

POINT PELEE NATIONAL PARK OF CANADA CAMP HENRY RENEWAL

LEAMINGTON, ONTARIO

FOR TENDER
february 10th, 2017



services intégrés lemay et associés inc.

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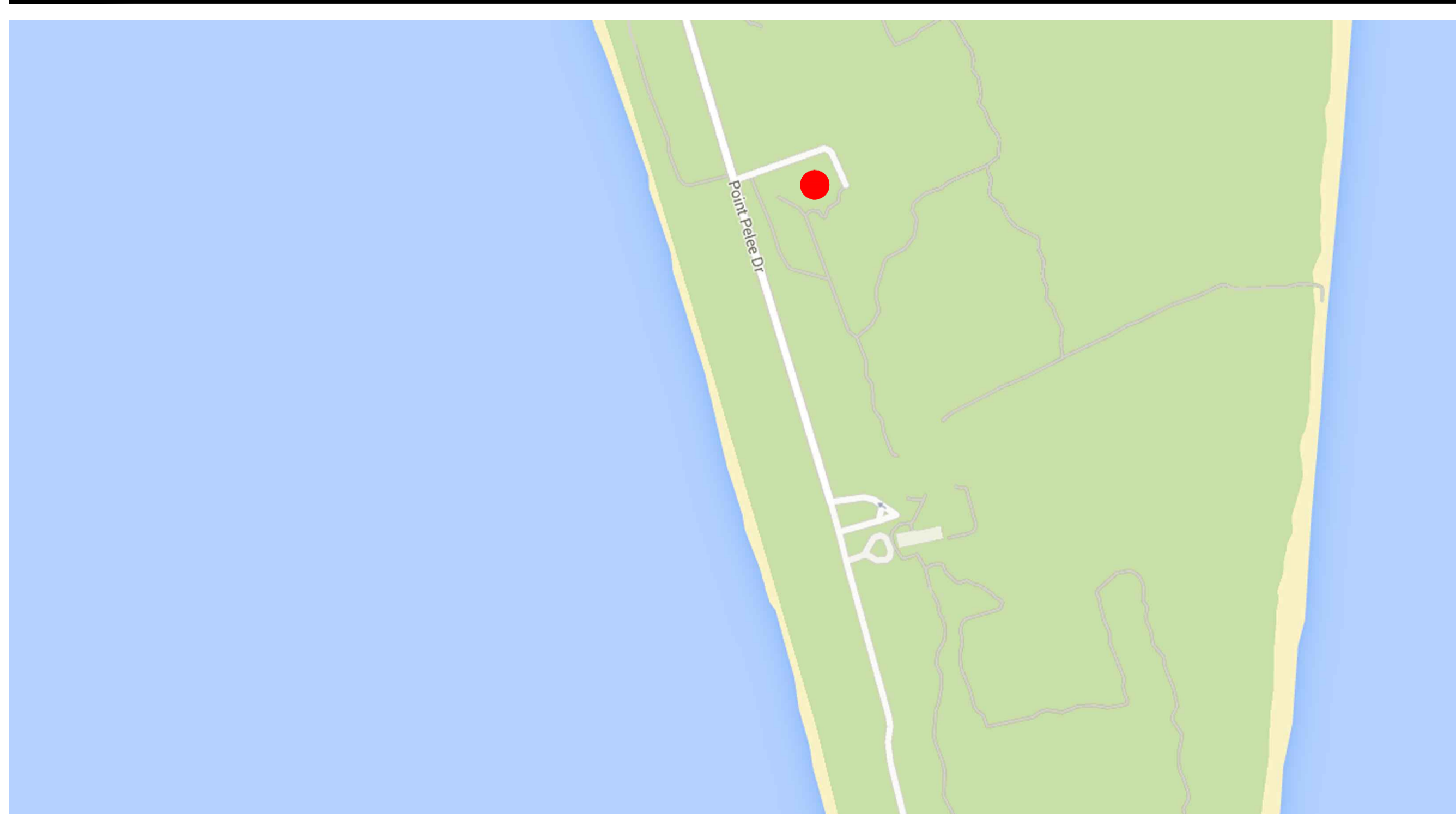
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FLOOR PLAN LEGEND:

- DENOTES EXISTING BUILDING TO REMAIN
- DENOTES EXISTING BUILDING TO DEMOLISH
- POURED CONCRETE WALL CONSTRUCTION
- CMU WALL CONSTRUCTION
- DENOTES EXISTING DOOR TO REMAIN
- DENOTES EXISTING DOOR TO BE DEMOLISHED
- NEW DOOR
- ROOM NAME AND NUMBER
- PARTITION ASSEMBLY REFERENCE TAG
- DOOR REFERENCE TAG
- WINDOW REFERENCE TAG
- ELEVATION REFERENCE
- BUILDING SECTION REFERENCE
- DETAIL REFERENCE
- FLOOR DRAIN
- TRENCH DRAIN
- FINISH LEVEL
- DEMOLITION REFERENCE TAG

ELEVATION LEGEND:

- CLADDING / EXTERIOR FINISH REFERENCE TAG
- ELEVATION REFERENCE
- WINDOW REFERENCE TAG
- DOOR REFERENCE TAG
- LOUVER TAG

REFLECTED CEILING PLAN LEGEND:

- CARBONE MONOXIDE DETECTOR
- SMOKE/HEAT DETECTOR
- RECESSED LIGHT FIXTURE (610 x 1220mm)
- RECESSED LIGHT FIXTURE (305 x 1220mm)
- SURFACE-MOUNTED LIGHT FIXTURE (305 x 1220mm)
- SURFACE-MOUNTED LIGHT FIXTURE
- WALL-MOUNTED LIGHT FIXTURE
- RECESSED POT LIGHT
- PENDANT LIGHT
- WALL WASHER LIGHT FIXTURE
- DIFFUSER
- RETURN GRILL
- ATTIC ACCESS PANEL 550 x 900mm MIN.
- EXIT SIGN

REFLECTED CEILING PLAN NOTES:

REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR HVAC COMPONENTS, LIGHT FIXTURES, FIRE ALARM SYSTEMS AND OTHER CEILING MOUNTED EQUIPMENT.

LOCATION OF ACCESS TRAPS IS TO BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO INSTALLATION.

LIST OF WASHROOM ACCESSORIES:

- SURFACE-MOUNTED SOAP DISPENSER (*NIC - PROVIDED BY OWNER)
- ACCESSORY REMOVED
- ACCESSORY REMOVED
- SURFACE MOUNTED HAND DRYER (*NIC - PROVIDED BY OWNER)
- ACCESSORY REMOVED
- 32mm Ø GRAB BARS, LENGTH 610mm (GB-2)
- 32mm Ø GRAB BARS, 915mm (GB-1)
- SURFACE-MOUNTED UTILITY HOOK (UH)
- SURFACE-MOUNTED MIRROR (M2)
- SURFACE-MOUNTED HORIZONTAL BABY CHANGE TABLE (CT1)
- SURFACE-MOUNTED MIRROR (M1)
- SURFACE-MOUNTED PAPER TOWEL DISPENSER
- SURFACE-MOUNTED VERTICAL BABY CHANGE TABLE (CT2)
- SURFACE-MOUNTED SHELF (SH)
- VINYL SHOWER CURTAIN BAR AND ACCESSORIES
- SURFACE-MOUNTED SHOWER SEAT (FSS)
- TOILET BACK REST (BR)
- SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL WASTE (SND)
- SURFACE-MOUNTED MULTI-ROLL TOILET PAPER DISPENSER (*NIC - PROVIDED BY OWNER)

WASHROOM ACCESSORY NOTES:

WASHROOM ACCESSORIES #1, #4 AND # 19 ARE TO BE SUPPLIED BY PARKS CANADA AND INSTALLED BY THE CONTRACTOR AS PART OF THE CONTRACT. PROVIDE REQUIRED BLOCKING AND/OR ALL ELECTRICAL PROVISIONS AND COORDINATE PROVISIONS FOR THEIR INSTALLATION.

GENERAL NOTES:

- .1 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
- .2 NOTIFY DEPARTMENTAL REPRESENTATIVE IF ANY DISCREPANCY WAS FOUND BETWEEN THESE NOTES AND THE SPECIFICATIONS.
- .3 ALL WORK IS TO CONFORM TO THE NBC (NATIONAL BUILDING CODE OF CANADA) 2010 EDITION AND TO THE LATEST VERSION OF ALL APPLICABLE CODES AND BYLAWS.
- .4 IN CASE OF CONFLICTING INFORMATION BETWEEN CONTRACT DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT SHALL GOVERN OR CONTRACTOR MUST SEEK CLARIFICATION IN WRITING FROM DEPARTMENTAL REPRESENTATIVE.
- .5 BEFORE PROCEEDING WITH WORK, CHECK ALL THE DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND REPORT DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE. REFER TO THE ARCHITECTURAL AND OTHER DRAWINGS FOR LOCATIONS AND DIMENSIONING OF OPENINGS AND SLEEVES NOT SHOWN ON THE STRUCTURAL DRAWINGS. HOWEVER, OBTAIN THE DEPARTMENTAL REPRESENTATIVE'S PRIOR APPROVAL BEFORE INSTALLING OPENINGS AND SLEEVES WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- .6 SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF PITS, BASES, SUMPS, TRENCHES, DEPRESSIONS, GROOVES AND CHAMFER NOT SHOWN ON STRUCTURAL DRAWINGS.
- .7 ALL DIMENSIONS GIVEN ON STRUCTURAL DRAWINGS ARE IN METRIC SYSTEM UNLESS OTHERWISE NOTED. DO NOT SCALE THESE DRAWINGS.
- .8 THE CONTRACTOR WILL FACILITATE ALL MATERIAL TESTING REQUIRED BY THE ARCHITECT AND ENGINEER, PARKS CANADA AGENCY TO COVER COST AND GENERAL CONTRACTOR TO ORGANIZE AND CO-ORDINATE.
- .9 NATIONAL PARK - THE PROJECT IS LOCATED IN A NATIONAL PARK OF CANADA, THEREFORE STANDARDS FOR ENVIRONMENTAL PROTECTION AND FOR VISUAL AESTHETICS OF FINAL PRODUCT SHALL BE OF A QUALITY STANDARD. CONTRACT LIMITS SHALL BE STRICTLY ADHERED TO AND CONTRACTOR IS TO TAKE SPECIAL CARE TO MINIMIZE DAMAGE AND DISRUPTION AND PROTECT EXISTING FEATURES. THE DEPARTMENTAL REPRESENTATIVE OR DESIGNATE IS TO BE NOTIFIED IMMEDIATELY IF ANY NATURAL RESOURCES ARE LOCATED DURING CONSTRUCTION.
- .10 VERIFY ALL SITE DIMENSIONS. THE CONTRACTOR MUST FAMILIARIZE HIS OR HERSELF WITH EXISTING SITE AND BUILDING CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.
- .11 ALL DIMENSIONS ARE INDICATED IN MILLIMETERS UNLESS INDICATED OTHERWISE.
- .12 ARCHITECTURAL AND STRUCTURAL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH MECHANICAL, ELECTRICAL, CIVIL AND/OR OTHER CONSULTANT'S DRAWINGS. REPORT ANY DISCREPANCIES FOR CLARIFICATION.
- .13 COORDINATE THE ROUGH OPENING REQUIREMENTS FOR ALL MECHANICAL, ELECTRICAL AND/OR FIRE PROTECTION EQUIPMENT IN EXTERIOR WALLS, INTERIOR PARTITIONS, CEILINGS AND FOUNDATIONS.
- .14 REFER TO STRUCTURAL DRAWINGS FOR ELEVATIONS OF BRICK LEDGES AND/OR TOP OF FOUNDATIONS.
- .15 ALL ELEVATIONS ARE REFERENCED TO TOP OF UNFINISHED FLOOR UNLESS INDICATED OTHERWISE.
- .16 THE REFLECTED CEILING PLANS MUST BE READ IN CONJUNCTION WITH MECHANICAL AND ELECTRICAL DRAWINGS. ARCHITECTURAL PLANS SHALL GOVERN THE POSITIONING OF MECHANICAL AND ELECTRICAL EQUIPMENT AND THE LATTER SHALL GOVERN ALL QUANTITIES AND ACCEPTABLE MAKE OR MODEL.
- .17 EXTERIOR WALLS ARE DIMENSIONED FROM FACE OF STUD. INTERIOR DIMENSIONS ARE TAKEN FROM CENTRE OF STUD.
- .18 INSTALL ALL BLOCKING REQUIRED FOR WASHROOM ACCESSORIES, MILLWORK OR OTHER EQUIPMENT INCLUDING ACCESSORIES SUPPLIED BY THE OWNER.
- .19 ALL GYPSUM BOARD PARTITIONS WITH A FIRE-RESISTANCE RATING (FRR) OR ACOUSTICAL RESISTANCE RATING (STC) ARE TO BE CONTINUOUS AND TERMINATE AT EXTENT OF BUILDING ENVELOPE.
- .20 ALL DOORS AND WINDOWS ARE DIMENSIONED TO CENTRE OF OPENING UNLESS OTHERWISE INDICATED.
- .21 INSTALL SELF-ADHESIVE MEMBRANES AROUND ALL WINDOW, DOOR OR OTHER WALL PENETRATIONS, OVERLAP AND SEAL WITH AIR AND VAPOUR-BARRIERS.



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Engineer

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KEY PLAN



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Date	Issued for Tender	Revision
2017-02-10	Issued for Tender	00

Stamp



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Project
**POINT PELEE NATIONAL PARK
CAMP HENRY RENEWAL**
Leamington, Ontario
Canada

Drawing Title
GENERAL NOTES & LEGENDS

Drawn By: R. ST-PIERRE / D. SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND

Drawing Scale
AS INDICATED

Date
March 28th, 2016

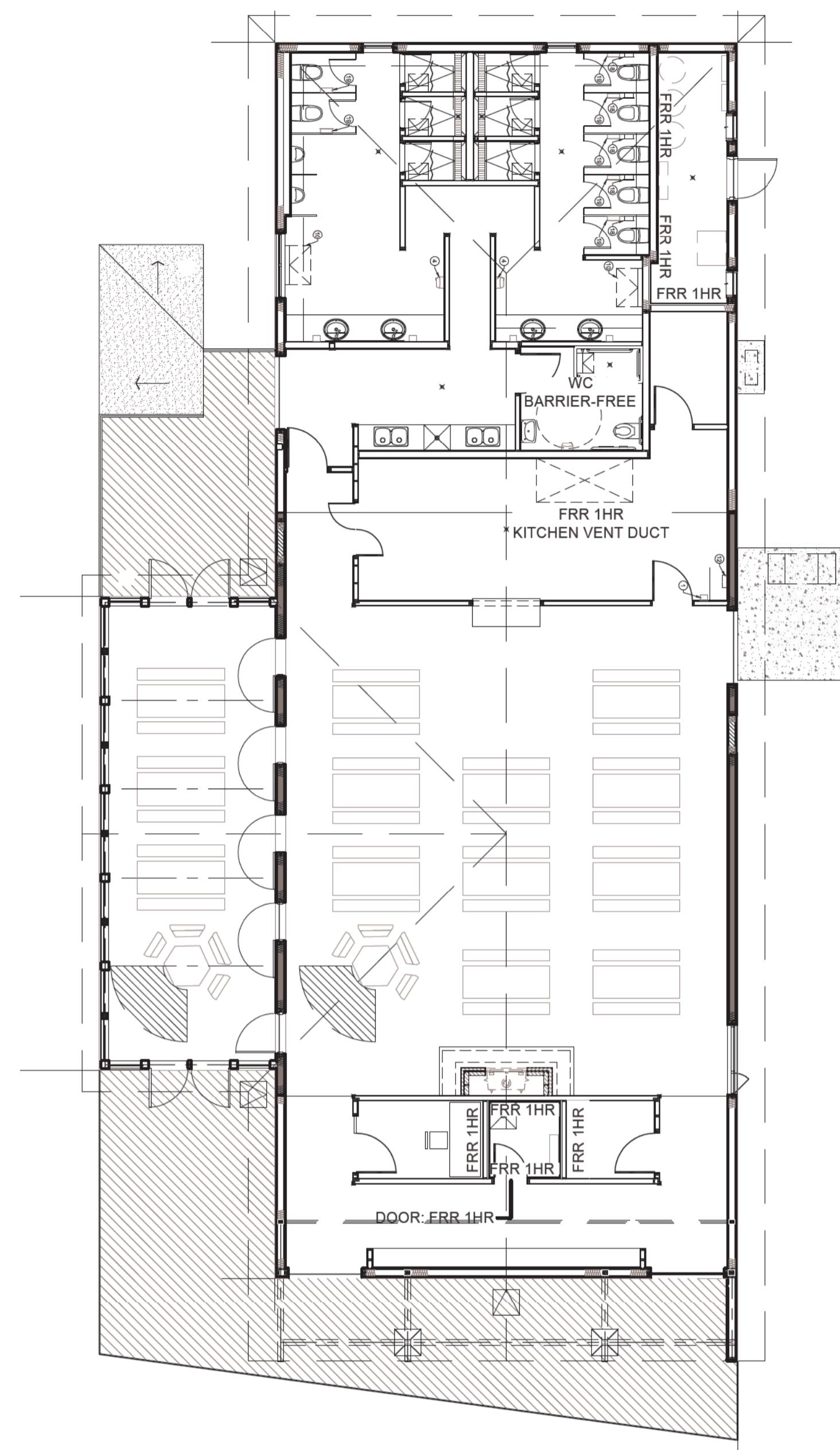
Project No. 16-0167	File DAO 16-0167-A-PEC-PTPELEE-100 DINING HALL.DWG
Drawing No. A000	Revision 00

NATIONAL BUILDING CODE MATRIX (2010)											
ITEM	APPLICABLE CODE: DINING HALL: NATIONAL BUILDING CODE 2010 <input checked="" type="checkbox"/> DIVISION B PARTIES 3 <input type="checkbox"/> DIVISION B PARTIES 9	LOCATION: POINT PELEE NATIONAL PARK OF CANADA LEAMINGTON, ONTARIO	NBC REFERENCE: (REFERENCE ARE TO DIVISION B UNLESS NOTED) (A) FOR DIVISION A OR (C) FOR DIVISION C								
01	PROJECT DESCRIPTION: <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> ALTERATION <input type="checkbox"/> CHANGE OF USE <input type="checkbox"/> ADDITION <input type="checkbox"/> PART <input type="checkbox"/> OTHER										
02	MAJOR OCCUPANCY(S): GROUP A-2 ESTABLISHMENT OF ASSEMBLY		3.1.2.1.1 1.4.1.2. [A]								
03	BUILDING AREA: 299 m2		1.4.1.2. [A]								
04	NUMBER OF STOREY: ABOVE GRADE -1 BELOW GRADE -0		1.4.1.2. [A] 3.2.1.1.								
05	NUMBER OF STREET / FIRE FIGHTER ACCESS: * 1 ACCESS LANE PROVIDED (REFER TO NOTE 1)		1.4.1.2. [A] 3.2.2.10.; 3.2.5.4.; 3.2.5.5.; 3.2.5.6.								
06	BUILDING CLASSIFICATION: A-2 ASSEMBLY		3.2.2.28								
07	REQUIRED FIRE RESISTANCE RATINGS (FRR): <table border="0"> <tr> <td colspan="2">FRR (HRS)</td> <td colspan="2">FRR (HRS)</td> </tr> <tr> <td>HORIZONTAL ASSEMBLIES:</td> <td>FLOORS N/A ROOF N/A MEZZANINE N/A</td> <td>SUPPORTING ASSEMBLIES:</td> <td>FLOORS N/A ROOF N/A MEZZANINE N/A</td> </tr> </table>	FRR (HRS)		FRR (HRS)		HORIZONTAL ASSEMBLIES:	FLOORS N/A ROOF N/A MEZZANINE N/A	SUPPORTING ASSEMBLIES:	FLOORS N/A ROOF N/A MEZZANINE N/A		3.2.2.28
FRR (HRS)		FRR (HRS)									
HORIZONTAL ASSEMBLIES:	FLOORS N/A ROOF N/A MEZZANINE N/A	SUPPORTING ASSEMBLIES:	FLOORS N/A ROOF N/A MEZZANINE N/A								
08	FIRE RATED SEPARATIONS: FIRE SEPARATIONS REQUIRED (HRS) MECHANICAL ROOM (107) 1 HR HOUSEKEEPING ROOM (111) 1 HR KITCHEN VENT DUCT 1 HR		3.6.2.1. 6.2.2.7								
09	UNPROTECTED OPENING LIMITS: - 100% OF AREA OF UNPROTECTED OPENING - LIMITING DISTANCE OF THE EAST AND WEST FACADE: 8.5m - LIMITING DISTANCE OF THE NORTH AND SOUTH FACADE: 6.25m		3.2.3.1.								
10	SPRINKLER SYSTEM PROPOSED: <input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> BASEMENT <input type="checkbox"/> SELECTED COMPARTMENTS <input checked="" type="checkbox"/> NOT REQUIRED <input type="checkbox"/> SELECTED AREA		3.2.2.28								
11	FIRE ALARM REQUIRED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.2.4.1.								
12	STANDPIPE REQUIRED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.2.5.8								
13	HIGH BUILDING: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.2.6								
14	CONSTRUCTION RESTRICTIONS: <input checked="" type="checkbox"/> COMBUSTIBLE <input type="checkbox"/> NON-COMBUSTIBLE <input type="checkbox"/> BOTH ACTUAL CONSTRUCTION: <input checked="" type="checkbox"/> COMBUSTIBLE <input type="checkbox"/> NON-COMBUSTIBLE <input type="checkbox"/> BOTH		3.2.2.28								
15	OCCUPANT LOAD BASED ON: <input checked="" type="checkbox"/> SQ. m. PER PERSON <input type="checkbox"/> BUILDING DESIGN (110 PERSONS)		3.1.17								
16	MEZZANINE(S) AREA: INTERACTIVE AREA: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO MEZZANINE: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.2.8.; 3.2.1.1.; 3.2.1.6.								
17	HAZARDOUS SUBSTANCE: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.3.1.2. 3.3.1.20.								
18	BARRIER-FREE DESIGN: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		10.3.8. 3.8.								
19	VENTILATING- COMMERCIAL COOKING EQUIPMENT: CONFORM TO: NFPA 96 CONFORM TO: ANSI / UL 300 OR UL / ORD-C1254.6		6.2.2.7								
20	WATER CLOSETS FOR AN ASSEMBLY OCCUPANCY AND LAVATORIES: MALE: 1 WATER CLOSETS - 1 URINAL - 1 LAVATORIE FEMALE: 3 WATER CLOSETS - 1 LAVATORIES NUMBER OF BARRIER-FREE WASHROOM PROVIDED: 1		3.7.2.2. 3.7.2.3. 3.8.2.3.								
21	FIRE BLOCKS IN CONCEALED HORIZONTAL SPACES 300 m ² IN AREA WITH NO DIMENSION THAN 20 m. GYPSUM BOARD NOT LESS THAN 12.7mm THICK, PROVIDED ALL JOINTS HAVE CONTINUOUS SUPPORT AND SEALED.		3.1.11.5 3.1.11.7								

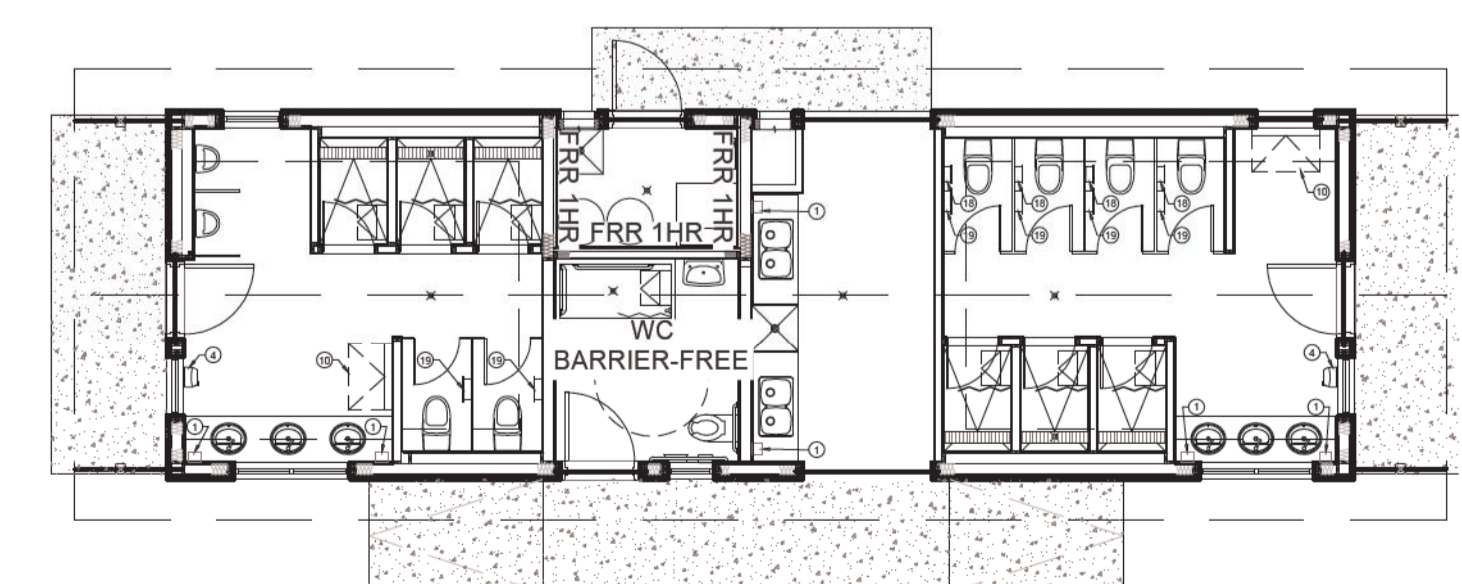
NOTE 1: NBC REQUIREMENTS FOR FIRE-FIGHTING ACCESS WERE NOT ATTAINABLE. BASED UPON THE MEETING WITH THE LEAMINGTON FIRE FIGHTING DEPARTMENT HELD ON OCT. 3rd, 2016... THE FOLLOWING PROVISIONS WERE ACCEPTED.

- ONE (1) ACCESS LANE OF A MIN. 3m (10') IN WIDTH FROM THE EXISTING PARKING AREA TO THE MESS HALL.
- ONE (1) ACCESS LANE OF A MIN. 3m (10') IN WIDTH FROM THE EXISTING PARKING AREA TO THE EXISTING STORAGE BUILDING.

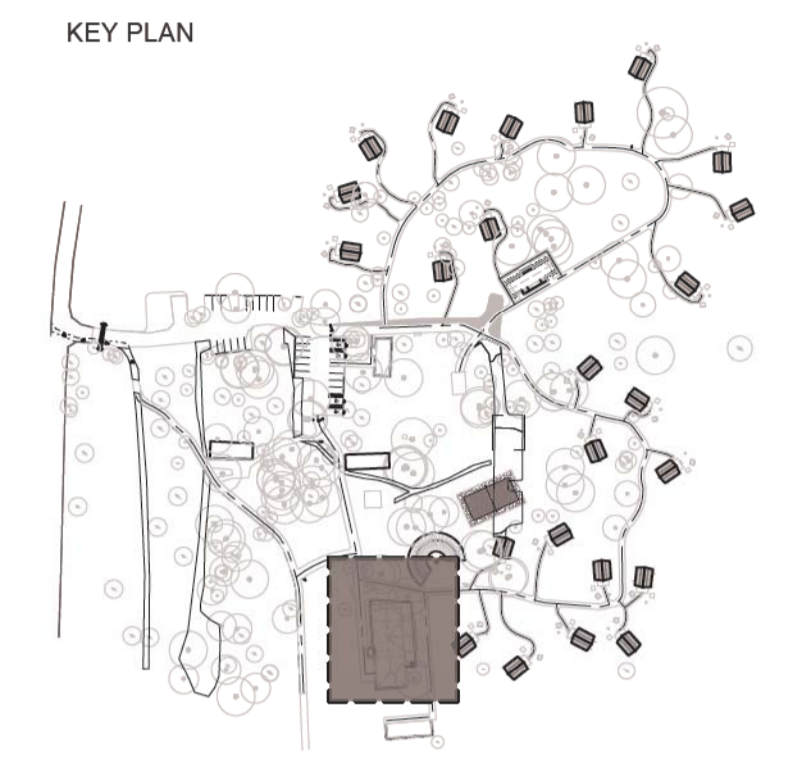
NATIONAL BUILDING CODE MATRIX (2010)											
ITEM	APPLICABLE CODE: COMFORT STATION: NATIONAL BUILDING CODE 2010 <input checked="" type="checkbox"/> DIVISION B PARTIES 3 <input type="checkbox"/> DIVISION B PARTIES 9	LOCATION: POINT PELEE NATIONAL PARK OF CANADA LEAMINGTON, ONTARIO	NBC REFERENCE: (REFERENCE ARE TO DIVISION B UNLESS NOTED) (A) FOR DIVISION A OR (C) FOR DIVISION C								
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02	MAJOR OCCUPANCY(S): A-2 ESTABLISHMENT OF ASSEMBLY		3.1.2.1.1 1.4.1.2. [A]								
03	BUILDING AREA: 76,5 m2		1.4.1.2. [A]								
04	NUMBER OF STOREY: ABOVE GRADE -1 BELOW GRADE -0		1.4.1.2. [A] 3.2.1.1.								
05	NUMBER OF STREET / FIRE FIGHTER ACCESS: 0		1.4.1.2. [A] 3.2.2.10.; 3.2.5.4.; 3.2.5.5.; 3.2.5.6.								
06	BUILDING CLASSIFICATION: A-2 ASSEMBLY		3.2.2.28								
07	REQUIRED FIRE RESISTANCE RATINGS (FRR): <table border="0"> <tr> <td colspan="2">FRR (HRS)</td> <td colspan="2">FRR (HRS)</td> </tr> <tr> <td>HORIZONTAL ASSEMBLIES:</td> <td>FLOORS N/A ROOF N/A MEZZANINE N/A</td> <td>SUPPORTING ASSEMBLIES:</td> <td>FLOORS N/A ROOF N/A MEZZANINE N/A</td> </tr> </table>	FRR (HRS)		FRR (HRS)		HORIZONTAL ASSEMBLIES:	FLOORS N/A ROOF N/A MEZZANINE N/A	SUPPORTING ASSEMBLIES:	FLOORS N/A ROOF N/A MEZZANINE N/A		3.2.2.28
FRR (HRS)		FRR (HRS)									
HORIZONTAL ASSEMBLIES:	FLOORS N/A ROOF N/A MEZZANINE N/A	SUPPORTING ASSEMBLIES:	FLOORS N/A ROOF N/A MEZZANINE N/A								
08	FIRE RATED SEPARATIONS: FIRE SEPARATION REQUIRED (HRS) MECHANICAL ROOM 1 HR		3.6.2.1. 6.2.2.7								
09	UNPROTECTED OPENING LIMITS: 100% OF AREA OF UNPROTECTED OPENING - LIMITING DISTANCE OF THE EAST AND WEST FACADE: 6m - LIMITING DISTANCE OF THE NORTH AND SOUTH FACADE: 7m		3.2.3.1.								
10	SPRINKLER SYSTEM PROPOSED: <input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> BASEMENT <input type="checkbox"/> SELECTED COMPARTMENTS <input checked="" type="checkbox"/> NOT REQUIRED <input type="checkbox"/> SELECTED AREA		3.2.2.28								
11	FIRE ALARM REQUIRED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.2.4.1.								
12	STANDPIPE REQUIRED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.2.5.8								
13	HIGH BUILDING: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.2.6								
14	CONSTRUCTION RESTRICTIONS: <input checked="" type="checkbox"/> COMBUSTIBLE <input type="checkbox"/> NON-COMBUSTIBLE <input type="checkbox"/> BOTH		3.2.2.28								
15	OCCUPANT LOAD BASED ON: <input type="checkbox"/> SQ. m. PER PERSON <input checked="" type="checkbox"/> BUILDING DESIGN * SEE WATER CLOSETS FOR AN ASSEMBLY OCCUPANCY		3.1.17								
16	MEZZANINE(S) AREA: INTERACTIVE AREA: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO MEZZANINE: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.2.8.; 3.2.1.1.; 3.2.1.6.								
17	HAZARDOUS SUBSTANCE: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3.3.1.2. 3.3.1.20.								
18	BARRIER-FREE DESIGN: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		10.3.8. 3.8.								
19	WATER CLOSETS FOR AN ASSEMBLY OCCUPANCY AND LAVATORIES: (96 USERS ON CAMPING SITE) MALE: 1 WATER CLOSETS - 1 LAVATORY FEMALE: 2 WATER CLOSETS - 1 LAVATORY NUMBER OF BARRIER-FREE WASHROOMS PROVIDED: 1 *QUANTITY OF EQUIPMENT IS CALCULATED ACCORDING TO THE CAPACITY OF CAMPING SITE: 96 OCCUPANTS		3.7.2.2. 3.7.2.3. 3.8.2.3.								



02 DINING HALL - NBC PLAN
A-001 1:100



01 COMFORT STATION - NBC PLAN
A-001 1:100



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Project
POINT PELEE NATIONAL PARK
CAMP HENRY RENEWAL
Leamington, Ontario
Canada

Drawing Title
NATIONAL BUILDING CODE MATRIX

Drawn By: R. ST-PIERRE / D. SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND

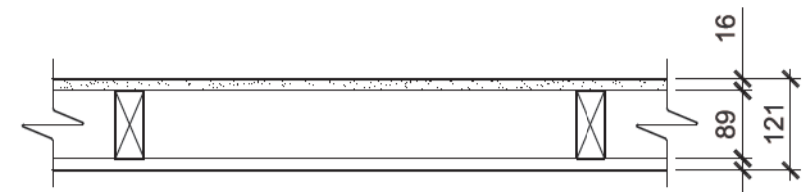
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Date
March 28th, 2016

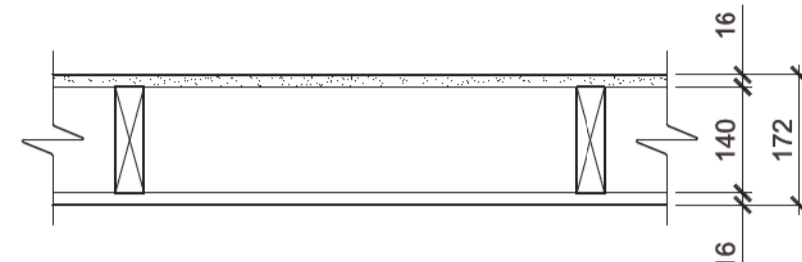
Project No. 16-0167	File DAO 16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No. A001	Revision 00

INTERIOR PARTITION ASSEMBLIES

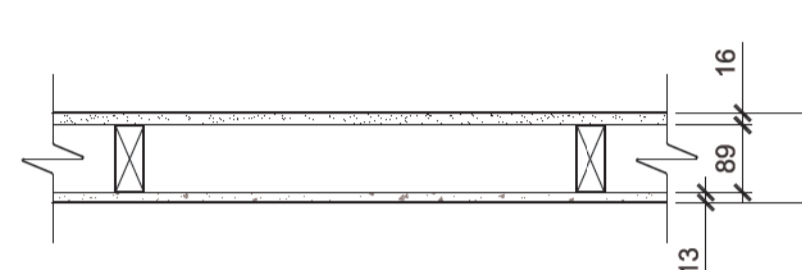
P-1 89mm PARTITION
 - FINISH AS SCHEDULED
 - 16mm GYPSUM BOARD
 - 38x89mm SPF STUDS @ 406mm o.c.
 - 16mm GYPSUM BOARD
 - FINISH AS SCHEDULED



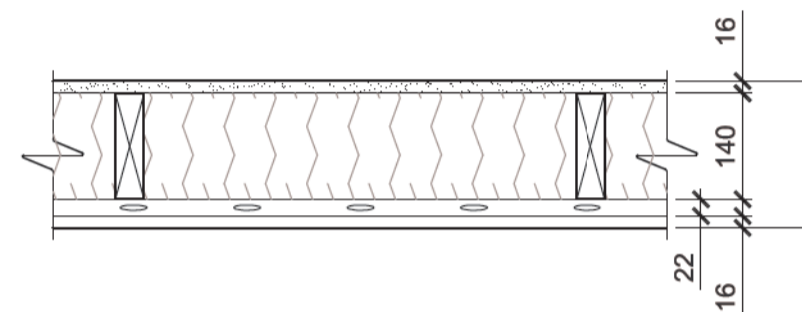
P-2 140mm PARTITION
 - FINISH AS SCHEDULED
 - 16mm GYPSUM BOARD
 - 38x140mm SPF STUDS @ 406mm o.c.
 - 16mm GYPSUM BOARD
 - FINISH AS SCHEDULED



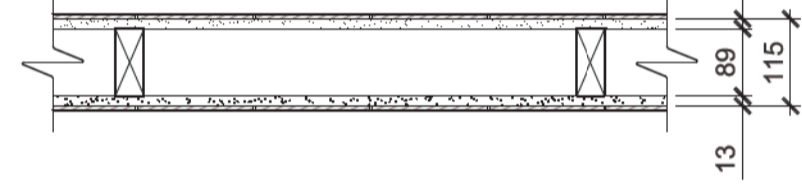
P-3 89mm PARTITION W/ BACKER BOARD
 - FINISH AS SCHEDULED
 - 16mm GYPSUM BOARD
 - 38x89mm SPF STUDS @ 406mm o.c.
 - 13mm CEMENTITIOUS BACKER BOARD
 - FINISH AS SCHEDULED



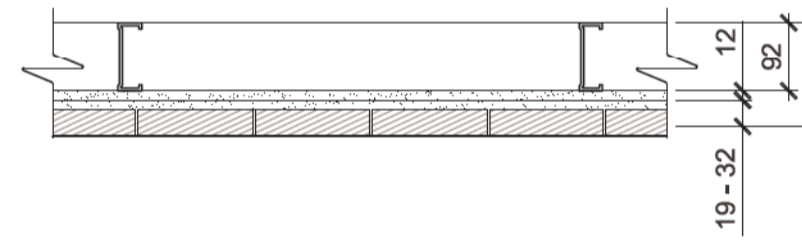
P-4 140mm FIRE SEPARATION (1HR)
 - FINISH AS SCHEDULED
 - 16mm TYPE 'X' GYPSUM BOARD
 - 38x140mm SPF STUDS @ 610mm o.c.
 - 140mm ACOUSTIC INSULATION
 - 22mm RESILIENT METAL CHANNEL @ 406mm o.c. HORIZONTALLY
 - 16mm TYPE 'X' GYPSUM BOARD
 - FINISH AS SCHEDULED



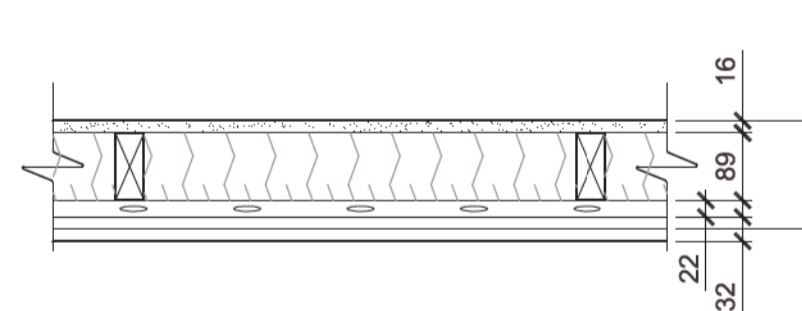
P-5 89mm SHOWER PARTITION
 - FINISH AS SCHEDULED
 - 13mm CEMENTITIOUS BACKER BOARD
 - 38x89mm SPF STUDS @ 406mm o.c.
 - 13mm CEMENTITIOUS BACKER BOARD
 - FINISH AS SCHEDULED



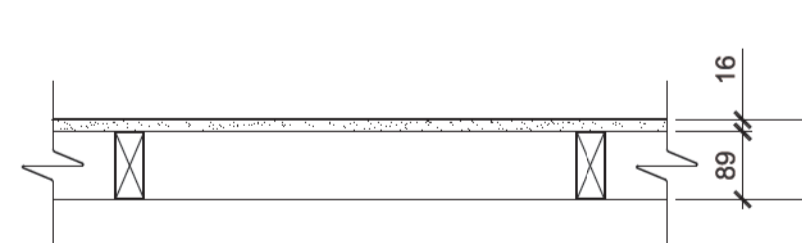
P-6 92mm FIREPLACE PARTITION
 - 92mm METAL STUDS @ 406mm o.c.
 - 13mm CEMENTITIOUS BACKER BOARD
 - STONE VENEER CLADDING



P-7 89mm FIRE SEPARATION (1HR)
 - FINISH AS SCHEDULED
 - 16mm TYPE 'X' GYPSUM BOARD
 - 38x89mm SPF STUDS @ 610mm o.c.
 - 89mm ACOUSTIC INSULATION
 - 22mm RESILIENT METAL CHANNEL @ 406mm o.c. HORIZONTALLY
 - 16mm TYPE 'X' GYPSUM BOARD



P-8 89mm FURR-OUT PARTITION
 - FINISH AS SCHEDULED
 - 16mm GYPSUM BOARD
 - 38x89mm SPF STUDS @ 406mm o.c.

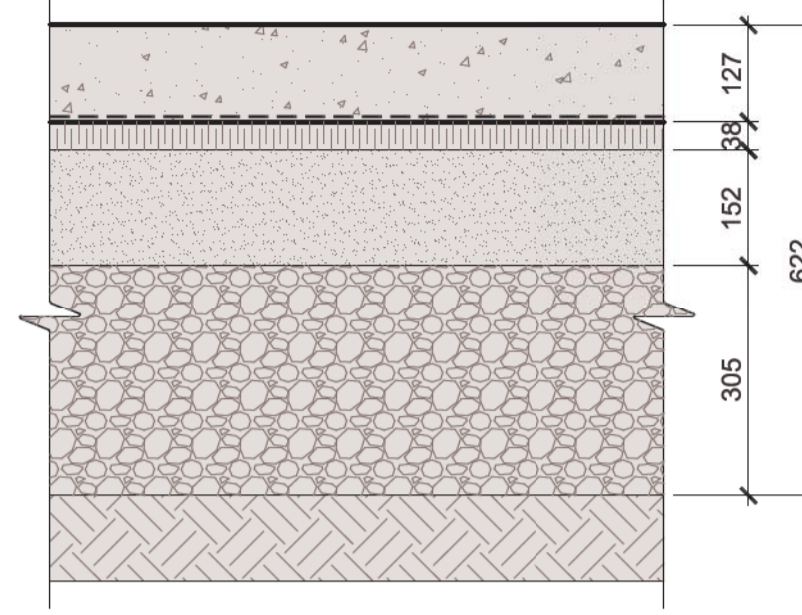


P-9 140mm SHOWER PARTITION
 - FINISH AS SCHEDULED
 - WATERPROOFING MEMBRANE
 - 13mm CEMENTITIOUS BACKER BOARD
 - 38x140mm SPF STUDS @ 406mm o.c.
 - 13mm CEMENTITIOUS BACKER BOARD
 - WATERPROOFING MEMBRANE
 - FINISH AS SCHEDULED



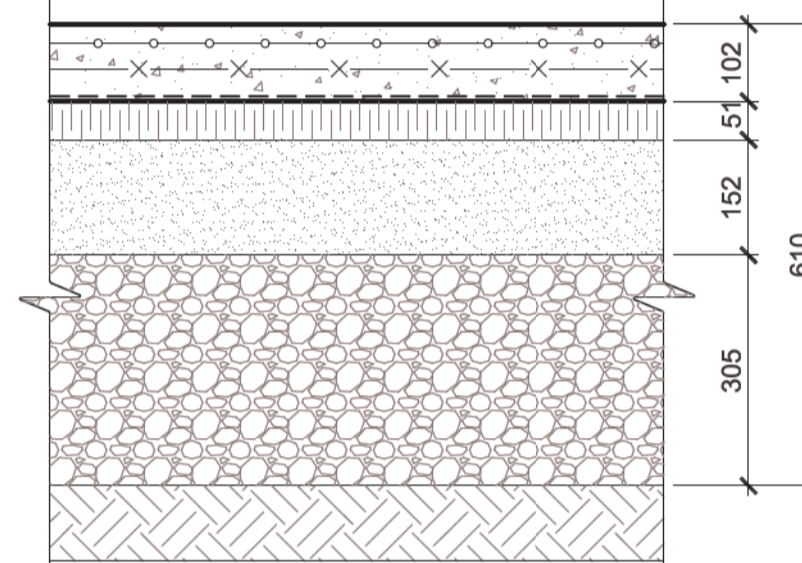
EXISTING FLOOR ASSEMBLIES

EF-1 MESS HALL EXISTING FLOOR ASSEMBLY
 - 127mm (5") POURED CONCRETE SLAB 3000 PSI (20MPa) COMPLETE WITH (6/6) WIRE MESH REINFORCING
 - 6mil POLY VAPOUR BARRIER
 - 38mm (1 1/2") RIGID INSULATION
 - 152mm (6") MIN. COMPACTED GRANULAR 'A'
 - 305mm (12") MIN. COMPACTED GRANULAR 'B' ON UNDISTURBED EARTH

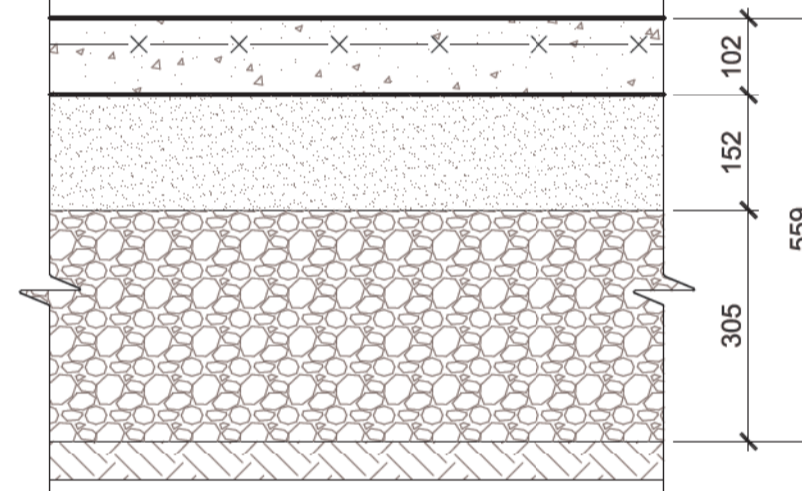


NEW FLOOR ASSEMBLIES

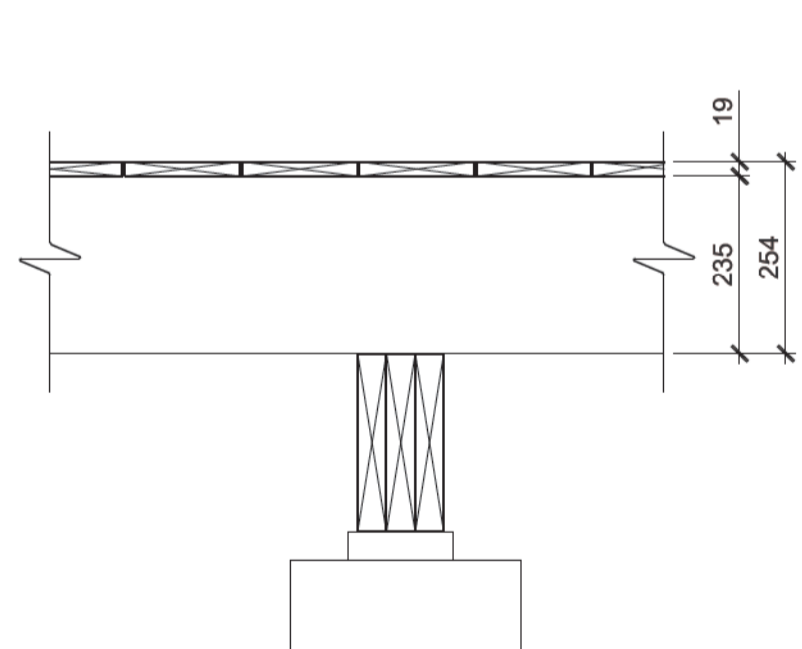
F-1 MESS HALL AND COMFORT STATION TYPICAL FLOOR ASSEMBLY
 - FINISH AS SCHEDULED
 - 102mm REINFORCED CONCRETE SLAB WITH RADIANT HEATING. (REFER TO STRUCTURAL AND MECHANICAL DRAWINGS)
 - 10mil POLY VAPOUR BARRIER
 - 51mm RIGID INSULATION
 - 152mm MIN. COMPACTED GRANULAR 'A'
 - 305mm MIN. COMPACTED GRANULAR 'B' ON UNDISTURBED EARTH



F-2 TYPICAL SLAB ON GRADE
 - 102mm REINFORCED CONCRETE SLAB W/ HARDENER. REFER TO STRUCTURAL DRAWINGS
 - 152mm MIN. COMPACTED GRANULAR 'A'
 - 305mm MIN. COMPACTED GRANULAR 'B' ON UNDISTURBED EARTH

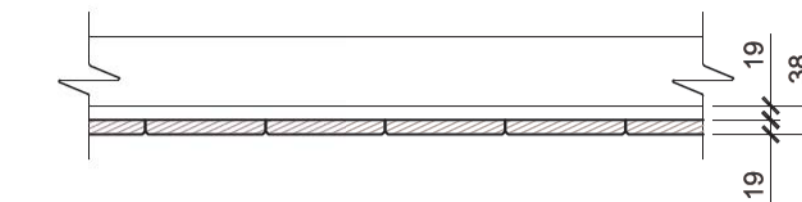


F-3 MESS HALL WOOD PATIOS
 - 19x140mm WOOD (WRC) DECKING
 - 38x235mm PT SPF JOISTS @ 406mm o.c.
 - 3 PLY 38x235mm PT SPF BEAM
 - 38x140mm PT SPF NAILING PLATE
 - CONCRETE PIER, REFER TO STRUCTURAL

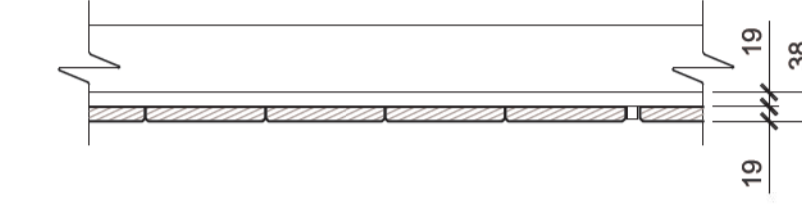


SOFFIT ASSEMBLIES

S-1 CLEAR SOFFIT
 - 38x89mm WOOD LOOKOUTS or UNDERSIDE OF STRUCTURAL FRAMING
 - 19x64mm PT WOOD STRAPPING @ 406mm o.c.
 - 19x140 V-JOINT WOOD (PCYC) SOFFIT w/ 50mm WIDE SOFFIT VENT AT THE LOCATIONS INDICATED

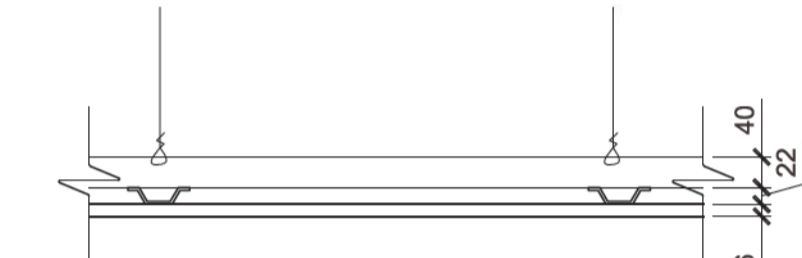


S-2 SOLID SOFFIT
 - 38x89mm WOOD LOOKOUTS or UNDERSIDE OF STRUCTURAL FRAMING
 - 19x64mm PT WOOD STRAPPING @ 406mm o.c.
 - 19x140 V-JOINT STAINED WOOD (WRC) SOFFIT w/ 50mm WIDE SOFFIT VENT AT THE LOCATIONS INDICATED



CEILING ASSEMBLIES

C-1 SUSPENDED GYPSUM CEILING
 - 41mm METAL STUDS @ 406mm o.c.
 - 22mm METAL FURRING CHANNELS @ 406mm o.c.
 - 16mm GYPSUM BOARD
 - FINISH AS SCHEDULED

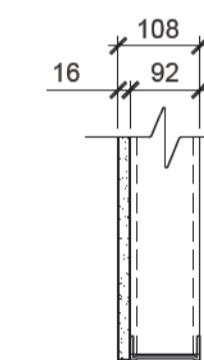


C-2 GYPSUM CEILING
 - UNDERSIDE OF STRUCTURE
 - 19x64mm STRAPPING @ 406mm o.c.
 - FINISH AS SCHEDULED



BULKHEAD ASSEMBLIES

B-1 BULKHEAD ASSEMBLY
 - 92mm METAL STUDS @ 406mm o.c.
 - 16mm GYPSUM BOARD
 - FINISH AS SCHEDULED

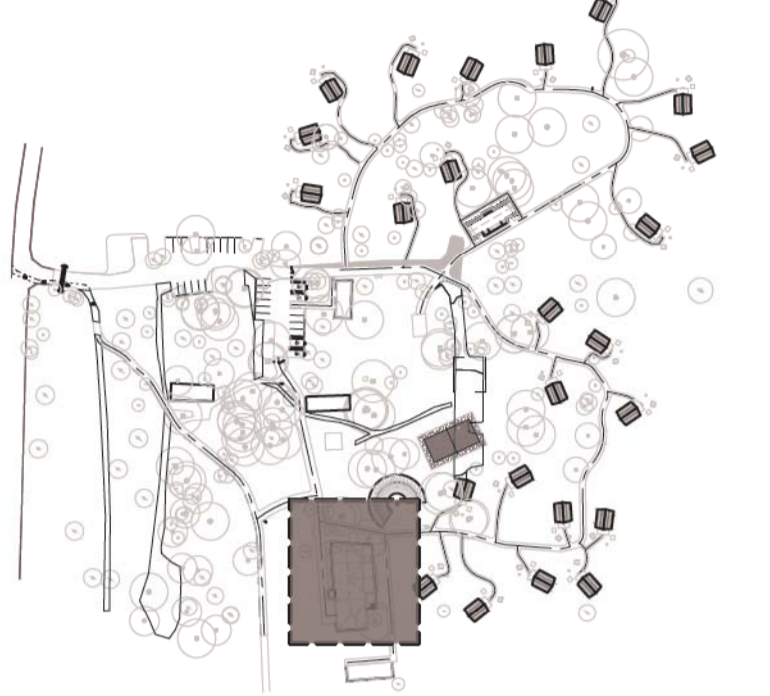


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KEY PLAN



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Date	Description	Revision

Stamp



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Project
**POINT PEELE NATIONAL PARK
 CAMP HENRY RENEWAL**
 Leamington, Ontario
 Canada

Drawing Title
CONSTRUCTION ASSEMBLIES

Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND

Drawing Scale
 1:10
 0 0.1 0.2 0.4 0.6m

Date
 March 28th, 2016

Project No. 16-0167	File DAO 16-0167-A-PEC-PTPELEE-100 DINING HALL.DWG
Drawing No. A003	Revision 00

ROOM FINISH SCHEDULE - NOTES & LEGEND

LIST OF ABBREVIATIONS: EPX EPOXY (SR - DENOTES SLIP-RESISTANT WHERE APPLICABLE) CT CERAMIC TILE CS CONCRETE SEALANT CB COVER BOARD RB RUBBER WALL BASE (LIGHT GREY) WB WOODEN WALL BASE (WBX - DENOTE THE ASSEMBLY OF WALL BASE ON PAGE A-504) PT PAINT (E - DENOTES EPOXY WHERE APPLICABLE) PCYC EASTERN WHITE CEDAR GB GYPSUM BOARD WP1 VINYL FRP WALL PANELING WP2 WATER FILING STATION SPLASH GUARD

ROOM FINISH SCHEDULE

Table with columns: ROOM, FLOOR FINISH, WALL FINISH, WALL BASE TYPE, CEILING FINISH, CEIL. HEIGHT (mm), NOTES. Includes sections for MESS HALL and COMFORT STATION.

DOOR AND FRAME SCHEDULE

Table with columns: NO, OF, TO, DIMENSIONS, DOOR TYPE, FRAME, SIDELITE, NOTE. Includes sections for MESS HALL and COMFORT STATION.

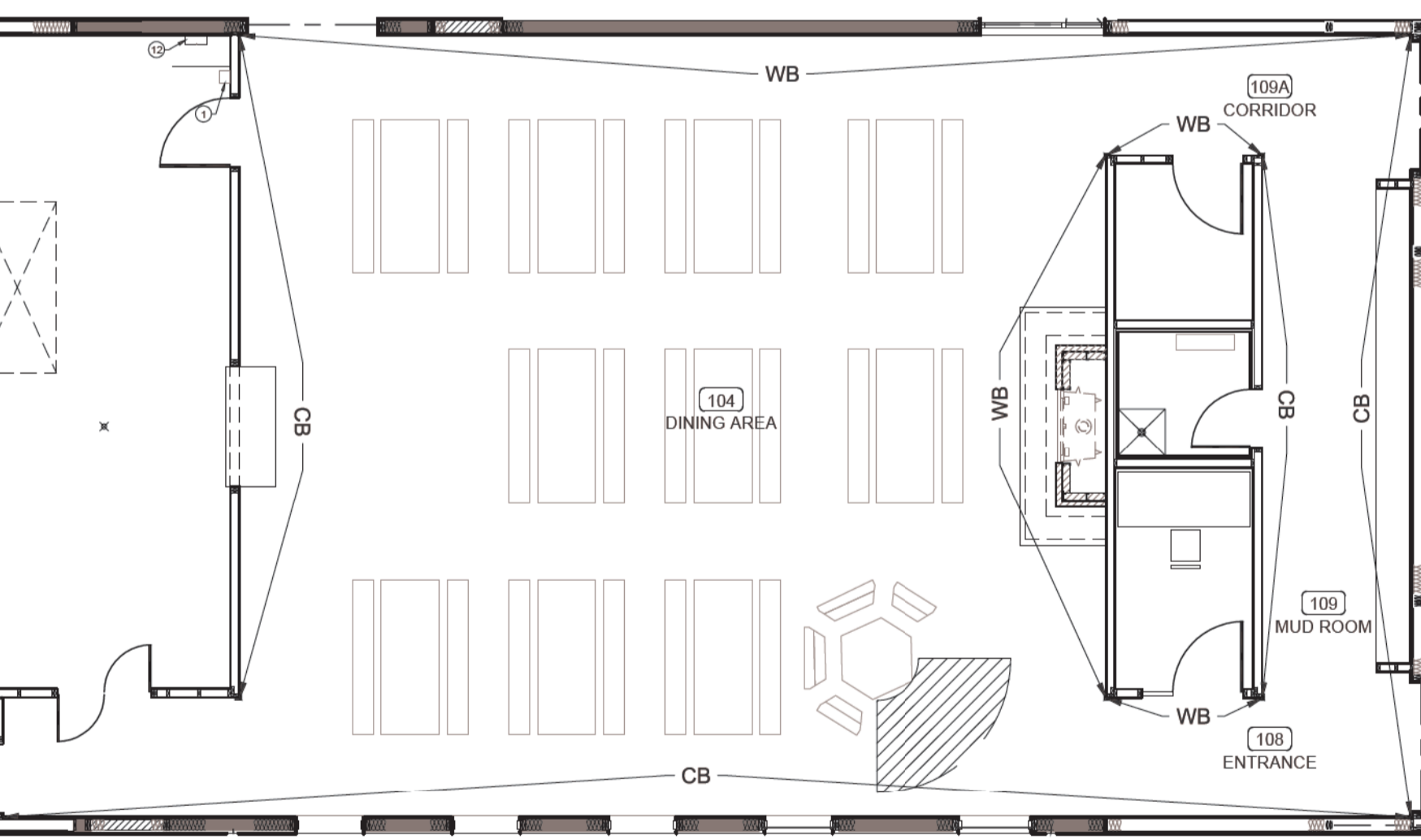
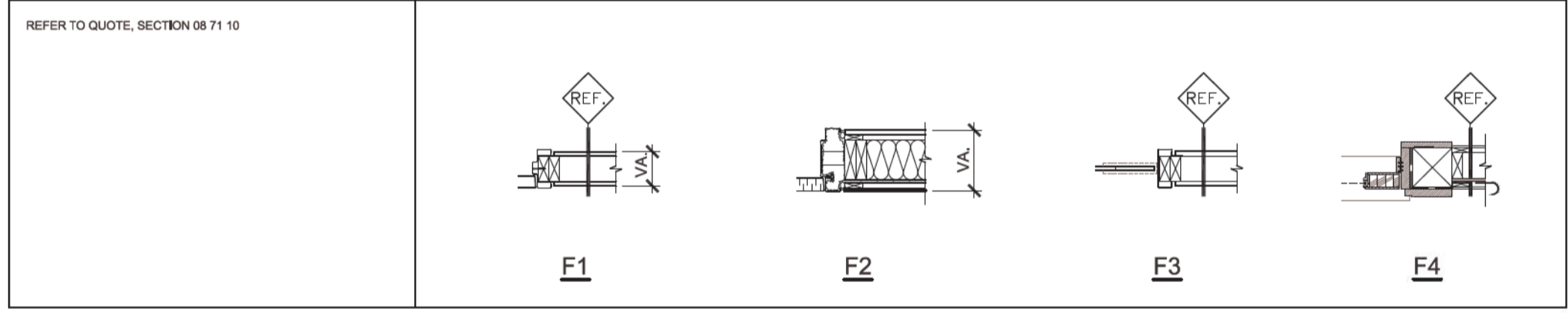
WINDOW AND FRAME SCHEDULE

Table with columns: NO, UNIT SIZE (H X W), ROOM NU., MAT'L, FIN., FRAME TYPE, GLASS TYPE, HEAD AND SILL TYPE, JAMB TYPE. Includes sections for MESS HALL and COMFORT STATION.

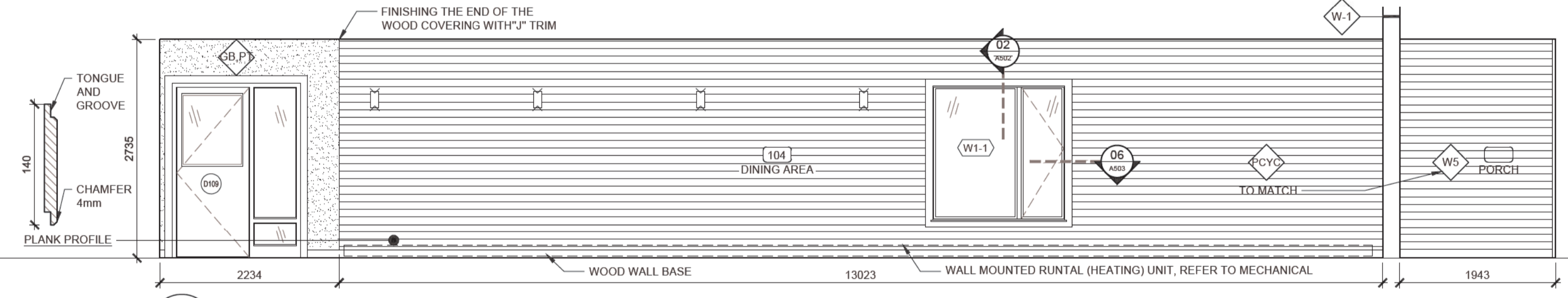
DOOR & WINDOW SCHEDULE - NOTES & LEGEND

Table with columns: DOOR, GLAZING, MATERIALS, FINISHES, HARDWARE AND ACCESSORIES. Includes abbreviations for door types, glazing, materials, finishes, and hardware.

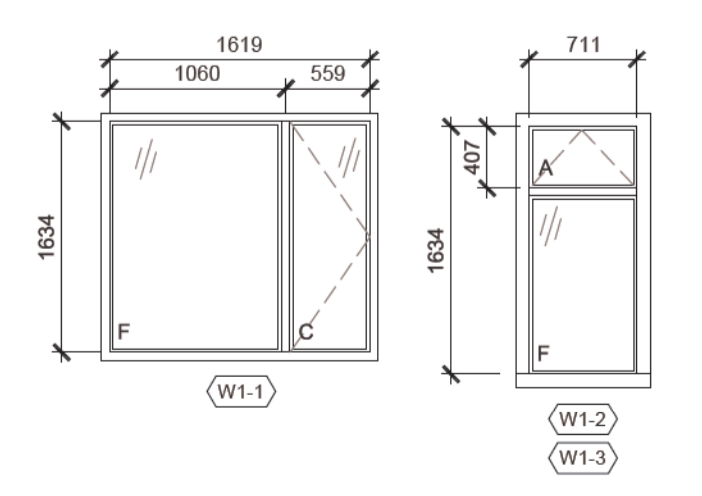
LEGEND FOR GROUPS OF HARDWARE



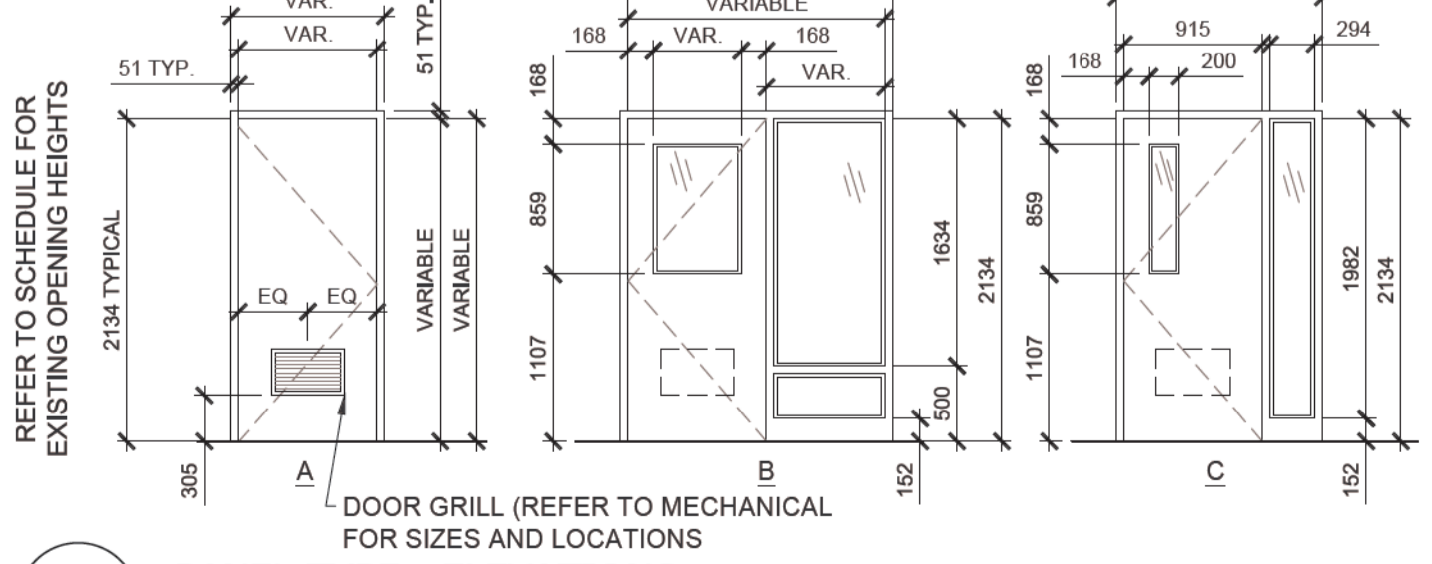
MESS HALL WALL BASE PLAN



03 A004 MESS HALL - INSIDE ELEVATION 1:50



02 A004 WINDOW ELEVATIONS 1:50



01 A004 PANEL TYPE - ELEVATIONS 1:50



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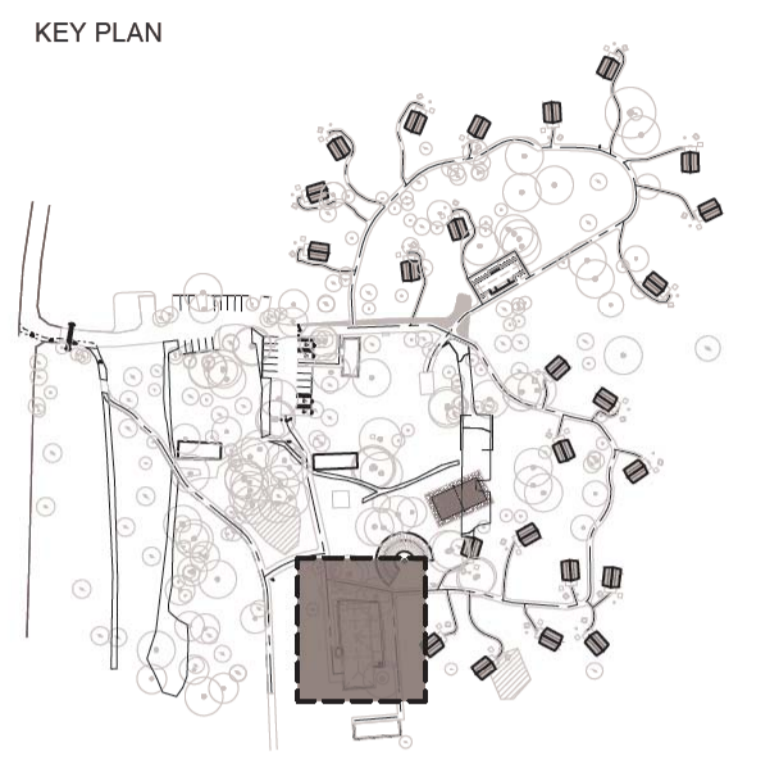


Table with columns: Date, Description, Revision. Includes a stamp for the Ontario Association of Architects.

2017-02-10 Issued for Tender 00



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Project POINT PELEE NATIONAL PARK CAMP HENRY RENEWAL Leamington, Ontario Canada

Drawing Title OPENING SCHEDULES ROOM FINISH SCHEDULES

Drawn By: R. ST-PIERRE / D. SMITH Designed By: J. GODIN Approved By: M.C. LEBLOND

Drawing Scale AS INDICATED

Date March 28th, 2016

Table with columns: Project No., File DAO, Drawing No., Revision. Values: 16-0167, 16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG, A004, 00

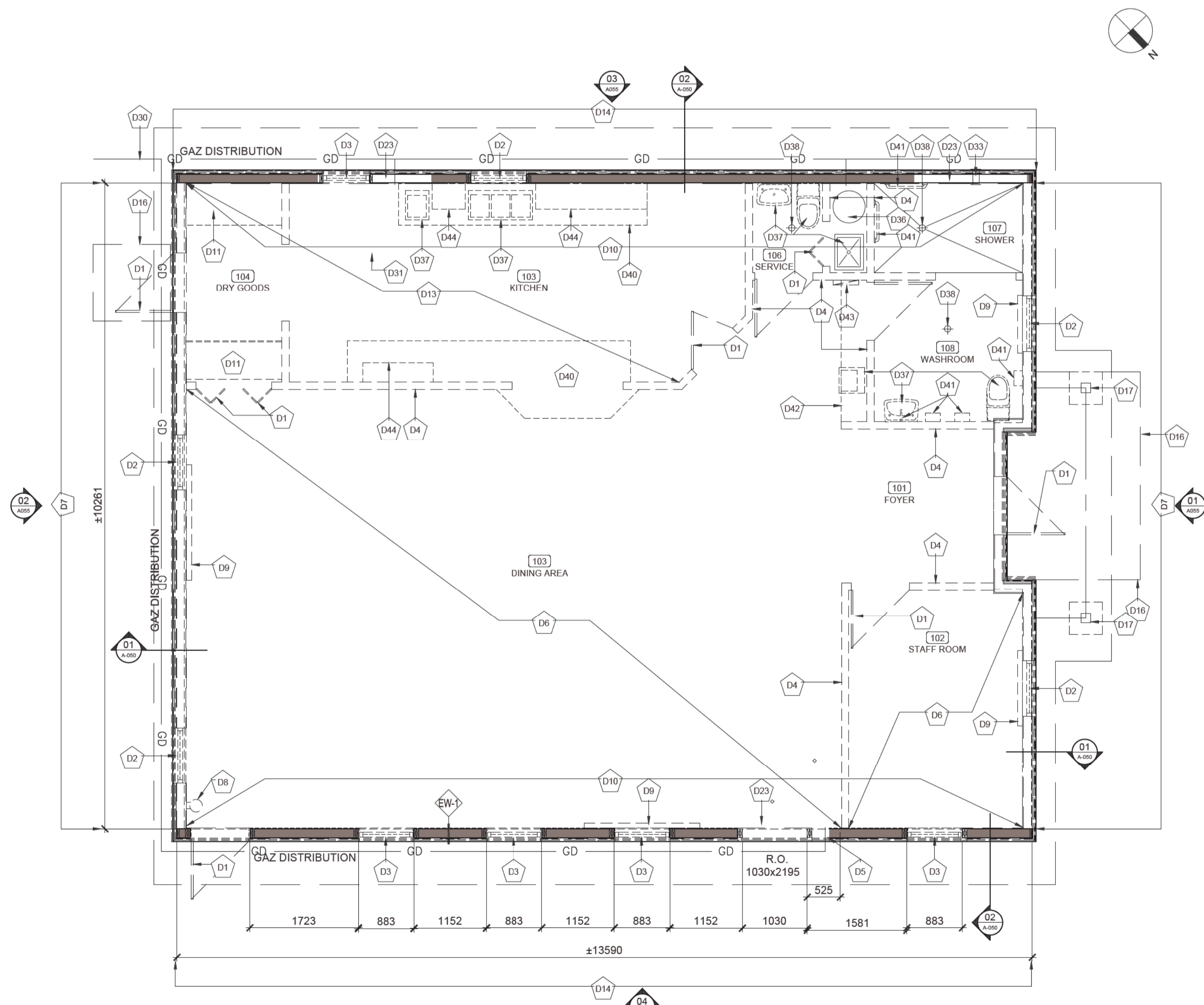
DEMOLITION NOTES

- D1 REMOVE EXISTING DOOR, FRAME AND HARDWARE. DISPOSE OFF SITE.
- D2 REMOVE EXISTING WINDOW, FRAME, HARDWARE AND WINDOW TREATMENTS. DISPOSE OFF SITE.
- D3 REMOVE EXISTING WINDOW, FRAME AND HARDWARE AND WINDOW TREATMENTS. DISPOSE OFF SITE. REMOVE ALL EXISTING FRAMING BELOW WINDOW SILL AND PREPARE ROUGH OPENING TO RECEIVE NEW DOOR AND FRAME.
- D4 DEMOLISH EXISTING 89mm PARTITION IN ITS ENTIRETY.
- D5 REPAIR ALL EXISTING OPENINGS, WHERE PREVIOUS NATURAL GAS FIREPLACE RESIDED INCLUDING VENT OPENINGS WITH MATERIALS OF SIMILAR QUALITY AND CONSTRUCTION.
- D6 EXISTING EPOXY FLOORING TO BE PROTECTED THROUGHOUT THE DURATION OF DEMOLITION AND CONSTRUCTION.
- D7 EXISTING 140mm EXTERIOR WALL TO BE DEMOLISHED IN ITS ENTIRETY, INCLUDING GABLE END ABOVE. PROVIDE TEMPORARY SHORING AND OR BRACING AS REQUIRED. (REFER TO STRUCTURAL DRAWINGS)
- D8 EXISTING FIRE EXTINGUISHER TO BE RECOVERED. TURN OVER TO OWNER
- D9 EXISTING ELECTRICAL BASEBOARD HEATER TO BE DISCONNECTED AND REMOVED. REFER TO ELECTRICAL.
- D10 REMOVE EXISTING GYPSUM BOARD, VAPOUR BARRIER, BATT INSULATION AND ALL ASSOCIATED ITEMS INCLUDING BUT NOT LIMITED TO: WALL BASE, MOLDING, TRIM AND WOODEN WAINSCOTTING. ALL WALL MOUNTED ACCESSORIES TO BE REMOVED EXCEPT WHERE INDICATED.
- D11 REMOVE EXISTING SHELVING AND DISCARD OFF SITE.

- ~~D12~~ DEMOLITION NOTE REMOVED.
- D13 REMOVE EXISTING VINYL TILES.
- D14 REMOVE EXISTING EXTERIOR CLADDING, INCLUDING BUT NOT LIMITED TO: SUPPORTING HORIZONTAL FURRING STRIPS, AIR BARRIER, CORNER TRIM, WINDOW TRIM AND FLASHINGS.
- D15 EXISTING COUNTERTOP AND ADJOINING LOWER CABINETS TO BE REMOVED. STAINLESS STEEL COUNTERTOPS ARE TO BE TURNED OVER TO OWNER AND CABINETS DISCARDED OFF SITE.
- D16 REMOVE EXISTING INTERLOCKING CONCRETE PAVERS. DISCARD OFF SITE.
- D17 REMOVE EXISTING WOODEN COLUMN.
- D18 REMOVE EXISTING FLASHING, FASCIA, GUTTERS, EAVESTROUGHS AND DOWNSPOUTS. DISCARD OFF SITE.
- D19 REMOVE ALL EXISTING ASPHALT SHINGLES UNDERLAYMENT, EAVE PROTECTION AND FLASHING. DISCARD OFF SITE.
- D20 REMOVE EXISTING GYPSUM BOARD, STRAPPING, AND CEILING MOUNTED FIXTURES. ALL CEILING MOUNTED ACCESSORIES TO BE REMOVED EXCEPT WHERE INDICATED.
- D21 DISCONNECT AND REMOVE EXISTING FIREPLACE VENT. (REFER TO MECHANICAL DRAWINGS)
- D22 REMOVE EXISTING ROOF VENT. PATCH AND REPAIR SUBSTRATE WITH MATERIALS OF LIKE CONSTRUCTION AND QUALITY.
- D23 PROVIDE NEW ROUGH OPENING IN EXTERIOR LOAD BEARING WALL TO RECEIVE NEW DOOR OR WINDOW & FRAME. PROVIDE TEMPORARY SHORING AND OR BRACING AS REQUIRED. (REFER TO STRUCTURAL DRAWINGS)

- D24 REMOVE EXISTING WINDOW, FRAME, HARDWARE AND WINDOW TREATMENTS. ENLARGE OPENING TO RECEIVE NEW 915mm x 2135mm EXTERIOR DOOR. PROVIDE TEMPORARY SHORING AND OR BRACING AS REQUIRED. (REFER TO STRUCTURAL DRAWINGS)
- D25 REMOVE EXISTING SIGNAGE AND DISCARD OFF SITE.
- D26 DEMOLISH EXISTING PORCH ROOF IN ITS ENTIRETY.
- D27 DISCONNECT & REMOVE EXTERIOR LIGHT FIXTURE. (REFER TO ELECTRICAL DRAWINGS)
- D28 EXHAUST / VENT GRILL TO BE REMOVED. REFER TO MECHANICAL DRAWINGS. PATCH AND REPAIR FRAMING & SUBSTRATE WITH MATERIALS OF LIKE CONSTRUCTION AND QUALITY.
- ~~D29~~ DEMOLITION NOTE REMOVED.
- D30 DISCONNECT AND REMOVE EXISTING NATURAL GAS LINE & METER. REFER TO MECHANICAL DRAWINGS. PATCH AND REPAIR FRAMING & SUBSTRATE WITH MATERIALS OF LIKE CONSTRUCTION AND QUALITY.
- D31 PATCH AND REPAIR ALL OPENINGS WHERE GREASE LATENT EXHAUST SYSTEM WAS REMOVED. REMOVE ANY REMAINING COMPONENTS AND DISCARD OFF SITE. PATCH AND REPAIR FRAMING & SUBSTRATE WITH MATERIALS OF LIKE CONSTRUCTION AND QUALITY.
- D32 DISCONNECT AND REMOVE EXISTING HOSE BIB. REFER TO MECHANICAL DRAWINGS. PATCH AND REPAIR FRAMING & SUBSTRATE WITH MATERIALS OF LIKE CONSTRUCTION AND QUALITY.
- D33 DISCONNECT AND REMOVE VENTING / EXHAUST FAN. REFER TO MECHANICAL DRAWINGS. PATCH AND REPAIR FRAMING & SUBSTRATE WITH MATERIALS OF LIKE CONSTRUCTION AND QUALITY.
- D34 REMOVE EXISTING HOSE HANGER.

- D35 DISCONNECT & REMOVE EXISTING VENT STACK. REFER TO MECHANICAL DRAWINGS. PATCH AND REPAIR FRAMING & SUBSTRATE WITH MATERIALS OF LIKE CONSTRUCTION AND QUALITY.
- D36 ALL EXISTING MECHANICAL & ELECTRICAL EQUIPMENT TO BE DISCONNECTED & REMOVED. REFER TO OTHER DISCIPLINES.
- D37 EXISTING PLUMBING FIXTURE TO BE REMOVED & DISCARDED OFF SITE. REFER TO MECHANICAL DRAWINGS.
- D38 EXISTING FLOOR DRAIN TO BE REMOVED OR CONDEMNED. PATCH & REPAIR EXISTING CONCRETE SLAB, VAPOUR BARRIER INSULATION AND ENSURE VAPOUR BARRIER CONTINUITY. REFER TO MECHANICAL DRAWINGS.
- ~~D39~~ DEMOLITION NOTE REMOVED
- D40 REMOVE EXISTING COUNTERTOP & ALL LOWER CABINETS, DRAWERS & BASES. DISCARD OFF SITE.
- D41 REMOVE ALL EXISTING WASHROOM / SANITARY ACCESSORIES INCLUDING BUT NOT LIMITED TO: SOAP DISPENSERS, PAPER TOWEL DISPENSERS, TOILET PAPER HOLDER, SANITARY NAPKIN DISPOSAL, MIRRORS, GRAB BARS, CURTAIN RODS AND/OR TOWEL RACKS. DISCARD OFF SITE
- D42 DEMOLISH EXISTING BULKHEAD.
- D43 DISCONNECT & REMOVE EXISTING ELECTRICAL PANEL. REFER TO ELECTRICAL DRAWINGS.
- D44 REMOVE EXISTING SHELVING / UPPER CABINETS



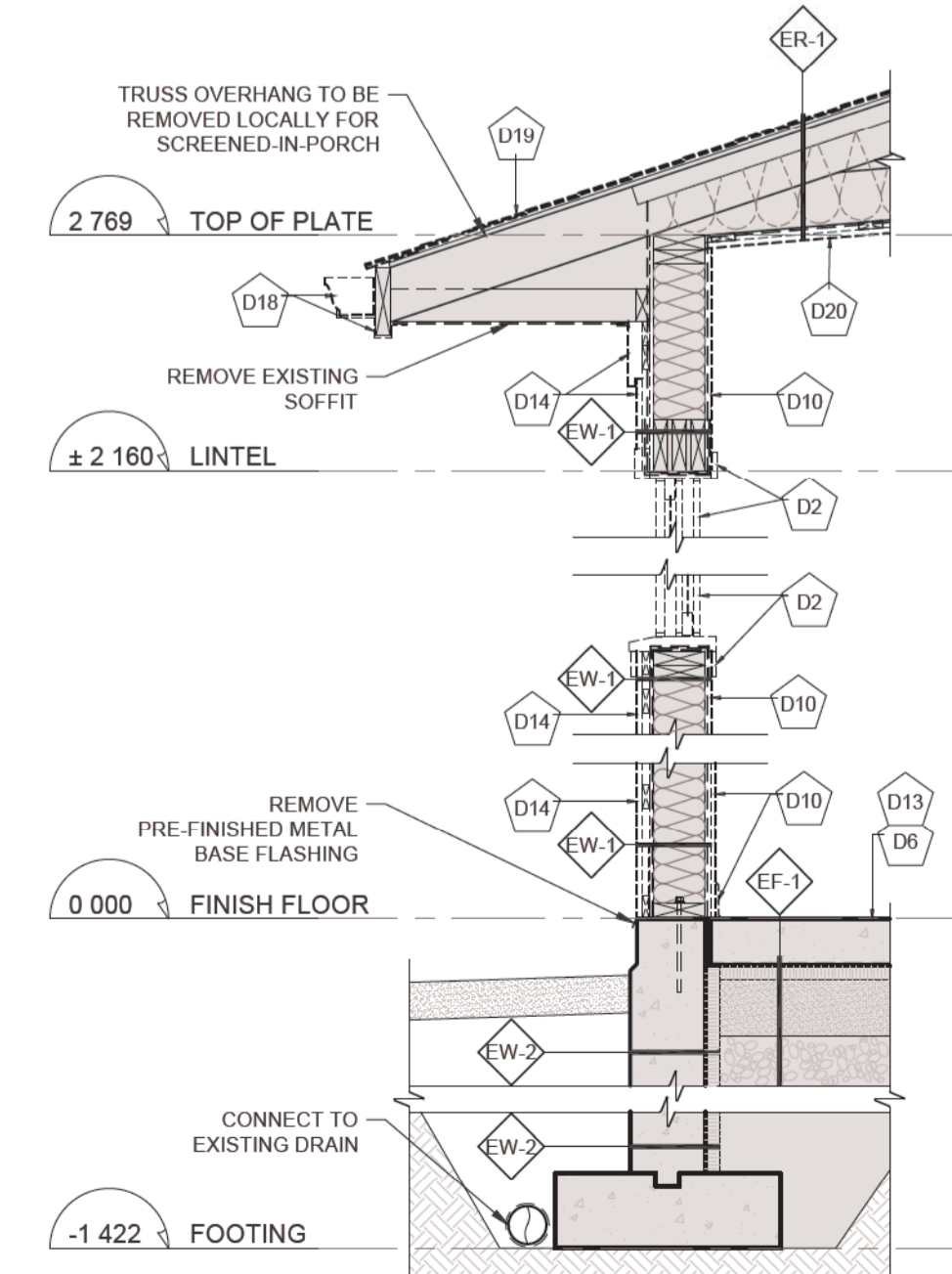
- LEGEND
- EXTERIOR WALL TO BE DEMOLISHED
 - EXISTING WALL TO REMAIN

- NOTES
1. ALL CEILING FIXTURES, INCLUDING BUT NOT LIMITED TO LIGHTS, SMOKE DETECTORS, ACCESS HATCHES, CEILING FANS AND EXHAUST FAN ARE TO BE DISCONNECTED AND REMOVED. REFER TO MECHANICAL & ELECTRICAL DRAWINGS
 2. ALL DRYWALL CEILINGS ARE TO BE DEMOLISHED INCLUDING EXISTING STRAPPING, VAPOUR BARRIER AND INSULATION. STRUCTURAL FRAMING / TRUSSES TO BE CONSERVED.

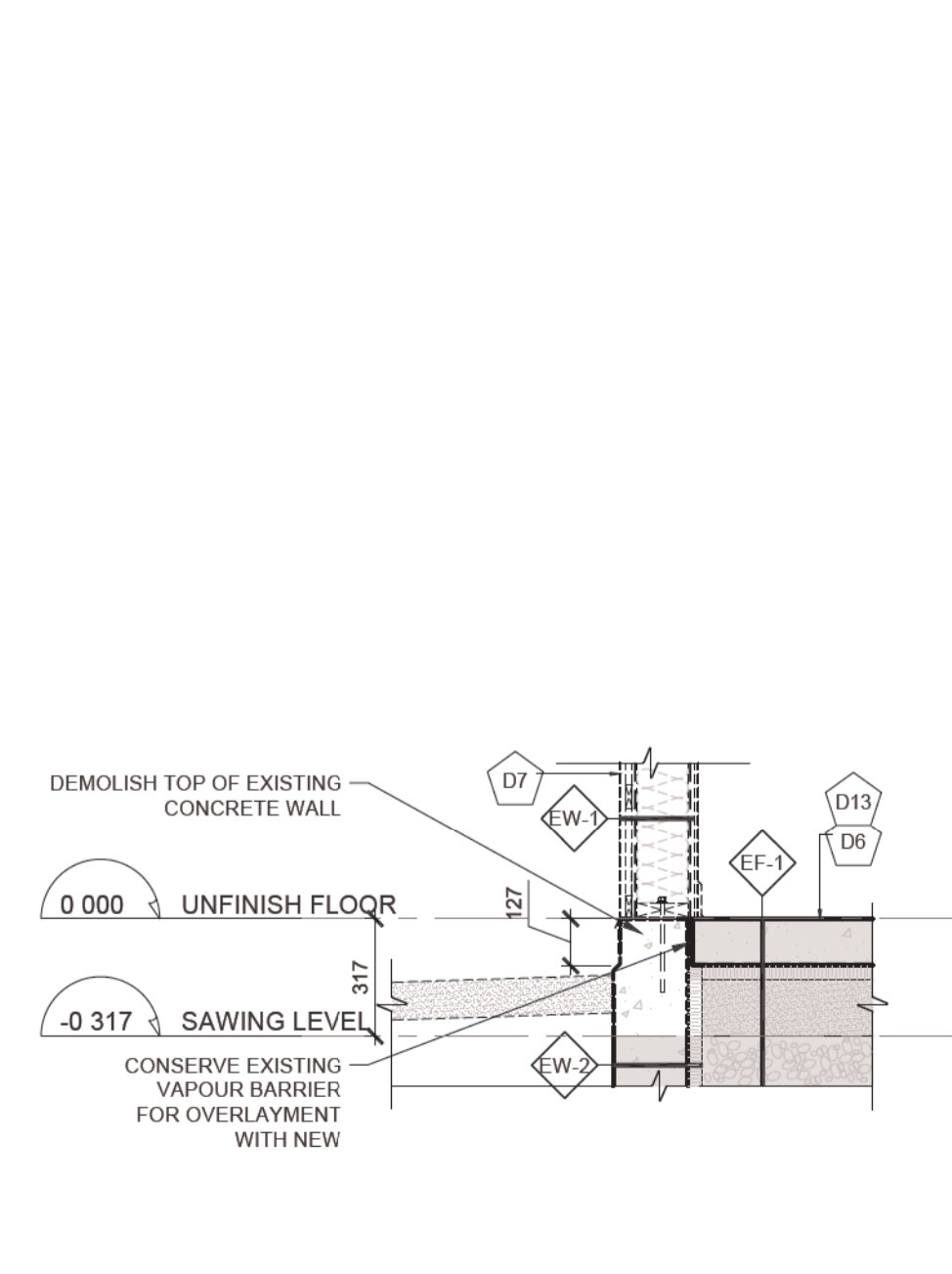
03 A050 DEMOLITION PLAN 1:50



EXISTING CONDITION



02 A050 DEMOLITION WALL SECTION 1:20



01 A050 DEMOLITION WALL SECTION 1:20

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KEY PLAN



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Date	Description	Revision
2017-02-10	Issued for Tender	00

Date	Description	Revision



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ALGERIA | CARIBBEAN | CHINA | COSTA RICA

Project
**POINT PELEE NATIONAL PARK
CAMP HENRY RENEWAL**
Leamington, Ontario
Canada

Drawing Title
**EXISTING MESS HALL
DEMOLITION PLAN**

Drawn By: R. ST-PIERRE / D. SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND

Drawing Scale
AS INDICATED

Date
March 28th, 2016

Project No.	File DAO
16-0167	16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No.	Revision
A050	00

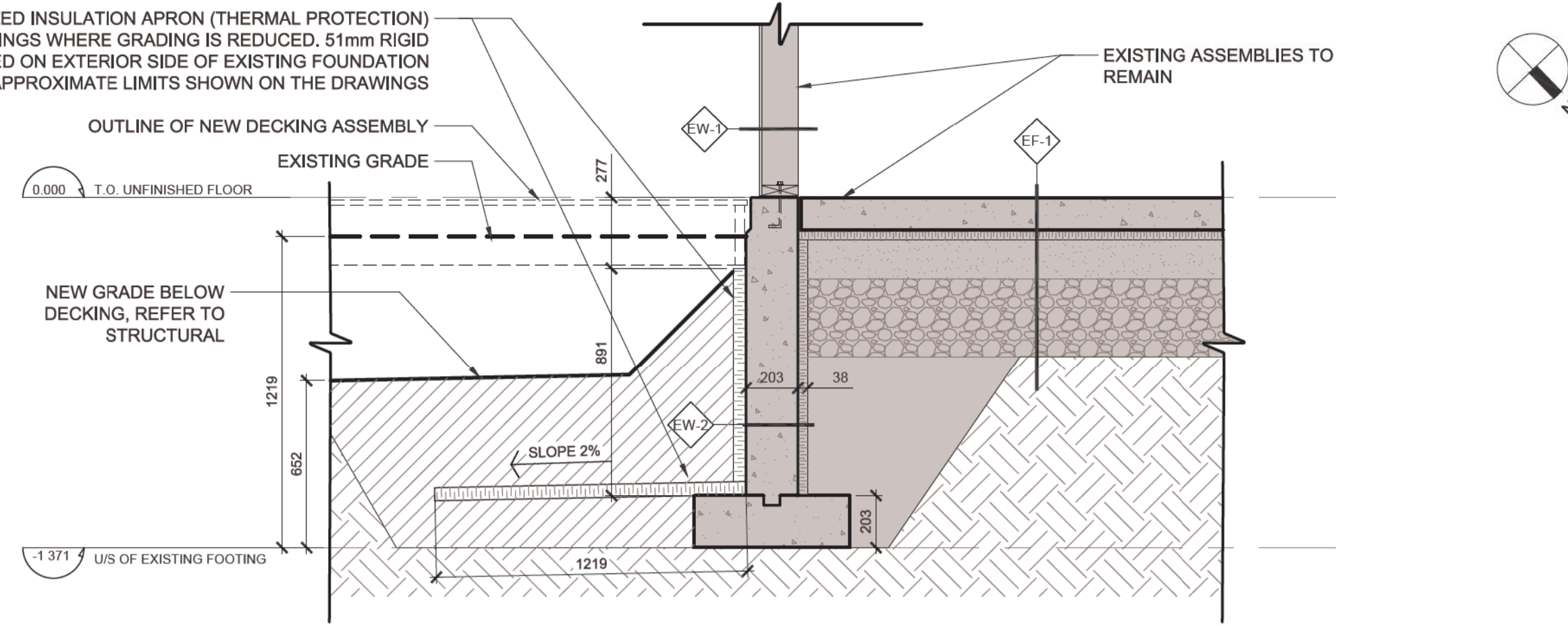
LEGEND

	NEW WALL
	EXISTING WALL TO REMAIN

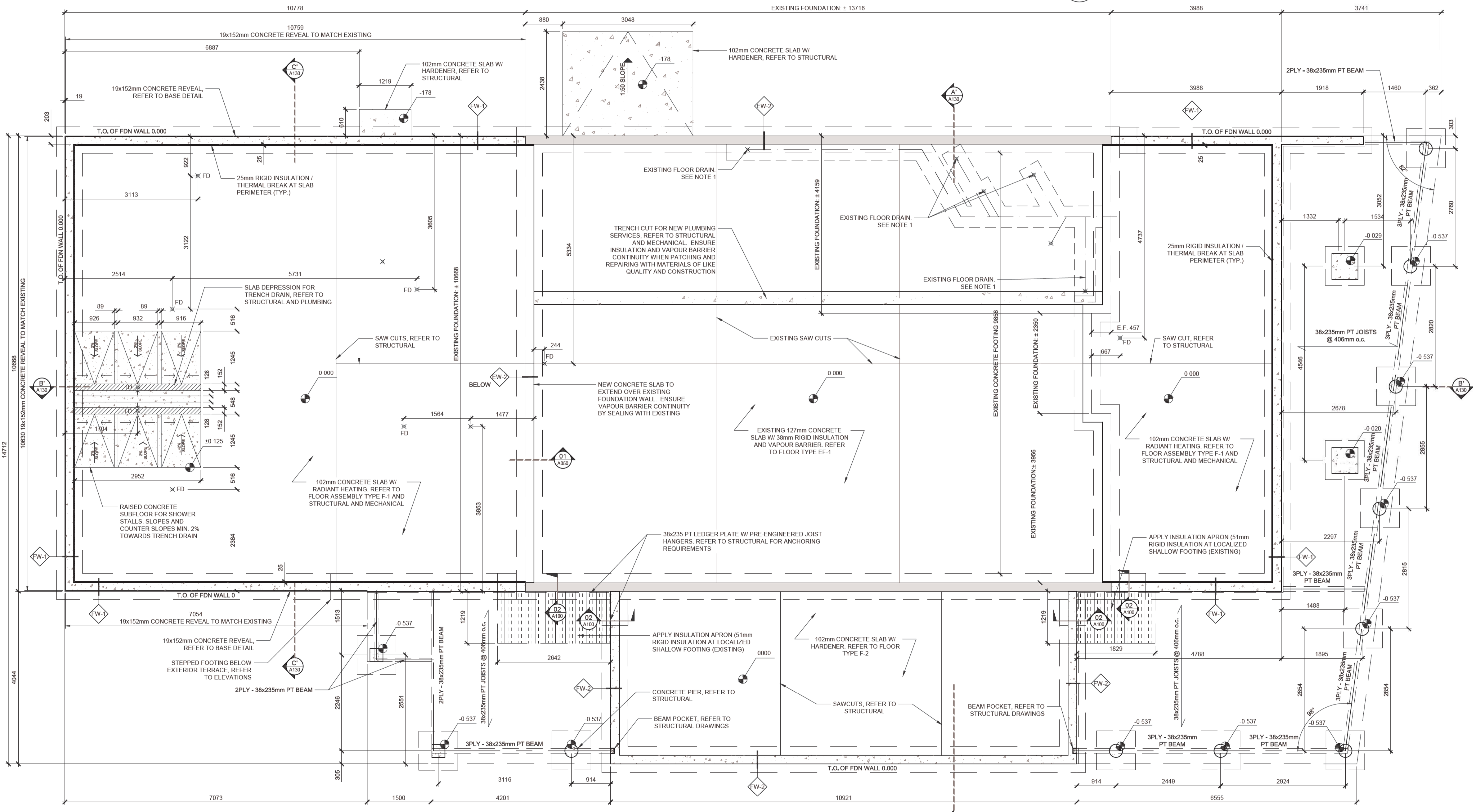
NOTES:

1- EXISTING CONCRETE SLAB IS TO BE REPAIRED WHERE REQUIRED FOR PLUMBING, DRAIN, PIPING OR OTHER REMOVAL, ALTERATION OR WHERE CONDEMNED, ENSURE THERMAL AND VAPOUR BARRIER CONTINUITY WITH MATERIALS OF LIKE CONSTRUCTION AND QUALITY.

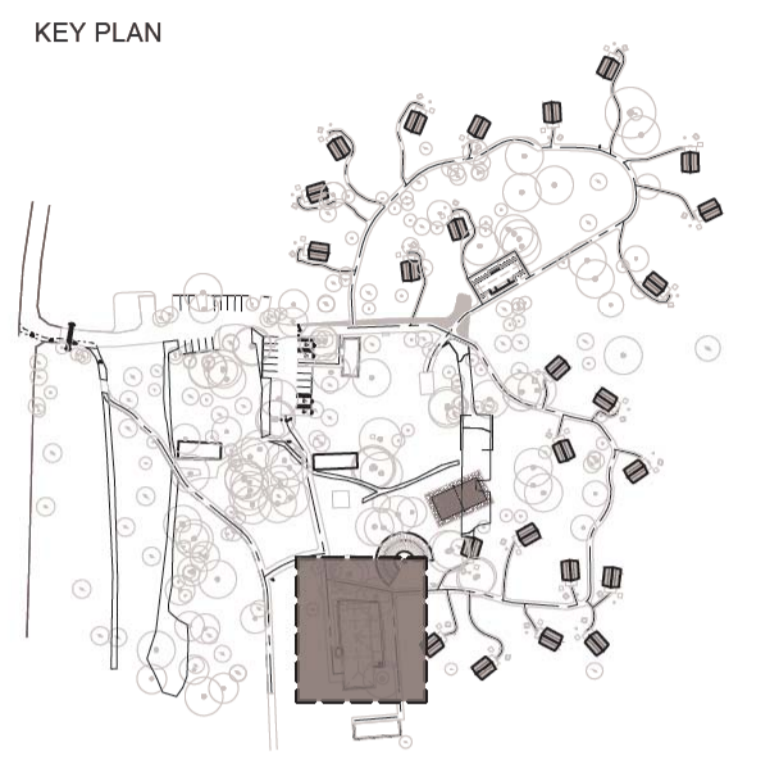
PROVIDE LOCALIZED INSULATION APRON (THERMAL PROTECTION) FOR EXISTING FOOTINGS WHERE GRADING IS REDUCED. 51mm RIGID INSULATION INSTALLED ON EXTERIOR SIDE OF EXISTING FOUNDATION TO THE APPROXIMATE LIMITS SHOWN ON THE DRAWINGS



02 A100 FROST PROTECTION @ UNDISTURBED EXISTING FOOTINGS 1:20



01 A100 FOUNDATION PLAN 1:50



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Project

**POINT PELEE NATIONAL PARK
CAMP HENRY RENEWAL**
Leamington, Ontario
Canada

Drawing Title

**MESS HALL
FOUNDATION PLAN**

Drawn By: R. ST-PIERRE / D. SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND



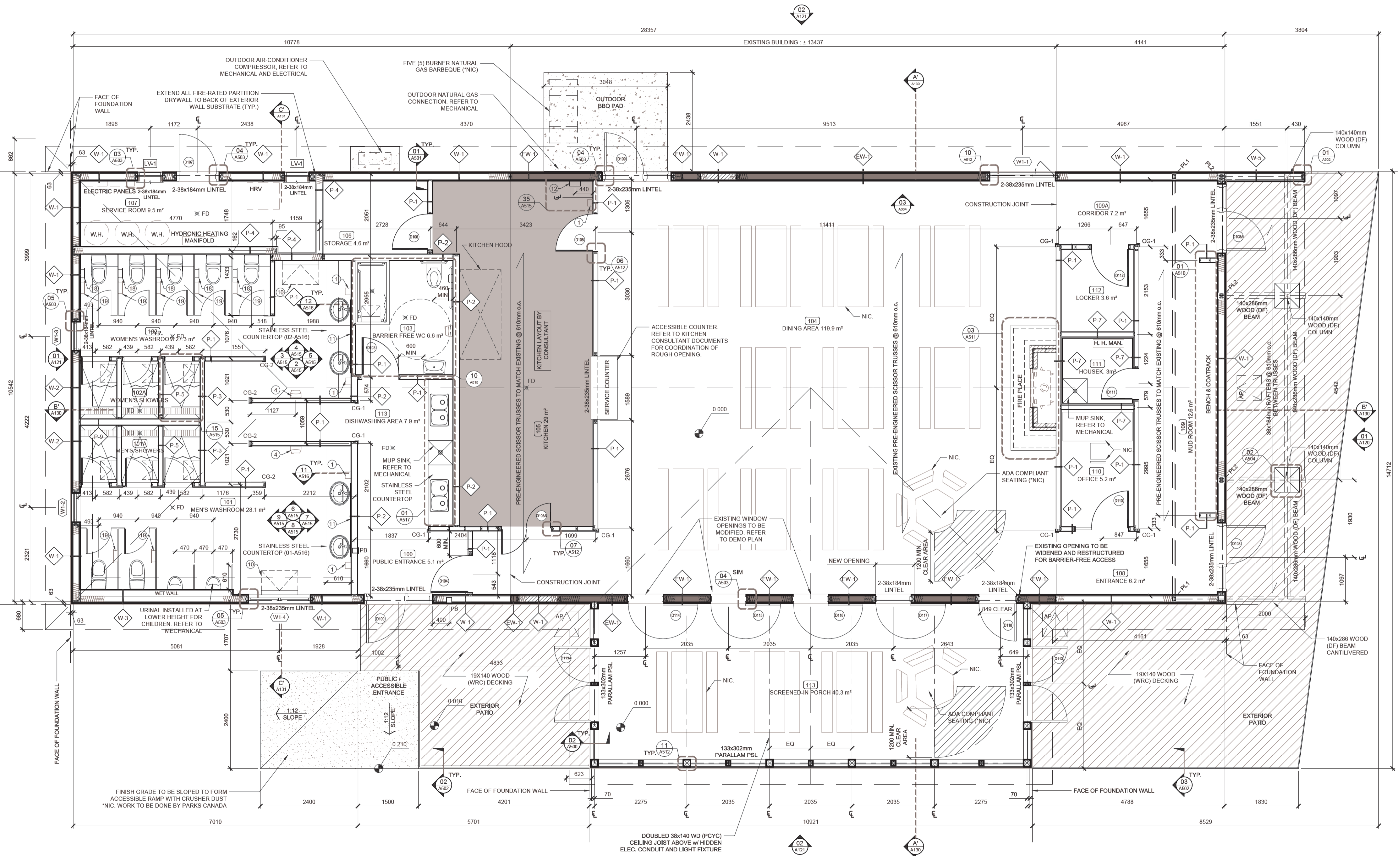
Date	March 28th, 2016
Project No.	16-0167
File DAO	16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No.	A100
Revision	00

LEGEND

	EXISTING WALL TO BE INFILLED
	EXISTING WALL TO REMAIN
	AUTOMATIC POWER DOOR OPERATOR BUTTON (REFER TO ELECTRICAL)
	CG-1 L-PROFILE CORNER GUARD: 75 x 75 x 800mm HIGH
	CG-2 U-PROFILE CORNER GUARD: 75 x 75 x 800mm HIGH THICKNESS x 75 x 800mm HIGH
	610x610mm REMOVABLE ACCESS PANEL FRAMED INTO DECK STRUCTURE
	FLOOR DRAIN (REFER TO PLUMBING)
	TRENCH DRAIN (REFER TO PLUMBING)

NOTES

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01 A101 MAIN FLOOR PLAN 1:50

Date: March 28th, 2016

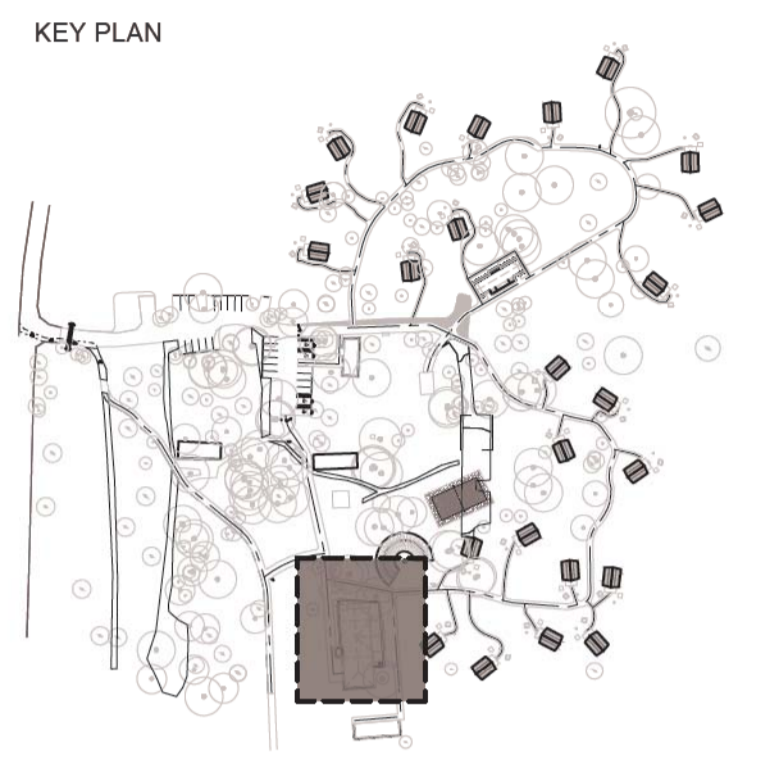
Project No. 16-0167	File DAO 16-0167-A-PEC-PTELEE-100-DINING HALL.DWG
Drawing No. A-101	Revision 00

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Project
**POINT PEELE NATIONAL PARK
CAMP HENRY RENEWAL**
Leamington, Ontario
Canada

Drawing Title
**MESS HALL
MAIN FLOOR PLAN**

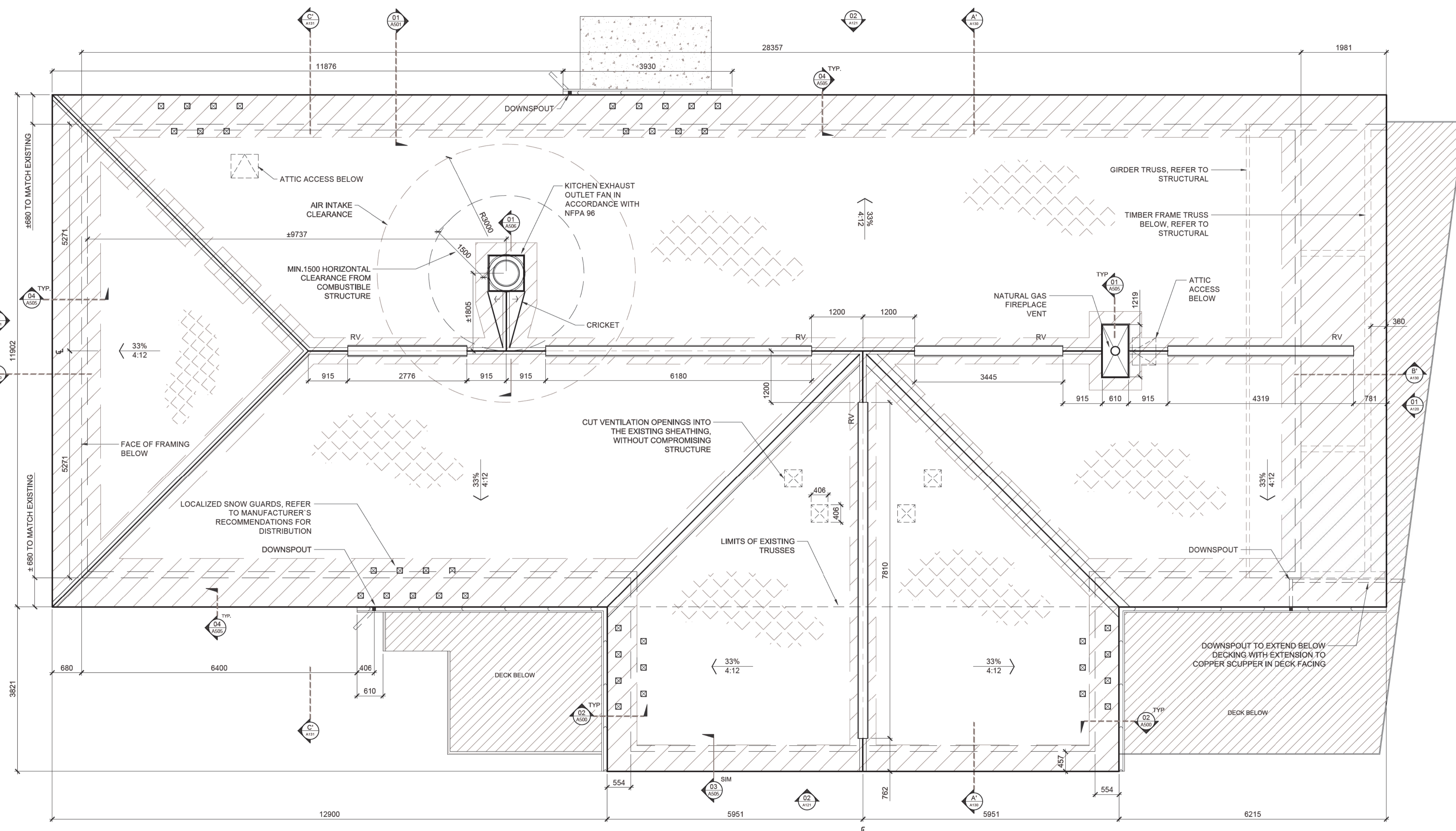
Drawn By: R. ST-PIERRE / D. SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND





ROOF PLAN LEGEND:

	EAVE PROTECTION		CONTINUOUS RIDGE VENT		LOCALIZED SNOW GUARDS
	PRE-FINISHED ALUMINUM GUTTER		RV		METAL SHINGLES
	GUTTER SLOPE				
	DOWN SPOUT				



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Date	Issued for Tender	00
Date	Description	Revision



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Project
**POINT PEELE NATIONAL PARK
 CAMP HENRY RENEWAL**
 Leamington, Ontario
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Drawing Title
**MESS HALL
 ROOF PLAN**

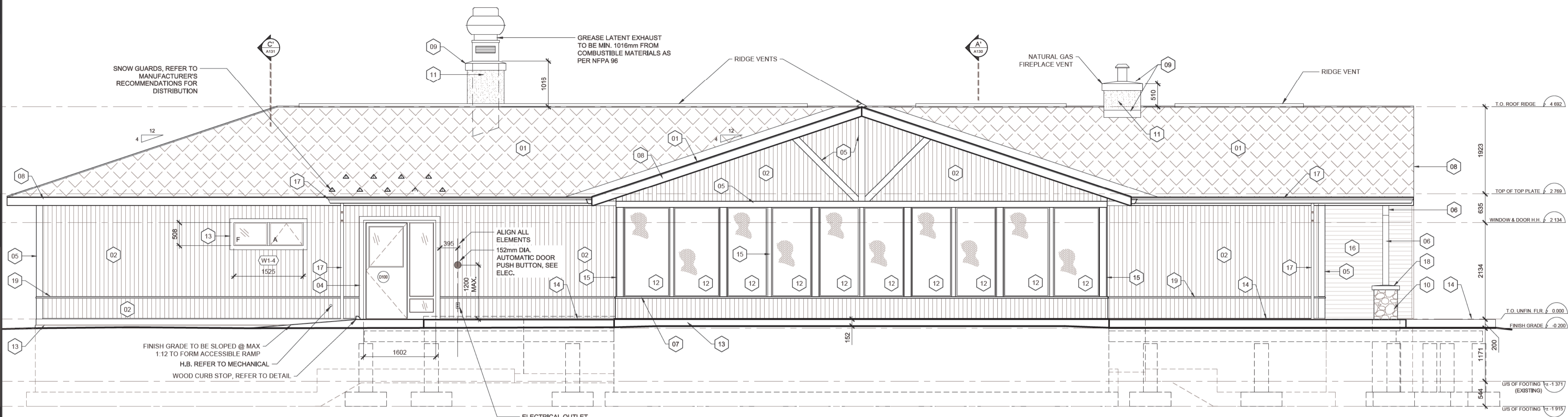
Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND

Drawing Scale
 1:50

Date
 March 28th, 2016

Project No.	File DAO
16-0167	16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No.	Revision
A102	00

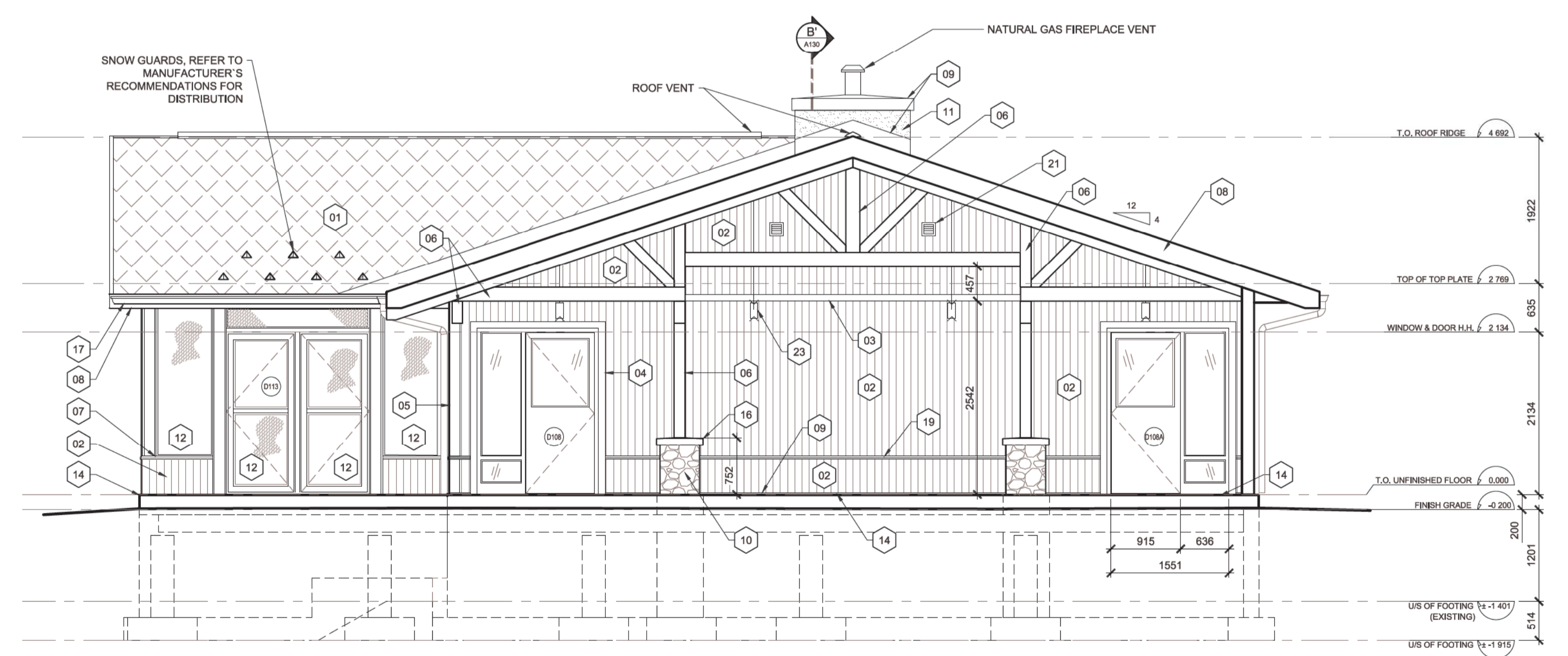
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A102 ROOF PLAN
 1:50



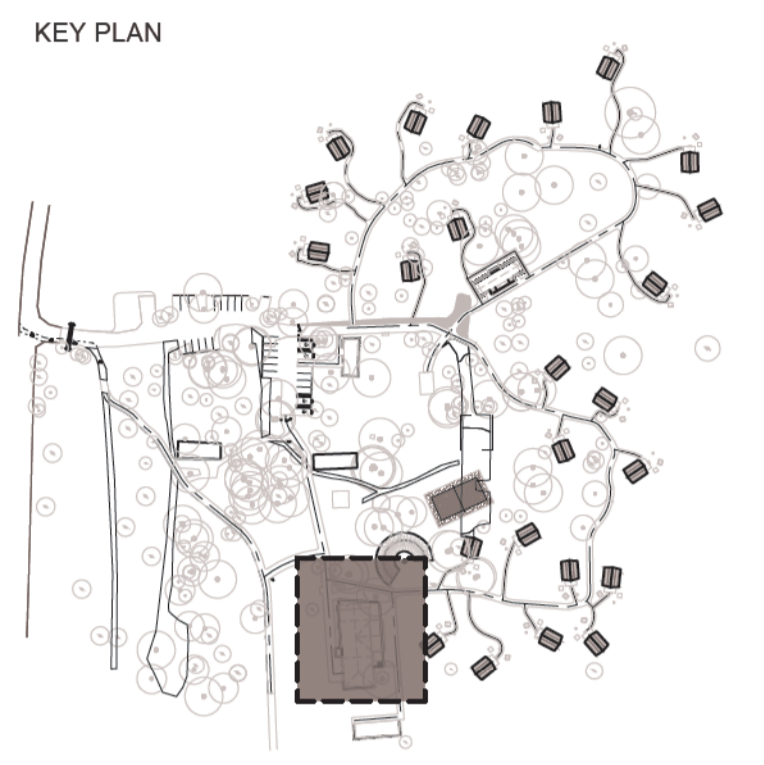
02 EAST ELEVATION 1:50

EXTERIOR FINISH LEGEND:

- 01 METAL SHINGLES
- 02 VERTICAL FIBRE CEMENT SIDING
- 03 19x89mm FIBRE CEMENT ARCHITECTURAL TRIM
- 04 30x89mm FIBRE CEMENT ARCHITECTURAL TRIM
- 05 19x140mm FIBRE CEMENT ARCHITECTURAL TRIM
- 06 DOUGLAS FIR TIMBER (REFER TO STRUCTURAL)
- 07 MILLED WOOD SILL (REFER TO DETAILS)
- 08 PRE-FINISHED METAL FASCIA
- 09 PRE-FINISHED SHEET METAL FLASHING
- 10 STONE VENEER CLADDING
- 11 PARGING APPLIED DIRECTLY TO SUBSTRATE
- 12 ALUMINIUM SCREENING
- 13 EXPOSED CONCRETE
- 14 WOOD DECKING
- 15 WOOD POST CLAD WITH 19mm FIBRE CEMENT TRIM, RIPPED TO SUIT
- 16 CLEAR WOOD SOFFIT (REFER TO SPECS)
- 17 PRE-FINISHED ALUMINUM GUTTER AND DOWNSPOUT
- 18 PRECAST CONCRETE SILL
- 19 CONTINUOUS SKIRT TRIM c/w SHEET METAL FLASHING (REFER TO DETAIL)
- 20 102mm ALUMINUM LOUVRE (REFER TO MECHANICAL)
- 21 EXHAUST GRILL (REFER TO MECHANICAL)
- 22 SURFACE MOUNTED LIGHT FIXTURE (REFER TO ELECTRICAL)
- 23 PENDULUM LIGHT FIXTURE (REFER TO ELECTRICAL)



01 NORTH ELEVATION 1:50



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2017-02-10	Issued for Tender	00

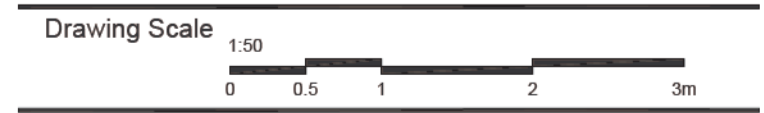


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Project
**POINT PELEE NATIONAL PARK
 CAMP HENRY RENEWAL**
 Leamington, Ontario
 Canada

Drawing Title
**MESS HALL
 EXTERIOR ELEVATIONS**

Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND



Date
 March 28th, 2016

Project No.	File DAO
16-0167	16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No.	Revision
A120	00



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2017-02-10	Issued for Tender	00

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Project
**POINT PEELE NATIONAL PARK
CAMP HENRY RENEWAL**
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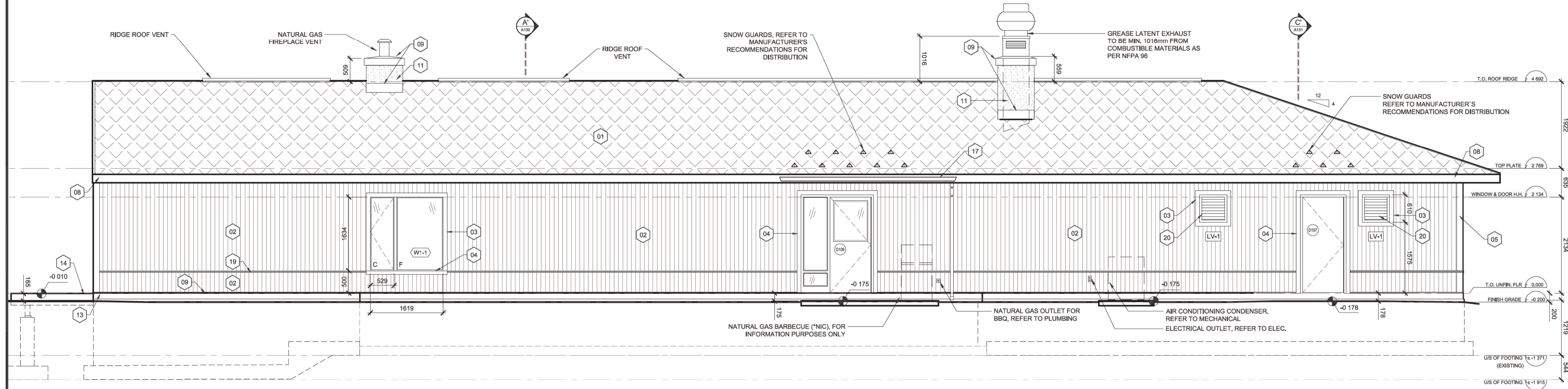
Drawing Title
**MESS HALL
EXTERIOR ELEVATIONS**

Drawn By: R. ST-PIERRE / D. SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND

Drawing Scale
1:50

Date
March 28th, 2016

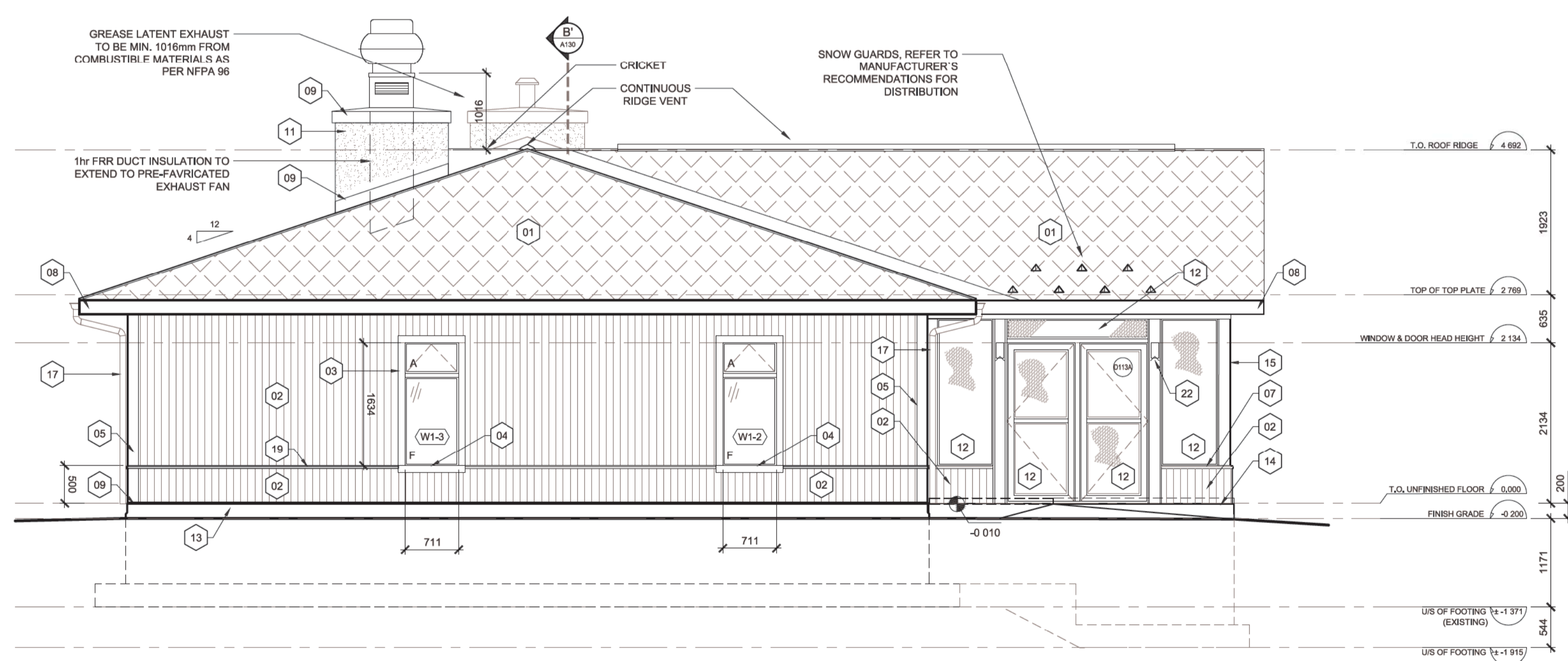
Project No.	File DAO
16-0167	16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No.	Revision
A121	00



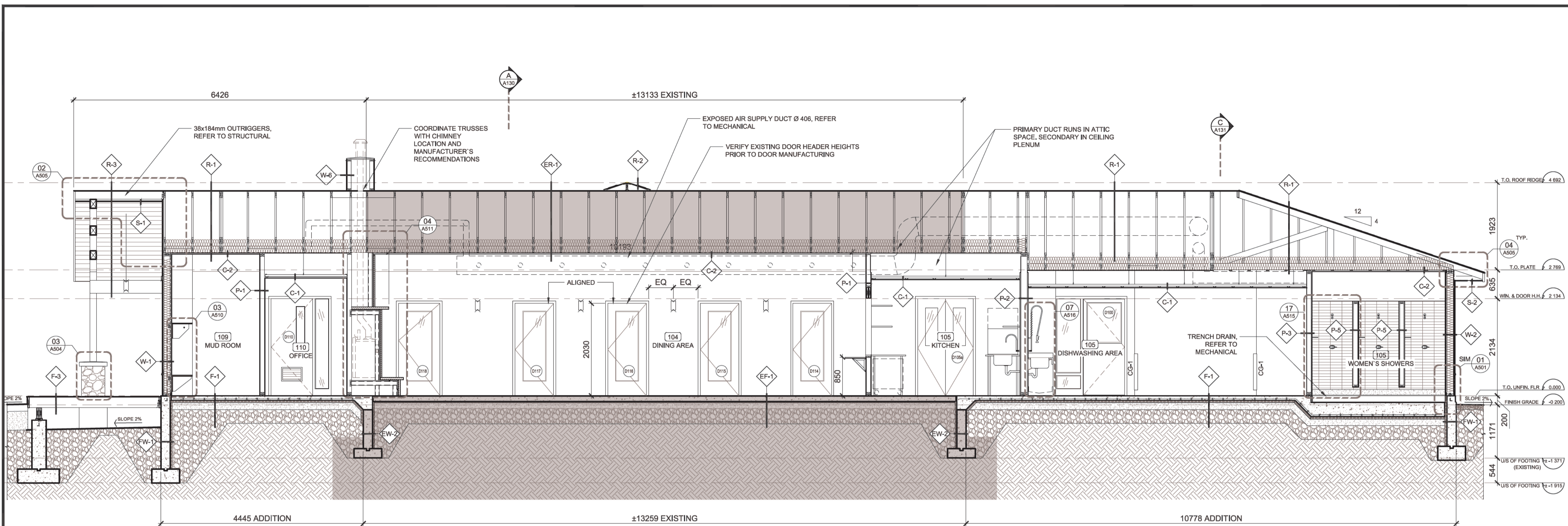
02 WEST ELEVATION
A121 1:50

EXTERIOR FINISH LEGEND:

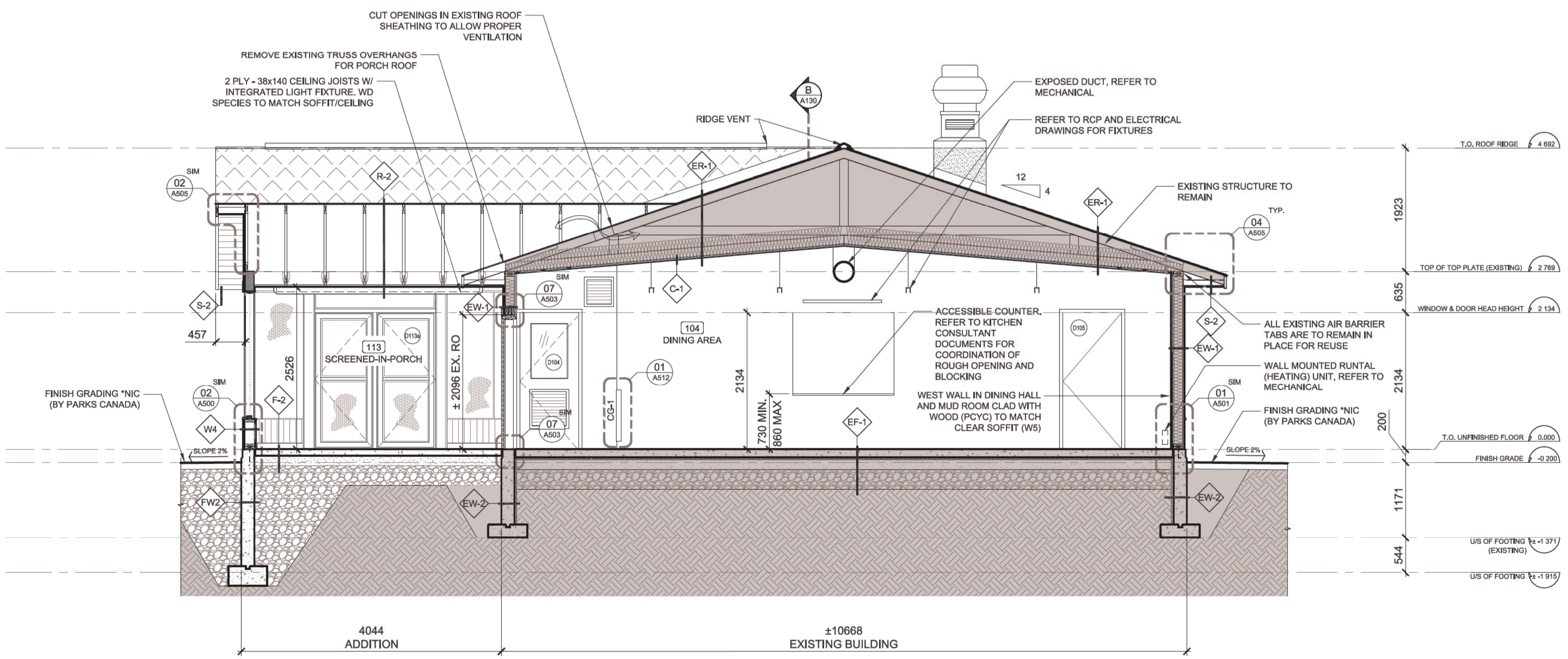
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02 VERTICAL FIBRE CEMENT SIDING	16 CLEAR WOOD SOFFIT (REFER TO SPECS)
03 19x89mm FIBRE CEMENT ARCHITECTURAL TRIM	17 PRE-FINISHED ALUMINUM GUTTER AND DOWNSPOUT
04 30x89mm FIBRE CEMENT ARCHITECTURAL TRIM	18 PRECAST CONCRETE SILL
05 19x140mm FIBRE CEMENT ARCHITECTURAL TRIM	19 CONTINUOUS SKIRT TRIM c/w SHEET METAL FLASHING (REFER TO DETAIL)
06 DOUGLAS FIR TIMBER (REFER TO STRUCTURAL)	20 102mm ALUMINUM LOUVRE (REFER TO MECHANICAL)
07 MILLED WOOD SILL (REFER TO DETAILS)	21 EXHAUST GRILL (REFER TO MECHANICAL)
08 PRE-FINISHED METAL FASCIA	22 SURFACE MOUNTED LIGHT FIXTURE (REFER TO ELECTRICAL)
09 PRE-FINISHED SHEET METAL FLASHING	23 PENDULUM LIGHT FIXTURE (REFER TO ELECTRICAL)
10 STONE VENEER CLADDING	
11 PARGING APPLIED DIRECTLY TO SUBSTRATE	
12 ALUMINIUM SCREENING	
13 EXPOSED CONCRETE	
14 WOOD DECKING	



01 SOUTH ELEVATION
A121 1:50



02 SECTION B-B'
A130 1:50



01 SECTION A-A'
A130 1:50



Engineer



KEY PLAN



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Project
POINT PELEE NATIONAL PARK
CAMP HENRY RENEWAL
Leamington, Ontario
Canada

Drawing Title
MESS HALL
BUILDING SECTIONS

Drawn By: R. ST-PIERRE / D. SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND

Drawing Scale
1:50

Date
March 28th, 2016

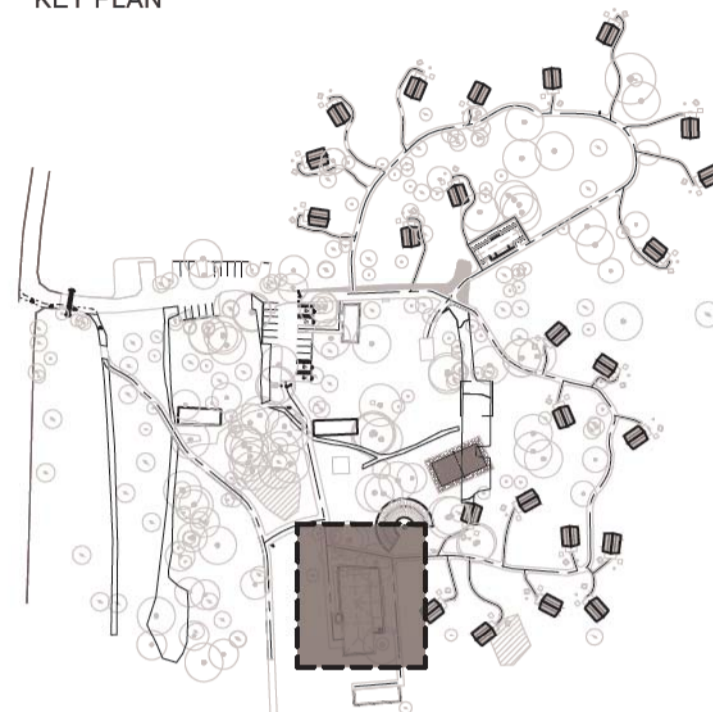
Project No.	File DAO
16-0167	16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No.	Revision
A130	00



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KEY PLAN



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Project
**POINT PEELE NATIONAL PARK
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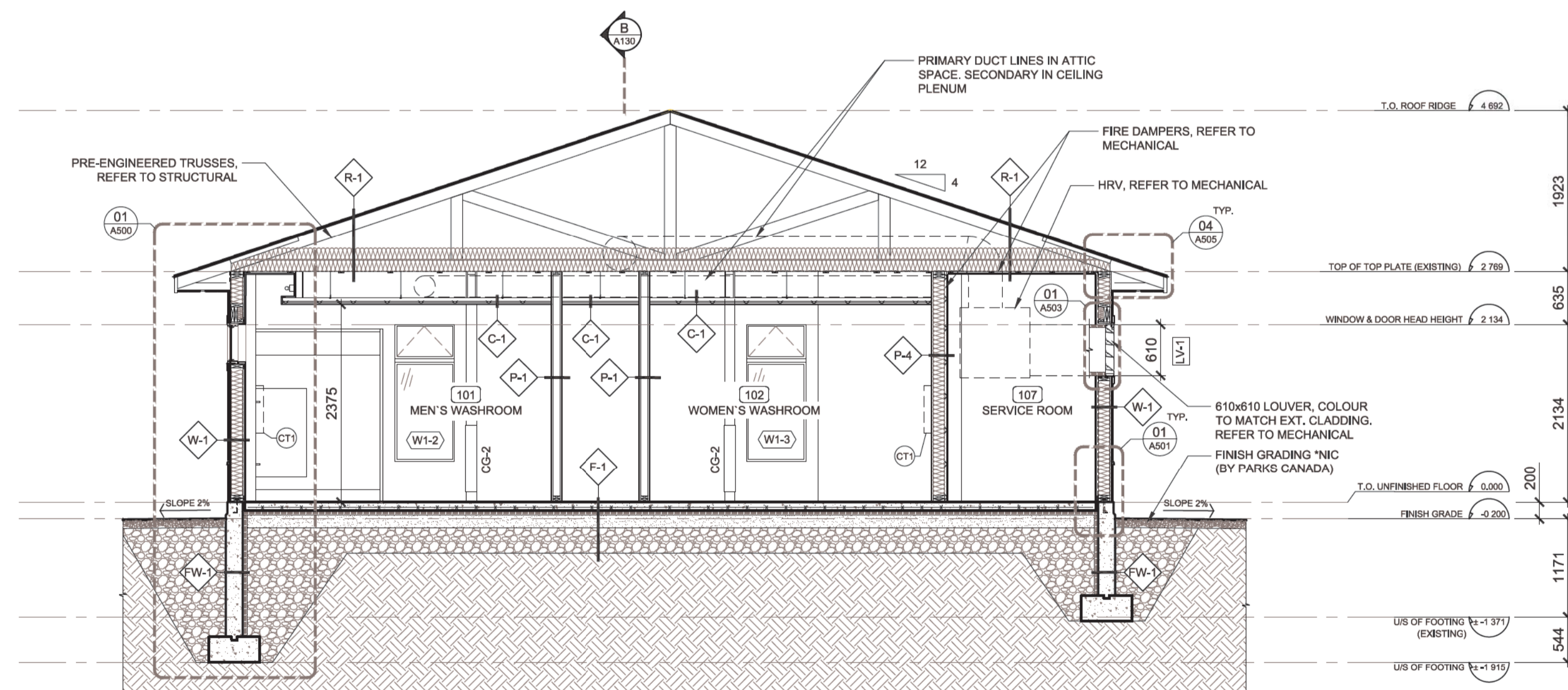
Drawing Title
**MESS HALL
 BUILDING SECTION**

Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND

Drawing Scale
 1:50

Date
 March 28th, 2016

Project No. 16-0167	File DAO 16-0167-A-PEC-PTPELEE-100 DINING HALL.DWG
Drawing No. A131	Revision 00



01 SECTION C-C
 A131 1:50



Engineer



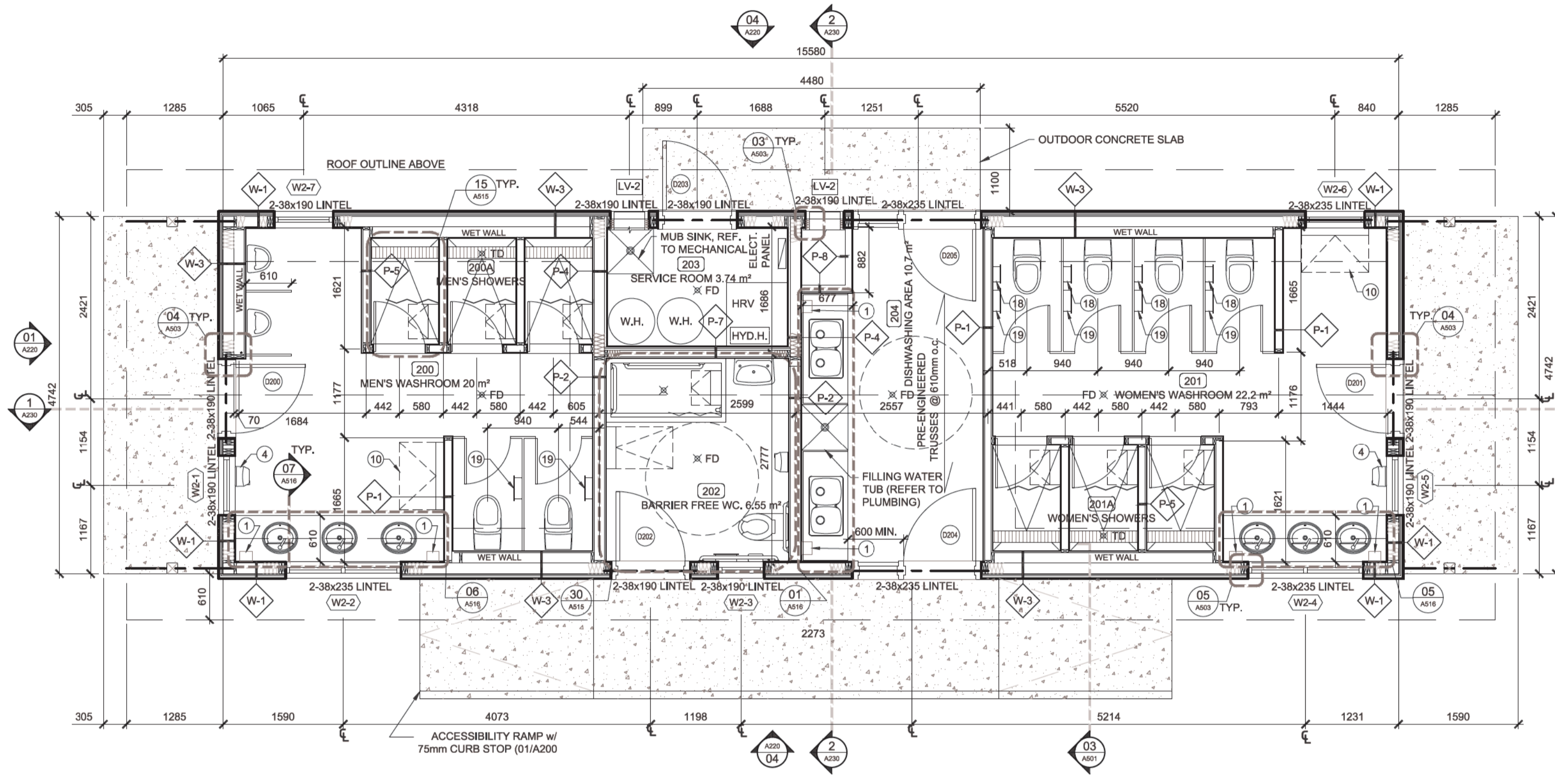
KEY PLAN



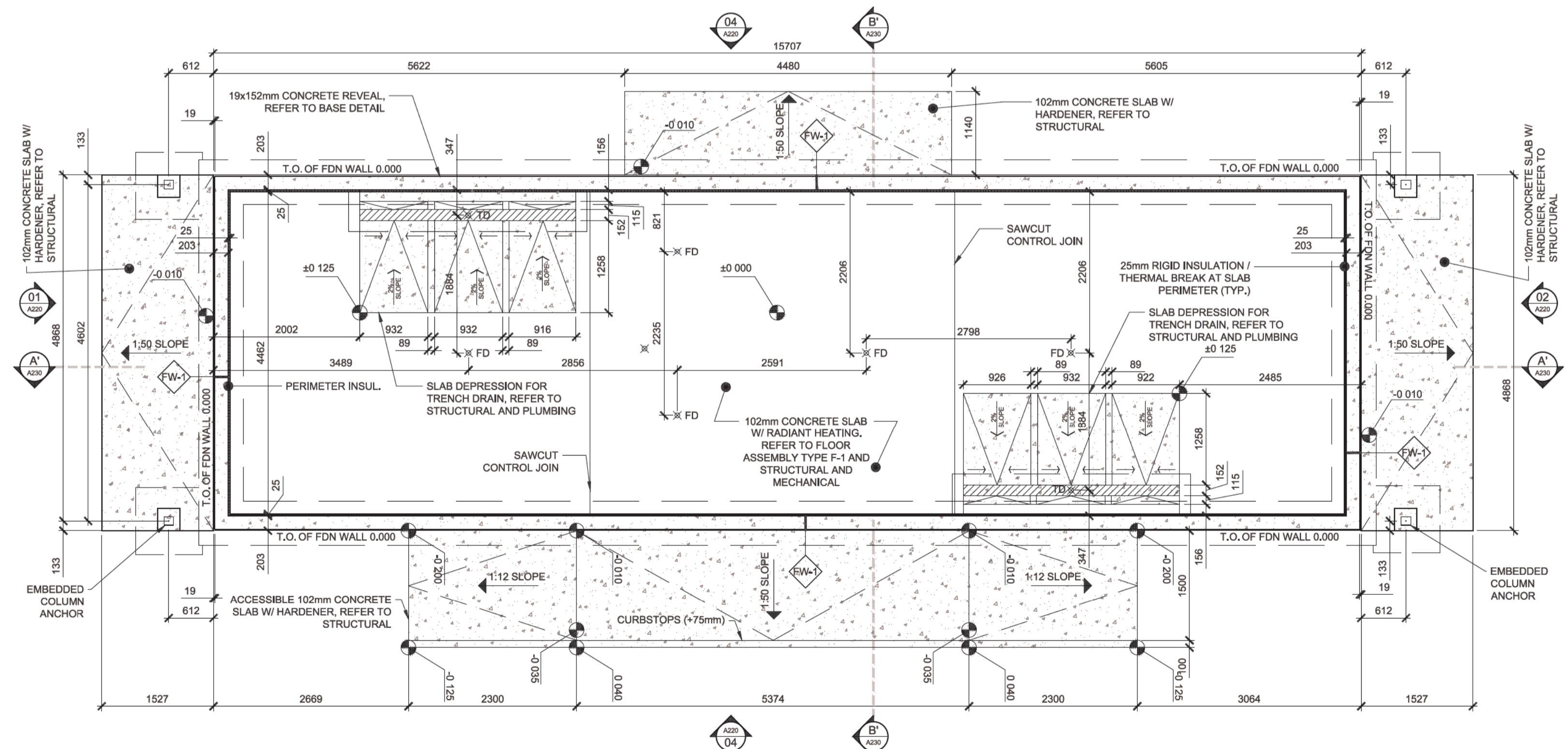
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FLOOR PLAN LEGEND:

- NEW DOOR
ROOM NAME AND NUMBER
PARTITION ASSEMBLY REFERENCE TAG
DOOR REFERENCE TAG
WINDOW REFERENCE TAG
ELEVATION REFERENCE
BUILDING SECTION REFERENCE
DETAIL REFERENCE
FLOOR DRAIN
TRENCH DRAIN
FINISH LEVEL



02 A200 MAIN FLOOR PLAN 1:50



01 A200 FOUNDATION PLAN 1:50

Table with 3 columns: Date, Description, Revision. Row 1: 2017-02-10, Issued for Tender, 00



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Project POINT PELEE NATIONAL PARK CAMP HENRY RENEWAL Leamington, Ontario Canada

Drawing Title COMFORT STATION FOUNDATION PLAN & MAIN FLOOR

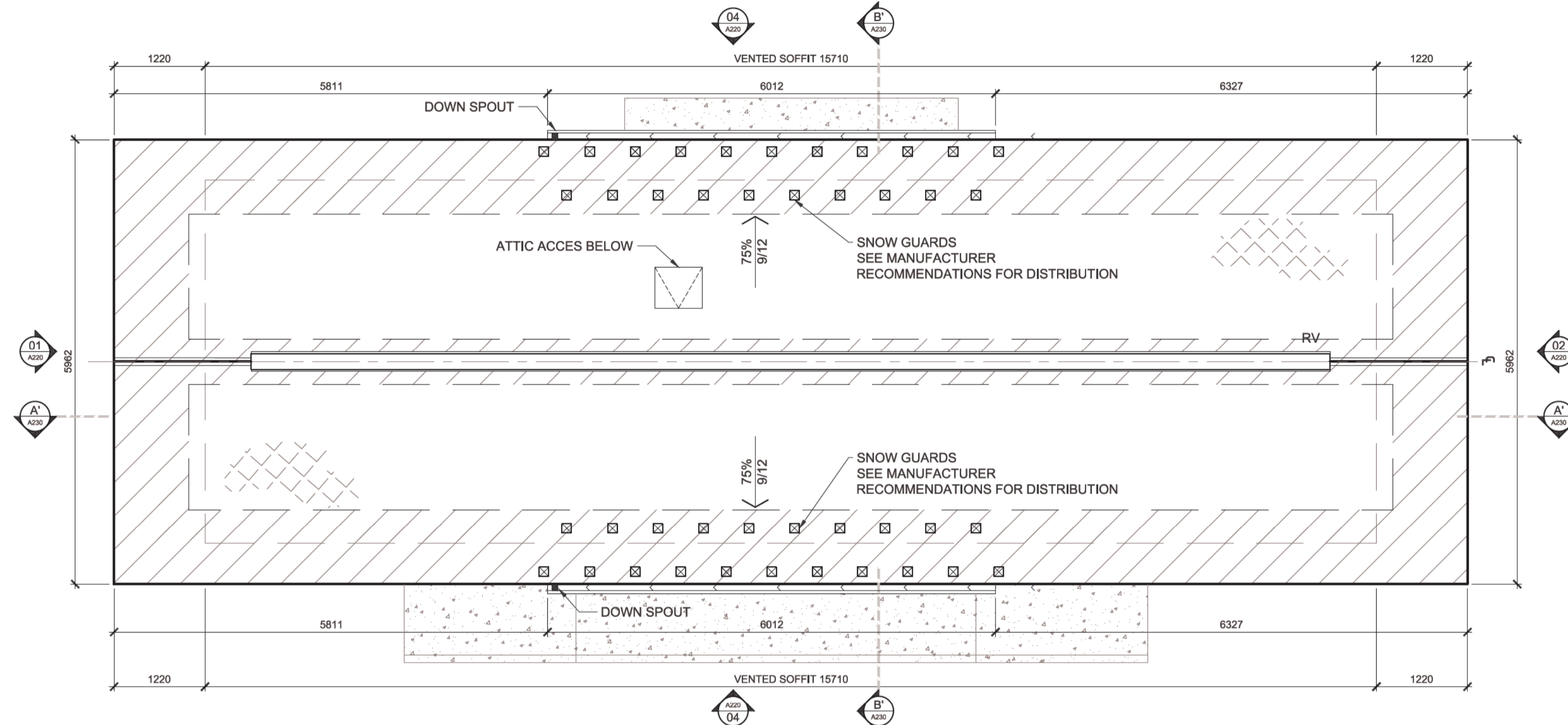
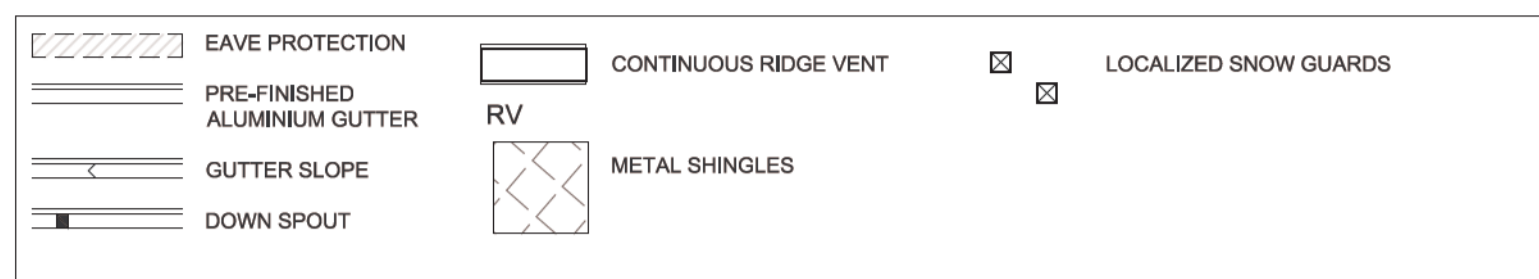
Drawn By: R-ST-PIERRE / D.SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND

Drawing Scale 1:50
Date March 28th, 2016

Table with 2 columns: Projct No., File DAO; Drawing No., Revision. Row 1: 16-0167, 16-0167-4-PEC-PTELEE-100-SANITAIRES.DWG; Row 2: A200, 00



ROOF PLAN LEGEND:



02 A201 ROOF PLAN 1:50

REFLECTED CEILING PLAN LEGEND:

- CARBONE MONOXIDE DETECTOR
- SMOKE/HEAT DETECTOR
- ▭ RECESSED LIGHT FIXTURE (610 x 1220mm)
- ▭ RECESSED LIGHT FIXTURE (305 x 1220mm)
- ▭ SURFACE-MOUNTED LIGHT FIXTURE (305 x 1220mm)
- ▭ SURFACE-MOUNTED LIGHT FIXTURE
- ▭ WALL-MOUNTED LIGHT FIXTURE
- RECESSED POT LIGHT
- PENDANT LIGHT
- WALL WASHER LIGHT FIXTURE
- ⊗ DIFFUSER
- ▭ RETURN GRILL
- ▭ ATTIC ACCESS PANEL 550 x 900mm MIN.
- ⊠ EXIT SIGN

REFLECTED CEILING PLAN NOTES:

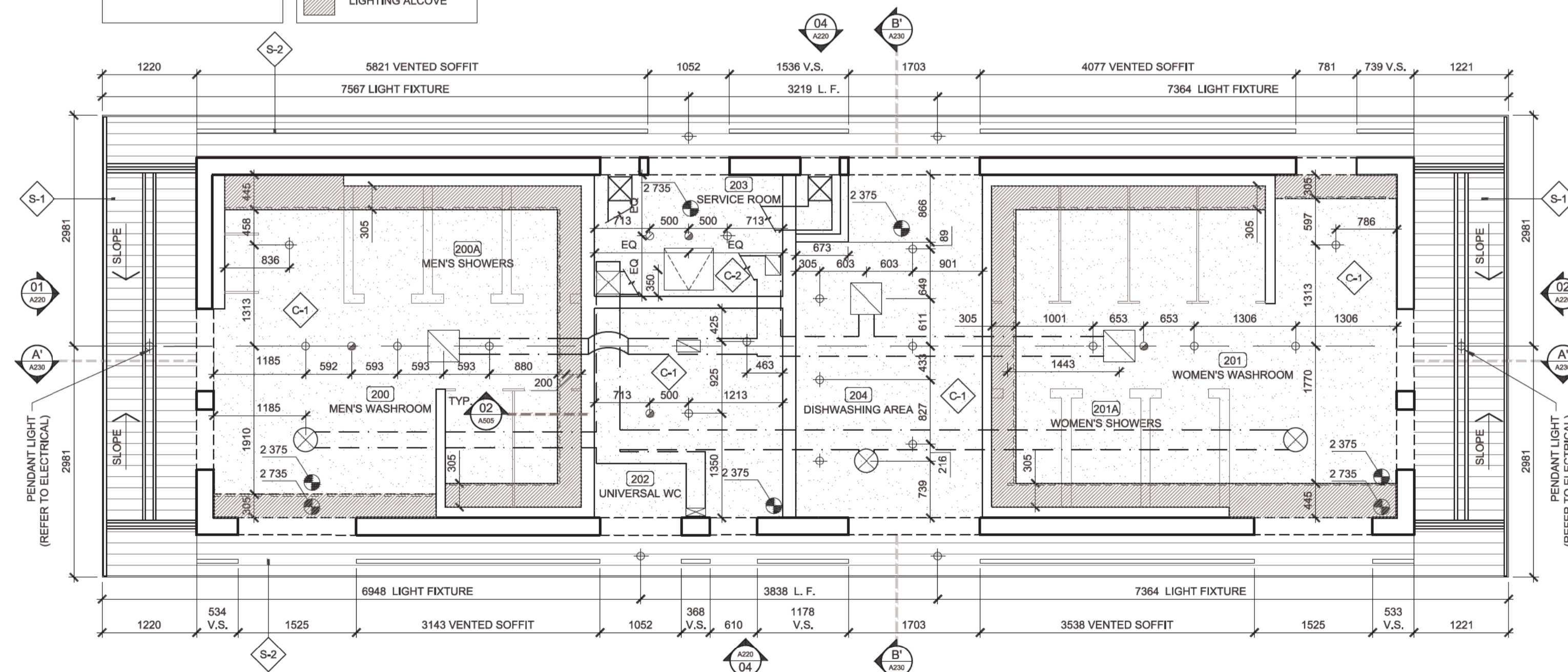
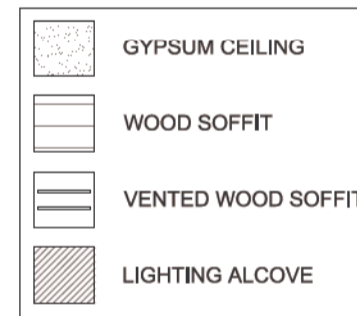
REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR HVAC COMPONENTS, LIGHT FIXTURES, FIRE ALARM SYSTEMS AND OTHER CEILING MOUNTED EQUIPMENT.

LOCATION OF ACCESS TRAPS IS TO BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO INSTALLATION.

NOTES:

POSITIONING OF ALL MECHANICAL, ELECTRICAL OR OTHER ACCESS TRAPS IN CEILINGS IS TO BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO INSTALLATION.

LEGEND



01 A201 CEILING PLAN 1:50



Parcs Canada Parks Canada

Engineer

BAIRD AE
architecture + engineering

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1 844-842-9188
info@bairdae.ca

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Project

**POINT PELEE NATIONAL PARK
CAMP HENRY RENEWAL**
Leamington, Ontario
Canada

Drawing Title

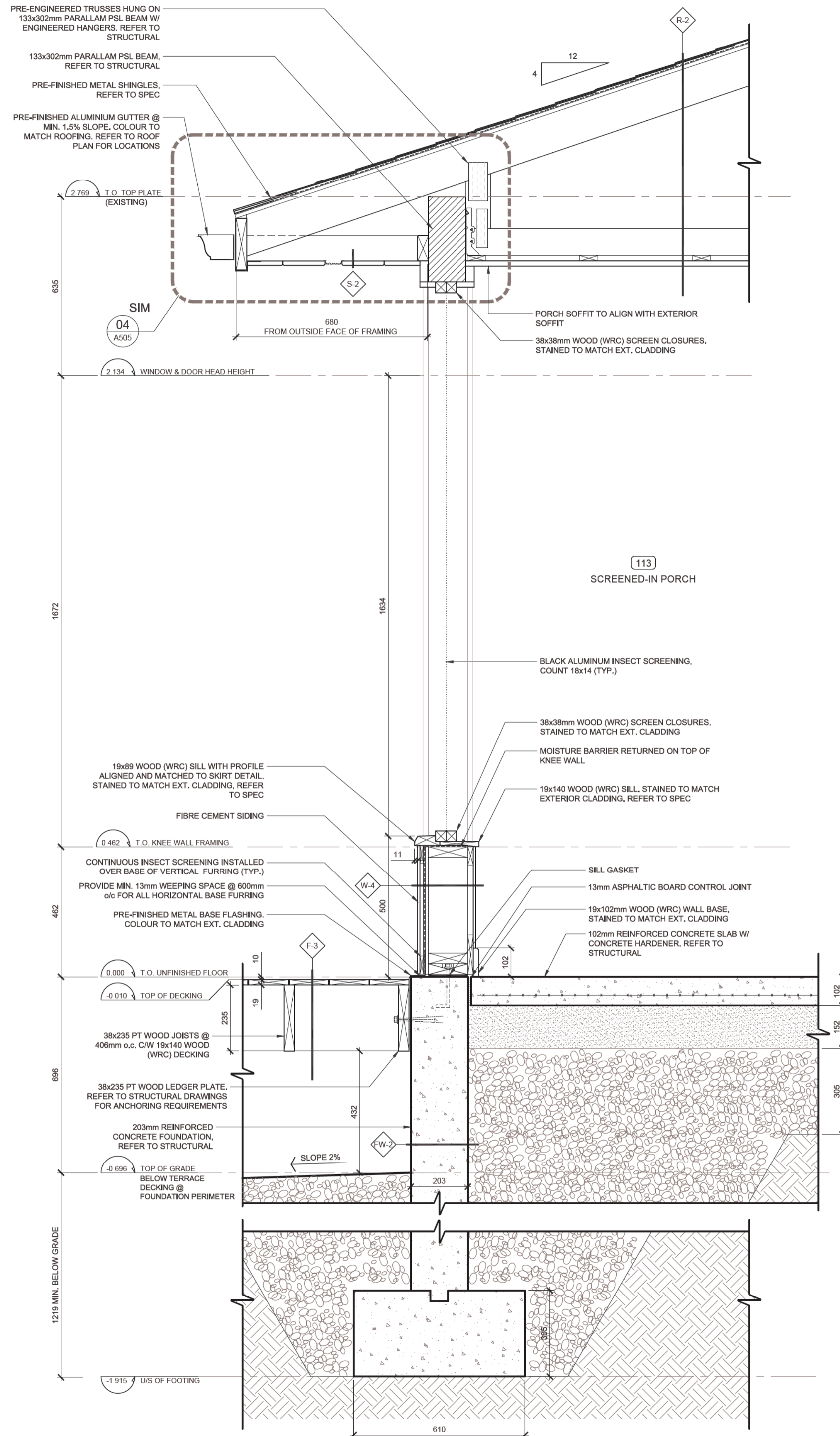
**COMFORT STATION
CEILING PLAN & ROOF PLANS**

Drawn By: R-ST-PIERRE / D.SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND

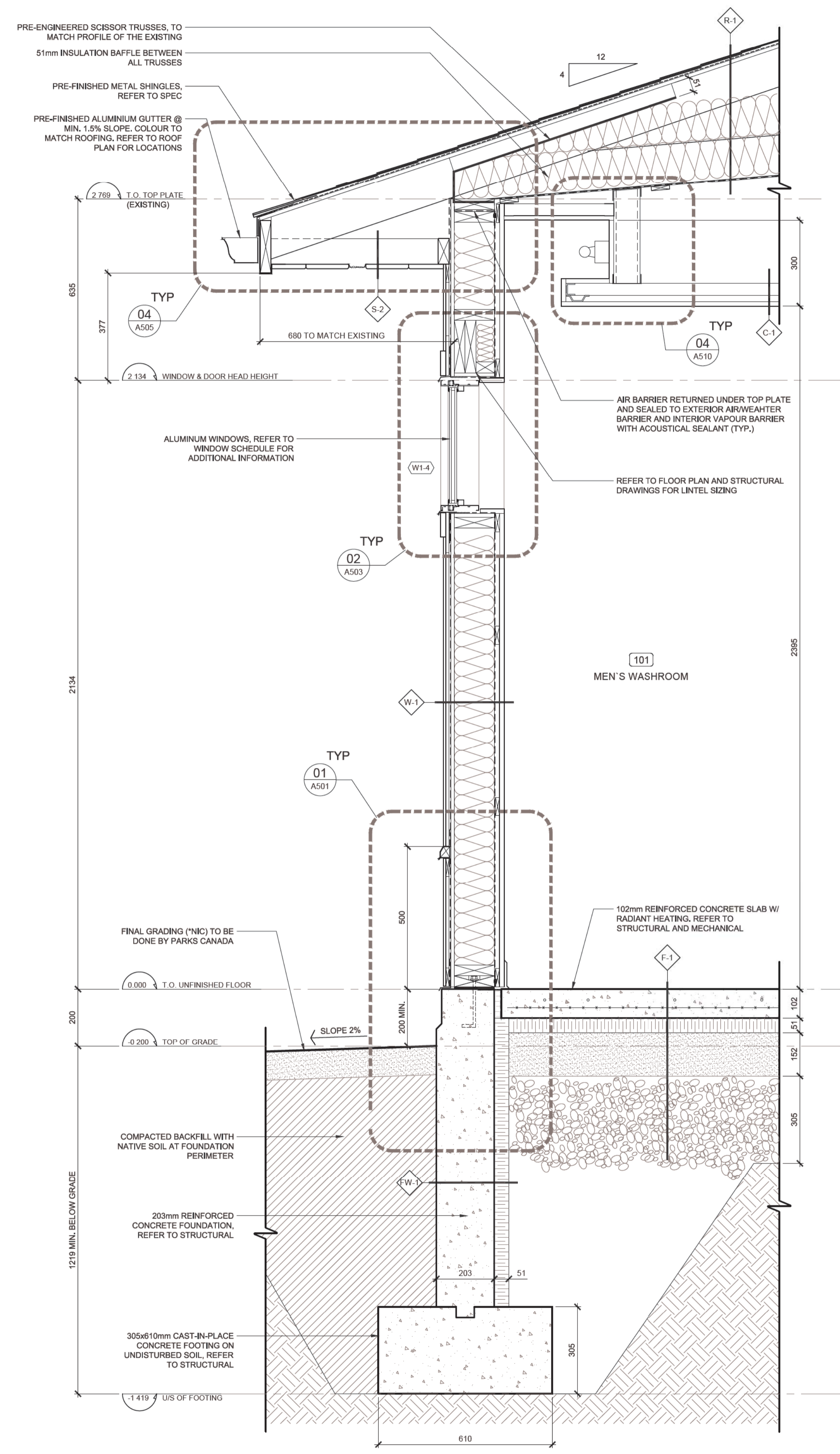
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Date: March 28th, 2016

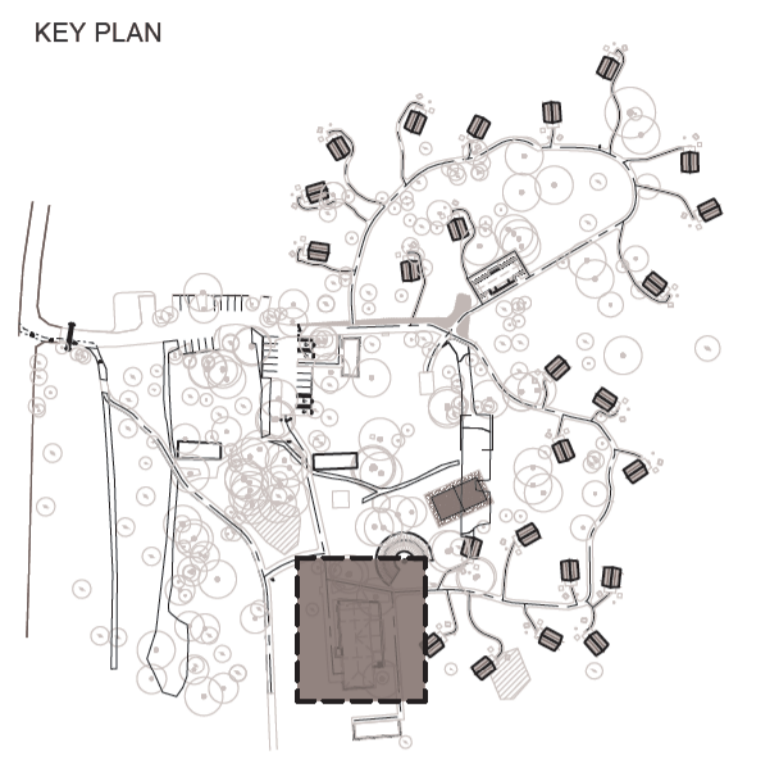
Projel No. 16-0167	File DAO 16-0167-A-PEC-PTELEE-100-SANITAIRES.DWG
Drawing No. A201	Revision 00



02 A500 TYPICAL EXT WALL SECTION - SCREENED-IN PORCH 1:10



01 A500 TYPICAL EXT WALL SECTION - NEW CONSTRUCTION 1:10



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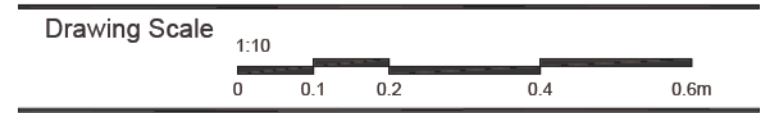
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Project
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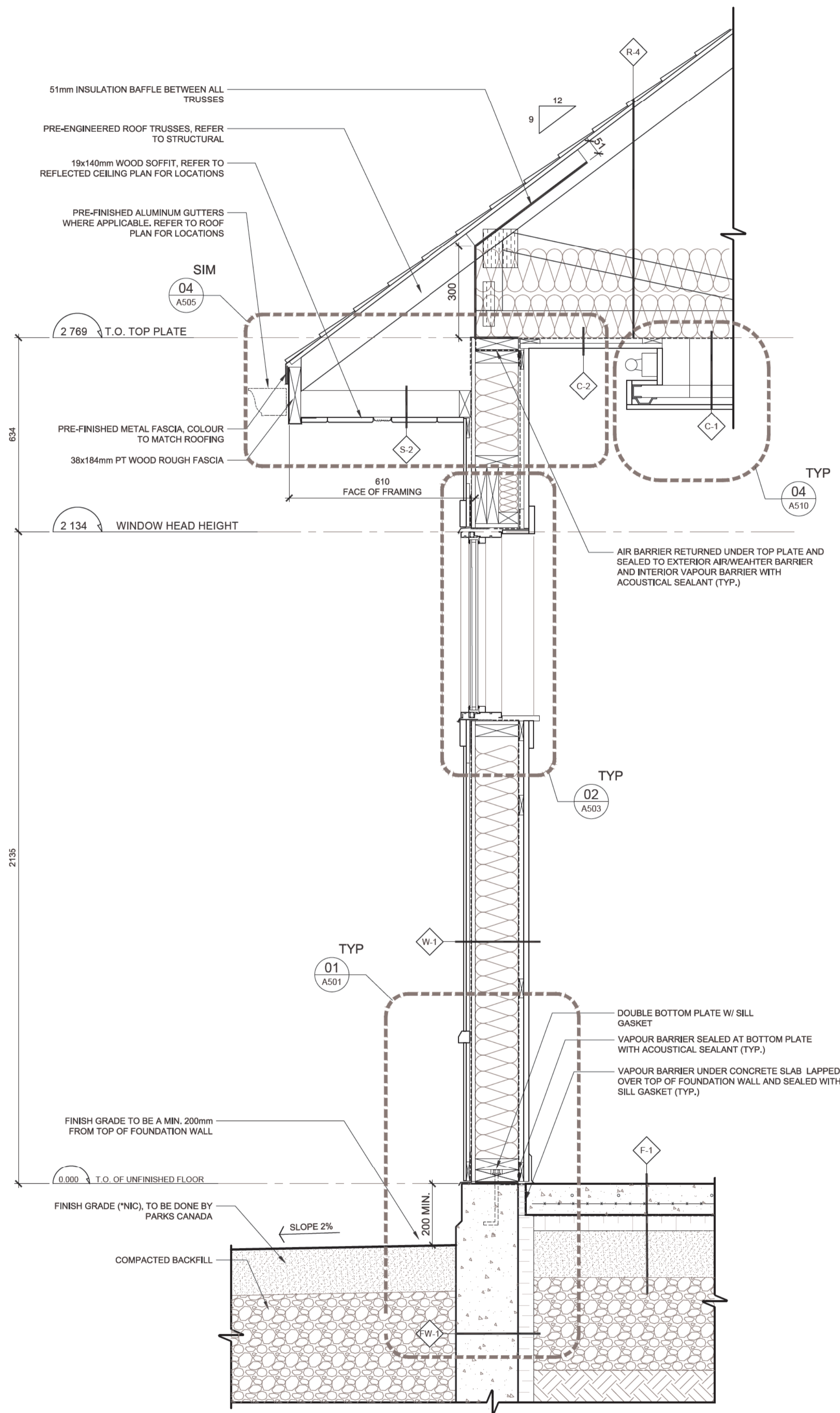
Drawing Title
**TYPICAL EXTERIOR
 WALL SECTIONS**

Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND

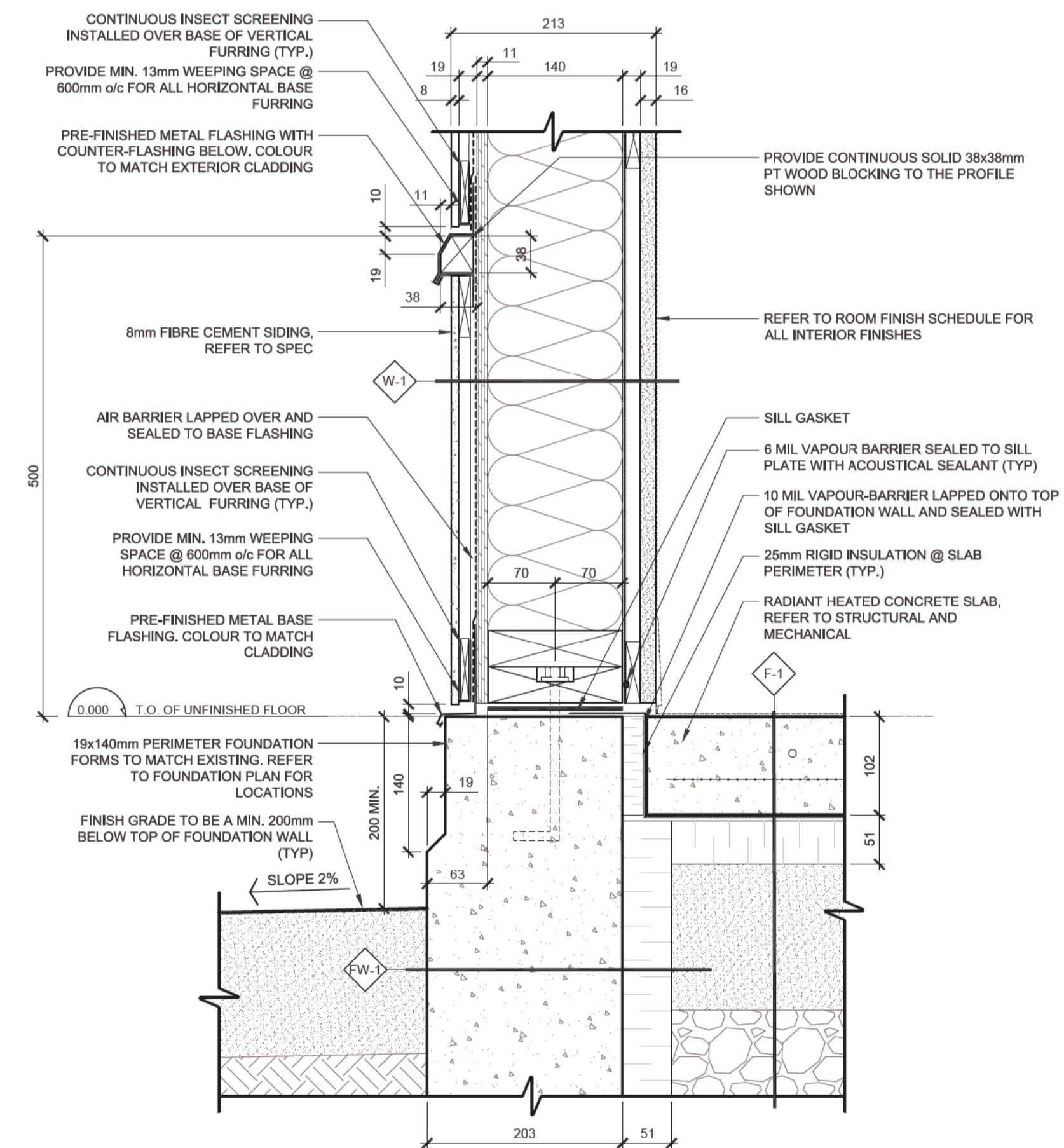


Date
 March 28th, 2016

Project No.	File DAO
16-0167	16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No.	Revision
A500	00



02 TYPICAL EXT WALL SECTION - COMFORT STATION - WET WALL
A501 1:10



01 TYPICAL WALL BASE DETAIL
A501 1:5

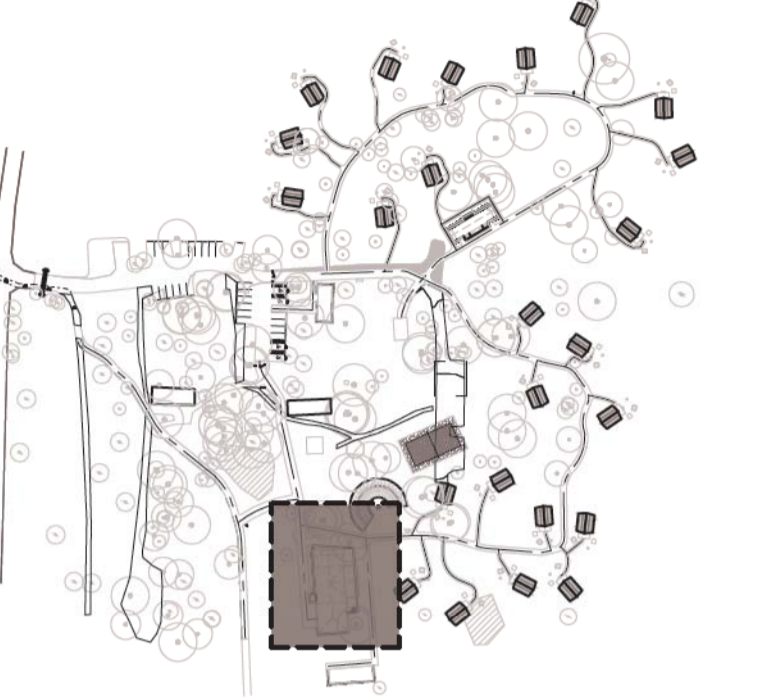


Parcs Canada Parks Canada

Engineer



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Project
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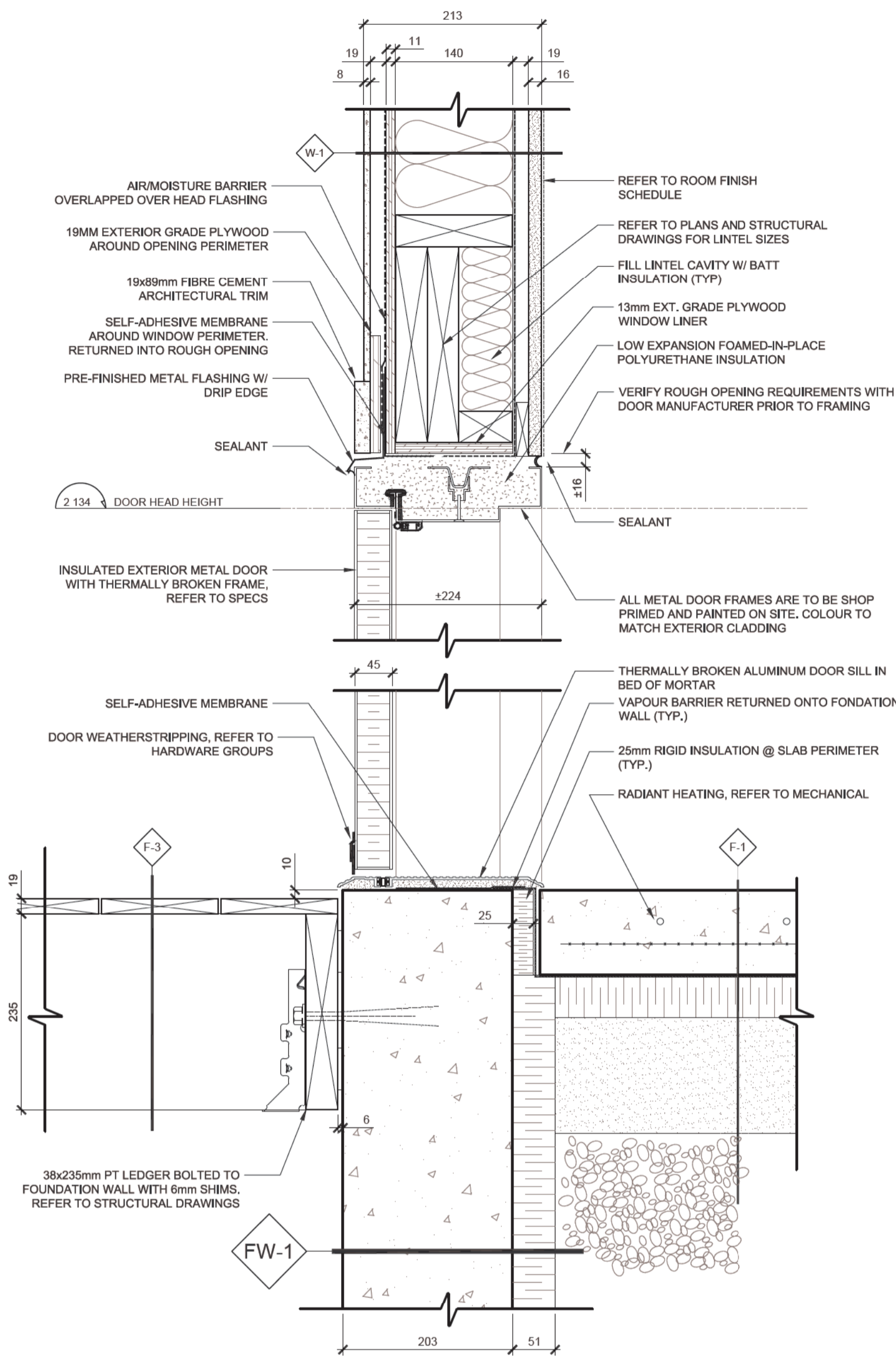
Drawing Title
**TYPICAL EXTERIOR
 WALL SECTIONS**

Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND

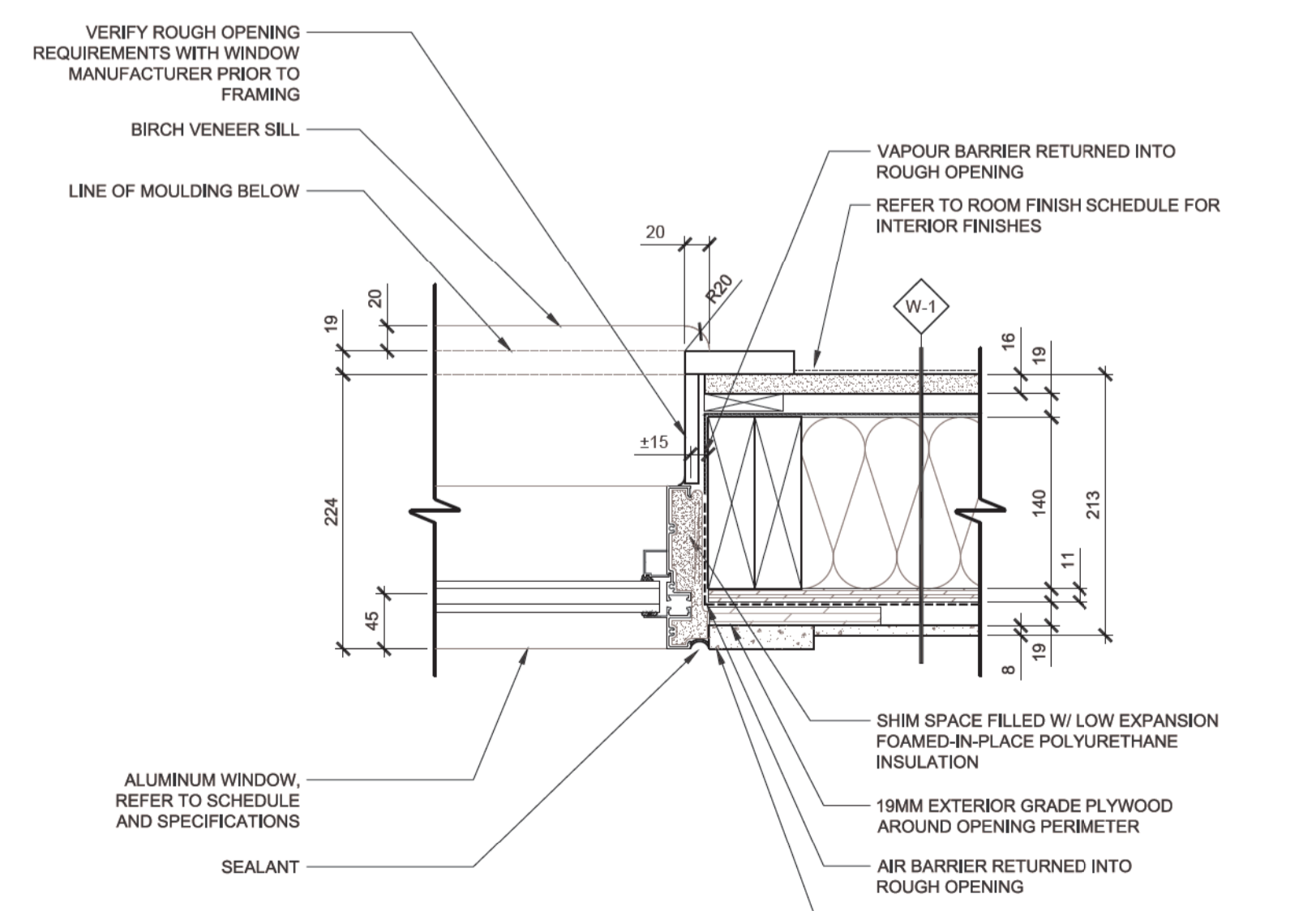
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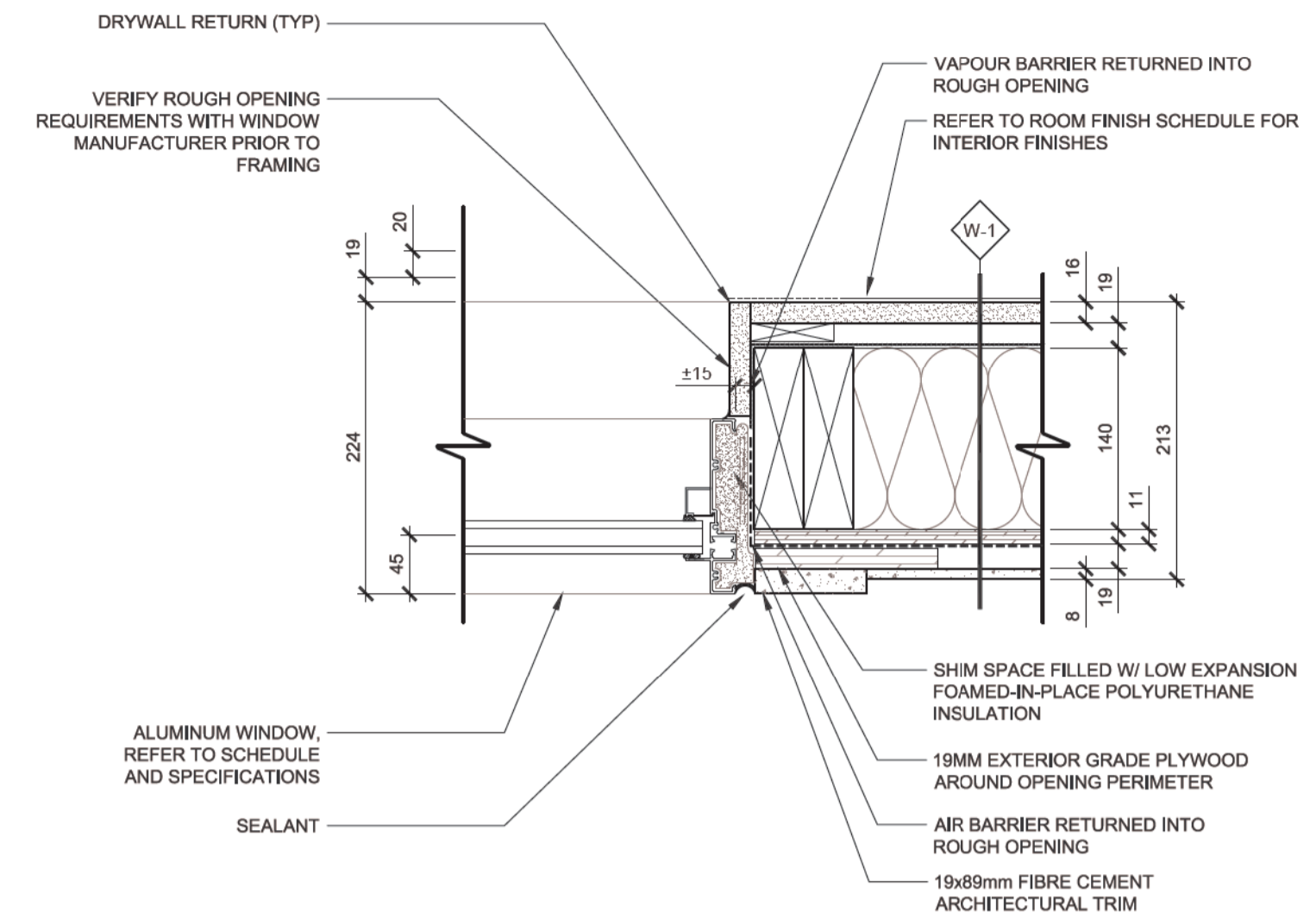
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Drawing No.	Revision
A501	00



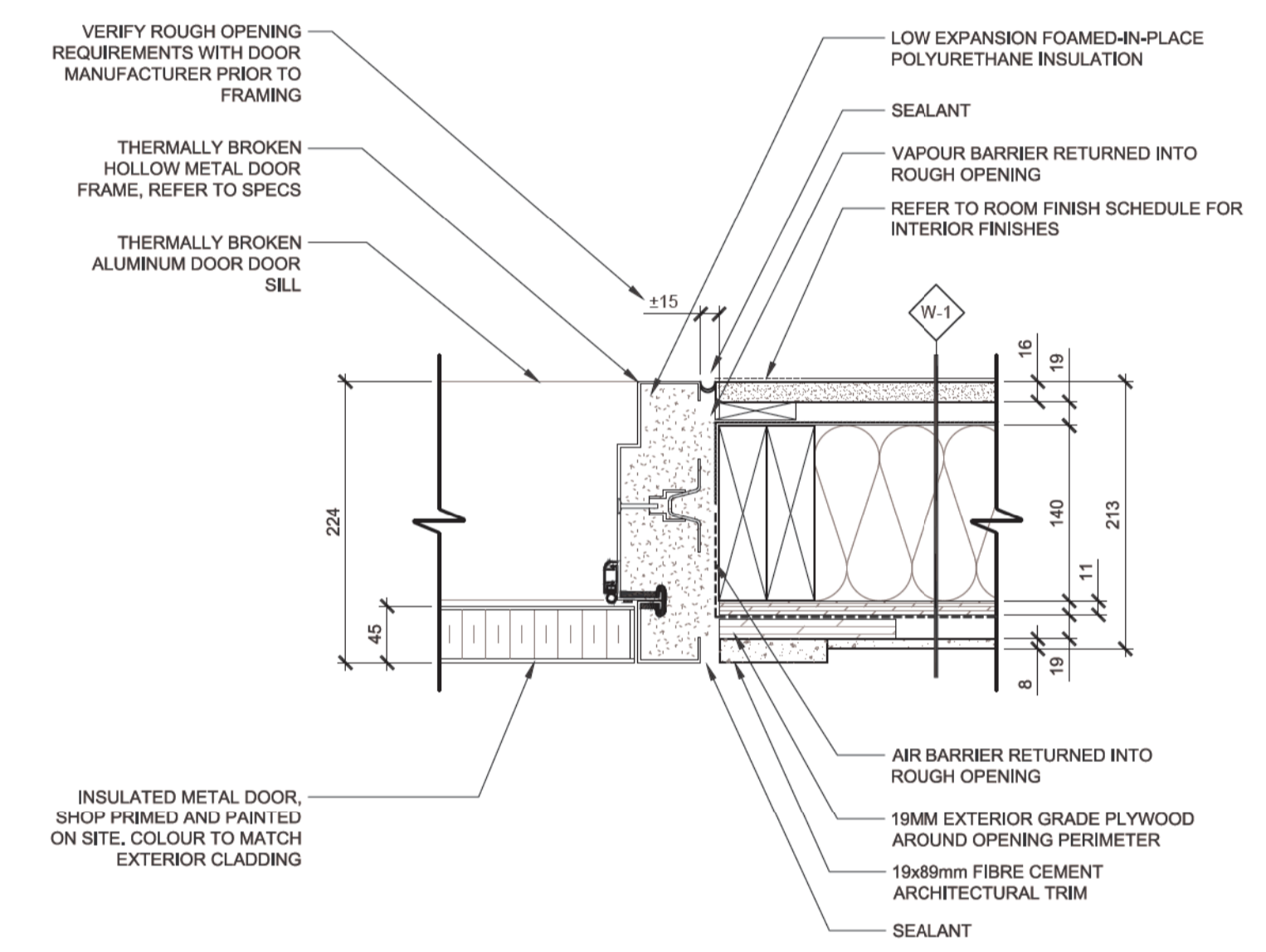
07
A503 TYPICAL EXTERIOR DOOR HEADER AND SILL DETAIL 1:5



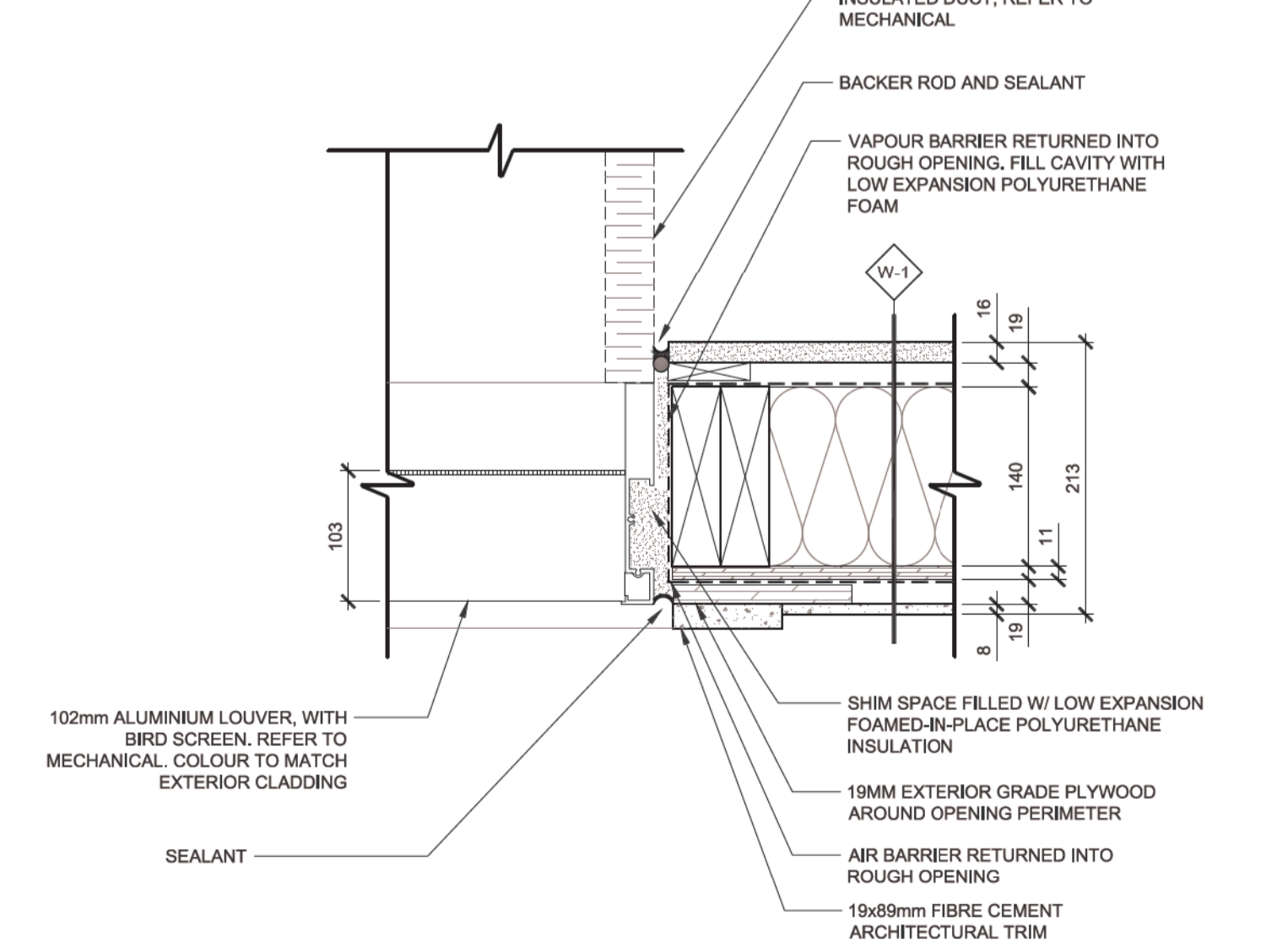
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A503 WINDOW JAMB DETAIL 1:5



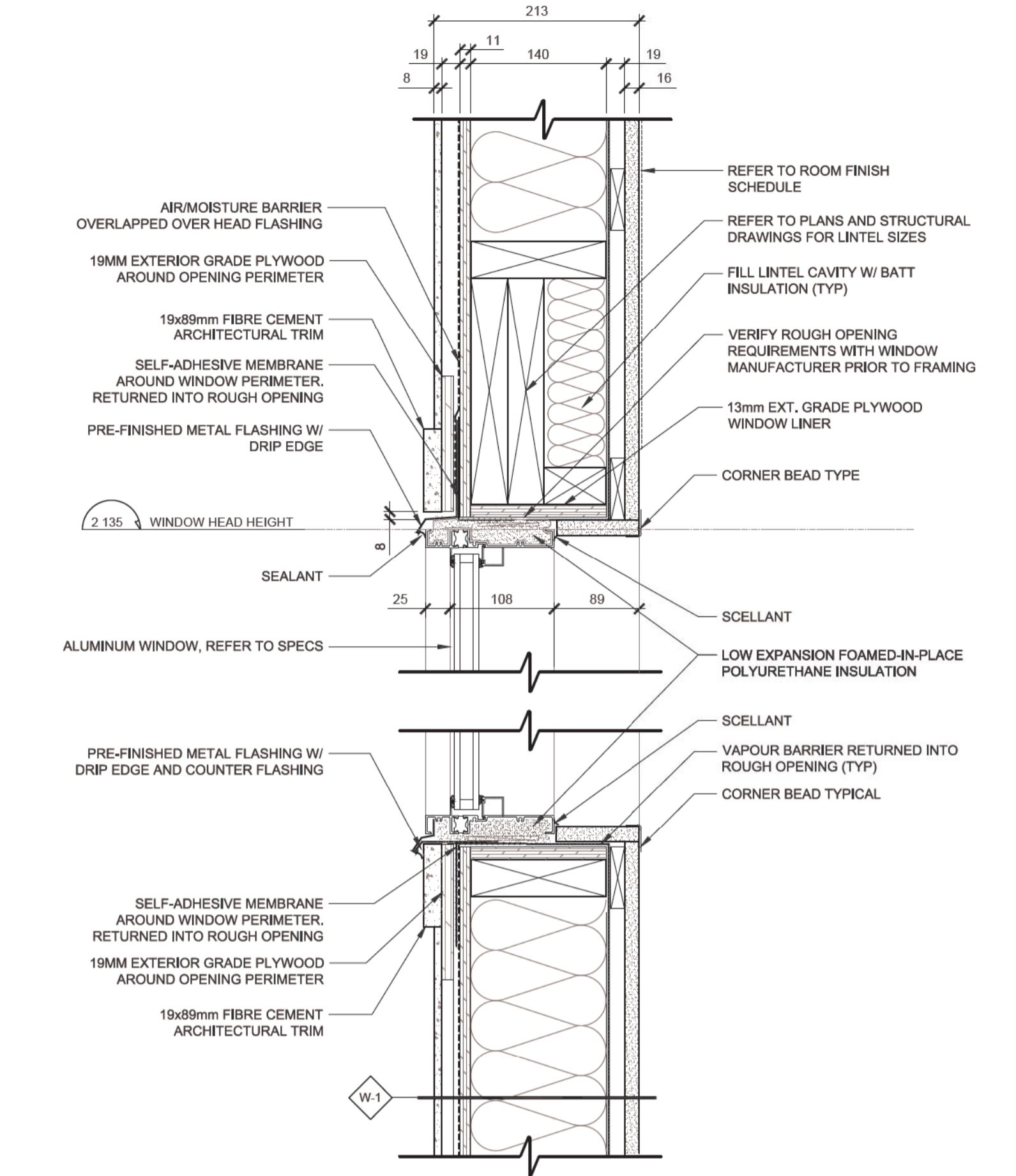
05
A503 TYPICAL WINDOW JAMB DETAIL 1:5



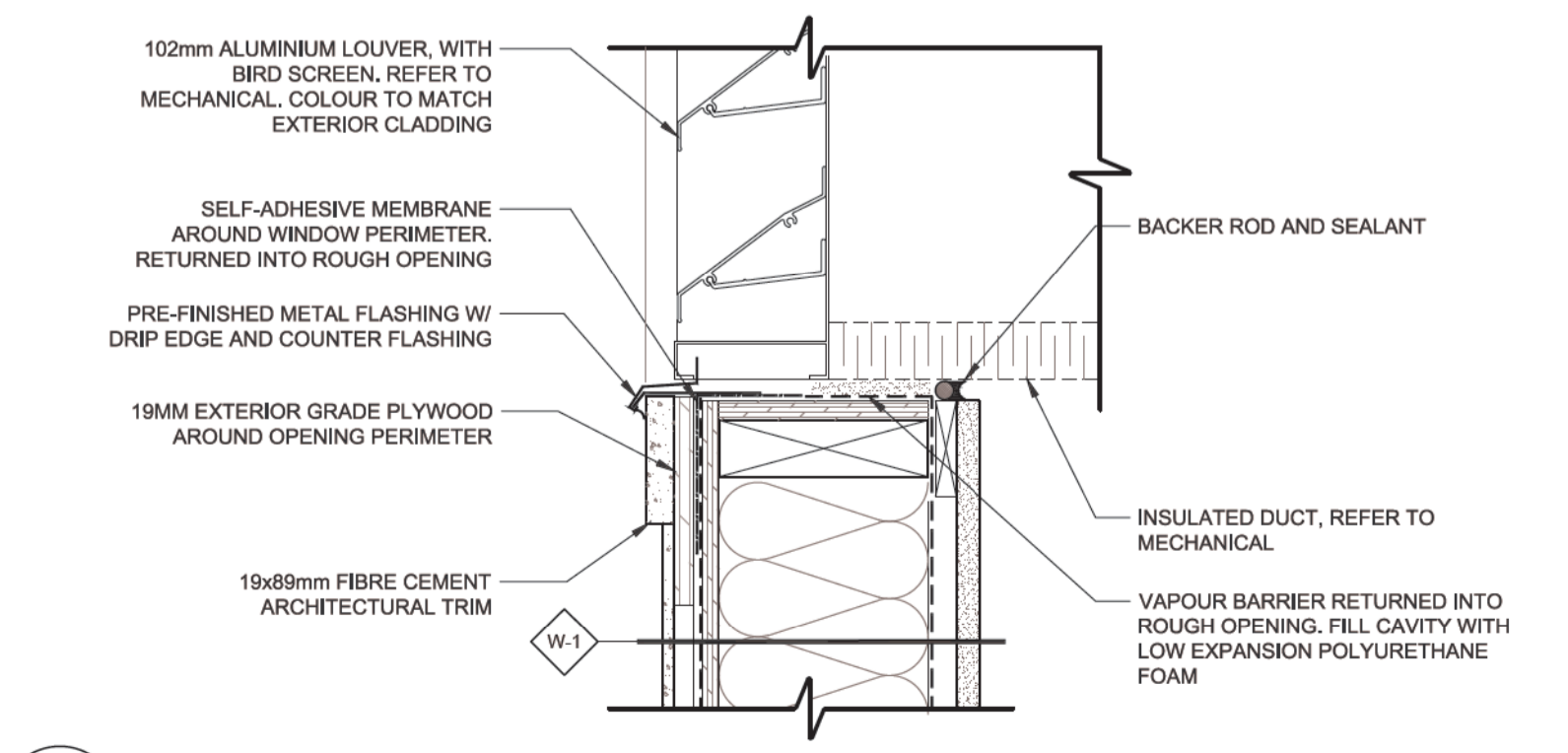
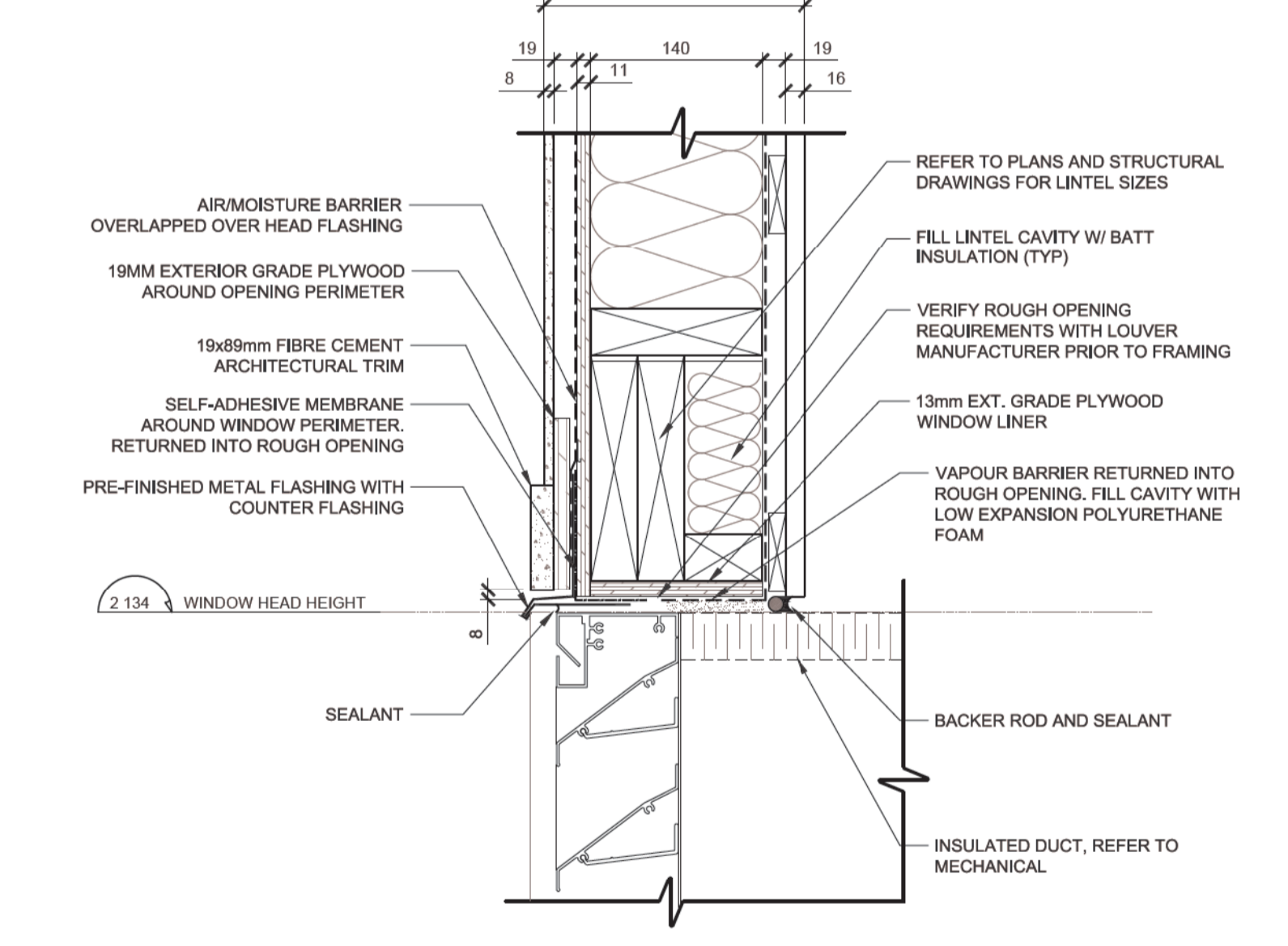
04
A503 TYPICAL EXTERIOR DOOR JAMB DETAIL 1:5



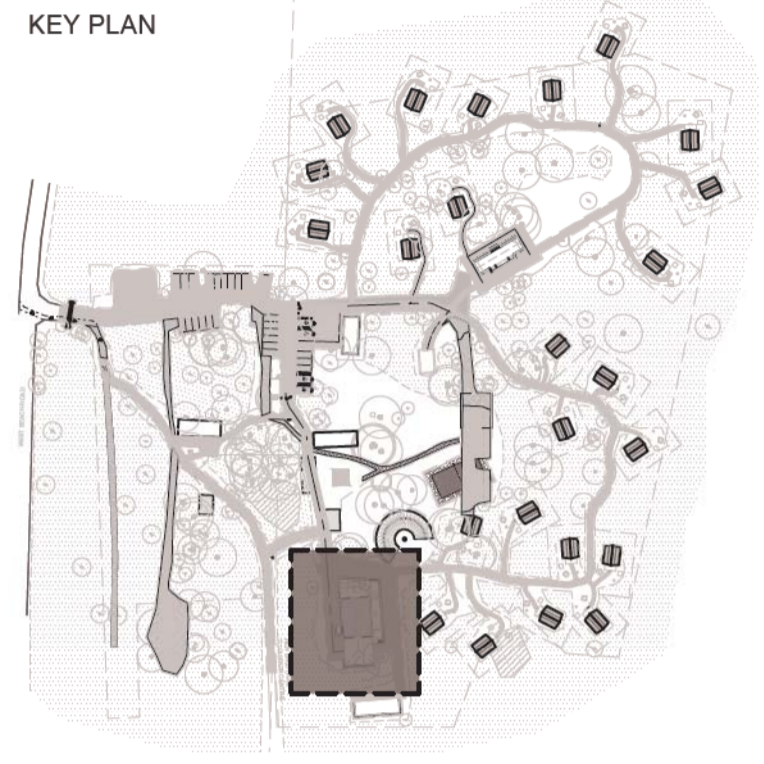
03
A503 MECHANICAL LOUVER JAMB DETAIL 1:5



02
A503 WINDOW HEADER AND SILL DETAIL (NEW CONSTRUCTION) 1:5



01
A503 MECHANICAL LOUVER HEADER AND SILL DETAIL 1:5



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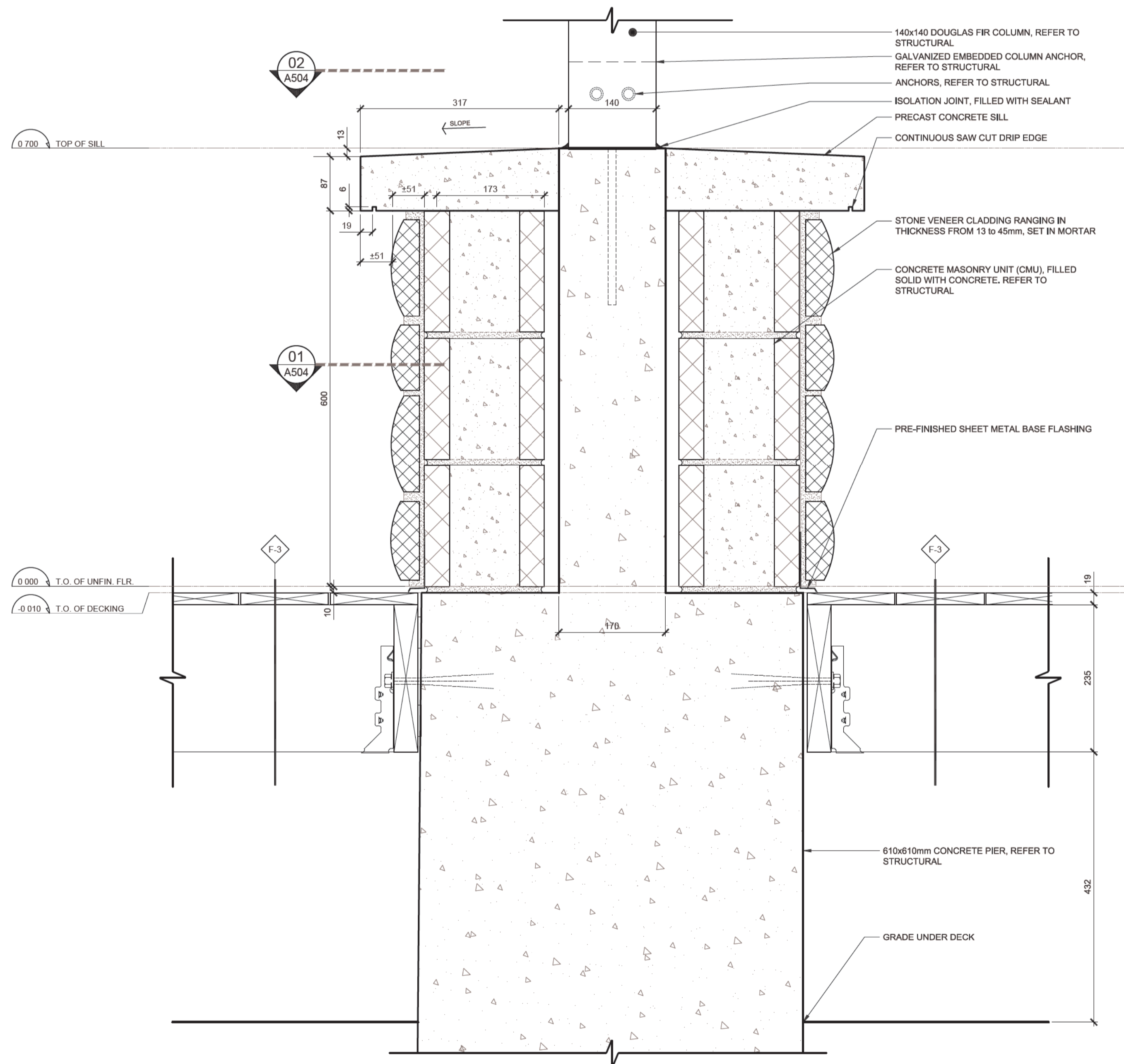
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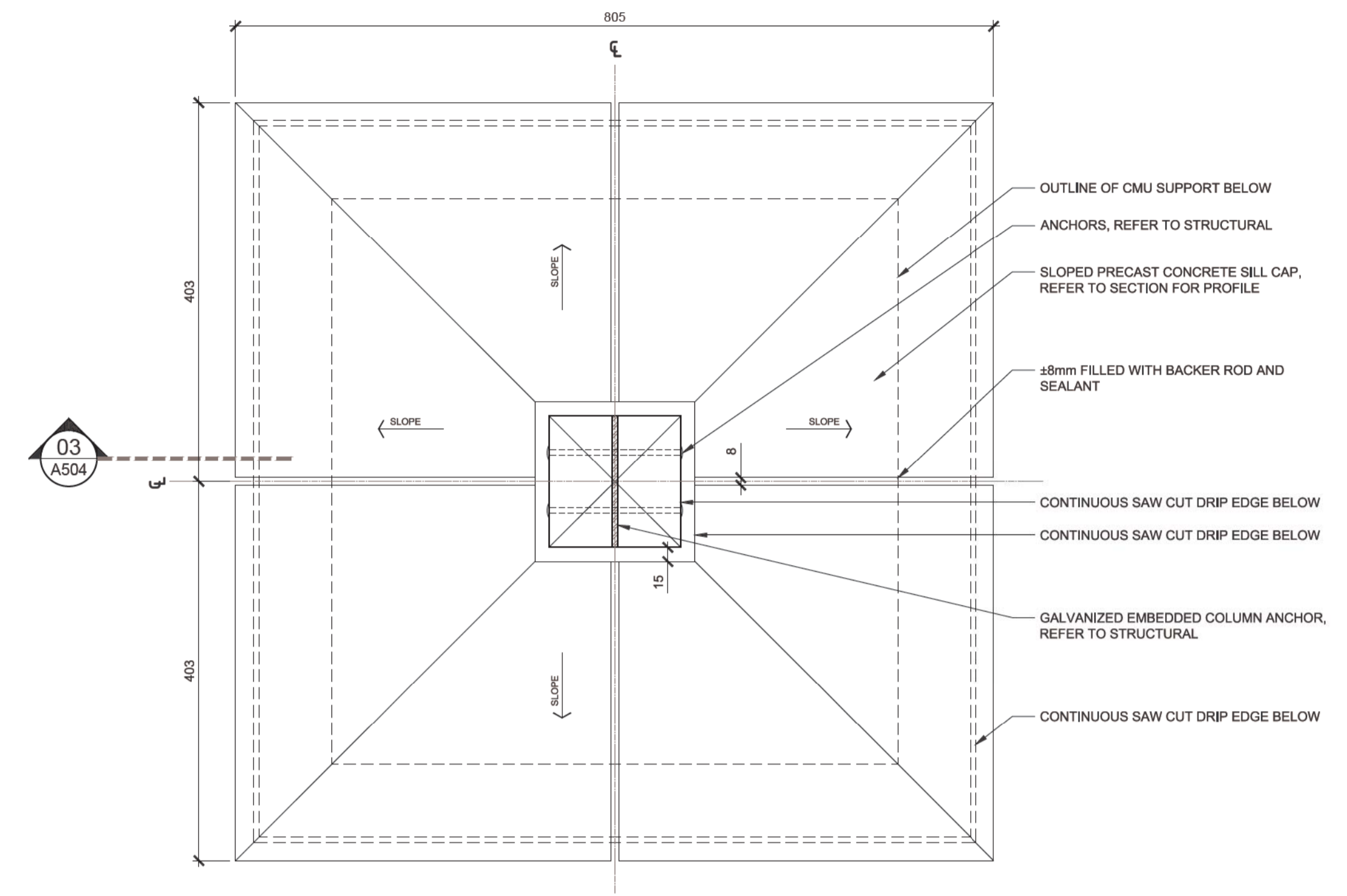
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**EXTERIOR OPENING
DETAILS**

Drawn By: R. ST-PIERRE / D. SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND

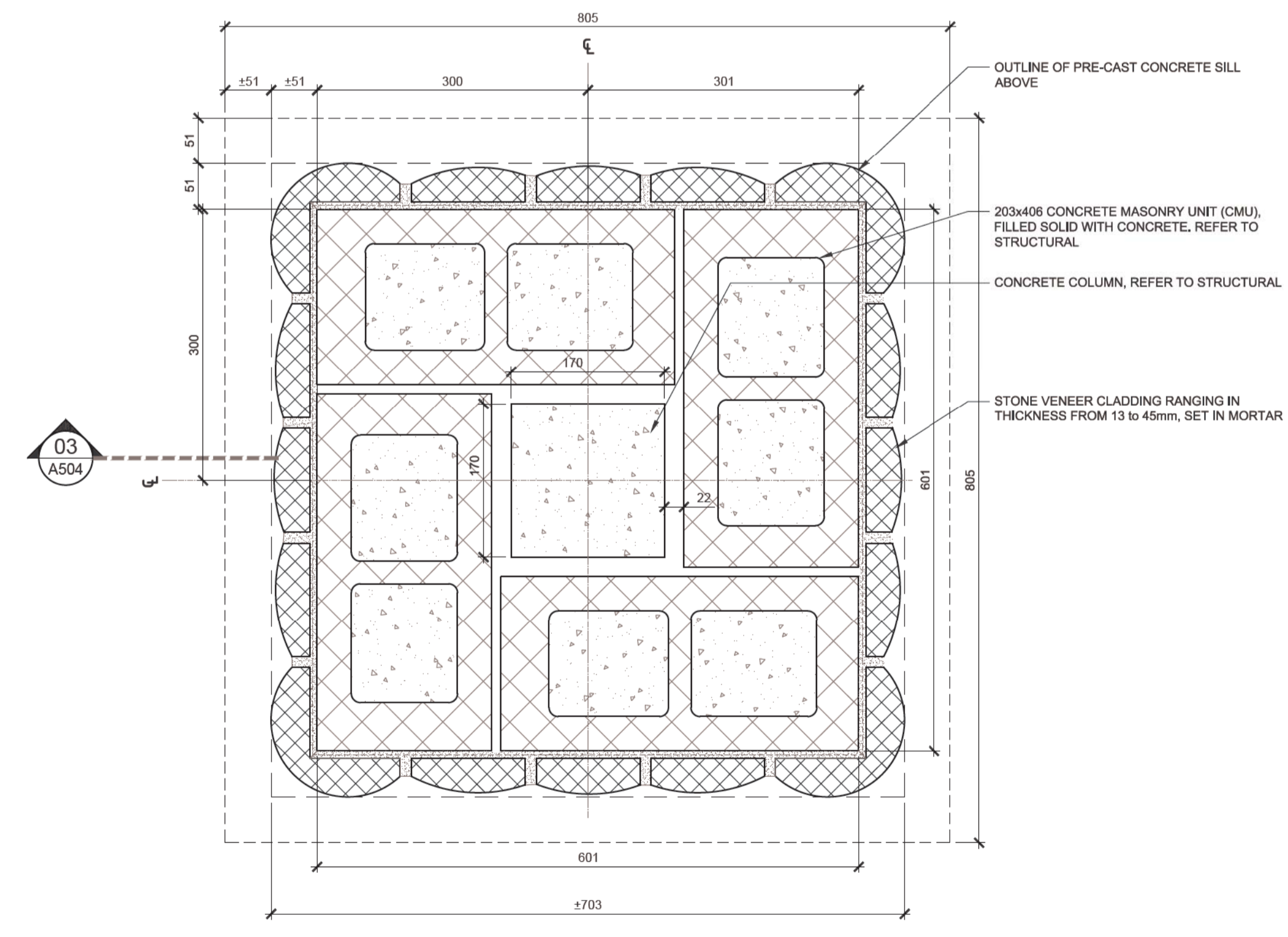
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Date	March 28th, 2016
Project No.	16-0167
File DAO	16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No.	A503
Revision	00



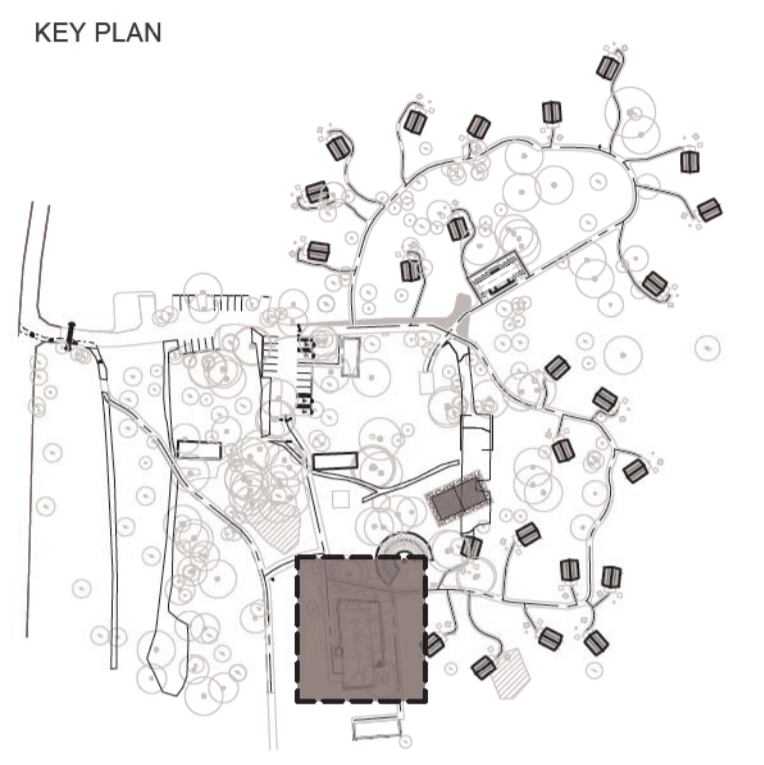
03 A504 TIMBER COLUMN BASE SECTION 1:10



02 A504 TIMBER COLUMN BASE - PRECASE SILL CAP 1:5



01 A504 TIMBER COLUMN BASE DETAIL 1:5



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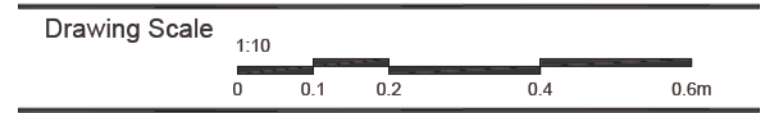
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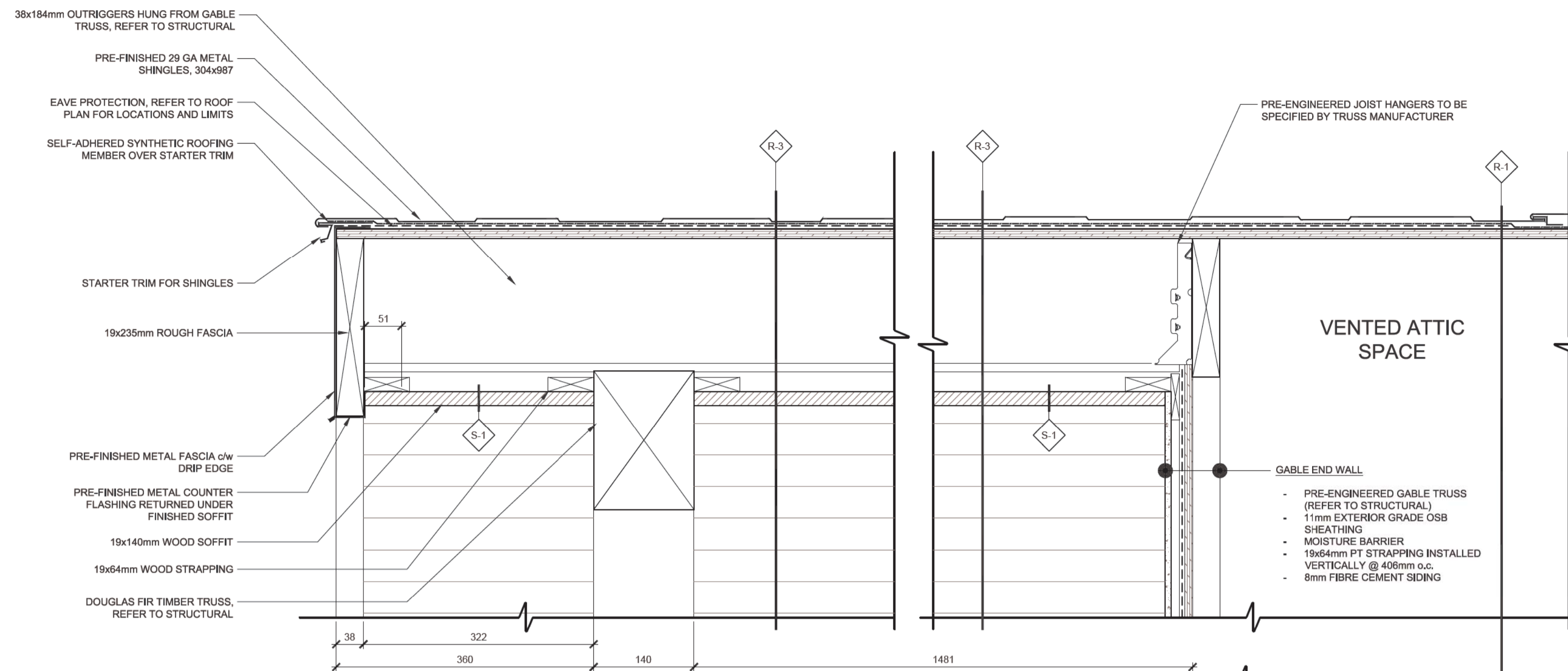
Drawing Title
 COLUMN BASE DETAILS

Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND

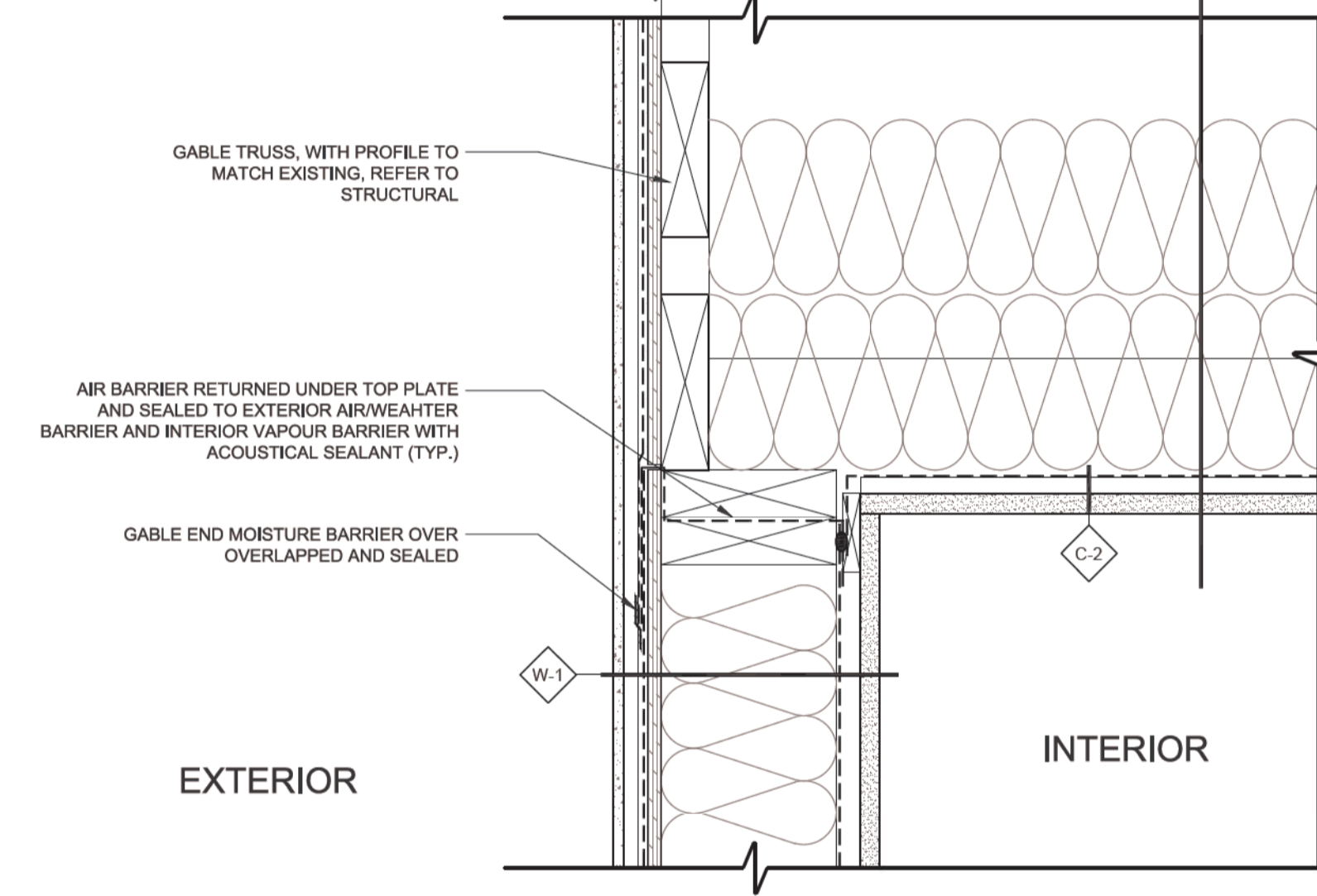


Date
 March 28th, 2016

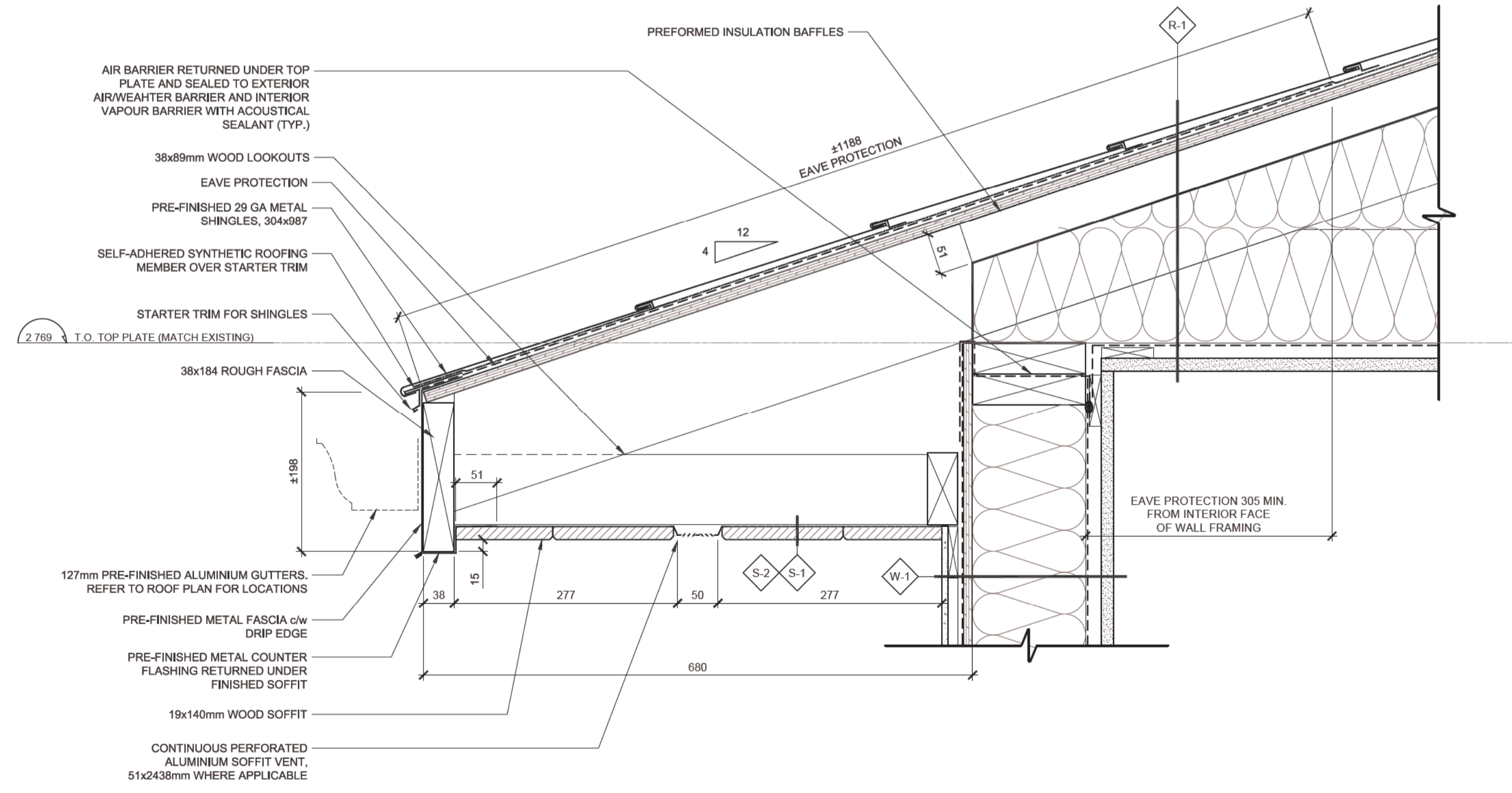
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Drawing No.	Revision
A504	00



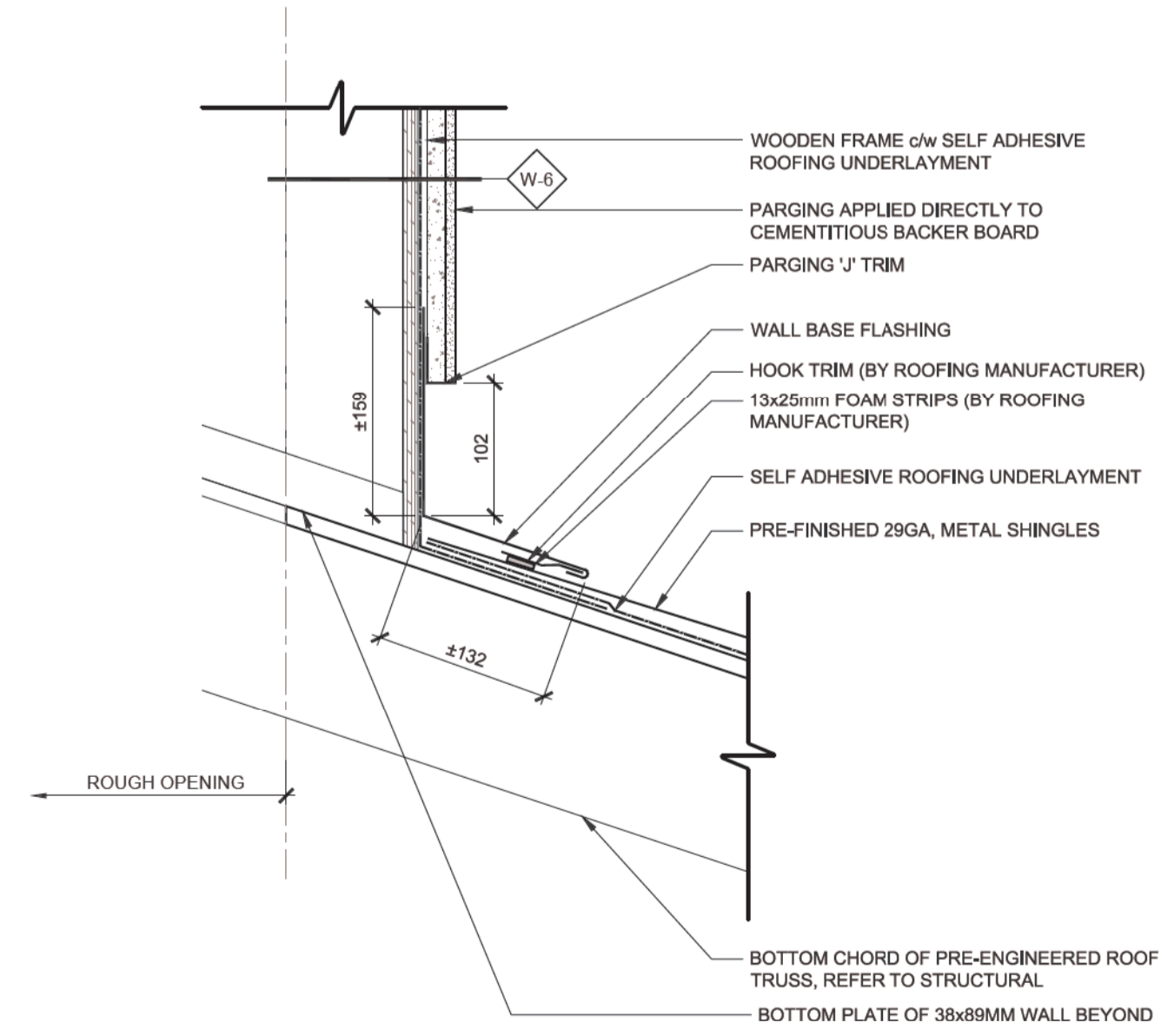
03 GABLE END / FASCIA DETAIL 1:5



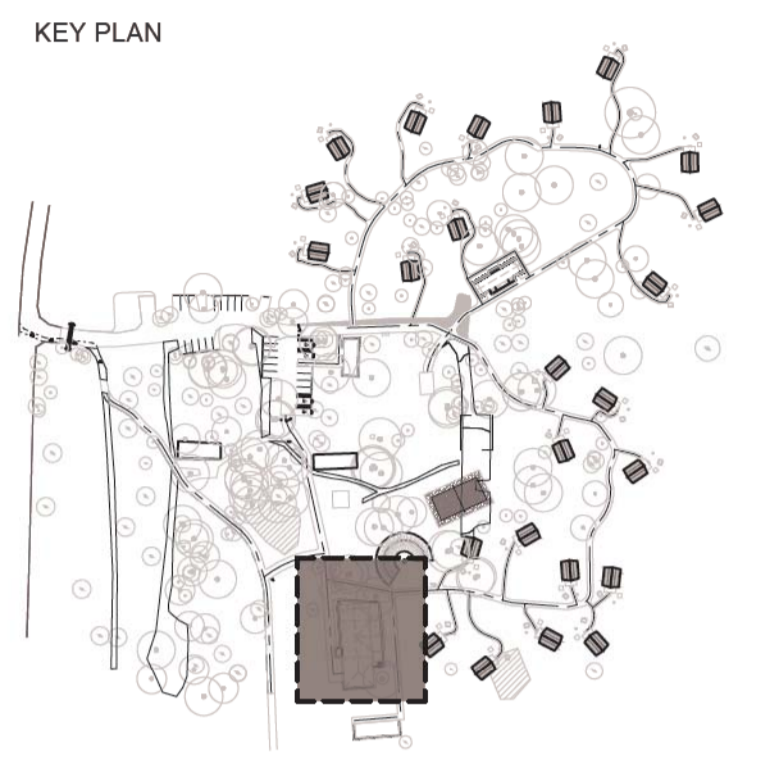
02 GABLE END WALL @ COVERED PATIO 1:5



04 TYPICAL EAVE / GUTTER DETAIL 1:5



01 TYPICAL CHIMNEY BASE FLASHING @ SLOPED EDGE 1:5



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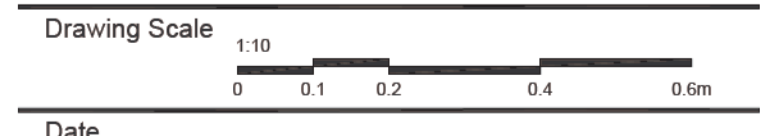


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Project
**POINT PELEE NATIONAL PARK
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Leamington, Ontario
Canada

Drawing Title
ROOF AND SOFFIT DETAILS

Drawn By: R. ST-PIERRE / D. SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND



Date: March 28th, 2016

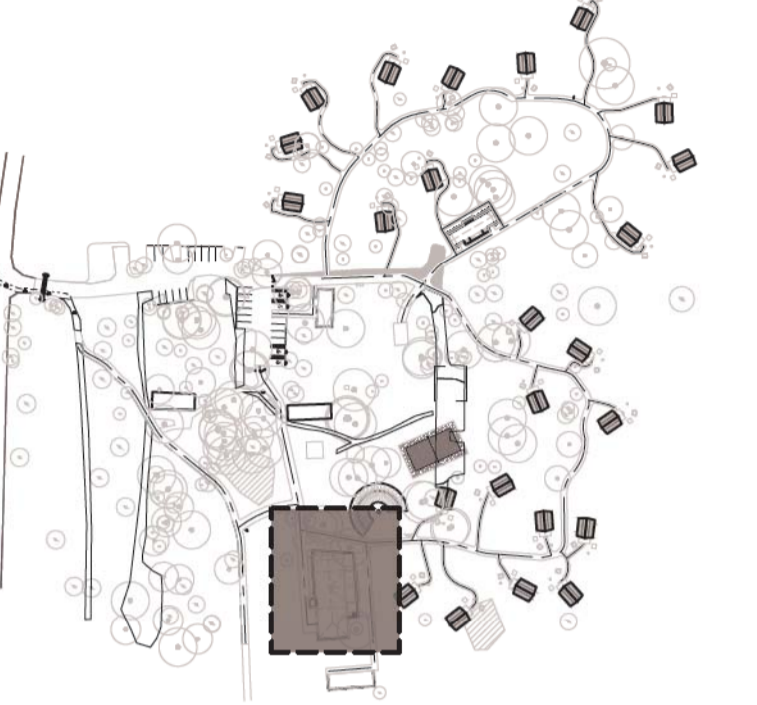
Project No.	File DAO
16-0167	16-0167-A-PEC-PTPELEE-100 DINING HALL.DWG
Drawing No.	Revision
A505	00



Engineer



KEY PLAN



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Drawing Title

ROOFTOP EQUIPMENT

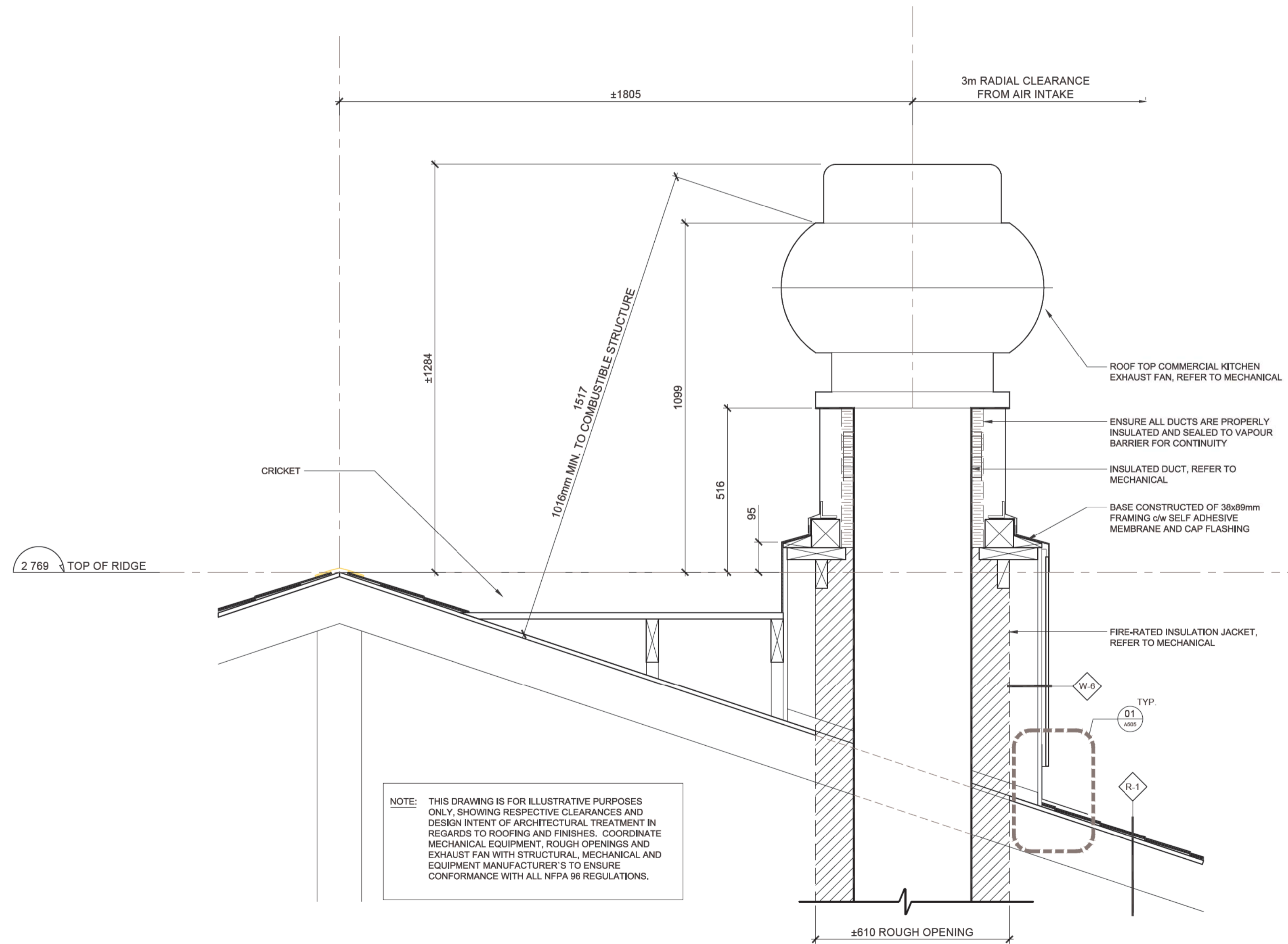
Drawn By: R. ST-PIERRE / D. SMITH
Designed By: J. GODIN
Approved By: M.C. LEBLOND

Drawing Scale: 1:10

Date: March 28th, 2016

Project No. 16-0167 File DAO 16-0167-A-PEC-PTPELEE-100 DINING HALL.DWG

Drawing No. A506 Revision 00



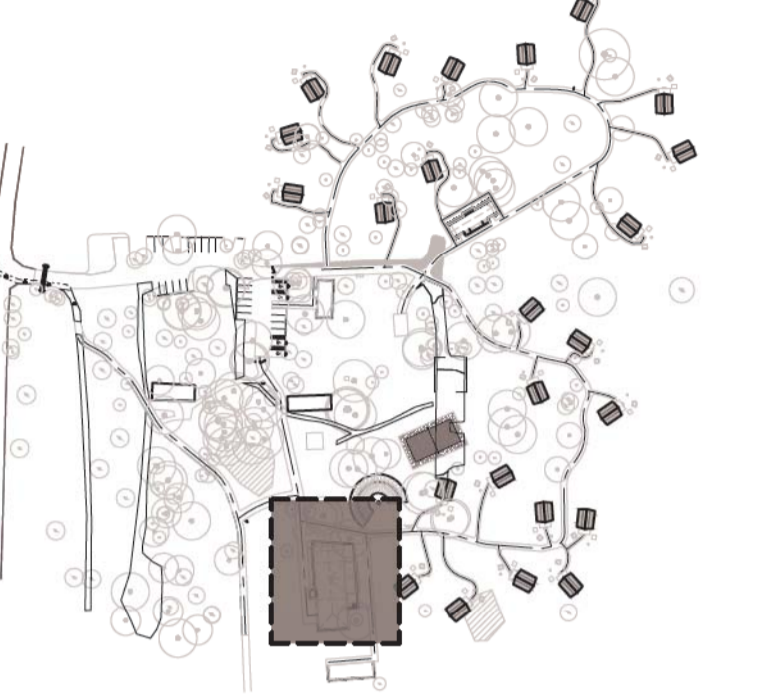
01 ROOF MOUNTED - GREASE LATENT HOOD EXHAUST FAN 1:10



Engineer



KEY PLAN



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Project
**POINT PELEE NATIONAL PARK
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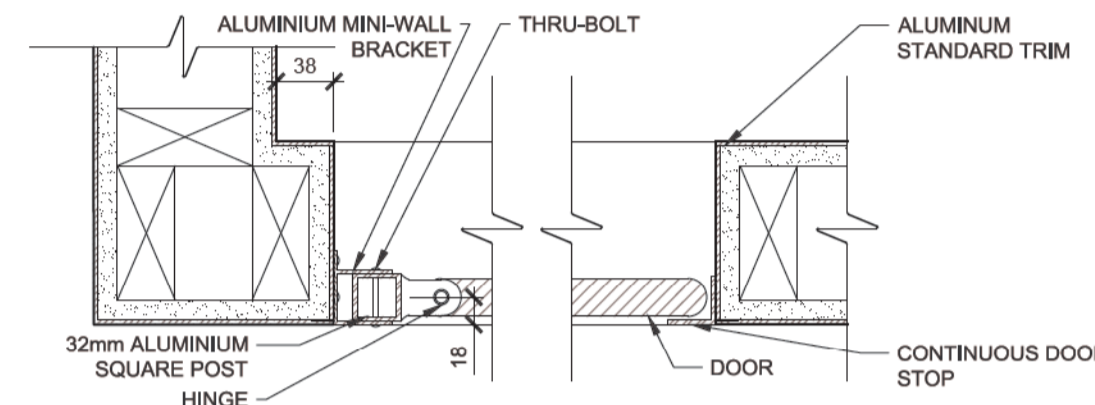
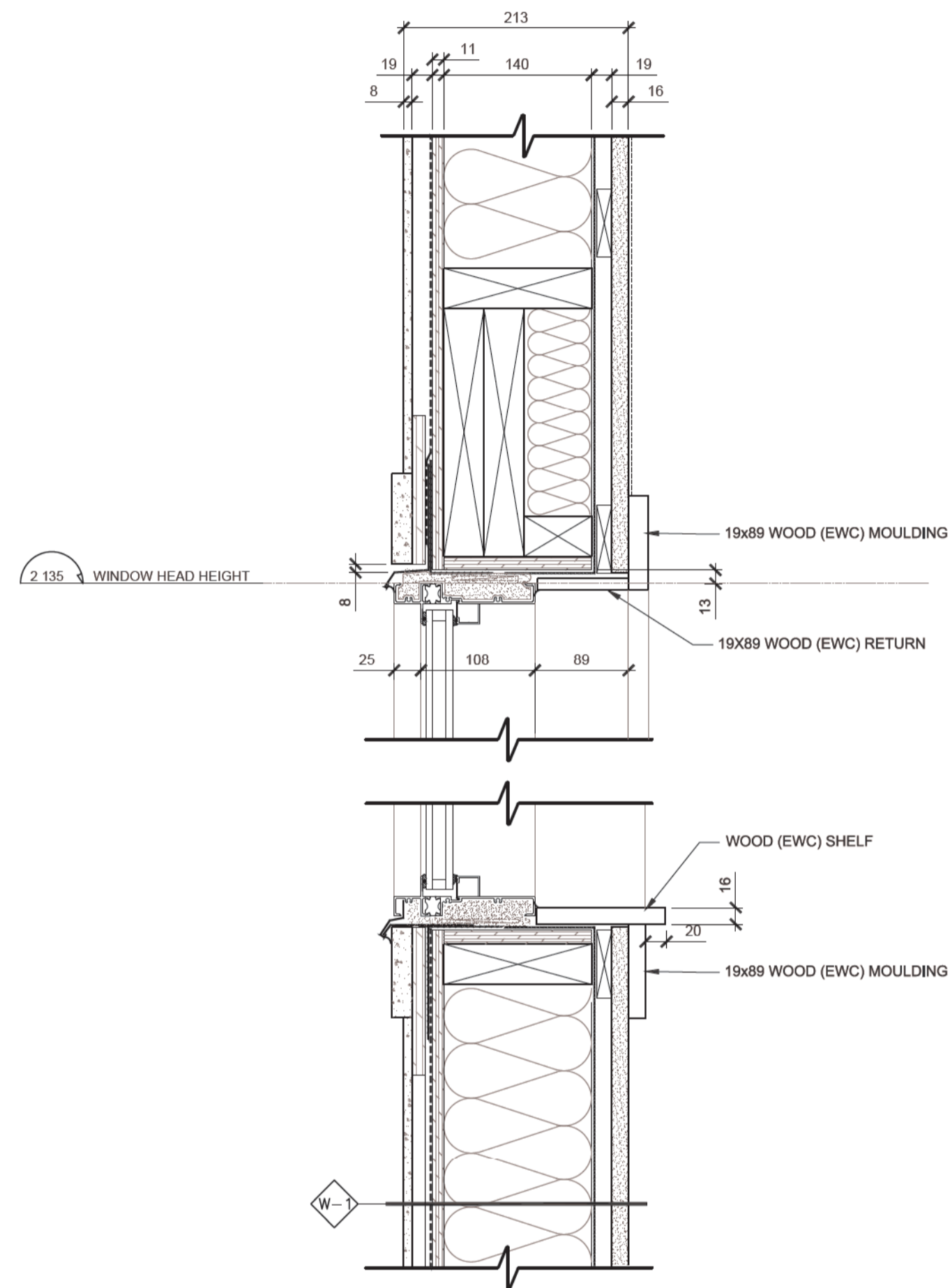
Drawing Title
**INTERIOR DETAILS
 WALL BASE, CORNER GUARD,
 WINDOW & DOOR TREATMENT**

Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND

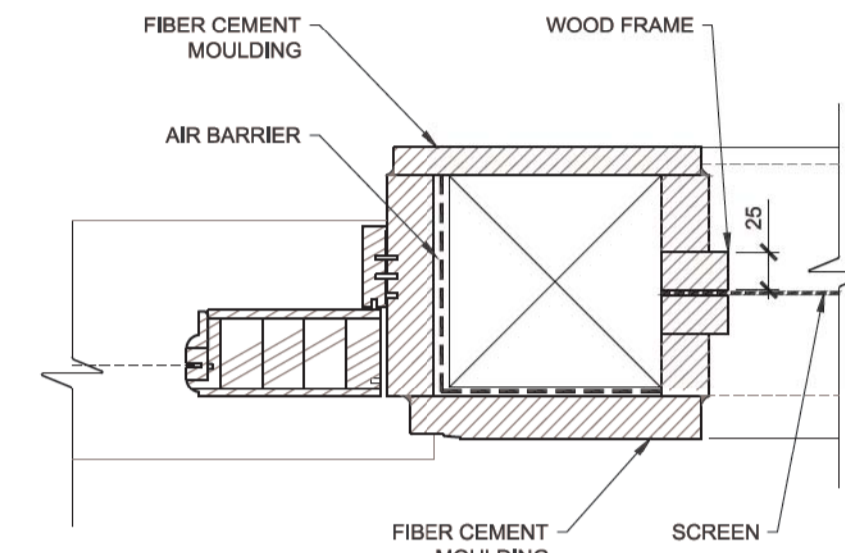
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Date
 March 28th, 2016

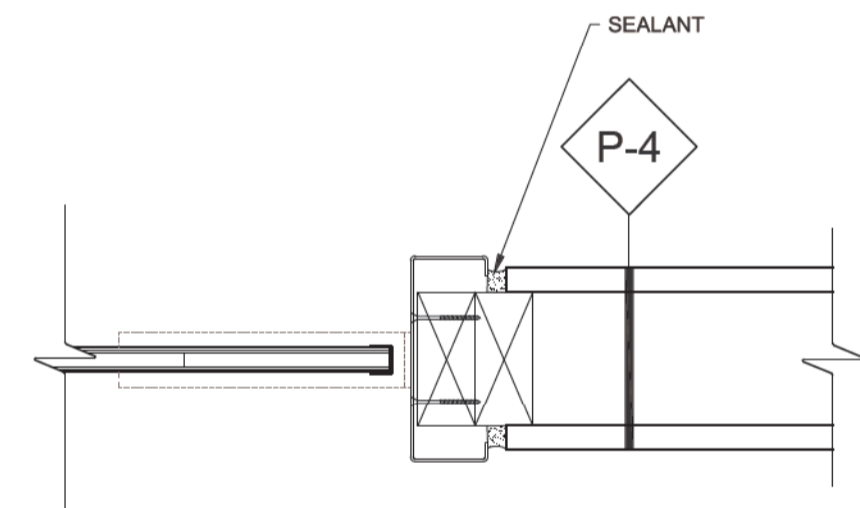
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Drawing No. A512	Revision 00



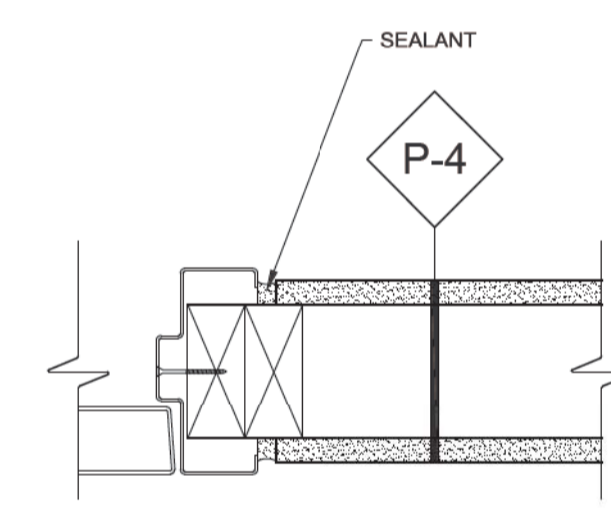
09 TYPICAL SHOWER DOOR JAMB 1:5



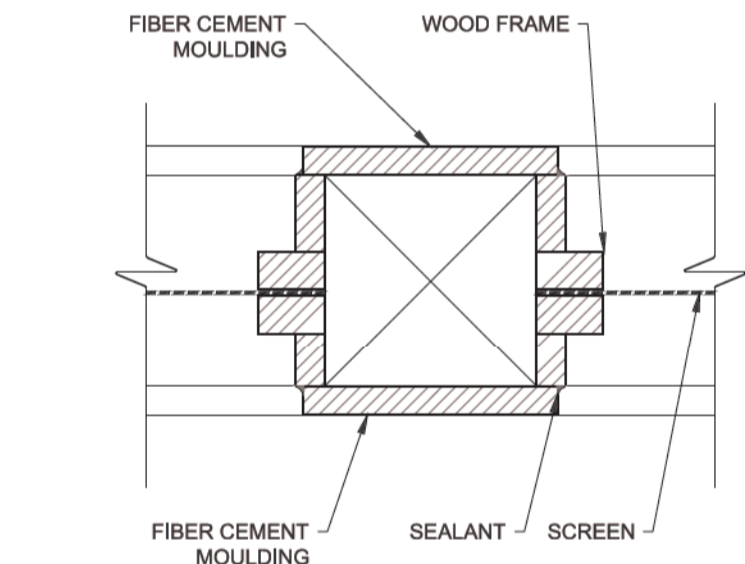
08 WOODEN SCREEN DOOR JAMB 1:5



07 DUAL SWING KITCHEN DOOR JAMB 1:5

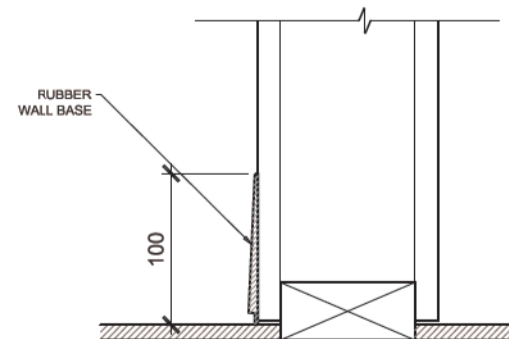


06 TYPICAL INT. DOOR JAMB DETAIL 1:5

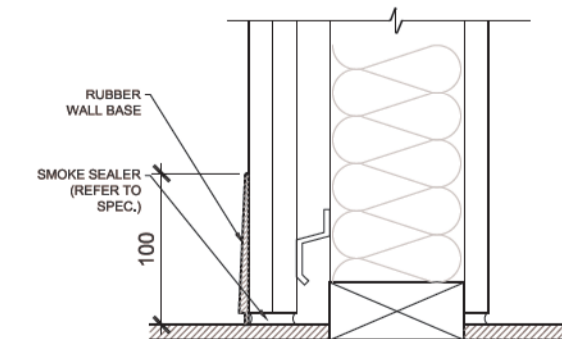


11 WOODEN SCREEN WINDOW JAMB 1:5

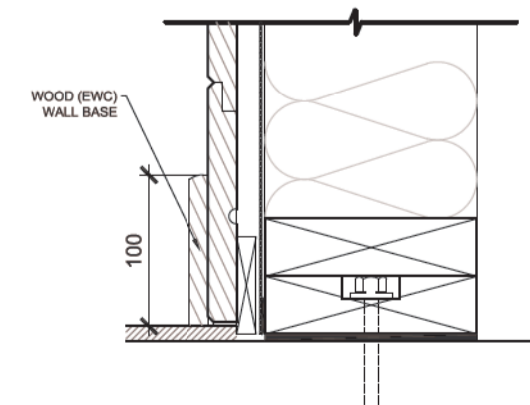
10 WINDOW HEADER AND SILL DETAIL (NEW CONSTRUCTION) 1:5



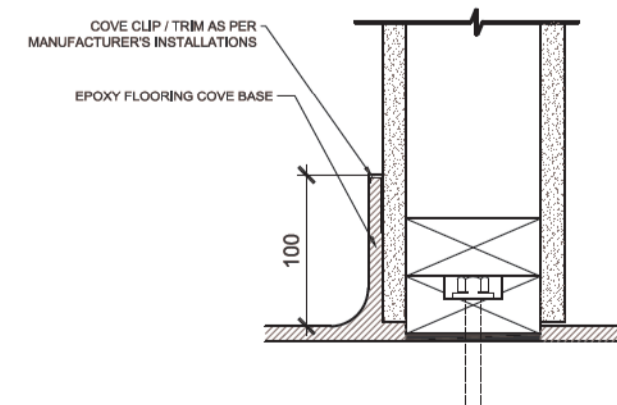
05 RUBBER WALL BASE 1:5



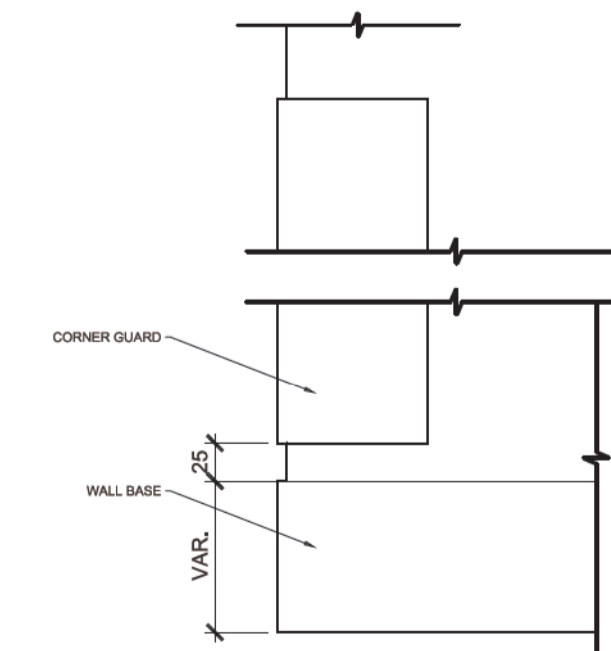
04 RUBBER WALL BASE - SMOKE 1:5



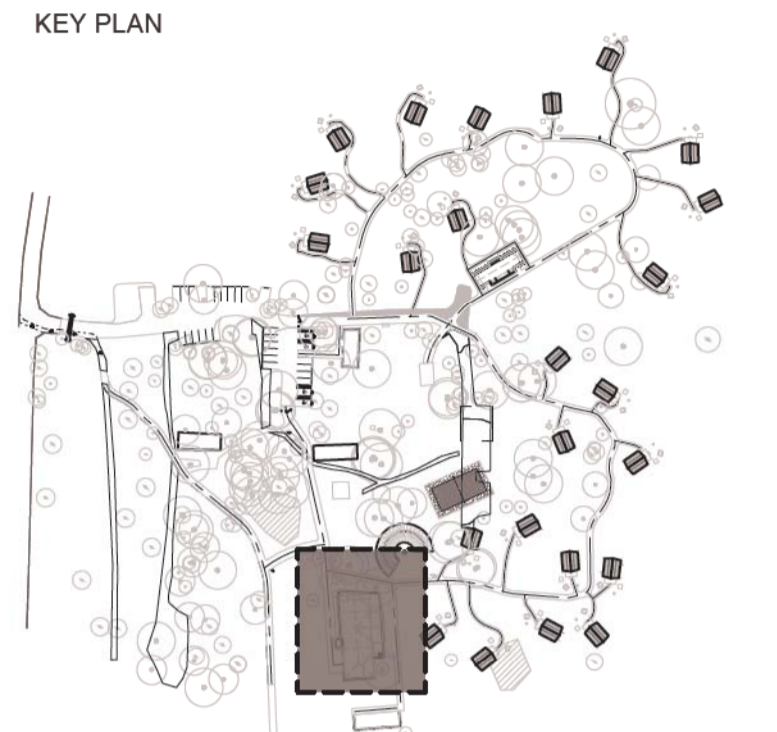
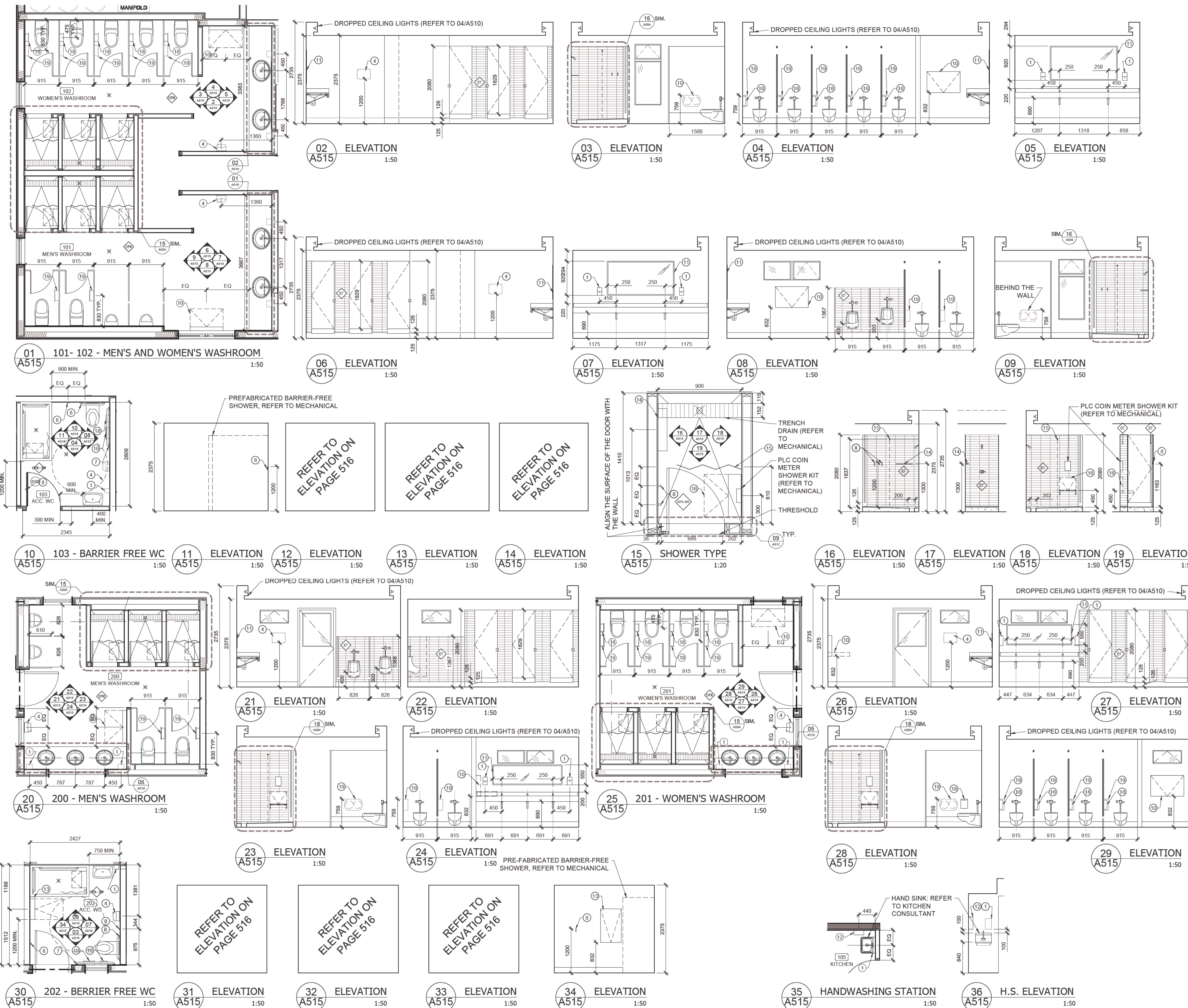
03 WOOD WALL BASE 1:5



02 COVE BASE 1:5



01 CORNER GUARD 1:5



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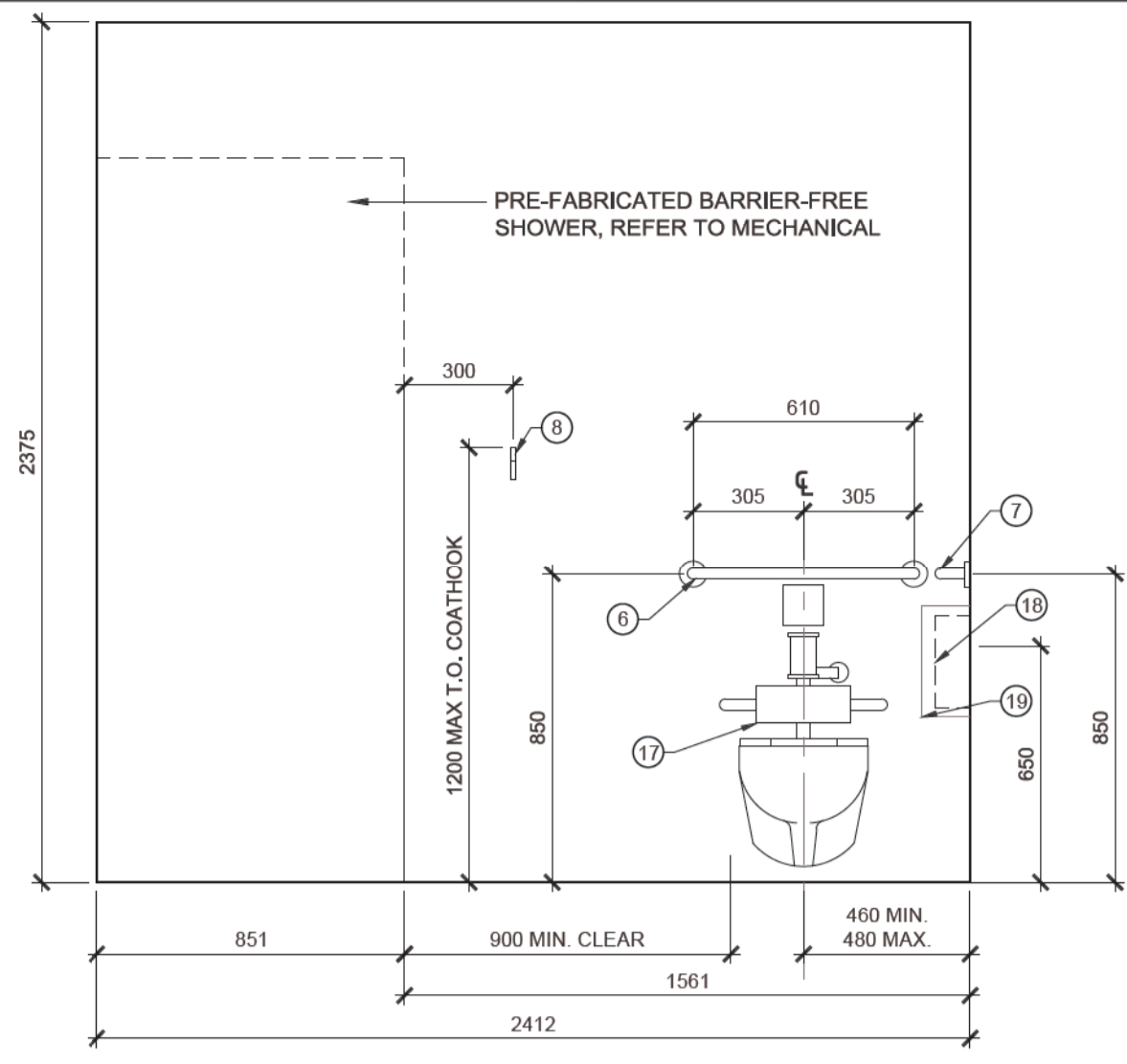
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Drawing Title
**WASHROOM & SHOWER
 ELEVATIONS**

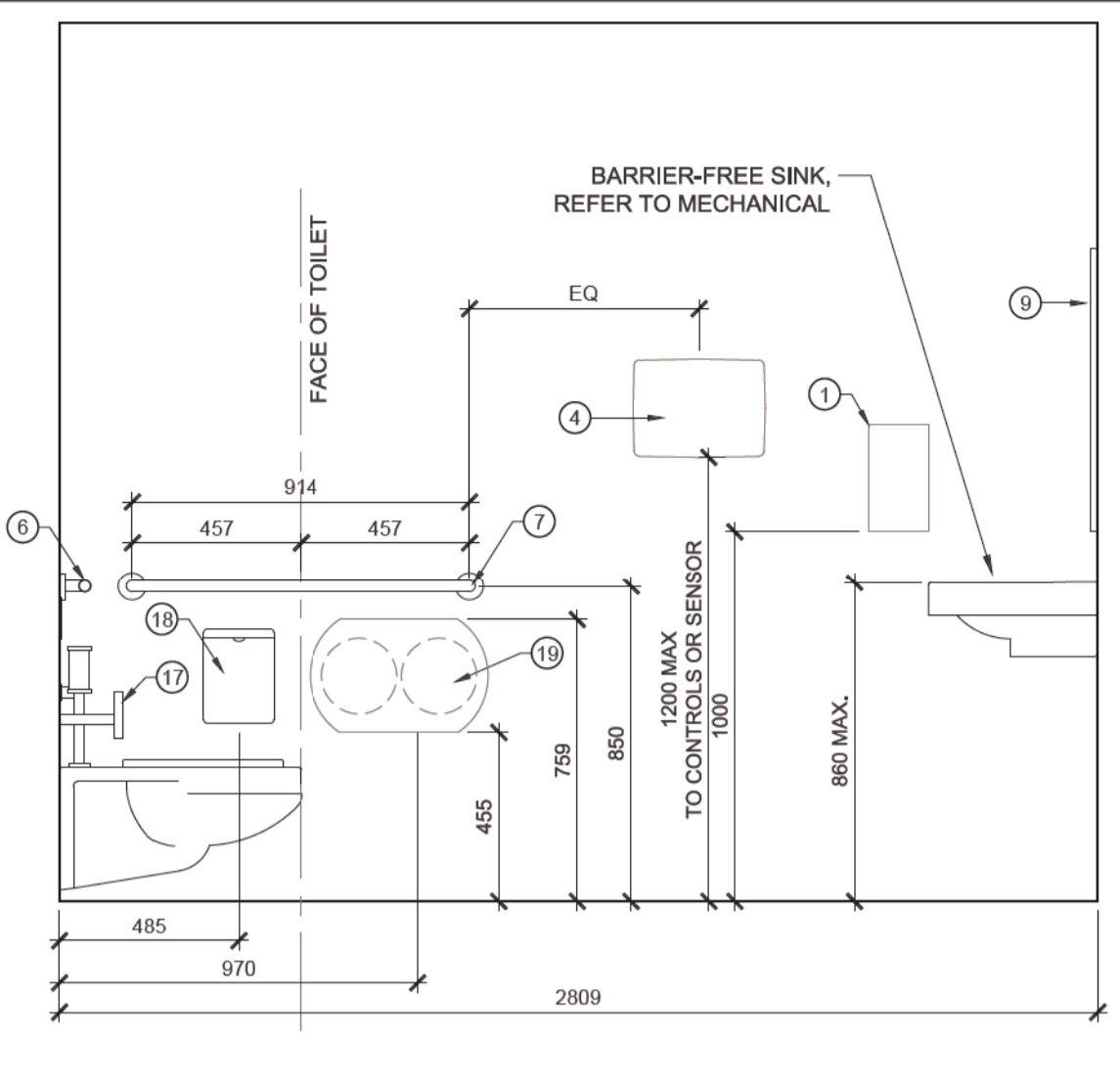
Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND

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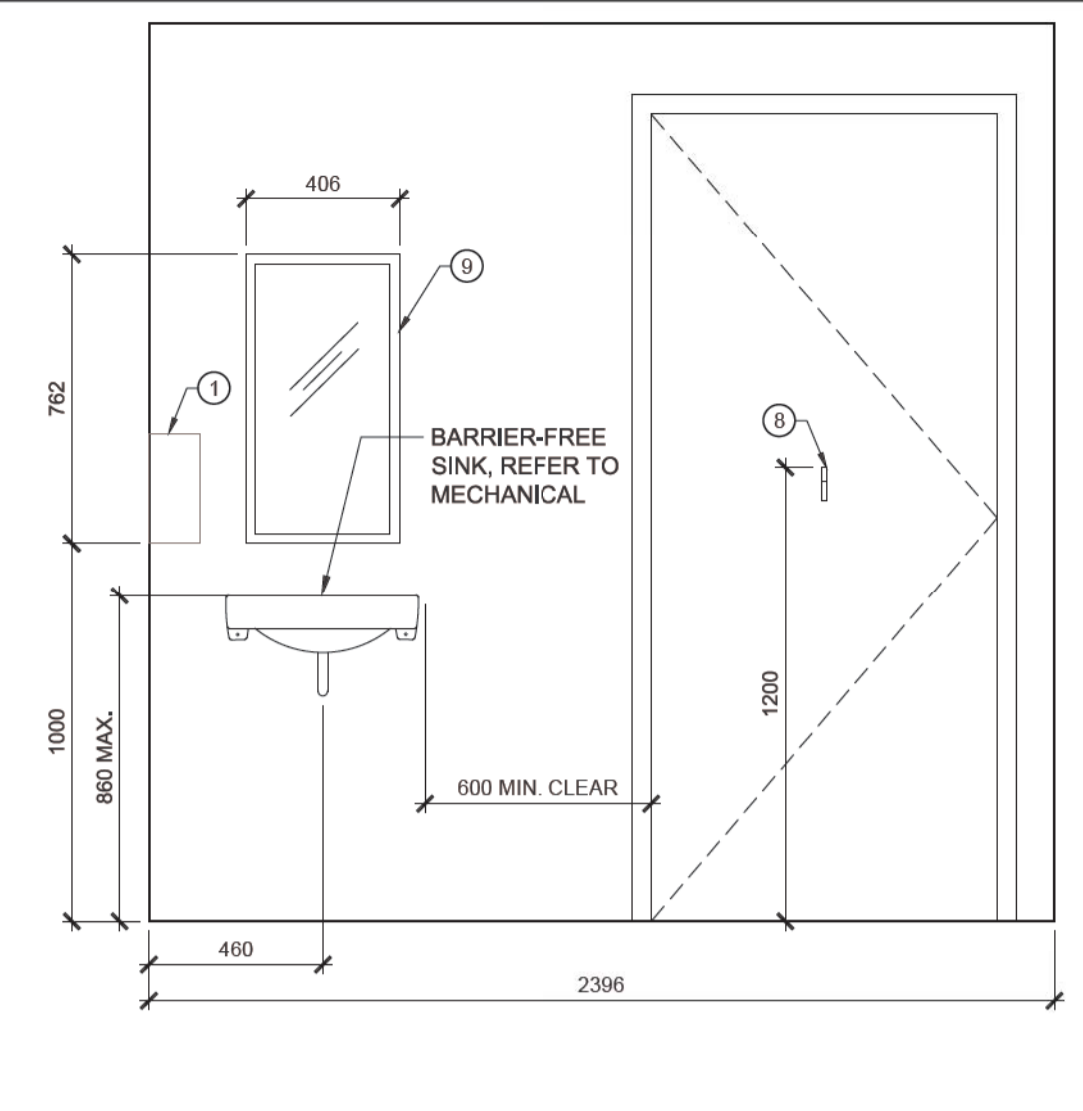
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File DAO	16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No.	A515
Revision	00



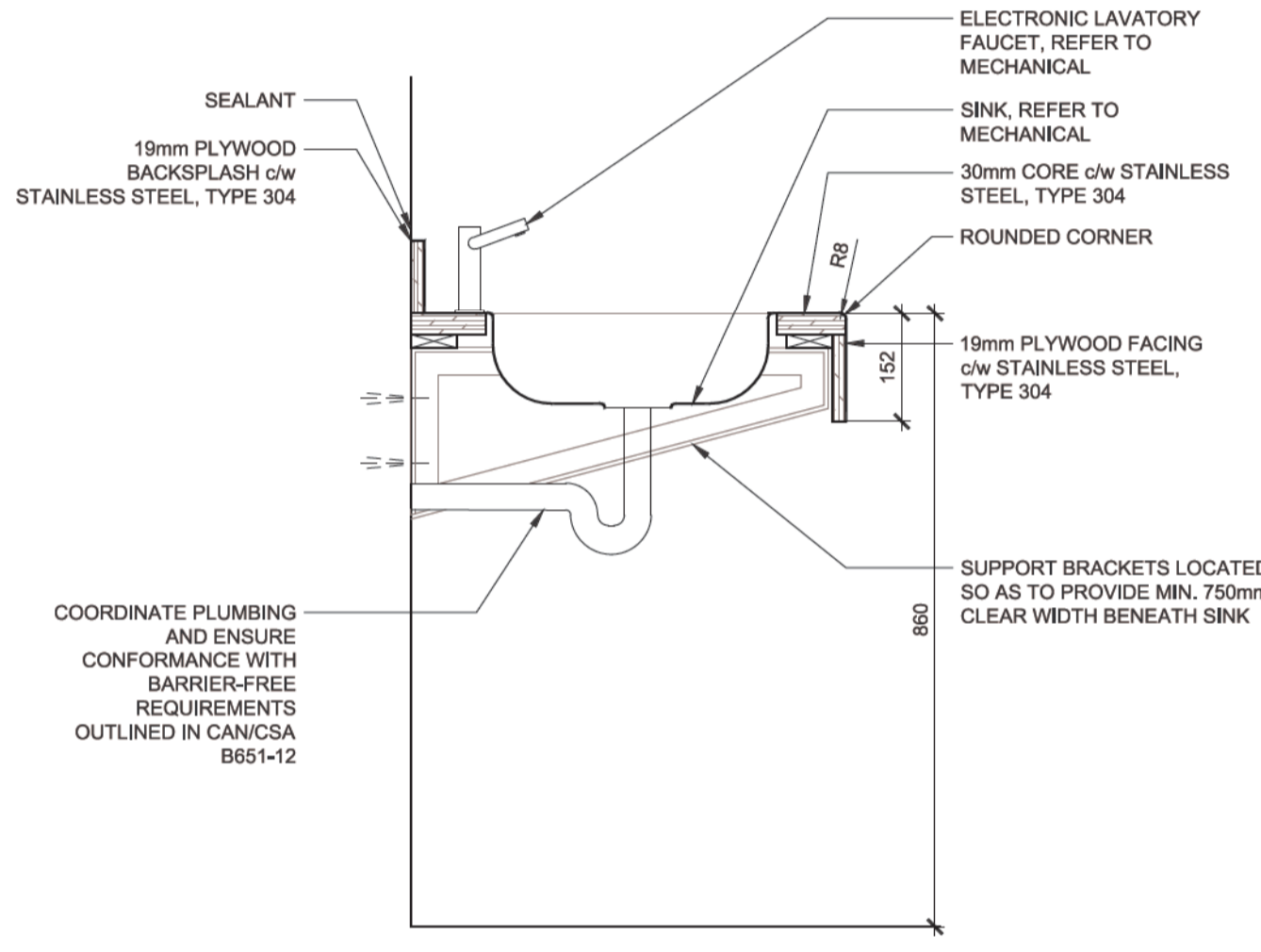
10 MH - BARRIER-FREE WC - WEST ELEV 1:20



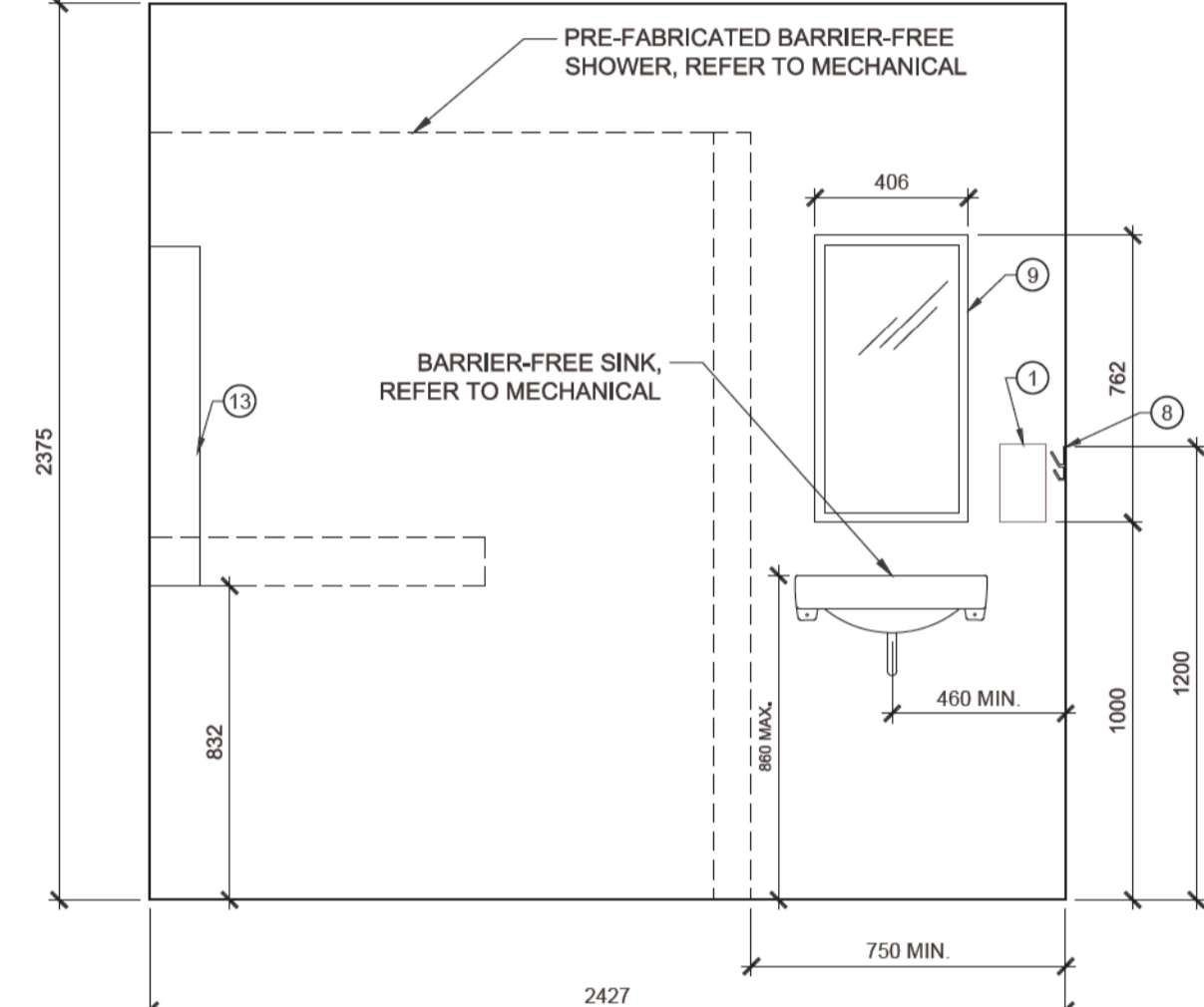
08 MH - BARRIER-FREE WC - NORTH ELEV 1:20



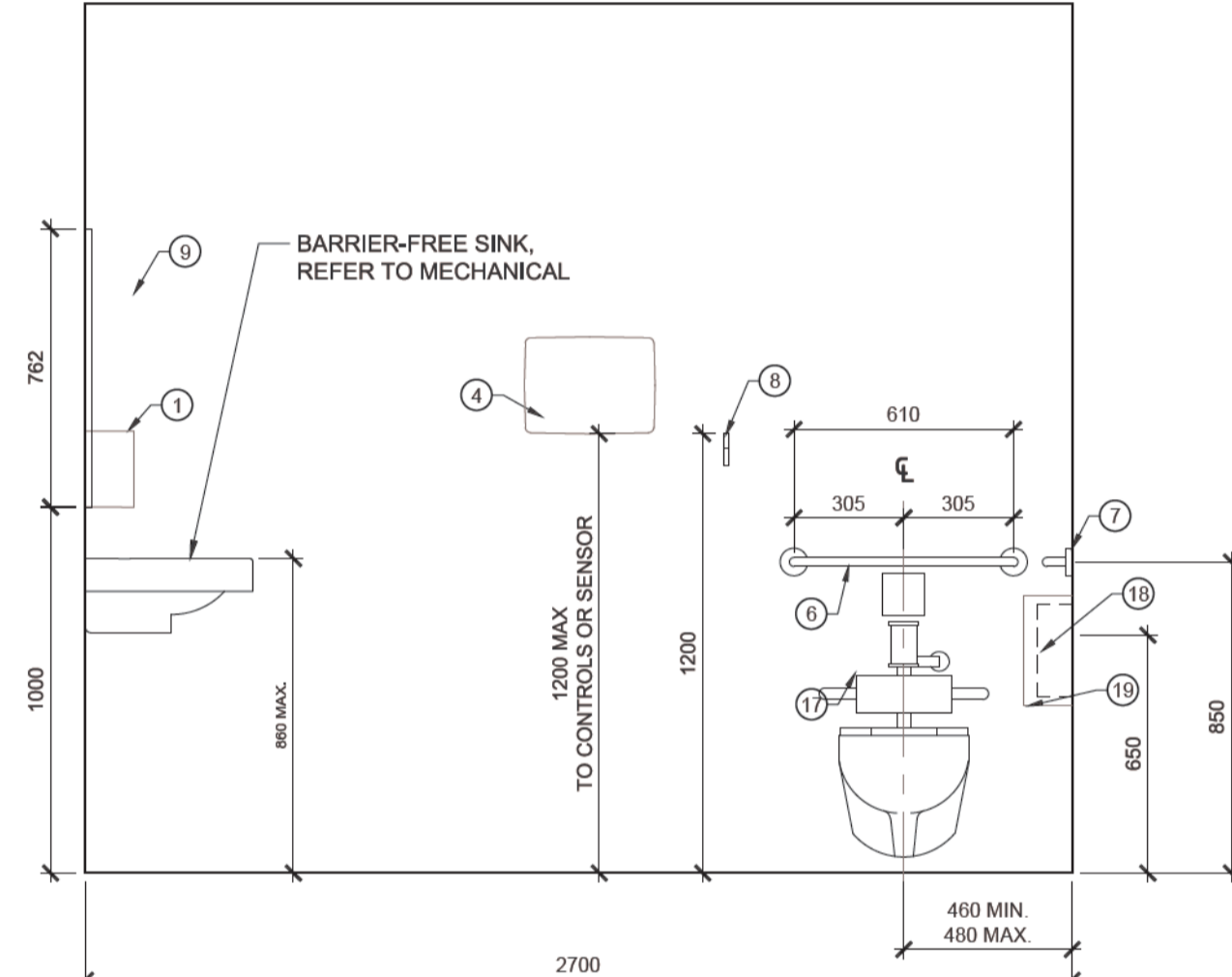
04 MH - BARRIER-FREE WC - EAST ELEV 1:20



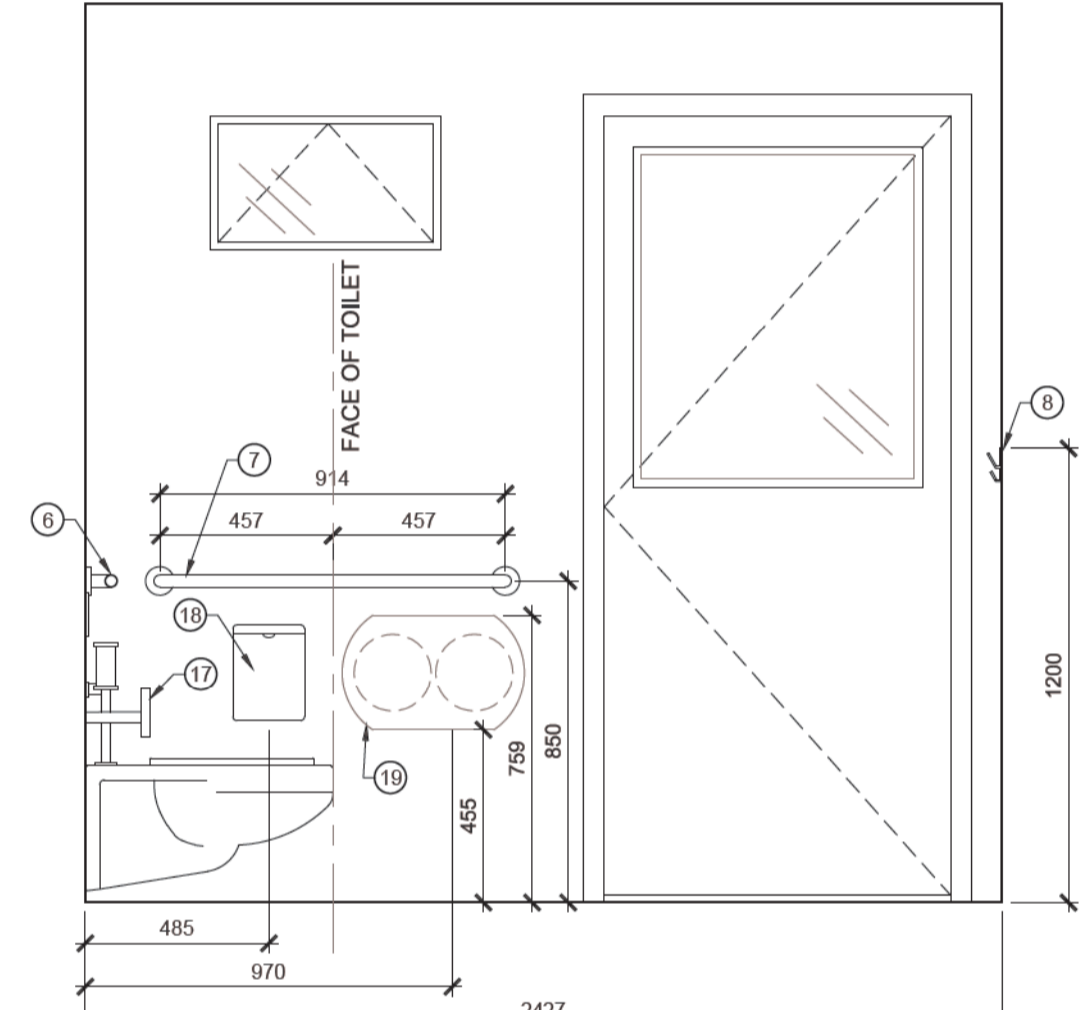
12 TYPICAL WASHROOM COUNTER DETAIL 1:10



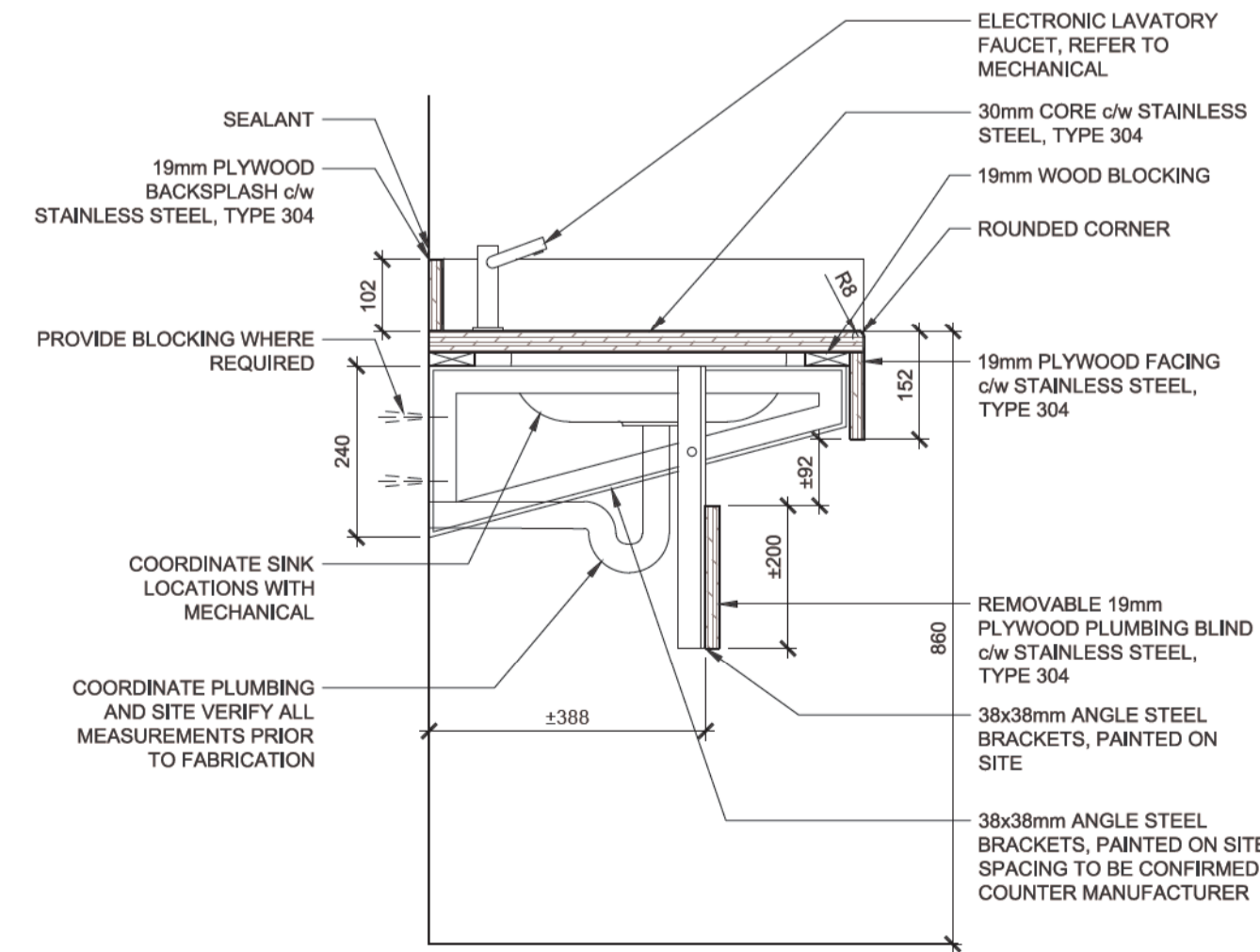
09 CS - BARRIER-FREE WC - X ELEV 1:20



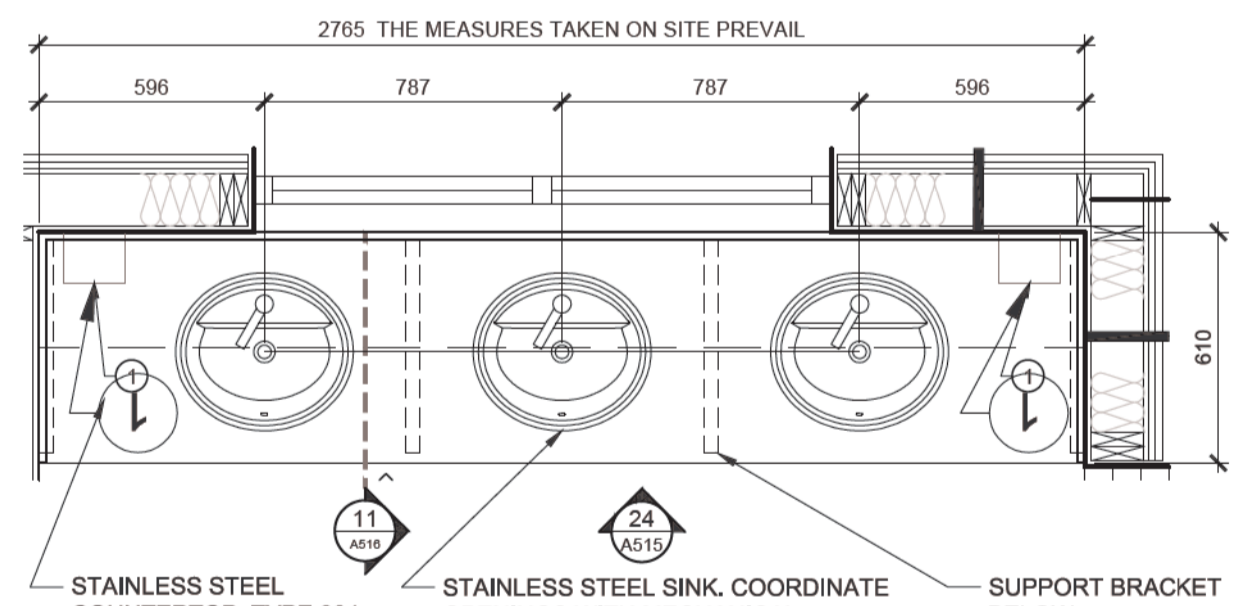
07 CS - BARRIER-FREE WC - X ELEV 1:20



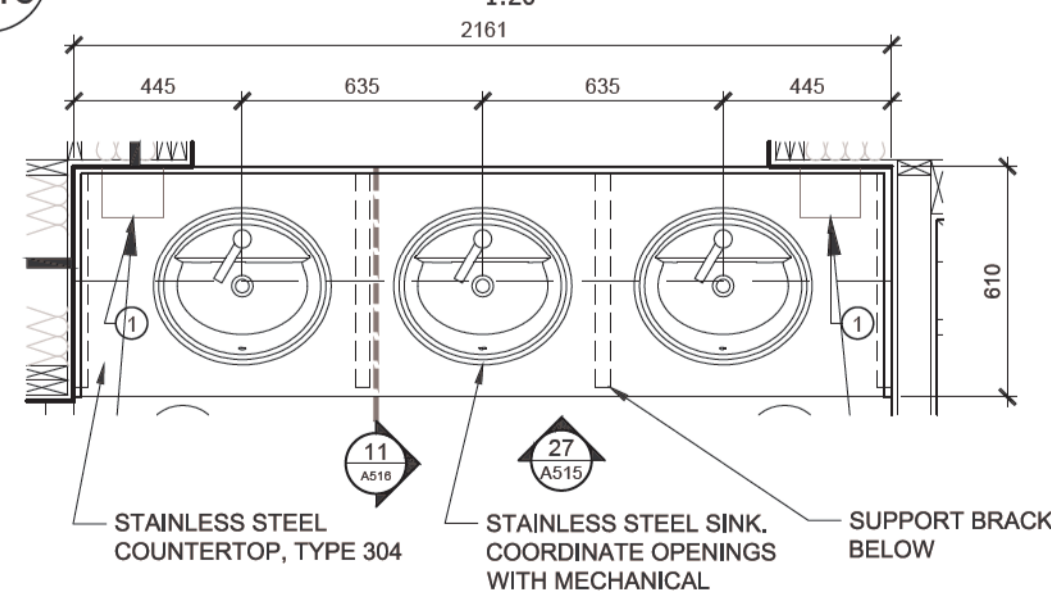
03 CS - BARRIER-FREE WC - X ELEV 1:20



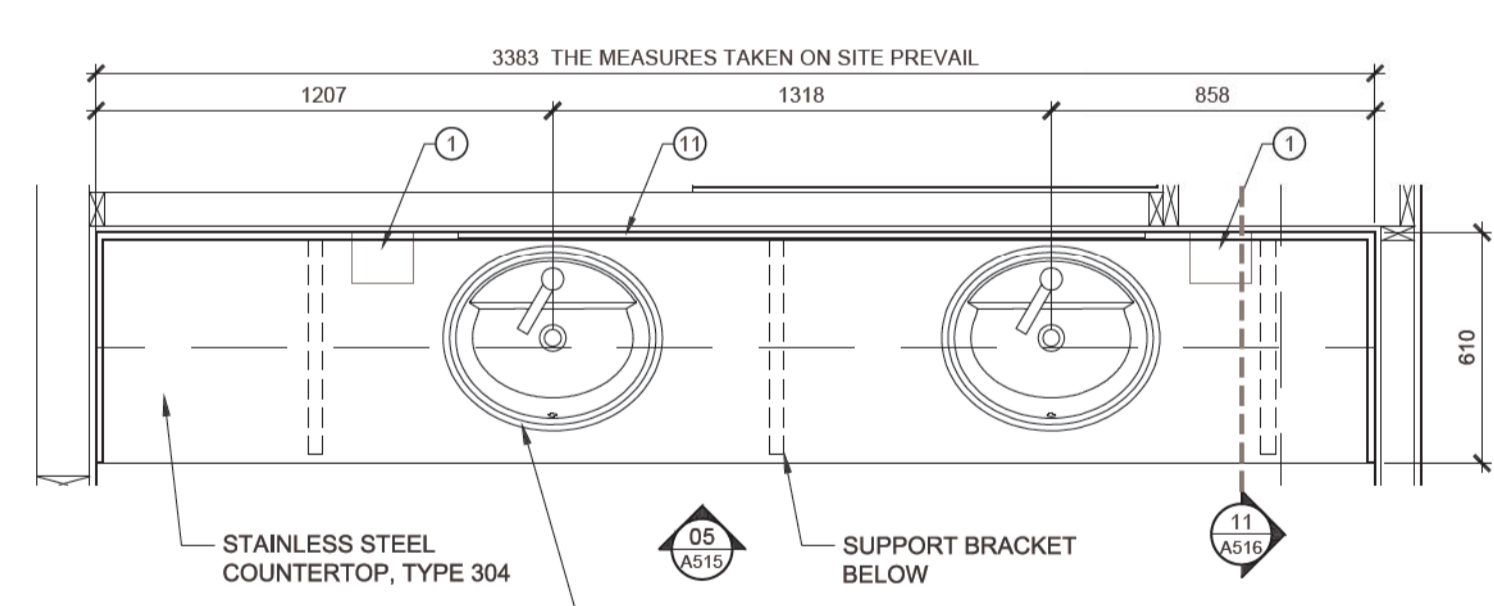
11 TYPICAL WASHROOM COUNTER DETAIL 1:10



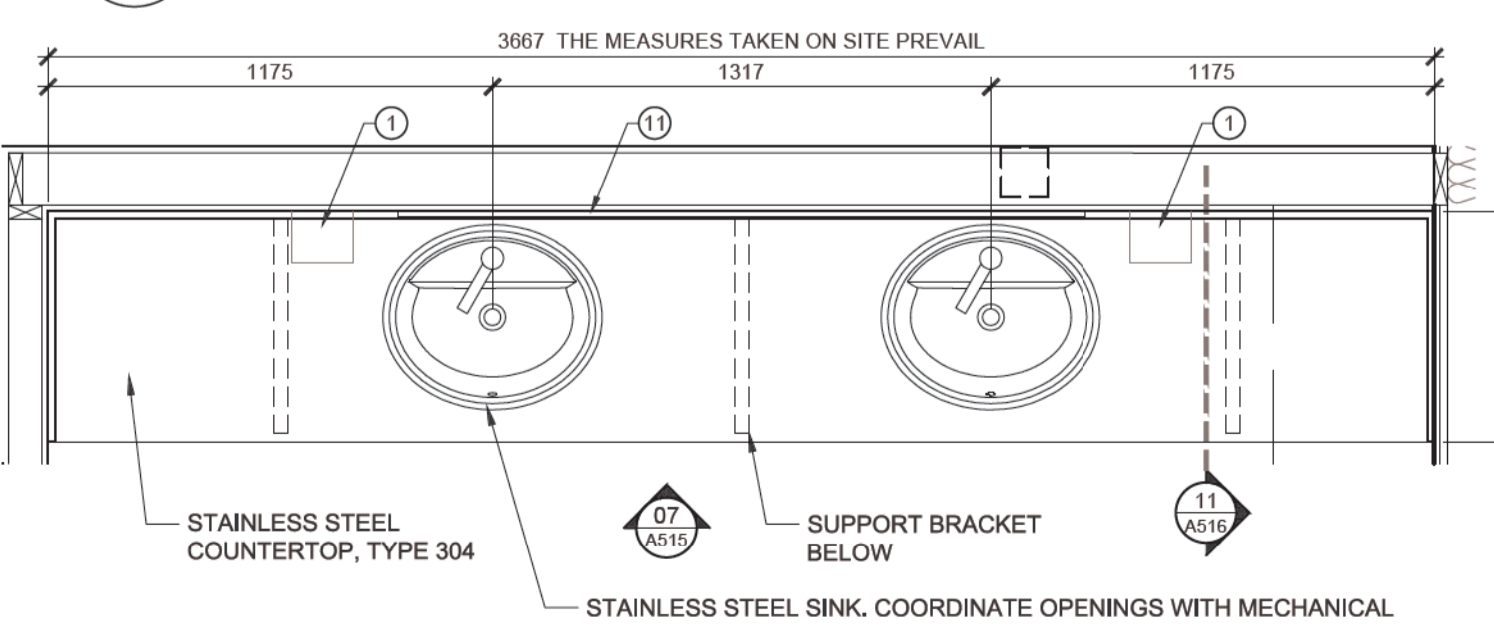
06 CS - MEN'S WASHROOM 1:20



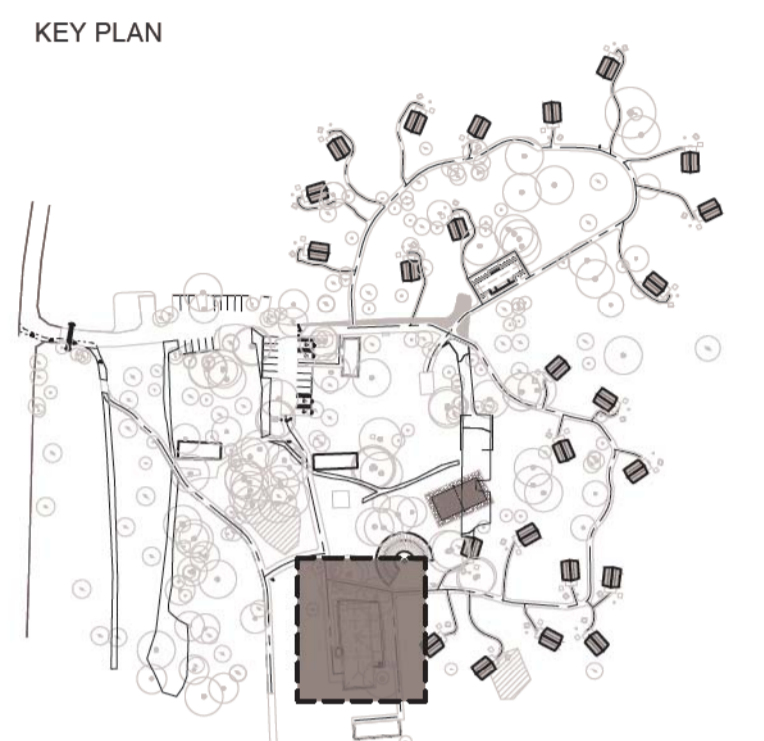
05 CS - WOMEN'S WASHROOM 1:20



02 MESS HALL - WOMEN'S WASHROOM COUNTER 1:20



01 MESS HALL - MEN'S WASHROOM COUNTER 1:20



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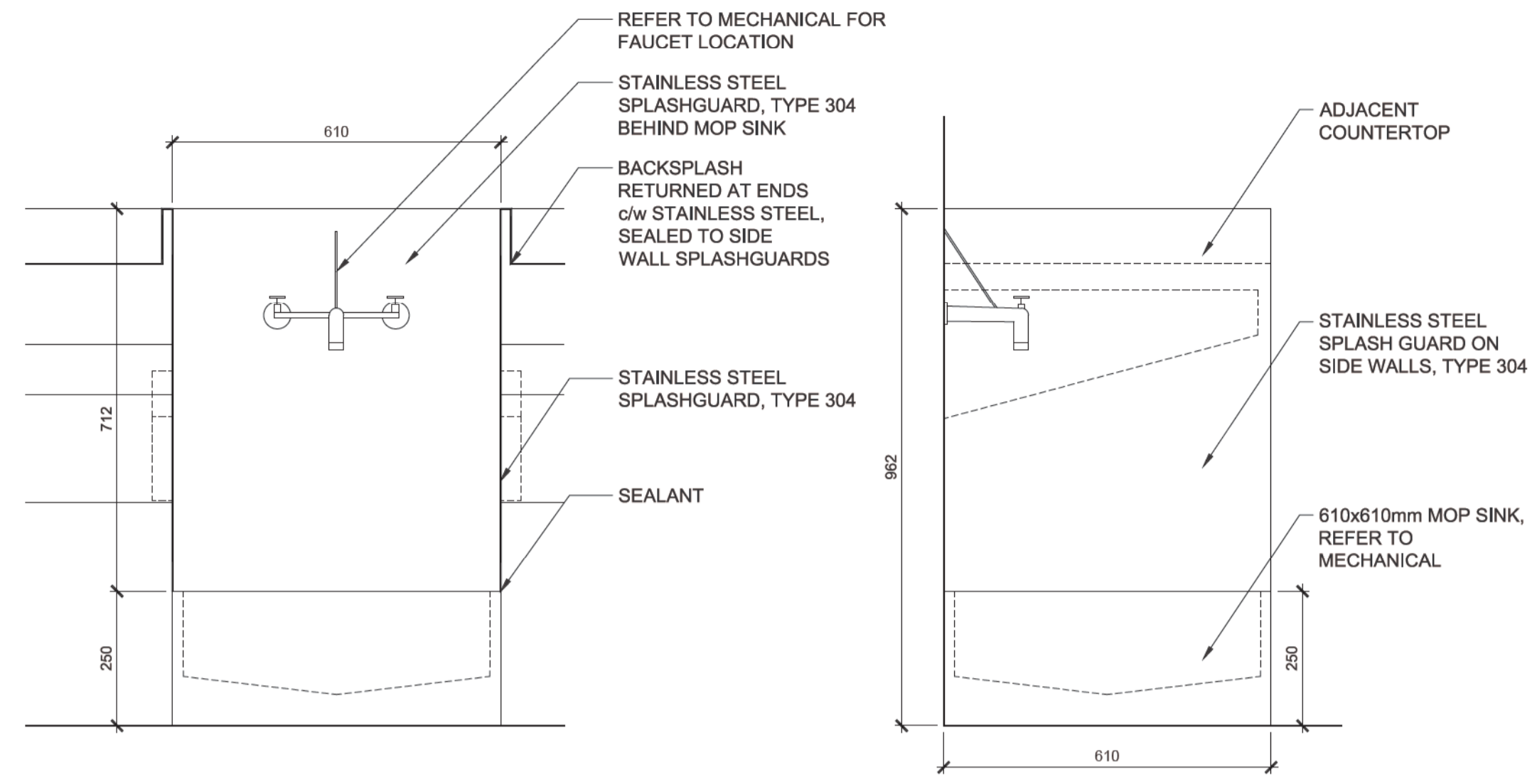
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**BARRIER-FREE
 WASHROOM ELEVATIONS
 PUBLIC WASHROOM COUNTERS**

Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND

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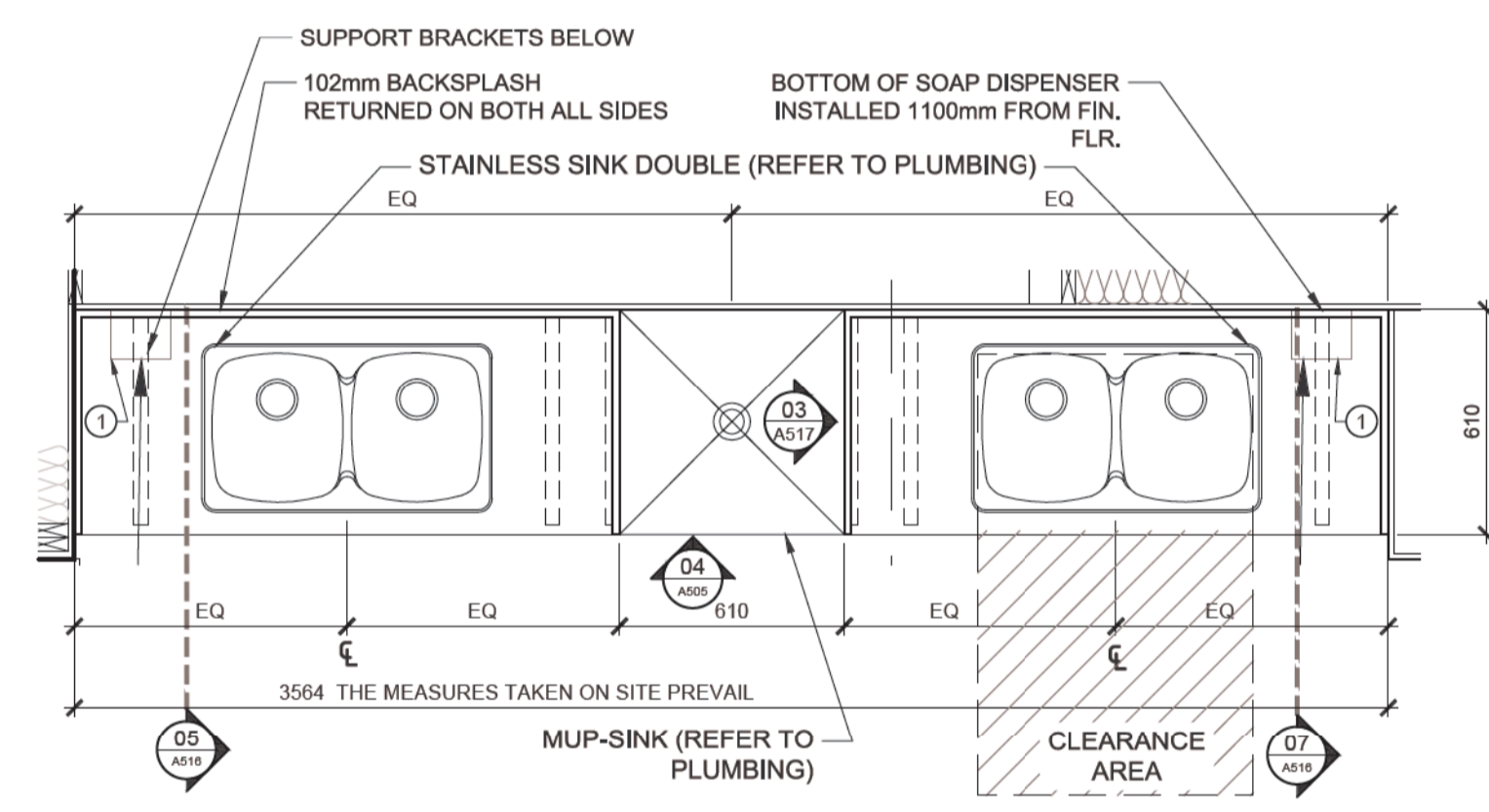
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16-0167	16-0167-A-PEC-PTPELEE-100-DINING HALL.DWG
Drawing No.	Revision
A516	00

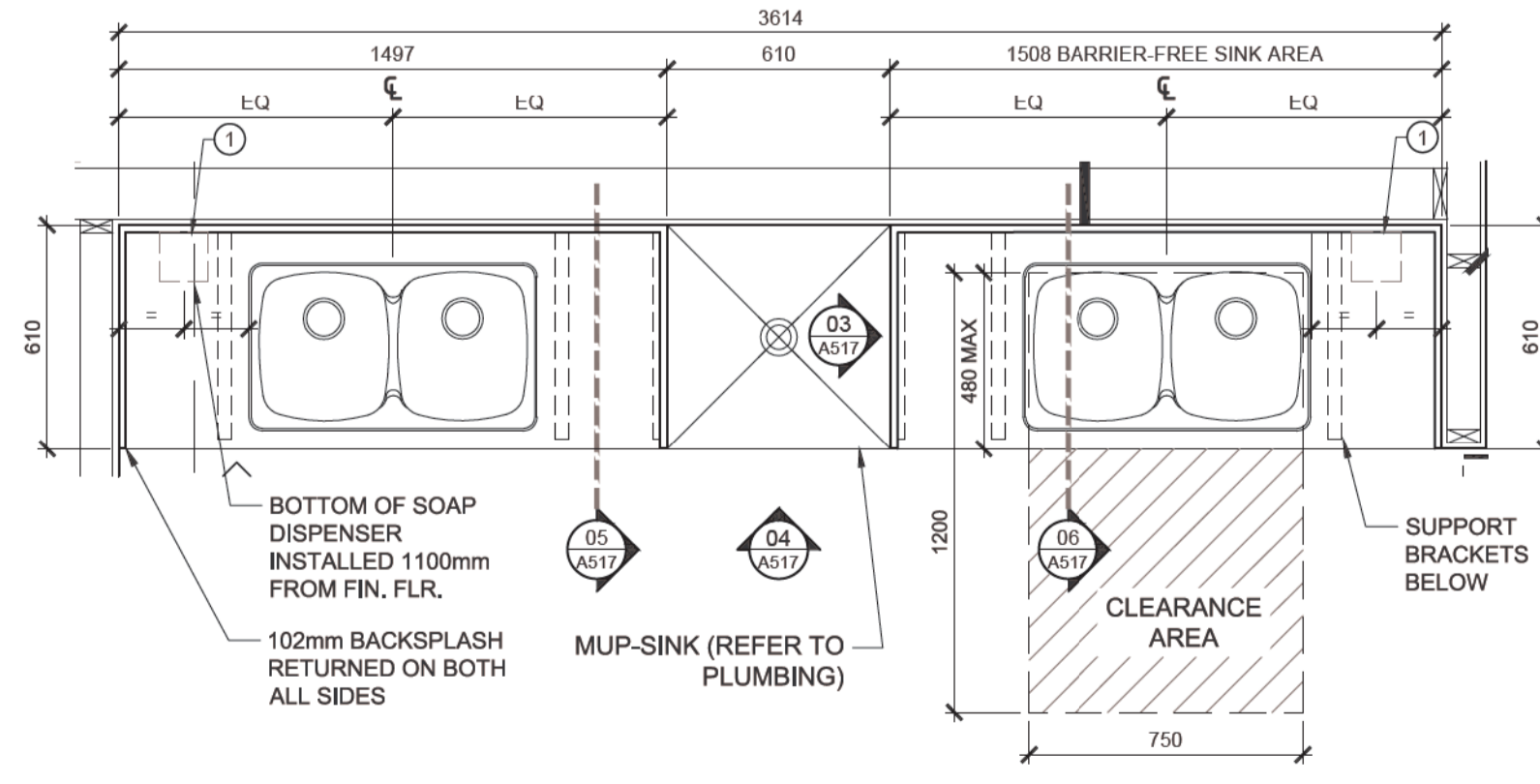


04 WATER FILLING STATION ELEVATION - FRONT 1:10

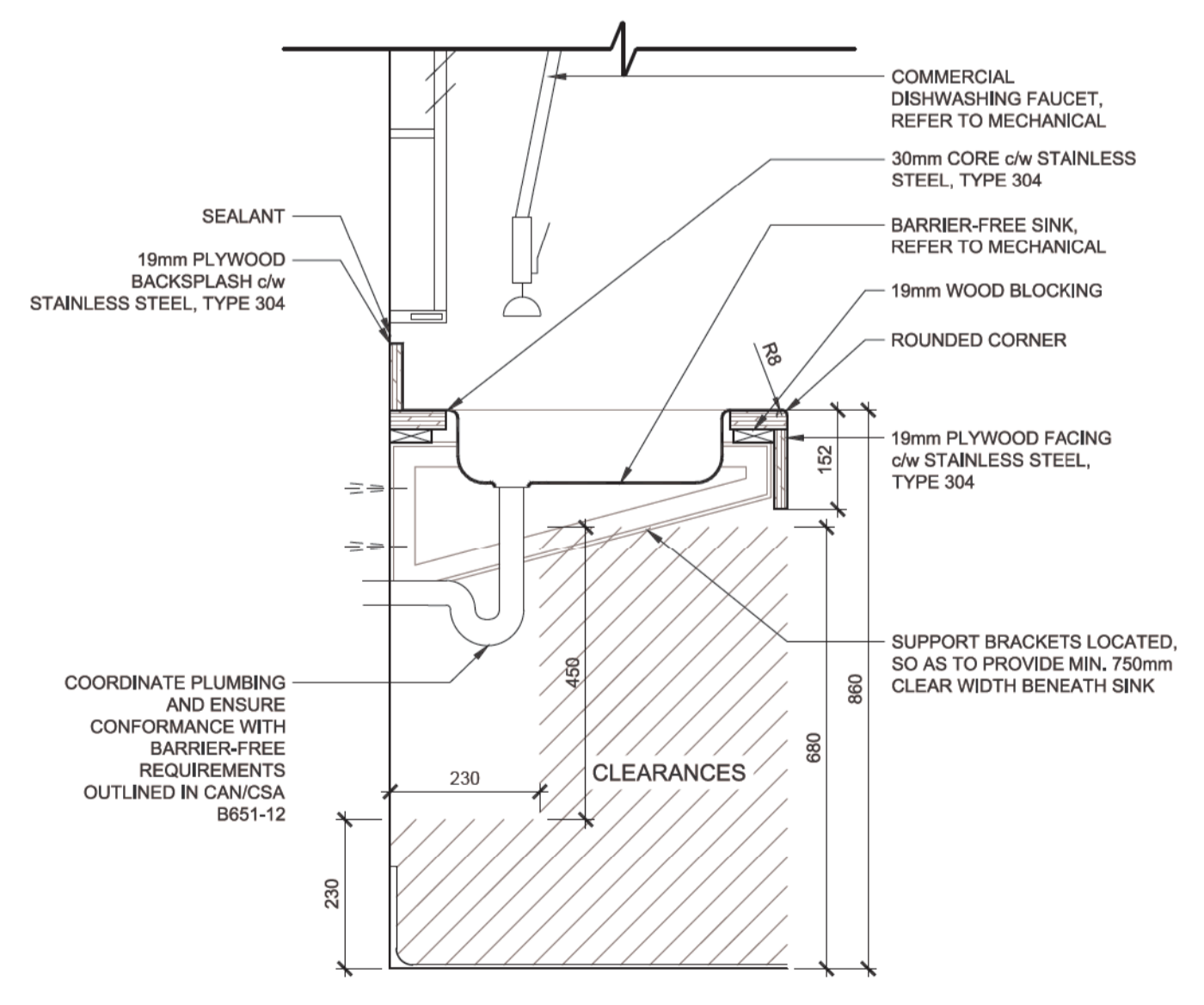
03 WATER FILLING STATION ELEVATION - SIDE 1:10



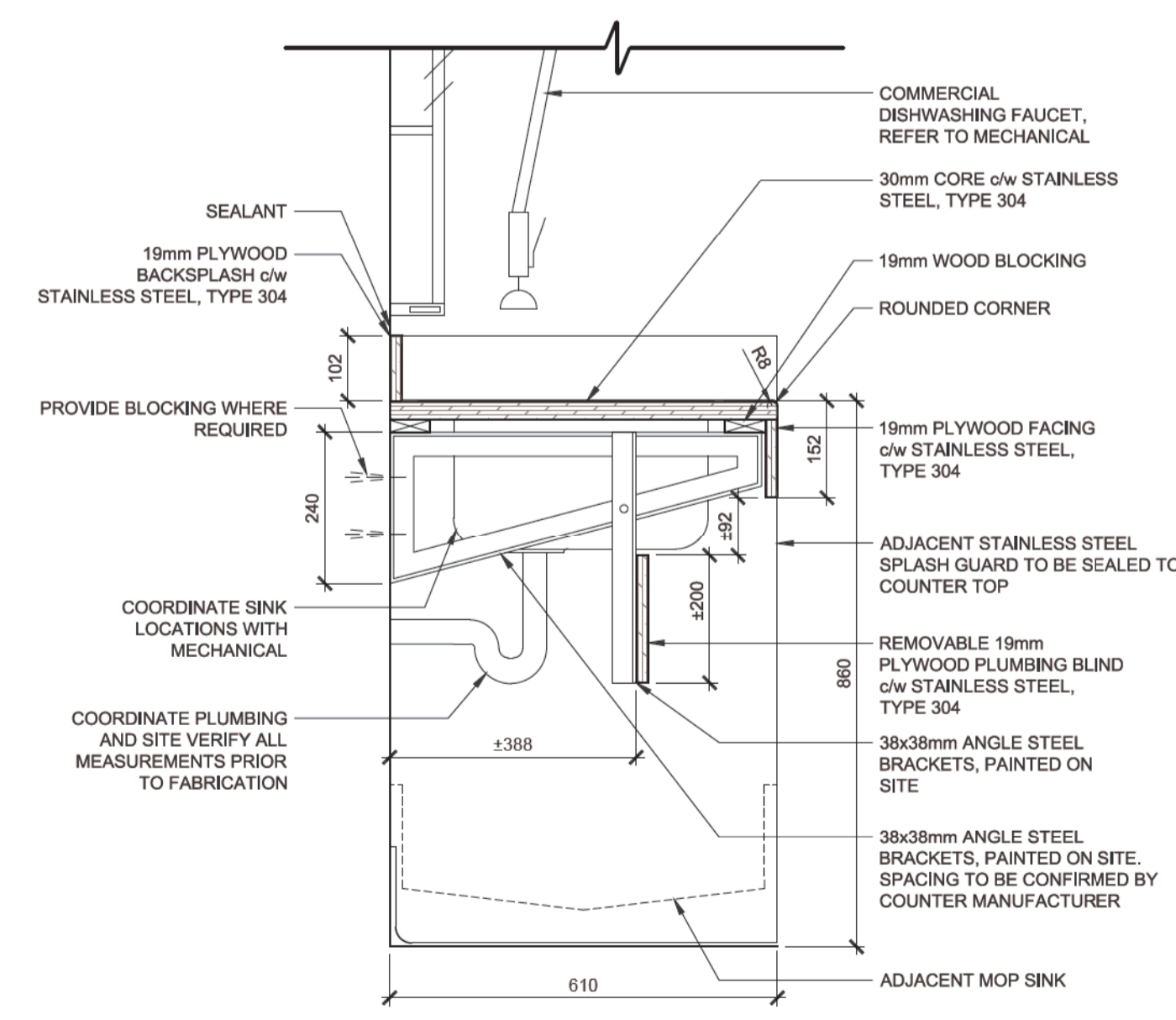
02 COMFORT STATION - DISHWASHING AREA 1:20



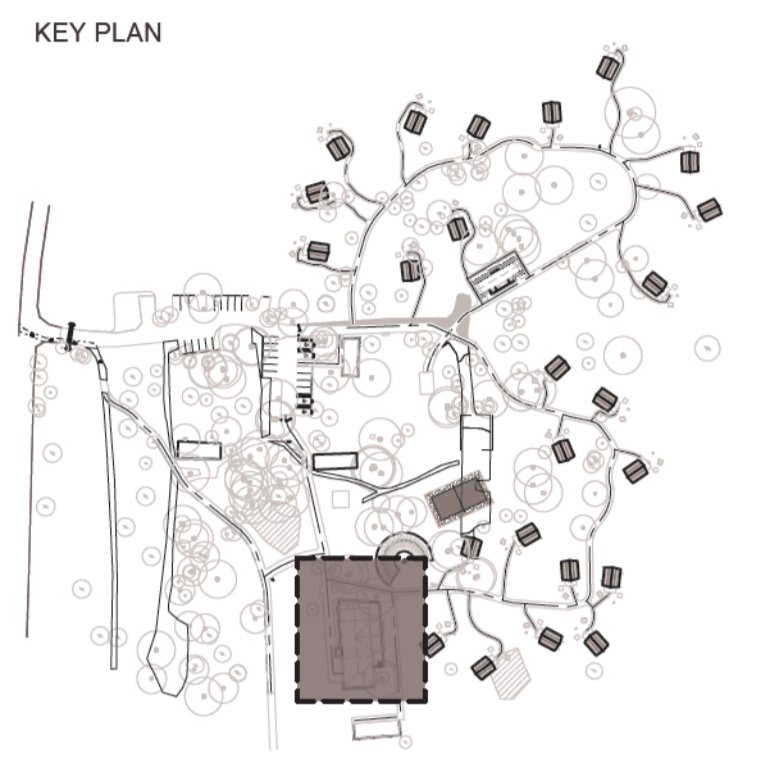
01 MESS HALL - DISHWASHING STATION 1:20



06 DISHWASHING STATION - BARRIER-FREE COUNTER SECTION 1:10



05 DISHWASHING STATION - COUNTER SECTION 1:10



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Drawing Title
**DISHWASHING STATIONS
 & WATER FILLING STATIONS**

Drawn By: R. ST-PIERRE / D. SMITH
 Designed By: J. GODIN
 Approved By: M.C. LEBLOND

Drawing Scale

Date
 March 28th, 2016

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Drawing No.	Revision
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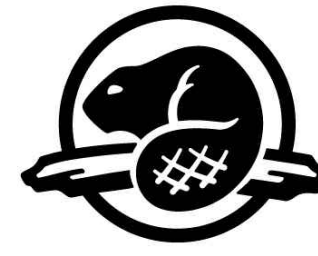
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POINT PELEE NATIONAL PARK CAMP HENRY RENEWAL

POINT PELEE NATIONAL PARK

LEAMINGTON, ON

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- C3 Sanitary Servicing Plan
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- C5 Gas Servicing Plan
- C6 Hydro Servicing Plan

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6. SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF PITS, BASES, SUMPS, TRENCHES, DEPRESSIONS, GROOVES AND CHAMFER NOT SHOWN ON STRUCTURAL DRAWINGS.
7. ALL DIMENSIONS GIVEN ON STRUCTURAL DRAWINGS ARE IN METRIC SYSTEM UNLESS OTHERWISE NOTED. DO NOT SCALE THESE DRAWINGS.
8. THE CONTRACTOR WILL FACILITATE ALL MATERIAL TESTING REQUIRED BY THE ARCHITECT AND ENGINEER, PARKS CANADA AGENCY TO COVER AND GENERAL CONTRACTOR TO ORGANIZE AND CO-ORDINATE.
9. NATIONAL PARK - THE PROJECT IS LOCATED IN A NATIONAL PARK OF CANADA, THEREFORE STANDARDS FOR ENVIRONMENTAL PROTECTION AND FOR VISUAL AESTHETICS OF FINAL PRODUCT SHALL BE OF A QUALITY STANDARD. CONTRACT LIMITS SHALL BE STRICTLY ADHERED TO AND CONTRACTOR IS TO TAKE SPECIAL CARE TO MINIMIZE DAMAGE AND DISTRIBUTION AND PROTECT EXISTING FEATURES. THE DEPARTMENTAL REPRESENTATIVE OR DESIGNATE IS TO BE NOTIFIED IMMEDIATELY IF ANY NATURAL RESOURCES ARE LOCATED DURING CONSTRUCTION.

GENERAL NOTES:

1. NATIONAL BUILDING CODE OF CANADA LATEST EDITION SHALL BE THE BASIS FOR DESIGN AND CONSTRUCTION OF ALL WORK ON THIS PROJECT.
2. THIS CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL CONDITIONS AND MEASUREMENTS AT THE SITE AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
3. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY BRACING AS REQUIRED FOR ALIGNMENT, WIND, DEAD LOAD AND ERECTION STRESSES.
4. SEE ARCHITECTURAL, MECHANICAL & ELECTRICAL DRAWINGS FOR LOCATIONS OF THE OPENINGS, EQUIPMENT BASES, TRENCHES NOT INDICATED ON THE STRUCTURAL DRAWINGS.
5. THIS CONTRACTOR SHALL LOCATE ALL UNDERGROUND SERVICES AND REPORT ANY CONFLICTS WITH THE FOUNDATION LAYOUT TO THE ENGINEER BEFORE EXCAVATING FOR FOOTINGS.
6. DO NOT EXCEED DESIGN LOADS DURING CONSTRUCTION UNLESS SHORING IS PROVIDED AND APPROVED BY THE STRUCTURAL ENGINEER.
7. CONTRACTOR TO PROVIDE ENGINEERED DESIGN FOR ALL REQUIRED TEMPORARY SHORING DURING CONSTRUCTION.

SITE INSPECTION REPORTS AND TESTING:

1. NATIONAL BUILDING CODE OF CANADA SPECIFIES THAT GENERAL FIELD REVIEWS OF THE BUILDING BE CARRIED OUT DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE START OF CONSTRUCTION TO FACILITATE SUCH REVIEWS BY THE STRUCTURAL ENGINEER AND PREPARE A TENTATIVE SCHEDULE FOR THESE INSPECTIONS.
2. THIRD PARTY INSPECTION AND TESTING REPORTS ARE TO BE SUPPLIED TO THE STRUCTURAL ENGINEER BY THE GENERAL CONTRACTOR FOR THE FOLLOWING:

- SOIL BEARING CAPACITY FOR ALL FOOTINGS
- REINFORCING STEEL PLACEMENT
- CONCRETE CYLINDER TEST REPORTS FOR ALL STRUCTURAL CONCRETE (FOOTINGS, FOUNDATION WALLS, SLAB ON GRADE)
- BACKFILL COMPACTION REPORTS
- STRUCTURAL STEEL, ERECTION, PLUMP, BOLTING AND FIELD WELDS

SHOP DRAWINGS:

- THE CONTRACTOR SHALL FURNISH SHOP DRAWINGS TO THE STRUCTURAL ENGINEER. A MINIMUM OF ONE REPRODUCIBLE AND TWO PRINTS OF THE FOLLOWING:
- REINFORCING STEEL PLACING DRAWINGS AND BAR LISTS
 - ROOF TRUSS SHOP DRAWINGS COMPLETE WITH ENGINEERED HANGERS
 - ENGINEERED SHOP DRAWINGS FOR ALL WOOD PARALAM LINTELS AND BEAMS.

FOUNDATIONS:

1. FOOTINGS SHALL BE CARRIED DOWN TO NATURAL UNDISTURBED SOIL CAPABLE OF SUSTAINING SLS PRESSURE OF 100 KPA. IF ANY SOIL ENCOUNTERED AT THE FOUNDATION LEVEL THAT WILL NOT SUSTAIN THE GIVEN PRESSURE, NOTIFY THE ENGINEER BEFORE PROCEEDING ANY FURTHER. A SOIL ENGINEER MUST CONFIRM THE ABOVE ALLOWABLE PRESSURE BEFORE PROCEEDING WITH THE WORK.
2. FOOTINGS EXPOSED TO FROST ACTION DURING CONSTRUCTION SHALL BE PROTECTED BY 4'-0" (1219) OF EARTH OR ITS EQUIVALENT.
3. LINE OF SLOPE BETWEEN ADJACENT EXCAVATION FOR FOOTINGS, SEWERS OR ALONG STEPPED WALL FOOTINGS SHALL NOT EXCEED A RISE OF 7 IN A RUN OF 10. MAXIMUM STEP APPROXIMATELY 2'-0" (610)
4. BACKFILL ON EACH SIDE OF FOUNDATION WALLS SUCH THAT THE DIFFERENCE IN GRADE DOES NOT EXCEED 610MM
5. EXCAVATION TO BE INSPECTED BY SOIL ENGINEER BEFORE POURING CONCRETE. SOIL ENGINEER TO BE RETAINED TO ATTEND TO SITE AT ALL UNDERPINNING LOCATIONS.
6. COMPACT FILL UNDER CONCRETE SLAB ON GRADE TO MINIMUM OF 100% OF ITS STANDARD PROCTOR MODIFIED DENSITY OR AS RECOMMENDED BY GEOTECHNICAL ENGINEER.
7. ALL EXCAVATIONS MUST BE DONE IN ACCORDANCE WITH OCCUPATIONAL HEALTH AND SAFETY REGULATION OF ONTARIO. EXCAVATED SLOPES SHOULD BE EROSION PROTECTED DURING CONSTRUCTION TIME.

CONCRETE:

1. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST REQUIREMENTS OF CSA-CAN-A23.1 AND A23.3
2. COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS U.N.O.

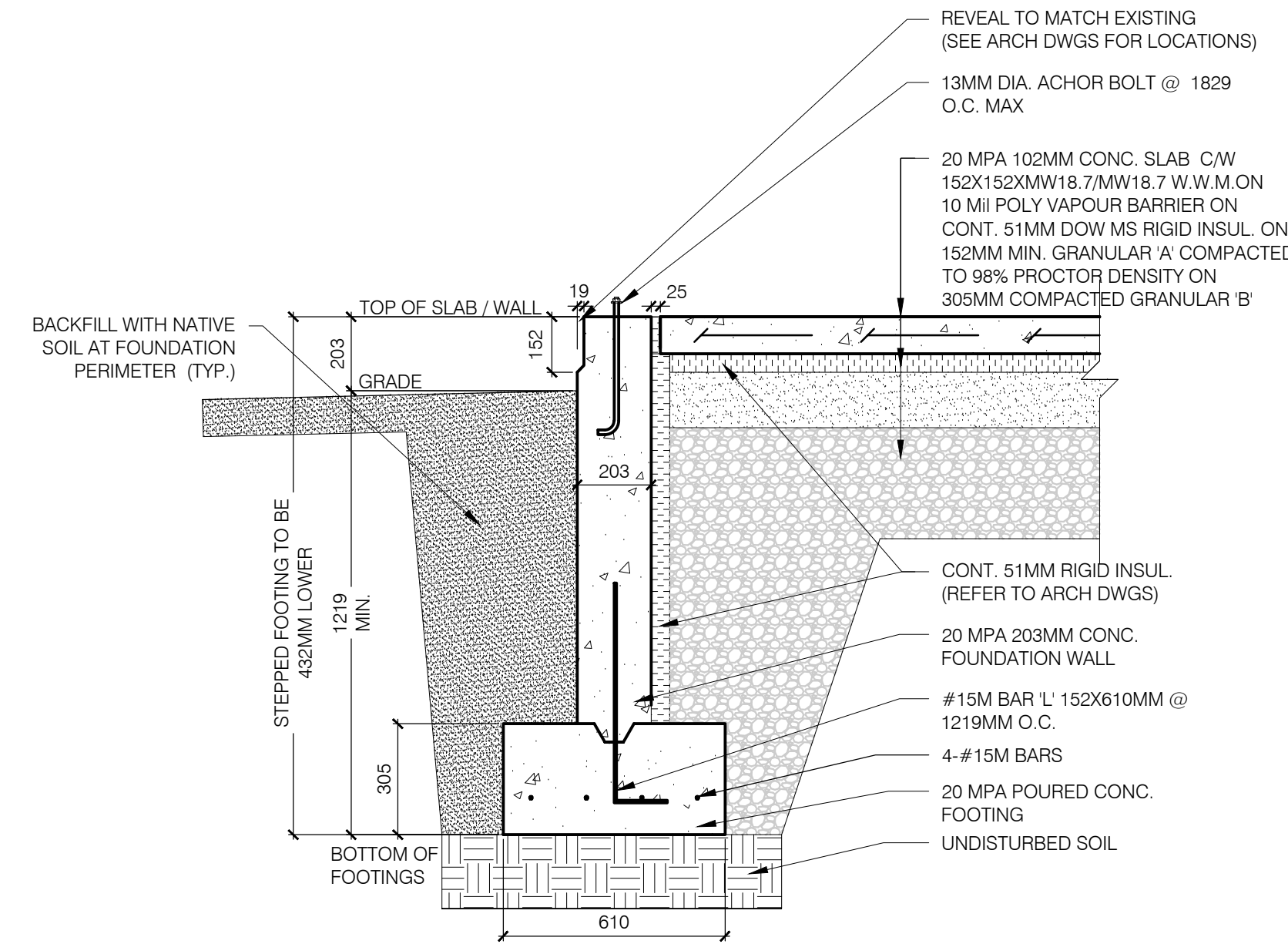
LOCATION:	STRENGTH:
FOOTINGS	20 MPA
PIERS	25 MPA
EXPOSED PIERS	32 MPA
FOUNDATION WALLS	25 MPA
INTERIOR SLAB ON GRADE	25 MPA
EXTERIOR SLAB ON GRADE	32 MPA

3. MAXIMUM SLUMP IS TO BE 80mm +20
4. ALL CONCRETE EXPOSED TO WEATHER SHALL BE AIR ENTRAINED WITH A TOTAL AIR CONTENT OF 5-6%
5. CONCRETE REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO CSA-G30.12 HAVING A MINIMUM YIELD STRENGTH OF 400 MPA.
6. MINIMUM CONCRETE COVER FOR THE REINFORCING STEEL SHALL BE AS FOLLOWS:
 - a. FACE OF ALL STRUCTURAL ELEMENTS (SLABS, BEAMS, COLUMNS & WALLS) WHICH ARE POURED AGAINST EARTH = 76MM
 - b. FORMED SLABS, BEAMS, COLUMNS AND WALLS EXPOSED TO EARTH = 51MM
 - c. INTERIOR SLABS AND WALLS IN HEATED SPACES = 25MM
 - d. BEAMS AND COLUMNS NOT EXPOSED TO EARTH OR WEATHER = 38MM
7. LAP AND ANCHOR SPLICES TO CONFORM TO CSA-A23.3
8. FOR UNDERGROUND CONCRETE WORK USE SULFATE RESISTANT CEMENT UNLESS PROVEN BY TEXT THAT THE SULFATE CONTENT OF SOIL IS WITHIN THE ALLOWABLE LIMITS.
9. ALL EXPOSED CORNERS OF CONCRETE SHALL HAVE 19MM CHAMFER.
10. ANCHOR BOLTS SHALL HAVE A MINIMUM YIELD STRENGTH OF 300MPA.
11. GROUT SHALL BE M-BED STANDARD BY STRENGTH CONSTRUCTION PRODUCTS OR EQUIVALENT.
12. FOOTINGS ARE SYMMETRICAL AROUND WALL OR COLUMN U.N.O.
13. SLAB ON GRADE TO HAVE A LEVEL AND SMOOTH THROUGHOUT PREMISES, FREE OF LEVELING PRODUCTS, WITH NO MORE THAN 7MM VARIATION IN 3048MM

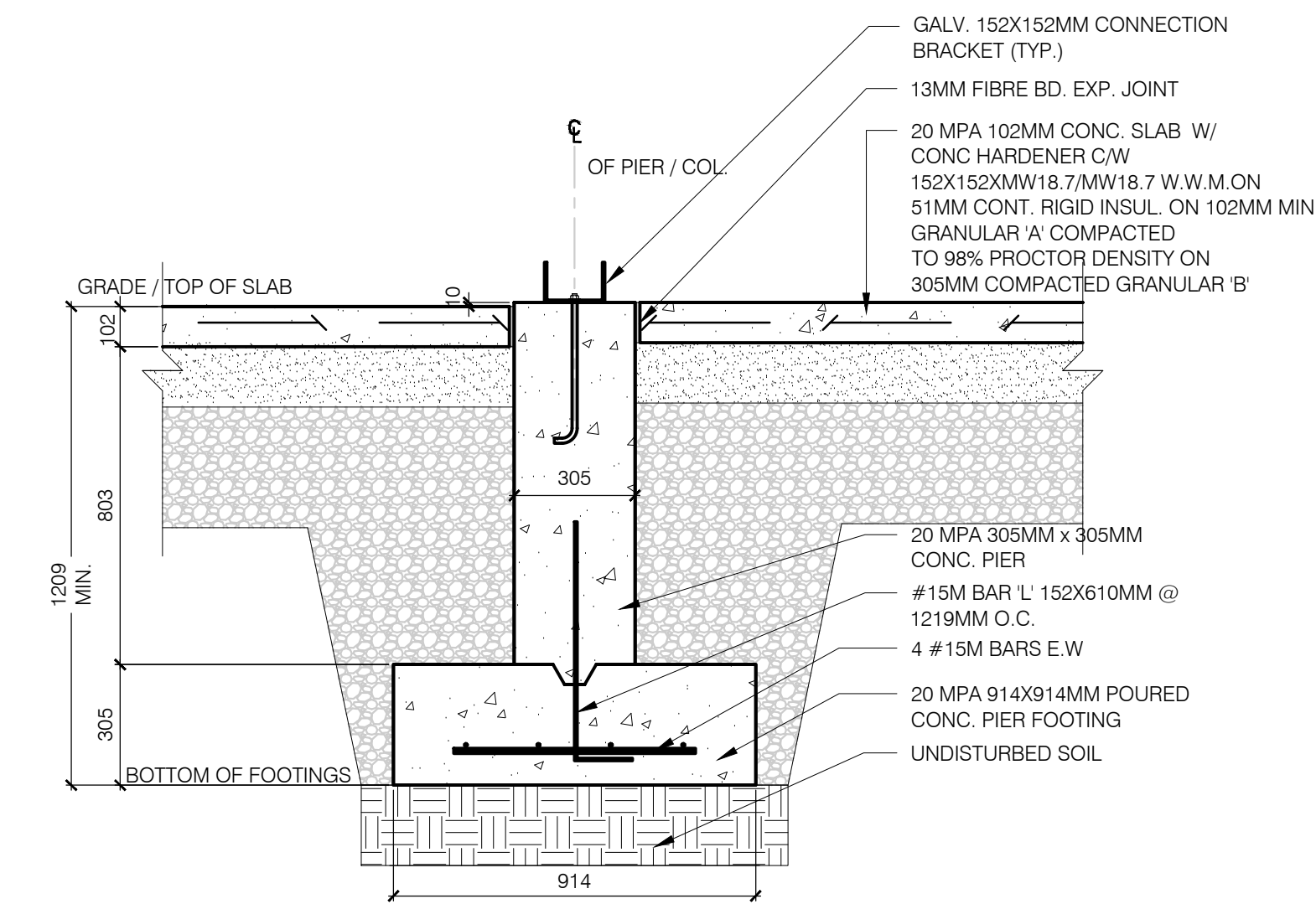
METAL STUDS:

1. DETERMINE STRUCTURAL PROPERTIES AND CAPACITY OF STUDS IN ACCORDANCE WITH CSA S136-01, NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS.
2. METAL STUDS SHALL CONFORM TO CSSBI, 101M ZINC COATED STRUCTURAL QUALITY STEEL SHEET, MINIMUM GRADE A.
3. PROVIDE BRIDGING, CONTINUOUS THROUGH/ FASTENED TO THE STUDS AS REQUIRED BY THE MANUFACTURER.
4. SUBMIT DESIGN AND SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH WORK. DRAWINGS SHALL BE PREPARED AND SEALED BY AN ENGINEER LICENSED IN THE PROVINCE OF ONTARIO.
5. STRUCTURAL METAL STUDS DESIGN ENGINEER TO PROVIDE GENERAL REVIEW SITE VISITS DURING CONSTRUCTION OF METAL STUDS AND SUBMIT SITE VISIT REPORTS AND LETTER OF CONFORMANCE AS SOON AS WORK IS COMPLETED.

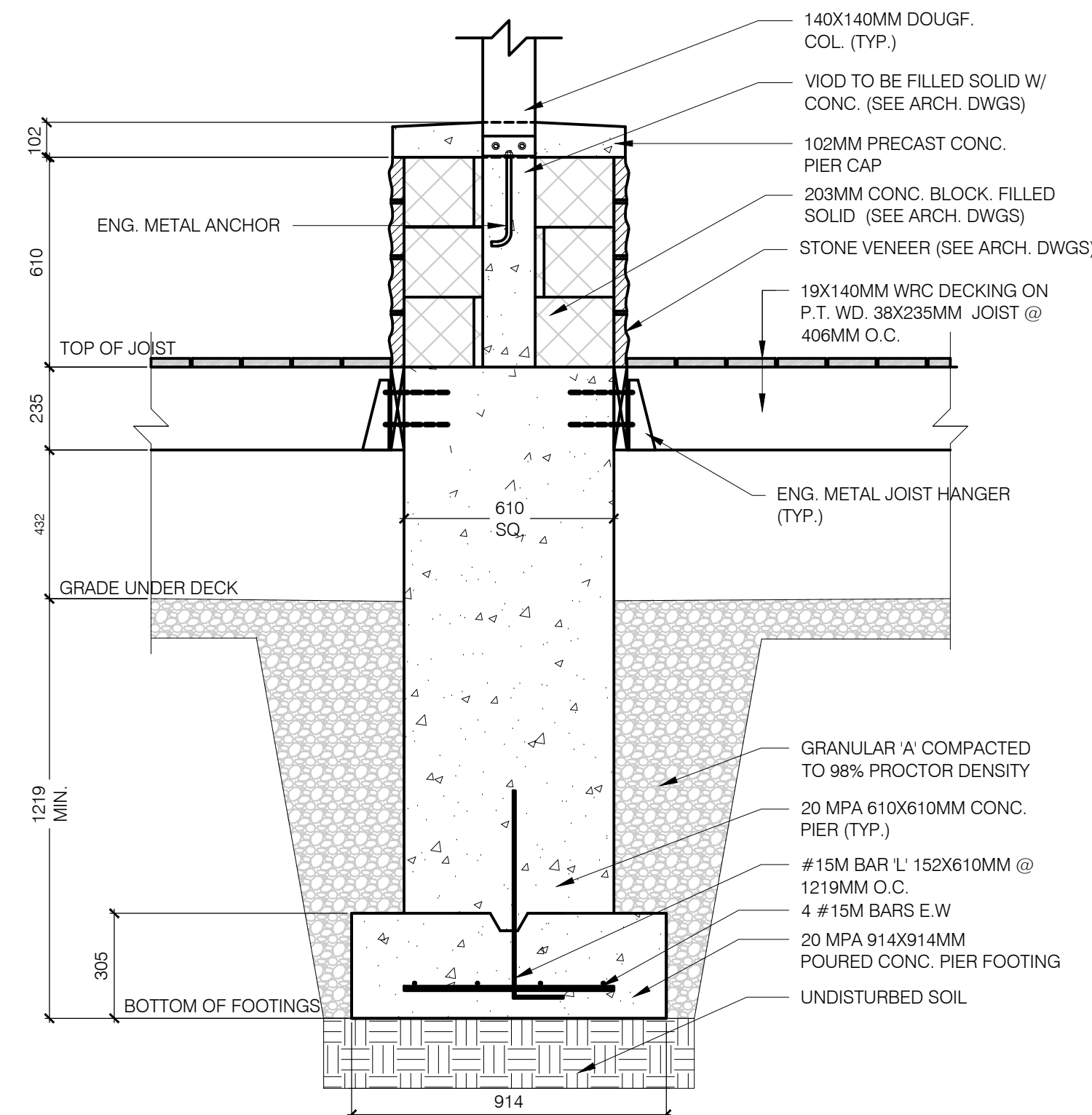
NO.	SIZE			REINFORCING		REMARKS
	Length	Width	Depth	Main	Secondary	
F-1	CONT	610MM	305MM	4-15M		STRIP FOOTING
F-2	914MM	914MM	305MM	4-15M		PIER
F-3	914MM	914MM	305MM	4-15M		PIER
F-4	914MM	914MM	305MM	4-15M		PIER
F-5	EXISTING	EXISTING	EXISTING	EXISTING		STRIP FOOTING



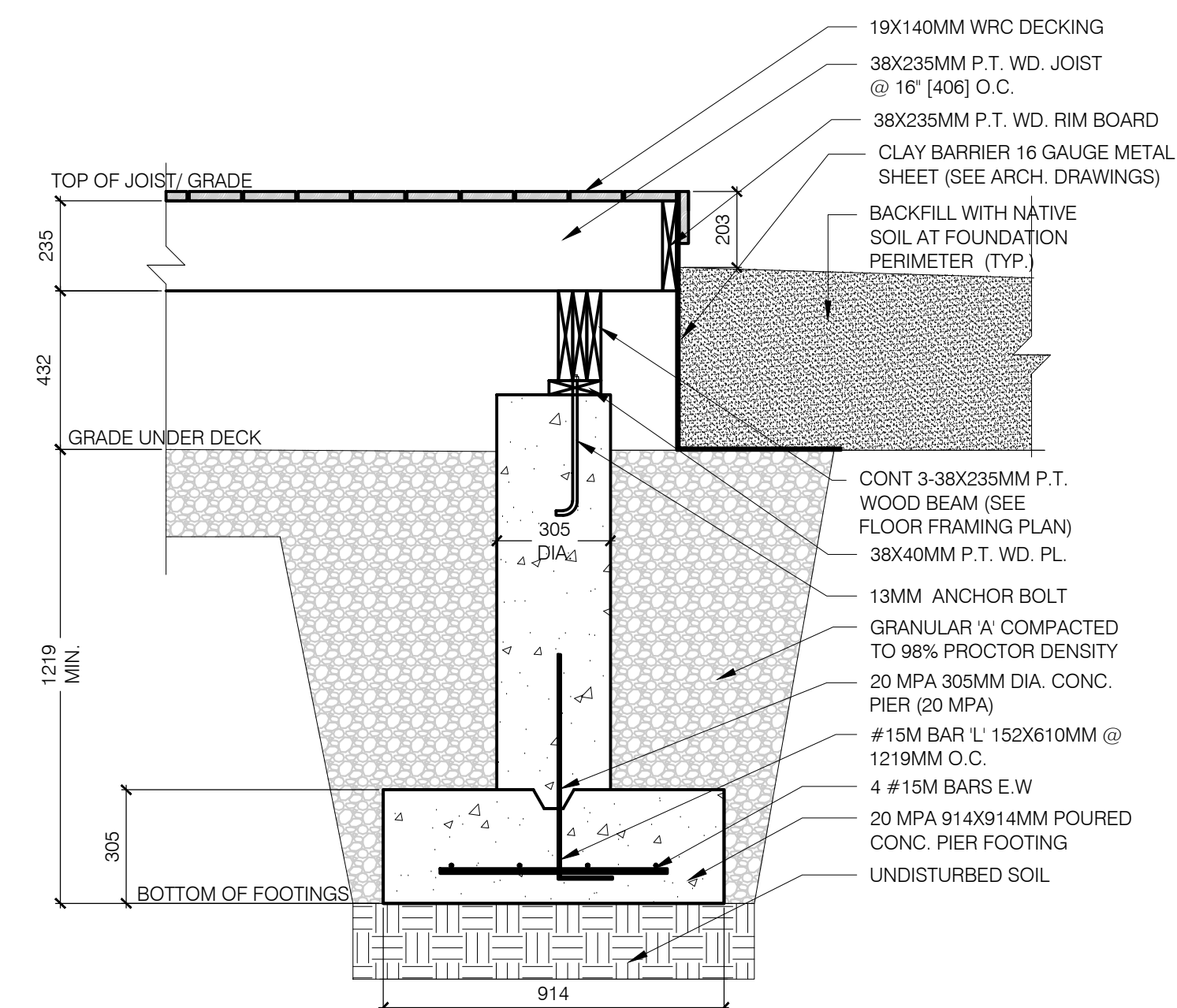
F-1 SECTION
SCALE: 1:20



F-2 SECTION
SCALE: 1:20



F-3 SECTION
SCALE: 1:20



F-4 SECTION
SCALE: 1:20

PARTNERS / CONSULTANTS

NOT FOR CONSTRUCTION

Date	Revision
16/10/25	REVISIONS
17/01/10	REVISIONS
17/01/30	100% SUBMISSION
17/02/30	ISSUE FOR TENDER

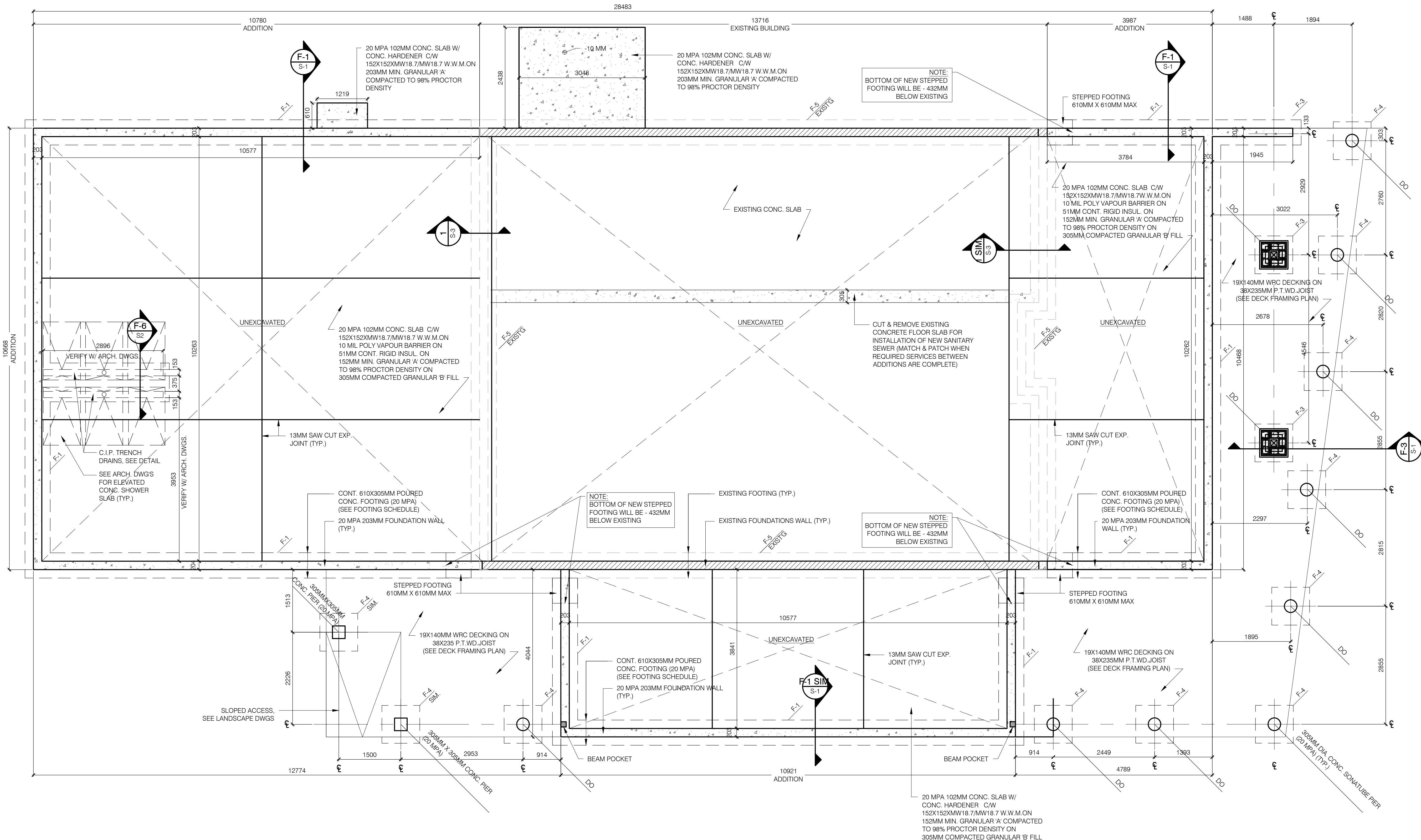


PROJECT TITLE:
POINT PELEE NATIONAL PARK CAMP HENRY
POINT PELEE LEAMINGTON ONTARIO

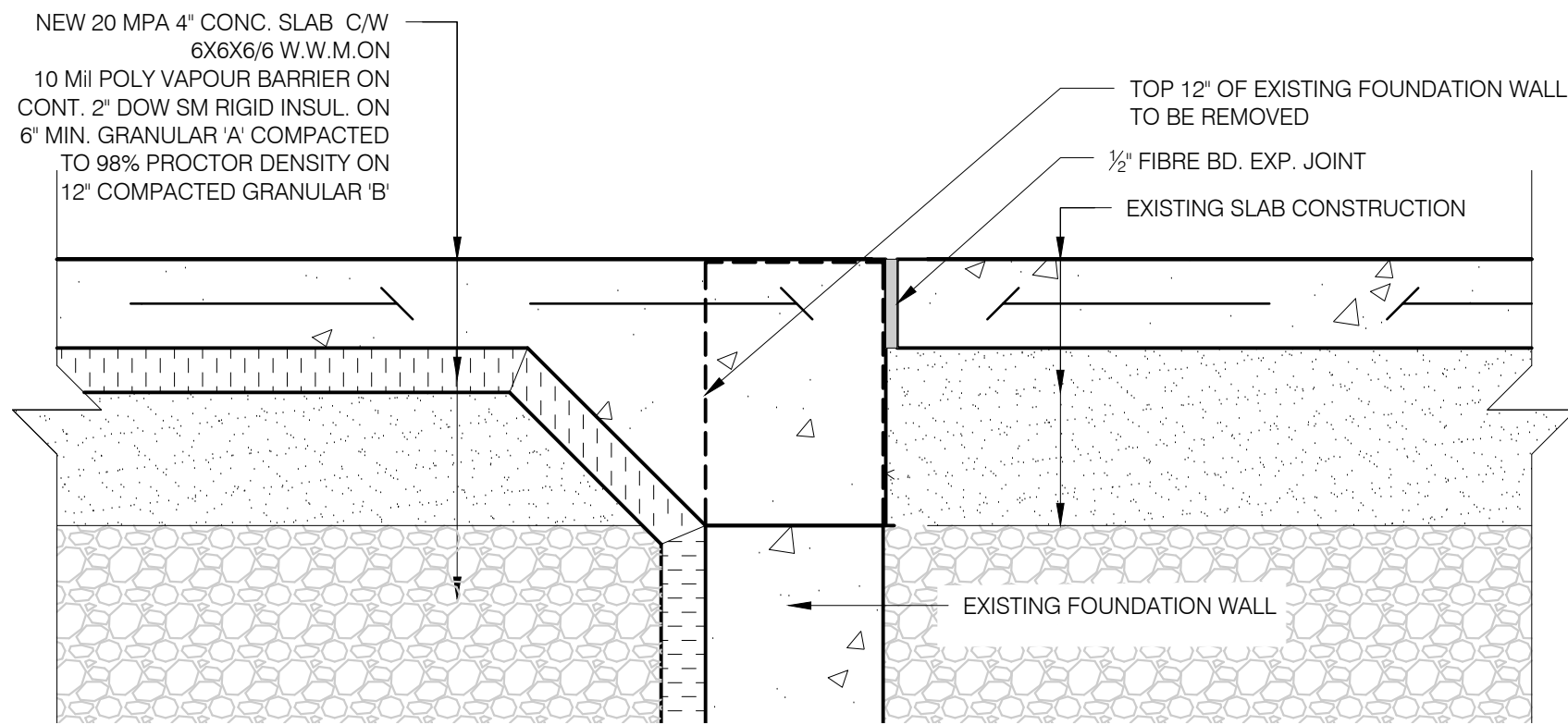
SHEET TITLE:
GENERAL NOTES, FOOTING SCHEDULE & DETAILS

PROJECT NO.: 16-004

SHEET NO.: 16-004



MESS HALL FOUNDATION PLAN
SCALE: 1:50



SECTION 1
SCALE: 1:10

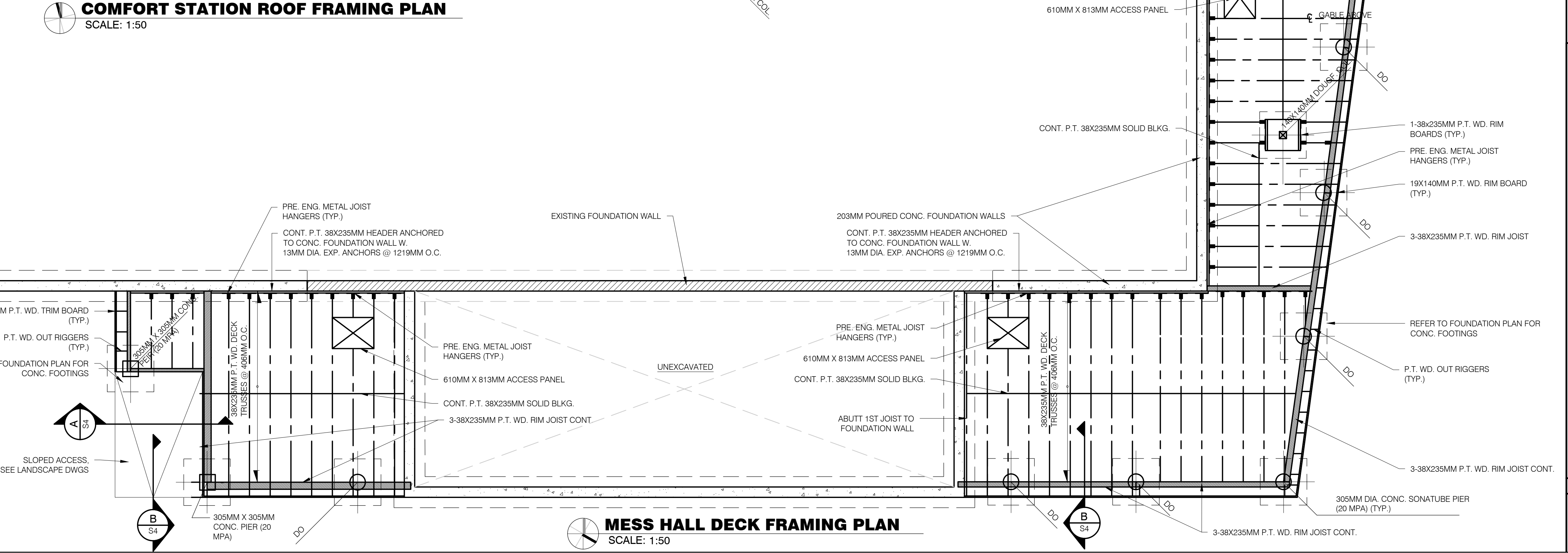
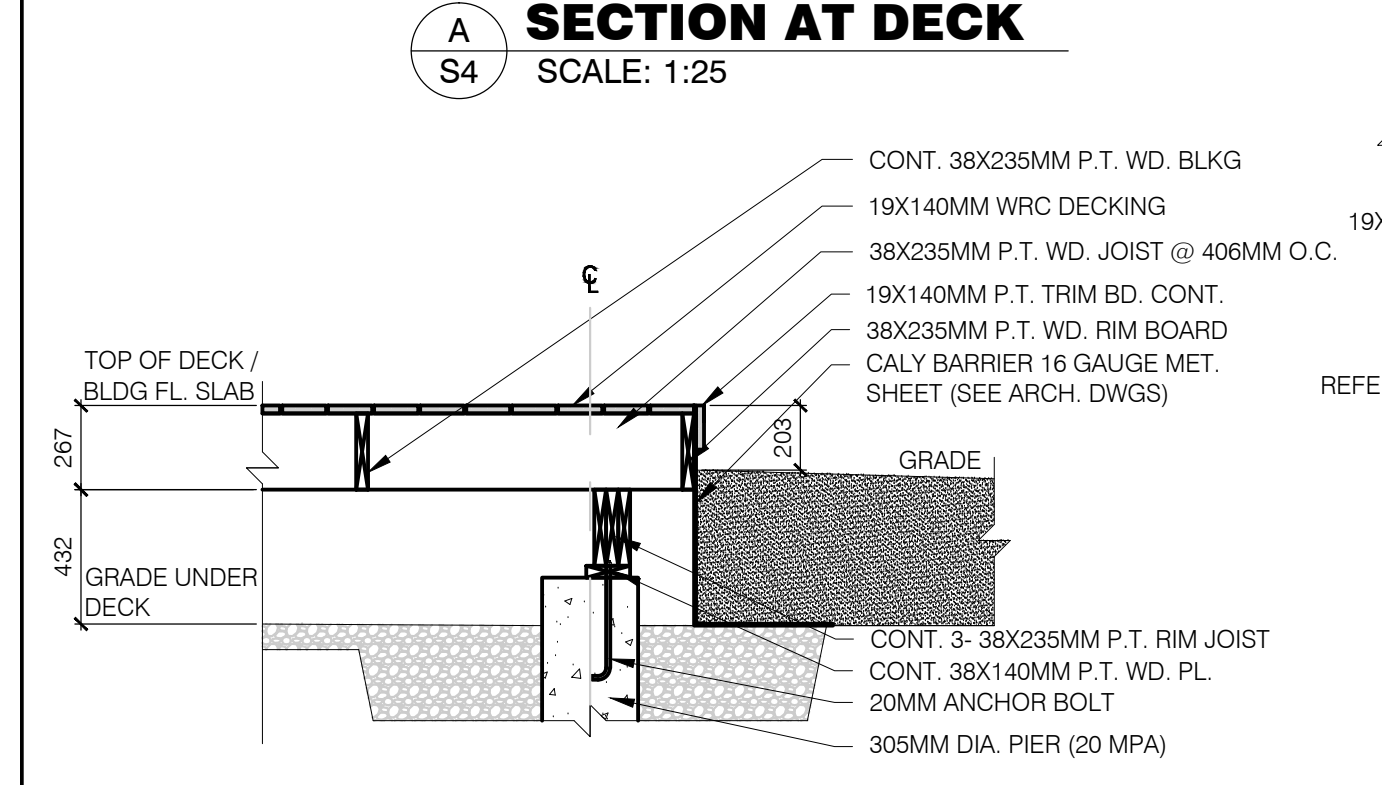
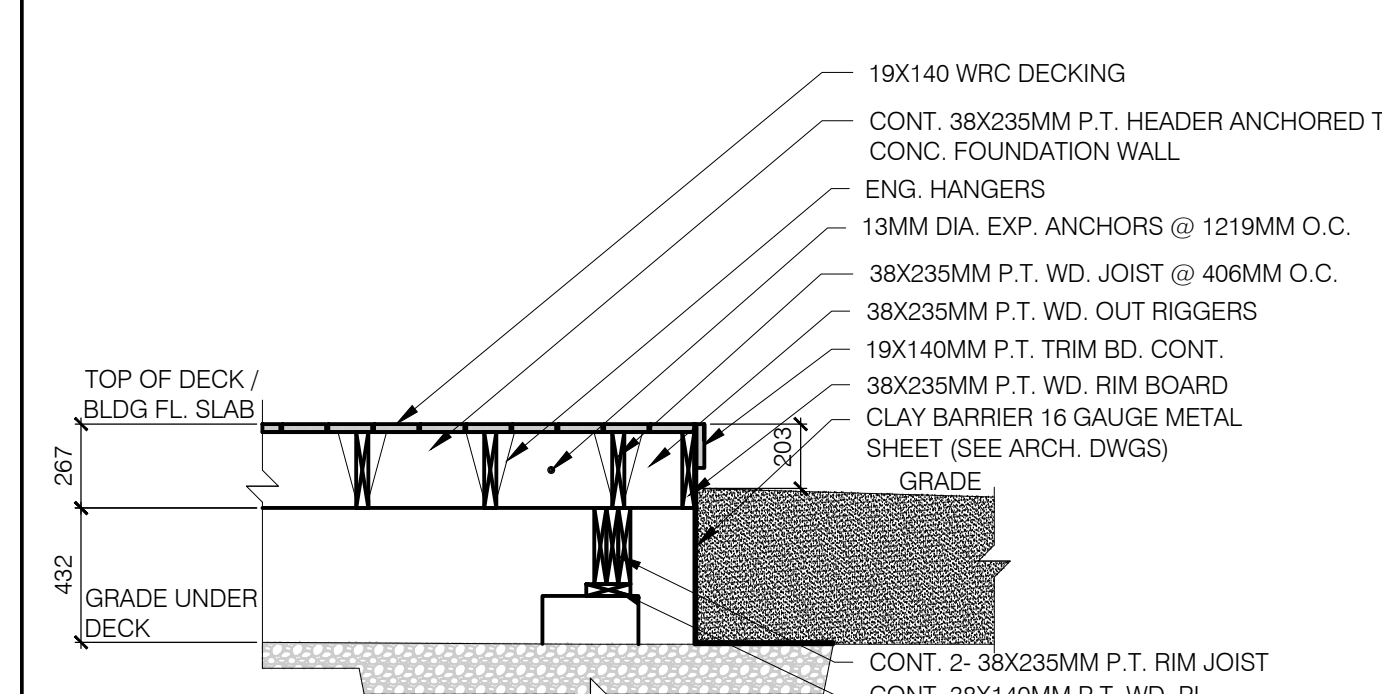
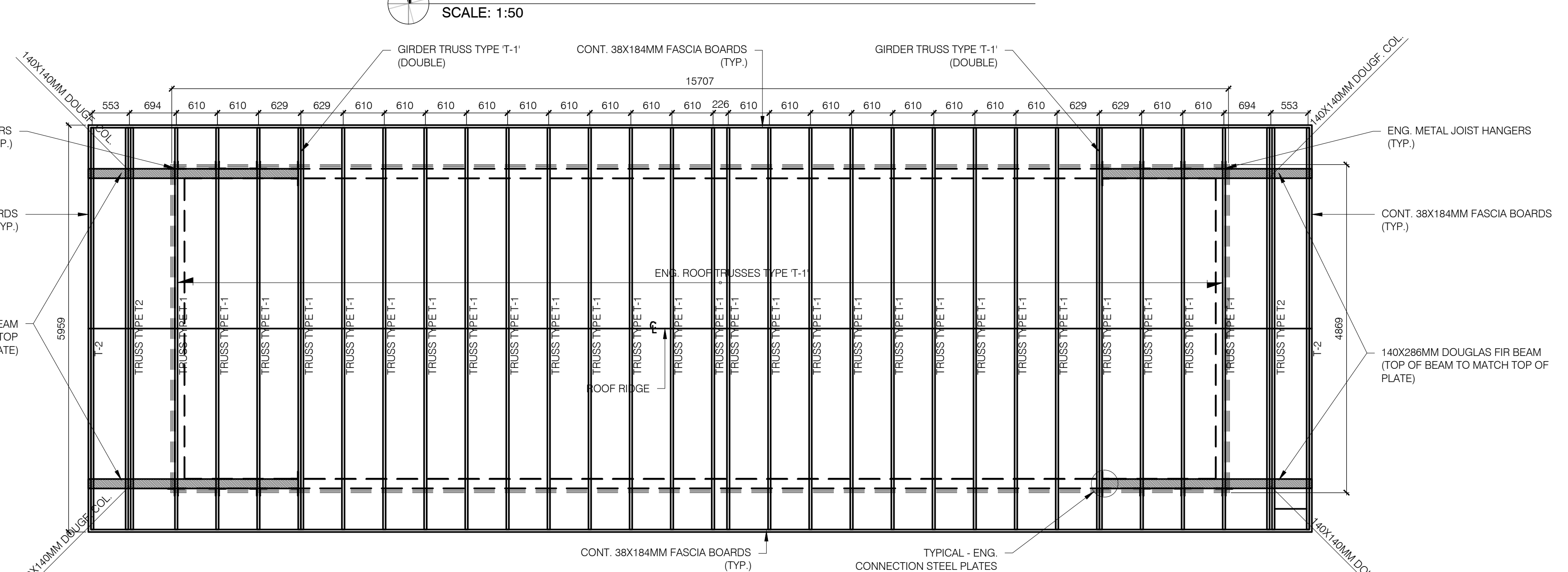
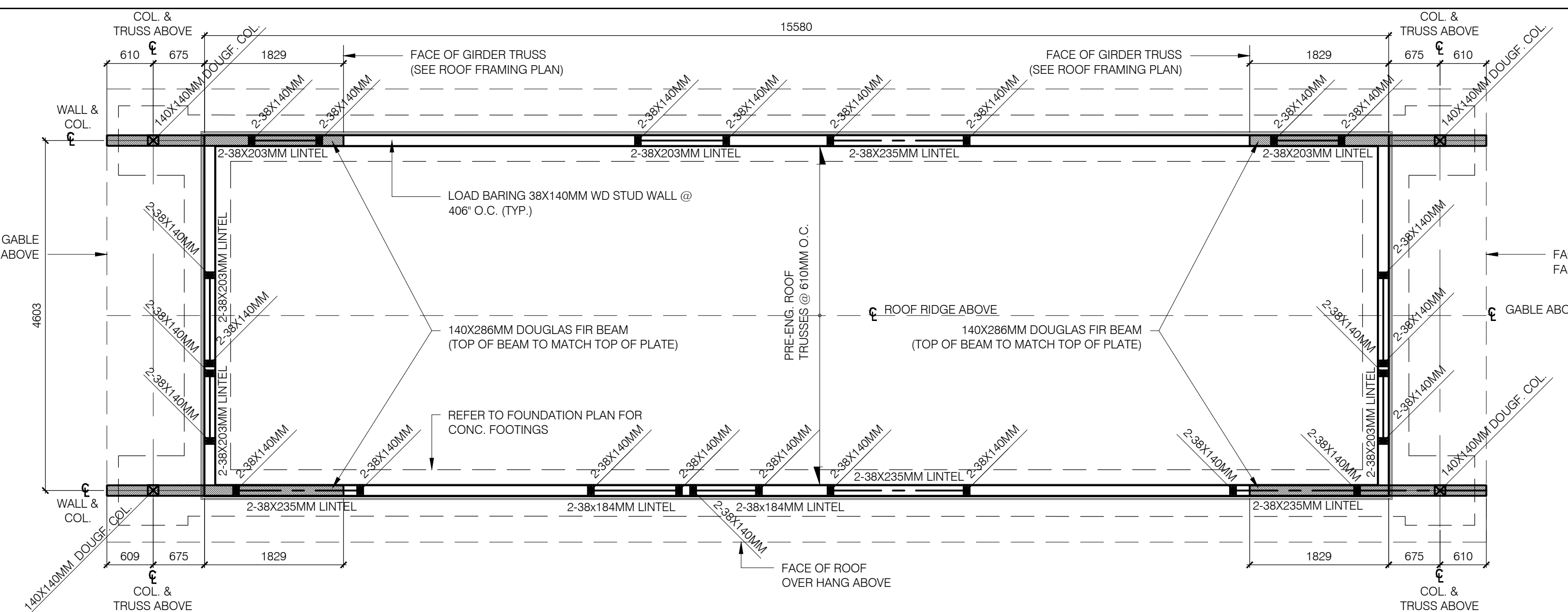
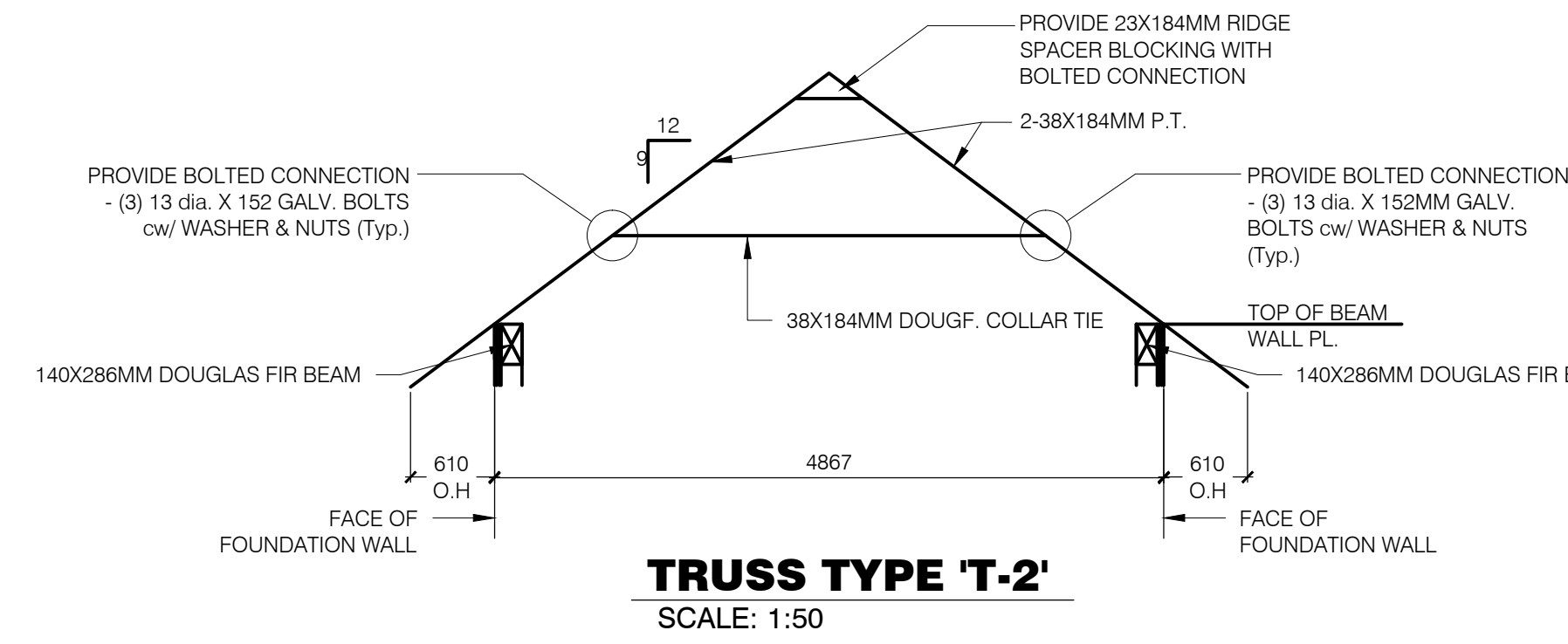
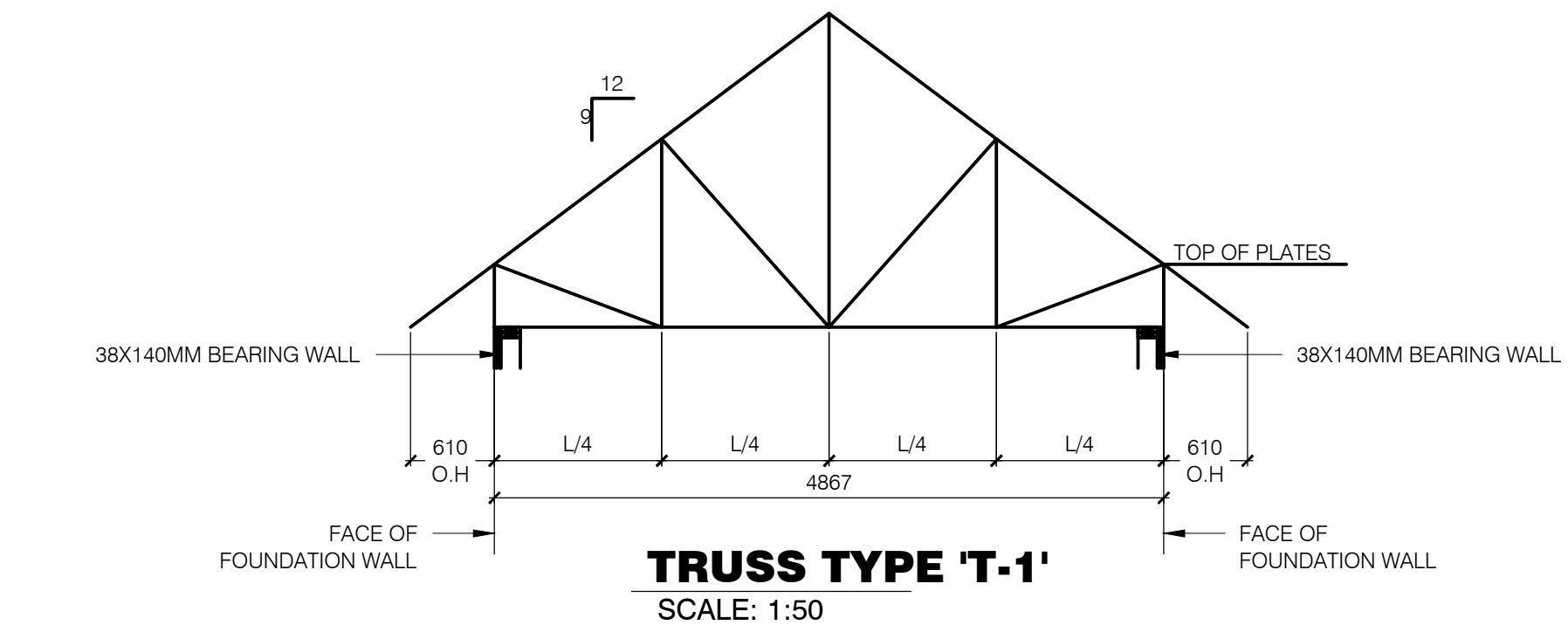
Date	Revision
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Date	Revision
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17/01/10	REVISIONS
17/01/30	100% SUBMISSION
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TRUSS SCHEDULE (COMFORT STATION)
 NOTE: MFR. TO PROVIDE ENG. SHOP DWGS FOR REVIEW & APPROVAL



NOT FOR CONSTRUCTION

Date	Revision
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17/01/10	REVISIONS
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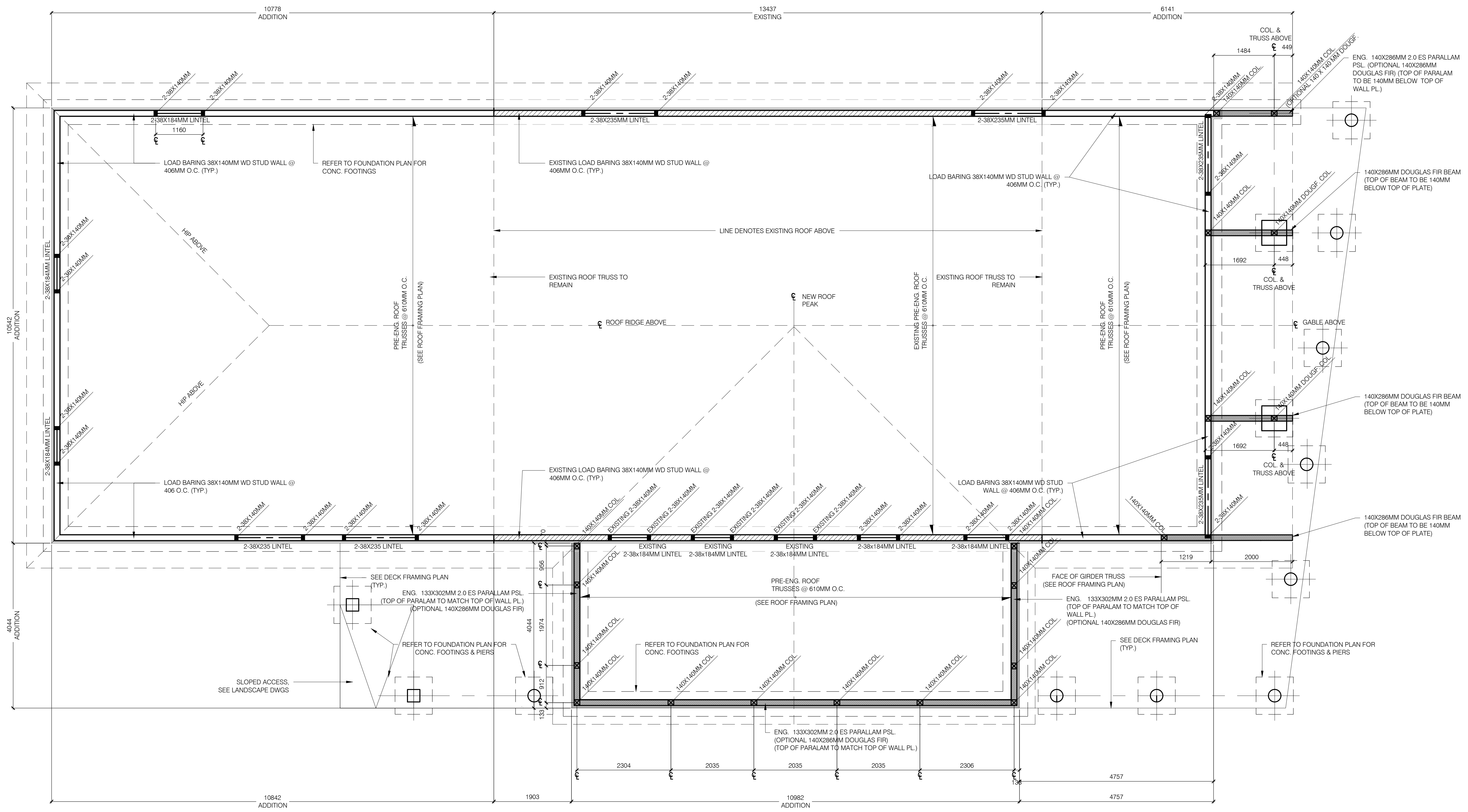
PROJECT TITLE:
POINT PELEE NATIONAL PARK CAMP HENRY
 POINT PELEE LEAMINGTON ONTARIO

SHEET TITLE:
MESS HALL FRAMING PLAN

PROJECT NO:
 16-004

SHEET NO.:

S5



MESS HALL FRAMING PLAN
 SCALE: 1:50

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Date	Revision
16/10/25	REVISIONS
17/01/10	REVISIONS
17/01/30	100% SUBMISSION
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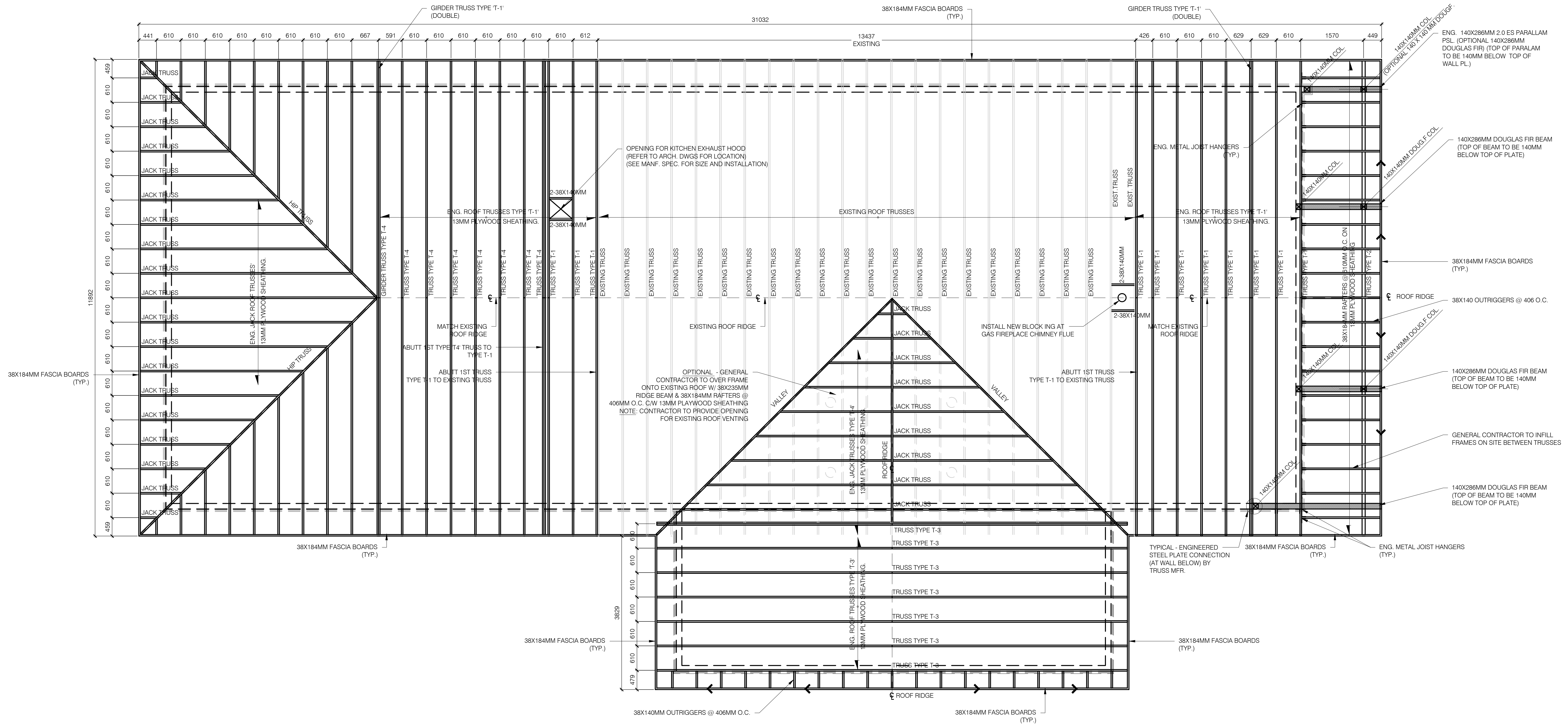
PROJECT TITLE:
POINT PELEE NATIONAL PARK CAMP HENRY
 POINT PELEE LEAMINGTON ONTARIO

SHEET TITLE:
MESS HALL ROOF FRAMING PLAN & TRUSS SCHEDULE

PROJECT NO: 16-004

SHEET NO:

S6



MESS HALL ROOF FRAMING PLAN
 SCALE: 1:50



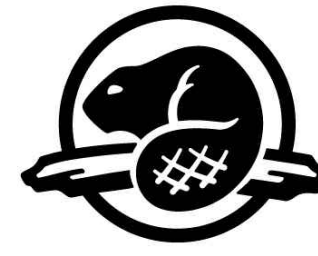
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 1000 - 267 PELISSIER ST., WINDSOR, ON N9A 4K4 519.326.6161

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POINT PELEE NATIONAL PARK CAMP HENRY RENEWAL

POINT PELEE NATIONAL PARK

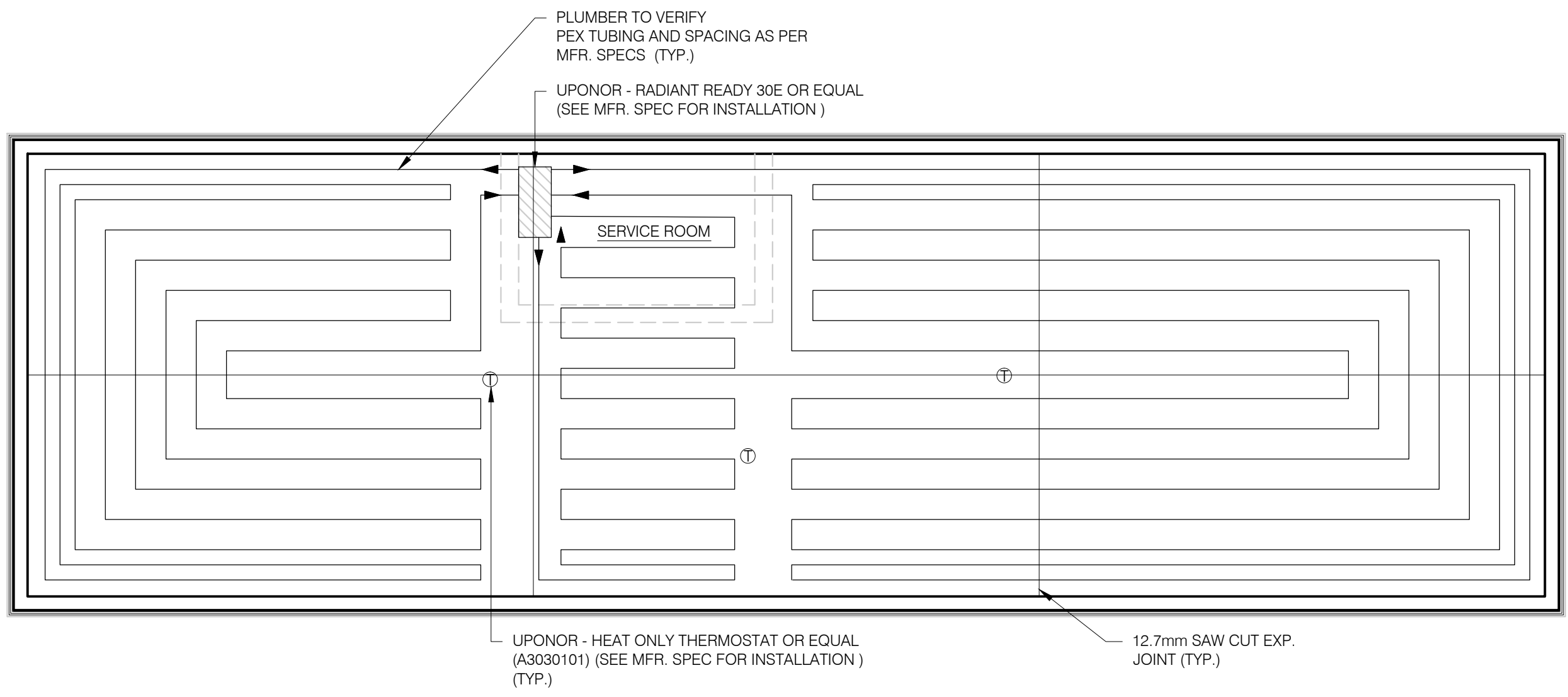
LEAMINGTON, ON

LIST OF DRAWINGS

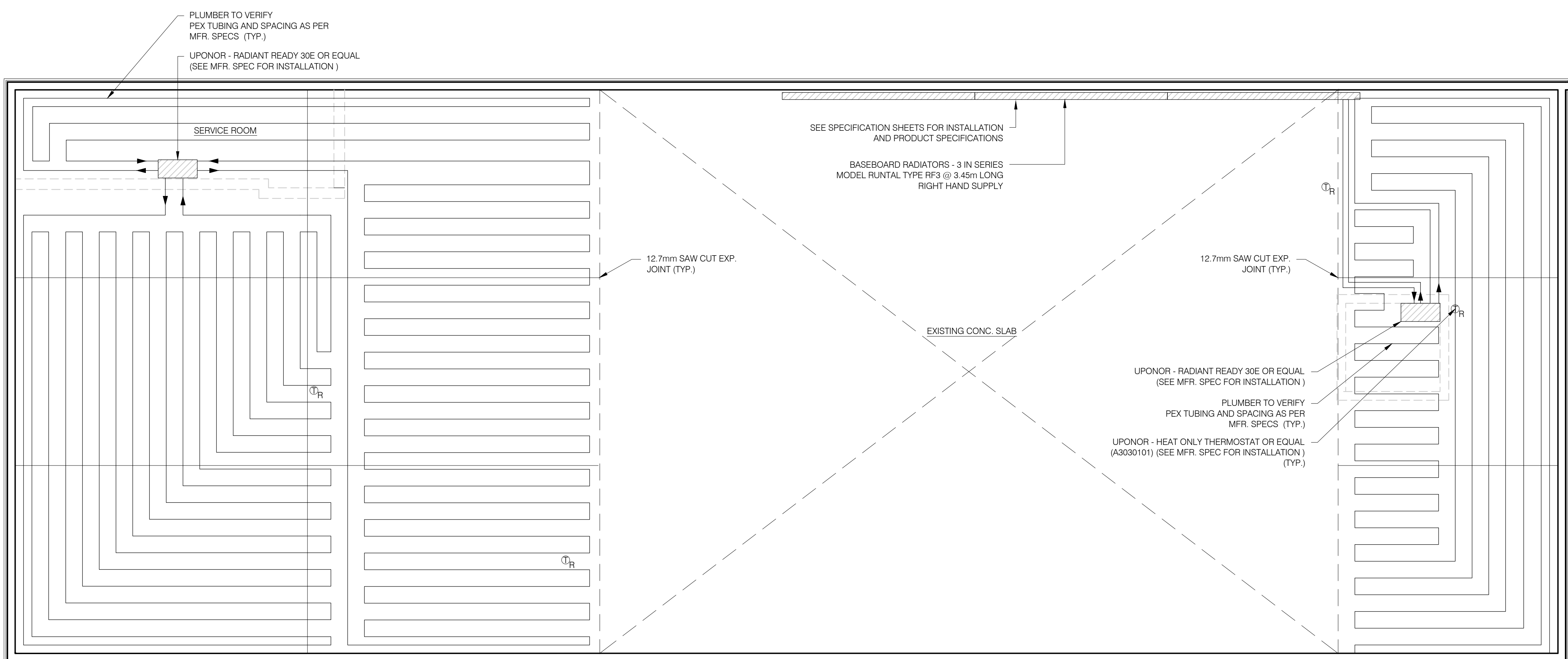
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COMFORT STATION RADIANT FLOOR HEATING PLAN
SCALE: 1:50

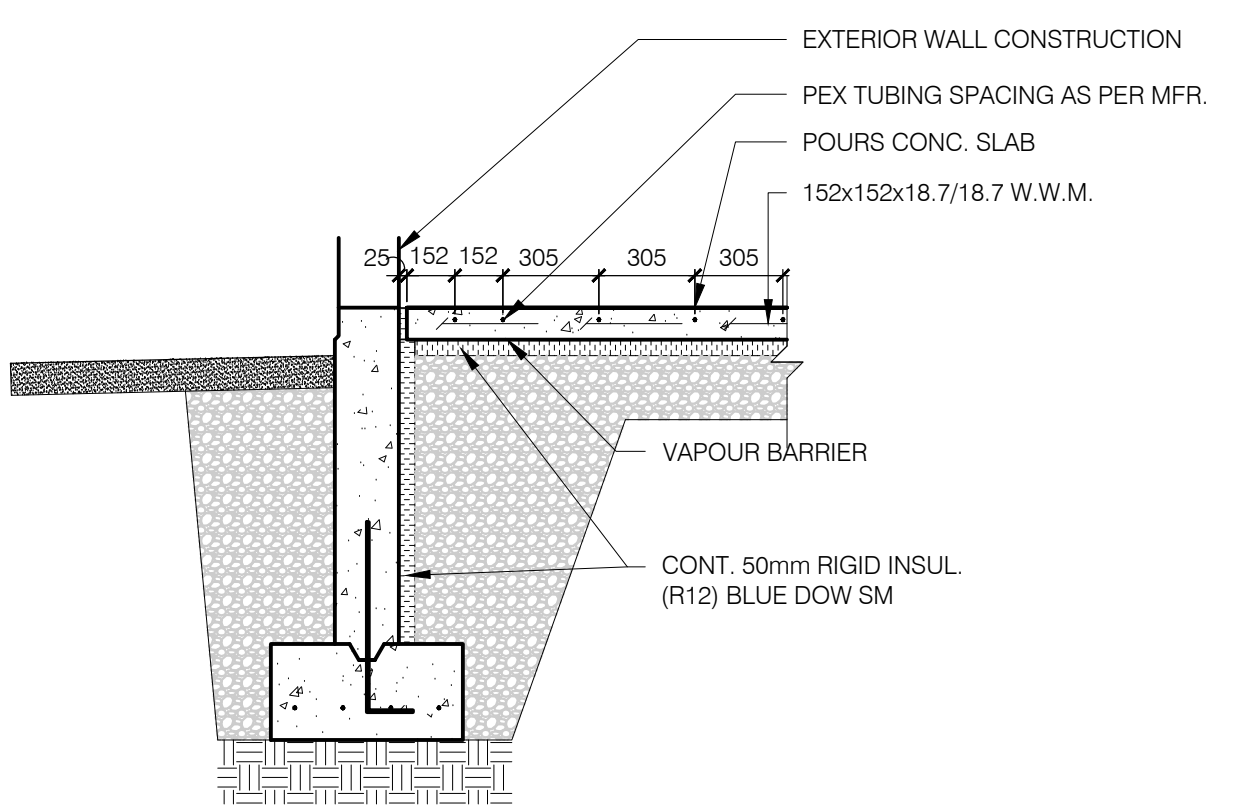


MESS HALL RADIANT FLOOR HEATING PLAN
SCALE: 1:50

NOTE: ALL PRODUCT SPECIFIED ARE TO BE USED AS A GUIDE LINE. GENERAL CONTRACTOR TO PROVIDE EQUAL TO OR BETTER SPECIFICATIONS FOR ALL FIXTURES TO PARKS CANADA FOR APPROVAL.

NOTE: GENERAL CONTRACTOR TO COORDINATE ALL INTERIOR WALLS FLOOR DRAINS AND OTHER EQUIPMENT FIXED TO FLOOR WITH RADIANT FLOOR HEATING CONTRACTOR.

NOTE: RADIANT FLOOR HEATING CONTRACTOR TO FOLLOW MANF. SPECIFICATIONS AND INSTALLATION REQUIREMENTS FOR PEX TUBING AT ALL 12.7mm SAW CUT EXP. JOINTS



PEX TUBE TYPICAL SPACING
SCALE: 1:25

Radiant Ready 30E™

Submittal Information
Revision A: April 14, 2011
Project Information
Job Name: _____
Location: _____
Engineer: _____
Contractor: _____
Manufacturer's Representative: _____
Part No. Ordered: _____
Date Submitted: _____
Submitted By: _____
Approved By: _____

Technical Data
Back plate: 16-gauge galvanized steel
Cover: 18-gauge powder-coated steel
Piping: 3/4" Multi-layer Composite (MLC) tubing and 3/4" brass
Ambient conditions: 32°F (0°C) to 122°F (50°C); Indoor use only
Demand: 240VAC, 50A
Control interface: 24VAC at 4A (power), Class 2 (maximum rating), Uponor Heat-only Thermostat, two-wire (A3030101) or end switch from Uponor Zone Control Module (A3030003/A3030004); compatible with Uponor Climate Control™ Zoning System (A3601000)
Circulator: 120VAC +/- 10%, 50/60Hz, <1A, 1/25hp
Maximum operating pressure: 30 psi
Maximum operating temperature: 185°F (85°C)
Heat source: 9 kW electric boiler

Product Information and Application Use
The Uponor Radiant Ready 30E™ is a pre-wired, pre-piped hydronic mechanical unit that combines a 9 kW electric boiler, expansion tank, air vent, system circulator, isolation valves, pressure-relief valve, radiant distribution manifold and thermostat. The Radiant Ready 30E provides a simple solution for installing radiant heating in projects requiring up to 30,000 BTU/h. The Radiant Ready 30E has outdoor reset capabilities for optimal system efficiency and is capable of five radiant loops with single-zone control (up to 12 loops with customization). The unit's three-speed circulator allows for use in a wide range of system sizes.

Description	Part Number	Height	Width	Depth	Weight
✓ Radiant Ready 30E, 30,000 BTU electric	A3030000	29 3/4"	27 3/4"	13"	119 lbs.

Installation
Measure a minimum of 48" from the floor and install the mounting bracket to hang the Radiant Ready 30E unit. After hanging and fastening the unit to the wall, connect the radiant tubing. Fill and purge the system, connect power to the unit, wire the thermostat, balance the loops, wire the outdoor reset (optional) and adjust the boiler controller settings. For complete installation instructions and customization options, refer to the Radiant Ready 30E Installation Guide.

Codes
Must comply to local codes
Listings
cETLus, CSA C22.2 No. 165.92, UL No. 834

Related Applications
Radiant Heating and Cooling Systems
Contact Information
Uponor, Inc.
5925 148th Street West
Apple Valley, MN 55124 USA
Phone: (800) 321-4739
Fax: (952) 891-2008
www.uponorpro.com
Uponor Ltd.
2000 Argenta Road, Plaza 1, Suite 200
Mississauga, ON L5N 1W1 CANADA
Phone: (888) 994-7726
Fax: (800) 638-9517
www.uponorpro.com



Technical Data

Operating Voltage
24VAC +/- 10%
Maximum Load
1.3 Amps at 24VAC
4 x MVA (part number A3020522)
6 x TVA (part number A3010522, four-wire)
6 x TVA (Canadian model only, part number A3020416, two-wire)
Display Range
38°F to 99°F (2°C to 37°C)
Setting Range
38°F to 99°F (2°C to 37°C)
68°F (20°C) default setting
Minimum Limit
38°F (2°C) to maximum limit 50°F (10°C) default minimum setting
Maximum Limit
Minimum limit to 99°F (37°C)
86°F (30°C) default maximum setting
Units
User-configurable
Fahrenheit or Celsius
Memory
Permanent settings and mode without power
Freeze Protection
Activation at 38°F (3.3°C)
De-activation at 39°F (3.8°C)
Resolution
1° displayed, 0.25° calculated
Temperature Ranges
Shipping and storage — 14°F to 158°F (-10°C to 70°C)
Operation — 32°F to 104°F (0°C to 40°C)
Humidity
20 to 90% non-condensing
Size
5" H x 2.72" W x 0.91" D

Overview
The Uponor heat-only thermostat (A3030101) is designed for hydronic heating applications.
The thermostat is power-sharing, meaning it receives power for operation by sharing voltage with the connected wiring. This eliminates any need for a third wire or batteries, making the thermostat simple to install, wire and service.
Note: The thermostat works effortlessly with other Uponor components. However, some commonly used third-party devices (e.g., relays, zone valves, etc.) may have compatibility issues with the thermostat. If connecting the thermostat to a third-party control device, refer to that device's installation instructions for specific information regarding operation with a power-sharing thermostat. The Typical Wiring Schematics section in this instruction sheet features the most common wiring applications. For additional help, contact Technical Services. Uponor U.S.: (800) 321-4739 Uponor Canada: (888) 994-7726

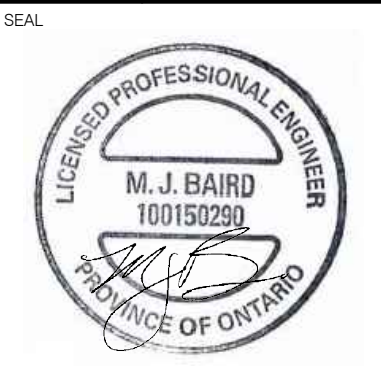
Tools Required
• Small, flathead screwdriver
• Phillips screwdriver (for mounting hardware)
• Wire stripper and cutter

Installation
Prior to installing the Uponor thermostat, follow the instructions below.
1. Thoroughly read this instruction sheet to understand the proper procedures for installation and operation. Failure to do so could result in damage to the thermostat or its connected equipment, and can also create a safety hazard.
2. Ensure the function and rating of the thermostat is suitable for the application.
3. Only experienced and trained professionals familiar with low-voltage wiring should attempt to install the thermostat.
4. Uponor recommends using 18AWG LVT wiring for all low-voltage connections (as regulated by local building codes).

Placing the Thermostat
Where you place the thermostat is extremely important. Install the thermostat approximately five feet (1.75 meters) above the floor on a smooth, flat surface. Avoid mounting the thermostat in the following locations:
• Near or around windows
• On outside walls
• Near fireplaces
• In the corner of a room
• Behind doors
• On interior walls susceptible to solar gains
• Near stoves, lamps, televisions, etc.
• Damp areas



Date	Revision
17/01/10	REVISIONS
17/01/30	100% SUBMISSION
17/02/30	ISSUE FOR TENDER

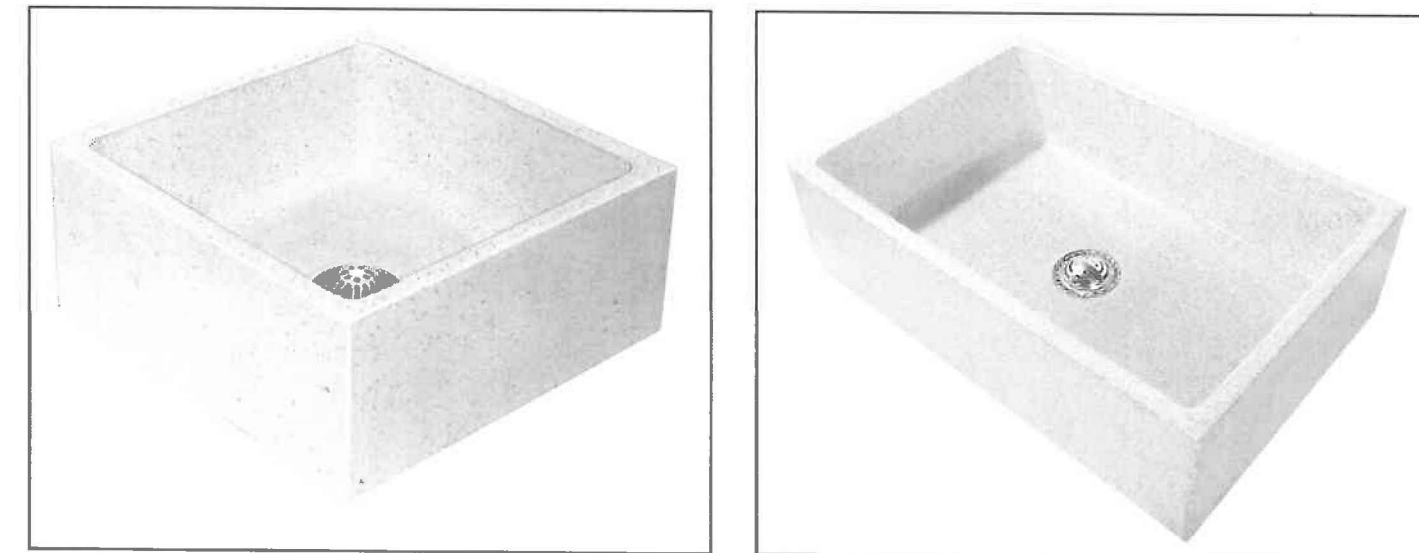


PLUMBING FIXTURE SCHEDULE

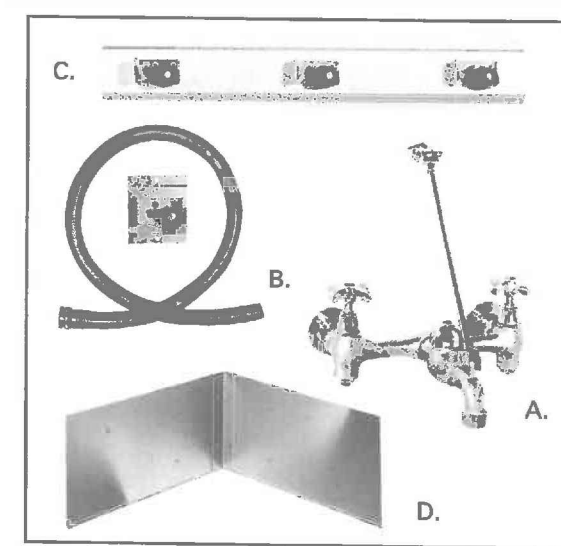
FIXTURE - MS

Model No. () Size (), as manufactured by Stern-Williams Co., Inc. Shoulders shall not be less than 8" high inside measurement, and not less than 1-1/4" wide. Drain shall be cast brass with stainless steel strainer cast integral and shall provide for a caulked lead connection not less than 1" deep to a 3" pipe. Receptor composed of pearl grey marble chips and white Portland cement ground smooth, grouted and sealed to resist stains.

An optional anodized extruded aluminum or vinyl bumper guard is offered for exposed sides. Cap to be attached on the job.



MODEL	SIZE	ALUMINUM OR VINYL CAP FOR EXPOSED SIDES
MTB SQUARE BASIN		
MTB-2424	24"x24"x10"	<input type="checkbox"/> CAP ON 1 SIDE <input type="checkbox"/> CAP ON 2 SIDES <input type="checkbox"/> CAP ON 3 SIDES
MTB RECTANGULAR BASIN		
MTB-3624	36"x24"x10"	<input type="checkbox"/> CAP ON 1 SIDE <input type="checkbox"/> CAP ON 2 SIDES <input type="checkbox"/> CAP ON 3 SIDES
A-20	Aluminum bumper guards	
V-70	Vinyl bumper guards	
SS	Stainless steel caps, cast integral during production	



QUALITY OPTIONAL FITTINGS *

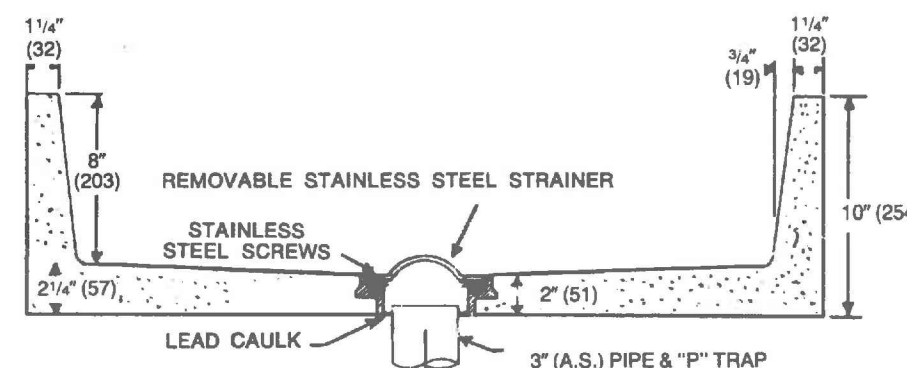
A. **T-10-VB** Mop-Service sink fitting with vacuum breaker, adjustable top brace, 3/4" hose thread on spout with bucket hook inlets 8" on center, chrome finish.
T-15 VB same as above with polished chrome finish.

B. **T-3S** Hose and wall hook. Hose 36" long, with 3/4" chrome couplings. Wall bracket of stainless steel.

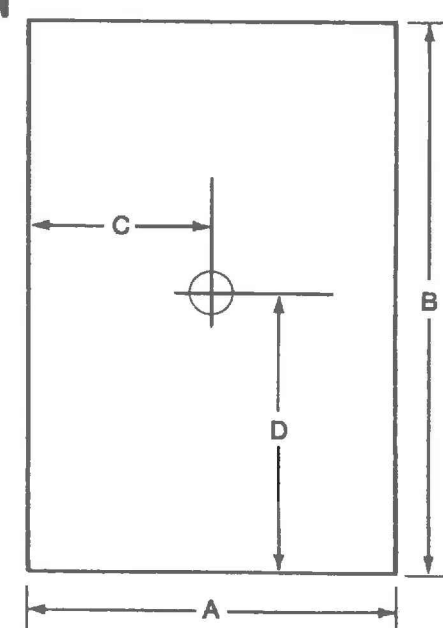
C. **T-40** Stainless Steel Mop Hanger of stainless steel with #4 finish. . . 24" long, with 3 rubber spring loaded grips.

D. **BP** Splash Catcher Panels of 20 ga. type 304 stainless steel.

CROSS SECTION



ROUGH-IN



MTB RECTANGULAR BASIN					
MODEL	SIZE	A	B	C	D
MTB-3624	Inches 36x24x10	24	36	12	18
MTB-3624	MM 915x610x250	610	915	305	457

NOTE: ALL PRODUCT SPECIFIED ARE TO BE USED AS A GUIDE LINE. GENERAL CONTRACTOR TO PROVIDE EQUAL TO OR BETTER SPECIFICATIONS FOR ALL FIXTURES TO PARKS CANADA FOR APPROVAL.

NOTE: ALL WASHROOM HAND DRYERS, TOILET PAPER DISPENSERS AND SOAP DISPENSERS TO BE SUPPLIED BY OWNER AND INSTALL BY CONTRACTOR

FIXTURE - FD1

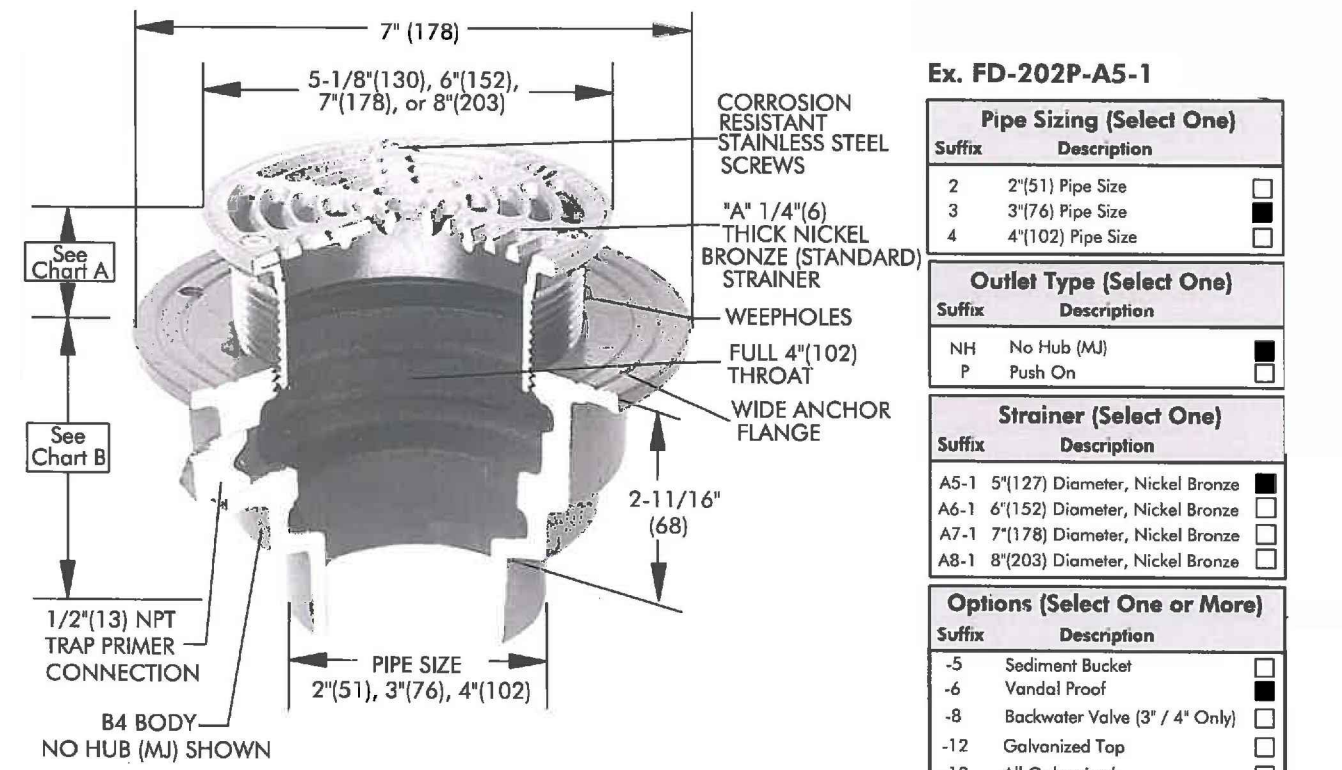


FD-200-A
Tag: _____

Floor Drain with Round Strainer

Components: **Components:**

SPECIFICATION: Watts Drainage Products FD-200-A epoxy coated cast iron floor drain with anchor flange, weepholes, 1/4"(6) thick (specify diameter) nickel bronze (standard) strainer, and no hub (MU) (standard) outlet.



Str. Dia.	Min.	Max.	Load Rating	Free Area
3/127	7/16(11)	1-5/8(41)	MND	8
4/152	5/8(16)	1-7/8(48)	MND	9
7/178	1 1/4(17)	1-3/4(44)	MND	12
8/203	3/4(19)	2-1/4(57)	MND	18

FIXTURE - FD2

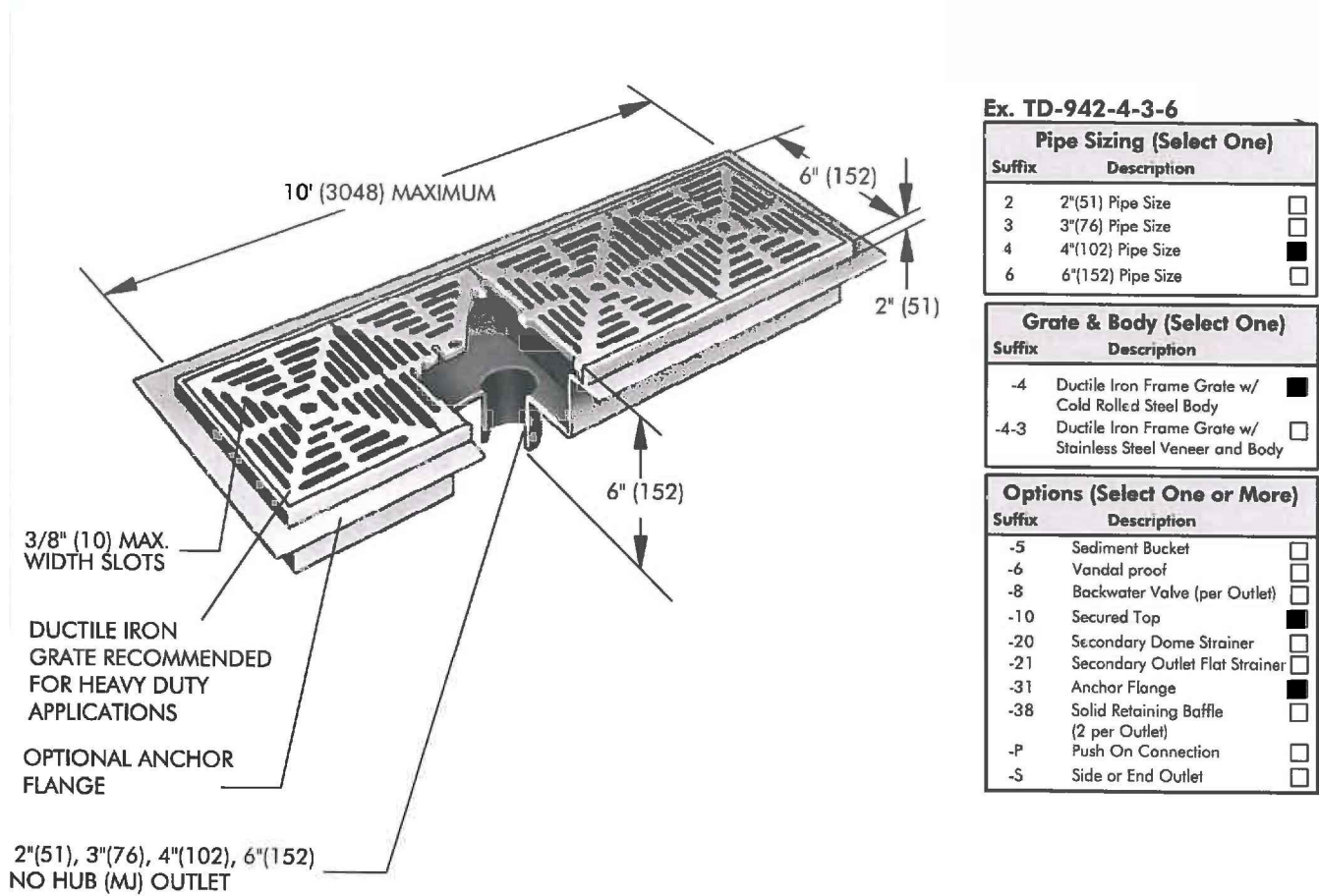


TD-940
Tag: _____

6" Wide Heavy Duty Sectional Trench Drain

SPECIFICATION: Watts Drainage Products TD-940 6"(152) wide epoxy coated steel trench drain with loose-set heavy duty epoxy coated ductile iron grates.

FUNCTION: For installation in garages, parking areas, ramps, tunnels, process areas subject to both vehicular and pedestrian traffic.



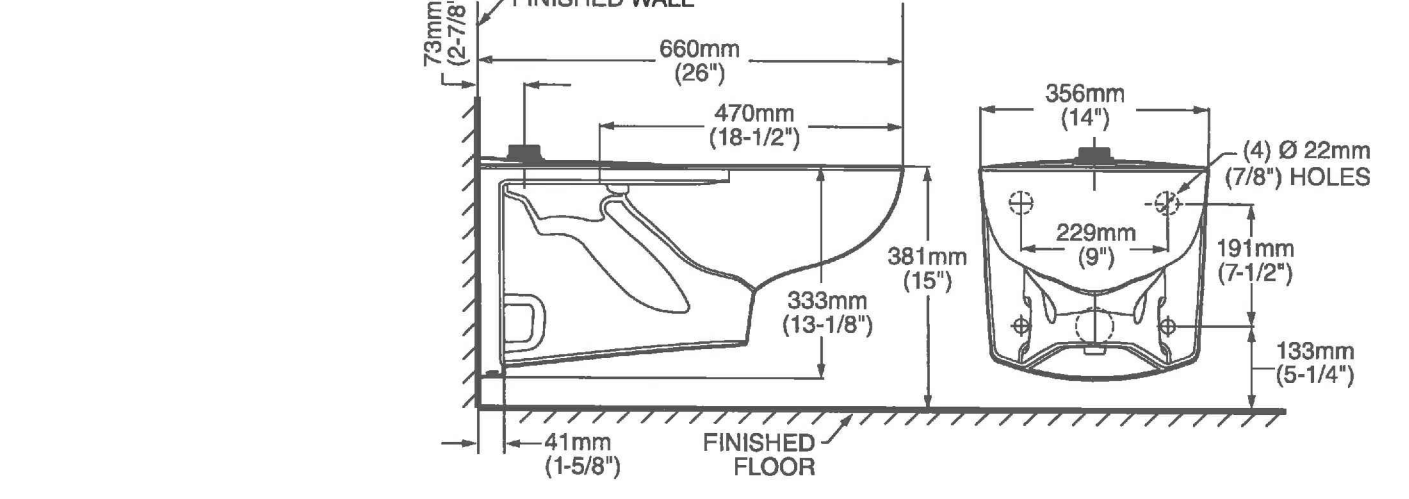
Load Rating & Free Area	
Load Rating	Free Area
*MND	20/ft

NOTE: ALL PRODUCT SPECIFIED ARE TO BE USED AS A GUIDE LINE. GENERAL CONTRACTOR TO PROVIDE EQUAL TO OR BETTER SPECIFICATIONS FOR ALL FIXTURES TO PARKS CANADA FOR APPROVAL.

FIXTURE - WC



AFWALL® MILLENNIUM™ FloWise® ELONGATED FLUSHOMETER TOILET
VITREOUS CHINA WITH EVERCLEAN®
3351 101/3352 101



AFWALL® MILLENNIUM™ FloWise® ELONGATED FLUSHOMETER TOILET with EVERCLEAN®

- Wall-mounted flushometer valve toilet
- Vitreous china
- High Efficiency, Low Consumption. Operates in the range of 0.9 gpf to 1.3 gpf (4.2 - 6.0 Lpf)
- Meets definition of HET (High Efficiency Toilet) when used with a high efficiency flush valve (0.9 gpf - 1.3 gpf or 1.07/0.9 gpf dual flush)
- Maximum Performance (MaP) score of 1,000 grams at 0.9 gpf - 1.3 gpf (4.2 - 6.0 Lpf)
- Permanent EverClean® antimicrobial surface inhibits the growth of stain- and odor-causing bacteria, mold, and mildew on the surface
- Condensation channel
- Concealed trapway design
- Elongated bowl
- Powerful direct-feed siphon jet action
- 1-1/2" (38mm) inlet spud
- Fully glazed 2-1/8" (54mm) trapway
- 10" x 12" (254 x 305mm) water surface area
- Static weight load of 1,000 lbs* (454 kg)
- 100% factory flush tested (Flushometer valve & seat shown not included)

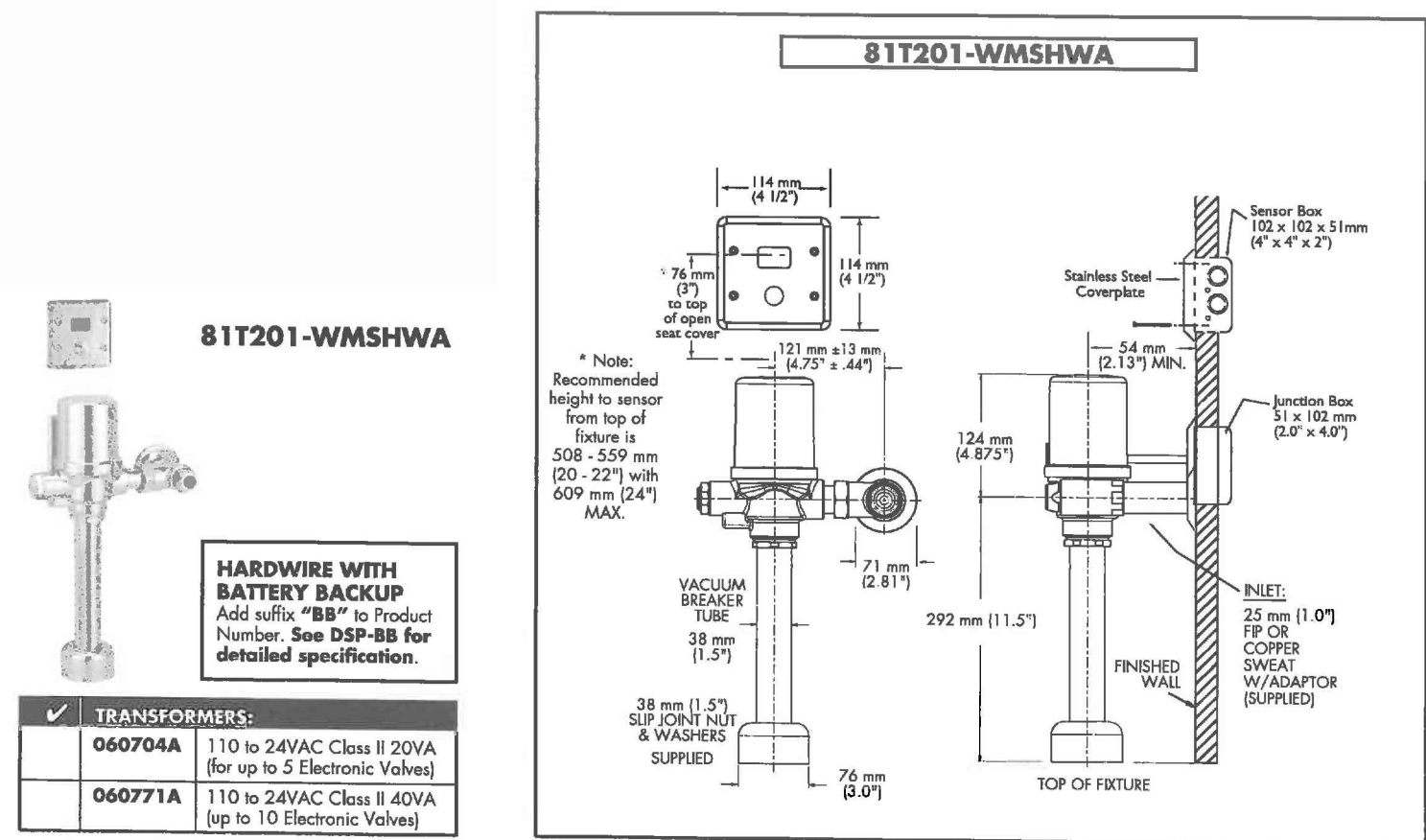
3351 101 Elongated bowl only, top spud

To Be Specified: Colour: White:

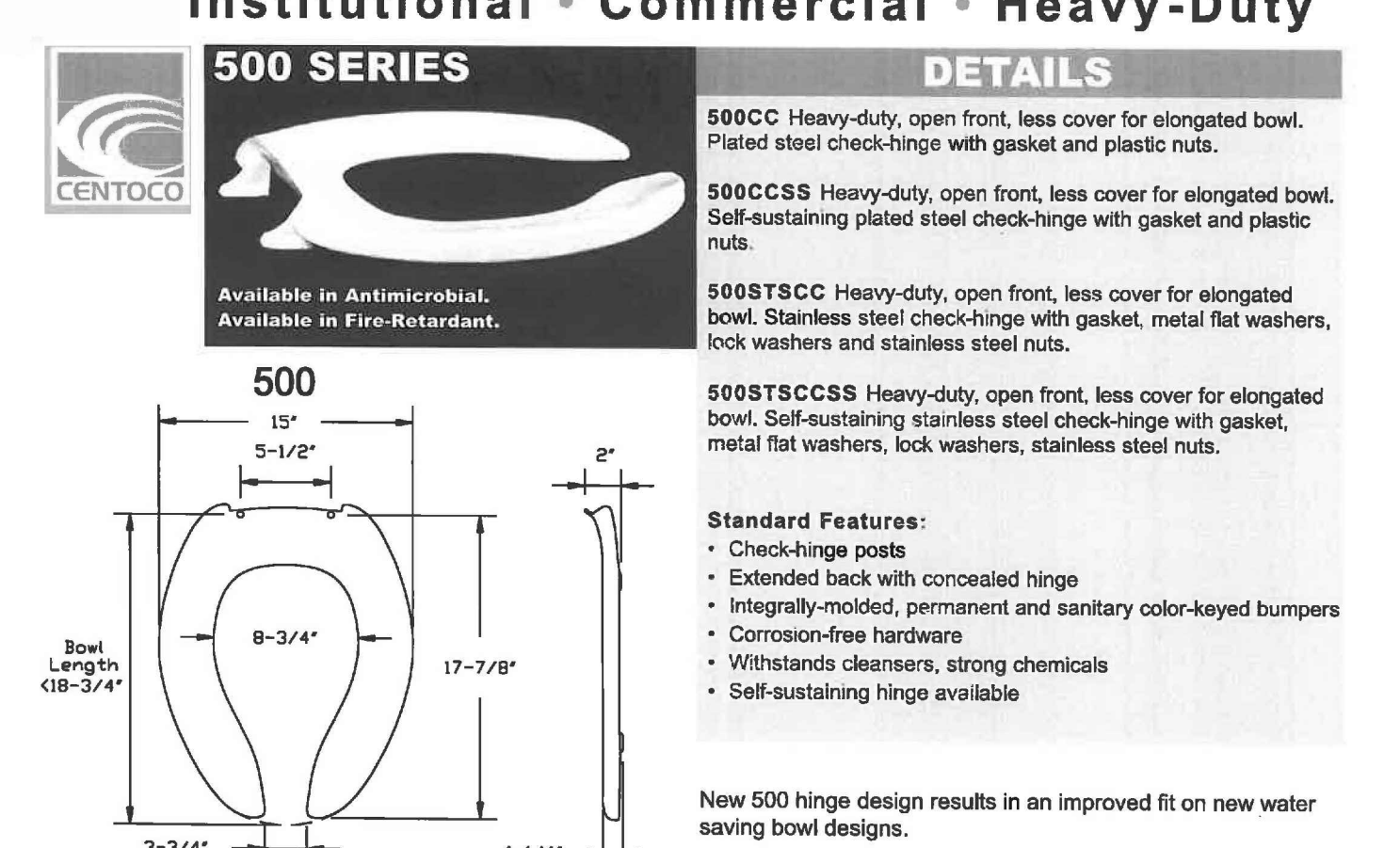


81T201-WMSHWA
Exposed Hardwire Operated 1-1/2" Top Inlet Closet Flusher

- Polished chrome plated vandal resistant metal cover with 4" wallmount sensor
- Right or left-hand supply installation
- ADA compliant, automatic operation hardwire powered H₂Osmics® technology infrared sensor
- Infrared sensor range adjustment of 610 mm - 1422 mm (24" - 56"), in 8" increments, factory set at 1016 mm (40") [±50.8 mm (2")]
- Hardwire adaptor
- Vandal resistant copper tube conduit
- 24 VAC input
- Electronic override button
- (110 to 24VAC Transformer not included. See selection below for additional part number)
- Quiet action, Teck® exposed diaphragm flush valve
- Chloramine resistant diaphragm
- Forged brass diaphragm retainer
- Renewable seat
- Polished chrome plated finish
- **External water conserving flush adjustment,** factory set to 6 litre (1.6 gal.) (except -48 and -6 models)
- **1" FIP/Copper sweat inlet adaptor,** angle check stop with protecting cap
- Adjustable 12 mm (43/41) plus or minus 11 mm (7/16") inlet-valve outlet centers
- Vacuum breaker
- Cover tube, stainless steel wall flange, spud flange, concealed spud nut, and 292 mm (11.5") outlet tube
- **Recommended water supply:** Minimum flowing pressure - 25 psi (172 kPa) Minimum flow rate - 25 gpm (95 L/min)



Solid Plastic Seats Elongated Institutional • Commercial • Heavy-Duty



500 SERIES

500CC Heavy-duty, open front, less cover for elongated bowl. Plated steel check-hinge with gasket and plastic nuts.

500CCSS Heavy-duty, open front, less cover for elongated bowl. Self-sustaining plated steel check-hinge with gasket and plastic nuts.

500STCC Heavy-duty, open front, less cover for elongated bowl. Stainless steel check-hinge with gasket, metal flat washers, lock washers and stainless steel nuts.

500STCCSS Heavy-duty, open front, less cover for elongated bowl. Self-sustaining stainless steel check-hinge with gasket, metal flat washers, lock washers, stainless steel nuts.

Standard Features:

- Check-hinge costs
- Extended back with concealed hinge
- Integrally-molded, permanent and sanitary color-keyed bumpers
- Corrosion-free hardware
- Withstands cleansers, strong chemicals
- Self-sustaining hinge available

New 500 hinge design results in an improved fit on new water saving bowl designs.



NOT FOR CONSTRUCTION

Date	Revision
17/01/10	REVISIONS
17/01/30	100% SUBMISSION
17/02/30	ISSUE FOR TENDER



PROJECT TITLE: **POINT PEELE NATIONAL PARK CAMP HENRY**
POINT PEELE LEAMINGTON ONTARIO

SHEET TITLE: **PLUMBING FIXTURE SCHEDULE**

PROJECT NO: 16-004

SHEET NO: **M7**

PLUMBING FIXTURE SCHEDULE

FIXTURE - U

American Standard
Style That Works Better

BARRIER FREE

WASHBROOK™ FloWise® UNIVERSAL URINAL

VITREOUS CHINA



WASHBROOK™ FloWise® UNIVERSAL URINAL

- Vitreous china
- Ultra High Efficiency, Low Consumption operates in the range of 0.10 to 0.8gpf (0.5 to 3.8Lpf)
- Flushing rim
- Elongated 14-1/8" (360mm) rim from finished wall
- Washout flush action
- Extended sides for privacy
- 3/4" inlet spud
- Outlet connection threaded 2" inside (NPTF)
- 2 Wall hangers
- Fixture only, (Flush valve shown not included)
- Meets ANSI flush requirements at 0.10 to 0.8gpf (0.5 to 3.8Lpf)

- 6590 001 Universal Top Spud
- 6515 001 Universal Back Spud

Nominal Dimensions:

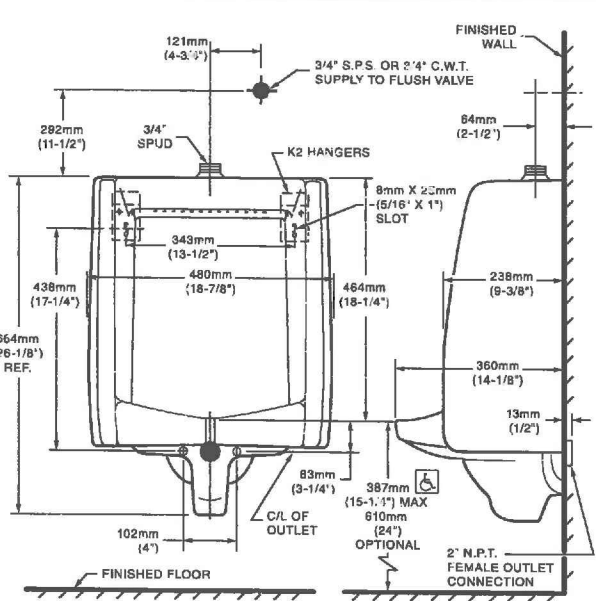
480 x 360 x 664mm
(18-7/8" x 14-1/8" x 26-1/8")

Recommended working pressure—between 20 psi at valve when flushing and 80 psi static.

Meets or Exceeds the Following Specifications:
Compliance Certifications—

- ASME A112.19.2-2008/CSA B45.1-08 for Vitreous China Fixtures

To Be Specified
Color: White Bone

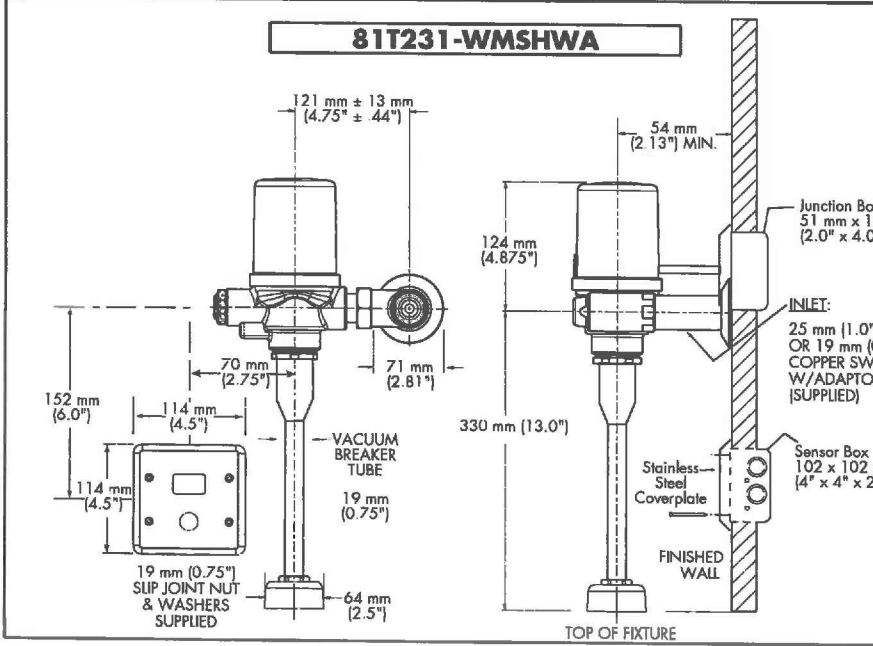


DELTA **TECK COMMERCIAL** **Electronic Exposed TECK® Flush Valves**

81T231-WMSHW

Exposed hardware operated 3/4" top inlet urinal fixture

- Polished chrome plated vandal resistant metal cover with 4" wall mount sensor
- Right or left-hand supply installation
- ADA compliant, automatic operation hardware powered H₂Osmics® technology infrared sensor
- Infrared sensor range adjustment of 305mm-711mm (12"-28") in 4" increments, factory set at 508 mm (20") [± 50.8 mm (2")]
- Hardware adaptor
- Vandal resistant copper tube conduit
- Adjustable 24 hour courtesy flush factory set to off
- 24 VAC input
- Electronic override button
- (110 to 24 VAC Transformer not included. See selection below for additional part number.)
- Quiet action, Teck® exposed diaphragm flush valve
- Chloramine resistant diaphragm
- Forged brass diaphragm retainer
- Removable seat
- Polished chrome plated finish
- External water conserving flush adjustment, factory set to 1.9 litre (0.50 gpi)
- 1" FIP / 3/4" copper sweat inlet adaptor, angle check stop with protecting cap
- Adjustable 121 mm (43/4") plus or minus 11 mm (7/16") inlet/valve outlet centres
- Vacuum breaker
- Cover tube, stainless steel wall flange, spud flange, spud nut, and 330mm (13") outlet tube
- Recommended water supply: Minimum flow pressure = 25 psi (172 kPa) Minimum flow rate = 8 gpm (30 L/min)



HARDWARE WITH BATTERY BACKUP
Add suffix "BB" to Product Number. See D59-8B for detailed specification.

TRANSFORMERS
060704A 110 to 24VAC Class II 20VA (for up to 5 Electronic Valves)
060771A 110 to 24VAC Class II 40VA (up to 10 Electronic Valves)

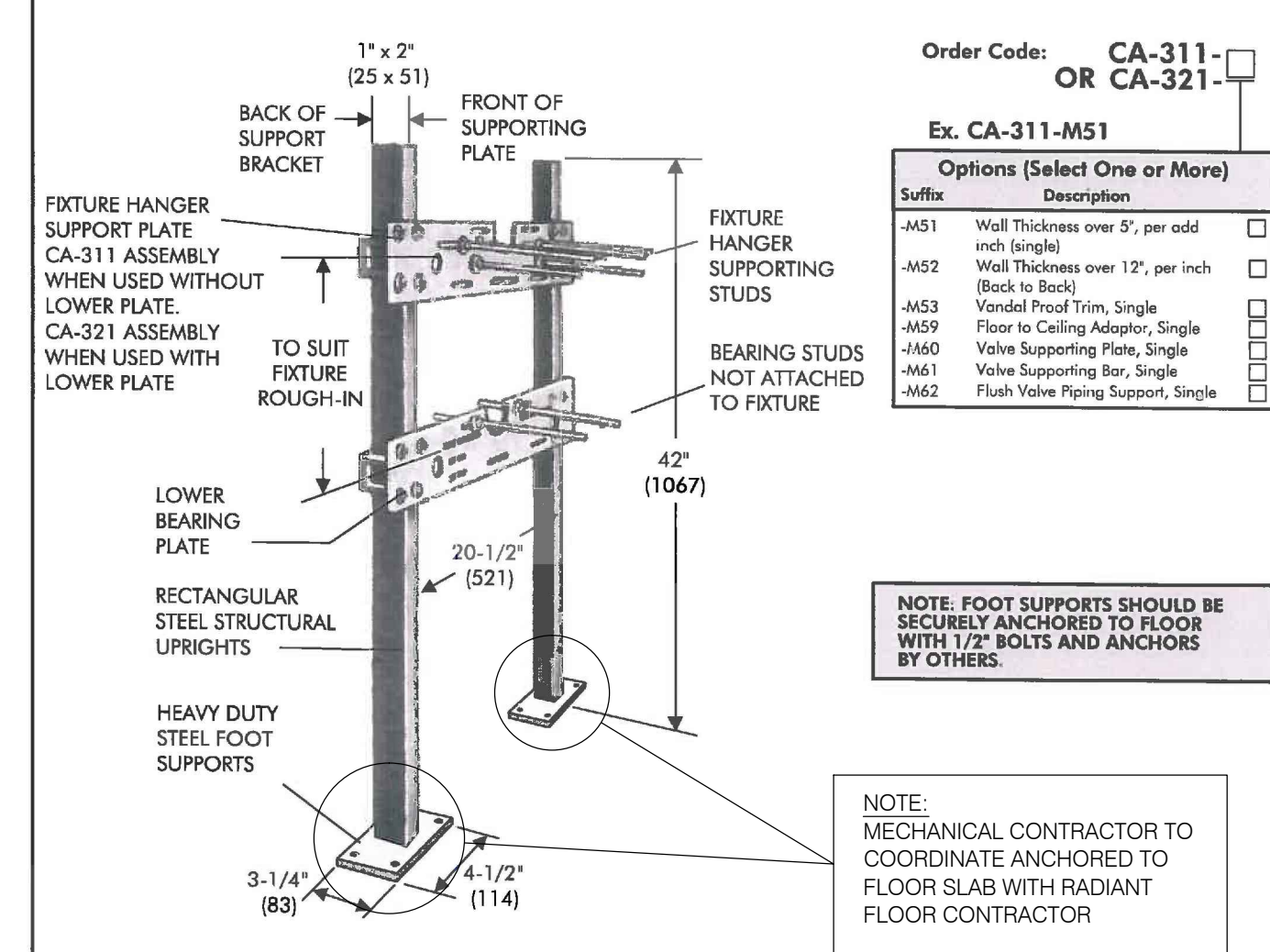
NOTE: ALL PRODUCT SPECIFIED ARE TO BE USED AS A GUIDE LINE. GENERAL CONTRACTOR TO PROVIDE EQUAL TO OR BETTER SPECIFICATIONS FOR ALL FIXTURES TO PARKS CANADA FOR APPROVAL.

NOTE: ALL WASHROOM HAND DRYERS, TOILET PAPER DISPENSERS AND SOAP DISPENSERS TO BE SUPPLIED BY OWNER AND INSTALL BY CONTRACTOR

WATTS DRAINAGE **CA-311, 321** **Urinal Carriers**

CA-311 SPECIFICATION: Watts Drainage Products CA-311 floor mounted urinal carrier with heavy gauge steel uprights with integral welded feet, universal steel hanger support plate, and plated hardware.

CA-321 SPECIFICATION: Watts Drainage Products CA-321 floor mounted urinal carrier with heavy gauge steel uprights with integral welded feet, universal steel hanger support plate and bottom bearing plate, and plated hardware.



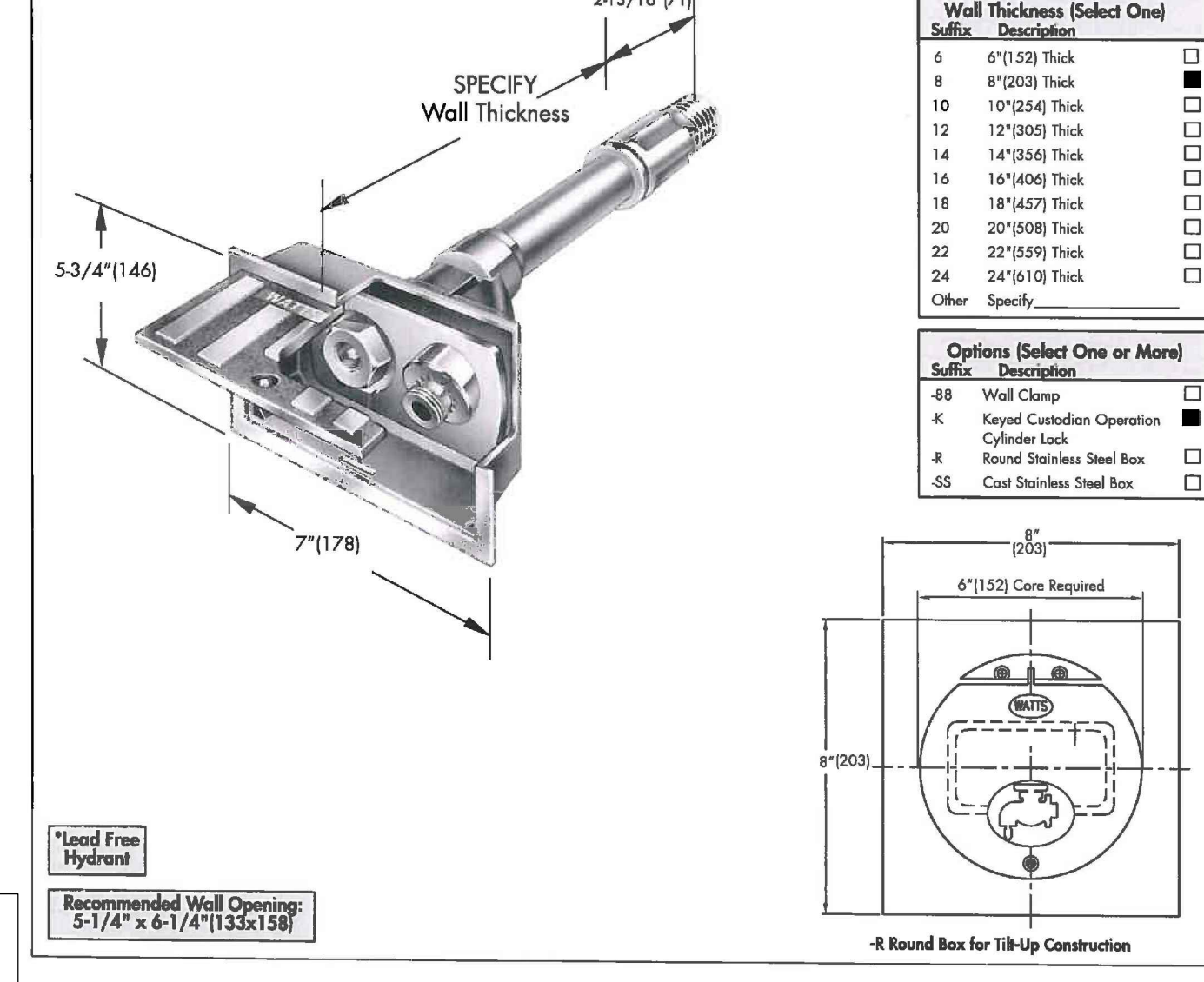
NOTE: Recommended for support of wall-hung urinals independent of wall.

FIXTURE - HB

WATTS DRAINAGE **HY-725** **Non-Freeze Wall Hydrant with NB Box, Integral Vacuum Breaker**

SPECIFICATION: Watts Drainage HY-725 concealed non-freeze key operated wall hydrant with nickel bronze box and door, chrome plated hydrant face, integral vacuum breaker, 3/4"(19) hose connection, 3/4"(19) female x 1"(25) male pipe connection, all bronze head, seal coating and internal working parts, bronze wall casing, and loose key. Complies with ASME 1019-2004, UPC/IAMPO Listed. Max operating pressure 125 psi.

FUNCTION: For recessed installation in exterior walls where self-draining integral vacuum breaker is required in areas subject to freezing.



1" Lead Free Hydrant
Recommended Wall Opening: 5-1/4" x 6-1/4" (135x158)

FIXTURE - LAV 1

American Standard
Style That Works Better

BARRIER FREE

WHEELCHAIR USERS LAVATORY

WHEELCHAIR USERS LAVATORY

- Vitreous china
- Wall mount sink
- Front overflow
- For concealed arms support (by others)
- Faucet ledge (faucet not included)



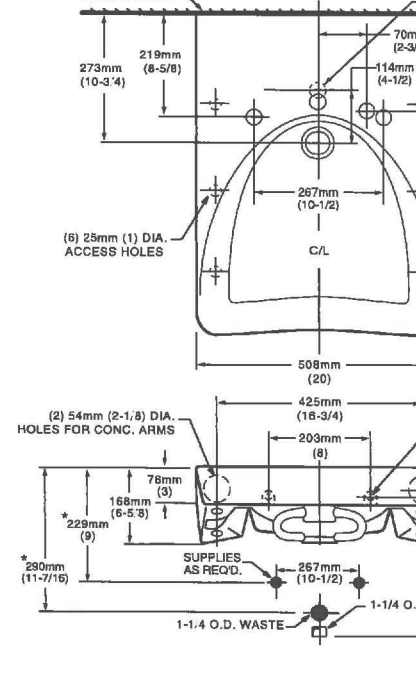
Faucet Holes center hole only
9140.047 Center hole only
9140.049 Center hole only
Less overflow

Nominal Dimensions:
508 x 686mm
(20" x 27")

Bowl Sizes:
14" (356mm) wide
14-3/4" (375mm) front to back
4-3/4" (121mm) deep

Compliance Certifications -
Meets or Exceeds the Following Specifications:
ASME A112.19.2 for Vitreous China Fixtures

9140.021

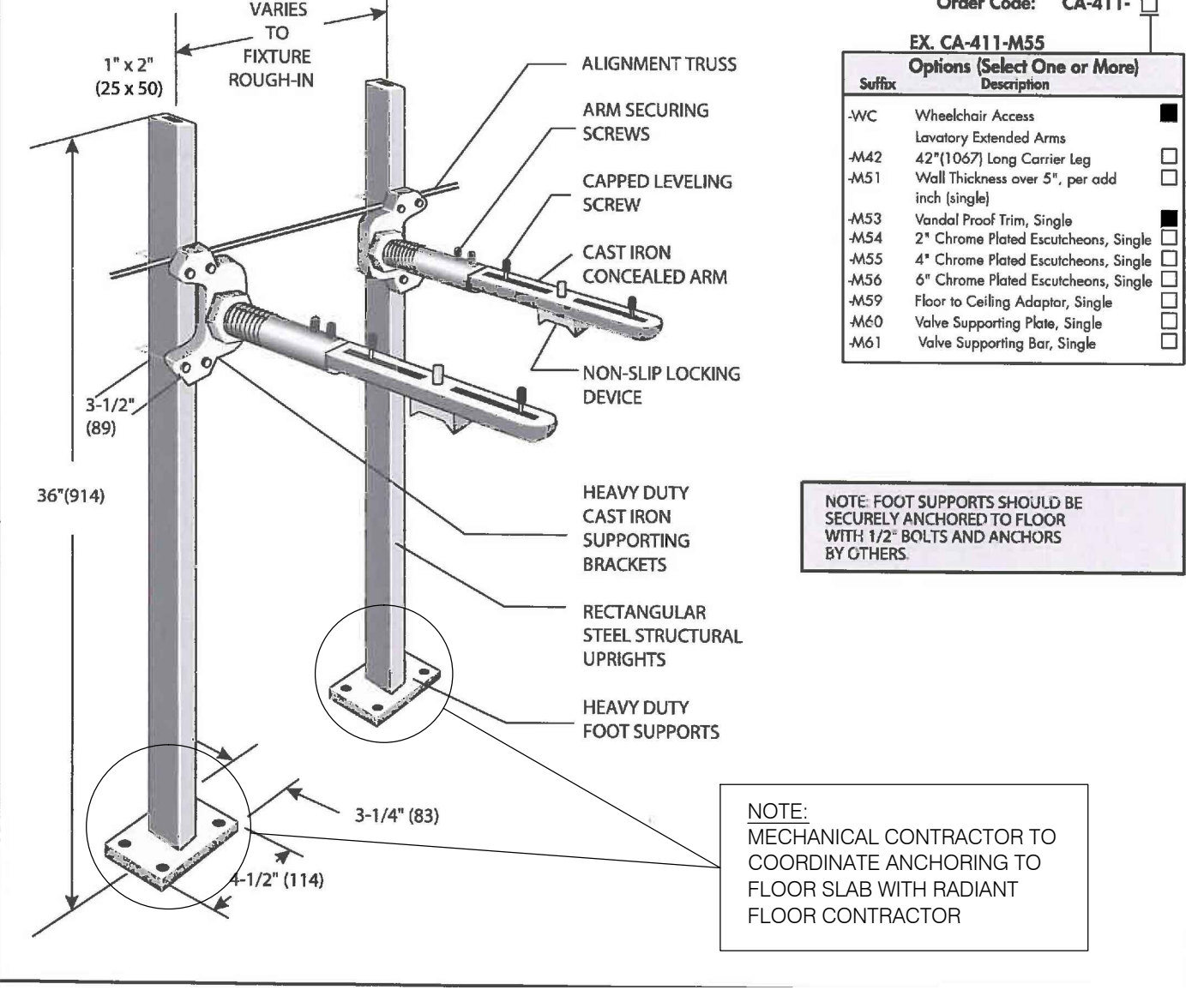


MEETS THE AMERICANS WITH DISABILITIES ACT GUIDELINES AND ANSI A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES - CHECK LOCAL CODES.
Top of front rim mounted 864mm (34") from finished floor.

WATTS DRAINAGE **CA-411/CA-411-WC** **Floor Mounted Lavatory Carrier with Concealed Arms**

SPECIFICATION: Watts Drainage Products CA-411/CA-411-WC floor mounted concealed arm lavatory carrier with heavy gauge steel uprights with integral welded feet, adjustable epoxy coated cast iron arms with levelling screws and basin locking device, upper tie rod, and plated hardware.

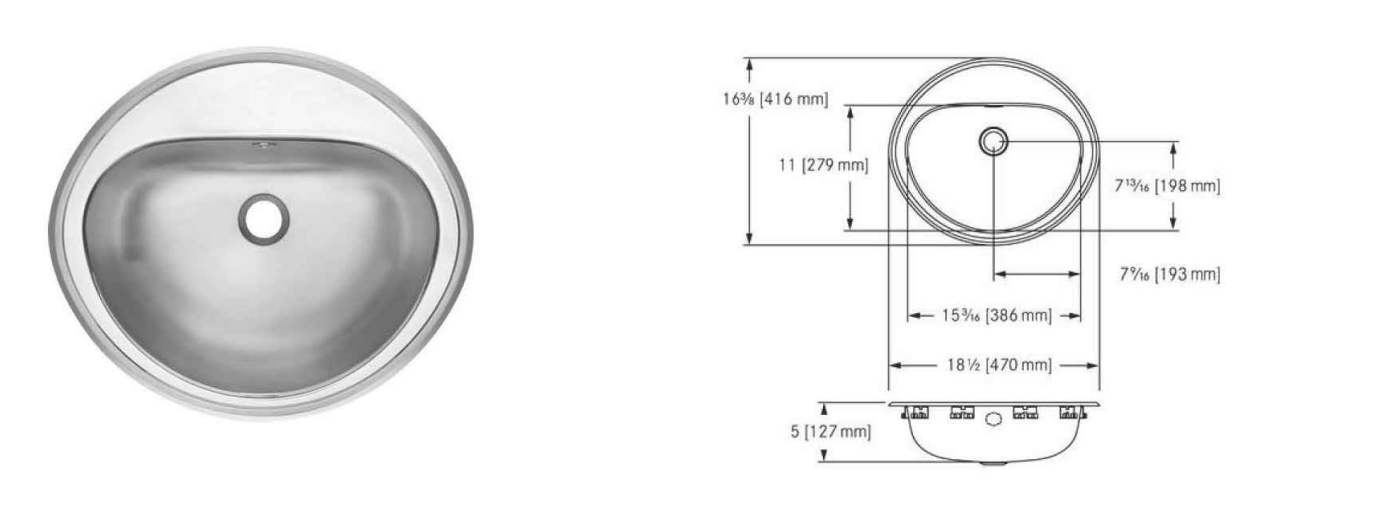
FUNCTION: Recommended for installation where added security of an independent foot supported carrier is required for lavatories designed for installation with concealed arms.



NOTE: MECHANICAL CONTRACTOR TO COORDINATE ANCHORING TO FLOOR SLABS WITH RADIANT FLOOR CONTRACTOR

FIXTURE - LAV 2

VANITY BASIN: OV1619/5/1
OV1619/5/1 | 2000102310



Single compartment self-rimming vanity basin with faucet ledge, 18 gauge (1.2 mm), type 304 (UNS 19/10) stainless steel. Minor finished rim, #4 satin finished bowl. Undercoated to reduce condensation and resonance. Includes factory applied rim seal, outlet template, and installation hardware. Certified to ASME A112.19.3-2008 / CSA B45.4-08.

TECHNICAL DATA		PROJECT INFORMATION	
type of basin	vanity basin	Item Location	
bowl depth	5"	Project Number	
Bowl finish	satin finished	Quote Number	
Bowl front to back	11"	Notes	
Bowl left to right	15 3/16"		
gross weight	4.11 kg		
material	stainless steel		
material code	1.4301 Chrome Nickel steel V2A		
material thickness grade	18 gauge (1.2 mm)		
Overall front to back	16 3/8"		
Overall left to right	18 1/2"		
overflow	yes		
faucet ledge	yes		
type of waste kit	optional grid strainer		
undercoated	yes		
waste hole position	centre back		
waste size	DN 32		
faucet hole diameter	1 1/2"		
number of faucet holes	1		
net weight	3.41 kg		

Frank Commercial Systems | ws-info.ca@franke.com | www.franke-commercial.com | 2016-11-30

DELTA **HDF COMMERCIAL** **DEMD Series Electronic Lavatory Faucets (Infrared)**

SPECIFICATION: (example)
DEMD-312LF

- Deck mount electronic lavatory faucet with technician's mixer to adjust temperature
- Above deck electronics
- Chrome
- Sensor detects user's hand to activate water flow
- 6 1.5V AA Batteries (included)
- Red light indicator blinks when battery is low
- Vandal resistant (brass free)
- 0.5 gpm (1.9 L/min) spray outlet

OPERATION
Sensing Ranges:
Factory set to 8.0" ± 1.5" (200 mm ± 40 mm)
Adjustable from 3.15" to 11.8" (80 mm to 300 mm) with optional remote control

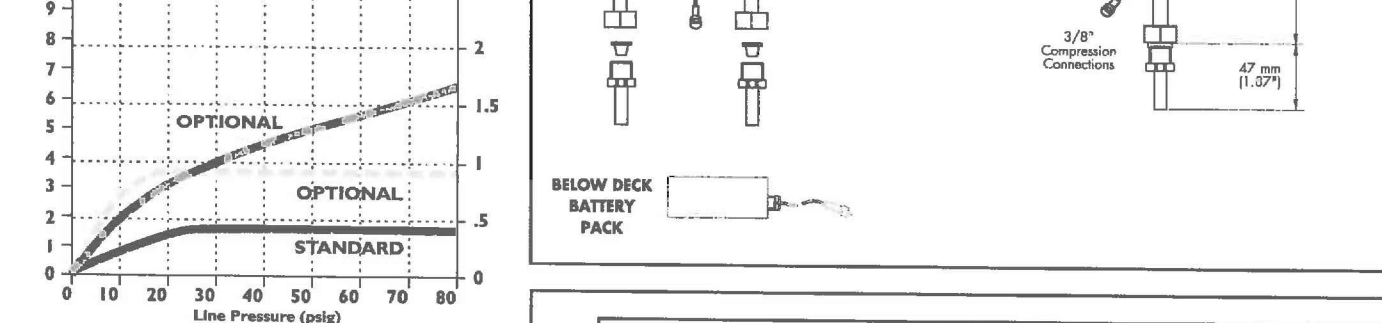
Maximum Run Times
90 seconds, adjustable with remote control

OPTIONAL ACCESSORIES (Order Separately)
060957A Remote Control (Optional) - allows adjustment of sensor range, maximum run time, delayed close time, temporary shut-off for cleaning and factory settings reset

060585A Optional 4" forged coverplate

060961A Optional 1.0 gpm (3.8 L/min) aerator

061118A Optional 1.5 gpm (5.7 L/min) Careguard® laminar outlet



Approvals:
IPACM certified
Complies to ASME A112.18.1/CSA B125.1
Indicates compliance to ICC/ANSI A117.1
Verified compliant with 0.25% weighted average Pb content regulations
(Contact Delta Representative for State and/or Local Approvals.)

HARDWARE CONVERSION OF DEMD-312LF
Requires SEPARATE order of either:
One 060958A DEMD plug in power supply output 9VDC OR One 060704A hardware 20VA transformer (120VAC to 24VAC)
One 060974A DEMD converter (24VAC to 9VDC)

BAIRD | AE
architecture + engineering

102 - 27 PRINCESS ST., LEAMINGTON, ON N8R 2Z6 1-844-843-9188
100 - 287 PEELISSER ST., WINDSOR, ON N9A 4K4 519-326-6161
A DIVISION OF MATTHEW J. BAIRD CONSULTING SERVICES INC.

NOT FOR CONSTRUCTION

Date	Revision
17/01/10	REVISIONS
17/01/30	100% SUBMISSION
17/02/30	ISSUE FOR TENDER

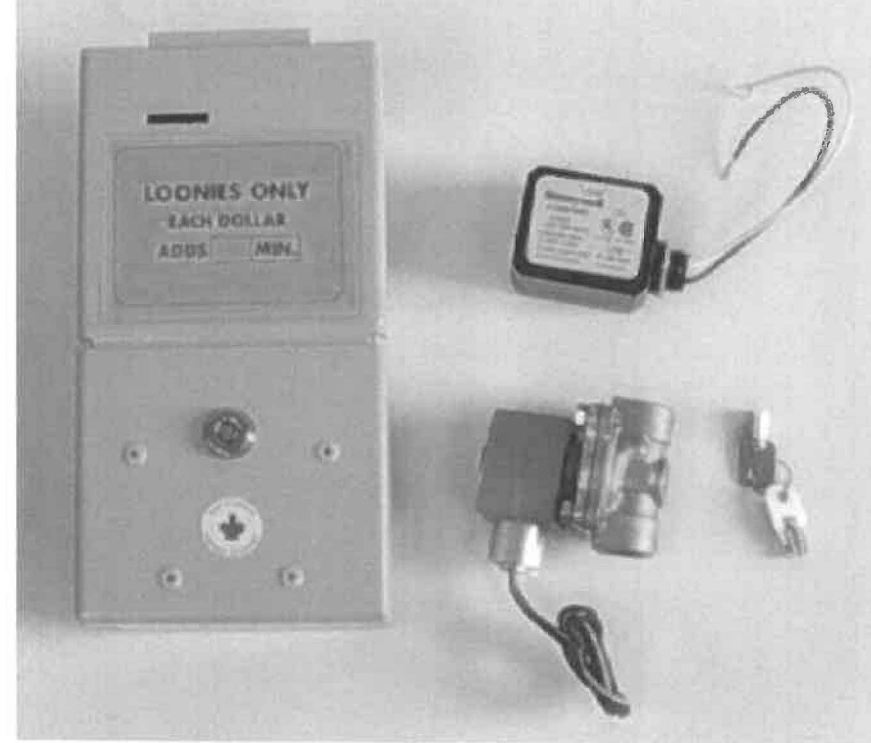


PROJECT TITLE: **POINT PELEE NATIONAL PARK CAMP HENRY**
POINT PELEE LEAMINGTON ONTARIO
SHEET TITLE: **PLUMBING FIXTURE SCHEDULE**
PROJECT NO: 16-004
SHEET NO: **M8**

PLUMBING FIXTURE SCHEDULE

FIXTURE - CM

PCL COIN METER SHOWER KIT

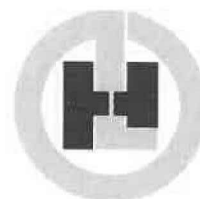


- Dollar coin activation
- Switch selectable 1-7 coins before timing starts
- Cumulative timing: each additional coin adds time
- Timer selectable from 0.25 to 32 minutes each coin
- Heavy duty metal housing, sturdy lock
- Easy to install and adjust timing
- Dimensions: 9-11/16" H, 4-15/16" W, 4-1/2" D

The PCL Coin Meter is a sturdy, easy to install coin meter for a multitude of uses but most commonly as a coin-operated timer control for campground and resort showers. When one or more dollar coins is dropped in the meter slot, the timing sequence begins and opens the solenoid valve for the duration of the timing. Meters can easily be configured for adjustable timing from 0.25 to 32 full minutes per coin, and can also be adjusted so that more than one coin is needed before timing starts. The meters are accumulative, so that every additional coin adds time by the preset amount.

KIT INCLUDES: ELECTRONIC ACCUMULATIVE METER, TRANSFORMER AND SOLENOID VALVE

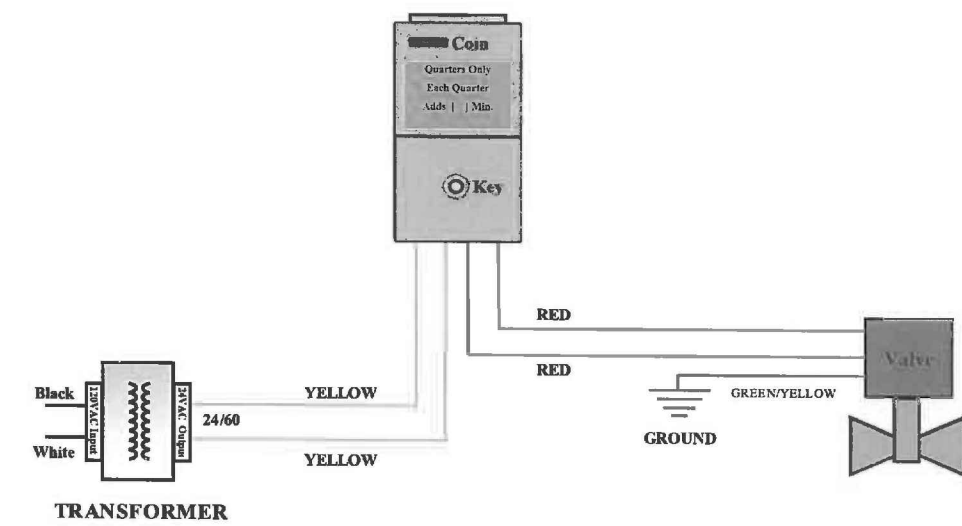
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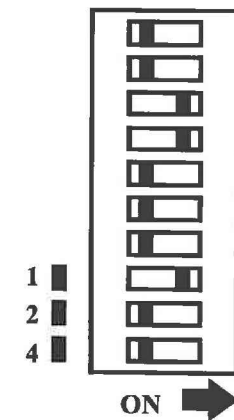
HY-LINE SALES LTD
#2A-27355 Gloucester Way, Langley BC, V4W 3Z8
PHONE: 604-856-5648 (TOLL FREE BC: 800-266-3114)
FAX: 604-856-8684 (TOLL FREE BC: 800-266-3112)
www.hylinesales.com
customer-service@hylinesales.com

Installation Instructions

- Observe local electrical and plumbing codes.
- Bolt coin meter to suitable surface in a dry location.
- Install solenoid valve inline to the shower head.
- Wire a constant source of power (120/60 HZ) to primary of transformer (leave power off until all wiring is completed).
- Connect secondary of transformer (24/60 HZ) to the two yellow leads on the coin meter.
- Connect the two red leads of the valve to the two red leads of the coin meter (green/yellow lead on valve is a ground).
- Make sure all the wires are behind the coin chute.
- Set timer to desired time (timer has been factory set at 5 minutes for each coin), see timer adjustment below.
- The front label has a blank box so your time selection can be entered.

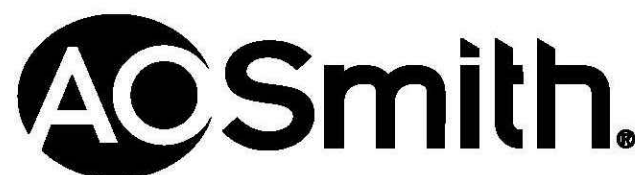


ADJUSTMENT SWITCHES

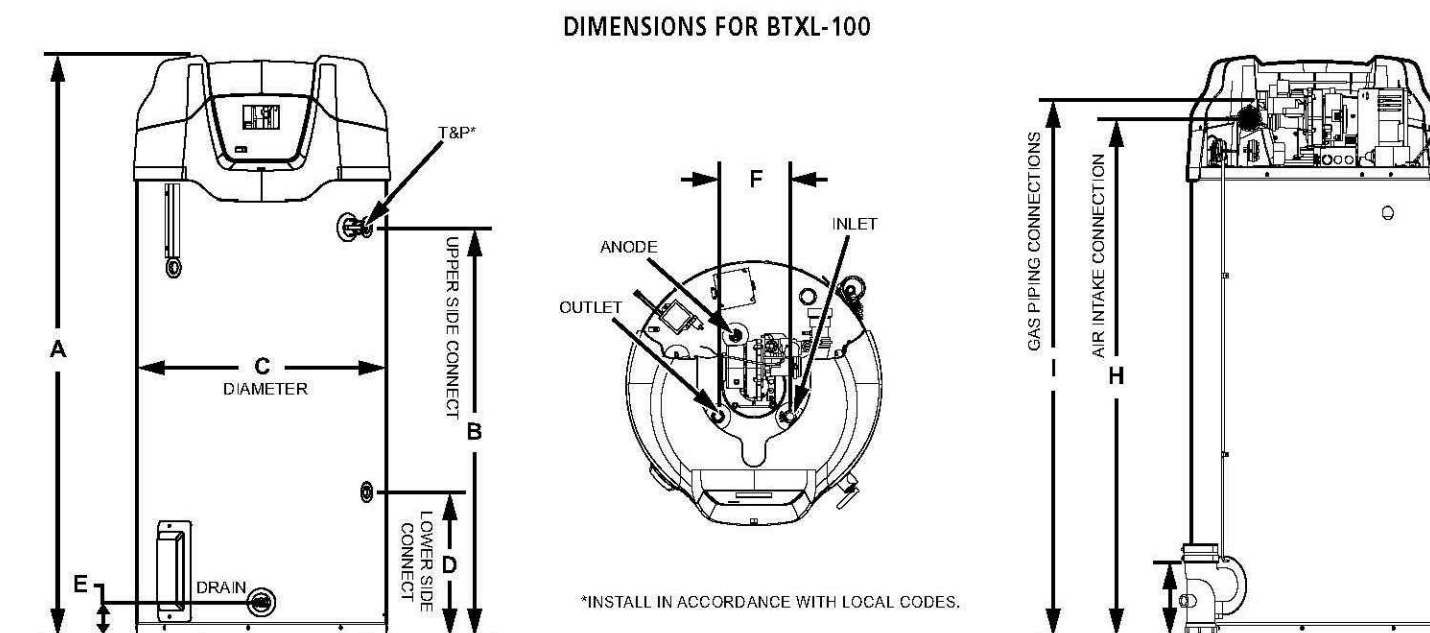


Timer Adjustment:
Ten dip switches on the timer control your timing sequence. Switches 1 to 7 select your timing output in minutes per every initiate switch closure (e.g. 1 minute of timing for every coin dropped in slot). Switches can be combined to total desired timing to a maximum of 32 minutes. The bottom three switches sets the number of coins before vending time starts (number of closures). A minimum of one coin and a maximum of seven coins can be selected by turning on any combination of the switches. In the example at left, one coin equals 3 minutes of timing.

FIXTURE - WH



Commercial Gas
Water Heater



ROUGH-IN DIMENSIONS

Model Number	Approximate Capacity U.S. Gals.	Liters	Units	A	B	C	D	E	F	G	H	I
BTXL-100	75	284	INches	65.35	45.64	27.25	16	3.71	8	7.93	57.36	58.98
			cm	165.7	115.9	70.5	40.6	9.4	20.32	20.1	145.7	149.8

Specify when ordering propane (LP) gas.
Standard model certified from sea level to 10,100 ft. elevation.
Optional Condensate Vent Kit (900628005) and Condensate Neutralization Kit (9007559005).
Top Inlet and Outlet: 1" NPT
Side Inlet and Outlet: 1" NPT
Gas Inlet: 1/2" NPT
Condensate Drain outlet: 1/2" NPT
Electrical Characteristics: 120V 60Hz - 5 amps
The manifold pressure is factory set and is not adjustable. A negative pressure will be seen with just the blower running without the Gas Control Valve open.
All models - Maximum Supply Pressure: 14 inches W.C. (3.48 Ft.)
Minimum Supply Pressure for Natural Gas: 3.5" (1.07 Ft.)
Minimum Supply Pressure for Propane Gas (LPG): 11.99 Ft.)
Minimum pressure must be maintained under both load and no load (dynamic and static) conditions.

RECOVERY CAPACITIES- BTXAND BTXL

Rating (Btu/hr)	Rating (Kw)	Recovery Capacities													
		Temp Rise - F	36	40	50	60	70	80	90	100	110	120	130	140	
100,000	29.3	CSH	397	28	22.9	194	160	145	7.9	11.5	105	97	90	83	
		LSH	1465	1102	882	734	620	549	488	438	401	367	341	314	

MAXIMUM VENTING DISTANCE- BTXAND BTXL

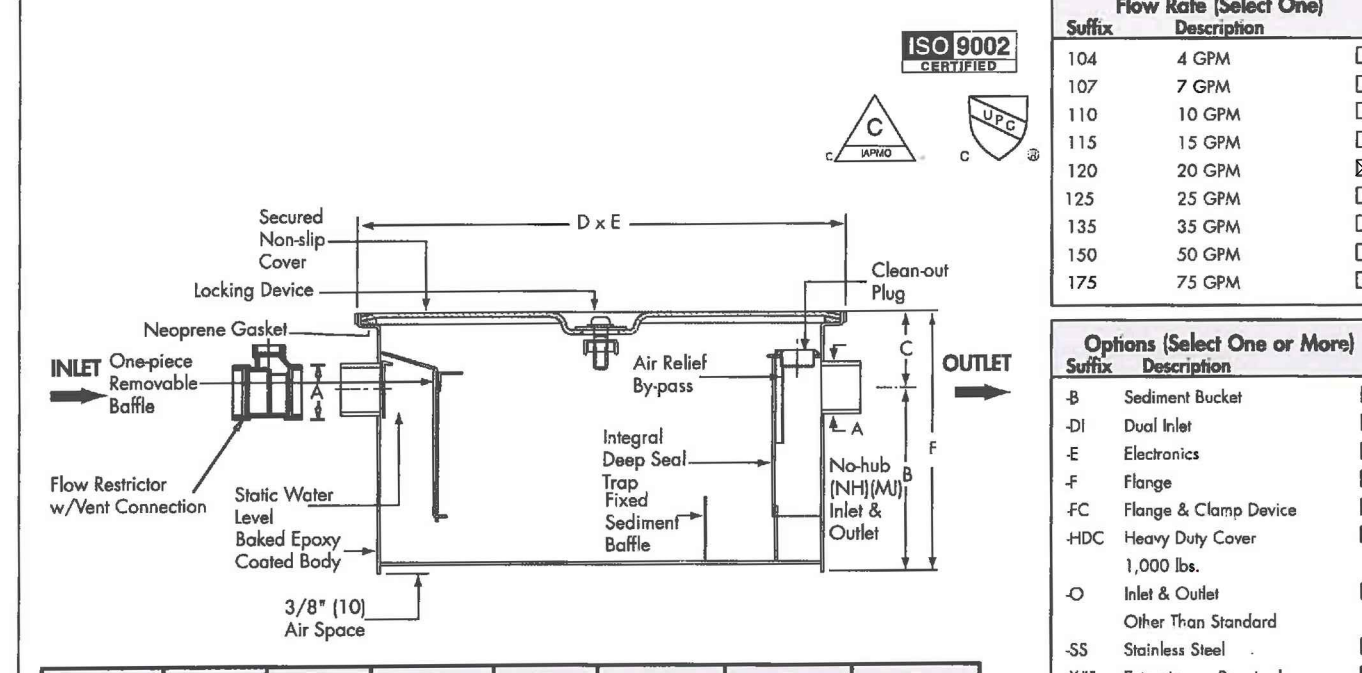
Number of gas Piping Elbows	2" Maximum Pipe-ft. (m)	3" Maximum Pipe-ft. (m)
1	40 (12.19)	120 (36.57)
2	35 (10.66)	115 (35.05)
3	30 (9.14)	110 (33.52)
4	25 (7.62)	105 (32)
5	20 (6.10)	100 (30.48)
6	15 (4.57)	95 (28.95)

Note: See the Instruction Manual for the most current and detailed venting info.

FIXTURE - GI

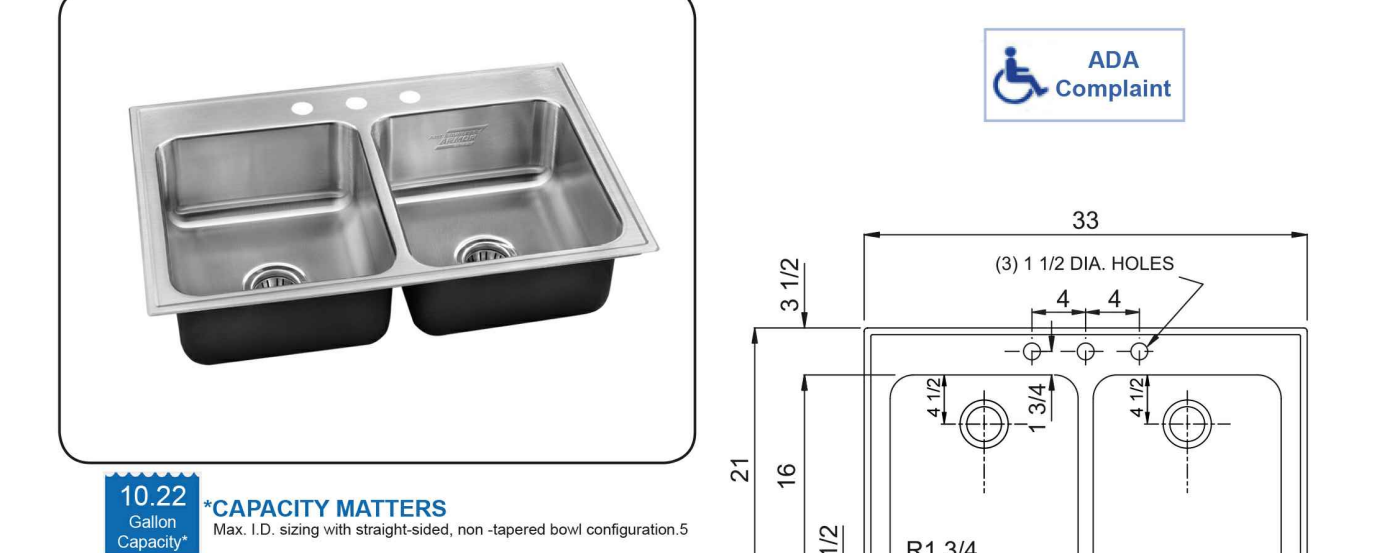
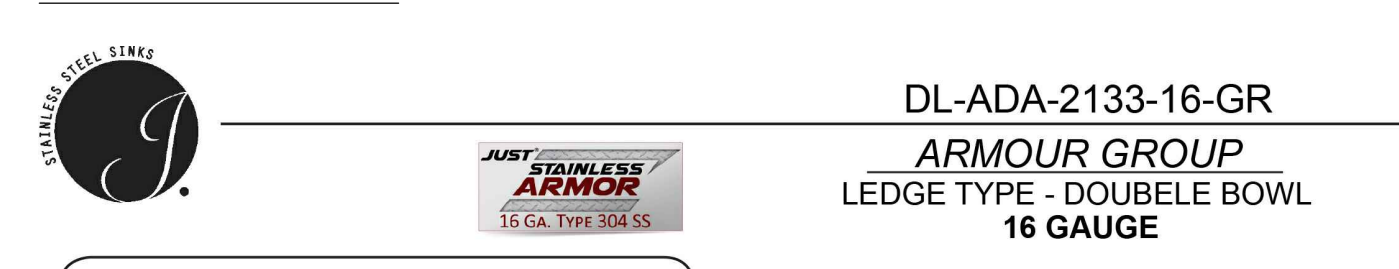


SPECIFICATION: Watts Drainage Products WD-CSA Series epoxy coated inside and outside fabricated steel grease interceptor with flow rating of 4 to 7.5 gpm and grease capacity of 8 to 150 lbs. Unit shall include one piece removable baffle assembly, code approved deep seal trap, secured and gasketed non slip cover, NH (M) [standard] inlet and outlet and external flow control.



Interceptor Catalog Number	Grease Capacity lbs.	A	B	C	D	E	F
WD-104	8	2'11"	7-3/4" (197)	4'11/32"	14'1/4"	10'25/4"	13-3/4" (348)
WD-107	14	2'11"	8-1/2" (214)	4'11/32"	18'1/4"	12'3/32"	14-1/2" (368)
WD-110	20	2'11"	8-1/2" (214)	4'11/32"	21-3/4" (553)	14'23/4"	14-1/2" (368)
WD-115	30	2'11"	10-1/2" (267)	4'11/32"	22'5/8"	15'23/8"	16-1/2" (419)
WD-120	40	3'7/8"	11-1/2" (293)	4'11/32"	24'1/8"	15-3/4" (400)	17-1/2" (443)
WD-125	50	3'7/8"	12" (305)	4'11/32"	24'5/8"	16-1/2" (419)	18'1/8"
WD-135	70	4'11/32"	14' (384)	4'11/32"	30'7/8"	18'1/4"	20'10/8"
WD-150	100	4'11/32"	16' (488)	4'11/32"	32'11/8"	22'5/8"	22'5/8"
**WD-175	150	4'11/32"	18-1/2" (467)	4'11/32"	34'11/4"	24'1/8"	24-1/2" (623)

FIXTURE - KS



Seamless die-drawn construction of 16 gauge type 304 stainless steel. Faucet flange at rear of compartment. Interior and top surfaces polished to a non-porous Hand Blended Just Finish. Fully coated underside insulate for sound and reduces condensation. Straight sided compartment with 1-3/4" radius corners provides greater capacity. Self-rimming top mount with Grip-Rim Plus with stainless steel mounting channels. Drain punched for Just J-35-SSF drain. Certified to ASME/CSA B45.4; UPC, IPC.

NSF Sink certified to ASME A112.19.3CSA B45.4; Uniform Plumbing Code (UPC); International Plumbing Code (IPC), by NSF International. Certified less fittings.

CUTOUT DIMENSIONS		
Model Number	Front-to-Back	Left-to-Right
DL-ADA-2133-16-GR	20-1/4	32-1/4

APPROVED FOR MANUFACTURING
MODEL NO. DL-ADA-2133-16-GR .5.5.DCR QTY _____
JOB NAME: _____
TAGITEM: _____
CUSTOMER: _____
SIGNATURE: _____

MADE IN U.S.A.
9233 KING STREET - FRANKLIN PARK - ILLINOIS - 60131-2111
PH: 847-678-5150 - FAX: 847-678-6817 - E-MAIL: custserv@justmfg.com - www.justmfg.com

NOTE: ALL WASHROOM HAND DRYERS, TOILET PAPER DISPENSERS AND SOAP DISPENSERS TO BE SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR



55P1513

TECK COMMERCIAL DELTA

Pre-Rinse Faucets

Specification: (example)

- 203 mm (8") heavy-duty cast brass wallmount pre-rinse faucet.
- Polished chrome plated finish.
- TUR-TECK™ compression structures.
- ADA compliant, color-inexad, 76mm (3") metal lever blade handles.
- 9.5 mm (3/8") IPS rigid riser, heavy-duty gooseneck spring, 1.118 mm (44") stainless steel clad high pressure rubber hose.
- 1.6 GPM (6.08 L/min) @ 60 PSI spray head, self-closing, insulated stop valve, spray head hook.
- (LESS wall bracket, LESS thin wall installation kit, LESS water/energy saving sprayplate.)

Flow Rate (Select One)

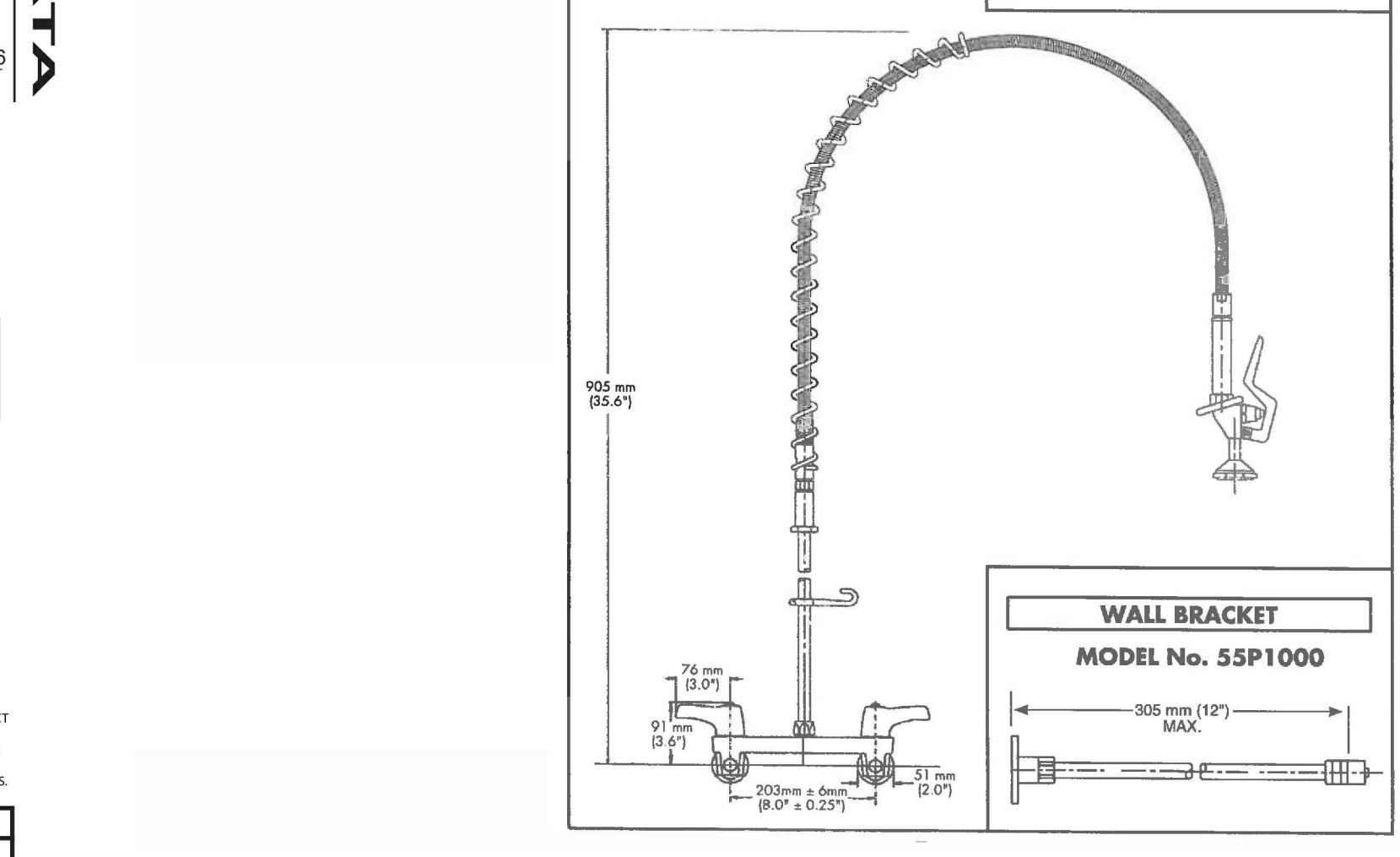
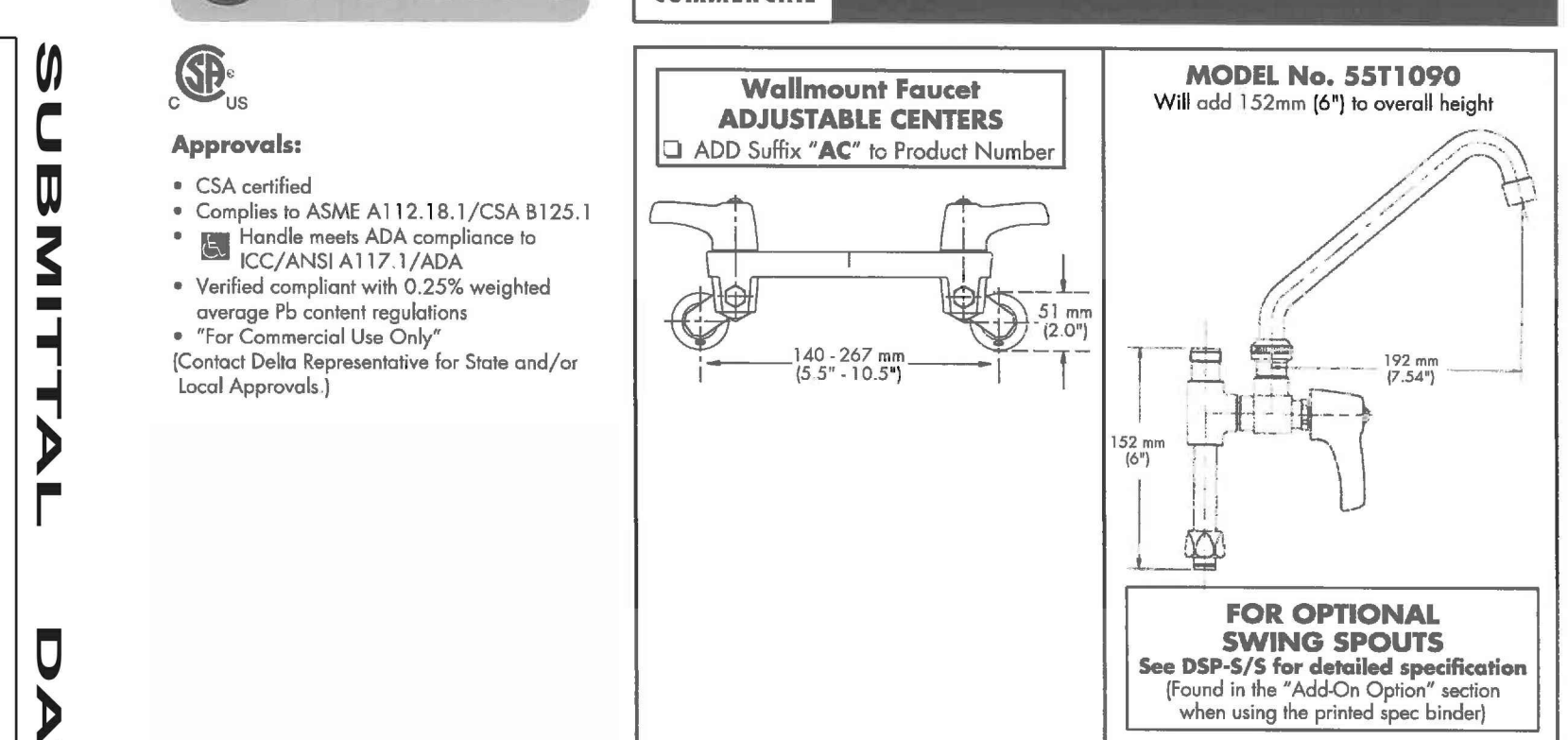
Flow Rate	Description
104	4 GPM
107	7 GPM
110	10 GPM
115	15 GPM
120	20 GPM
125	25 GPM
135	35 GPM
150	50 GPM
175	75 GPM

Options (Select One or More)

Suffix	Description
B	Sediment Bucket
DI	Dual Inlet
E	Electronics
F	Flange
FC	Flange & Clamp Device
HDC	Heavy Duty Cover
I	1,000 lbs.
IO	Inlet & Outlet
IS	Other Than Standard
SS	Stainless Steel
ME	Extension on Required
JHDC	Extra Heavy Duty Cover
IP	Inspection Port
ALC	Aluminum Cover
FSB	Fish Scale Bucket

Optional Inlet/Outlet Sizes

Suffix	Description
2	2" (51) Inlet/Outlet
3	3" (76) Inlet/Outlet
4	4" (102) Inlet/Outlet
6	6" (152) Inlet/Outlet



NOTE: ALL PRODUCT SPECIFIED ARE TO BE USED AS A GUIDE LINE. GENERAL CONTRACTOR TO PROVIDE EQUAL TO OR BETTER SPECIFICATIONS FOR ALL FIXTURES TO PARKS CANADA FOR APPROVAL.



NOT FOR CONSTRUCTION

Date	Revision
17/01/10	REVISIONS
17/01/30	100% SUBMISSION
17/02/30	ISSUE FOR TENDER



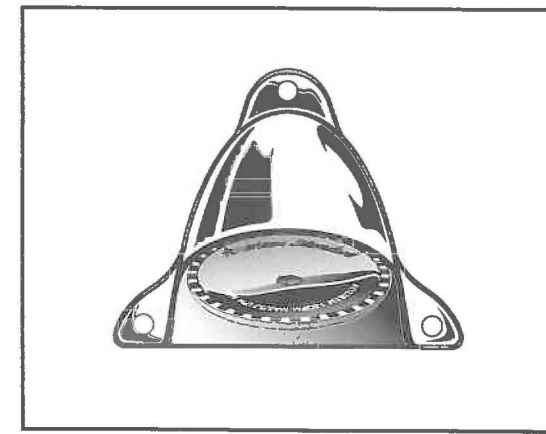
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PROJECT NO: _____
SHEET TITLE: **PLUMBING FIXTURE SCHEDULE**
SHEET NO: _____
16-004
M9

PLUMBING FIXTURE SCHEDULE

FIXTURE - SH-HD

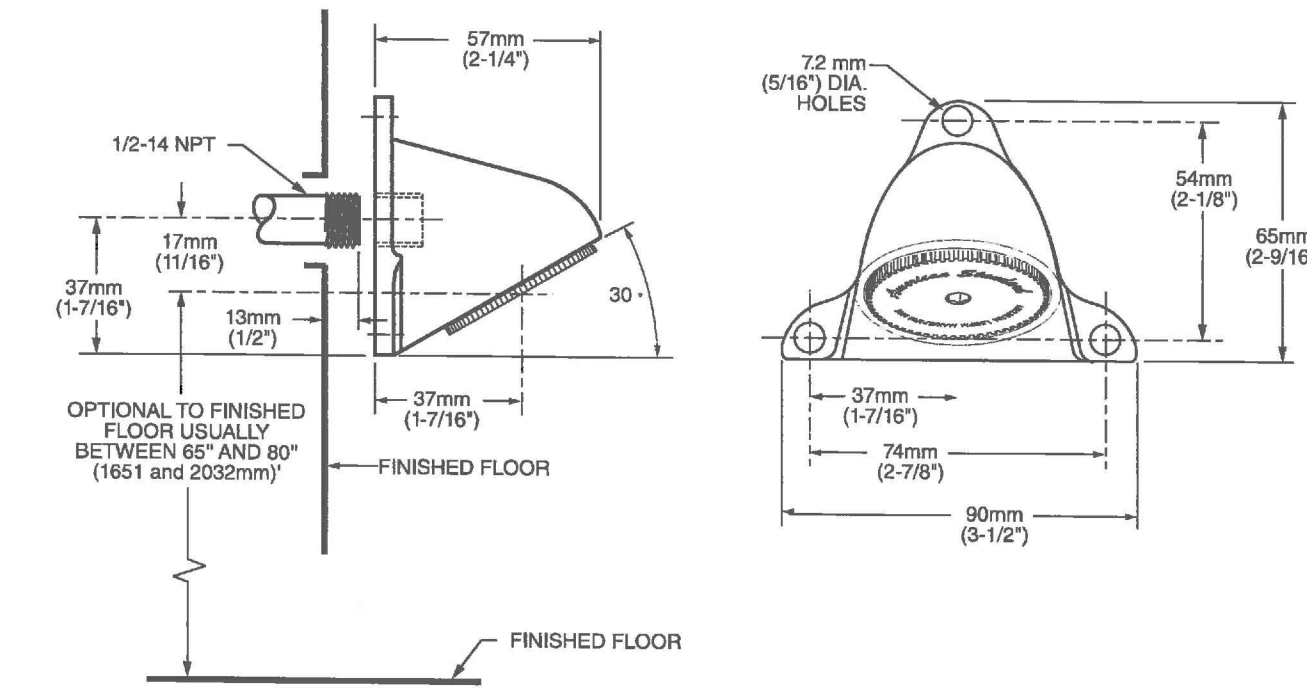


INSTITUTIONAL SHOWERHEAD



MODEL NUMBER:

- 1660243 Institutional Showerhead, 1.7 gpm (76 Lpm)
- 1660244 Institutional Showerhead, 1.25 gpm (5.7 Lpm)



GENERAL DESCRIPTION:

Wall-mounted showerhead. Vandal-resistant cast brass construction. Includes pressure-compensating flow control device.

PRODUCT FEATURES:

- Wall mounted institutional showerhead
- Solid brass construction
- Vandal resistant mounting
- Pressure compensating flow control
- 5 Year Warranty: 5 year limited warranty for commercial installations.

CODES AND STANDARDS

Install as required to comply with local requirements.

ASME A112.18.1
CSA 125

Product Number	Description	Finish
1660243	Institutional Showerhead, 1.7 gpm (76 Lpm)	Polished Chrome
1660244	Institutional Showerhead, 1.25 gpm (5.7 Lpm)	■

FIXTURE - SH

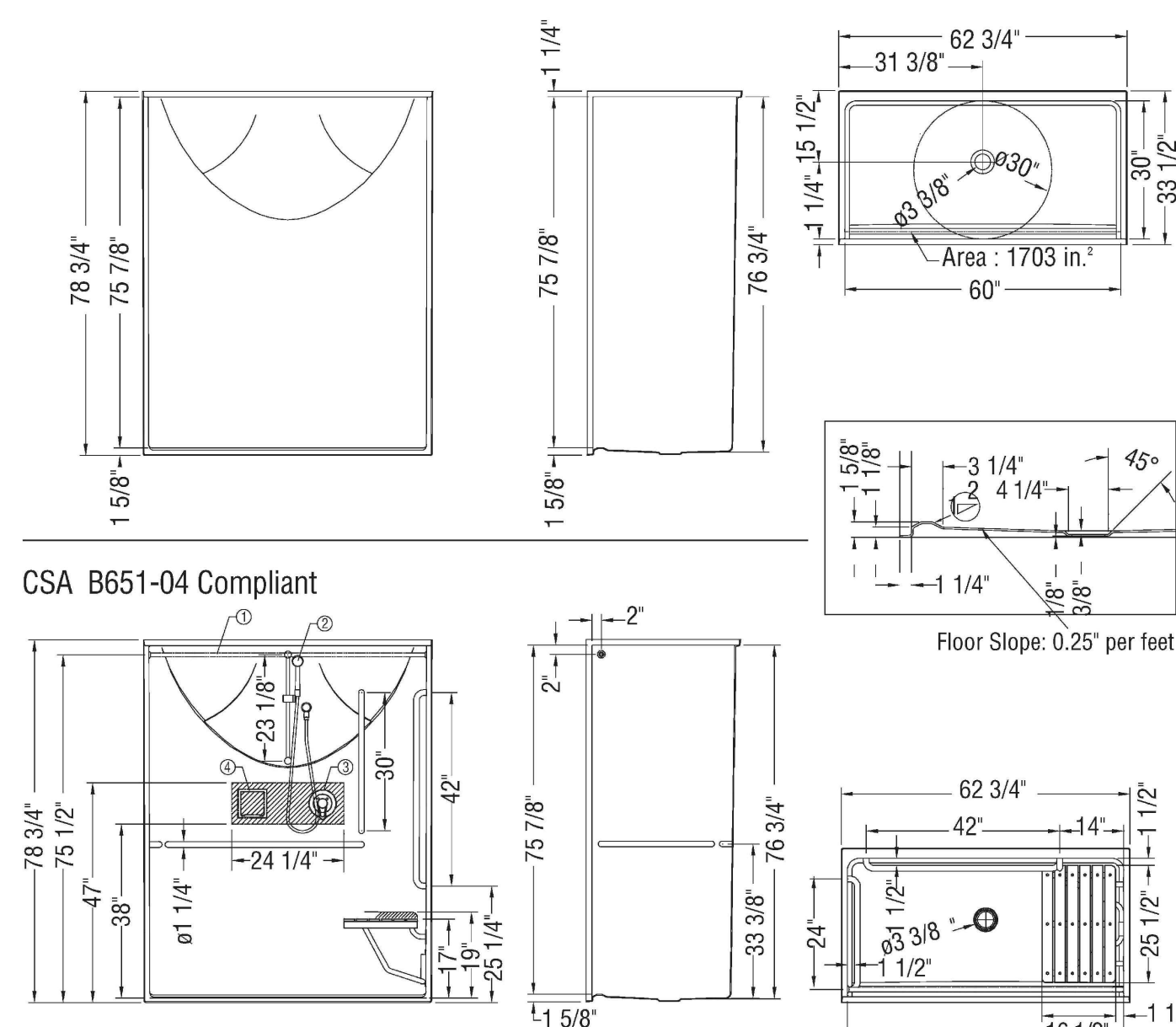
MAAX SUBMITTAL SPECIFICATIONS

Outlook BFS-60F

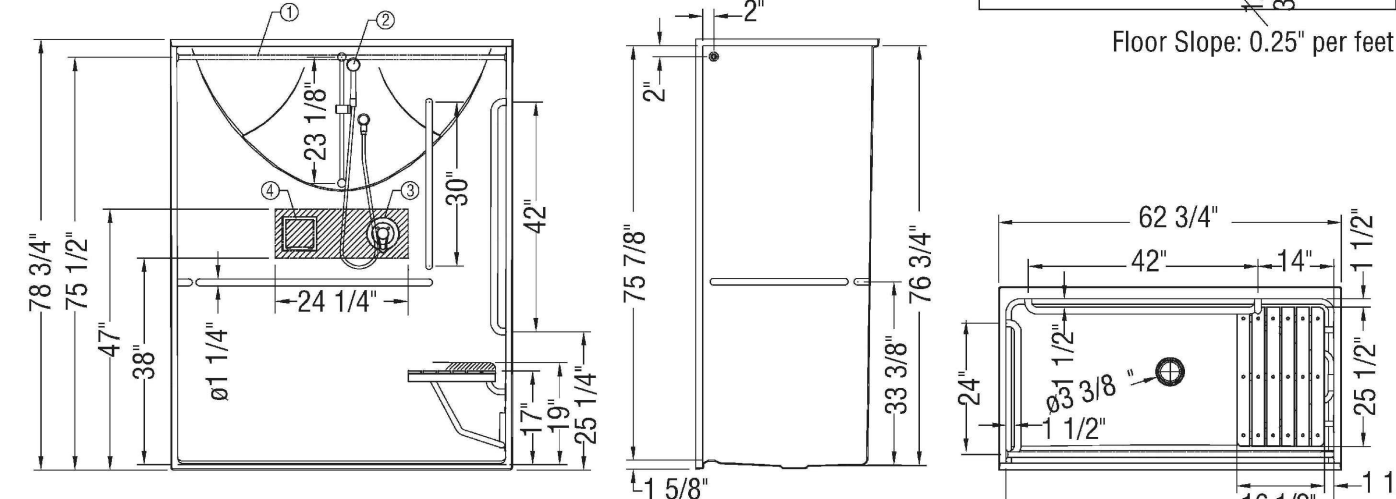
MODEL NUMBER 105247

TECHNICAL DRAWINGS

Base model



CSA B651-04 Compliant



①: Curtain Rod
②: Hand Held Shower Option
③: Pressure Balancing Mixing Valve Option
④: Soap Dish Option
All dimensions are approximate. Structure measurements must be verified against the unit to ensure proper fit.

2016-11-30

Vivez l'expérience
MAAX
Enjoy the experience

INT. DIM.	60 X 30 X 76-3/4 (1524 X 762 X 1950)
EXT. DIM.	62-3/4 X 33-1/2 X 78-3/4 (1594 X 851 X 2000)
THRESHOLD HT.	1" (25 mm) skirt, No interior threshold
WEIGHT	195 lbs (88 kg) gross
WARRANTY	Fiberglass - Three years
CODE LISTED	ADA
STANDARD FEATURES	<ul style="list-style-type: none"> • Reinforced unit • Center drain • Textured bottom

INCLUDED OPTIONS

Please specify colors/finishes when ordering

- L-Shaped Fold-Up Seat
- Naugahyde (381) Phenolic (382) Left Right
- 24-in. Straight Grab Bar
- White (001) Stainless Steel (106)
- 42-in. Straight Grab Bar
- White (001) Stainless Steel (106)
- 60-in. Curtain Rod with Grommets: Stainless Steel (106)
- 60-in. White Vinyl Shower Curtain with Stainless Steel Hooks (106)
- Solid brass drain with stainless steel grid. Quick couk seal fits a 2 in. schedule 40 steel or plastic pipe.

ADDITIONAL ACCESSORIES AND OPTIONS¹

Please specify colors/finishes when ordering

- Straight Grab Bar
- 12 in. 18 in. 24 in. 30 in. 42 in. 48 in.
- White (001) Stainless Steel (106)
- Horizontal L-Shaped Grab Bar
- White (001) Stainless Steel (106)
- Built-In Soap Dish¹
- White (001) Stainless Steel (106)
- Pressure Balance Mixing Valve with 1-function Hand-Held Shower including Slide Bar with 60-in. Hose and Vacuum Breaker: Chrome (084)¹
- 24-in. Slide Bar 60-in. Slide Bar
- Pressure balance mixing valve and soap dish are not factory installed.
- ¹Please indicate custom positionings on reverse side drawings. Additional charges may apply.



PLUMBING FIXTURE SCHEDULE

SYMBOL	SPECIFICATION	TRIM	TRAP	C.W	H.W	WASTE	VENT	COLOUR	GENERAL COMMENTS	QUANTITY
WC	WATER CLOSET - AMERICAN STANDARD BARRIER FREE TOILET - AFWAL MILLENNIUM FLOWWISE - ELONGATED FLUSHOMETER TOILET WITH EVERCLEAN	1. FLUSH VALVE - DELTA TECK MODEL # 81T201-WMSHWA 2. TOILET SEAT - CENTOCO ELONGATED 500 SERIES	CONCEALED TRAP WAY DESIGN (INTERNAL)	19 mm	---	76 mm	38 mm	WHITE	C.W. WATTS ISCA-101-L/R SINGLE HORIZONTAL ADJUSTABLE CLOSET CARRIER AND DELTA ELECTRONIC EXPOSED TECH FLUSH VALVE - ELONGATED HEAVY DUTY SOLID PLASTIC SEAT	15
U	URINAL - AMERICAN STANDARD WALL HUNG WASH DOWN URINAL - BARRIER FREE - WASHBROOK FLOWWISE - TOP SPUD 6590.001	1. FLUSH VALVE - DELTA TECK - MODEL # 81T231-WMSHWA	CONCEALED TRAP WAY DESIGN (INTERNAL)	19 mm	---	38 mm	38 mm	WHITE	C.W. WATTS CA-321 URINAL CARRIER AND DELTA ELECTRONIC EXPOSED TECH FLUSH VALVE AS NOTED	4
LAV1	BARRIER FREE LAVATORY - AMERICAN STANDARD WHEELCHAIR USERS WALL MOUNTSINK # 9140.047	FAUCET - DELTA HDF - ELECTRONIC (INFRARED) #DEMD-312F	CAMBRIDGE BRASS 33T231 WASTE, 33T311 ADJ. P. TRAP	13 mm	13 mm	32 mm	32 mm	WHITE	C.W. WATTS CA-411 FLOOR MOUNTED LAVATORY CARRIER WITH CONCEALED ARMS	2
LAV2	LAVATORY - FRANKE VANITY BASIN # OV16191-5-1, STAINLESS STEEL	FAUCET - DELTA HDF - ELECTRONIC (INFRARED) #DEMD-312F	---	13 mm	13 mm	38 mm	32 mm	S.S.	---	10
KS	KITCHEN SINK - FRANKE DOUBLE COMPARTMENT DROP IN SINK # LBD4410P-1	FAUCET - DELTA TECK PRE-RINSE # 55P1513	---	13 mm	13 mm	38 mm	38 mm	S.S.	---	4
MS	MOP SINK - WILLIAMS - MODEL # MTB-3624 (914X610mm) CW/ SPLASH PANELS AND TAP SET	---	76mm P TRAP BELOW GRADE	13 mm	13 mm	76 mm	38 mm	PEARL GREY MARBLE	---	4
FD1	FLOOR DRAIN - WATTS DRAINAGE - ROUND MODEL # FD-200-AS.1 WITH ROUND STRAINER	---	76mm TRAP BELOW GRADE. VENT IN WALL	10 mm	-	76 mm	38 mm	---	NICKEL BRONZE STRAINER PROVIDE DEEP SEAL TRAP AND TRAP PRIMER - PROVIDE MEMBRANE AND MEMBRANE CLAMP FOR WATER PRONE AREAS	12
FD2	FLOOR DRAIN - WATTS DRAINAGE - TRENCH MODEL # TD-940-5" (127mm) WIDE	---	76mm TRAP BELOW GRADE VENT IN WALL	10 mm	-	76 mm	38 mm	---	DUCTILE IRON GRATE. PROVIDE DEEP SEAL TRAP AND TRAP PRIMER - PROVIDE MEMBRANE AND MEMBRANE CLAMP FOR WATER PRONE AREAS	4
HB	WALL HYDRANT - WATTS MODEL #HY-725 - NON-FREEZE WITH NB BOX	---	---	13 mm	---	---	---	---	---	5
SH	SHOWER UNIT - MAXX OUTLOOK BFS-60F - MODEL # 105247 - CSA B651-04 COMPLIANT CW/ FOLD-UP SEAT, GRAB BARS (2), CURTAIN ROD & CURTAIN, BUILT-IN SOAP DISH, MIXING VALVE & HAND HELD SHOWER	---	---	13 mm	13 mm	50 mm	38 mm	WHITE	---	2
WH	WATER HEATER - A.O. SMITH COMMERCIAL GAS HEATER # BTXL-100 (284 L)	---	---	25 mm	25 mm	---	38 mm	---	---	5
GI	GREASE INTERCEPTOR - WATTS # WD-120, CSA SERIES	---	---	---	---	76 mm	38 mm	---	---	1
SH-HD	SHOWER HEAD - AMERICAN STANDARD INSTITUTIONAL SHOWERHEAD # 1660244	---	---	13 mm	13 mm	---	---	CHROME	---	12
CM	PCL COIN METER SHOWER KIT CW/ ELECTRONIC ACCUMULATIVE METER, TRANSFORMER AND SOLENOID VALVE	---	---	---	---	---	---	---	---	12

NOTE: ALL PRODUCT SPECIFIED ARE TO BE USED AS A GUIDE LINE. GENERAL CONTRACTOR TO PROVIDE EQUAL TO OR BETTER SPECIFICATIONS FOR ALL FIXTURES TO PARKS CANADA FOR APPROVAL.

NOTE: ALL WASHROOM HAND DRYERS, TOILET PAPER DISPENSERS AND SOAP DISPENSERS TO BE SUPPLIED BY OWNER AND INSTALL BY CONTRACTOR

Date	Revision
17/01/10	REVISIONS
17/01/30	100% SUBMISSION
17/02/30	ISSUE FOR TENDER





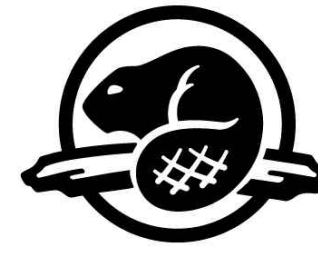
102 - 27 PRINCESS ST., LEAMINGTON, ON N8H 2X8 1.844.842.9188
 1000 - 267 PELISSIER ST., WINDSOR, ON N9A 4K4 519.326.6161

A DIVISION OF MATTHEW J. BAIRD CONSULTING SERVICES INC.



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POINT PELEE NATIONAL PARK CAMP HENRY RENEWAL

POINT PELEE NATIONAL PARK

LEAMINGTON, ON

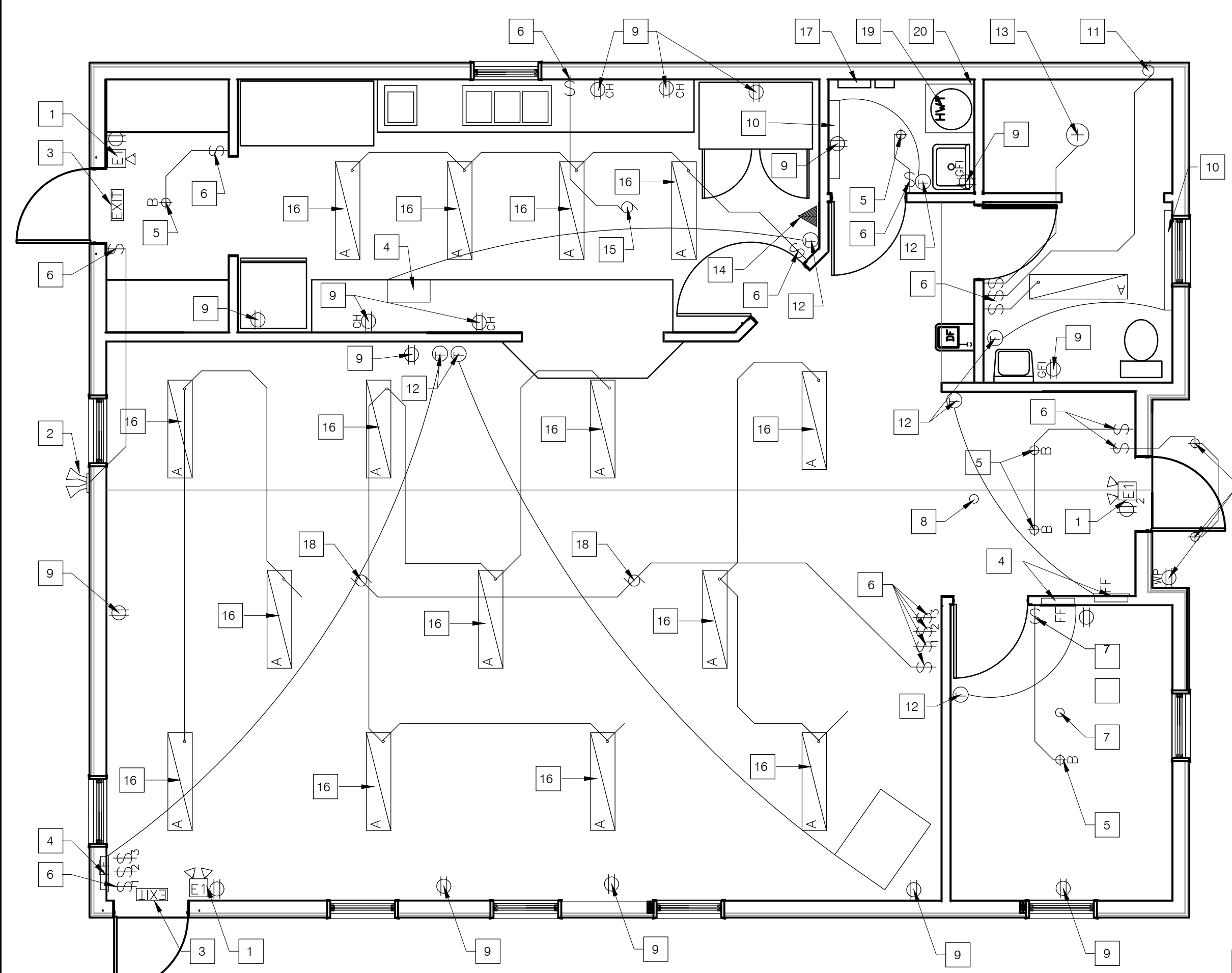
LIST OF DRAWINGS

- i Cover Page
- S1 General Notes, Footing Schedule & Details
- S2 Foundation Plans & Details
- S3 Mess Hall Foundation Plan
- S4 Framing Plans & Details
- S5 Mess Hall Framing Plan
- S6 Mess Hall Roof Framing Plan
- S7 Truss Schedule (Mess Hall)
- M1 Plumbing & Hvac General Notes
- M2 Radiant Floors Heating Plans
- M3 Mechanical Hvac Plans
- M4 Drainage Plans
- M5 Gas Piping Plan
- M6 Mechanical Specifications
- M7 Plumbing Fixture Schedule
- M8 Plumbing Fixture Schedule
- M9 Plumbing Fixture Schedule
- M10 Plumbing Fixture Schedule
- E1 Electrical Demolitions Plan
- E2 Electrical Plans
- E3 Light Fixture Schedule
- E4 Light Fixture Schedule
- C1 Removal Plan
- C2 Grading Plan
- C3 Sanitary Servicing Plan
- C4 Water Servicing Plan
- C5 Gas Servicing Plan
- C6 Hydro Servicing Plan

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
2. NOTIFY DEPARTMENTAL REPRESENTATIVE IF ANY DISCREPANCY WAS FOUND BETWEEN THESE NOTES AND THE SPECIFICATIONS.
3. ALL WORK IS TO CONFORM TO THE NBC (NATIONAL BUILDING CODE OF CANADA) 2010 EDITION AND TO THE LATEST VERSION OF ALL APPLICABLE CODES AND BY-LAWS.
4. IN CASE OF CONFLICTING INFORMATION BETWEEN CONTRACT DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT SHALL GOVERN OR CONTRACTOR MUST SEEK CLARIFICATION IN WRITING FROM DEPARTMENTAL REPRESENTATIVE.
5. BEFORE PROCEEDING WITH WORK, CHECK ALL DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND REPORT DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE. REFER TO THE ARCHITECTURAL AND OTHER DRAWINGS FOR LOCATION AND DIMENSIONS OF OPENINGS AND SLEEVES NOT SHOWN ON THE STRUCTURAL DRAWINGS. HOWEVER, OBTAIN THE DEPARTMENTAL REPRESENTATIVE APPROVAL BEFORE INSTALLING OPENINGS AND SLEEVES WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS.
6. SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF PITS, BASES, SUMPS, TRENCHES, DEPRESSIONS, GROOVES AND CHAMFER NOT SHOWN ON STRUCTURAL DRAWINGS.
7. ALL DIMENSIONS GIVEN ON STRUCTURAL DRAWINGS ARE IN METRIC SYSTEM UNLESS OTHERWISE NOTED. DO NOT SCALE THESE DRAWINGS.
8. THE CONTRACTOR WILL FACILITATE ALL MATERIAL TESTING REQUIRED BY THE ARCHITECT AND ENGINEER, PARKS CANADA AGENCY TO COVER AND GENERAL CONTRACTOR TO ORGANIZE AND CO-ORDINATE.
9. NATIONAL PARK - THE PROJECT IS LOCATED IN A NATIONAL PARK OF CANADA, THEREFORE STANDARDS FOR ENVIRONMENTAL PROTECTION AND FOR VISUAL AESTHETICS OF FINAL PRODUCT SHALL BE OF A QUALITY STANDARD. CONTRACT LIMITS SHALL BE STRICTLY ADHERED TO AND CONTRACTOR IS TO TAKE SPECIAL CARE TO MINIMIZE DAMAGE AND DISTRIBUTION AND PROTECT EXISTING FEATURES. THE DEPARTMENTAL REPRESENTATIVE OR DESIGNATE IS TO BE NOTIFIED IMMEDIATELY IF ANY NATURAL RESOURCES ARE LOCATED DURING CONSTRUCTION.

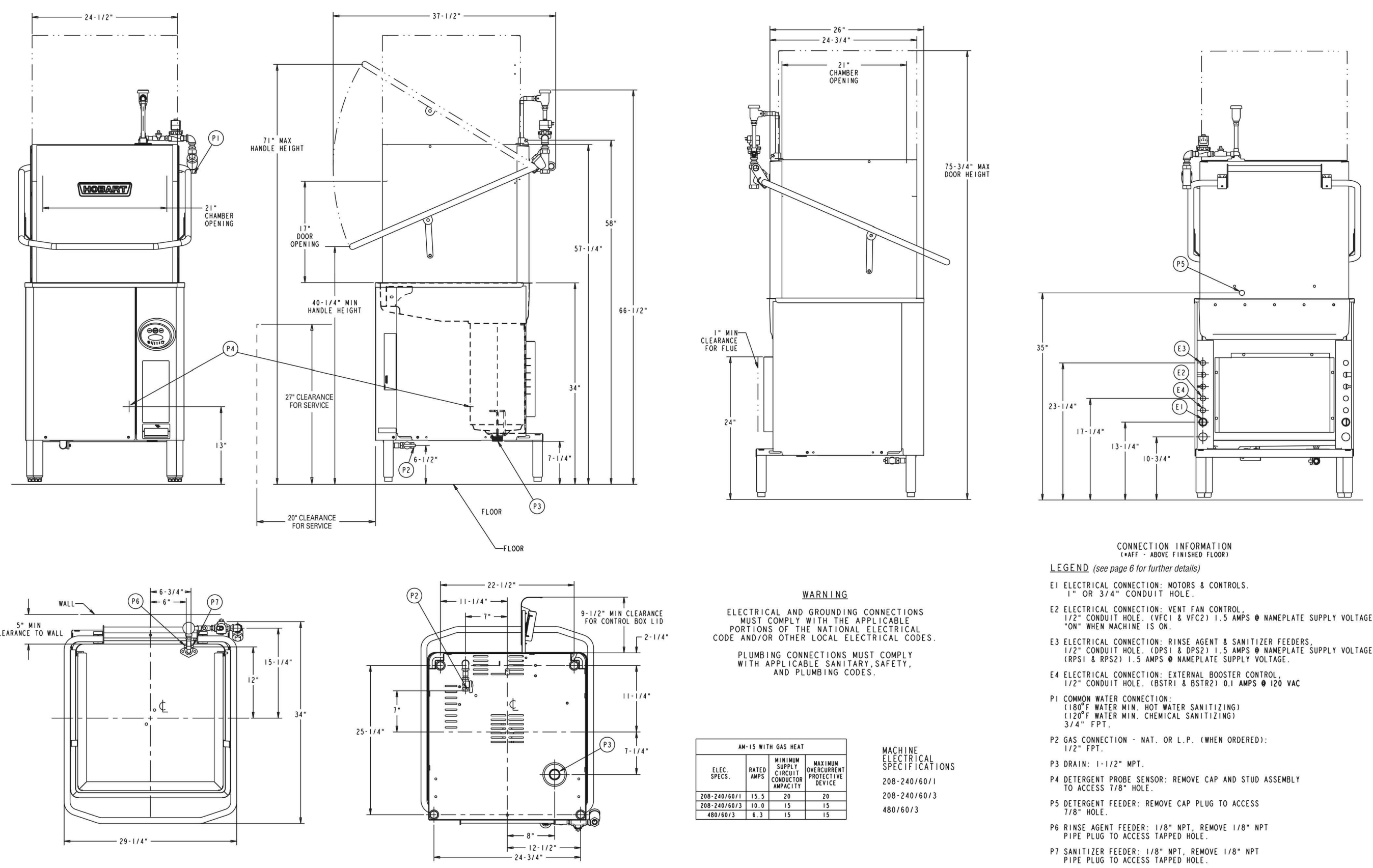
DEMOLITION NOTES	
TYPE	DESCRIPTION
1	REMOVE EXISTING EMERGENCY / EXIT LIGHT UNIT c/w DUPLEX OUTLET. REMOVE WIRING TO SOURCE.
2	REMOVE EXISTING EXTERIOR LIGHT c/w WIRING BACK TO SOURCE.
3	REMOVE EXISTING EXIT SIGN c/w WIRING BACK TO SOURCE.
4	REMOVE EXISTING RECESSED FORCE FLOW HEATER c/w WIRING BACK TO SOURCE.
5	REMOVE EXISTING SURFACE MOUNTED LIGHT FIXTURE c/w ROUGH-IN BOX AND WIRING BACK TO SOURCE.
6	REMOVE EXISTING LIGHT SWITCH c/w ROUGH-IN BOX AND WIRING BACK TO SOURCE.
7	REMOVE EXISTING SMOKE ALARM c/w WIRING BACK TO SOURCE.
8	REMOVE EXISTING CARBON MONOXIDE DETECTOR c/w WIRING BACK TO SOURCE.
9	REMOVE EXISTING DUPLEX OUTLET c/w WIRING BACK TO SOURCE.
10	REMOVE EXISTING BASEBOARD HEATER c/w WIRING BACK TO SOURCE.
11	REMOVE EXISTING EXHAUST FAN c/w WIRING BACK TO SOURCE.
12	REMOVE EXISTING THERMOSTAT c/w LOW VOLTAGE WIRING BACK TO SOURCE.
13	REMOVE EXISTING SURFACE MOUNTED LIGHT FIXTURE c/w ROUGH-IN BOX & WIRING BACK TO SOURCE.
14	REMOVE EXISTING TELEPHONE OUTLET c/w JUNCTION BOX & WIRING BACK TO SOURCE.
15	REMOVE EXISTING EXHAUST FAN c/w EXHAUST DUCT & VENT CAP & WIRING BACK TO SOURCE.
16	REMOVE EXISTING SURFACE MOUNTED FLUORESCENT LIGHT c/w ROUGH-IN BOX & WIRING BACK TO SOURCE.
17	DISCONNECT EXISTING 200 AMP SUPPLY & REMOVED EXISTING SHUT-OFF & PANEL. ENSURE ALL ELECTRICAL ITEMS TO BE REMOVED ARE DISCONNECTED.
18	REMOVE EXISTING CEILING FAN c/w JUNCTION BOX & ALL WIRING BACK TO SOURCE.
19	DISCONNECT ELEC. HOT WATER TANK & REMOVE WIRING BACK TO SOURCE.
20	DISCONNECT & REMOVE HRV INCLUSIVE OF ALL DUCTWORK, THRU-WALL VENT KIT, DUCT HEATER & ALL WIRING BACK TO SOURCE.



ELECTRICAL DEMOLITION PLAN
SCALE: 1:50

AM SELECT DISHWASHER - GAS

HOBART
701 S Ridge Avenue, Troy, OH 45374
1-888-4HOBART • www.hobartcorp.com



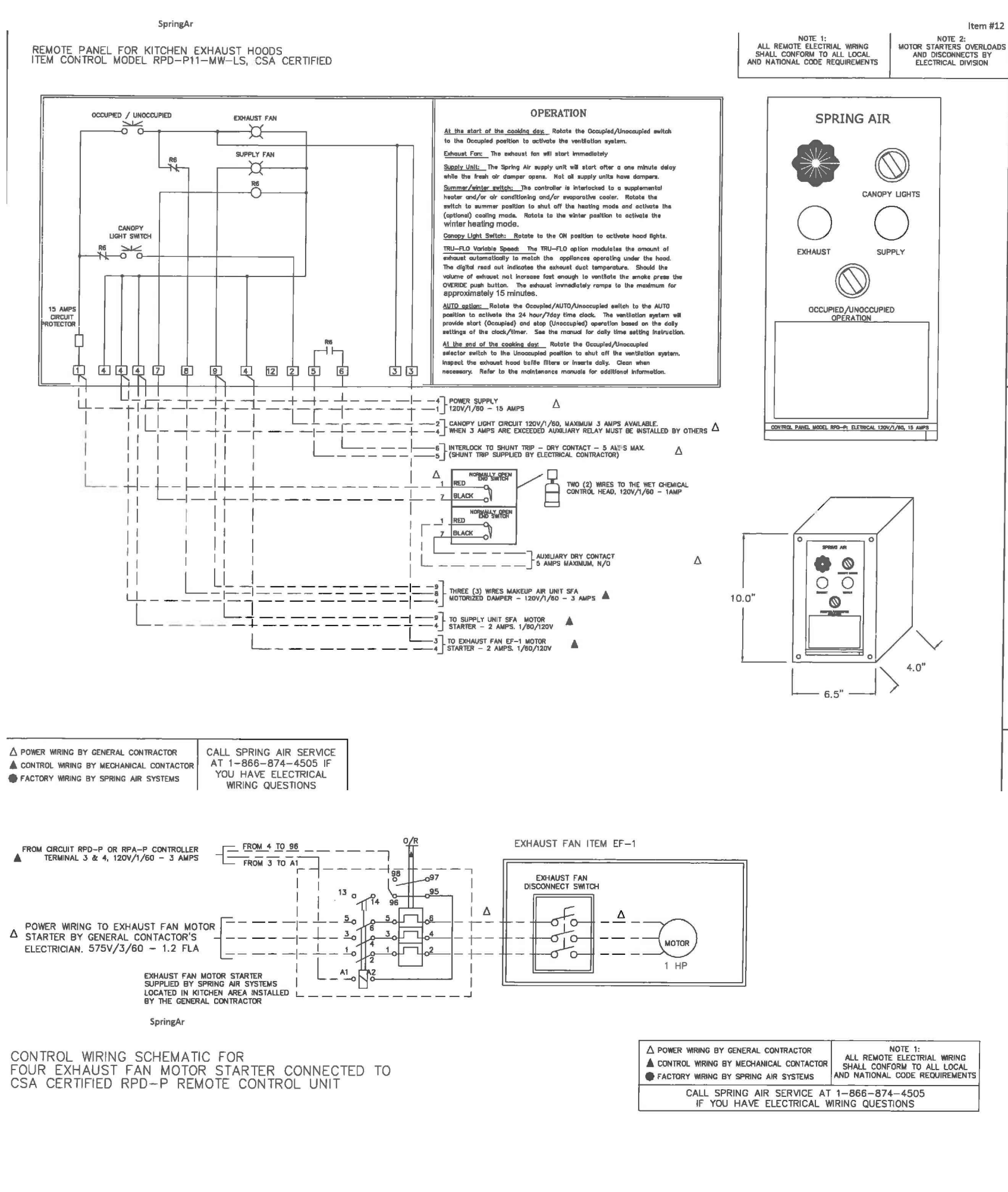
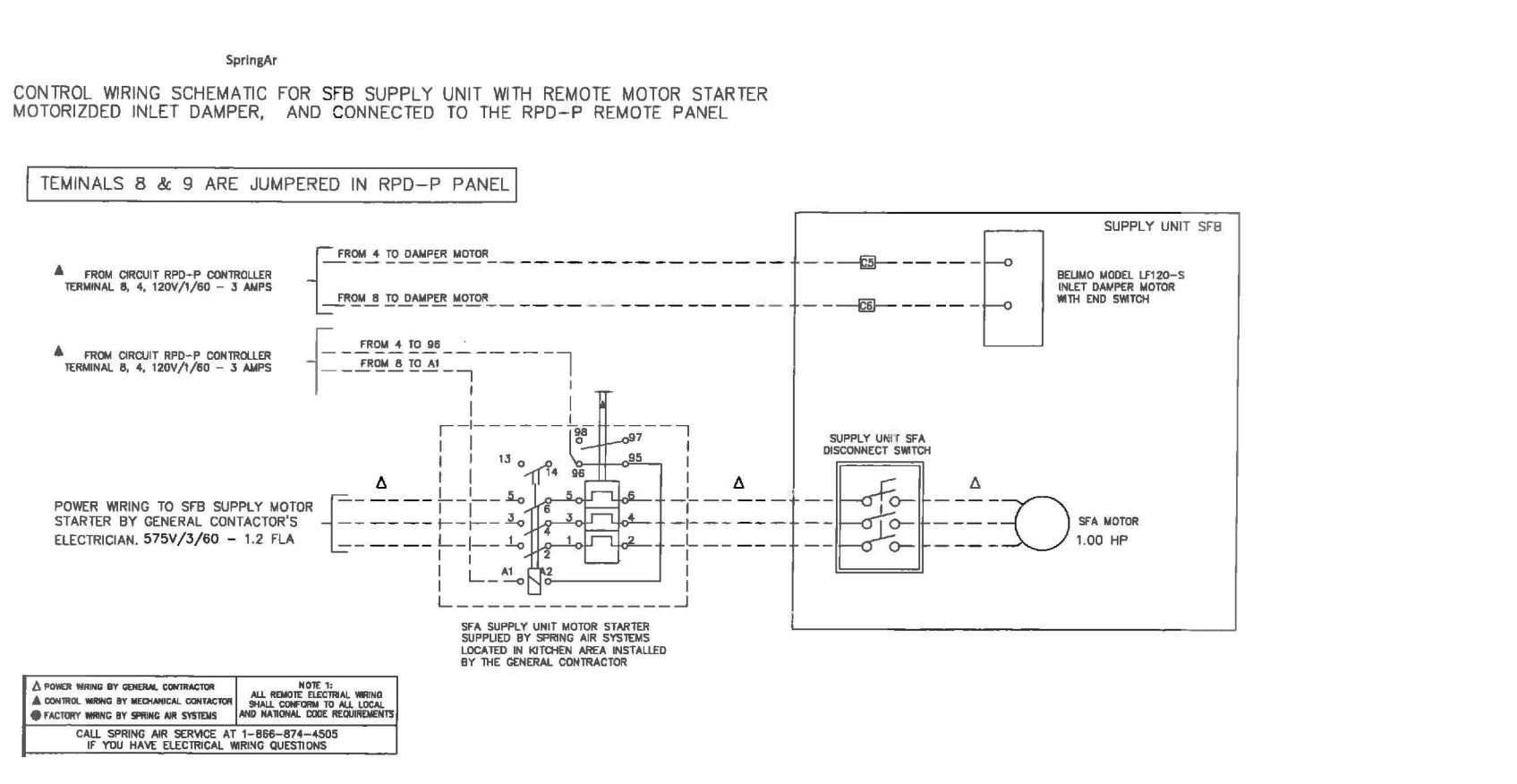
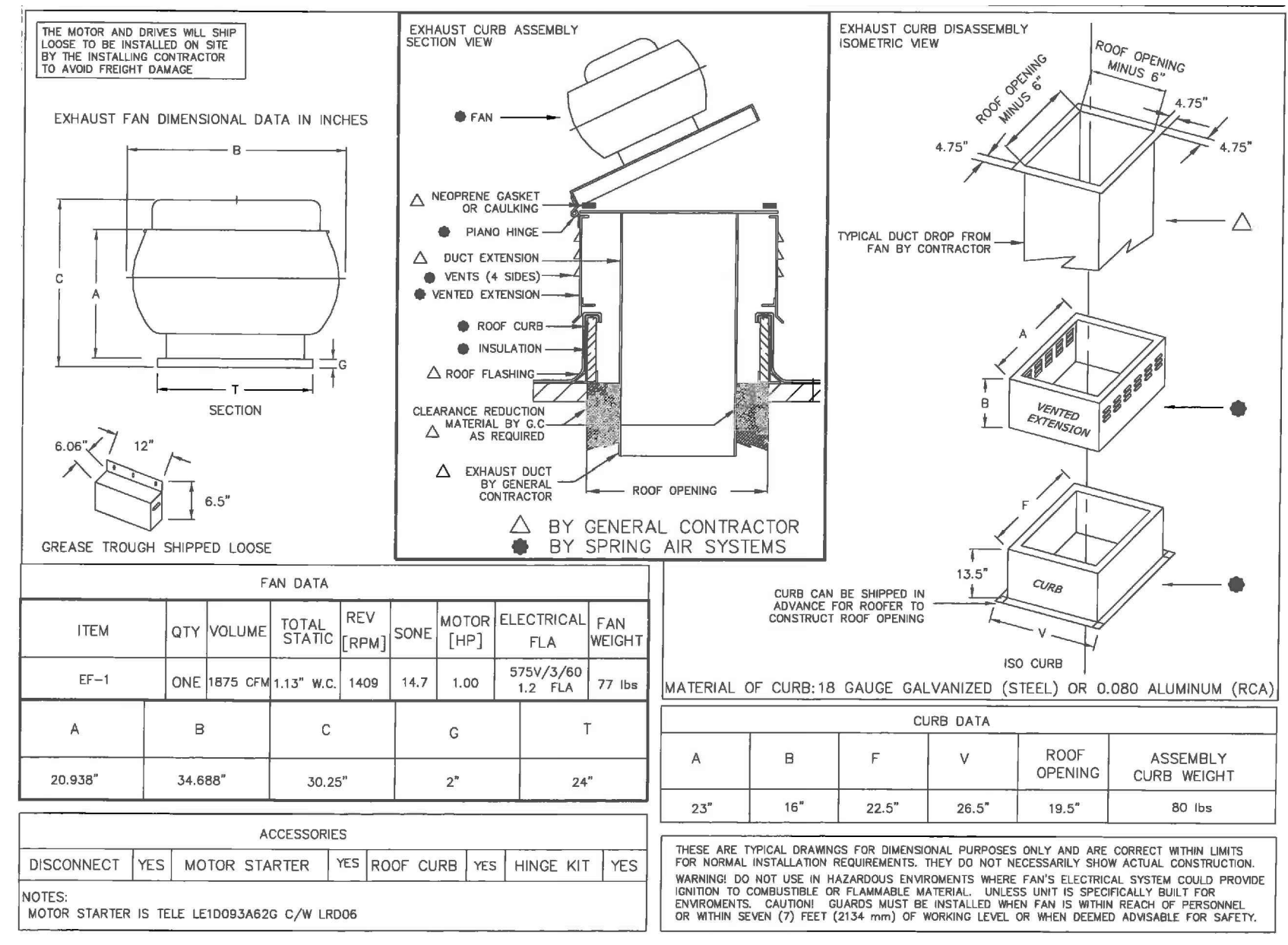
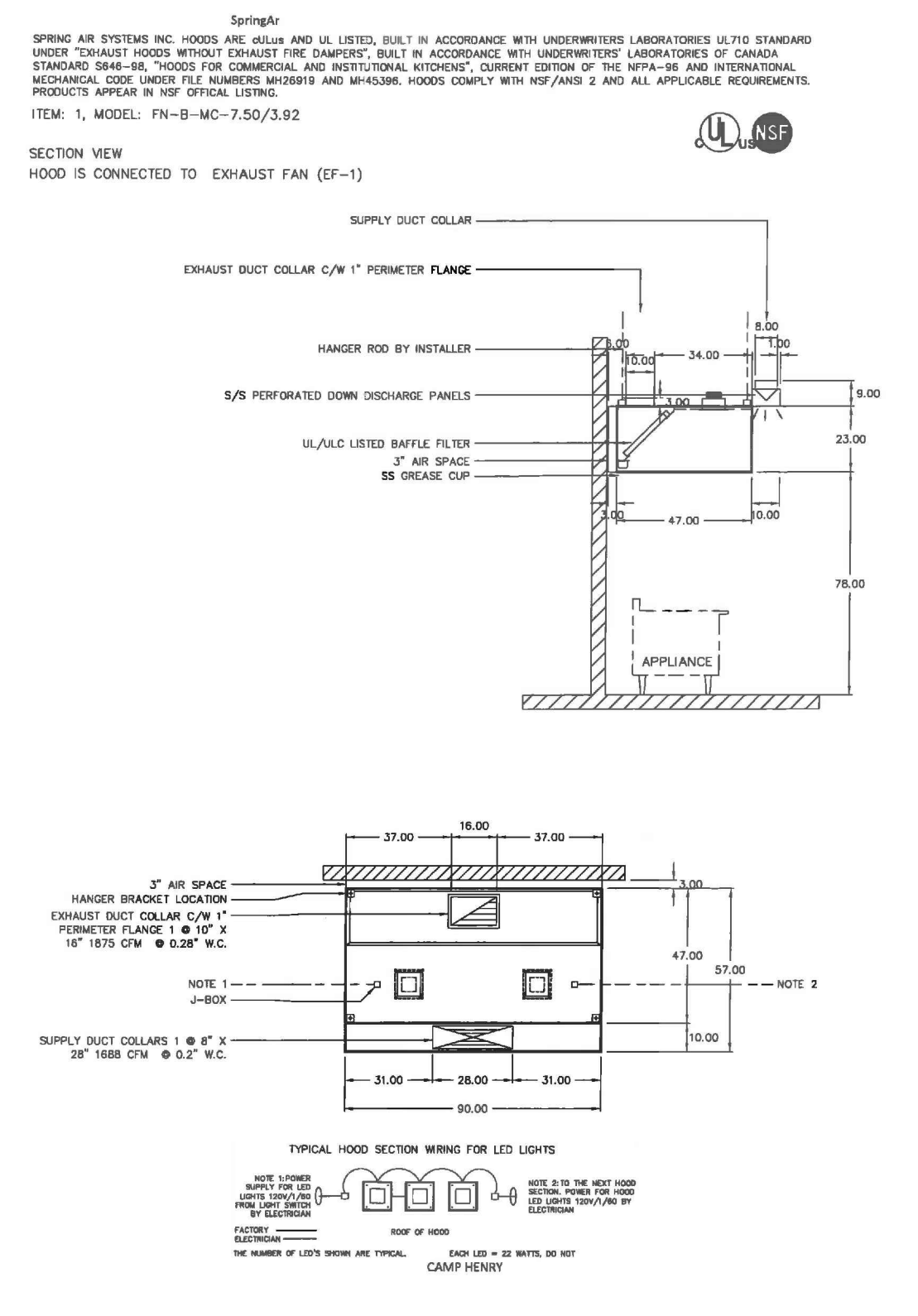
COMMERCIAL AIR MAKE UP UNIT
MODEL NO. SFA10-OHD ITEM MJA-1

SEA UNIT
MODEL NO. SFA10-OHD
MOTOR HORSEPOWER: 1 HP
SUPPLY VOLTAGE: 277V / 3
EXTERNAL STATIC PRESSURE: 0.17 kPa
SPIN: 1255 RPM
HEATING CAPACITY: 870k BTU/Hr (INRUT) 150000
CONTROL VOLTAGE: 120V/60
FULL LOAD AMPS: 1.2 FLA
MOTOR VOLTAGE: 277V/3/60
SERIAL NO.: Hxxxxx

ENGINEERING DATA:

1. MODEL NO.	SFA10-OHD
2. WEIGHT	825 LBS
3. LOCATION	OUTDOOR
4. ARRANGEMENT	CURB MOUNTED
5. SUPPLY VOLTAGE	YES/277V
6. STATIC PRESSURE	0.17 kPa
7. SUPPLY FAN	YES/277V
8. SUPPLY FAN MOTOR: OPEN DRIP PROOF	1 HP 277V/3/60
9. SUPPLY FAN MOTOR	1 HP 277V/3/60
10. SUPPLY FILTERS: 2" PLEATED FILTERS	1 24" X 24" X 24"
11. GAS HEATER: MODEL NUMBER	N/A
12. TEMPERATURE CONTROL:	N/A
13. REMOTE SWITCH:	N/A
14. DISCONNECT SWITCH:	N/A
15. DAMPERS:	N/A
16. UNHEATED SUPPLY AIR DISCHARGE:	N/A
17. HEATING SUPPLY AIR DISCHARGE:	N/A
18. DAMPER MOTOR CONTROL:	N/A
19. INLET COIL WITH FILTERS:	N/A
20. FAN ISOLATION:	N/A
21. AIRFLOW ADJUSTMENT:	N/A
22. THRU-ROOF DAMPER MOTOR:	N/A
23. COMPRESSOR CONDENSOR:	N/A
24. DISCONNECT SWITCH:	N/A
25. COOLING CAPACITY:	N/A
26. EXAP COOLING UNIT:	N/A

SPRING AIR HOOD SYSTEM ELECTRICAL SPECIFICATIONS



BAIRD | AE
architecture + engineering

102 - 27 PRINCESS ST., LEAMINGTON ON N8R 2W8 1-844-842-9188
1000 - 267 PEELISSER ST., WINDSOR ON N9A 4K4 519-326-6161
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Date	Revision
17/01/10	REVISIONS
17/01/30	100% SUBMISSION
17/02/30	ISSUE FOR TENDER

POINT PEELE NATIONAL PARK CAMP HENRY
POINT PEELE LEAMINGTON ONTARIO

ELECTRICAL DEMOLITION PLAN

PROJECT TITLE: POINT PEELE NATIONAL PARK CAMP HENRY
SHEET TITLE: ELECTRICAL DEMOLITION PLAN
PROJECT NO: 16-004
SHEET NO: E1

LIGHT FIXTURE SCHEDULE

BEGA Product:

Housing: One piece die-cast aluminum supplied with universal mounting bracket for direct attachment to 3/16" or 4" wiring box.
Enclosure: One piece die-cast aluminum cover frame, secured by captive socket head, stainless steel screws threaded into stainless steel inserts. Interior of lamp compartment painted glass white. Clear safety glass. Fully gasketed for weather tight operation using a molded silicone rubber gasket. Pure anodized aluminum reflector.
Electrical: 13W LED luminaire. 16 total system watts, 30° C start temperature. Integral 120V - 277V electronic LED Driver. 0-10V dimming. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI), add suffix K4 to order.
Note: Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.
Finish: Available in four standard BEGA colors: Black (BLK), White (WHT), Bronze (BRZ), Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.
CBA certified to U.S. and Canadian standards. Protection class: IP64.
Weight: 3.3 lbs.



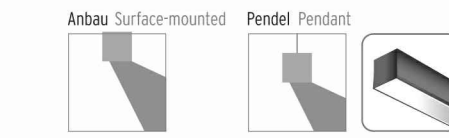
Luminaire Lumens: 470
 Tested in accordance with LM-79-09



Fixed light distribution			
Lumens	A	B	C
3942 LED	13W LED	4%	7% 4%

LIGHT FIXTURE F-1

Stand-alone luminaire Continuous row system



XOUMINAIRE™ 9999 - AW



- 1 x 34° Asymmetrischer, breiter Reflektor
- Leicht breite, asym. Lichtverteilung zur Beleuchtung einer vertikalen Fläche (Wand/Regal) bei homogener Helligkeitsverteilung ohne sichtbare Lampe
- Präzise Aluminium-Reflektor-Optik Wandfluter mit 1 x 34° asymmetrisch
- 79 % Optik-Effizienz
- 1 x 34° Asymmetric wide reflector
- Slightly wide, asym. light distribution for illuminating one vertical surface (wall / shelf) with a homogeneous distribution of brightness without a visible lamp
- Precise aluminium reflector optic wall washer with 1 x 34° asymmetric
- 79 % Optic efficiency

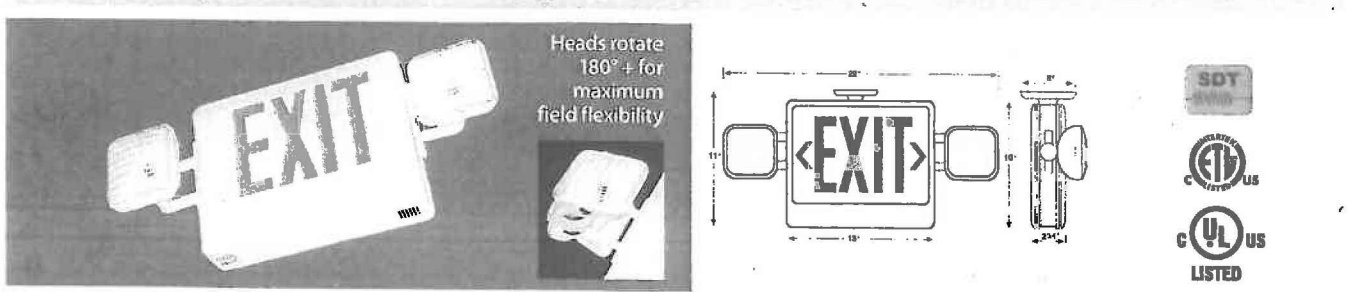
High Efficiency (HE)

- up to 1.910 lm/m
- 112 lm/W

Bestellmatrix																				
Konfigurieren Sie sich Ihre Standardleuchte und kompletieren Sie die Bestellnummer um die noch offenen Stellen.						Order matrix														
Configure your standard luminaire by completing the order code by the digits not yet defined.																				
Schutzart	Montageort	Profilfarbe	Profil	Optik	Wm	lm/m*	Helligkeit	Farbtemp. (K)	Steuerung	Spannung (V)	Gesamtlänge (mm)									
Protection	Mounting	Profile color	Profile	Optic	Wm	lm/m*	Light int.	Color temp. (K)	Control	Voltage (V)	Total length (mm)									
Indoor	I	Ceiling	C	Silver	S	9 9 9 9	A W	17	1910	H E	3 000 K	3 0	on/off	A	230	E	142	1 4	1 2	
		Pendant	P	Black	B				34	3100	H D	4 000 K	4 0	1-10 V	B	90 - 305	W	282	2 8	2 1
				White	W					C	110	U	4230	D				4 2	3 0	
													Switch DIM	D						
						9 9 9 9	A W													

LIGHT FIXTURE F-2

18201 Exit/Emergency Lighting Combo



FEATURES					
Universal mounting canopy for top installation.	6-volt pure lead, maintenance-free battery.	Push-to-test switch.	Automatic low-voltage disconnect (LVD), 120 or 277 VAC operation.	V-0 flame-retardant, high impact, thermoplastic housing.	Fully adjustable glare-free lighting heads.
Energy consumption: >4W for red letters, >5W for green.	LED lamp life of 25+ years.	Larger emergency battery for remote capacity.	Damp location listed.		

ORDERING					
Product No.	Housing Color	Lettering Color	No. Faceplates	Remote Capable	
18201	White	Red	2	No	
18201GRN	White	Green	2	No	
18201WR	White	Red	2	Yes	
18201GWR	White	Green	2	Yes	
18201BKG	Black	Green	1	No	
18201DGB	Black	Green	2	No	
18201SGBR	Black	Green	1	Yes	
18201DGBR	Black	Green	2	Yes	
18201SRB	Black	Red	1	No	
18201DRB	Black	Red	2	No	
18201SRBR	Black	Red	1	Yes	
18201DRBR	Black	Red	2	Yes	

LIGHT FIXTURE F-3

Lumen Garniture ECO ² DEL											
Eclairage CONTRASTE											
MODÈLE	WATTAGE	EQUIVALENT	VOLTAGE	COULEUR (K)	LUMEN	DURÉE / HEURES	COULEUR	FAISCEAU	DIAMÈTRE	OUVERTURE DE PERÇAGE	
CONECO2L3A01380W	9	50W, MR16	120	3 000	3 000	732	50 000	Blanc	54 degrés	3 1/2 po.	3 5/8 po.
CONECO2L3C01380W*	9	35W, MR16	120	3 000	448	50 000	Blanc	54 degrés	3 1/2 po.	3 5/8 po.	
CONECO2L3A01AN380W	9	50W, MR16	120	3 000	706	50 000	Blanc	54 degrés	3 1/2 po.	3 5/8 po.	
CONECO2L3A04BR380W	9	50W, MR16	120	3 000	732	50 000	Chrome brossé	54 degrés	3 1/2 po.	3 5/8 po.	
CONECO2L3C04BR380W*	9	35W, MR16	120	3 000	448	50 000	Chrome brossé	54 degrés	3 1/2 po.	3 5/8 po.	
CONECO2L3D04BRAN380W	9	50W, MR16	120	3 000	706	50 000	Chrome brossé	54 degrés	3 1/2 po.	3 5/8 po.	
CONECO2L3A12BR380W	9	50W, MR16	120	3 000	732	50 000	Étain brossé	54 degrés	3 1/2 po.	3 5/8 po.	
CONECO2L3C12BR380W*	9	35W, MR16	120	3 000	448	50 000	Étain brossé	54 degrés	3 1/2 po.	3 5/8 po.	
CONECO2L3D12BRAN380W	9	50W, MR16	120	3 000	706	50 000	Étain brossé	54 degrés	3 1/2 po.	3 5/8 po.	

* Garniture de douche / approuvé pour endroit mouillé

LIGHT FIXTURE F-5

18102 Compact Emergency Lighting

FEATURES
 Completely self-contained, fully automatic operation.
 Compact low-profile design in neutral finish.
 Universal mounting plate w/ Quick Connect for rapid installation.
 Push-to-test switch.
 6-volt pure lead maintenance-free battery.
 Environmentally-coated solid state charger.
 Automatic low voltage disconnect (LVD).
 Universal transformer for 120 or 277 VAC.
 V-0 flame retardant, high-impact thermoplastic housing.

Charge rate/power-on LED indicator light.
 Operation time - 90 minutes.
 Lamp - 2X5-4W.
 Warranty - yes.
 Damp location listed.

ORDERING
 Product No. Housing Color
 18102 White
 * 18102BK Black

LIGHT FIXTURE F-6

PHILIPS LEDALITE Linear BoldPlay Wall LED

4400 lm/4ft 65% Up, Assym.
 3000/3500/4000K

Project:
 Spec Type:
 Catalog No: 7808LVCQN
 Qty:
 Line Notes:

Ordering guide

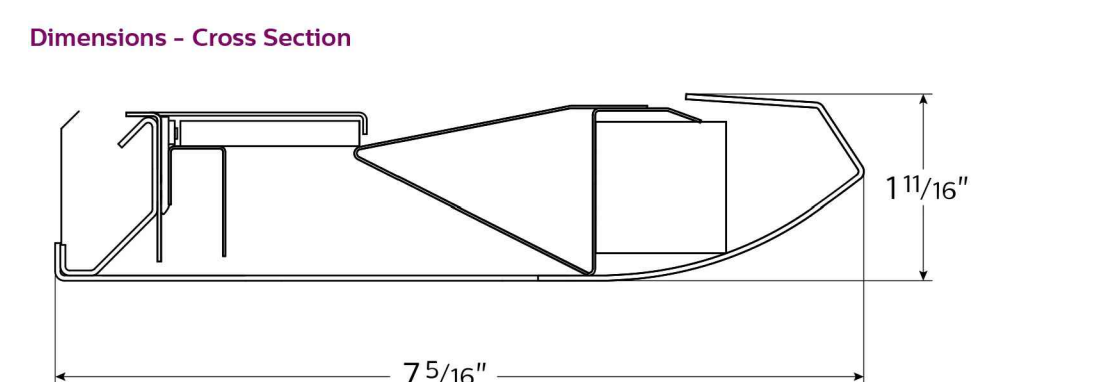
Product Type	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring †	Voltage	Driver	Finish
BoldPlay Wall Direct/Ind	L LED	A 4000K B 3000K C 3000K	C 4400lm/4ft E 3400lm/4ft G 2500lm/4ft	Q Mix Optics/Lens	N Lightguide	0 ft * 0 ft * XX Total run length (if necessary)	1 120V * 2 277V 3 300V	1 120V * 2 277V 3 300V	E Philips Advance	W Standard White T Titanium Silver B Black * C Custom

* Nominal values within a range. Down kits reduce output & efficacy. Consult photometry data for exact color temp, lumens & distribution.
 † Not all wiring types are available with all configurations. Consult factory for complete list of available options.

Mounting Hardware
 Wall Mount Type
 Consult separate mounting spec sheet for mount type options

Endcaps: Gloss black flat, Solid flat, Gloss white flat

Integrated Controls: Please indicate with check mark. No Options Available



LIGHT FIXTURE F-7

PHILIPS LEDALITE Linear BoldPlay Suspended LED

6500 lm/4ft w/ 80% Down Kit*
 3000/3500/4000K

Project:
 Spec Type:
 Catalog No: 7806LXAQG
 Qty:
 Line Notes:

Ordering guide

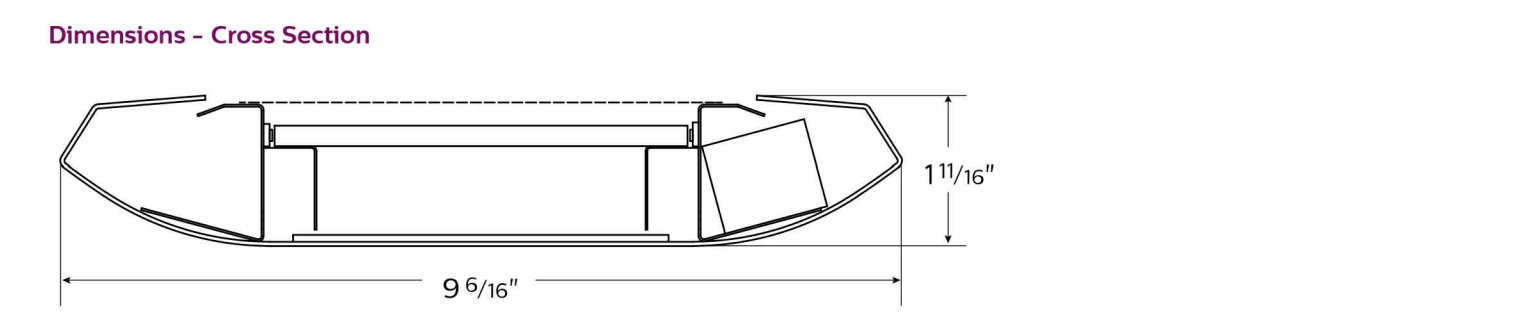
Product Type	Source	Color Temp *	Lumens *	Lower Optics	Upper Optics	Run Length	Wiring †	Voltage	Driver	Finish
BoldPlay Direct/Indirect LED	L LED	A 4000K * B 3000K C 3000K	A 6500lm/4ft * C 4600lm/4ft E 3400lm/4ft	Q Mix Optics/Lens	N Lightguide O 270DownKit G 80%DownKit J 100%DownKit	0 ft * 0 ft * XX Total run length (if necessary)	1 120V * 2 277V 3 300V	1 120V * 2 277V 3 300V	E Philips Advance	W Standard White T Titanium Silver B Black * C Custom

* Nominal values within a range. Down kits reduce output & efficacy. Consult photometry data for exact color temp, lumens & distribution.
 † Not all wiring types are available with all configurations. Consult factory for complete list of available options.

Mounting Hardware
 Mount Type
 Consult separate mounting spec sheet for mount type options

Endcaps: Sculpted, Gloss white flat, Gloss black flat *, Solid flat

Integrated Controls: Please indicate with check mark. Response Daylight Single Zone (DS)



LIGHT FIXTURE F-8

dals Applique Murale

DALEDWALL001, DALEDWALL002, DAL1010LEDRA1, DAL1012LEDRA2, DAL10142LEDRA1, DAL10162LEDRA2

MODÈLE	WATTAGE	EQUIVALENT	VOLTAGE	COULEUR (K)	LUMEN	DURÉE / HEURES	COULEUR BOÎTIER
DALEDWALL001BK*	7,5	60W, Incandescent	120	3 000	600	50 000	Noir

LIGHT FIXTURE F-4

NOTE: ALL PRODUCT SPECIFIED ARE TO BE USED AS A GUIDE LINE. GENERAL CONTRACTOR TO PROVIDE EQUAL TO OR BETTER SPECIFICATIONS FOR ALL FIXTURES TO PARKS CANADA FOR APPROVAL.

NOTE: ALL WASHROOM HAND DRYERS, TOILET PAPER DISPENSERS AND SOAP DISPENSERS TO BE SUPPLIED BY OWNER AND INSTALL BY CONTRACTOR

NOT FOR CONSTRUCTION

Date	Revision
17/01/10	REVISIONS
17/01/30	100% SUBMISSION
17/02/30	ISSUE FOR TENDER





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POINT PELEE NATIONAL PARK CAMP HENRY RENEWAL

POINT PELEE NATIONAL PARK

LEAMINGTON, ON

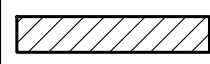

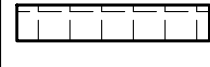
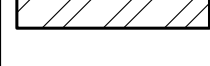
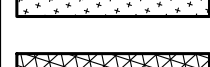

LIST OF DRAWINGS

- i Cover Page
- S1 General Notes, Footing Schedule & Details
- S2 Foundation Plans & Details
- S3 Mess Hall Foundation Plan
- S4 Framing Plans & Details
- S5 Mess Hall Framing Plan
- S6 Mess Hall Roof Framing Plan
- S7 Truss Schedule (Mess Hall)
- M1 Plumbing & Hvac General Notes
- M2 Radiant Floors Heating Plans
- M3 Mechanical Hvac Plans
- M4 Drainage Plans
- M5 Gas Piping Plan
- M6 Mechanical Specifications
- M7 Plumbing Fixture Schedule
- M8 Plumbing Fixture Schedule
- M9 Plumbing Fixture Schedule
- M10 Plumbing Fixture Schedule
- E1 Electrical Demolitions Plan
- E2 Electrical Plans
- E3 Light Fixture Schedule
- E4 Light Fixture Schedule
- C1 Removal Plan
- C2 Grading Plan
- C3 Sanitary Servicing Plan
- C4 Water Servicing Plan
- C5 Gas Servicing Plan
- C6 Hydro Servicing Plan

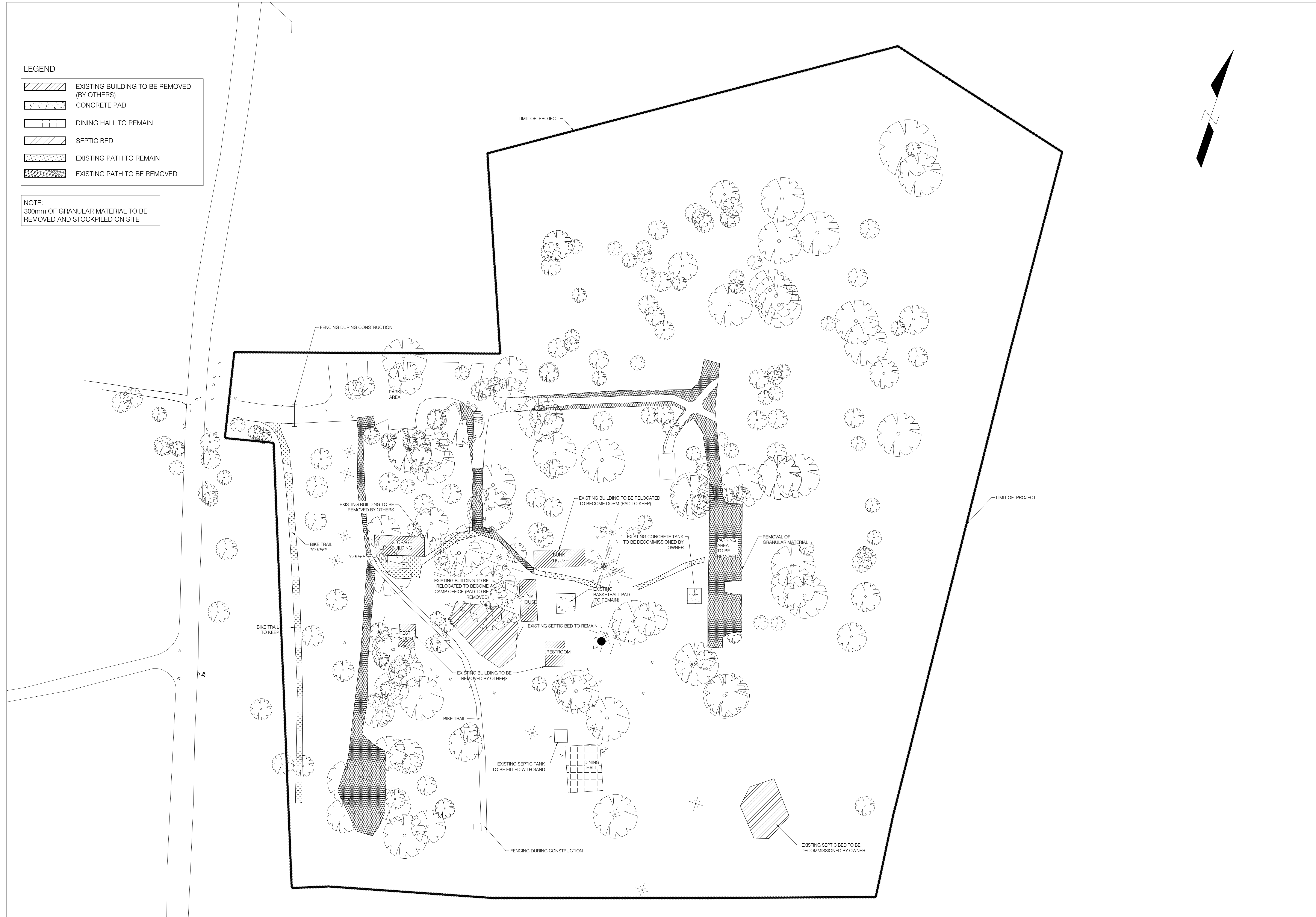
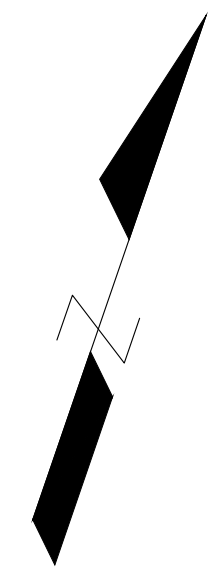
GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
2. NOTIFY DEPARTMENTAL REPRESENTATIVE IF ANY DISCREPANCY WAS FOUND BETWEEN THESE NOTES AND THE SPECIFICATIONS.
3. ALL WORK IS TO CONFORM TO THE NBC (NATIONAL BUILDING CODE OF CANADA) 2010 EDITION AND TO THE LATEST VERSION OF ALL APPLICABLE CODES AND BY-LAWS.
4. IN CASE OF CONFLICTING INFORMATION BETWEEN CONTRACT DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT SHALL GOVERN OR CONTRACTOR MUST SEEK CLARIFICATION IN WRITING FROM DEPARTMENTAL REPRESENTATIVE.
5. BEFORE PROCEEDING WITH WORK, CHECK ALL DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND REPORT DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE. REFER TO THE ARCHITECTURAL AND OTHER DRAWINGS FOR LOCATION AND DIMENSIONS OF OPENINGS AND SLEEVES NOT SHOWN ON THE STRUCTURAL DRAWINGS. HOWEVER, OBTAIN THE DEPARTMENTAL REPRESENTATIVE APPROVAL BEFORE INSTALLING OPENINGS AND SLEEVES WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS.
6. SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF PITS, BASES, SUMPS, TRENCHES, DEPRESSIONS, GROOVES AND CHAMFER NOT SHOWN ON STRUCTURAL DRAWINGS.
7. ALL DIMENSIONS GIVEN ON STRUCTURAL DRAWINGS ARE IN METRIC SYSTEM UNLESS OTHERWISE NOTED. DO NOT SCALE THESE DRAWINGS.
8. THE CONTRACTOR WILL FACILITATE ALL MATERIAL TESTING REQUIRED BY THE ARCHITECT AND ENGINEER, PARKS CANADA AGENCY TO COVER AND GENERAL CONTRACTOR TO ORGANIZE AND CO-ORDINATE.
9. NATIONAL PARK - THE PROJECT IS LOCATED IN A NATIONAL PARK OF CANADA, THEREFORE STANDARDS FOR ENVIRONMENTAL PROTECTION AND FOR VISUAL AESTHETICS OF FINAL PRODUCT SHALL BE OF A QUALITY STANDARD. CONTRACT LIMITS SHALL BE STRICTLY ADHERED TO AND CONTRACTOR IS TO TAKE SPECIAL CARE TO MINIMIZE DAMAGE AND DISTRIBUTION AND PROTECT EXISTING FEATURES. THE DEPARTMENTAL REPRESENTATIVE OR DESIGNATE IS TO BE NOTIFIED IMMEDIATELY IF ANY NATURAL RESOURCES ARE LOCATED DURING CONSTRUCTION.

LEGEND

	EXISTING BUILDING TO BE REMOVED (BY OTHERS)
	CONCRETE PAD
	DINING HALL TO REMAIN
	SEPTIC BED
	EXISTING PATH TO REMAIN
	EXISTING PATH TO BE REMOVED

NOTE:
300mm OF GRANULAR MATERIAL TO BE REMOVED AND STOCKPILED ON SITE



Date	Revision
16/11/03	ARCHITECTS
16/12/15	ENGINEER
17/02/13	ISSUED FOR TENDER

DATE: OCT. 27, 2016



POINT PELEE NATIONAL PARK CAMP HENRY
POINT PELEE LEAMINGTON ONTARIO
REMOVAL PLAN

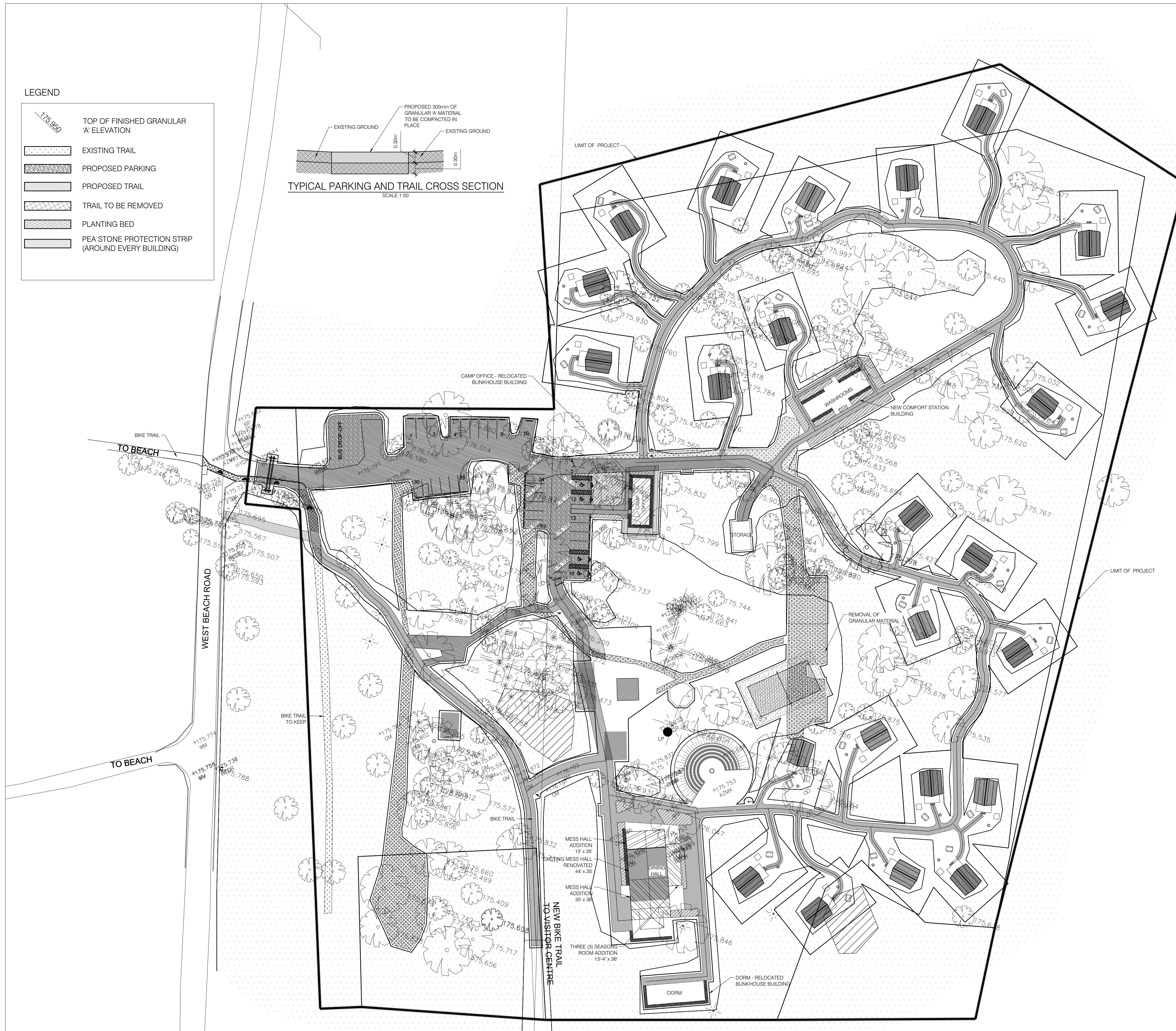
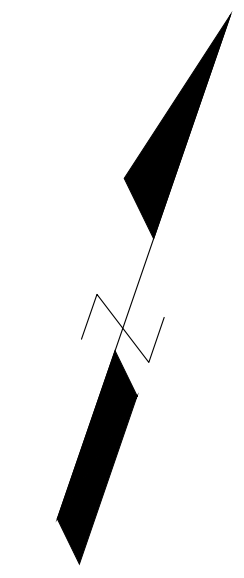
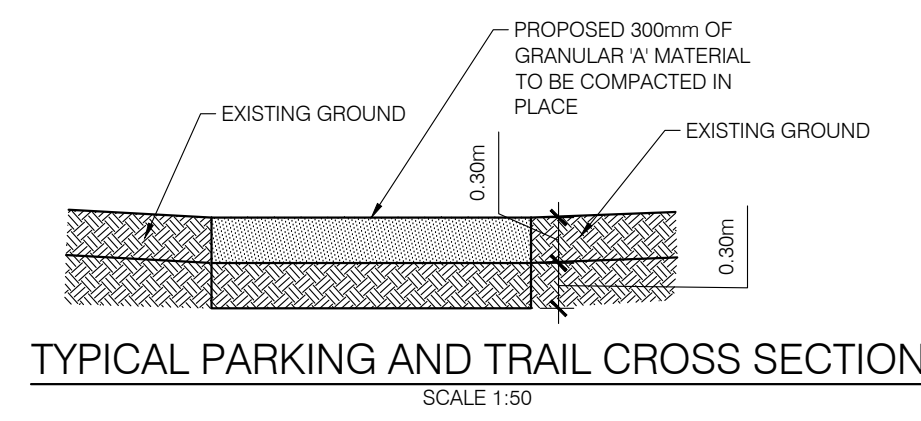
PROJECT NO: 16-004

SHEET NO: C1

FILE: 13011615-004-Camp Henry - Point Pelee National Park ENGINEERING CAD.dwg (11/28/13) 16:00PT - Camp Henry.dwg

LEGEND

	TOP OF FINISHED GRANULAR 'A' ELEVATION
	EXISTING TRAIL
	PROPOSED PARKING
	PROPOSED TRAIL
	TRAIL TO BE REMOVED
	PLANTING BED
	PEA STONE PROTECTION STRIP (AROUND EVERY BUILDING)



PARTNERS / CONSULTANTS

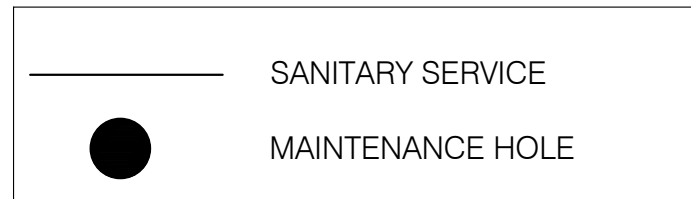
Date	Revision
16/11/03	ARCHITECTS
16/12/15	ENGINEER
17/02/13	ISSUED FOR TENDER

DATE: OCT. 27, 2016

R. Dwyer

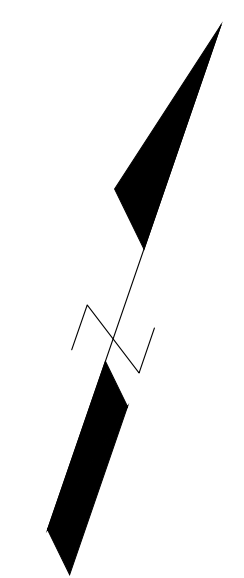
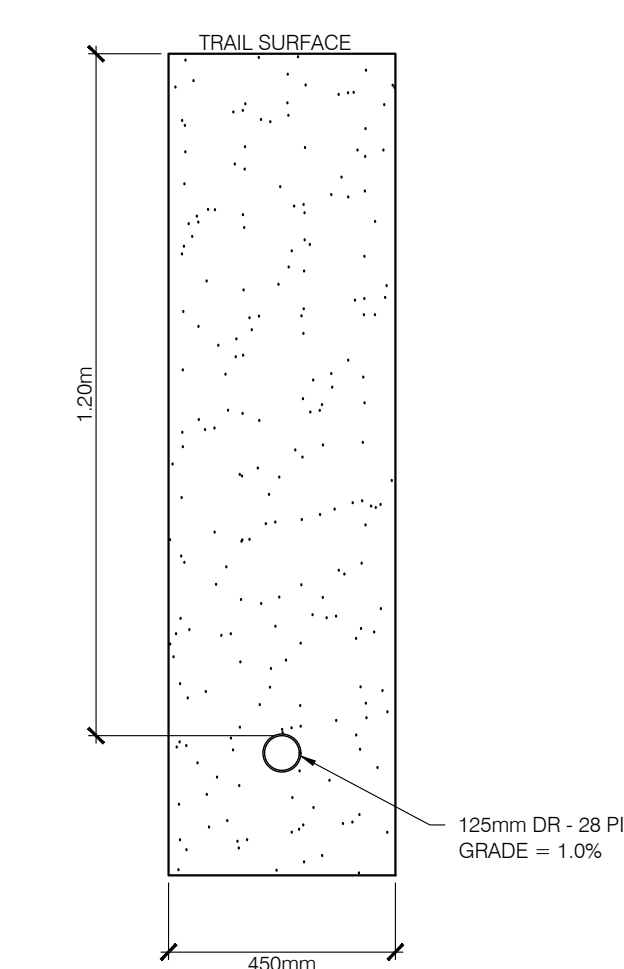
PROJECT TITLE:
POINT PELEE NATIONAL PARK CAMP HENRY
 PROJECT NO.:
POINT PELEE LEAMINGTON ONTARIO
 SHEET TITLE:
GRADING PLAN
 SHEET NO.:
 16-004

LEGEND



NOTE :

1. CONTRACTOR TO PROVIDE APPROPRIATE BUOYANCY CONTROL FOR PROPOSED SEPTIC SYSTEM DUE TO HIGH WATER TABLE.
2. ALL SERVICES TO BE DIRECTIONALLY BORED.
3. CONTRACTOR TO SUPPLY SHOP DRAWINGS FOR SEPTIC SYSTEM.
4. PROPOSED SERVICE ELEVATIONS TO BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION
- 5) SHOP DRAWING OF LIFT STATION TO BE SUPPLIED BY PUMP SUPPLIER



PARTNERS / CONSULTANTS

Date	Revision
16/11/03	ARCHITECTS
16/12/15	ENGINEER
17/02/13	ISSUED FOR TENDER

DATE: OCT. 27, 2016



PROJECT TITLE:
POINT PELEE NATIONAL PARK CAMP HENRY
 POINT PELEE LEAMINGTON ONTARIO
 SHEET TITLE:
SANITARY SERVICING PLAN

PROJECT NO. 16-004

SHEET NO.

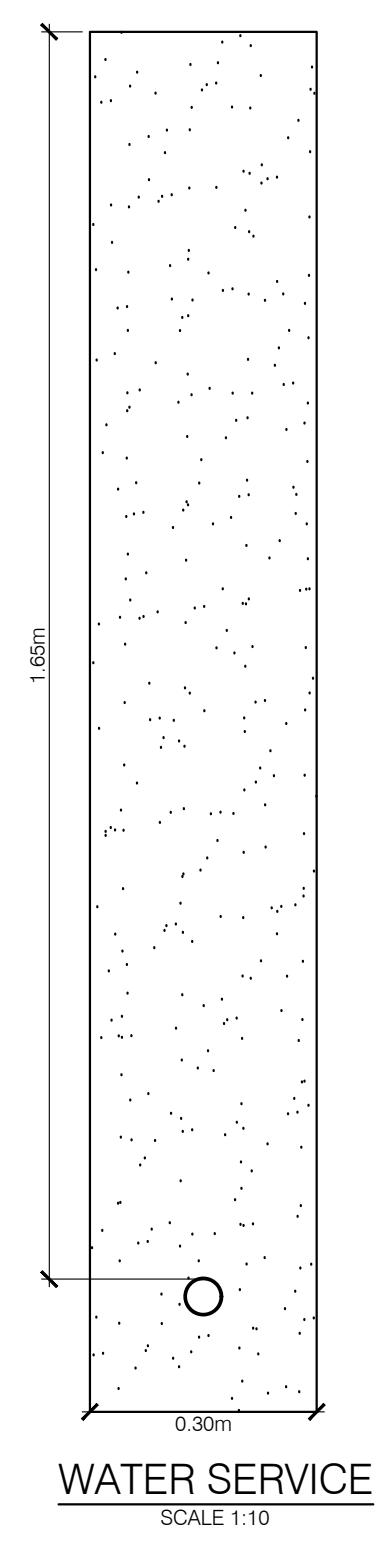


LEGEND

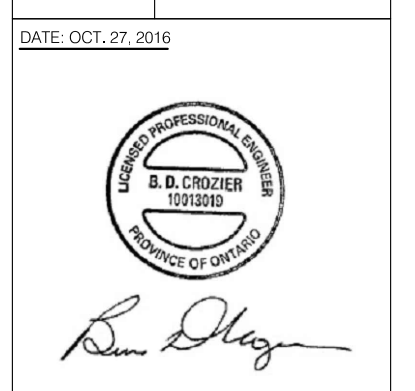


NOTE :

PROPOSED WATER SERVICE TO BE INSTALLED USING TWO (2) METHODS:
 1. OPEN CUT
 2. BORING
 SEE DRAWING FOR LOCATIONS WHERE EACH METHOD WILL BE USED



Date	Revision
16/11/03	ARCHITECTS
16/12/15	ENGINEER
17/02/13	ISSUED FOR TENDER



PROJECT TITLE:
POINT PELEE NATIONAL PARK CAMP HENRY
 POINT PELEE LEAMINGTON ONTARIO
 SHEET TITLE:
WATER SERVICING PLAN

- NOTES :
- 1) THIS PLAN IS BASED ON THE SURVEYOR PLAN PRODUCED BY BAIRD.AE, ENGINEERING, ON MARCH 14TH 2016 (PROJECT POINT PELEE, CAMP HENRY RENEWAL, FILE "ACAD-160314 - 16-004 - Camp Henry")
 - 2) CONTRACTOR TO VERIFY ALL SITE EXISTING CONDITIONS AND REPORT ALL DIFFERENCES TO THE CLIENT PRIOR TO CONSTRUCTION
 - 3) CONTRACTOR TO RESTORE IN HIS ORIGINAL STATE ALL EXISTING ITEM DAMAGED DURING CONSTRUCTION
 - 4) CONTRACTOR TO VERIFY ALL EXISTING SERVICES LOCATION PRIOR TO CONSTRUCTION
 - 5) ALL EXISTING ITEMS INDICATED AS TO BE PRESERVED ARE TO BE PROTECTED. CONTRACTOR TO REPAIR TO HIS OWN COST IF DAMAGED
 - 6) ALL TREES TO BE PRESERVED AND PROTECTED AS INDICATED IN THE SPECIFICATIONS (SECTION 32 01 91).
 - 7) ALL WORK, STORAGE AND CIRCULATION DURING CONSTRUCTION TO BE CONTAINED IN THE PROJECT'S LIMIT SHOWN ON PLANS. CONTRACTOR TO RESTORE TO HIS OWN COST ALL DAMAGED CAUSED OUT OF THE PROJECT'S LIMIT.



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2017-02-10	FOR TENDER	00
Date	Description	Revision
Seal		

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Project
**POINT PELEE NATIONAL PARK
CAMP HENRY RENEWAL**
Leamington, Ontario
Canada

Drawing title
EXISTING CONDITIONS

Design by L. HANDFIELD
Concept by J. DORAIS / L. HANDFIELD
Approved by L. ST-PIERRE

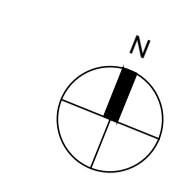
Scale
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0 5 10 20 30m

Date
january 30, 2017

Project	DAO file
16-0167	16-0167-L-PEC-PTPELEE-100-R00-EXI.DWG
Sheet no.	Revision
LP-100	00



GENERAL NOTES:
ALL TRAILS AND PLANTING TO BE DONE BY OTHERS



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2017-02-10	FOR TENDER	00
Sceau		

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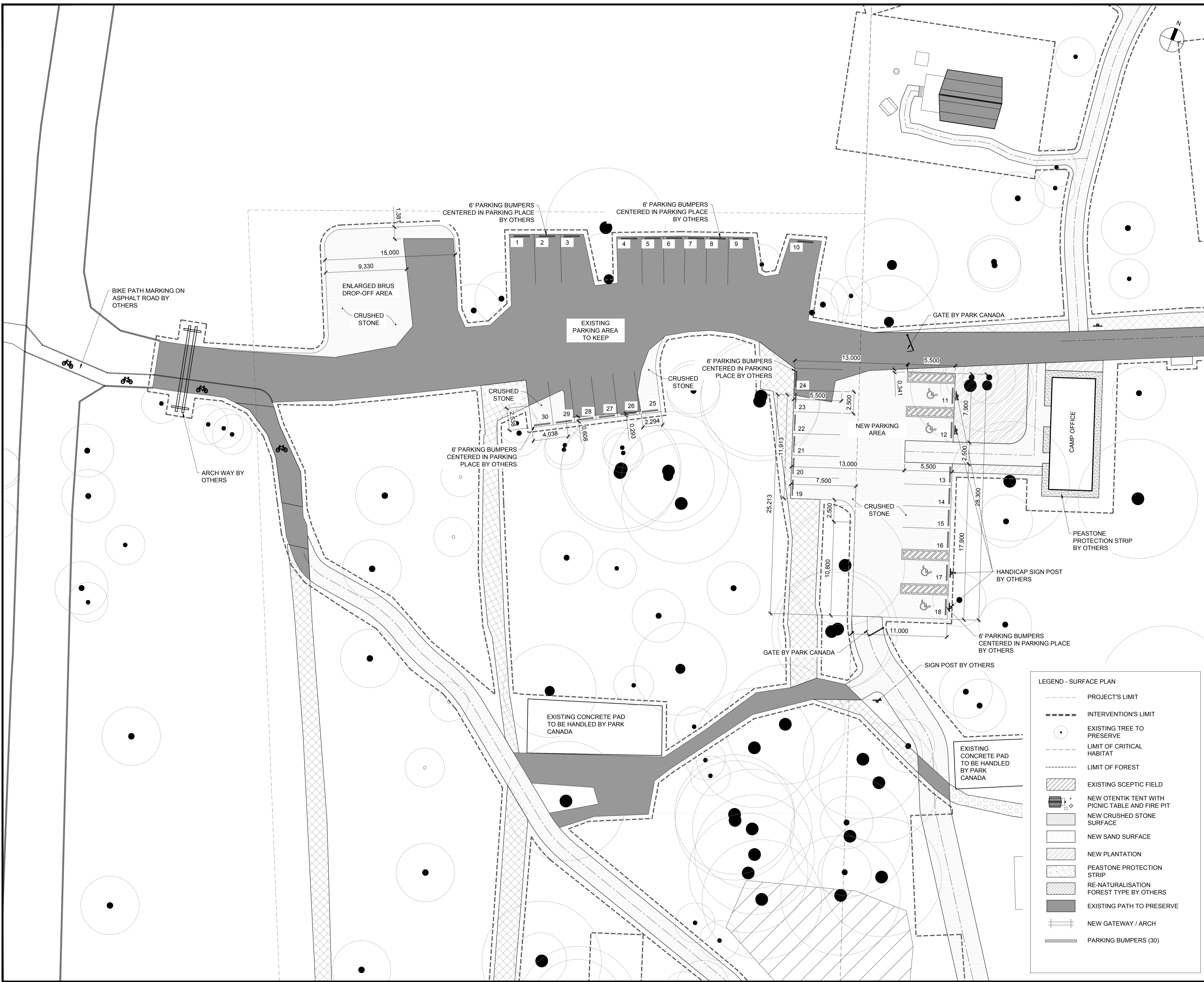
Projet
**POINT PELEE NATIONAL PARK
CAMP HENRY RENEWAL**
Leamington, Ontario
Canada

Titre du dessin
MASTER PLAN

Dessiné par L. HANDFIELD
Conçu par J. DORAIS / L. HANDFIELD
Approuvé par L. ST-PIERRE

Échelle
1:500
0 5 10 20 30m

Date	january 30, 2017
Projet	16-0167
Feuille no.	LP-200
Fichier DAO	16-0167-L-PEC-PTPELEE-200-R00-SUR.DWG
Révision	00

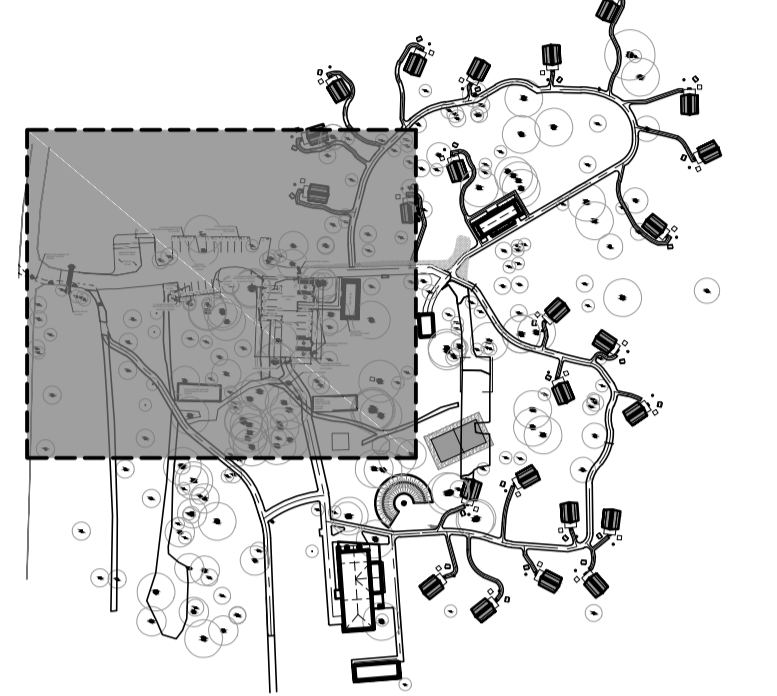


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KEY PLAN - SECTION 1



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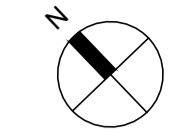
Projet
**POINT PELEE NATIONAL PARK
CAMP HENRY RENEWAL**
Leamington, Ontario
Canada

Titre du dessin
**PARKING AREA
Extension plan**

Dessiné par L. HANDFIELD
Conçu par J. DORAIS / L. HANDFIELD
Approuvé par L. ST-PIERRE

Échelle 1:200
0 2 4 8 12m

Date	january 30, 2017
Projet	16-0167
Feuille no.	LP-201
Fichier DAO	16-0167-L-PEC-PTPELEE-201-R00-SUR.DWG
Révision	00



LEGEND - PLANTATION PLAN

- PROJECT'S LIMIT
- INTERVENTION'S LIMIT
- EXISTING TREE TO PRESERVE
- LIMIT OF CRITICAL HABITAT
- LIMIT OF FOREST
- [Hatched Box] EXISTING SCEPTIC FIELD
- [Tent Icon] NEW OTENTIK TENT WITH PICNIC TABLE AND FIRE PIT
- [Stone Box] NEW CRUSHED STONE SURFACE
- [Dotted Box] NEW LIMIT OF FOREST
- [Diagonal Lines Box] NEW AESTHETIC PLANTATION
- [Cross-hatched Box] RESTAURATION OPEN AREA TYPE
- [Stippled Box] RE-NATURALISATION FOREST TYPE BY OTHERS
- [Dotted Box] PEASTONE PROTECTION STRIP
- [Solid Grey Box] EXISTING PATH TO PRESERVE

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Date	Description	Révision
2017-02-10	FOR TENDER	00
Sceau		

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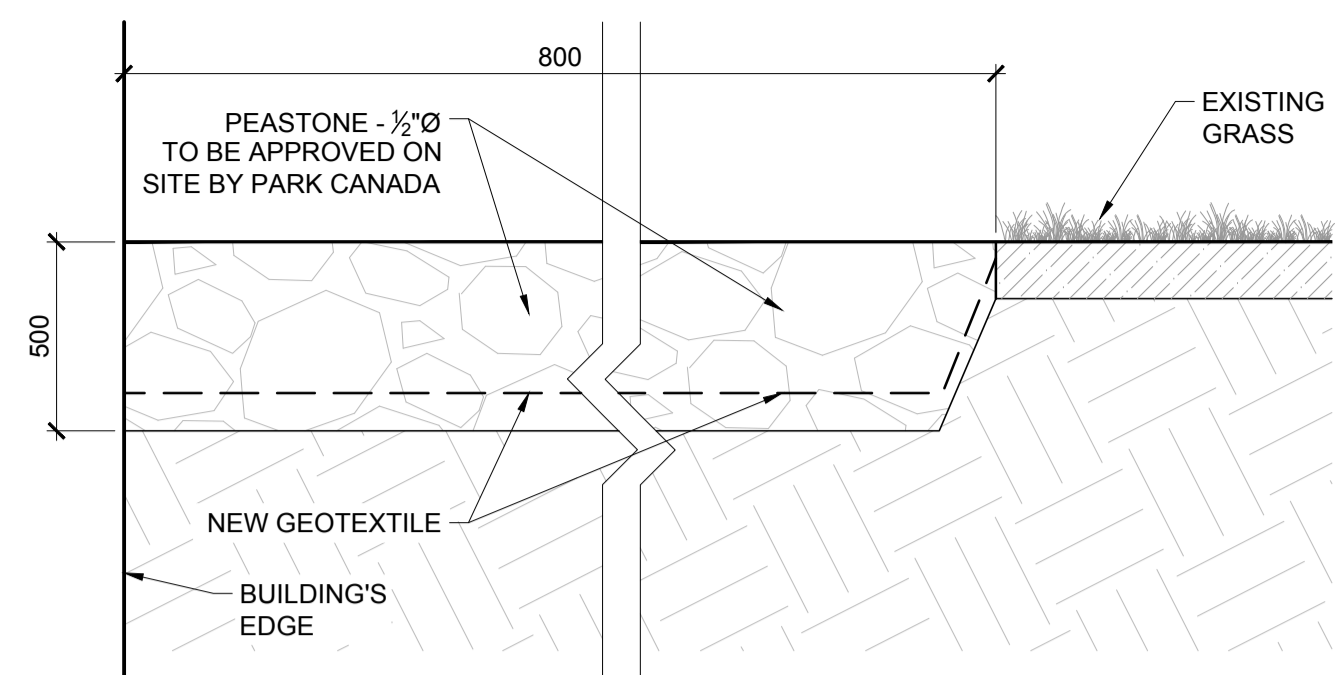
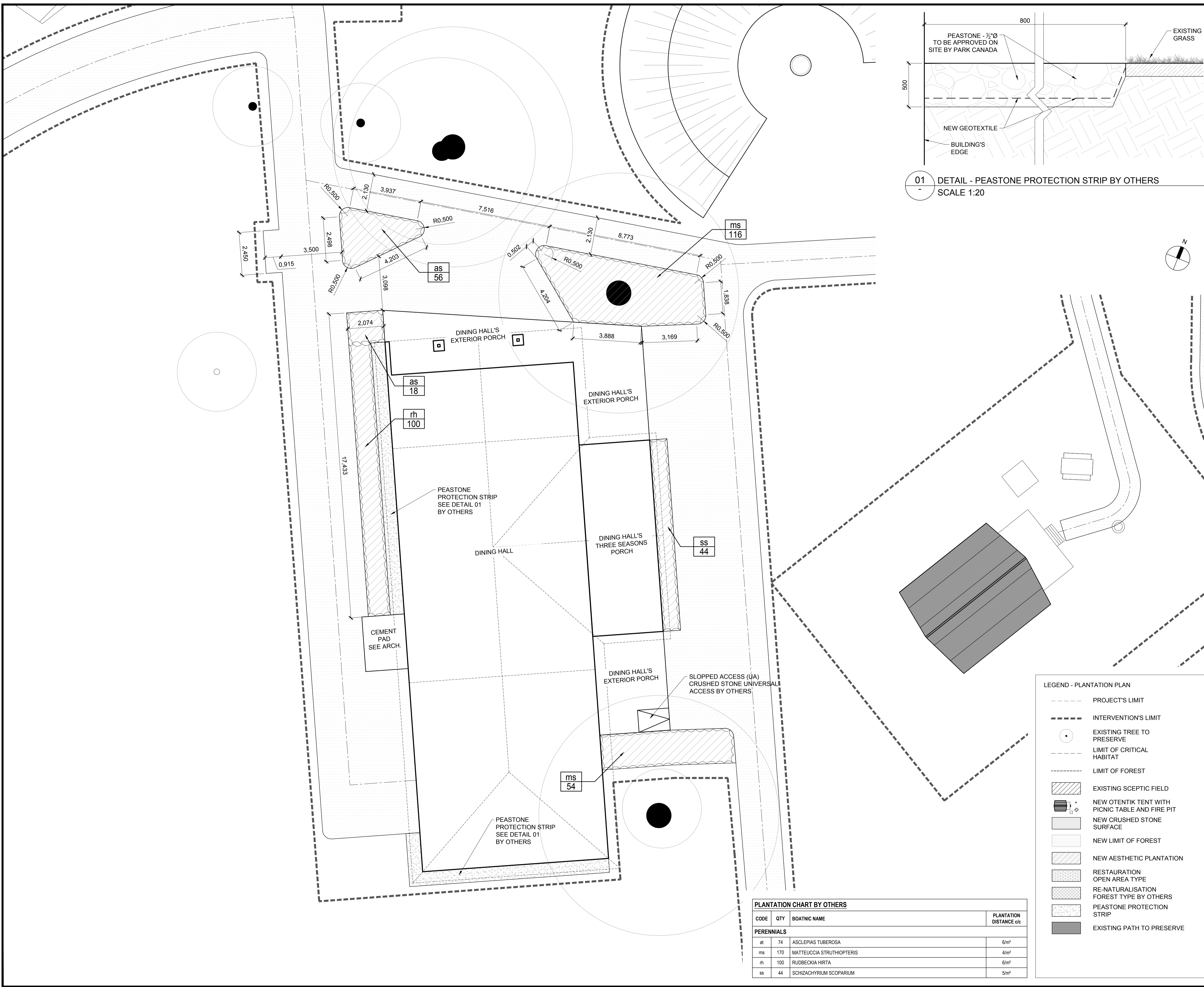
Projet
**POINT PELEE NATIONAL PARK
 CAMP HENRY RENEWAL**
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 Canada

Titre du dessin
IMPLANTATION PLAN
 Aesthetic, Open area and Forest type

Dessiné par L. HANDFIELD
 Conçu par J. DORAIS / L. HANDFIELD
 Approuvé par L. ST-PIERRE

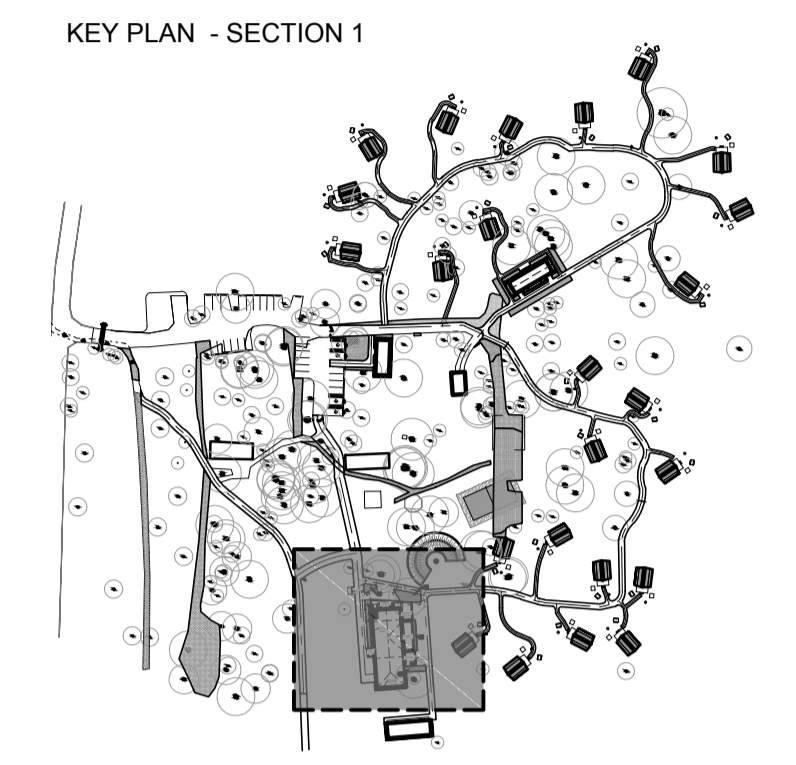
Échelle
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Date	january 30, 2017
Projet	16-0167
Feuille no.	LP-300
Fichier DAO	16-0167-L-PEC-PTPELEE-400-R00-PLA.DWG
Révision	00



01 DETAIL - PEASTONE PROTECTION STRIP BY OTHERS
SCALE 1:20

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LEGEND - PLANTATION PLAN

- PROJECT'S LIMIT
- - - INTERVENTION'S LIMIT
- EXISTING TREE TO PRESERVE
- - - LIMIT OF CRITICAL HABITAT
- - - LIMIT OF FOREST
- ▨ EXISTING SCEPTIC FIELD
- ▩ NEW OTENTIK TENT WITH PICNIC TABLE AND FIRE PIT
- ▧ NEW CRUSHED STONE SURFACE
- ▦ NEW LIMIT OF FOREST
- ▥ NEW AESTHETIC PLANTATION
- ▤ RESTAURATION OPEN AREA TYPE
- ▣ RE-NATURALISATION FOREST TYPE BY OTHERS
- ▢ PEASTONE PROTECTION STRIP
- ▧ EXISTING PATH TO PRESERVE

PLANTATION CHART BY OTHERS

CODE	QTY	BOATNIC NAME	PLANTATION DISTANCE c/c
PERENNIALS			
at	74	ASCLEPIAS TUBEROSA	6m ²
ms	170	MATTEUCCIA STRUTHOPTERIS	4m ²
rh	100	RUDBECKIA HIRTA	6m ²
ss	44	SCHIZACHYRIUM SCOPARIUM	5m ²

Projet
**POINT PELEE NATIONAL PARK
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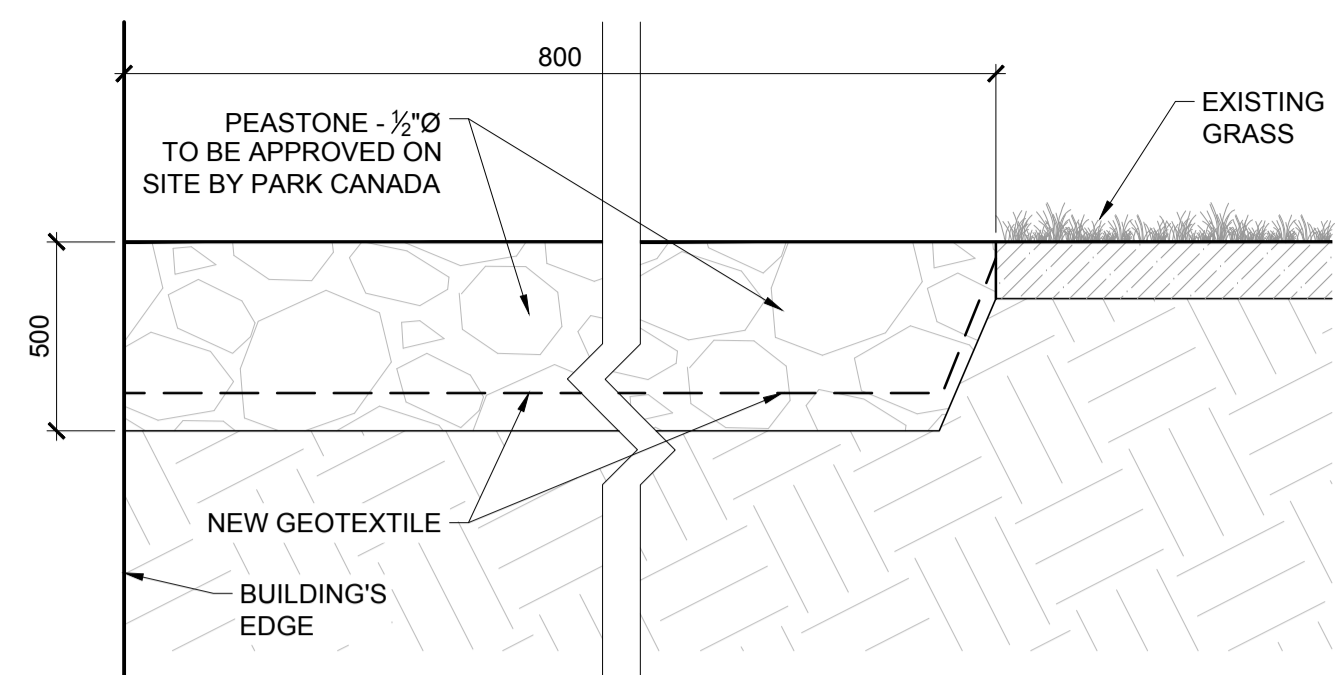
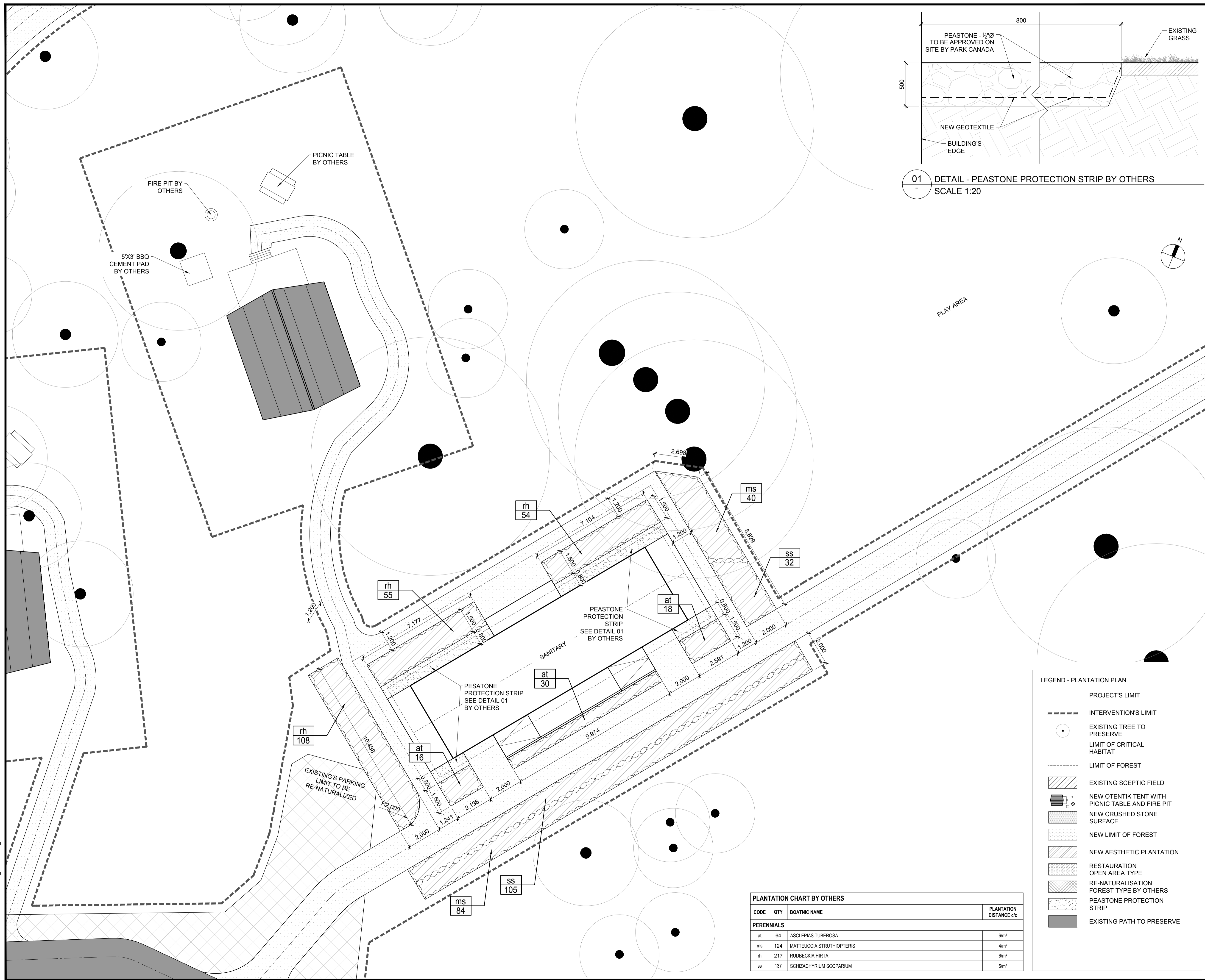
Titre du dessin
IMPLANTATION PLAN
 Dining Hall concept

Dessiné par L. HANDFIELD
 Conçu par J. DORAIS / L. HANDFIELD
 Approuvé par L. ST-PIERRE

Échelle 1:100
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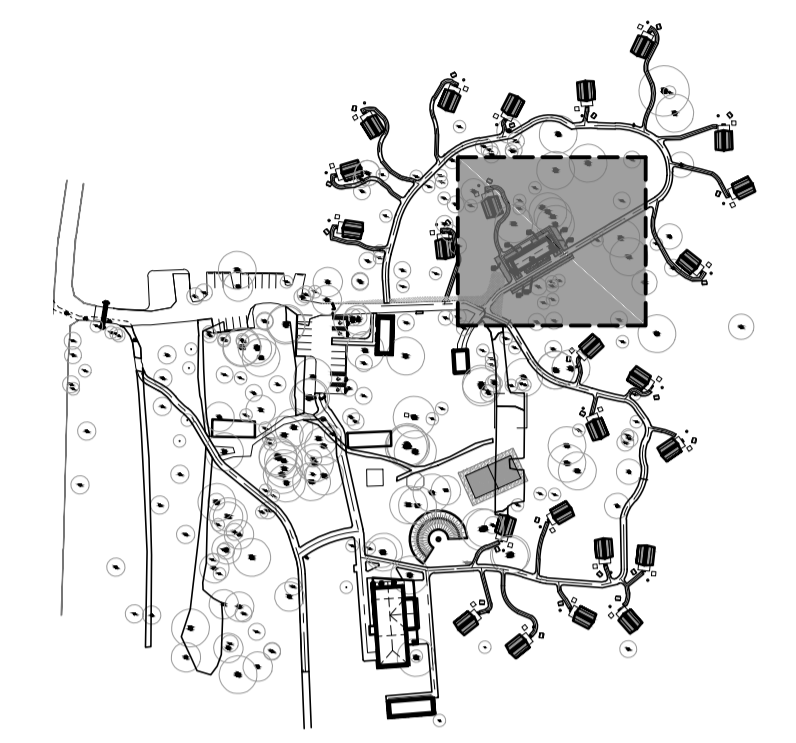
Date
 January 30, 2017

Projet 16-0167 Fichier DAO 16-0167-L-PEC-PTPELEE-401-R00-PLA.DWG
 Feuille no. LP-301 Révision 00



01 DETAIL - PEASTONE PROTECTION STRIP BY OTHERS
SCALE 1:20

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LEGEND - PLANTATION PLAN

- PROJECT'S LIMIT
- - - INTERVENTION'S LIMIT
- EXISTING TREE TO PRESERVE
- - - LIMIT OF CRITICAL HABITAT
- - - LIMIT OF FOREST
- [Pattern] EXISTING SCCEPT FIELD
- [Pattern] NEW OTENTIK TENT WITH PICNIC TABLE AND FIRE PIT
- [Pattern] NEW CRUSHED STONE SURFACE
- [Pattern] NEW LIMIT OF FOREST
- [Pattern] NEW AESTHETIC PLANTATION
- [Pattern] RESTAURATION OPEN AREA TYPE
- [Pattern] RE-NATURALISATION FOREST TYPE BY OTHERS
- [Pattern] PEASTONE PROTECTION STRIP
- [Pattern] EXISTING PATH TO PRESERVE

PLANTATION CHART BY OTHERS

CODE	QTY	BOATNIC NAME	PLANTATION DISTANCE c/c
PERENNIALS			
at	64	ASCLEPIAS TUBEROSA	6m ²
ms	124	MATTEUCCIA STRUTHOPTERIS	4m ²
rh	217	RUDBECKIA HIRTA	6m ²
ss	137	SCHIZACHYRIUM SCOPARIUM	5m ²

Projet
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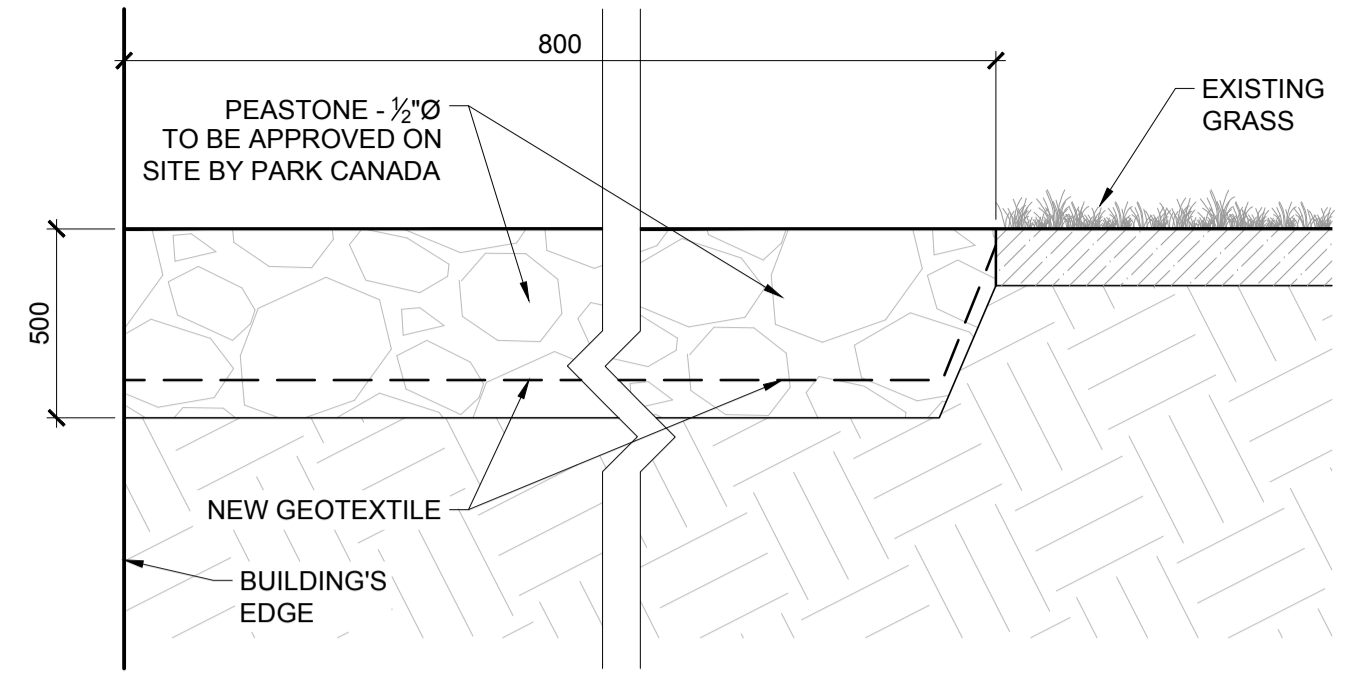
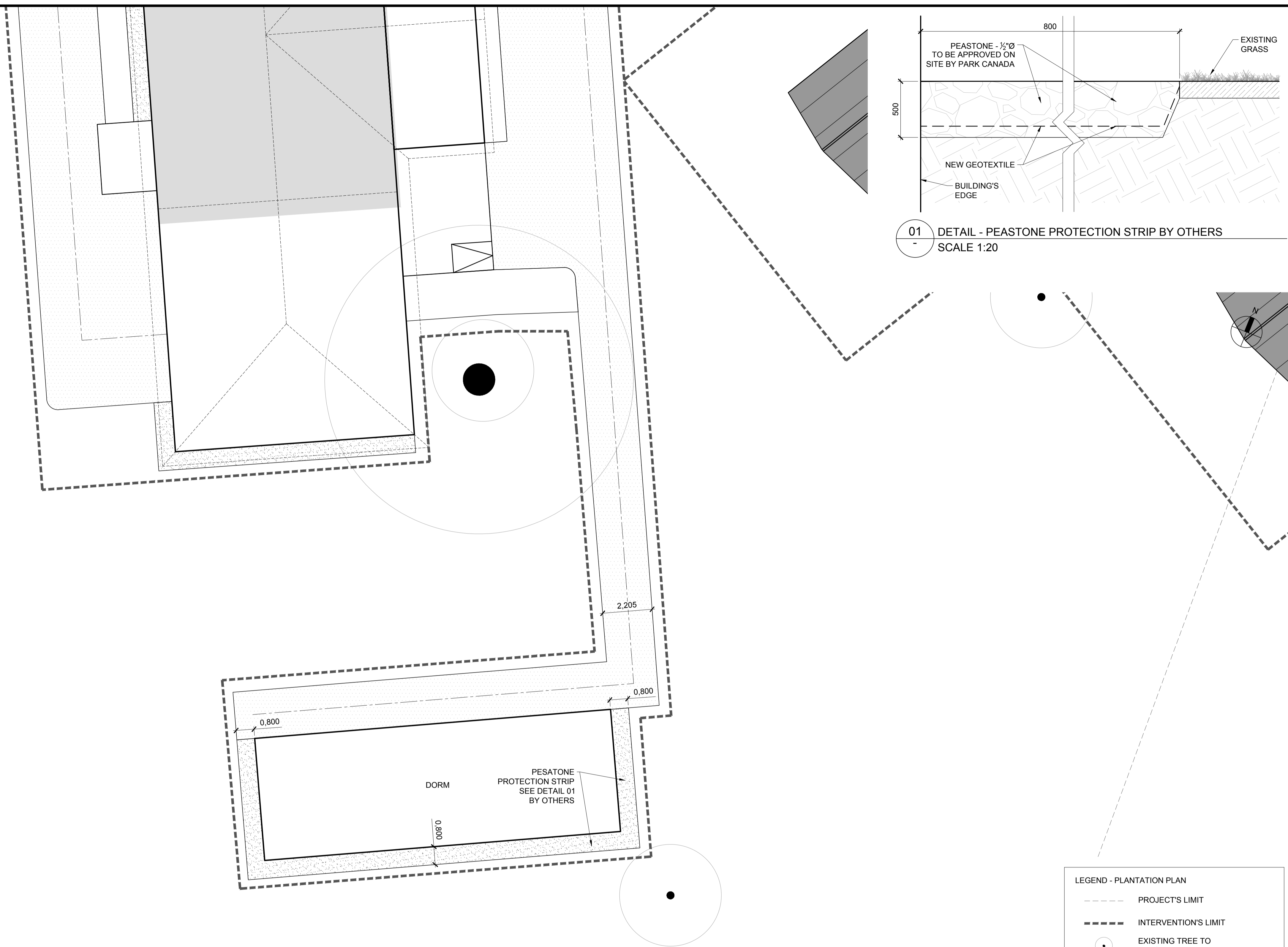
Titre du dessin
IMPLANTATION PLAN
 Sanitary concept

Dessiné par L. HANDFIELD
 Conçu par J. DORAIS / L. HANDFIELD
 Approuvé par L. ST-PIERRE

Échelle 1:100
 0 1 2 4 6m

Date: january 30, 2017

Projet	16-0167	Fichier DAO	16-0167-L-PEC-PTPELEE-402-R00-PLA.DWG
Feuille no.	LP-302	Révision	00



01 DETAIL - PEASTONE PROTECTION STRIP BY OTHERS
SCALE 1:20

LEGEND - PLANTATION PLAN

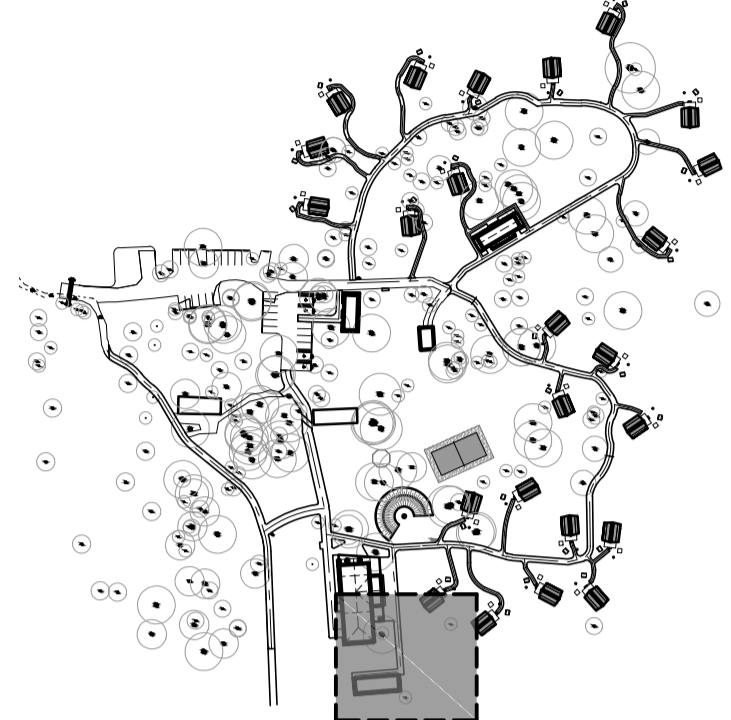
- PROJECT'S LIMIT
- INTERVENTION'S LIMIT
- EXISTING TREE TO PRESERVE
- LIMIT OF CRITICAL HABITAT
- LIMIT OF FOREST
- ▨ EXISTING SCEPTIC FIELD
- ▩ NEW OTENTIK TENT WITH PICNIC TABLE AND FIRE PIT
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- ▥ NEW AESTHETIC PLANTATION
- ▤ RESTAURATION OPEN AREA TYPE
- ▣ RE-NATURALISATION FOREST TYPE BY OTHERS
- ▢ PEASTONE PROTECTION STRIP
- EXISTING PATH TO PRESERVE

Client
 \Other\partnership-logo-cmyk-fr.jpg

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KEY PLAN - SECTION 3



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Projet
**POINT PELEE NATIONAL PARK
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Titre du dessin
IMPLANTATION PLAN
 Relocated dorm

Dessiné par L. HANDFIELD
 Conçu par J. DORAIS / L. HANDFIELD
 Approuvé par L. ST-PIERRE

Échelle
 1:250
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Date	january 30, 2017
Projet	Fichier DAO
16-0167	16-0167-L-PEC-PTPELEE-404-R00-PLA.DWG
Feuille no.	Révision
LP-304	00