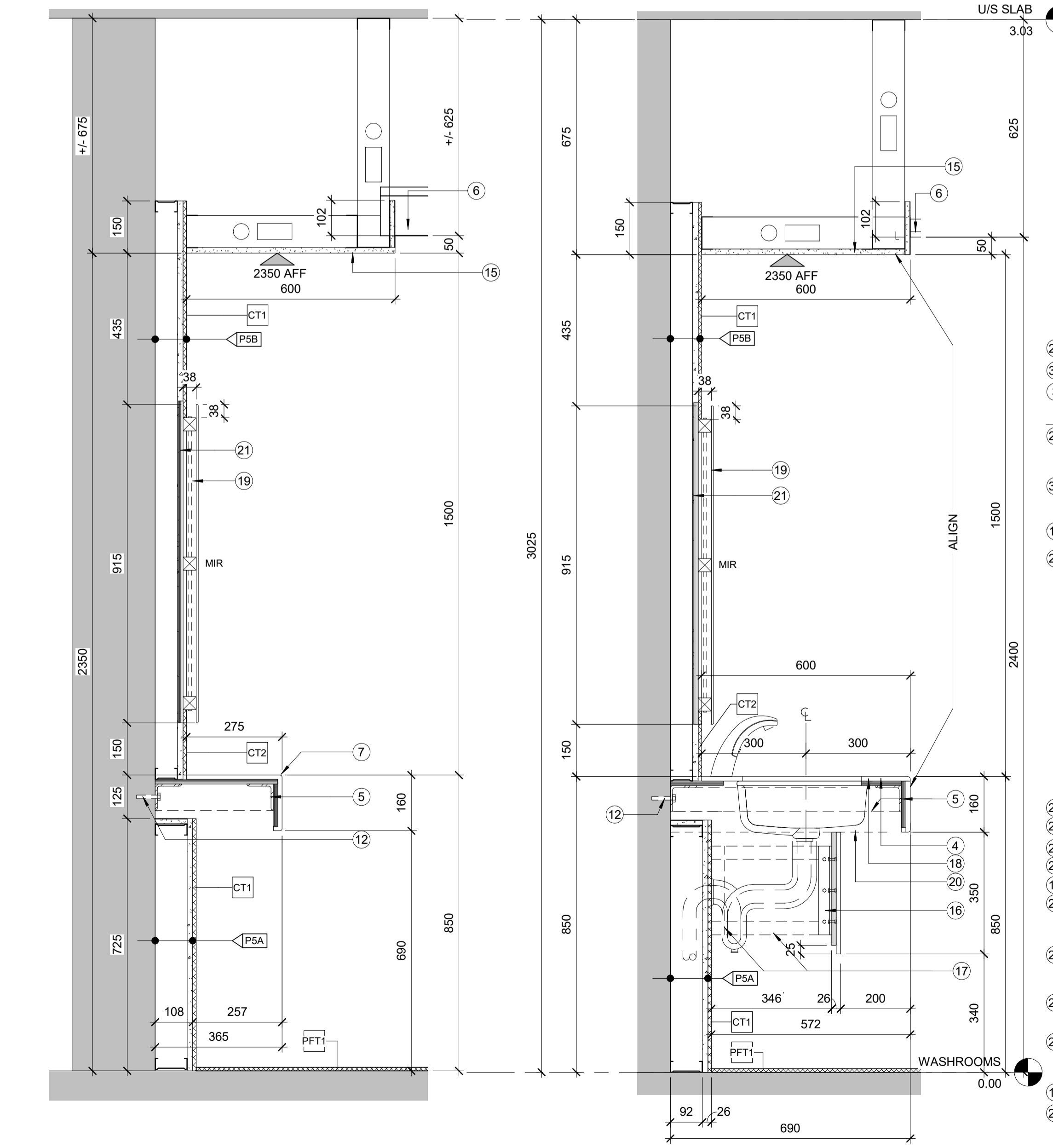
Drawing no. **A402**



1 SLOPED WALKWAY SECTION
A500 1:20

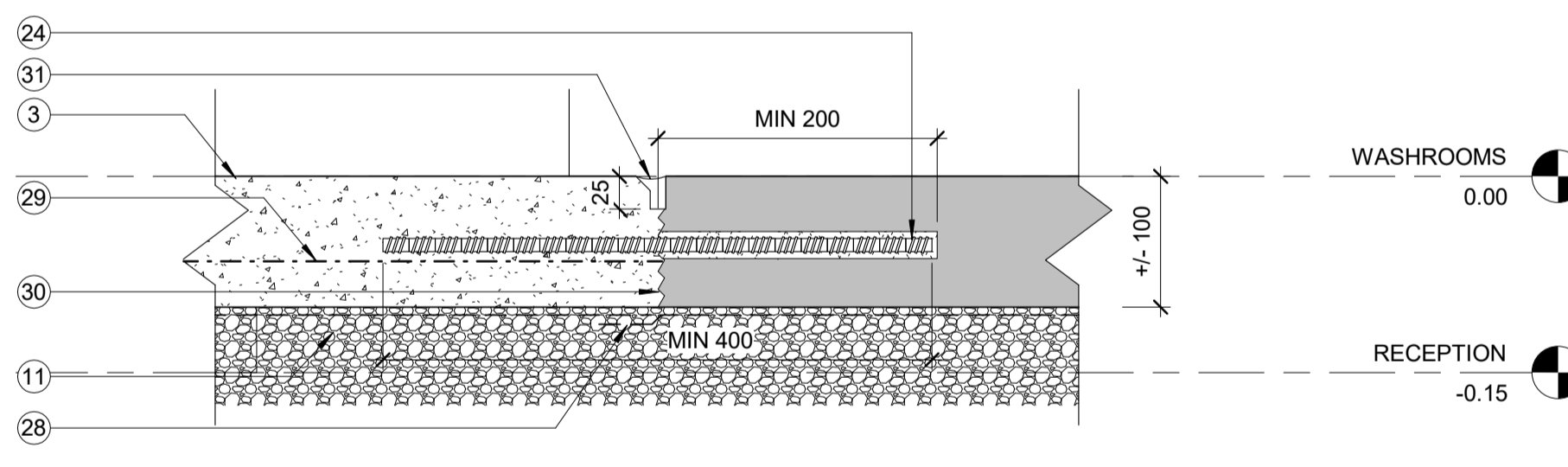


2 SECTION AT PARTIAL HEIGHT WALL
A500 1:5

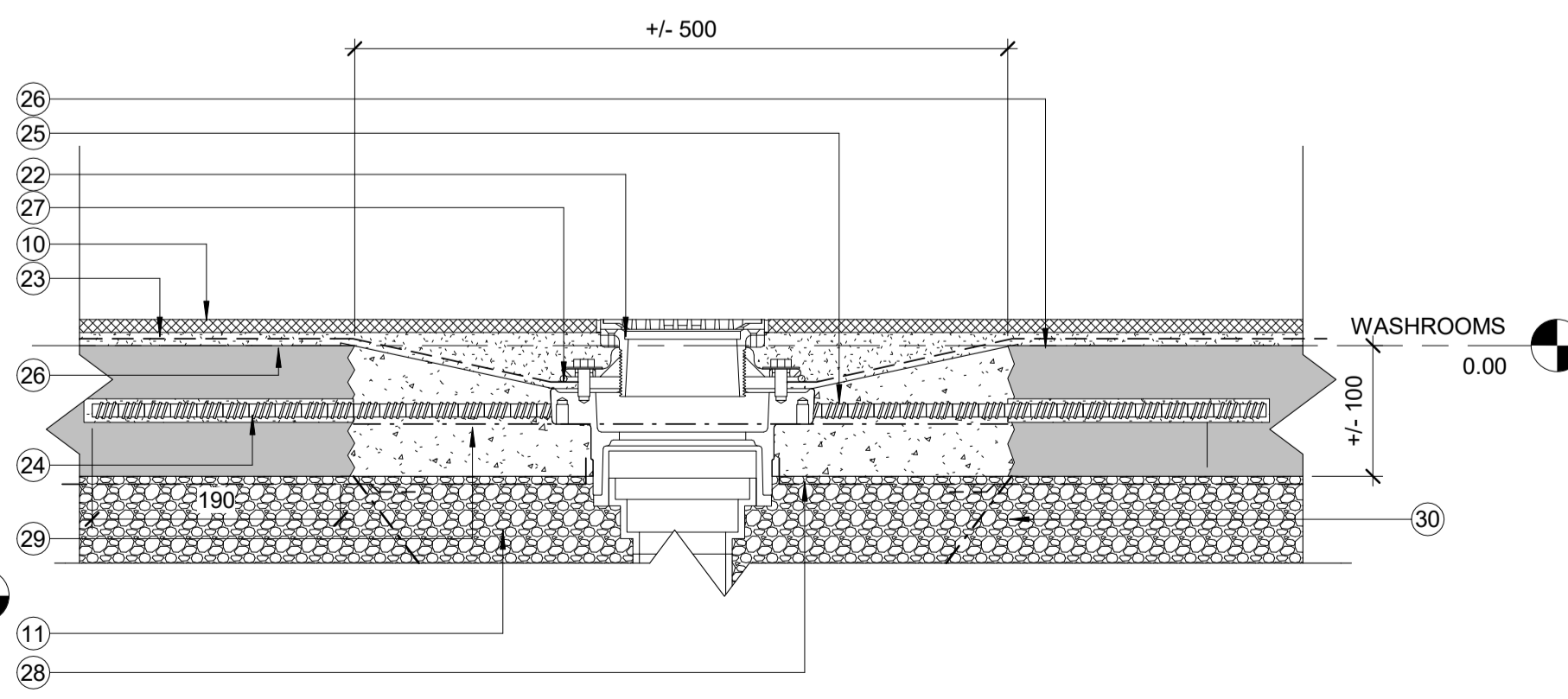


3 SECTION - THROUGH COUNTERTOP
A500 1:10

4 SECTION - TYPICAL COUNTERTOP
A500 1:10



5 TYPICAL CONCRETE INFILL AT EXISTING
A500 1:5



6 TYPICAL SLAB INFILL AT NEW FLOOR DRAIN
A500 1:5

GENERAL NOTES:

- EXISTING LIGHT FIXTURE TO REMAIN.
- PATCH, PREP AND PAINT EXISTING WALL.
- POLISHED CONCRETE FLOORING INFILL.
- 13mm SOLID SURFACE COUNTERTOP WITH 6mm RADIUS CORNERS TOP AND BOTTOM ON 13mm PLYWOOD c/w REMOVABLE SOLID SURFACE APRON WITH CONCEALED FASTENERS.
- 76mm x 76mm x 6.4mm WELDED STEEL ANGLE COUNTER TOP FRAMING THROUGH BOLTED TO PLYWOOD BACKING ON BACK AND SIDES.
- ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM.
- 13mm SOLID SURFACE COUNTERTOP WITH 6mm RADIUS CORNERS TOP AND BOTTOM ON 13mm PLYWOOD.
- EXISTING DOOR AND FRAME TO REMAIN.
- EXISTING SUSPENDED CEILING TILE TO REMAIN.
- TILE FLOOR FINISH.
- MIN. 400mm THICK BED OF NEW COMPACTED GRANULAR FILL BELOW SLAB INFILLS - TYPICAL.
- BOLT STEEL ANGLE FRAMING TO EXISTING CONCRETE BLOCK WALL WITH 10mm DIAMETRE ANCHOR BOLTS - USE BOLTS SUITED TO HOLLOW OR GROUTED BLOCK - VERIFY ONSITE.
- TYPICAL BULKHEAD: 16mm PAINTED GYPSUM BOARD ON 92mm STEEL STUDS.
- MODIFY EXISTING ACOUSTICAL TILE CEILING ASSEMBLY TO ACCOMMODATE BULKHEAD INSTALLATION.
- TYPICAL WASHROOM BULKHEAD: 16mm PAINTED MOISTURE RESISTANT GYPSUM BOARD ON 92mm STEEL STUDS.
- 38mm x 38mm x 6mm STEEL ANGLE SCREWED TO PLYWOOD BACKING IN WALL AND THROUGH BOLTED TO PLYWOOD APRON BACKING FOR SOLID SURFACE APRON.
- STEEL ANGLE FRAMING SCREWED TO PLYWOOD BACKING AT WALL AND APRON RETURNS. TYPICAL WHERE VANITY SIDES ARE EXPOSED.
- PROVIDE CUTOUTS IN SOLID SURFACE COUNTER TOP OF UNDERMOUNT LAVATORY AND ASSOCIATED PLUMBING FIXTURES.
- FRAMELESS MIRROR c/w BEVELED EDGE ON WOOD BLOCKING. LED TAPE LIGHTING FULL PERIMETER OF BLOCKING - SAND SMOOTH ALL EXPOSED EDGES OF AND PAINT.
- 13mm SOLID SURFACE RETURN CLOSURE ON OPEN SIDES OF COUNTER TOP AND APRON - TYPICAL.
- PLYWOOD BACKING.
- NEW FLOOR DRAIN AND ASSOCIATED PLUMBING.
- WATERPROOF MEMBRANE BELOW FLOOR TILE AND TAPERED SCREED AT FLOOR DRAINS - EXTEND 300mm UP WALLS ON ALL SIDES.
- 400mm 10M REBAR DOWELS EPOXIED INTO EXISTING SLAB MIN 200mm.
- POURED CONCRETE SLAB INFILL.
- PREP AND LEVEL EXISTING SLAB TO RECEIVE NEW FINISH.
- LAP WATERPROOFING UNDER FLOOR DRAIN FLANGE AND SEAL.
- INSTALL 15mil POLYETHYLENE VAPOUR BARRIER AT SLAB ON GRADE INFILLS - LAP AND SEAL TO EXISTING MEMBRANE.
- 152 x 152 x MW18.7/MW18.7 WELDED WIRE MESH.
- ABRADE EDGES OF EXISTING SLAB TO ALLOW FOR PROPER ADHESION WITH NEW CONCRETE INFILLS.
- CONCRETE CONTROL JOINT FILLER.
- 2 LAYERS 19mm BALTIC BIRCH PLYWOOD SANDED SMOOTH WITH 6mm RADIUS CORNERS AND EXPOSED EDGES.
- ALUMINUM REVEAL TRIM.
- 18 GA. BRUSHED STAINLESS STEEL LAMINATED TO 13mm PLYWOOD.
- POLISHED CONCRETE SLOPED WALKWAY - MAXIMUM 1:20 SLOPE.

DRAWING NOTES:

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- 152 x 152 x MW18.7/MW18.7 WELDED WIRE MESH.
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T.N.-TRUE NORTH

key plan
DUBLIN STREET
WELLS STREET
WORK AREA
FORT WELLINGTON

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR TENDER	01/04/2019
revisions	description	date
	A detail no.	
	B location drawing no.	
	C drawing no.	

Project **FORT WELLINGTON WASHROOM FIT-UP** Project

FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing **SECTIONS AND DETAILS** Dessin

Designed By JH
Date 2019/14/01 (yyyy/mm/dd)

Drawn By DW
Date 2019/14/01 (yyyy/mm/dd)

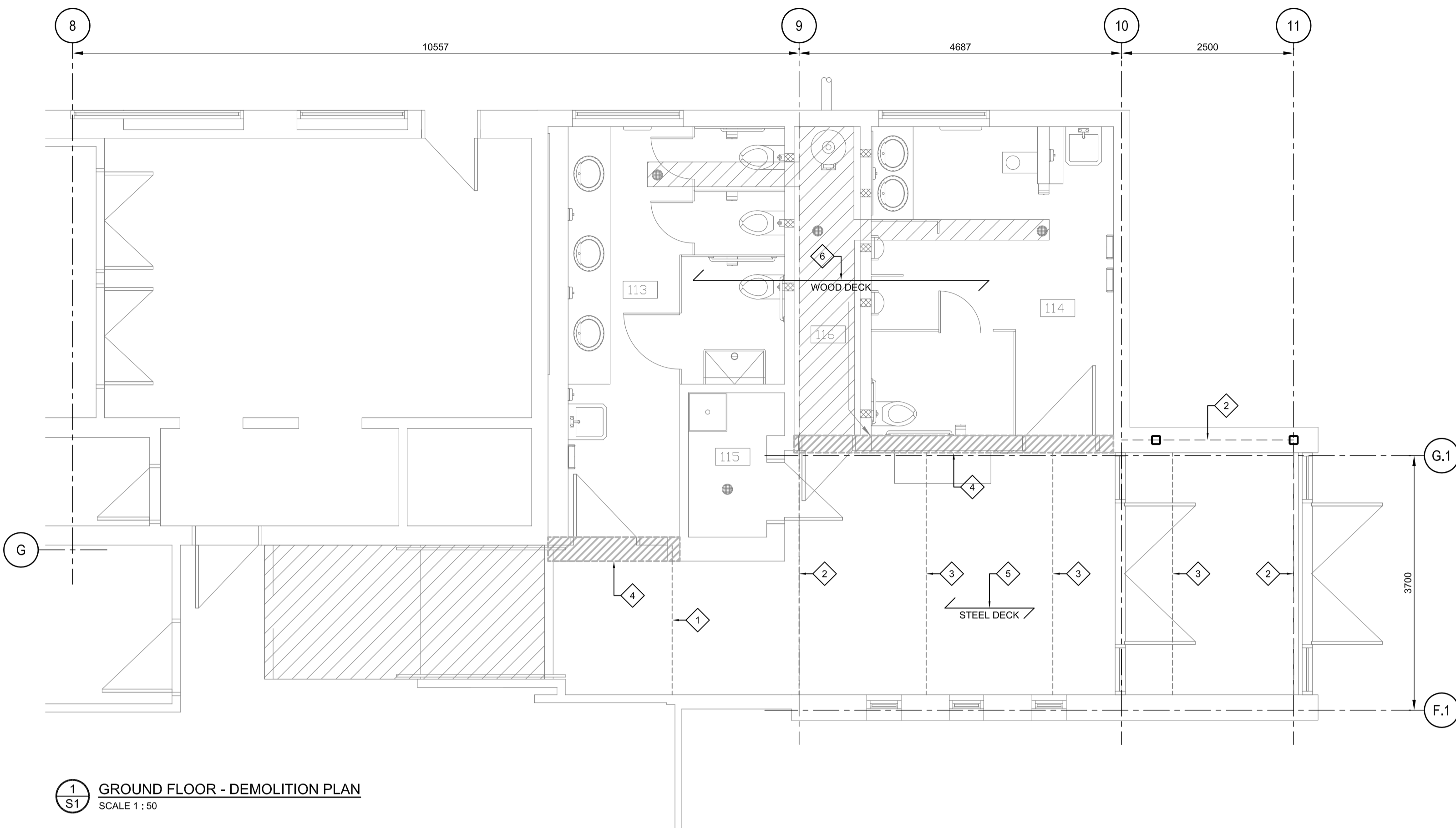
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Date 2019/14/01 (yyyy/mm/dd)

Approved By JH
Date 2019/14/01 (yyyy/mm/dd)

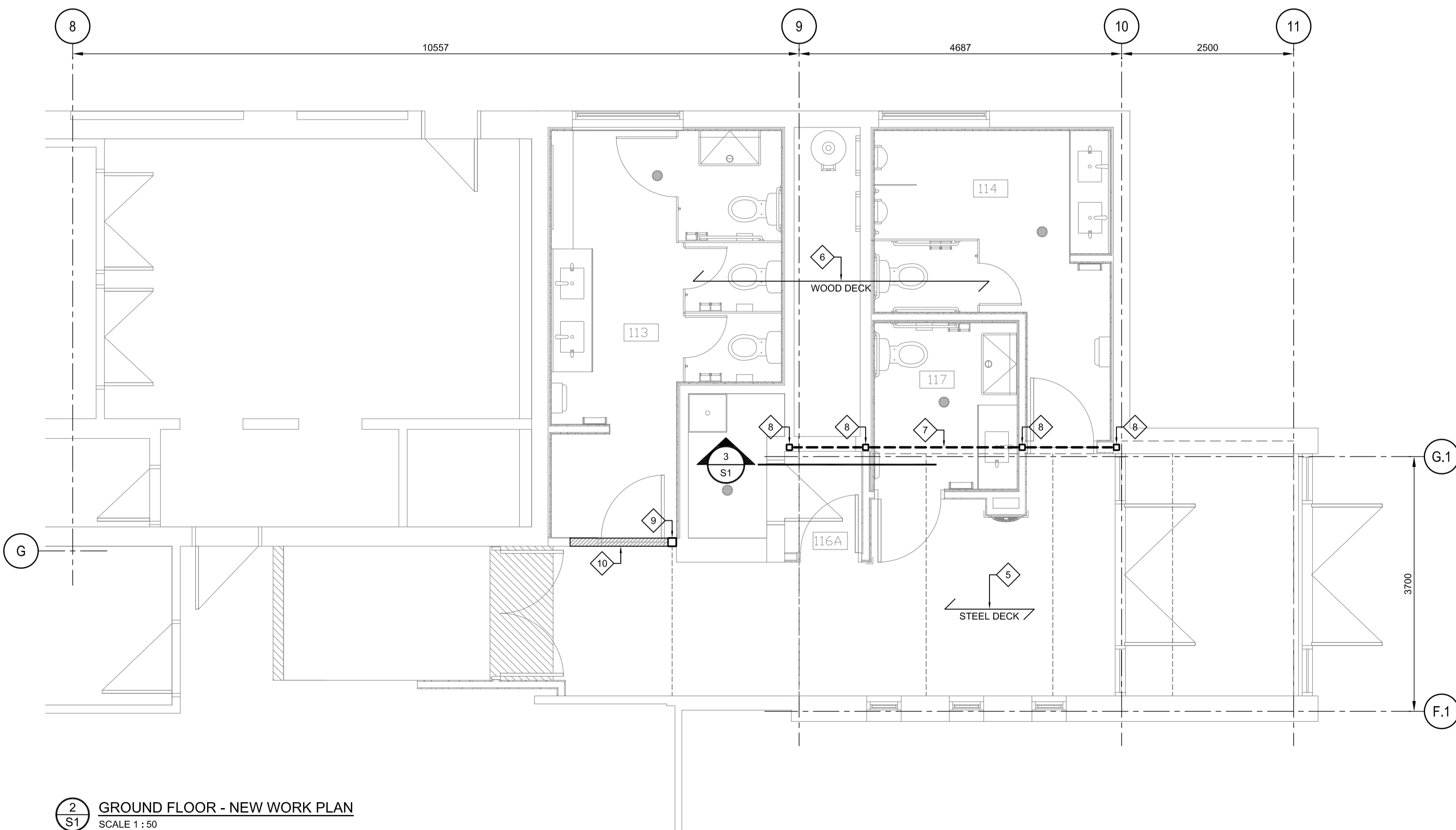
Tender MARIA OFFIN

Project Manager
Project no. **45410902**

Drawing no. **A500**



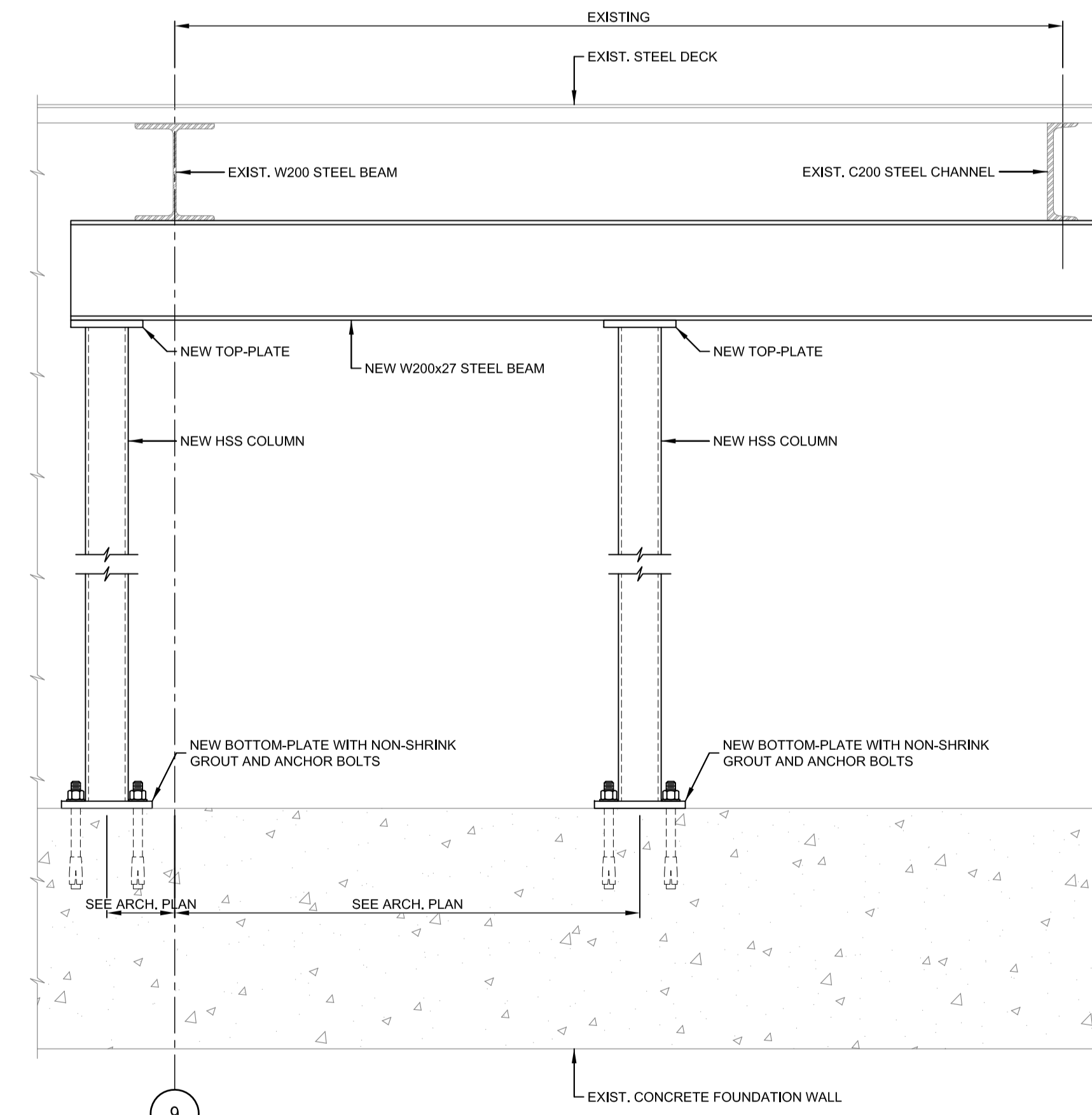
1
S1 GROUND FLOOR - DEMOLITION PLAN
SCALE 1 : 50



2
S1 GROUND FLOOR - NEW WORK PLAN
SCALE 1 : 50

- DRAWING NOTES:**
- 1 EXISTING W360 STEEL BEAM.
 - 2 EXISTING W200 STEEL BEAM.
 - 3 EXISTING C200 STEEL CHANNEL.
 - 4 EXISTING 6-IN CONCRETE BLOCK WALL TO BE DEMOLISHED.
 - 5 EXISTING STEEL DECK ABOVE VESTIBULE.
 - 6 EXISTING WOOD DECK ABOVE WASHROOMS.
 - 7 NEW W200x27 STEEL BEAM.
 - 8 NEW HSS 89x89x6.4mm STEEL COLUMN.
 - 9 NEW HSS 127x127x6.4mm STEEL COLUMN.
 - 10 NEW STEEL STUD WALL TO SUIT DOOR OPENING.

- SPECIFICATING:**
- 1.0 DEMOLITION
 - 1.1 PROVIDE ALL NECESSARY TEMPORARY SUPPORT AND SHORING PRIOR TO DEMOLITION OF ANY EXISTING SUPPORTING ELEMENT. PROVIDE DEMOLITION PLAN, INCLUDING SHORING DRAWING, PREPARED BY AN ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.
 - 1.2 CONTRACTOR IS RESPONSIBLE TO DISPOSE OF ALL DEMOLITION WASTE. CONTRACTOR SHALL KEEP AREA CLEAN AND WITHOUT OBSTRUCTIONS AT ALL TIMES.
 - 1.3 DEMOLISH EXISTING CONCRETE BLOCK WALLS WHERE INDICATED ON DRAWINGS, LEAVING CLEAN AND NEATLY CUT VERTICAL EDGES. REMOVE BASE MORTAR BED TO CONCRETE FOUNDATION. GRIND OFF EXISTING BEARING PLATES FROM EXISTING W200 BEAMS AND C200 CHANNELS.
 - 2.0 STRUCTURAL STEEL
 - 2.1 ALL STRUCTURAL STEEL WORK TO BE CARRIED OUT IN ACCORDANCE WITH CAN/CSA S16 LATEST EDITION.
 - 2.2 W SHAPES AND PLATES TO BE G40.20/G40.21, GRADE 300W.
 - 2.3 HSS POSTS TO BE G40.20/G40.21, GRADE 350W.
 - 2.4 BOLTS TO ASTM F1325, GRADE A325.
 - 2.5 WELDING TO CAN/CSA W47.1, W55.3 AND W59, LATEST EDITION.
 - 2.6 CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS ON SITE BEFORE MANUFACTURING.
 - 2.7 DESIGN, DETAIL AND FABRICATE ALL TOP-PLATES, BASE-PLATES AND CONNECTIONS IN A QUALITY-CONTROLLED SHOP TO CISC HANDBOOK OF STEEL CONSTRUCTION.
 - 2.8 EXISTING STEEL BEAMS AND CHANNELS TO BE SITE-WELDED TO NEW STEEL BEAM TOP FLANGE.
 - 2.9 NEW STEEL BEAM BOTTOM FLANGE MAY BE SITE WELDED OR BOLTED TO NEW COLUMN TOP-PLATES.
 - 2.10 PROVIDE SHOP DRAWINGS SHOWING ALL MANUFACTURED DIMENSIONS, WELDS AND BOLTED CONNECTIONS.
 - 2.11 ALL STEEL TO HAVE 2 COATS SHOP PRIMER.
 - 2.12 STEEL STUDS TO BE 550S125-33. CONSTRUCT STEEL STUD WALL TO CSSBI LIGHTWEIGHT STEEL FRAMING. PROVIDE JACK-STUDS AND 2-PLY LINTEL AT DOOR OPENING.



3
S1 NEW BEAM / COLUMN DETAIL
SCALE 1 : 10

Canada

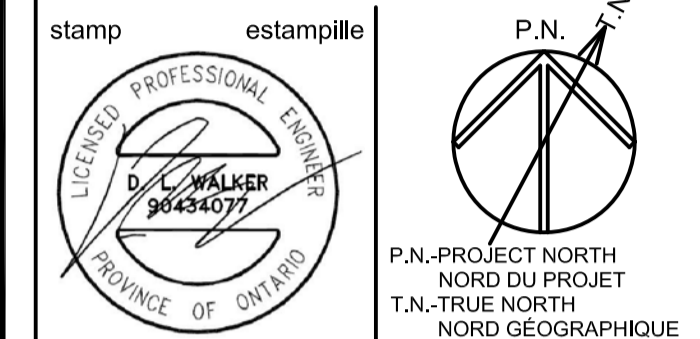
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Ottawa (Ontario) K1V 0Y3 Canada
Telephone: (613) 907-7100
www.snc-lavalin.com
SNC Project #660670



key plan plan clé

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

L'Entrepreneur doit vérifier toutes les dimensions et conditions sur le site et aviser immédiatement le représentant du ministère de toutes les divergences.

01	ISSUED FOR TENDER	2019/04/01
revisions	description	date

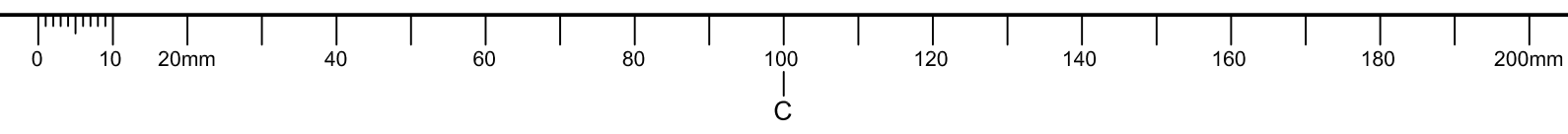
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B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

Project **FORT WELLINGTON WASHROOM FIT-UP** Projet
FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing **DEMOLITION PLAN NEW STRUCTURAL PLAN** Dessin

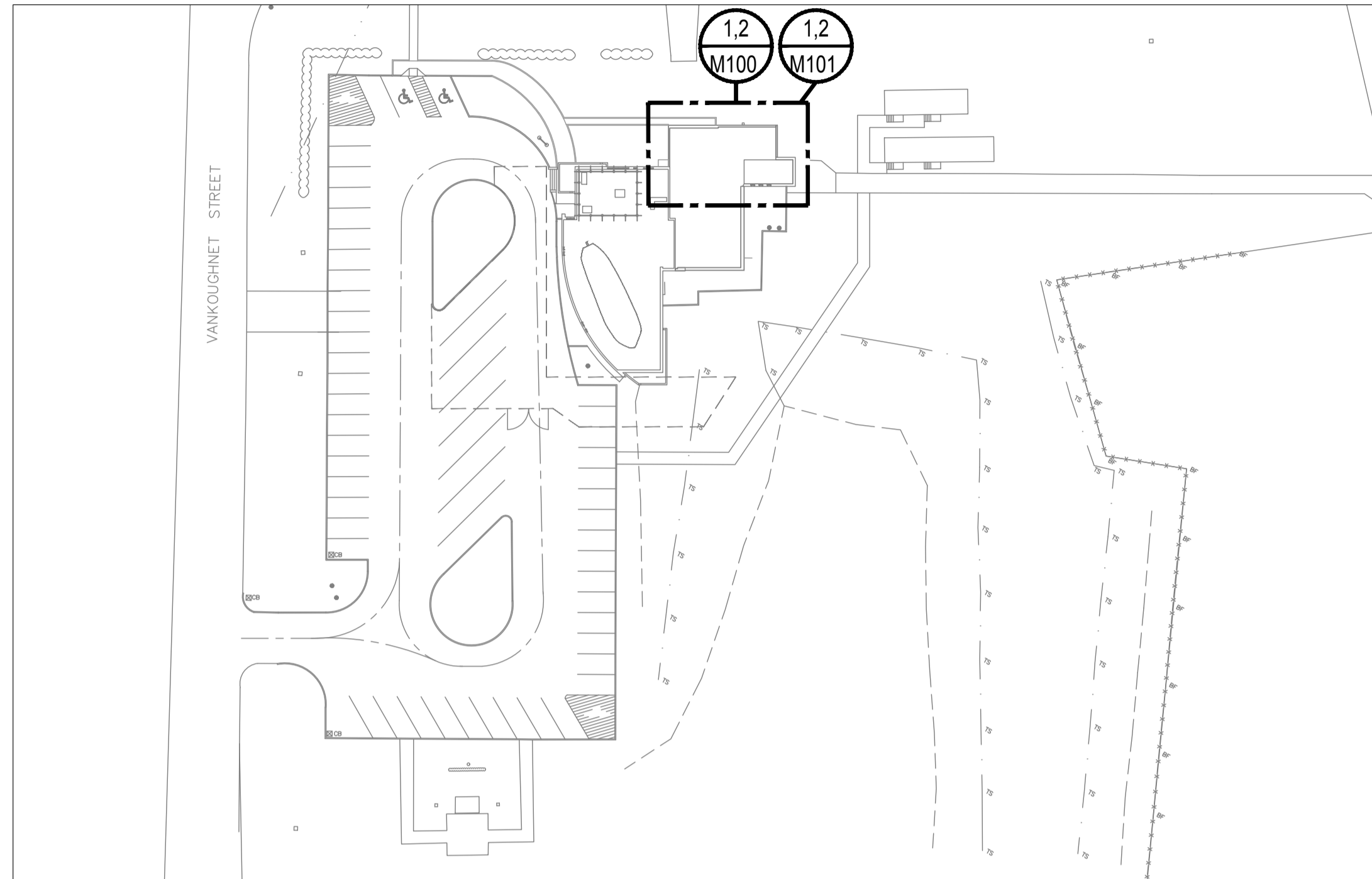
STRUCTURAL

Designed By	D. WALKER	Conçu par
Date	2019/03/26	(yyyy/mm/dd)
Drawn By	J. JIA	Dessiné par
Date	2019/03/26	(yyyy/mm/dd)
Reviewed By	R. GILLARD	Examiné par
Date	2019/03/26	(yyyy/mm/dd)
Approved By	D. WALKER	Approuvé par
Date	2019/03/26	(yyyy/mm/dd)
Tender	MARIA OFFIN	Soumission
Project Manager	Administrateur de projets	
Project no.	No. du projet	
	45410902	SNC# 660670
Drawing no.	No. du dessin	
	S1	



AT 594 x 841

45410902 - FORT WELLINGTON WASHROOM FIT-UP - MECHANICAL



1 KEY PLAN
M000 SCALE: N.T.S.

GRILLES & DIFFUSERS SCHEDULE					
TAG	USAGE	MATERIAL	INLET mm (N)	DIMENSIONS mm (N)	NOTES
SD-01	SUPPLY	ALUMINUM	-	600x300	WHITE POWDER COAT FINISH, T-BAR MOUNTED LINEAR DIFFUSER
SD-02	SUPPLY	ALUMINUM	-	600x600	WHITE POWDER COAT FINISH, T-BAR MOUNTED SQUARE CONE DIFFUSER
EG-01	EXHAUST	ALUMINUM	-	200x200	WHITE POWDER COAT FINISH, T BAR MOUNTED EGG CRATE GRILLE
RG-01	RETURN	ALUMINUM	-	600x600	EGG CRATE GRILLE
DC-01	RETURN	ALUMINUM	-	400x200	PAINT TO MATCH NEW DOOR COLOUR. REFER TO ARCHITECTURAL DRAWINGS.

Notes:

PLUMBING FIXTURE SCHEDULE							ACCESSORIES/ SPECIAL NOTES		
TAG	CONNECTION			TYPE	CONSTRUCTION	INSTALLATION	V/PH/HZ	FLA	
	DCW	DHW	SAN						
WC-01	25ø	-	75ø	BARRIER FREE TANK TYPE	VITREOUS CHINA	FLOOR MOUNTED TOILET	-	-	RIGHT HEIGHT PRESSURE-ASSISTED ELONGATED LOW CONSUMPTION TOILET, 419 MM HIGH, VITREOUS CHINA WITH ANTIMICROBIAL SURFACE WHICH INHIBITS THE GROWTH OF STAIN AND ODOR CAUSING BACTERIA MOLD AND MILDEW, ELONGATED BOWL, WHITE FINISH, FLOOR MOUNTED, SIPHON JET FLUSH ACTION, 6 L (1.6 US GAL) PER FLUSH, RAISED SANITARY BAR, 305 MM X 254 MM (12" X 10") WATER SURFACE, TWO (2) PIECE, "SPEED CONNECT" TANK ASSEMBLY, SIPHON JET FLUSH ACTION, RAISED SANITARY BAR, LEFT HAND TRIPLEVER, BOLTED TANK COVER, 305 MM (12") ROUGH-IN, ELONGATED BOWL, 54 MM (2-1/8") FULLY GLAZED INTERNAL TRAPWAY, FLOOR OUTLET, BOLT CAPS. NOTE: PROVIDE BOLTED TANK COVER, TOILET SEAT, HEAVY DUTY, FOR ELONGATED BOWL, OPEN FRONT, SOLID PLASTIC, LESS COVER, STAINLESS STEEL CHECK HINGES, METAL FLAT WASHERS STAINLESS STEEL POSTS AND NUTS; TOILET SUPPLY, CHROME PLATED FINISH POLISHED BRASS, COMMERCIAL DUTY 1/4 TURN BALL VALVE ANGLE STOPS, 13 MM (1/2") I.D. INLET X 127 MM (5") LONG RIGID HORIZONTAL INTEGRAL COPPER SWEAT TUBE NIPPLES, COMBINATION V.P. LOOSE KEY HANDLES, ESCUTCHEON AND FLEXIBLE COPPER RISERS, PROVIDE FLOOR FLANGE, (SAME MATERIAL AS THE CONNECTING PIPE DRAIN), WITH ALL BRASS BOLTS AND WITH RUBBER GASKET.
WC-02	25ø	-	75ø	GENERAL USE TANK TYPE	VITREOUS CHINA	FLOOR MOUNTED TOILET	-	-	RIGHT HEIGHT PRESSURE-ASSISTED ELONGATED LOW CONSUMPTION TOILET 419 MM HIGH, VITREOUS CHINA WITH ANTIMICROBIAL SURFACE WHICH INHIBITS THE GROWTH OF STAIN AND ODOR CAUSING BACTERIA MOLD AND MILDEW, ELONGATED BOWL, WHITE FINISH, FLOOR MOUNTED, SIPHON JET FLUSH ACTION, 6 L (1.6 US GAL) PER FLUSH, RAISED SANITARY BAR, 305 MM X 254 MM (12" X 10") WATER SURFACE, TWO (2) PIECE, "SPEED CONNECT" TANK ASSEMBLY, SIPHON JET FLUSH ACTION, RAISED SANITARY BAR, LEFT HAND TRIPLEVER, BOLTED TANK COVER, 305 MM (12") ROUGH-IN, ELONGATED BOWL, 54 MM (2-1/8") FULLY GLAZED INTERNAL TRAPWAY, FLOOR OUTLET, BOLT CAPS. TOILET SEAT, HEAVY DUTY, FOR ELONGATED BOWL, OPEN FRONT, SOLID PLASTIC, LESS COVER, STAINLESS STEEL CHECK HINGES, METAL FLAT WASHERS STAINLESS STEEL POSTS AND NUTS; TOILET SUPPLY, CHROME PLATED FINISH POLISHED BRASS, COMMERCIAL DUTY 1/4 TURN BALL VALVE ANGLE STOPS, 13 MM (1/2") I.D. INLET X 127 MM (5") LONG RIGID HORIZONTAL INTEGRAL COPPER SWEAT TUBE NIPPLES, COMBINATION V.P. LOOSE KEY HANDLES, ESCUTCHEON AND FLEXIBLE COPPER RISERS, PROVIDE FLOOR FLANGE, (SAME MATERIAL AS THE CONNECTING PIPE DRAIN), WITH ALL BRASS BOLTS AND WITH RUBBER GASKET.
UR-01	20ø	-	50ø	URINAL	VITREOUS CHINA	WALL HUNG	-	-	URINAL, VITREOUS CHINA, OPERATES IN THE RANGE OF 0.5 L TO 3.8 L (0.125 US GAL TO 1.0 US GAL) PER FLUSH, WALL HUNG, EXTENDED SIDES FOR PRIVACY, WASHDOWN ACTION, WASHBROOK FLOWISE, FLUSHING RIM, 19 MM (3/4") DIA. BACK SPUD, ELONGATED RIM, INTEGRAL P-TRAP, OUTLET CONNECTION 51 MM (2"), 2 WALL HANGERS, CHROME PLATED, NON-METALLIC STRAINER, WHITE FINISH, CONCEALED FLOWMETER FOR BACK SPUD URINAL, 0.5 L (0.125 US GAL) FACTORY SET FLOW, QUIET ACTION DIAPHRAGM TYPE WITH DUAL FILTER BY-PASS, NON-HOLD OPEN FEATURE, HYDRAULIC METAL PUSH BUTTON ASSEMBLY FOR TRUE MECHANICAL OVER-RIDE, INFRARED SENSOR, SOLENOID OPERATED FLUSH CONTROLLER CIRCUITRY, BAK-CHEK ANGLE STOP (WHEEL HANDLE OPERATED), HIGH PRESSURE VACUUM BREAKER, HOUSED IN 305 MM X 305 MM (12" X 12") RECESSED BOX LOCATED ABOVE THE URINAL, 5 VA POWER REQUIRED PER UNIT, BOX MOUNT HARDWIRED TRANSFORMER, 120 VAC/ 24 VAC, 50 VA, FIXTURE CARRIER, MOUNTED ON CONCRETE FLOOR, STEEL HANGER PLATE, HEAVY GAUGE EPOXY COATED STEEL OFFSET UPRIGHTS WITH WELDED FEET SUPPORTS, FOR ONE UNIT: 102 MM (4") FOR TWO TO SIX UNITS IN A ROW: 152 MM (6") FINISHED METAL STUD WALL TO BACK OF PIPE SPACE, URINAL WALL ACCESS CLEANOUT, TWO (2) PIECE EXPANDABLE PLUG WITH 102 MM (4") DIAMETER STAINLESS STEEL ACCESS COVER, SECURED WITH VANDAL PROOF STAINLESS STEEL SCREW, DRAIN COUPLING, COUPLING, NO-HUB, TYPE 300 AISI STAINLESS STEEL BAND, TYPE 300 AISI STAINLESS STEEL EYELETS, ELASTOMERIC COMPOUND GASKET MEETING THE REQUIREMENTS OF ASTM C-564, TYPE 300 AISI STAINLESS STEEL SHIELD, TESTED TO MAINTAIN 4.3 PSI OF WATER PRESSURE AT 60 INCH LB MIN/MAX TORQUE, BOLT TIGHTNESS, TESTED AND CERTIFIED TO ASTM STANDARD 1460-2012 AND CSA STANDARD B602-2010 AND LISTED WITH IAPMO. ALL MODELS ARE LISTED TO THE NATIONAL PLUMBING CODE OF CANADA AND RELEVANT CANADIAN STANDARD (S) AND BEAR THE CUPC MARK OF CONFORMITY. NON CONSTANT TEMPERATURE RATING IS 140°F.
LAV-01	13ø	13ø	32ø	LAVATORY	VITREOUS CHINA	COUNTER MOUNTED UNDERCOUNTER BASIN	-	-	BASIN, NO FAUCET HOLE DRILLING, 508 MM X 406 MM X 178 MM (20" X 16" X 7") HIGH, RECTANGULAR, VITREOUS CHINA, WHITE FINISH, UNDERCOUNTER, WITH OVERFLOW, ELECTRONIC FAUCET, CHROME PLATED WITH BLACK THROAT FINISH, 4" (102 MM) DECK PLATE, CAST BRASS, 1.9 LPM (0.5 GPM) AERATOR SPRAY OUTLET, 130 MM (5-1/8") PROJECTION REACH, OPTIC FIBER AUTOMATIC SENSOR, SERVICEABLE FILTERED SOLENOID VALVE, BOX MOUNT HARDWIRED TRANSFORMER, 120 VAC/ 24 VAC, 50 VA, BELOW DECK MECHANICAL WATER MIXING VALVE, BRONZE BODY, TEMPERATURE ADJUSTING DIAL, 10 MM (3/8") INLETS AND OUTLET COMPRESSION FITTINGS, HIGH TEMPERATURE THERMOSTATIC LIMIT STOP, SHUT-OFF WITH AUTOMATIC RESET WHEN TEMPERATURE EXCEEDS 120 °F (48.9 °C), INTEGRAL CHECKS, OFFER TEMPERATURE RANGE FROM FULL COLD THROUGH 46 °C (114.8 °F), (CAD #115.75) MCGUIRE #155A OPEN GRID DRAIN, CAST BRASS ONE PIECE TOP, 17 GA. (1.5 MM) TUBULAR 32 MM (1-1/4") TAILPIECE, FAUCET SUPPLIES, CHROME PLATED FINISH POLISHED BRASS, COMMERCIAL DUTY 1/4 TURN BALL VALVE ANGLE STOPS, 13 MM (1/2") I.D. INLET X 127 MM (5") HORIZONTAL EXTENSION TUBES, CONVERTIBLE 1/4 TURN/LOOSE KEY HANDLES, ESCUTCHEON AND FLEXIBLE COPPER RISERS, P-TRAP, HEAVY CAST BRASS ADJUSTABLE BODY, WITH SLIP NUT, 32 MM (1-1/4") SIZE, SHALLOW WALL FLANGE AND SEAMLESS TUBULAR WALL BEND.
DF-01	13ø	-	32ø	IN-WALL BOTTLE FILLING STATION	STAINLESS STEEL	WALL MOUNTED (IN-WALL FRAME/PLATE)	115/1/60	1	BOTTLE FILLING STATION FILTERED IN-WALL RECESSED (CHILLED) #12WSM8K IN-WALL RECESSED MOUNTED BOTTLE/GLASS FILLING STATION, SENSOR, TOUCHLESS ACTIVATION WITH AUTO 20-SECOND SHUT OFF (BOTTLE FILLER), SINGLE, 8 GPH OF 50 °F DRINKING WATER AT 90 °F AMBIENT AND 80 °F INLET WATER, LAMINAR FLOW PROVIDES MINIMAL BACK SPLASH, LEAD-FREE DESIGN, REAL DRAIN SYSTEM ELIMINATES STANDING WATER, STAINLESS STEEL BOTTLE FILLER WRAPPER WITH ABS PLASTIC ALCOVE, QUICK FILL RATE OF 1.1 GPM, INNOVATIVE GREEN TICKER COUNTS BOTTLES SAVED FROM WASTE, COMPRESSOR: HERMETICALLY-SEALED, RECIPROCATING TYPE, SINGLE PHASE, SEALED-IN LIFETIME LUBRICATION, CONDENSER: FAN COOLED, FAN MOTOR IS PERMANENTLY LUBRICATED, COOLING UNIT: COMBINATION TUBE-TANK TYPE, CONTINUOUS COPPER TUBING WITH STAINLESS STEEL TANK, FULLY INSULATED WITH EPS FOAM WHICH MEETS UL REQUIREMENTS FOR SELF-EXTINGUISHING MATERIAL, CHILLING CAPACITY OF 86PH, VOLTAGE REQUIREMENT: 115V AT 60 HZ, CURRENT OF 5.0 AMPS, POWER CONSUMPTION: 370W, REFRIGERANT CONTROL: REFRIGERANT R134A IS CONTROLLED BY ACCURATELY CALIBRATED CAPILLARY TUBE, TEMPERATURE CONTROL: ENCLOSED ADJUSTABLE THERMOSTAT IS FACTORY PRESET, REQUIRES NO ADJUSTMENT OTHER THAN FOR ALTITUDE REQUIREMENTS, EASILY ACCESSIBLE ENCLOSED ADJUSTABLE THERMOSTAT IS FACTORY PRESET, 3000-GALLON CAPACITY FILTRATION SYSTEM, NSF/ANSI 42 & 53 CERTIFIED, LED VISUAL FILTER MONITOR SHOWS REPLACEMENT WHEN NECESSARY, GREEN SPEC LISTED, INTEGRATED SILVER ION ANTI-MICROBIAL PROTECTION IN KEY AREAS. DRINKING FOUNTAIN SUPPLY, CHROME PLATED FINISH POLISHED BRASS, STRAIGHT STOPS, V.P. LOOSE KEYS, LOW LEAD.
FD-01	-	-	76ø	FLOOR DRAIN	-	-	-	-	FLOOR DRAIN C/W EPOXY COATED CAST IRON BODY, REVERSIBLE FLASHING CLAMP WITH PRIMARY AND SECONDARY WEEPHOLES, VANDAL PROOF, NO HUB OUTLET 5" (127 MM) DIAMETER, NICKEL BRONZE, ADJUSTABLE ROUND STRAINER AND NEOPRENE TRAP SEALER.

Notes:

CONTROL LEGEND	
SYMBOL	DESCRIPTION
	LOW VOLTAGE WIRING
	TEMPERATURE SENSOR (DOC)

GENERAL LEGEND	
SYMBOL	DESCRIPTION
	SPECIFIC NOTE TAG
(E)	EXISTING TO REMAIN
(X)	DEMOLITION TO REMOVE
(R)	EXISTING TO BE RELOCATED
(N)	NEW WORK
C/W	COMPLETE WITH
N.T.S.	NOT TO SCALE

DRAWING LIST	
DRAWING NUMBER	DRAWING TITLE
M000	MECHANICAL - LEGEND, DRAWING LIST & SCHEDULES
M100	MECHANICAL - PLUMBING AND UTILITIES PLAN
M101	MECHANICAL - HVAC PLAN
M200	DETAILS

PIPING LEGEND	
SYMBOL	DESCRIPTION
	EXISTING PIPE TO REMAIN
	NEW PIPE
	EXISTING PIPE TO REMOVE
	SANITARY DRAIN ABOVE FLOOR
	SANITARY DRAIN UNDER FLOOR
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RECIRCULATION
	CONTINUATION BREAK
	PIPE DOWN
	PIPE UP
	PIPE THRU
	CAP
	UNION
	CLEAN OUT
	FLOOR CLEAN OUT
	P-TRAP
	ISOLATION VALVE
	DDC CONTROL VALVE
	FLOOR DRAIN

HVAC LEGEND	
SYMBOL	DESCRIPTION
	EXISTING DUCT TO REMAIN
	NEW DUCT
	EXISTING DUCT TO REMOVE
	ROUND DUCT
	ACOUSTIC LINING
	THERMAL INSULATION
	RECTANGULAR SUPPLY DUCT, UPWARD
	RECTANGULAR SUPPLY DUCT, DOWNWARD
	RECTANGULAR RETURN OR EXHAUST DUCT, UPWARD
	RECTANGULAR RETURN OR EXHAUST DUCT, DOWNWARD
	ROUND DUCT, UPWARD
	ROUND DUCT, DOWNWARD
	RECTANGLE TO ROUND TRANSITION
	TAKE OFF C/W BALANCING DAMPER
	TAKE OFF
	BALANCING DAMPER
	FIRE DAMPER (FD)
	SQUARE DIFFUSER
	RETURN GRILLE
	UPBLAST EXHAUST FAN
	RECTANGULAR TAKE
	RECTANGULAR TAKE-OFF C/W DAMPER
	ROUND TAKE-OFF
	ROUND TAKE-OFF C/W DAMPER
	FAN COIL
	DIFFUSER TAG
	SIZE (mm/in) FLOW (L/s/cfm)

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stamp

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Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

L'Entrepreneur doit vérifier toutes les dimensions et conditions sur le site et aviser immédiatement le représentant du ministère de toutes les divergences.

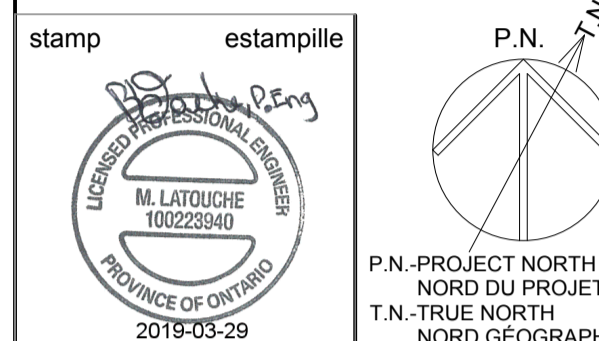
01	ISSUED FOR TENDER	2019/04/01
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revisions	description	date
A	A detail no. no du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

Project **FORT WELLINGTON WASHROOM FIT-UP** Project

FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Designed By	M.L./ A.C.	Conçu par
Date	01/07/19	(yyyy/mm/dd)
Drawn By	A.C.	Dessiné par
Date	01/07/19	(yyyy/mm/dd)
Reviewed By	F.A.	Examiné par
Date	01/07/19	(yyyy/mm/dd)
Approved By	M.L.	Approuvé par
Date	01/07/19	(yyyy/mm/dd)
Tender		Soumission
Project Manager	MARIA OFFIN Administrateur de projets	
Project no.	45410902	No. du projet
Drawing no.	M000	No. du dessin



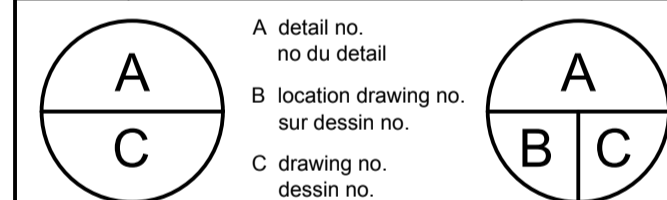
key plan / plan clé

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

L'Entrepreneur doit vérifier toutes les dimensions et conditions sur le site et aviser immédiatement le représentant du ministère de toutes les divergences.

01 ISSUED FOR TENDER 2019/04/01

revisions	description	date



Project: FORT WELLINGTON WASHROOM FIT-UP

FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing: MECHANICAL - PLUMBING AND UTILITIES PLAN

Designed By	M.L./ A.C.	Conçu par
Date	01/07/19	(yyyy/mm/dd)
Drawn By	A.C.	Dessiné par
Date	01/07/19	(yyyy/mm/dd)
Reviewed By	F.A.	Examiné par
Date	01/07/19	(yyyy/mm/dd)
Approved By	M.L.	Approuvé par
Date	01/07/19	(yyyy/mm/dd)
Tender		Soumission
Project Manager	MARIA OFFIN Administrateur de projets	
Project no.	45410902	No. du projet

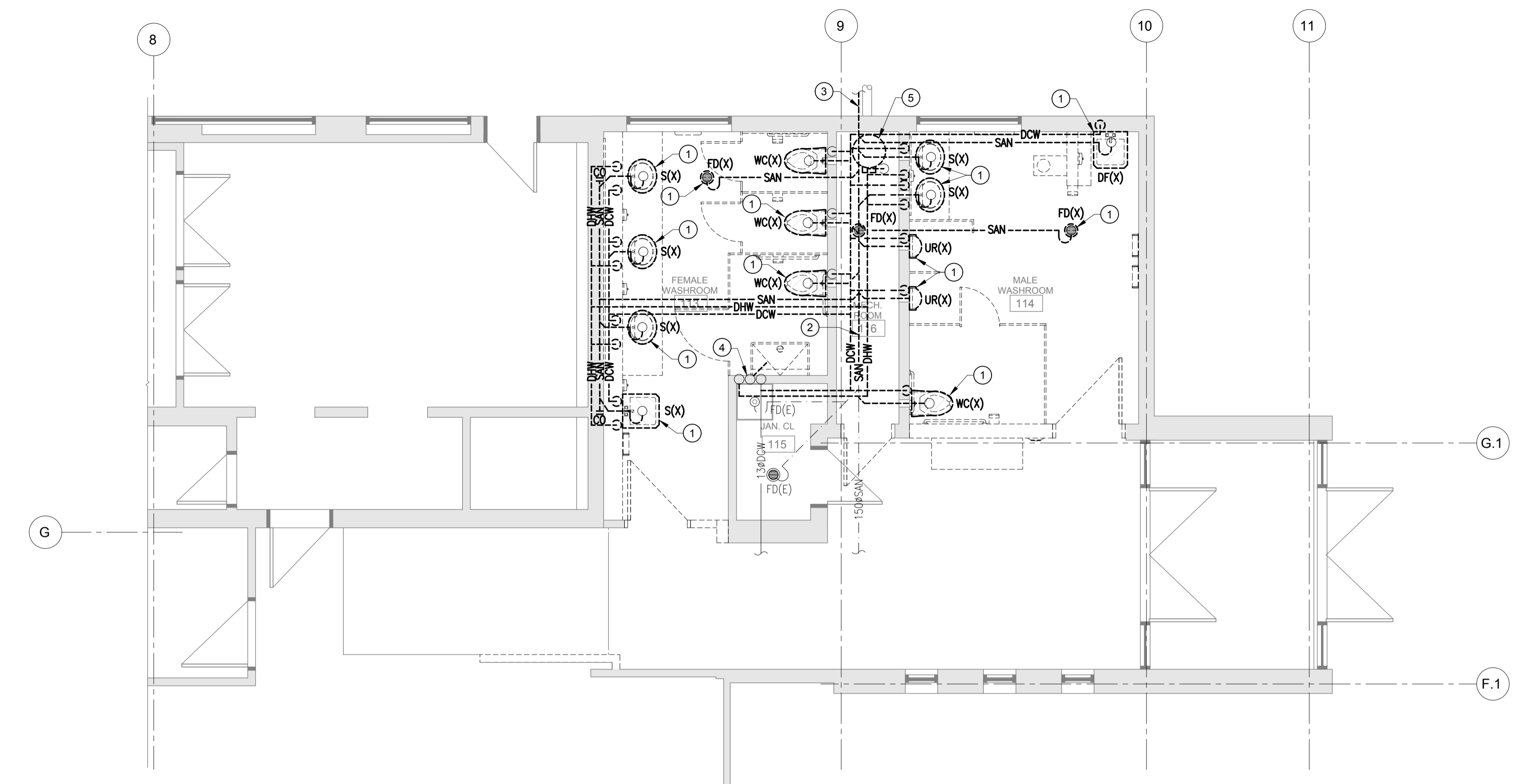
Drawing no. M100 / No. du dessin

GENERAL NOTES

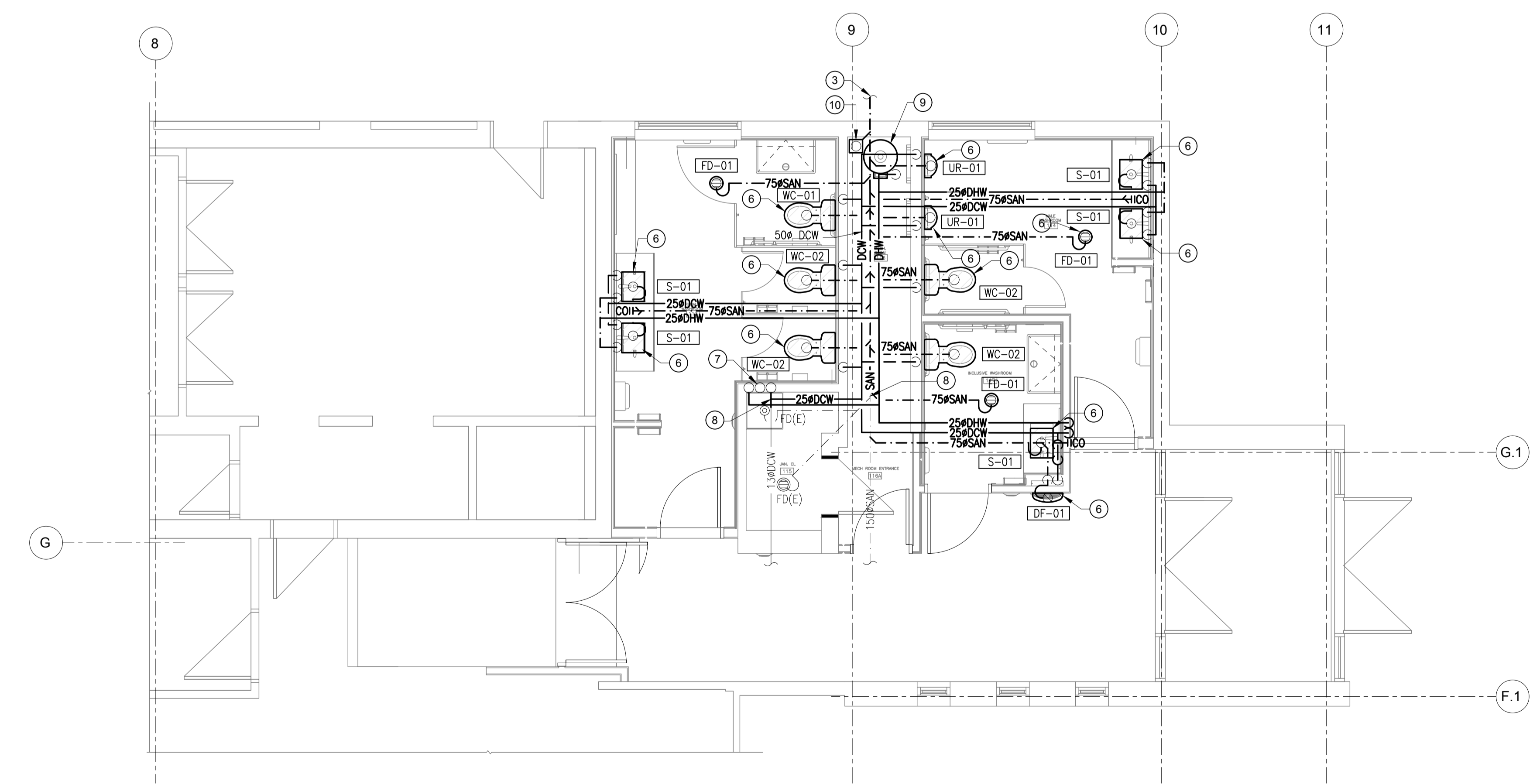
- DRAWINGS REPRESENT A GENERAL CONDITION. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LOCATIONS ON SITE.
- REPORT ANY CONFLICTING SITE CONDITIONS TO ENGINEER.
- ALL SURFACES DAMAGED DURING THE CONSTRUCTION PROCESS TO BE REPAIRED TO EXCEED OR MATCH EXISTING CONDITIONS.
- ALL WORK TO BE PERFORMED DURING REGULAR HOURS. ALL SHUT DOWNS SHALL TAKE PLACE AFTER HOURS AND SHALL BE COORDINATED WITH BUILDING REPRESENTATIVE.
- ALL PIPING SHALL BE SEISMICALLY RESTRAINED. PROVIDE SEISMIC SHOP DRAWING STAMPED BY PROFESSIONAL ENGINEER LICENCE IN THE PROVINCE OF ONTARIO. AFTER INSTALLATION.
- ANY SURPLUS BASE BUILDING MATERIALS ARE TO BE RETURNED TO THE LANDLORD.
- INSTALL ALL PRODUCTS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- REFER TO HAZARDOUS MATERIAL DOCUMENTS FOR REMOVAL SCOPE. MECHANICAL CONTRACTOR MUST COORDINATE ALL REMOVAL WORK WITH HAZARDOUS MATERIAL CONTRACTOR. RE-INSULATE ALL PIPES AFTER REMOVAL WORK.
- COORDINATE OPENING OF SLAB WITH THE GENERAL CONTRACTOR.
- TRAP PRIMER CONNECTION NOT SHOWN. REFER TO SPECIFICATIONS.
- WATER HAMMER ARRESTOR NOT SHOWN. REFER TO SPECIFICATIONS.
- CONTRACTOR MUST EXECUTE WORK WITH LEAST POSSIBLE INTERFERENCE OR DISTURBANCE TO NORMAL USE OF PREMISES. MAKE ARRANGEMENTS WITH DEPARTMENTAL REPRESENTATIVE TO FACILITATE WORK AS STATED.
- ANY WORK TO BE PERFORMED BY THE GENERAL CONTRACTOR AND/OR ITS SUB-CONTRACTORS GENERATING EXCESSIVE NOISE, ODORS AND/OR ANY KIND OF DISCOMFORT TO THE BUILDING USERS SHALL BE EXECUTED OUTSIDE OF BUILDING'S NORMAL BUSINESS HOURS, AT THE DISCRETION OF THE DEPARTMENTAL REPRESENTATIVE.

DRAWING NOTES: #

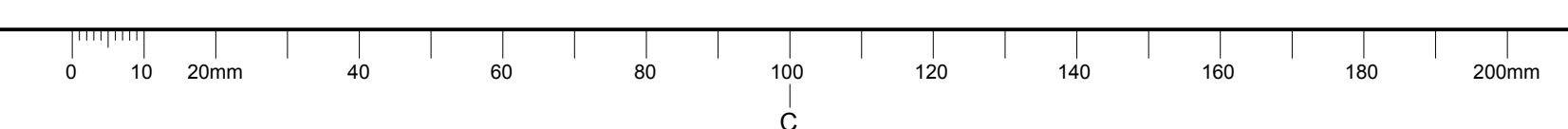
- MECHANICAL CONTRACTOR TO REMOVE EXISTING WATER CLOSETS, DRINKING FOUNTAINS, URINALS, FLOOR DRAINS & SINKS COMPLETE WITH DOMESTIC COLD WATER PIPE IN CEILING SPACE OF THIS FLOOR. CAP AND REMOVE EXISTING VENT LINE BACK TO CEILING SPACE OF THIS FLOOR. REMOVE ALL FLUSH VALVES C/W LOW VOLTAGE WIRING. MECHANICAL CONTRACTOR TO REMOVE ALL PIPING, INSULATION, HANGERS AND SUPPORT NOT BEING REUSED AS PART OF THIS CONTRACT.
- APPROXIMATE LOCATION OF EXISTING UNDERGROUND SANITARY PIPING. CONTRACTOR SHALL SCAN THE SLAB TO DETERMINE EXACT LOCATION OF EXISTING SERVICES PRIOR TO BEGINNING WORK. PROVIDE DETAILED REPORT FOR REVIEW BY DEPARTMENTAL REPRESENTATIVE. REPORT MUST INCLUDE MINIMALLY, SERVICES POSITION, DEPTH, TYPE. SLAB OPENING SHALL BE COORDINATED WITH GENERAL CONTRACTOR. CONTRACTOR SHALL REMOVE ALL EXISTING SANITARY PIPING AS INDICATED AND CAP.
- APPROXIMATE LOCATION OF SANITARY LEAVING THE BUILDING. CONTRACTOR TO REPLACE THE EXISTING 150# SANITARY PIPING 1000MM FROM THE BUILDING'S EDGE AND CONNECT TO THE CITY SANITARY LINE. (MATCH EXISTING INVERT) REFER TO CIVIL DRAWINGS FOR CONNECTION.
- REMOVE ASSOCIATED VENT PIPING UP TO ROOF TERMINATION.
- TEMPORARILY REMOVE EXISTING HOT WATER TANK TO ALLOW FOR TRENCHING AND SANITARY DRAINAGE PIPING REPLACEMENT. CONTRACTOR TO PROVIDE AND INSTALL A TEMPORARY HOT WATER TANK SUSPENDED ABOVE TO ALLOW FOR THE CONTINUAL OPERATION OF PLUMBING FIXTURES DURING CONSTRUCTION.
- TYPICAL: PROVIDE NEW PLUMBING FIXTURES (WATER CLOSETS, DRINKING FOUNTAINS, URINALS, FLOOR DRAINS & SINKS) AS INDICATED. REFER TO PROVIDE NEW DCW, DHW, SAN. RUN NEW COLD AND HOT WATER LINES DOWN IN WALL FROM CEILING SPACE OF THIS FLOOR TO PLUMBING FIXTURE. PROVIDE NEW VENT PIPING BACK TO EXISTING CONNECTION IN CEILING. REFER TO PLUMBING FIXTURE SCHEDULE AND DETAILS 1 AND 2/M200 FOR ADDITIONAL INFORMATION. REFER TO ARCHITECTURAL DRAWINGS FOR PLUMBING FIXTURES POSITION, ELEVATION AND SOAP DISPENSERS.
- PROVIDE NEW VENT PIPING UP TO ROOF TERMINATION.
- PROVIDE NEW 150# SANITARY (SLOPED 1:100) BELOW GRADE AS INDICATED. COORDINATE WITH GENERAL CONTRACTOR FOR TRENCHING. CONNECT EXISTING 150# SANITARY BACK TO NEW 150# SANITARY BELOW GRADE AS INDICATED.
- RE-INSTALL EXISTING HOT WATER TANK BACK TO ITS ORIGINAL POSITION AFTER TRENCHING IS COMPLETE AND PATCHED UP.
- PROVIDE CLEANOUT ON THE NEW MAIN SANITARY DRAINAGE PIPING PRIOR TO LEAVING BUILDING.

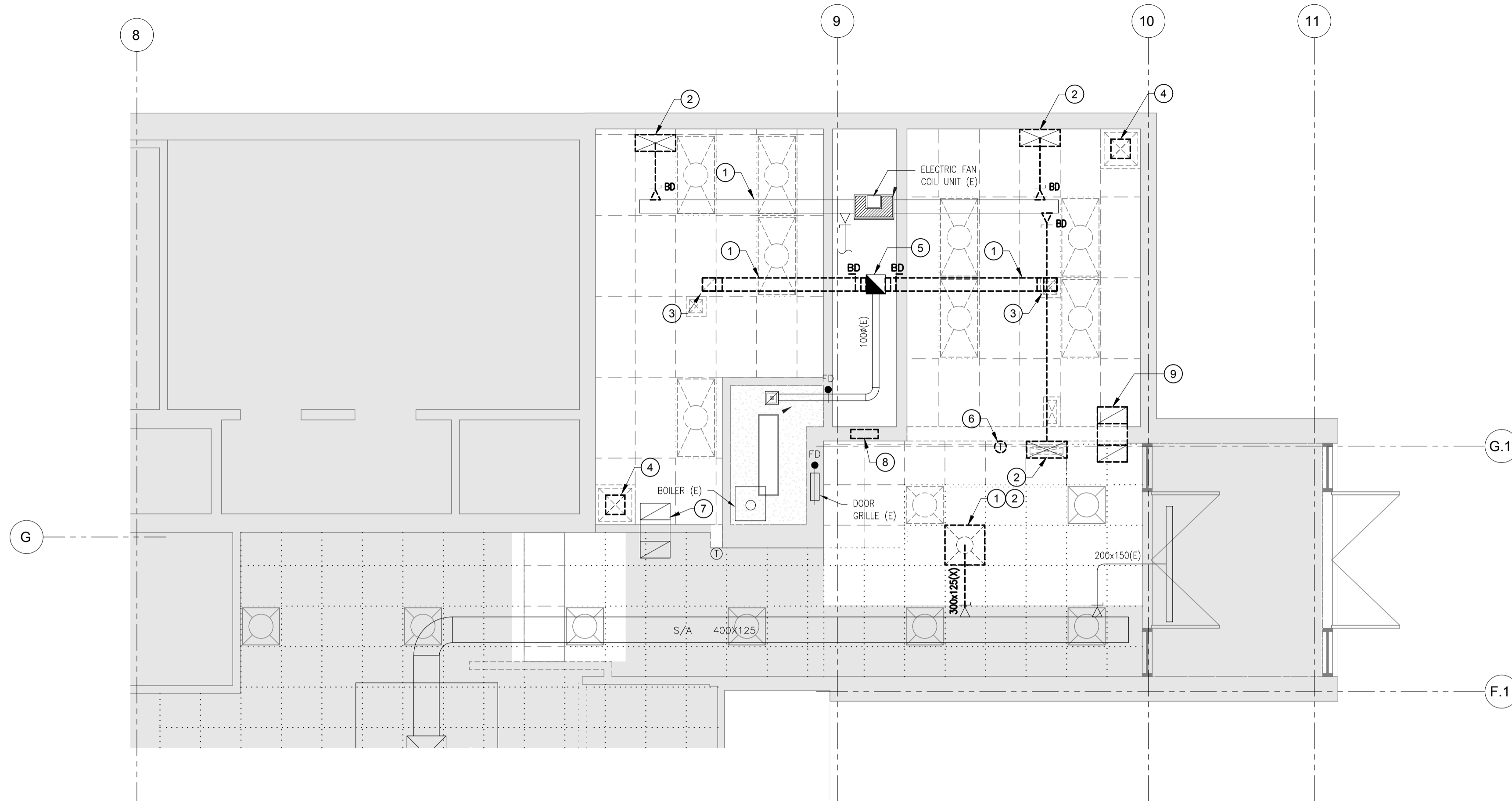


1 GROUND FLOOR - PLUMBING AND UTILITIES - DEMOLITION PLAN
M100 SCALE: 1:50

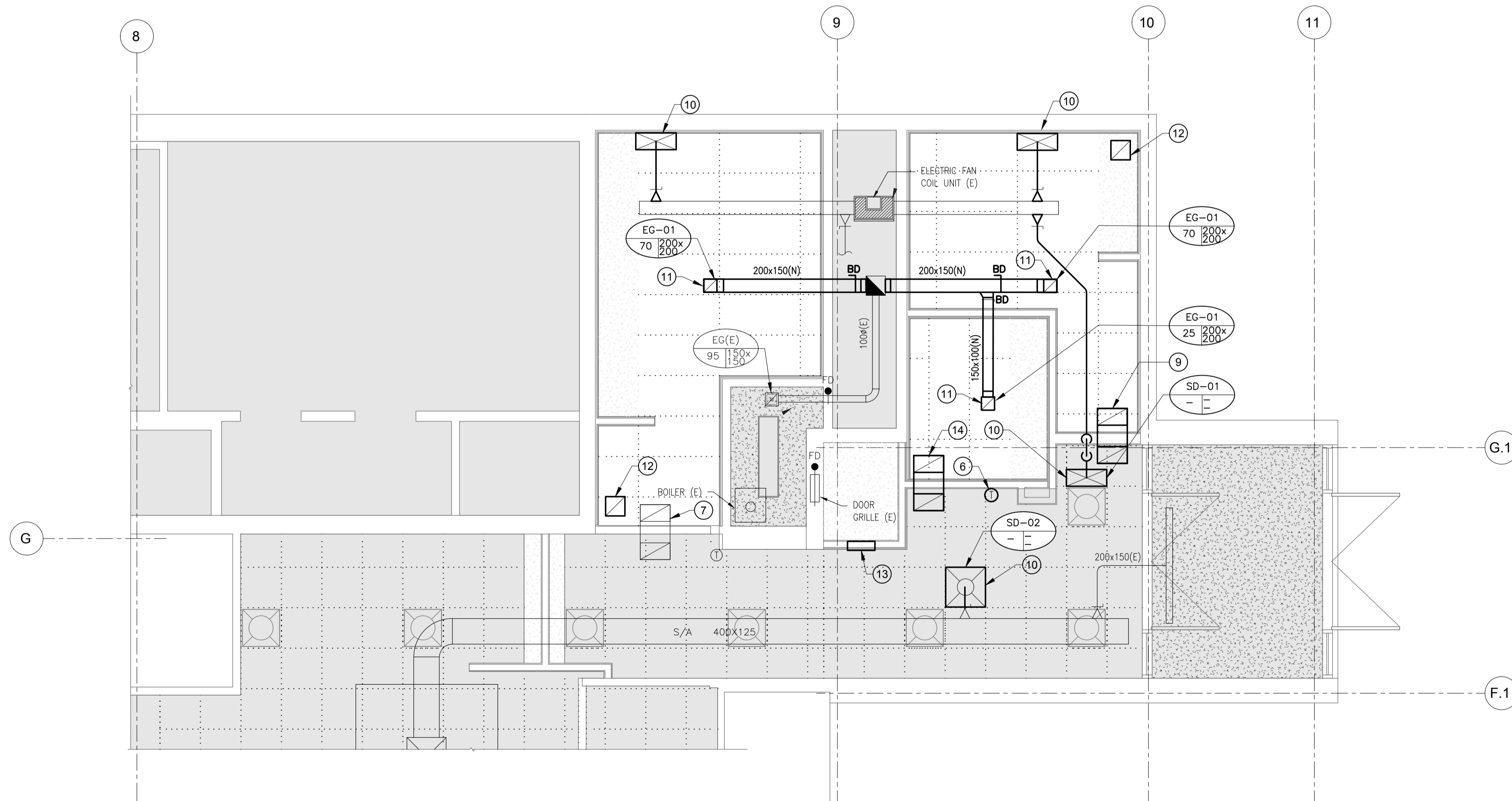


2 GROUND FLOOR - PLUMBING AND UTILITIES - NEW WORK PLAN
M100 SCALE: 1:50

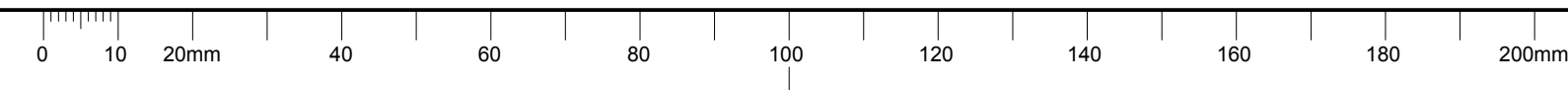




1 GROUND FLOOR - HVAC - DEMOLITION CEILING PLAN
 M101 SCALE: 1:50



2 GROUND FLOOR - HVAC - NEW WORK CEILING PLAN
 M101 SCALE: 1:50



GENERAL NOTES

- DRAWINGS REPRESENT A GENERAL CONDITION. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LOCATIONS ON SITE.
- REPORT ANY CONFLICTING SITE CONDITIONS TO ENGINEER.
- ALL SURFACES DAMAGED DURING THE CONSTRUCTION PROCESS TO BE REPAIRED TO EXCEED OR MATCH EXISTING CONDITIONS.
- ALL WORK TO BE PERFORMED DURING REGULAR HOURS. ALL SHUT DOWNS SHALL TAKE PLACE AFTER HOURS AND SHALL BE COORDINATED WITH BUILDING REPRESENTATIVE.
- ALL DUCTWORK SHALL BE SEISMICALLY RESTRAINED. PROVIDE SEISMIC SHOP DRAWING STAMPED BY PROFESSIONAL ENGINEER LICENCE IN THE PROVINCE OF ONTARIO, AFTER INSTALLATION.
- ANY SURPLUS BASE BUILDING MATERIALS ARE TO BE RETURNED TO THE LANDLORD.
- INSTALL ALL PRODUCTS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR MUST PROPERLY SUPPORT ALL EXISTING PIPING.
- CONTRACTOR MUST EXECUTE WORK WITH LEAST POSSIBLE INTERFERENCE OR DISTURBANCE TO NORMAL USE OF PREMISES. MAKE ARRANGEMENTS WITH DEPARTMENTAL REPRESENTATIVE TO FACILITATE WORK AS STATED.
- ANY WORK TO BE PERFORMED BY THE GENERAL CONTRACTOR AND/OR ITS SUB-CONTRACTORS GENERATING EXCESSIVE NOISE, ODORS AND/OR ANY KIND OF DISCOMFORT TO THE BUILDING USERS SHALL BE EXECUTED OUTSIDE OF BUILDING'S NORMAL BUSINESS HOURS, AT THE DISCRETION OF THE DEPARTMENTAL REPRESENTATIVE.

DRAWING NOTES: #

- CONTRACTOR SHALL PERFORM PRE-TAB ON EXISTING WASHROOM SUPPLY/EXHAUST PRIOR TO COMMENCEMENT OF DEMOLITION WORK. SUBMIT REPORT FOR REVIEW BY DEPARTMENTAL REPRESENTATIVE.
- REMOVE EXISTING SUPPLY AIR GRILLE C/W ASSOCIATED DUCTWORK AS INDICATED.
- REMOVE EXISTING EXHAUST GRILLE C/W ASSOCIATED DUCTWORK AS INDICATED.
- REMOVE EXISTING RETURN GRILLE C/W ASSOCIATED DUCTWORK AS INDICATED.
- EXISTING ROOF MOUNTED EXHAUST FAN "EF-01" ABOVE SHALL REMAIN. REMOVE AND REPLACE EXISTING FAN BELT/ PULLEYS AND RE-BALANCE.
- RELOCATE EXISTING THERMOSTAT TO LOCATION AS SHOWN AND EXTEND ASSOCIATED WIRING AS NECESSARY. MOUNT ALL THERMOSTATS AT A HEIGHT TO MATCH THAT OF EXISTING.
- EXISTING 450X450 TRANSFER AIR DUCT TO REMAIN IN CEILING SPACE OF THIS FLOOR.
- REMOVE EXISTING DOOR GRILLE.
- RELOCATE EXISTING TRANSFER DUCT TO COINCIDE WITH THE NEW STRUCTURAL BEAM INSTALLATION. REFER TO STRUCTURAL DRAWINGS FOR SIZE AND LOCATION.
- PROVIDE NEW SUPPLY AIR DIFFUSER C/W ASSOCIATED DUCTWORK AS INDICATED. CONNECT NEW DUCT TO EXISTING SUPPLY AIR DUCT MAIN IN CEILING SPACE OF THIS FLOOR AND EXTEND TO NEW DIFFUSER. BALANCE SUPPLY AIR DIFFUSER TO CAPACITIES MEASURED IN PRE-TAB. SUBMIT REPORT FOR ENGINEERS REVIEW. REFER TO GRILLE AND DIFFUSER SCHEDULE FOR MORE INFORMATION. RE-BALANCE ALL ASSOCIATED DUCT SYSTEMS TO SUIT THE AIR QUANTITIES ON THE PRE-TAB REPORT.
- PROVIDE NEW EXHAUST GRILLE C/W ASSOCIATED DUCTWORK AS INDICATED. BALANCE SUPPLY EXHAUST GRILLE TO CAPACITIES MEASURED IN PRE-TAB. SUBMIT REPORT FOR ENGINEERS REVIEW. REFER TO GRILLE AND DIFFUSER SCHEDULE FOR MORE INFORMATION. RE-BALANCE ALL ASSOCIATED DUCT SYSTEMS TO SUIT THE AIR QUANTITIES ON THE PRE-TAB REPORT.
- PROVIDE NEW RETURN GRILLE "RG-01" C/W ASSOCIATED DUCTWORK AS INDICATED. REFER TO GRILLE AND DIFFUSER SCHEDULE FOR MORE INFORMATION.
- PROVIDE NEW DOOR GRILLE "DG-01". REFER TO GRILLE AND DIFFUSER SCHEDULE FOR ADDITIONAL INFORMATION.
- PROVIDE NEW ACOUSTICALLY LINED "U-SHAPED" TRANSFER DUCT AS INDICATED. REFER TO DETAIL 3/M200 SIZING AND ADDITIONAL DETAILS.

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stamp / estampille
 M. LATUICHE
 10022840
 PROVINCE OF ONTARIO
 2019-03-29

P.N.
 P.N.-PROJECT NORTH
 NORD DU PROJET
 T.N.-TRUE NORTH
 NORD GEOGRAPHIQUE

key plan / plan clé

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

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01	ISSUED FOR TENDER	2019/04/01
revisions	description	date

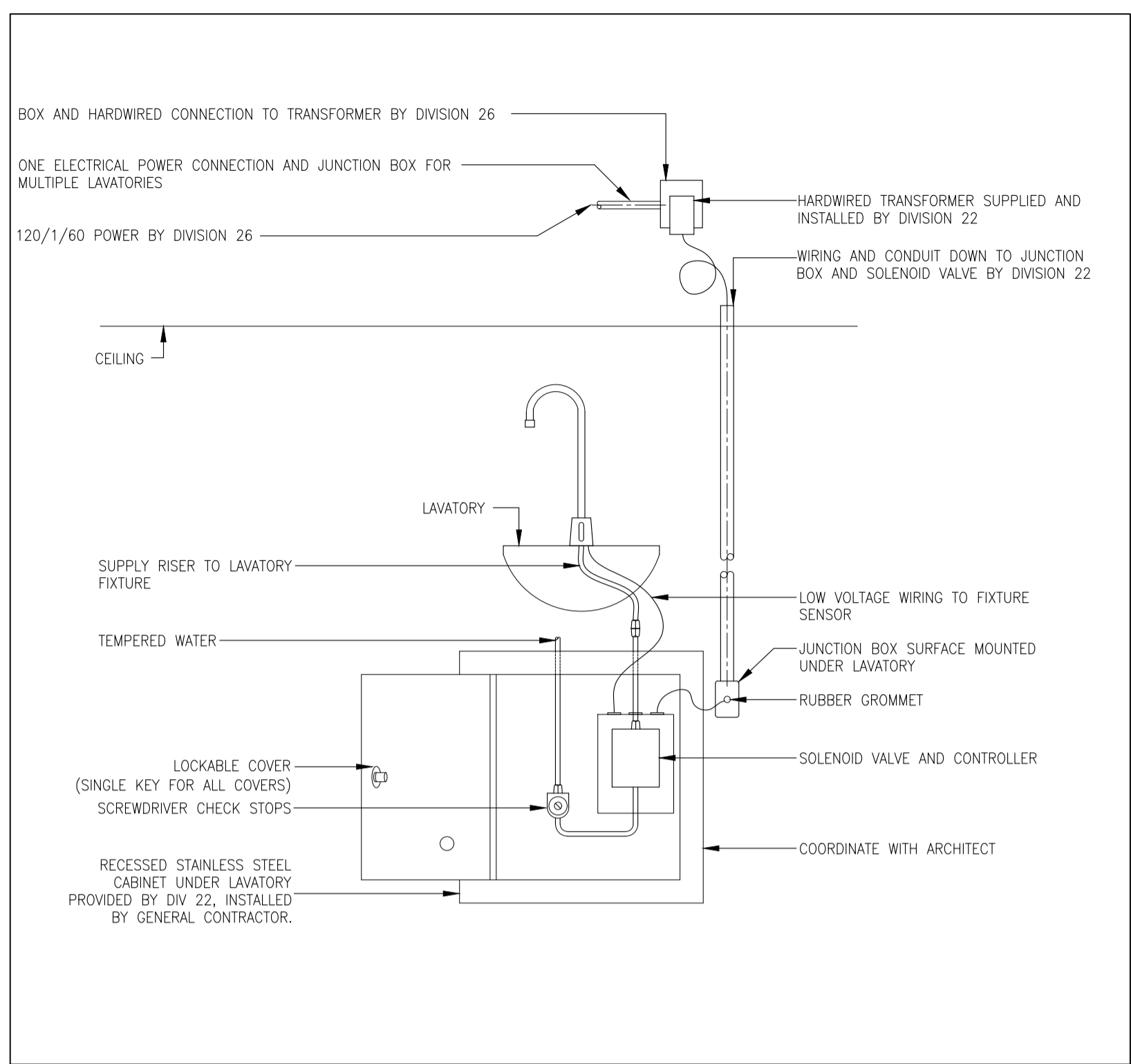
Project: FORT WELLINGTON WASHROOM FIT-UP

Project: FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

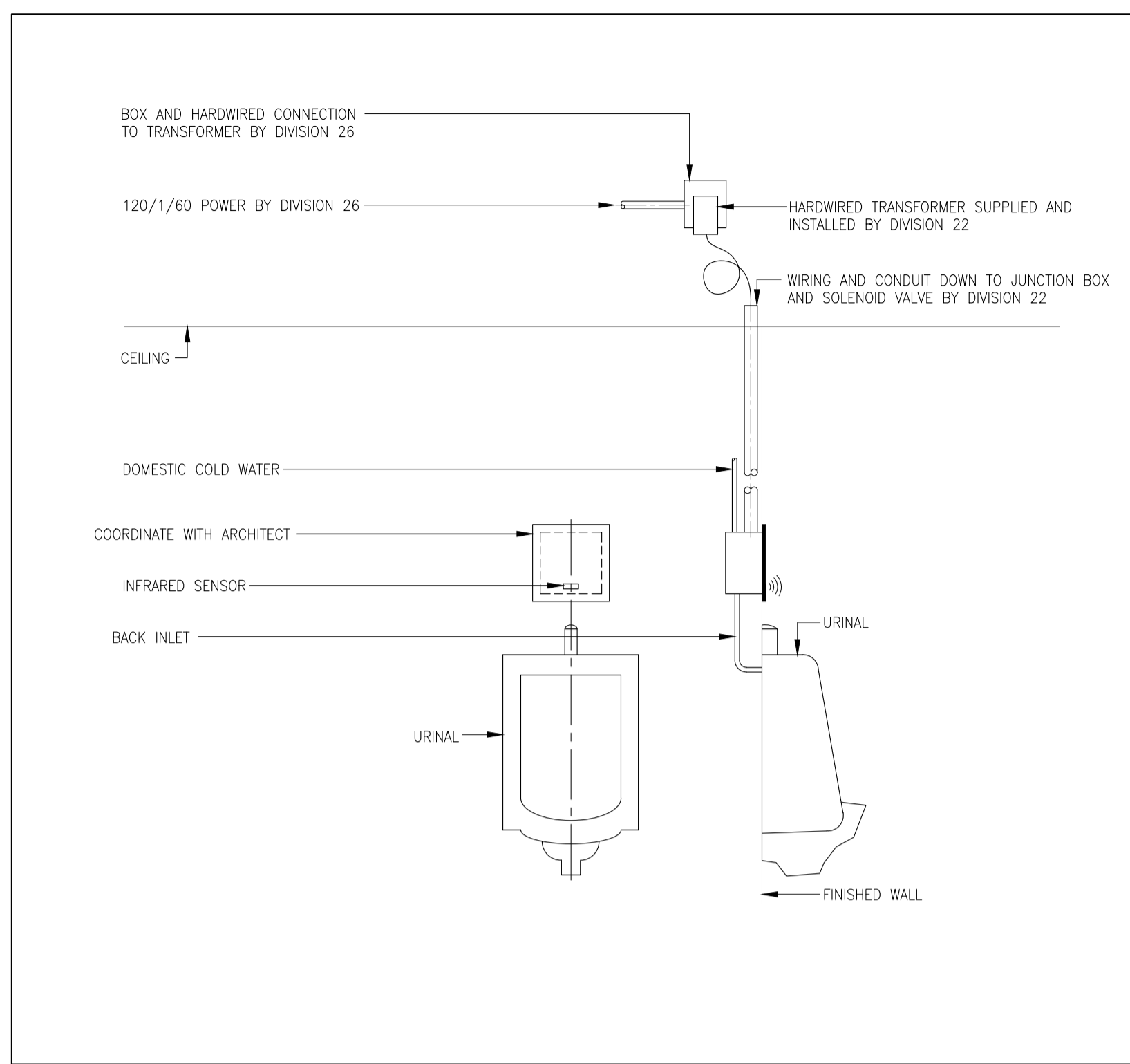
Drawing: MECHANICAL - HVAC PLAN

Designed By	M.L./ A.C.	Conçu par
Date	01/07/19	(yyyy/mm/dd)
Drawn By	A.C.	Dessiné par
Date	01/07/19	(yyyy/mm/dd)
Reviewed By	F.A.	Examiné par
Date	01/07/19	(yyyy/mm/dd)
Approved By	M.L.	Approuvé par
Date	01/07/19	(yyyy/mm/dd)
Tender		Soumission
Project Manager	MARIA OFFIN Administrateur de projets	
Project no.	45410902	No. du projet
Drawing no.	M101	No. du dessin

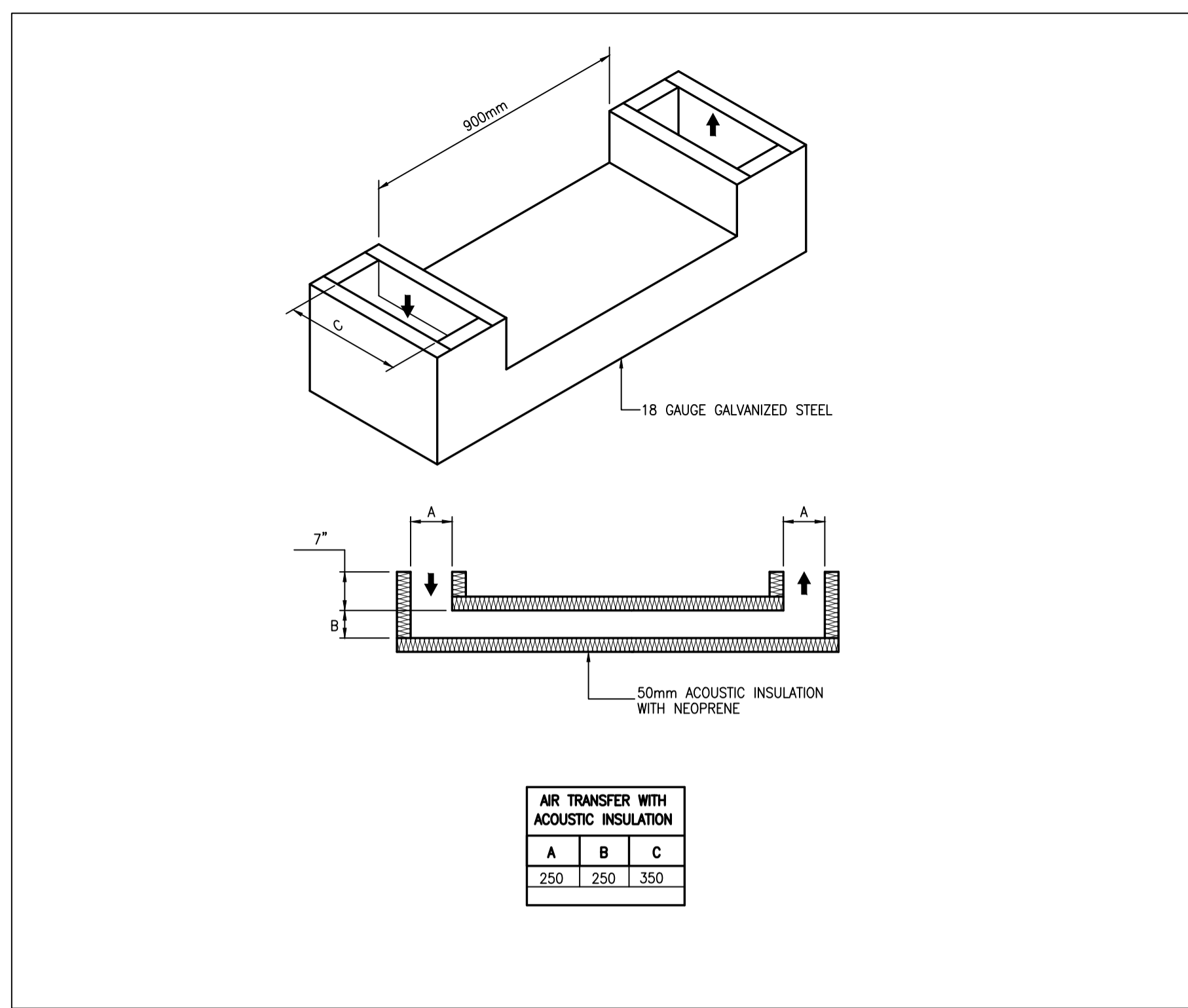
AT 59k x 84t



1 INSTALLATION DETAIL FOR ELECTRONIC LAVATORY FAUCET
SCALE: N.T.S.



2 INSTALLATION DETAIL FOR ELECTRONIC URINAL FLUSH VALVE
SCALE: N.T.S.



3 'U-SHAPED' TRANSFER DUCT DETAIL
SCALE: N.T.S.

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SNC Project #660670

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M. LATOUCHE
LICENSED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO
2019-03-29

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key plan plan clé

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01 ISSUED FOR TENDER 2019/04/01

revisions description date

A detail no. / no du detail
B location drawing no. / sur dessin no.
C drawing no. / dessin no.

Project FORT WELLINGTON WASHROOM FIT-UP

FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing DETAILS

Designed By M.L./ A.C. Conçu par
Date 01/07/19 (yyyy/mm/dd)

Drawn By A.C. Dessiné par
Date 01/07/19 (yyyy/mm/dd)

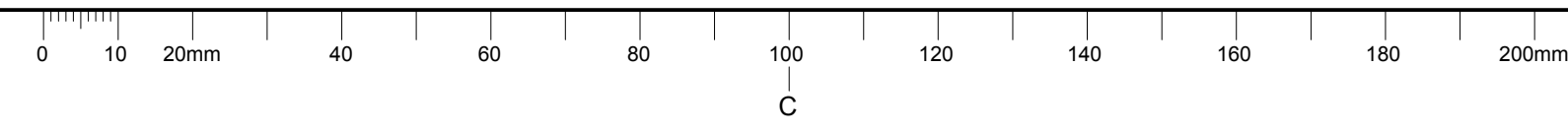
Reviewed By F.A. Examiné par
Date 01/07/19 (yyyy/mm/dd)

Approved By M.L. Approuvé par
Date 01/07/19 (yyyy/mm/dd)

Tender Soumission
Project Manager MARIA OFFIN Administrateur de projets

Project no. 45410902 No. du projet

Drawing no. M200 No. du dessin



AT 594 x 841

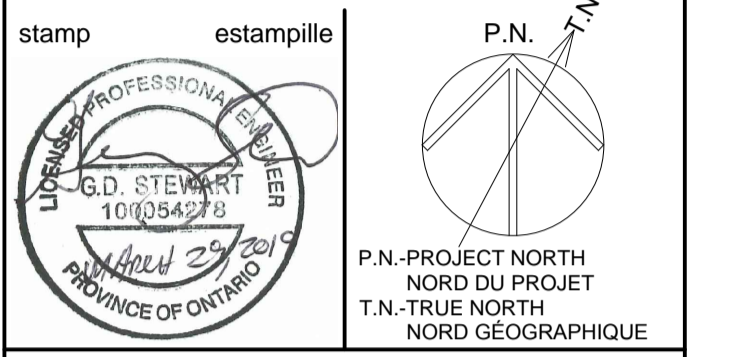
45410902 - FORT WELLINGTON WASHROOM FIT-UP - ELECTRICAL



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key plan plan clé

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01	ISSUED FOR TENDER	2019/04/01
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revisions	description	date
A	A detail no. no du détail	A
B	B location drawing no. sur dessin no.	B C
C	C drawing no. dessin no.	

Project **FORT WELLINGTON WASHROOM FIT-UP** Projet
FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing **LEGEND, DRAWING LIST & SCHEDULES** Dessin

Designed By **J.O.P.** Conçu par
Date **19/01/24** (yyyy/mm/dd)

Drawn By **J.O.P.** Dessiné par
Date **19/01/24** (yyyy/mm/dd)

Reviewed By **C.C.** Examiné par
Date **19/01/24** (yyyy/mm/dd)

Approved By **G.S.** Approuvé par
Date **19/01/24** (yyyy/mm/dd)

Tender **MARIA OFFIN** Soumission

Project Manager **Administrateur de projets**

Project no. **45410902** No. du projet

Drawing no. **E000** No. du dessin

EXISTING PANEL 'B'		MAINS: 225 AMPS SURFACE MOUNTING:		LOCATION: OFFICE 112 IT CLOSET	
NOTES	DESCRIPTION	BREAKER	CIRCUITS	BREAKER	DESCRIPTION
-	-	-	1	2	-
-	-	-	3	4	-
-	-	-	5	6	-
-	-	-	7	8	-
-	-	-	9	10	-
-	-	-	11	12	-
-	-	-	13	14	-
-	-	-	15	16	-
-	-	-	17	18	-
-	-	-	19	20	-
-	-	-	21	22	-
-	-	-	23	24	-
-	-	-	25	26	-
-	-	-	27	28	-
-	-	-	29	30	-
-	-	-	31	32	-
-	-	-	33	34	-
-	-	-	35	36	-
-	-	-	37	38	-
-	-	-	39	40	-
-	-	-	41	42	-
-	-	-	43	44	-
-	-	-	45	15A	WOMEN'S W/R LV TX/REC./SOAP DISP. 1
-	-	-	47	15A	MEN'S W/R LV TX/REC./SOAP DISP. 1
-	-	-	49	15A	UNIV. W/R LV TX/EM CALL/BF OPERATOR/SOAP DISP. 1
-	-	-	51	15A	EMERGENCY BATTERY UNIT EBU-1 1
-	-	-	53	15A	DRINKING FOUNTAIN 1
-	-	-	55	25A	WOMEN'S WASHROOM HD 1
-	-	-	57	25A	WOMEN'S WASHROOM HD 1
-	-	-	59	25A	MEN'S WASHROOM HD 1
-	-	-	61	25A	MEN'S WASHROOM HD 1
-	-	-	63	25A	UNIVERSAL WASHROOM HD 1
-	-	-	65	15A	FIRE ALARM NAC EXPANDER (BOOSTER) 1,2
-	-	-	67	-	-
-	-	-	69	-	-
-	-	-	71	-	-

1. PROVIDE NEW BREAKER AS INDICATED, I.C. RATING TO MATCH EXISTING.
2. PAINT BREAKER RED.

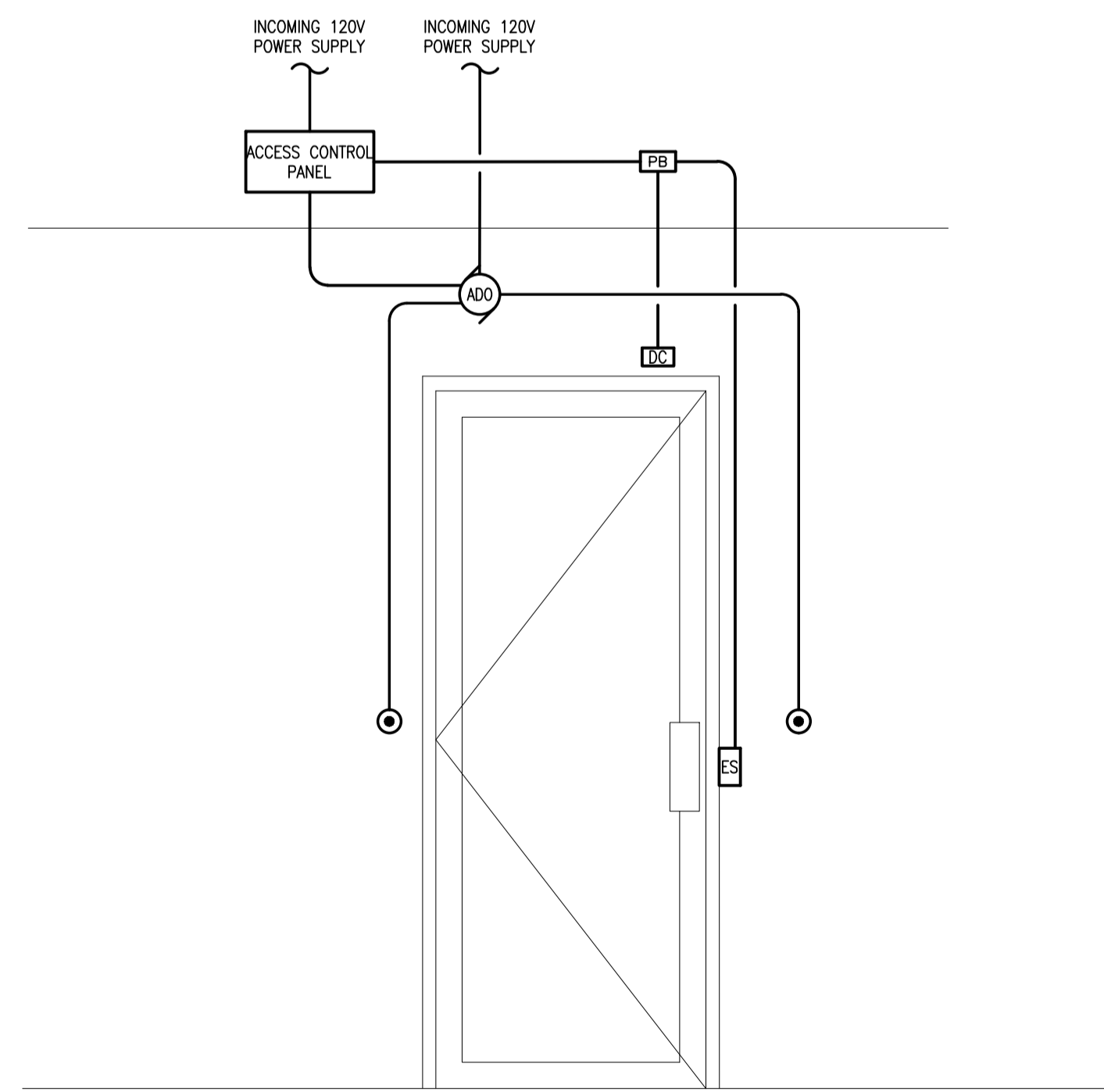
DRAWING LIST	
DRAWING NO.	DRAWING NAME
E000	LEGEND, DRAWING LIST & SCHEDULES
E100	GROUND FLOOR LIGHTING & FIRE ALARM
E200	GROUND FLOOR POWER & SYSTEMS

ABBREVIATION LEGEND	
GFI	GROUND FAULT INTERRUPTER
HD	HAND DRYER
LV TX	LOW VOLTAGE FLUSH VALVE TRANSFORMER
SD	ELECTRONIC SOAP DISPENSER

LINE TYPE LEGEND	
LINE TYPE	DESCRIPTION
————	NEW WORK
————	EXISTING/NOT IN CONTRACT
-----	DEMOLITION

LIGHTING & FIRE ALARM LEGEND	
	CEILING MOUNTED POT LIGHT FIXTURE - TYPE AS INDICATED
	1220mm X 610mm LIGHT FIXTURE - TYPE AS INDICATED
	610mm X 610mm LIGHT FIXTURE - TYPE AS INDICATED
	STRIP LIGHT FIXTURE - TYPE AS INDICATED
	PICTOGRAM EXIT SIGN, CEILING OR WALL MOUNTED RESPECTIVELY C/W FACES & ARROWS AS INDICATED
	EMERGENCY BATTERY UNIT C/W DUAL HEADS
	TOGGLE SWITCH WITH ONE, TWO OR THREE-GANG COVERPLATE RESPECTIVELY
	CEILING MOUNTED OCCUPANCY SENSOR
	WALL MOUNTED OCCUPANCY SENSOR
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM HORN
	FIRE ALARM COMBINATION HORN/STROBE LIGHT
	FIRE ALARM INTELLIGENT NAC EXPANDER (BOOSTER)

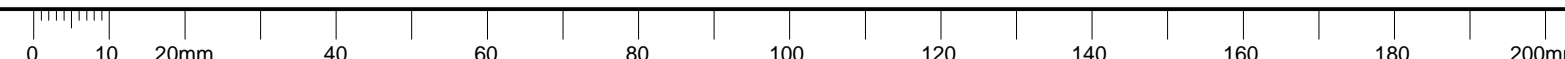
POWER & SYSTEMS LEGEND	
	5-15R DUPLEX RECEPTACLE
	5-15R OR 5-20R DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER OR AT NON-STANDARD MOUNTING HEIGHT. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS.
	DISCONNECT SWITCH, FRAME & FUSE TRIP RATING AS NOTED
	SURFACE MOUNTED ELECTRICAL PANEL - PLAN VIEW
	PUSH BUTTON
	JUNCTION BOX
	HARDWIRE CONNECTION
	MOTOR RATED SWITCH C/W PILOT LIGHT & LOCKABLE TABS
	SINGLE PHASE MOTOR
	BASEBOARD HEATER - WATTAGE AS INDICATED
	BLANK DATA OUTLET
	WALL MOUNTED VISUAL & AUDIBLE ALARM FOR UNIVERSAL WASHROOM
	LOW VOLTAGE TRANSFORMER FOR UNIVERSAL WASHROOM DEVICES
	PULL BOX 250mmX250mmX105mm
	ELECTRIC STRIKE ROUGH-IN - DEVICES AND WIRING BY GENERAL CONTRACTOR
	ACCESS CONTROL PANEL - DEVICES AND WIRING BY GENERAL CONTRACTOR
	DOOR CONTACT ROUGH-IN - DEVICES AND WIRING BY GENERAL CONTRACTOR
REFERENCE TAG	
	DETAIL NUMBER
	SHEET NUMBER

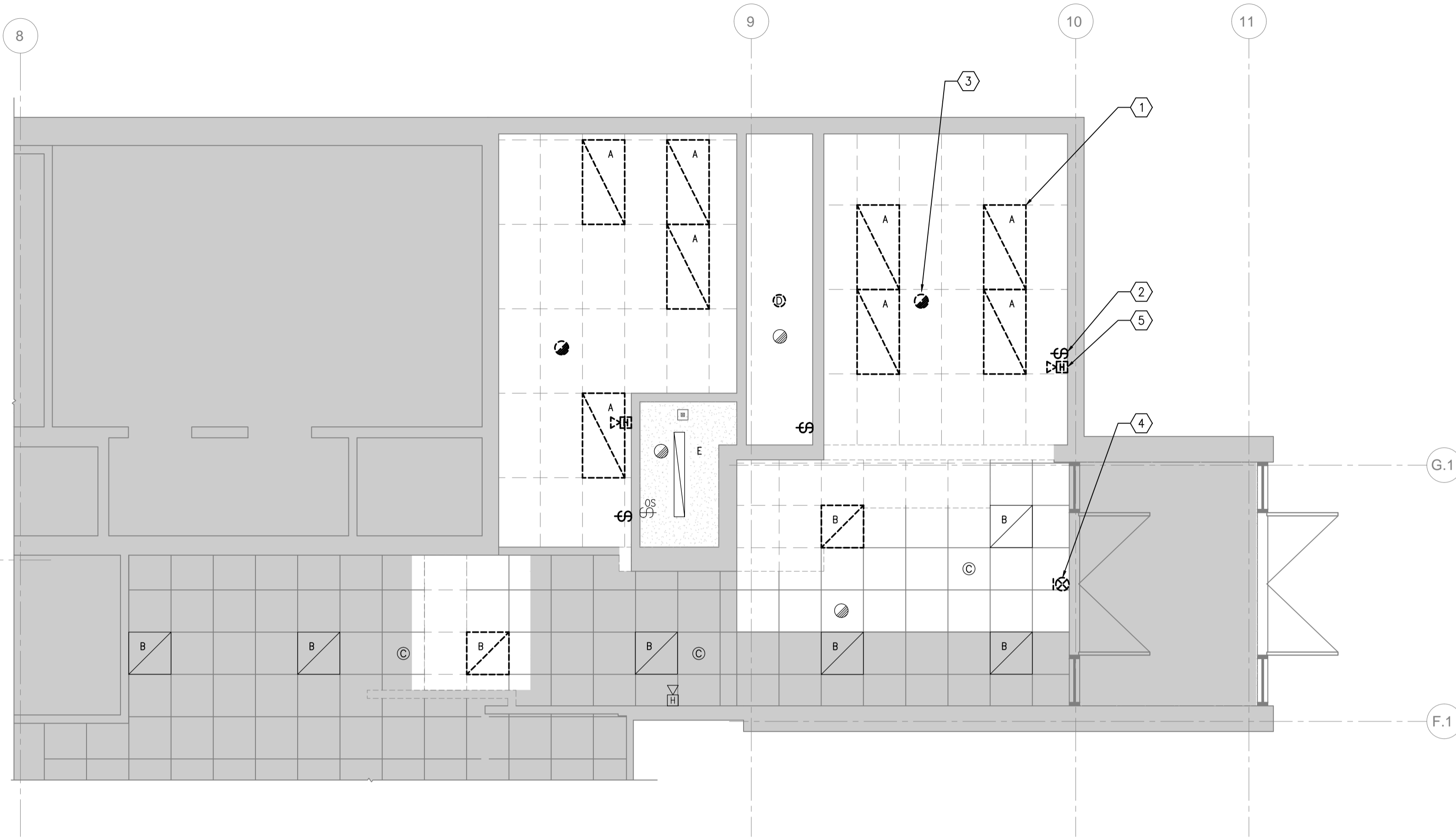


NOTE: DOOR SECURITY DEVICES TO BE PROVIDED BY GENERAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE 120V CIRCUITS, PULL BOX AND CONDUITS C/W BUSHING AND PULLING STRING AS SHOWN. COORDINATE WORK WITH DOOR INSTALLATION AND SECURITY CONTRACTOR (UNDER GENERAL CONTRACTOR).

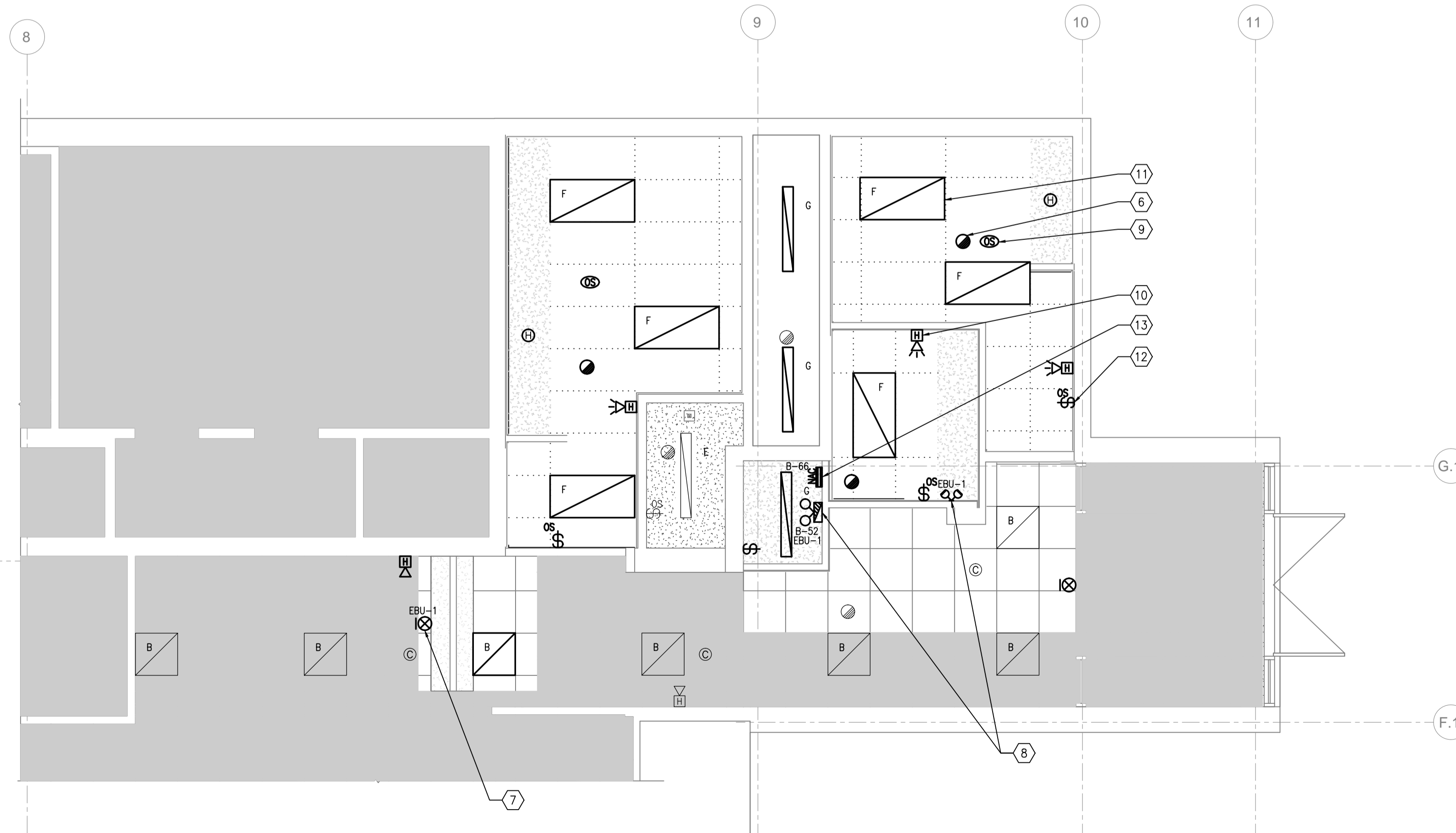
UNIVERSAL WASHROOM DOOR ELEVATION ROUGH-IN DETAIL
SCALE: N.T.S.

LIGHT FIXTURE SCHEDULE								
FIXTURE IDENTIFIER	FIXTURE DESCRIPTION	TYPE OF LAMP	WATTAGE	LUMENS/WATT	VOLTAGE	COLOUR TEMPERATURE	MOUNTING	SPECIAL NOTES
A	EXISTING 610mm X 1220mm LIGHT FIXTURE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	T-BAR	
B	EXISTING 610mm X 610mm LIGHT FIXTURE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	T-BAR	
C	EXISTING ROUND ADJUSTABLE HEAD DOWN LIGHT	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	T-BAR	
D	EXISTING ROUND DOWN LIGHT	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SURFACE	
E	EXISTING 1220mm STRIP LIGHT	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	SUSPENDED	
F	NEW 610mm X 1220mm LED RECESSED TROFFER WITH ACRYLIC LENS, 0-10V DIMMING DRIVER, 3880 LUMENS, 85CRI, DLC STANDARD, DIE FORMED HOUSING, ACRYLIC PRISMATIC LENS, DAMP LOCATION LISTED.	LED	30.6	127	120V	3500K	T-BAR	
G	NEW 1220mm LED STRIP LIGHT, DLC RATED, COVER AND END PLATES ARE FORMED FROM COLD ROLLED STEEL, POST PAINTED WITH HIGH REFLECTIVE PAINT FINISH, FROST LENS, 0-10V DIMMING DRIVER.	LED	41	115	120V	3500K	SURFACE	
H	NEW 105mm ROUND LED POTLIGHT LIGHT, WHITE FLANGE AND REFLECTOR, ACRYLIC LENS, 1000 LUMENS	LED	11	90	120V	3500K	RECESSED	



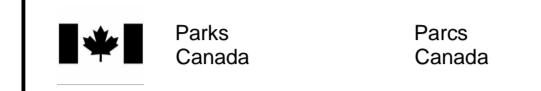


1 GROUND FLOOR DEMOLITION LIGHTING
SCALE: 1:50



2 GROUND FLOOR NEW LIGHTING
SCALE: 1:50

- DRAWING NOTES:**
- TYPICAL:** DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE C/W WIRING AND CONDUIT BACK TO SOURCE JUNCTION BOX. RETAIN CIRCUIT FOR USE IN NEW CONSTRUCTION.
 - TYPICAL:** DISCONNECT AND REMOVE EXISTING LIGHT SWITCH C/W WIRING AND CONDUIT BACK TO SOURCE.
 - TYPICAL:** DISCONNECT AND REMOVE EXISTING FIRE ALARM SMOKE DETECTOR C/W REDUNDANT WIRING AND CONDUIT. ENSURE EXISTING TO REMAIN FIRE ALARM CIRCUITS ARE CONTINUOUS.
 - DISCONNECT AND REMOVE EXISTING EXIT SIGN. RETAIN CIRCUIT FOR USE IN NEW CONSTRUCTION.
 - TYPICAL:** DISCONNECT AND REMOVE EXISTING FIRE ALARM HORN.
 - TYPICAL:** PROVIDE NEW FIRE ALARM SMOKE DETECTOR C/W WIRING AND CONDUIT AND TIE INTO EXISTING CIRCUIT.
 - TYPICAL:** PROVIDE NEW EXIT SIGN AND CONNECT TO EXISTING 120V EXIT SIGN CIRCUIT AND NEW EMERGENCY BATTERY UNIT.
 - PROVIDE NEW EMERGENCY BATTERY UNIT AND REMOTE HEADS. CONNECT TO NEW 15A, 120V CIRCUIT. CONNECT NEW REMOTE HEADS TO NEW EMERGENCY BATTERY UNIT.
 - TYPICAL:** PROVIDE NEW CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR AND CONNECT TO FIXTURES WITHIN SPACE.
 - TYPICAL:** PROVIDE NEW COMBINATION FIRE ALARM HORN/STROBE C/W WIRING AND CONDUIT AND TIE INTO NEW INTELLIGENT NAC EXPANDER.
 - TYPICAL:** PROVIDE NEW LIGHT FIXTURE, TYPE AS INDICATED, C/W WIRING AND CONDUIT TO EXISTING LIGHT FIXTURE CIRCUITS WITHIN CEILING SPACE.
 - TYPICAL:** PROVIDE NEW WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR AND CONNECT TO FIXTURES WITHIN SPACE.
 - PROVIDE NEW INTELLIGENT NAC EXPANDER (BOOSTER) C/W 120V, 15A CIRCUIT AND TIE INTO EXISTING INITIATING CIRCUIT.



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01	ISSUED FOR TENDER	2019/04/01
revisions	description	date

A detail no. / no du détail
B location drawing no. / sur dessin no.
C drawing no. / dessin no.

Project **FORT WELLINGTON WASHROOM FIT-UP** Projet

FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing **GROUND FLOOR LIGHTING & FIRE ALARM** Dessin

Designed By J.O.P. 19/01/24 Conçu par (yyyy/mm/dd)

Drawn By J.O.P. 19/01/24 Dessiné par (yyyy/mm/dd)

Reviewed By C.C. 19/01/24 Examiné par (yyyy/mm/dd)

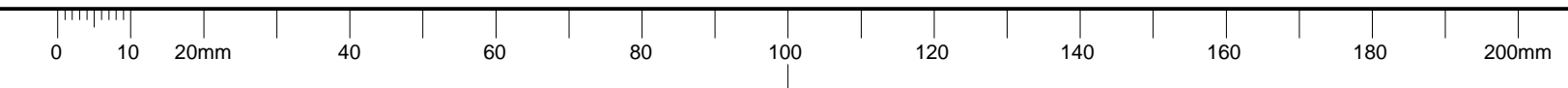
Approved By G.S. 19/01/24 Approuvé par (yyyy/mm/dd)

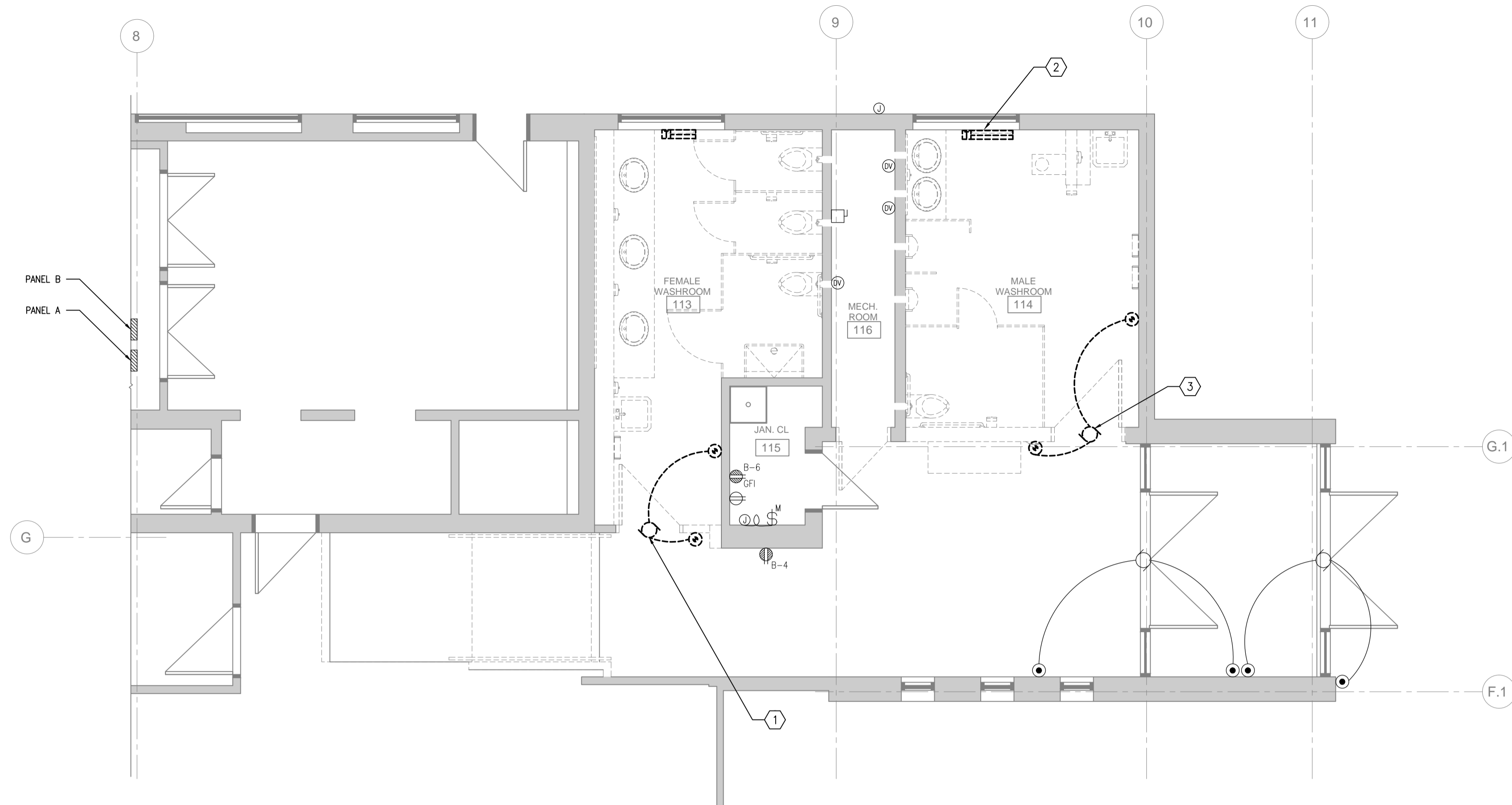
Tender MARIA OFFIN Soumission

Project Manager Administrateur de projets

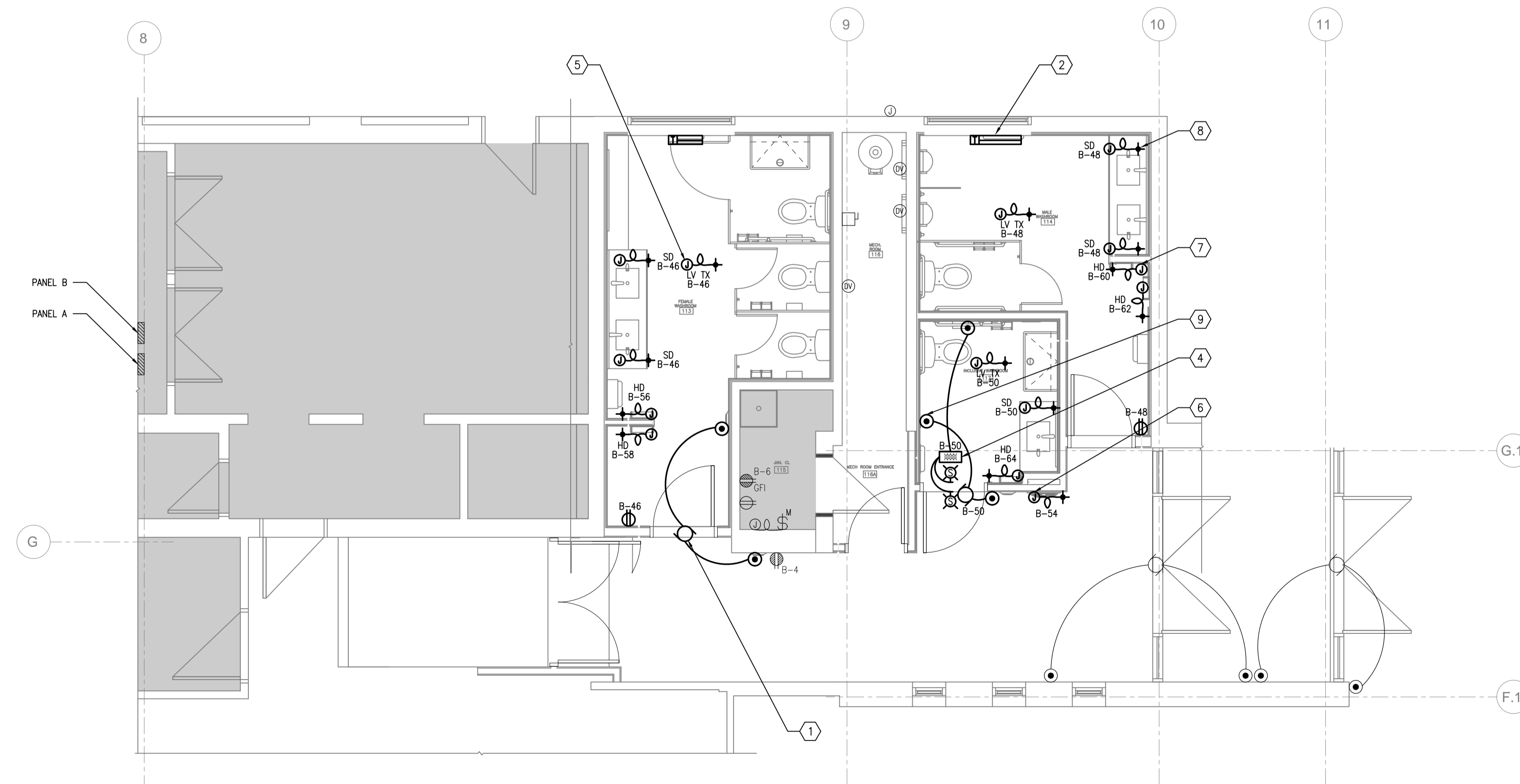
Project no. 45410902 No. du projet

Drawing no. E100 No. du dessin





1 GROUND FLOOR
DEMOLITION POWER & SYSTEMS
SCALE: 1:50



2 GROUND FLOOR
NEW POWER & SYSTEMS
SCALE: 1:50

DRAWING NOTES:

- DISCONNECT BARRIER FREE OPERATOR TO MAKE WAY FOR ARCHITECTURAL REVISIONS. RECONNECT BARRIER FREE OPERATOR ONCE ARCHITECTURAL WORK HAS BEEN COMPLETED.
- TYPICAL: DISCONNECT AND REMOVE BASEBOARD HEATER. TO BE REINSTATED IN NEW WORK.
- DISCONNECT EXISTING BARRIER FREE OPERATOR AND REMOVE WIRING AND CONDUIT BACK TO SOURCE PANEL AND MAKE SAFE.
- PROVIDE NEW UNIVERSAL WASHROOM EMERGENCY CALL SYSTEM C/W ALL ACCESSORIES AND 120V CIRCUIT.
- TYPICAL: PROVIDE NEW 120V, 15A CIRCUIT C/W WIRING, CONDUIT, AND FINAL CONNECTION TO LOW VOLTAGE FLUSH VALVE TRANSFORMER. FLUSH VALVE TRANSFORMER SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR. COORDINATE ON SITE FOR FINAL LOCATION.
- PROVIDE NEW 120V, 15A CIRCUIT C/W FINAL CONNECTION TO NEW WATER FOUNTAIN. CONDUIT TO BE PROVIDED WIRED BY CONTRACTOR.
- TYPICAL: PROVIDE NEW CIRCUIT C/W FINAL CONNECTION TO NEW HAND DRYERS. HAND DRYERS SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. COORDINATE ON SITE WITH GENERAL CONTRACTOR FOR FINAL LOCATIONS, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS.
- TYPICAL: PROVIDE NEW CIRCUIT C/W FINAL CONNECTION TO NEW ELECTRONIC SOAP DISPENSERS. SOAP DISPENSERS SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR. COORDINATE ON SITE WITH GENERAL CONTRACTOR FOR FINAL LOCATIONS, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS.
- PROVIDE NEW 15A, 120V CIRCUIT FOR POWER DOOR OPERATOR AS INDICATED. REFER TO PANEL SCHEDULES FOR FURTHER DETAILS.



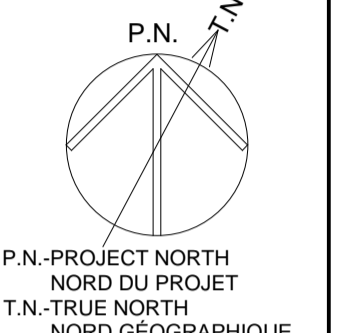
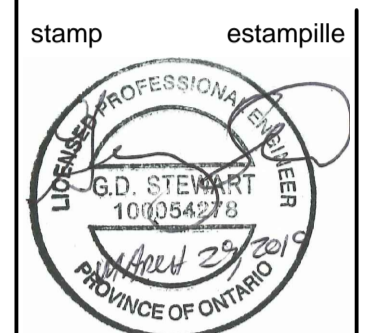
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revisions	description	date
A	A detail no. no du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

Project: FORT WELLINGTON WASHROOM FIT-UP

FORT WELLINGTON NATIONAL HISTORIC SITE, PRESCOTT ONTARIO

Drawing: GROUND FLOOR POWER & SYSTEMS

Designed By: J.O.P. 19/01/24 / Conçu par (yyyy/mm/dd)

Drawn By: J.O.P. 19/01/24 / Dessiné par (yyyy/mm/dd)

Reviewed By: C.C. 19/01/24 / Examiné par (yyyy/mm/dd)

Approved By: G.S. 19/01/24 / Approuvé par (yyyy/mm/dd)

Tender: MARIA OFFIN / Soumission

Project Manager: Administrateur de projets

Project no.: 45410902 / No. du projet

Drawing no.: E200 / No. du dessin