

**ARCHITECTURAL**

DAVID NAIRNE + ASSOCIATES LTD.  
Contact: JAMEY RICHARDS | 604.984.3503

- A001 COVER SHEET
- A002 GENERAL NOTES
- A003 CODE ANALYSIS & ASSEMBLIES
- A004 PERSPECTIVE VIEWS
- A101 SITE PLAN
- A201 FLOOR PLAN
- A202 ROOF PLAN
- A203 REFLECTED CEILING PLAN
- A301 BUILDING ELEVATIONS
- A401 BUILDING SECTIONS
- A501 WALL SECTIONS
- A601 BUILDING DETAILS
- A701 INTERIOR ELEVATIONS
- A901 DOOR & WINDOW SCHEDULES

**STRUCTURAL**

DAVID NAIRNE + ASSOCIATES LTD.  
Contact: ANDY MILL | 604.984.3503

- S2.1 FOUNDATION PLAN
- S2.2 FLOOR FRAMING PLAN
- S2.3 ROOF FRAMING PLAN
- S3.1 FOUNDATION DETAILS
- S3.2 SHEATHING & FRAMING
- S3.3 ROOFING DETAILS

**CIVIL**

N/A  
Contact: N/A

**MECHANICAL**

N/A  
Contact: N/A

**ELECTRICAL**

N/A  
Contact: N/A

**GEOTECHNICAL**

N/A  
Contact: N/A



Plotted: 5/13/19 4:14:27 PM

DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS
		<p><small>METRIC CONVERSION</small></p> <p><small>THE DIMENSIONS FOR THIS PROJECT ARE CONSIDERED IN METERS. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL CONTRACT SUBMITTALS, CORRESPONDENCE, PRODUCT INFORMATION AND ALL OTHER REFERENCES ARE ALSO REQUIRED TO BE COMPLETED AND SUBMITTED TO THE CONSULTANT IN METRIC.</small></p>	2	MAY 2019	ISSUED FOR TENDER
			1	2019.02.25	ISSUED FOR REVIEW

<b>FISHERIES AND OCEANS CANADA</b> REAL PROPERTY AND SAFETY AND SECURITY	
<b>BABINE FENCE SITE</b> <b>NEW STAFF BUILDING</b>  <b>KM 60, FSR4000</b> <b>BULKLEY NECHAKO, BC</b>  <b>COVER SHEET</b>	
SCALE	
START DATE	2019.04.24
DRAWING NUMBER	<b>A001</b>
REVISION	<b>2</b>

## FUNCTIONAL DEMONSTRATIONS / VERIFICATIONS / TESTING / INSPECTION CERTIFICATES SUBMITTALS

CONTRACTOR TO COORDINATE THE FOLLOWING DOCUMENTATION REQUIRED TO BE SUBMITTED TO THE CONSULTANT PRIOR TO REQUEST FOR SUBSTANTIAL COMPLETION / OCCUPANCY PERMIT APPLICATION:

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> CERTIFICATE OF VERIFICATION FOR FIRE ALARM SYSTEM</li> <li><input type="checkbox"/> CERTIFICATE OF FIRE ALARM MONITORING FROM A UL LISTED CENTRAL STATION CONFORMING TO NFPA 71</li> <li><input type="checkbox"/> FIRE DAMPER TEST CERTIFICATE</li> <li><input type="checkbox"/> SPRAY-APPLIED FIRE PROTECTION CERTIFICATE OF APPLICATION</li> <li><input type="checkbox"/> THIN FILM INTUMESCENT COATING FIRE PROTECTION CERTIFICATE OF APPLICATION</li> <li><input type="checkbox"/> SPRAY-APPLIED FOAM INSULATION INSTALLATION CERTIFICATE TO CAN/ULC S705.2</li> <li><input checked="" type="checkbox"/> FINAL FIRESTOP SYSTEMS SHOP DRAWINGS/MATERIAL DATA SHEET SUBMISSIONS MANUAL*</li> <li><input checked="" type="checkbox"/> FIRESTOPPING AND SMOKE SEAL INSPECTION &amp; TESTING COMPANY FIELD QUALITY CONTROL LETTERS*</li> <li><input type="checkbox"/> SAFETY AUTHORITY CERTIFICATE OF GAS INSPECTION</li> <li><input type="checkbox"/> SAFETY AUTHORITY CERTIFICATE OF INSPECTION BOILERS/PRESSURE VESSELS</li> <li><input checked="" type="checkbox"/> SAFETY AUTHORITY CERTIFICATE OF ELECTRICAL INSPECTION</li> <li><input type="checkbox"/> SAFETY AUTHORITY ELEVATING DEVICES CERTIFICATE OF INSPECTION HC LIFT PLATFORM</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> FIELD DENSITY TESTS AND CONCRETE TESTS REPORTS**</li> <li><input checked="" type="checkbox"/> DOMESTIC WATER SYSTEMS, CLEANING, CHLORINATION &amp; WATER QUALITY TESTING, PRESSURE TESTING</li> <li><input checked="" type="checkbox"/> BACKFLOW PREVENTION ASSEMBLY TEST REPORT</li> <li><input checked="" type="checkbox"/> SANITARY SYSTEMS TEST REPORTS</li> <li><input checked="" type="checkbox"/> COMMISSIONING REPORTS</li> <li><input checked="" type="checkbox"/> HVAC AIR BALANCING REPORT</li> <li><input type="checkbox"/> CONFIRMATION EMERGENCY LIGHTING HAS BEEN TESTED AND IS OPERATIONAL</li> <li><input type="checkbox"/> STANDBY GENERATOR VERIFICATION, START UP AND LOAD TEST REPORT</li> <li><input checked="" type="checkbox"/> CONFIRMATION EXIT SIGNS ARE INSTALLED AND OPERATIONAL</li> <li><input checked="" type="checkbox"/> CONFIRMATION FIRE EXTINGUISHERS MOUNTED WITH IN-SERVICE TAGGING LABELS</li> <li><input checked="" type="checkbox"/> CONFIRMATION WARRANTY CERTIFICATES HAVE BEEN PROVIDED</li> <li><input type="checkbox"/> MUNICIPALITY / CITY / AHJ FINAL INSPECTION CERTIFICATE - PLUMBING ***</li> <li><input type="checkbox"/> MUNICIPALITY / CITY / AHJ FINAL INSPECTION CERTIFICATE - ELECTRICAL ***</li> </ul> |
|---|---|

\* ALL TRADES  
\*\* COORDINATED & CARRIED OUT BY THE CONTRACTOR  
\*\*\* CONTRACTOR TO CONFIRM MUNICIPALITY / CITY / AHJ INSPECTION REQUIREMENTS

## REGISTERED PROFESSIONAL OF RECORD\* (RPR) SUBMITTALS

SUBMITTAL BY RPR	SUBMITTAL BY RPR	TO	WHEN TO BE SUBMITTED
<input checked="" type="checkbox"/> COORDINATING REGISTERED PROFESSIONAL DAVID NAIRNE + ASSOCIATES LTD.	<input checked="" type="checkbox"/> SCHEDULE A - CONFIRMATION OF COMMITMENT BY OWNER & CRP <input checked="" type="checkbox"/> SCHEDULE C-A - ASSURANCE OF COORDINATION OF PROFESSIONAL FIELD REVIEW	AHJ	WITH BUILDING PERMIT APPLICATION PRIOR TO OCCUPANCY APPLICATION
<input checked="" type="checkbox"/> ARCHITECTURAL DAVID NAIRNE + ASSOCIATES LTD.	<input checked="" type="checkbox"/> SCHEDULE B - ASSURANCE OF PROFESSIONAL DESIGN & COMMITMENT FOR FIELD REVIEW <input checked="" type="checkbox"/> SCHEDULE C-B - ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE	AHJ	WITH BUILDING PERMIT APPLICATION PRIOR TO OCCUPANCY APPLICATION
<input checked="" type="checkbox"/> STRUCTURAL DAVID NAIRNE + ASSOCIATES LTD.	<input checked="" type="checkbox"/> SCHEDULE B - ASSURANCE OF PROFESSIONAL DESIGN & COMMITMENT FOR FIELD REVIEW <input checked="" type="checkbox"/> SCHEDULE C-B - ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE	AHJ	WITH BUILDING PERMIT APPLICATION PRIOR TO OCCUPANCY APPLICATION
<input type="checkbox"/> CIVIL N/A	<input type="checkbox"/> SCHEDULE B - ASSURANCE OF PROFESSIONAL DESIGN & COMMITMENT FOR FIELD REVIEW <input type="checkbox"/> SCHEDULE C-B - ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE	AHJ	WITH BUILDING PERMIT APPLICATION PRIOR TO OCCUPANCY APPLICATION
<input type="checkbox"/> MECHANICAL N/A	<input type="checkbox"/> SCHEDULE B - ASSURANCE OF PROFESSIONAL DESIGN & COMMITMENT FOR FIELD REVIEW <input type="checkbox"/> SCHEDULE C-B - ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE	AHJ	WITH BUILDING PERMIT APPLICATION PRIOR TO OCCUPANCY APPLICATION
<input checked="" type="checkbox"/> ELECTRICAL CM ENGINEERING	<input checked="" type="checkbox"/> SCHEDULE B - ASSURANCE OF PROFESSIONAL DESIGN & COMMITMENT FOR FIELD REVIEW <input checked="" type="checkbox"/> SCHEDULE C-B - ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE	AHJ	WITH BUILDING PERMIT APPLICATION PRIOR TO OCCUPANCY APPLICATION
<input type="checkbox"/> GEOTECHNICAL N/A	<input type="checkbox"/> SCHEDULE B - ASSURANCE OF PROFESSIONAL DESIGN & COMMITMENT FOR FIELD REVIEW <input type="checkbox"/> SCHEDULE C-B - ASSURANCE OF PROFESSIONAL FIELD REVIEW AND COMPLIANCE	AHJ	WITH BUILDING PERMIT APPLICATION PRIOR TO OCCUPANCY APPLICATION

\* AS DESIGNATED BY THE OFFICE OF THE FIRE COMMISSIONER FIRE PROTECTION ENGINEERING SERVICES, HUMAN RESOURCES DEVELOPMENT CANADA ADOPTED LETTERS OF ASSURANCE

## GENERAL CONTINUITY OF FIRE SEPARATIONS:

- ALL CONTRACTORS AND ALL SUBCONTRACTORS / TRADES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS TO MAINTAIN AND PROTECT THE CONTINUITY AND INTEGRITY OF THE BUILDING FIRE SEPARATIONS WHETHER OR NOT THEY ARE SHOWN ON THE DRAWINGS.
- FIRE SEPARATIONS SHALL NOT BE PIERCED BY BACK-TO-BACK ELECTRICAL EQUIPMENT OR SIMILAR GUILTS.
- COMBUSTIBLE CONSTRUCTION THAT ADJUTS ON OR IS SUPPORTED BY A NON-COMBUSTIBLE FIRE SEPARATION SHALL BE CONSTRUCTED SO THAT IF IT COLLAPSES UNDER FIRE CONDITIONS, IT WILL NOT CAUSE THE COLLAPSE OF THE FIRE SEPARATION.
- WHERE A REQUIRED FIRE SEPARATION TERMINATES AT THE EXTERIOR WALL, THE UNDERSIDE OF FLOOR, CEILING OR ROOF STRUCTURES, THE / OPENING / ADJOINING CONSTRUCTION JOINT SHALL BE FIRESTOPPED WITH A UL APPROVED INSTALLATION.
- COMBUSTIBLE MEMBERS / FASTENINGS SHALL NOT BE USED TO ANCHOR FIXTURES TO FIRE SEPARATIONS.
- ALL PENETRANTS THROUGH FIRE SEPARATIONS AND FIRE RATED ASSEMBLIES ARE TO BE FIRE STOPPED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT WHEN THEIR WORK PASSES THROUGH A FIRE SEPARATION, THE OPENING SHALL BE FIRESTOPPED WITH AN UL LISTED/LABELLED AND APPROVED COMPLETE FIRESTOPPING SYSTEM AND BE APPROVED BY THE AUTHORITIES HAVING JURISDICTION AND THE CONSULTANT.

## GENERAL CONTINUITY OF BUILDING ENVELOPE

- ALL CONTRACTORS AND ALL SUBCONTRACTORS AND TRADES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS TO MAINTAIN / PROTECT THE CONTINUITY & INTEGRITY OF THE AIR / VAPOUR BARRIERS.
- THE VAPOUR BARRIER IS AN INTEGRAL PART OF THE BUILDING THERMAL ENCLOSURE AND MUST BE MAINTAINED INTACT AND CONTINUOUS ON THE INTERIOR (WARM) SIDE OF ALL EXTERIOR INSULATED BUILDING ELEMENTS INCLUDING WALLS, SOFFITS, OVERHANGS, ROOFS, FLOORS, ETC.
- THE VAPOUR BARRIER MEMBRANE IS A MOISTURE IMPERMEABLE SHEET AND MUST BE MAINTAINED IN TIGHT PHYSICAL CONTACT WITH THE INTERIOR (WARM) SIDE OF THE BUILDING ENCLOSURE INSULATION & MUST BE SEALED AIR / VAPOUR TIGHT TO ALL DESIGNATED OPENINGS AND PENETRATIONS AND TO ALL OTHER VAPOUR BARRIER SYSTEMS, TO PROVIDE A COMPLETE ENVELOPE AROUND THE BUILDING.
- THE AIR BARRIER IS A PHYSICALLY STRONG AND SOUND BARRIER, WHICH IS NOT NECESSARILY VAPOUR RESISTANT, DESIGNED TO RESIST AIR MOVEMENT INTO OR OUT OF A BUILDING ENCLOSURE AND MUST BE ABLE TO RESIST HIGH AIR PRESSURES WITHOUT TEARING, RUPTURING OR BREAKING AWAY FROM ITS FASTENING. THE AIR BARRIER IS NOT THE VAPOUR BARRIER.
- THE AIR / VAPOUR BARRIERS MUST BE MAINTAINED ACROSS ALL EXPANSION AND CONTROL JOINTS, AND ANY PENETRATIONS WHETHER INDICATED AND DESIGNED OR NOT.
- ALL CONTRACTORS AND SUBCONTRACTORS AND ANY PERSONS ON-SITE MUST TAKE ALL NECESSARY PRECAUTIONS NOT TO PUNCTURE, TEAR, WEAKEN, DAMAGE, OR COMPROMISE IN ANY WAY THE AIR / VAPOUR BARRIER MEMBRANES). ANY DAMAGED AREAS WILL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE CONSULTANT AT THE CONTRACTOR'S EXPENSE.
- THE VAPOUR BARRIER MEMBRANE MUST ALWAYS BE PROTECTED FROM THE COLD BY INSULATION.

## REFERENCE TAGS

- ROOM TAG
- TAG / KEYNOTE
- WALL / FLOOR / ROOF / SOFFIT TAG
- DOOR TAG
- WINDOW TAG
- CEILING TAG
- EXTERIOR ELEVATION REFERENCE
- INTERIOR ELEVATION REFERENCE
- SECTION REFERENCE
- DETAIL REFERENCE
- GRIDLINE
- ELEVATION / SECTION DATUM
- BREAKLINE

## ABBREVIATIONS

AB	AIR BARRIER
AFF	ABOVE FINISHED FLOOR
ALUM.	ALUMINUM
ARCH	ARCHITECTURAL
BB	BASEBOARD
BETW	BETWEEN
CG	CORNER GUARD
CL	CENTRE LINE
CIP	CAST IN PLACE
COL	COLUMN
CONC	CONCRETE
CONT.	CONTINUOUS
CW	COMPLETE WITH
D	DRYER
D.FIR	DOUGLAS FIR
DN	DOWN
DR	DOOR
DW	DISHWASHER
DWG	DRAWING
ELEC	ELECTRICAL
EQ	EQUAL
EXIST	EXISTING
FE	FIRE EXTINGUISHER
FF	FRIDGE & FREEZER
FFE	FINISHED FLOOR ELEVATION
FFH	FORCE FLOW HEATER
FRF	FIRE RESISTANT RATING
FS	FIRE SEPARATION
GA	GAUGE
GL	GRIDLINE
GWB	GYPSPUM WALL BOARD
HB	FROST FREE HOSE BIB
INSUL	INSULATION
JST	JOIST
MAX	MAXIMUM
MECH	MECHANICAL
MEL	MELAMINE
MIN	MINIMUM
NIC	NOT IN CONTRACT
OC	ON CENTRE
OH	OVER HEAD
OHD	OVERHEAD DOOR
P.LAM	PLASTIC LAMINATE
PT	PRESSURE-TREATED
PLYWD	PLYWOOD
RD	ROOF DRAIN
ROOM	ROOM
RWL	RAIN WATER LEADER
SIM	SIMILAR
SF	SQUARE FOOT
SS	STAINLESS STEEL
STL	STEEL
STOR	STORAGE
STRUC	STRUCTURAL
TBC	TO BE CONFIRMED
TG	TONGUE & GROOVE
THK	THICK
T/O	TOP OF
TYP	TYPICAL
US	UNDERSIDE
UNO	UNLESS NOTED OTHERWISE
VF	VERIFY IN FIELD
W	WASHER
W/	WITH
W/O	WITHOUT
WD	WOOD (SOLID)
WV	WOOD VENEER



FISHERIES AND OCEANS CANADA  
REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE  
NEW STAFF BUILDING**  
**KM 60, FSR4000  
BULKLEY NECHAKO, BC**  
**GENERAL NOTES**

SCALE	1 : 10
START DATE	2019.04.24
DRAWING NUMBER	<b>A002</b>
REVISION	<b>2</b>

DESIGNED	EW
DRAWN	JS
CHECKED	JP
RECOMMENDED	
APPROVED	
APPROVED	

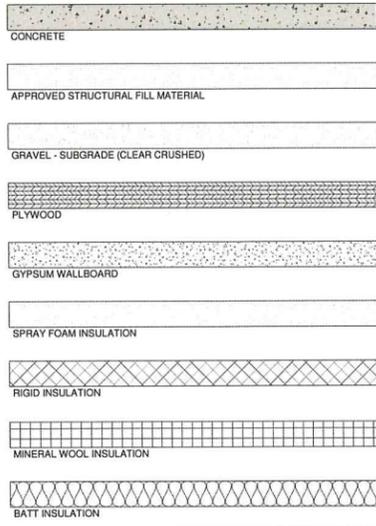
NO.	DATE	REVISIONS
2	MAY 2019	ISSUED FOR TENDER

NOTE: (ISSUED FOR TENDER)  
THE DRAWING MUST BE COMPLETED BY THE CONTRACTOR. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL CONTRACTOR SUBMITTALS, COORDINATED, PROJECT INFORMATION AND ALL GENERAL REFERENCES ARE ALSO REQUIRED TO BE COMPLETED AND SUBMITTED TO THE CONSULTANT IN WRITING.

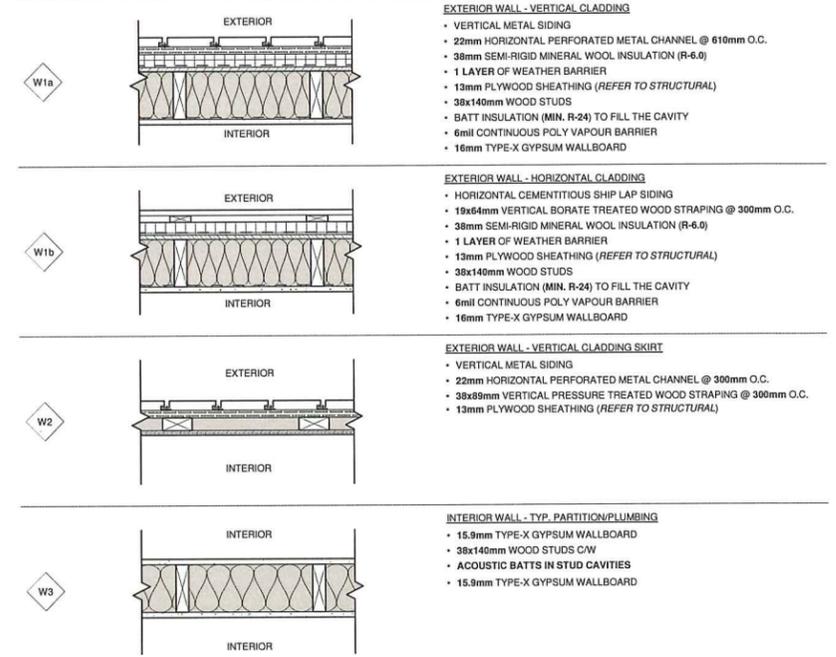
### BUILDING CODE SYNOPSIS

APPLICABLE BUILDING CODE:	NATIONAL BUILDING CODE OF CANADA, 2015 (NBCC)   PART 9		
OCCUPANCY CLASSIFICATION:	GROUP C RESIDENTIAL OCCUPANCY		
BUILDING AREA:	173m <sup>2</sup> (1863 SF)		
PATIO DECK AREA:	23m <sup>2</sup> (248 SF)		
ENTRY DECK AREA:	8m <sup>2</sup> (87 SF)		
BUILDING HEIGHT:	1 STOREY		
STREETS:	BUILDING FACES 1 STREET		
OCCUPANT LOAD PER 9.10.18.2(2) AND TABLE 9.10.18.2	ALLOWABLE OL	10 PERSONS	
	DESIGN OL TOTAL	8 PERSONS	
WATER CLOSET REQUIREMENTS: PER 9.31.4.1.(1)		REQUIRED	PROVIDED
	UNIVERSAL	1	2
	TOTAL	1	2
BUILDING SIZE AND CONSTRUCTION RELATIVE TO OCCUPANCY:	9.10.8.1.1, 9.10.8.3 AND TABLE 9.10.8.1 GROUP C, UP TO 3 STOREYS		
	CONSTRUCTION TYPE	REQUIRED	PROVIDED
	ROOF	COMBUSTIBLE OR NON-COMBUSTIBLE	COMBUSTIBLE
	MEZZANINE	NOT REQUIRED	N/A
	FLOOR	45min IF COMBUSTIBLE	N/A
	LOADBEARING ELEMENTS	45min IF COMBUSTIBLE (EXCEPT OVER CRAWL SPACES)	N/A
		NON-COMBUSTIBLE OR 45min IF COMBUSTIBLE	F.R.R. = 45 min
FIRE ALARM SYSTEM:	NOT REQUIRED AS PER 9.10.18.2		
SPRINKLERS:	NOT REQUIRED AS PER 3.2.5.12		
SMOKE ALARM:	REQUIRED AS PER 9.10.19		
EXIT SIGNS:	NOT REQUIRED AS PER 9.9.11.		
EMERGENCY LIGHTING:	REQUIRED AS PER 9.9.12.1		
FIRE SEPARATIONS: AS PER NBCC 3.3.1.4.2 AND 3.3.4.2.1		REQUIRED	PROVIDED
	PUBLIC CORRIDOR	FIRE SEPARATION FIRE RESISTANCE RATING = 45min	F.R.R. = 60 min
	SEPARATION BW SUITES	FIRE SEPARATION FIRE RESISTANCE RATING = 60min	F.R.R. = 60 min
FIRE BLOCKS:	CONCEALED SPACES IN INTERIOR WALL AND CEILING SPACES SHALL BE SEPARATED FROM CONCEALED SPACES IN EXTERIOR WALLS AND ATTIC OR ROOF SPACES BY FIRE BLOCKS PER NBCC SECTION 9.10.16		
PORTABLE FIRE EXTINGUISHERS: NBCC 9.10.20.4	PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED AND INSTALLED THROUGHOUT THE BUILDING IN ACCORDANCE w/ PROVINCIAL OR TERRITORIAL REGULATIONS OR MUNICIPAL BYLAWS, OR THE NATIONAL FIRE CODE (NFC), IN THE ABSENCE OF THE PROVINCIAL OR TERRITORIAL REGULATIONS OR MUNICIPAL BYLAWS. PORTABLE FIRE EXTINGUISHERS SHALL BE LOCATED SO THAT THE TRAVEL DISTANCE TO A FIRE EXTINGUISHER DOES NOT EXCEED 15 m; SHALL BE MOUNTED BY MEANS OF WALL ATTACHMENT & SHALL BE LOCATED SO THAT THEY ARE NOT UNDULY EXPOSED TO FIRE HAZARDS AND, WHERE POSSIBLE, AT OR NEAR EXITS FROM THE BUILDING AND, IF APPLICABLE, INSIDE THE KITCHEN.		

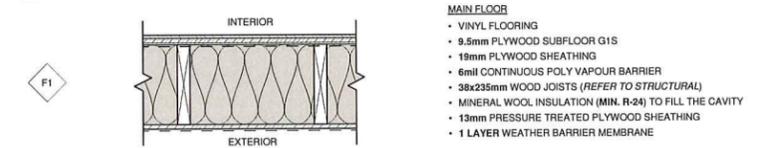
### MATERIAL GRAPHICS



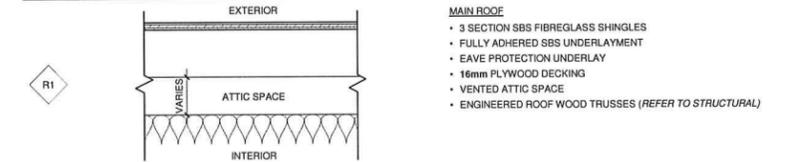
### WALL ASSEMBLIES



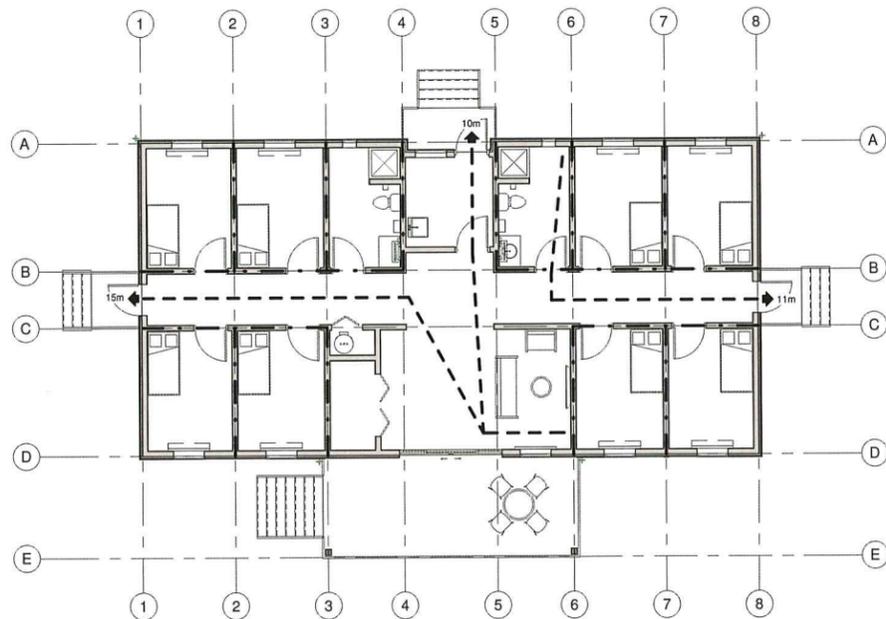
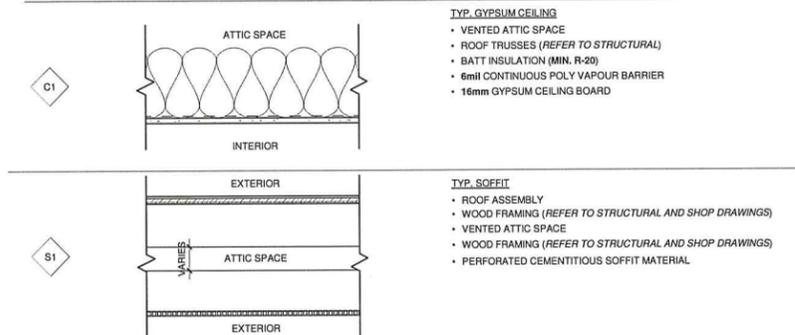
### FLOOR ASSEMBLIES



### ROOF ASSEMBLIES



### CEILING & SOFFIT ASSEMBLIES



1 MAIN FLOOR PLAN - EGRESS PATHWAYS  
1 : 100



**FISHERIES AND OCEANS CANADA**  
REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE**  
**NEW STAFF BUILDING**

**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**

**CODE ANALYSIS & ASSEMBLIES**

SCALE	As Indicated
START DATE	2019.04.24
DRAWING NUMBER	<b>A003</b>
REVISION	<b>2</b>

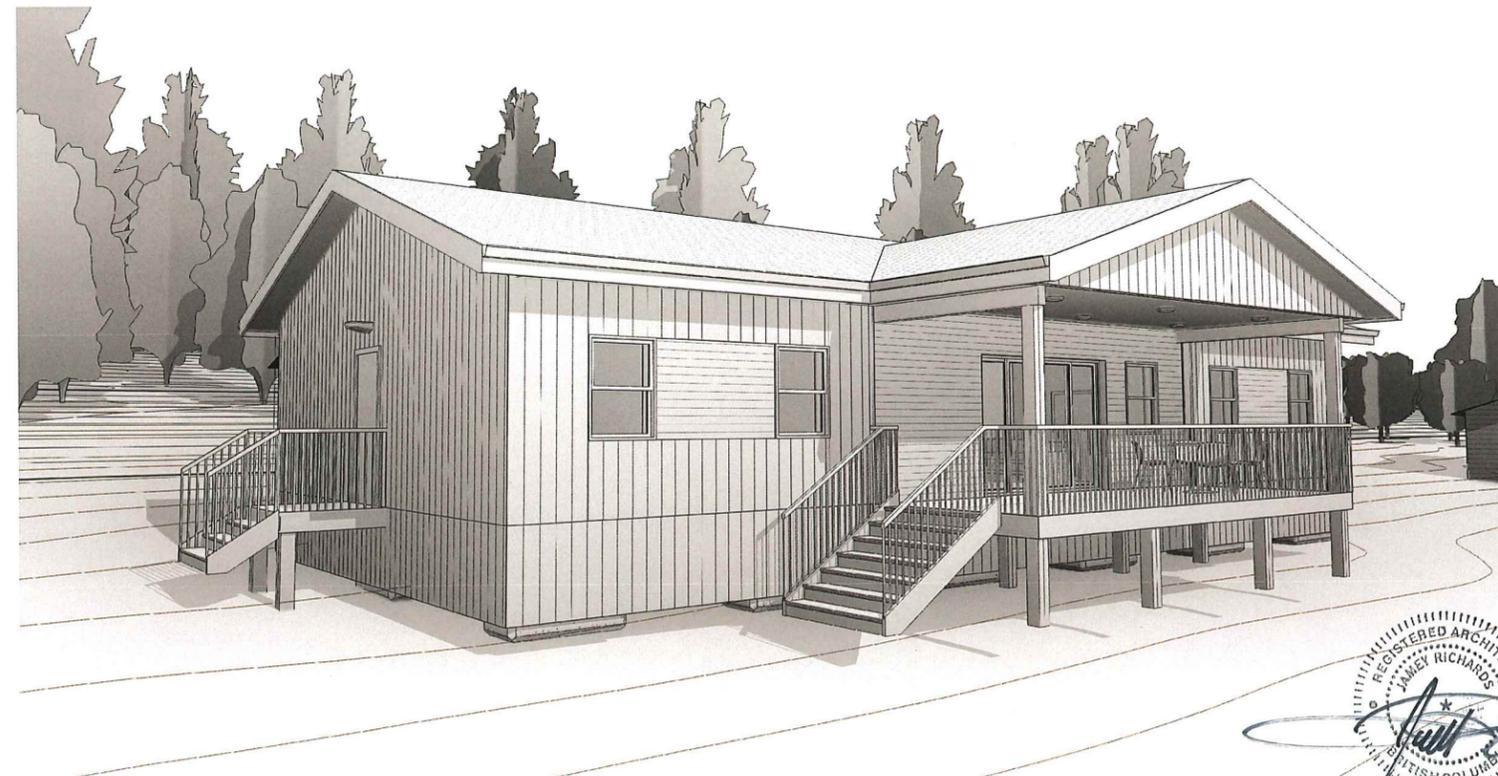
DESIGNED:	DIA
DRAWN:	JS
CHECKED:	JP
RECOMMENDED:	
APPROVED:	DIA
APPROVED:	

ISSUED FOR TENDER	2	MAY 2019
ISSUED FOR REVIEW	1	2019.02.25

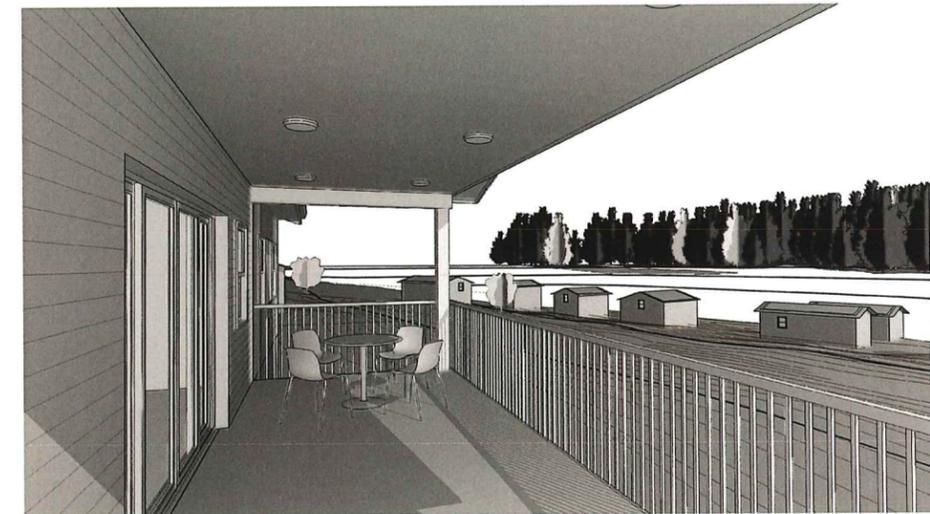
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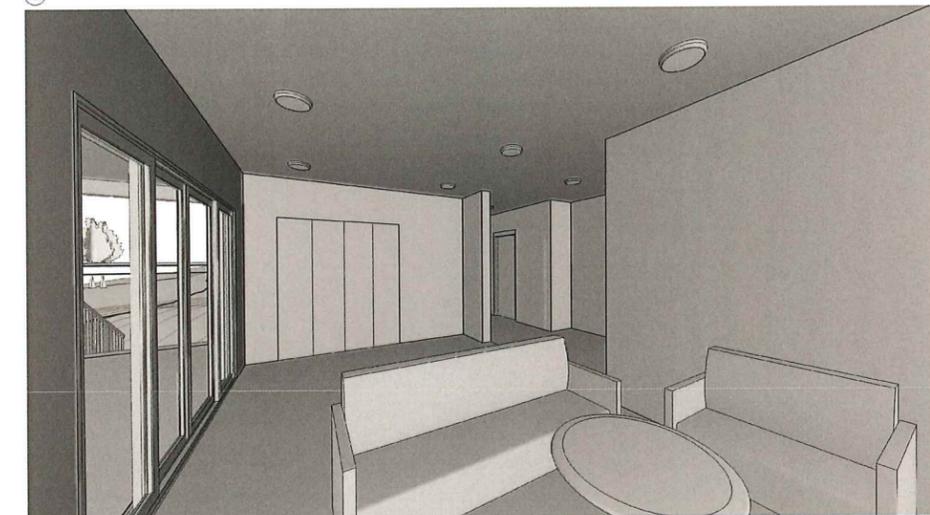
① EXTERIOR PERSPECTIVE



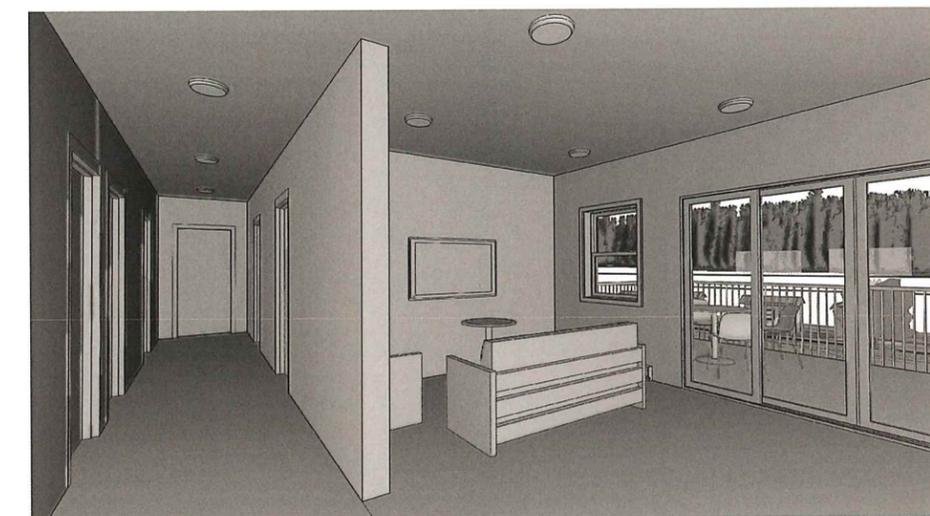
② EXTERIOR PERSPECTIVE



③ VIEW FROM PORCH



④ VIEW FROM ENTRY FOYER



⑤ VIEW FROM MAIN CORRIDOR



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DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS	DESIGNED DIA	<b>FISHERIES AND OCEANS CANADA</b> <b>REAL PROPERTY AND SAFETY AND SECURITY</b>  <b>BABINE FENCE SITE</b> <b>NEW STAFF BUILDING</b>  <b>KM 60, FSR4000</b> <b>BULKLEY NECHAKO, BC</b> <b>PERSPECTIVE VIEWS</b>	SCALE
						DRAWN JS		START DATE
						CHECKED JP		2019.04.24
						RECOMMENDED		DRAWING NUMBER
						APPROVED DIA		<b>A004</b>
						APPROVED DIA	REVISION	<b>2</b>

100% DRAWING UNIT  
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2 MAY 2019  
 1 2019.02.25

ISSUED FOR TENDER  
 ISSUED FOR REVIEW

APPROVED  
 APPROVED



② LOCAL SITE PLAN  
1 : 250



① OVERALL SITE PLAN  
1 : 2000

**LEGAL DESCRIPTION**

PROJECT ADDRESS:  
BABINE FISH FENCE CAMPSITE  
KILOMETER 60, FSR4000  
REGIONAL DISTRICT BULKLEY NECHAKO, BC

OWNER:  
FISHERIES AND OCEANS CANADA, PACIFIC REGION

KEVIN PATE, PROJECT ENGINEER  
E: (804) 666-7490  
E: kevin.pate@dfo-mpo.gc.ca

**LOCATION MAP**



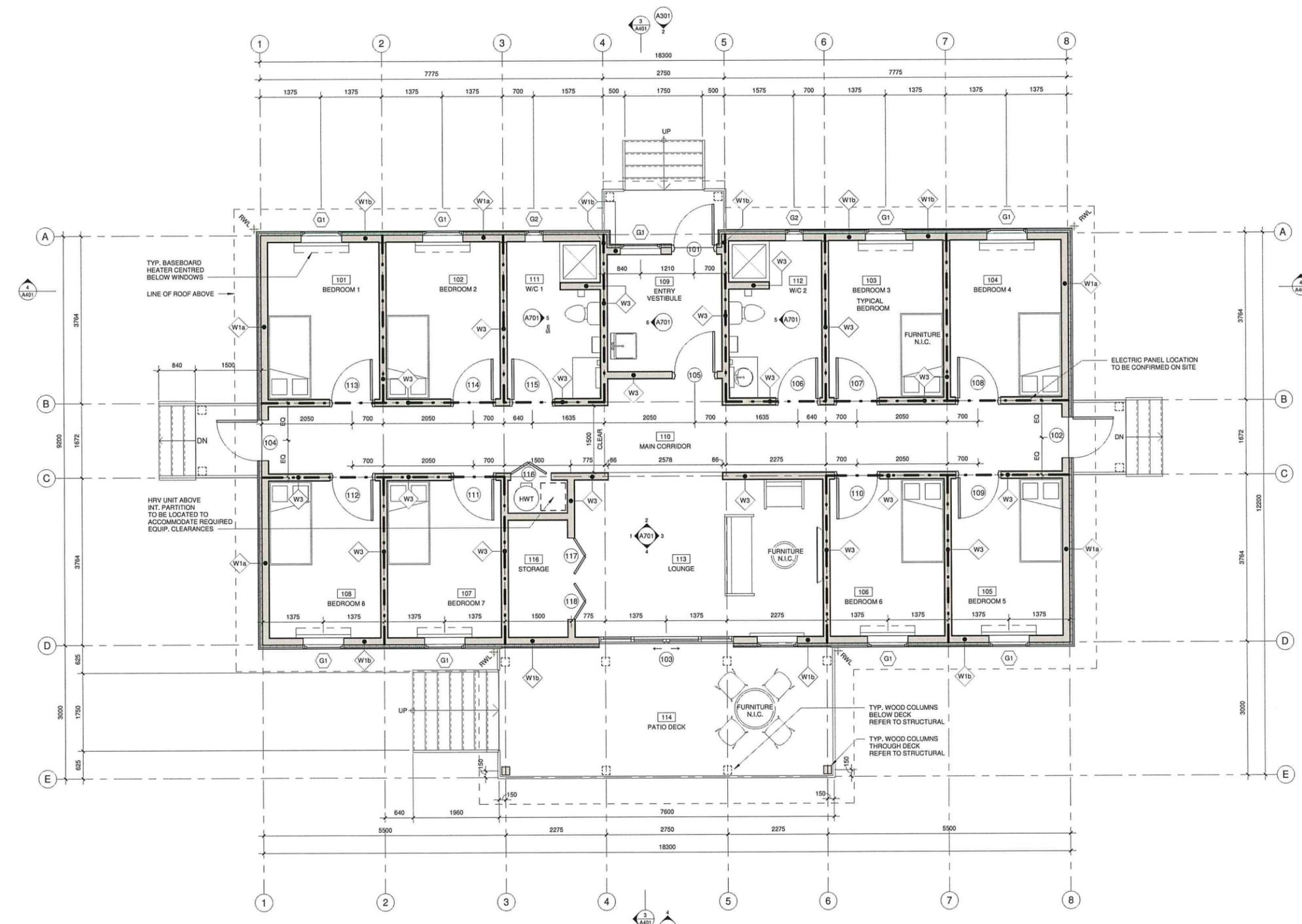
**FISHERIES AND OCEANS CANADA**  
REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE**  
**NEW STAFF BUILDING**  
**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**  
**SITE PLAN**

SCALE	As indicated
START DATE	2019.04.24
DRAWING NUMBER	<b>A101</b>
REVISION	<b>2</b>

Plotted: 5/13/19 4:11:47 PM

DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS
		<p>DESIGNED: DJA</p> <p>DRAWN: JS</p> <p>CHECKED: JP</p> <p>RECOMMENDED:</p> <p>APPROVED: BJA</p> <p>APPROVED:</p>	2	MAY 2019	ISSUED FOR TENDER
		<p>NOTE: DESIGNER'S NOTE</p> <p>THE DRAWINGS FOR THIS PROJECT ARE COMPLETED IN METRIC. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL DIMENSIONS FOR SUBMITTALS, CORRESPONDENCE, PRODUCT INFORMATION AND ALL GENERAL REFERENCES ARE ALSO REQUIRED TO BE COMPLETED AND SUBMITTED TO THE CONSULTANT IN METRIC.</p>	1	2019.02.25	ISSUED FOR REVIEW



① MAIN FLOOR PLAN  
1 : 50

**FIRE RESISTANCE RATING**

--- FRR 60min



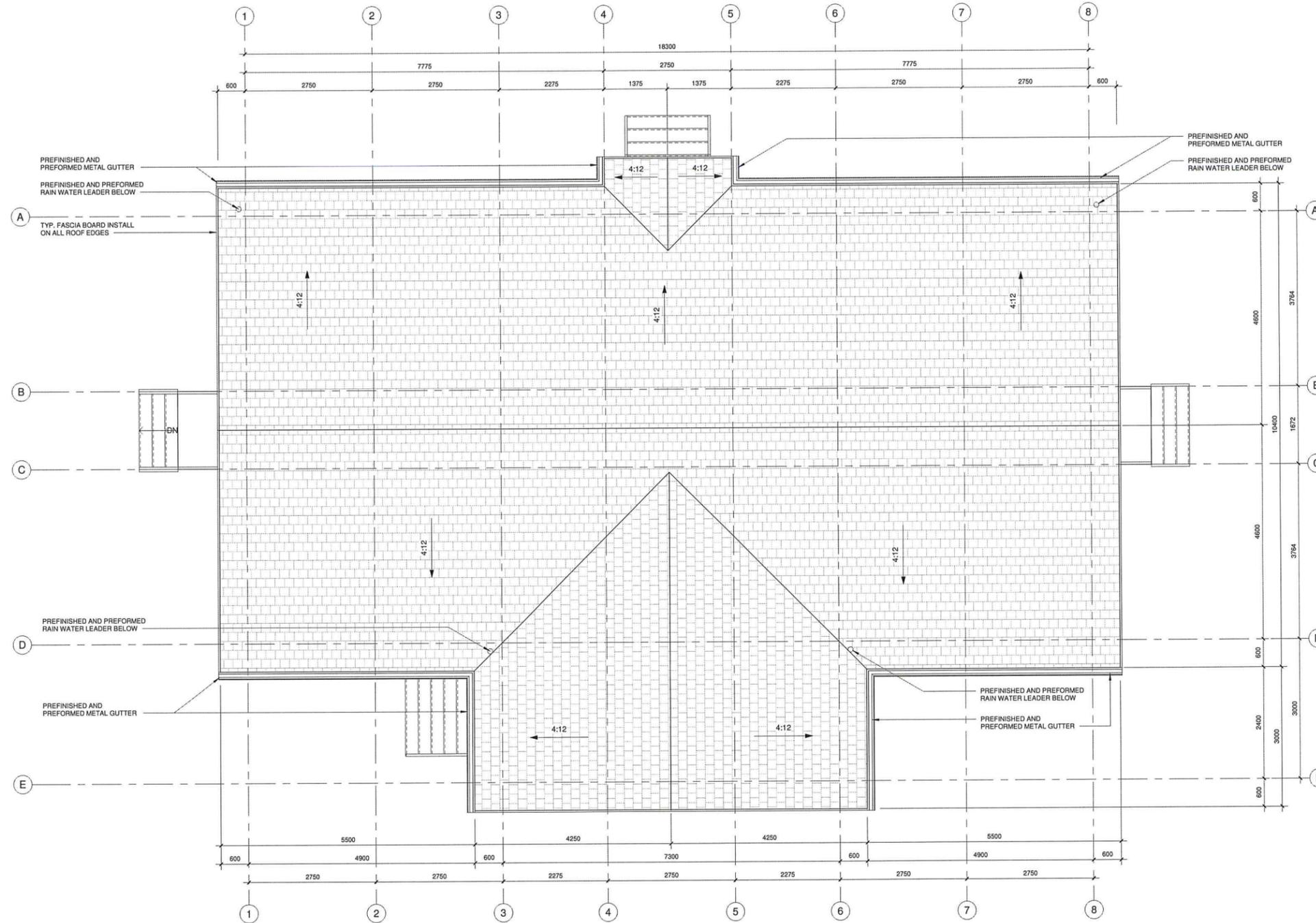
**FISHERIES AND OCEANS CANADA**  
REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE**  
**NEW STAFF BUILDING**  
**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**  
**FLOOR PLAN**

SCALE	As indicated
START DATE	2019.04.24
DRAWING NUMBER	<b>A201</b>
REVISION	<b>2</b>

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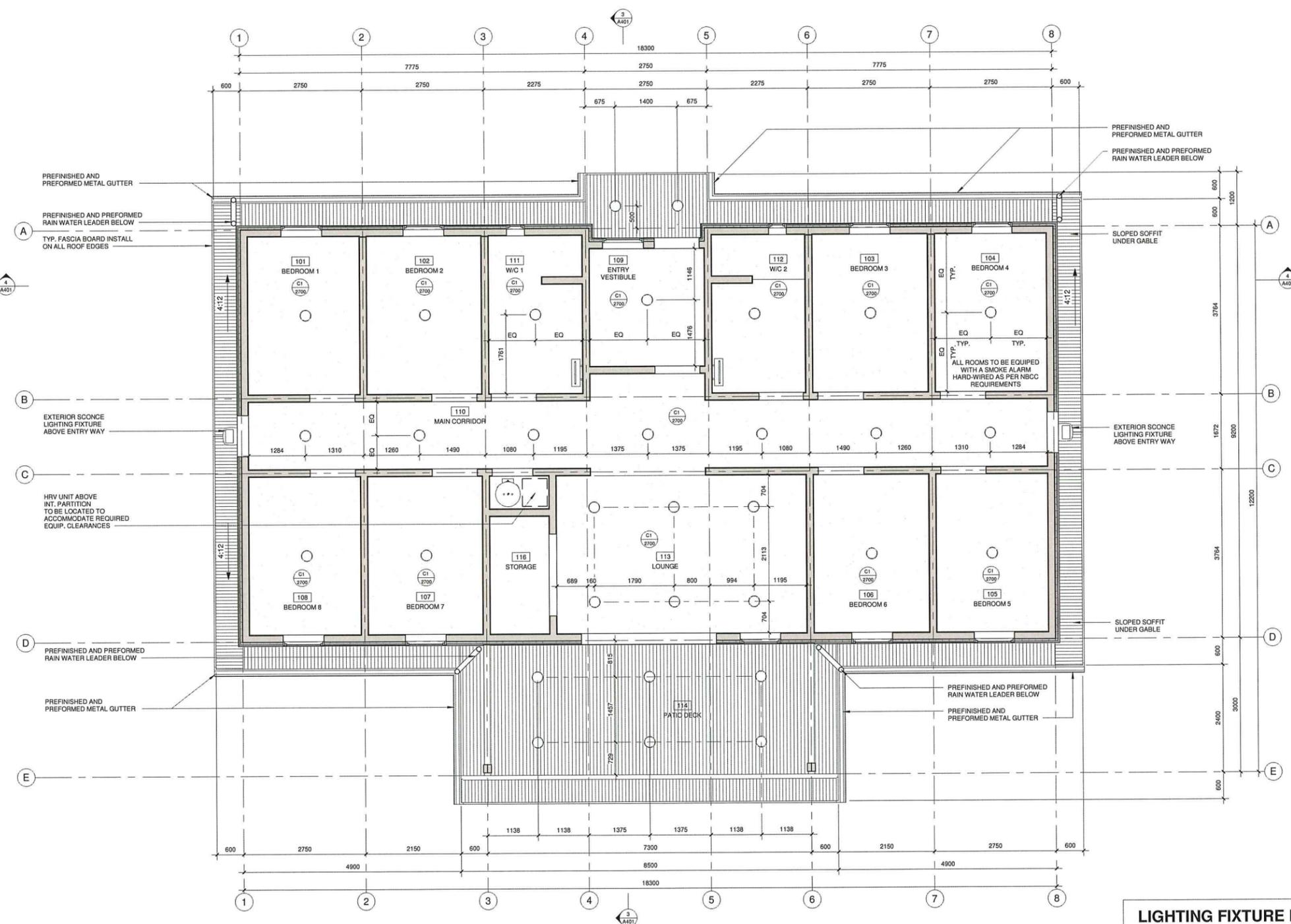
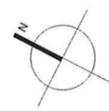
DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS	DESIGNED	DRAWN	CHECKED	RECOMMENDED	APPROVED
		<p>NET: 00000000</p> <p>THE DRAWING IS FOR THE PROJECT AS COMPLETED IN METRIC. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL CONTRACT SUBMITTALS, CORRECTIONS, PRODUCT INFORMATION AND ALL GENERAL REFERENCES ARE ALSO REQUIRED TO BE COMPLETED AND SUBMITTED TO THE CONSULTANT IN METRIC.</p>	2	MAY 2019	ISSUED FOR TENDER					
			1	2019.02.29	ISSUED FOR REVIEW					



 <b>FISHERIES AND OCEANS CANADA</b> REAL PROPERTY AND SAFETY AND SECURITY	
<b>BABINE FENCE SITE</b> <b>NEW STAFF BUILDING</b>	
<b>KM 60, FSR4000</b> <b>BULKLEY NECHAKO, BC</b>	
<b>ROOF PLAN</b>	
DESIGNED: DIA	SCALE: 1:50
DRAWN: JS	START DATE: 2019.04.24
CHECKED: JP	DRAWING NUMBER: <b>A202</b>
RECOMMENDED:	REVISION: <b>2</b>
APPROVED: DIA	
APPROVED:	

Plotted: 5/13/19 4:11:45 PM

DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS
		<p><small>NOTE: FLOOR FINISH</small></p> <p><small>THE DRAWING MUST BE COMPLETED IN METRIC. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL CONTRACTOR QUANTITIES, CORRECTIONS, ETC. MUST BE SUBMITTED TO THE CONSULTANT IN METRIC.</small></p>	2	MAY 2019	ISSUED FOR TENDER
			1	2019.02.25	ISSUED FOR REVIEW



1 REFLECTED CEILING PLAN  
1:50



LIGHTING FIXTURE LEGEND	
	<b>INTERIOR LIGHTING</b> CEILING MOUNTED LED 7" ROUND VERSI LIGHT WHITE FINISH 3000K/FMML-13-830
	<b>EXTERIOR LIGHTING (WET RATED)</b> WALL MOUNTED GARCO AEROSCAPE LED SCENCE 32L-1000-NW-G2-SM-3-HVU OR SIMILAR
	<b>INTERIOR LIGHTING</b> WALL MOUNTED LED VANITY LIGHT CENTRED OVER MIRROR
	<b>EXTERIOR LIGHTING (WET RATED)</b> SOFFIT MOUNTED LED 7" ROUND VERSI LIGHT BLACK FINISH 3000K/FMML-7-830

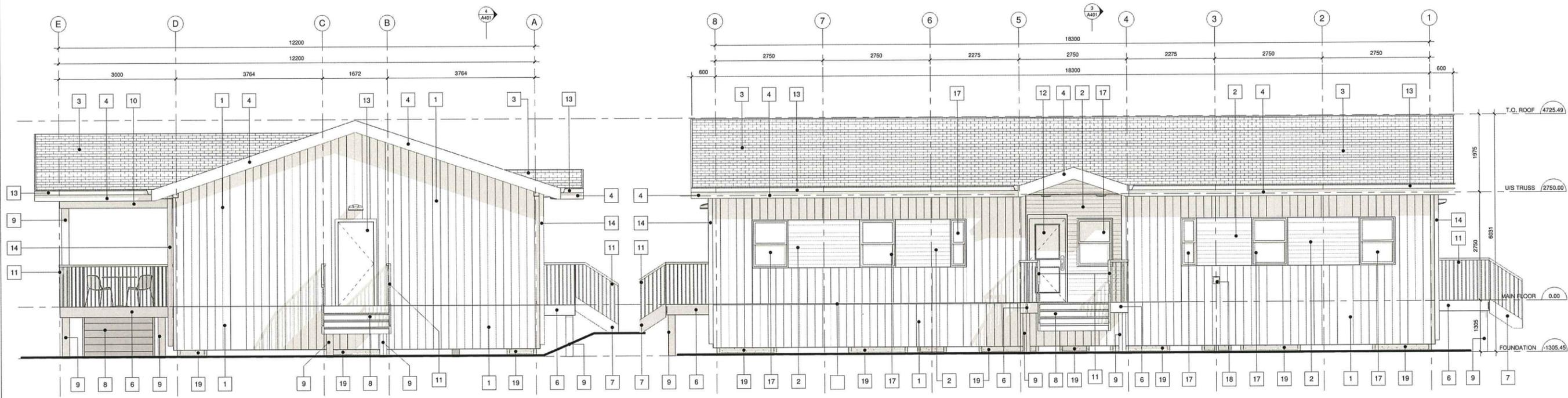
**FISHERIES AND OCEANS CANADA**  
REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE**  
**NEW STAFF BUILDING**  
**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**  
**REFLECTED CEILING PLAN**

SCALE	As indicated
START DATE	2017.04.24
DRAWING NUMBER	<b>A203</b>
REVISION	<b>2</b>

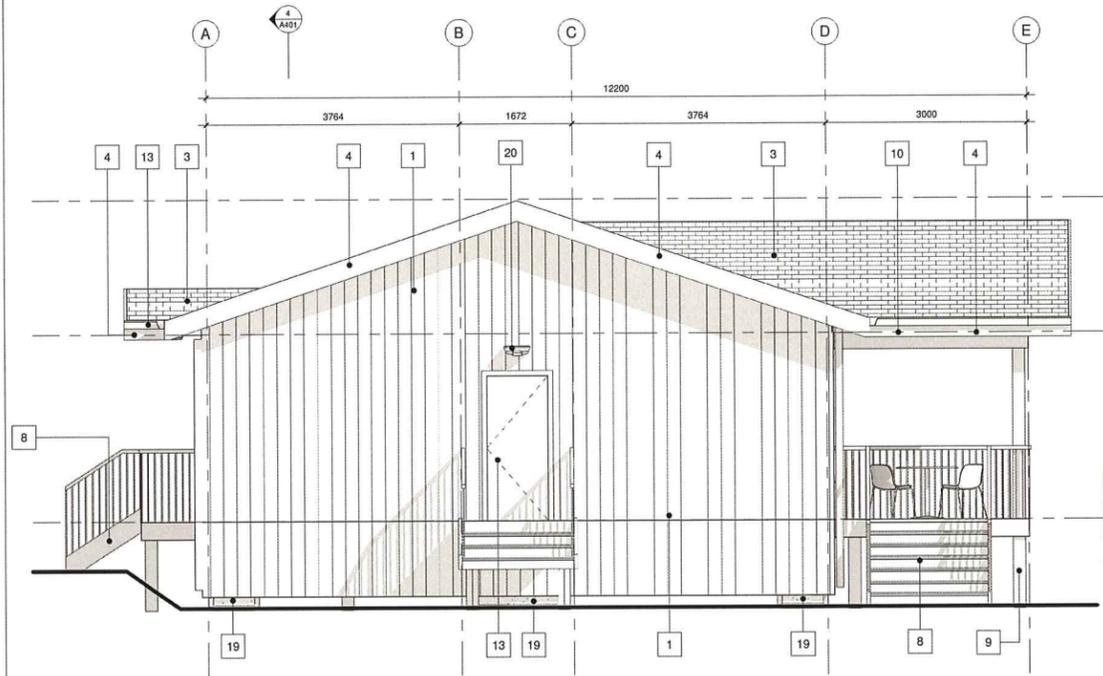
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DWG. NO.	DRAWING REFERENCES	NOTES	N.O.	DATE	REVISIONS	DESIGNED	DRAWN	CHECKED	RECOMMENDED	APPROVED	DATE
		<p>NOTE: FEDERAL LEGISLATION</p> <p>THE LEGISLATION FOR THIS PROJECT IS COMPLETED IN METRIC. ALL DIMENSIONS UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL CONTRACTOR SUBMITTALS, COOPERATION, PROJECT ADMINISTRATION AND ALL GENERAL REFERENCES ARE ALSO PROVIDED TO BE COMPLETED AND SUBMITTED TO THE CONSULTANT IN METRIC.</p>	2	19.11.2019	ISSUED FOR REVIEW						
			1	2019.02.25	ISSUED FOR REVIEW						

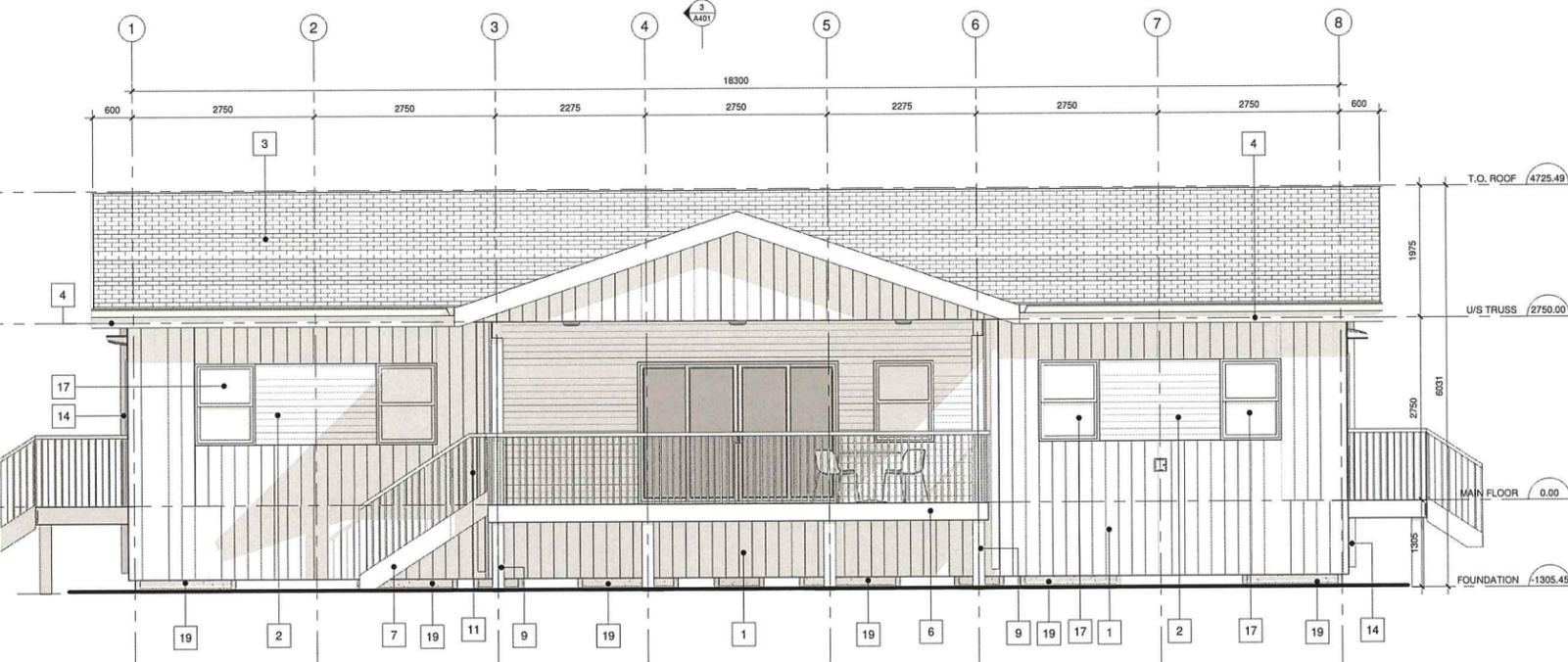


1 EAST ELEVATION  
1 : 50

2 NORTH ELEVATION  
1 : 50



3 WEST ELEVATION  
1 : 50



4 SOUTH ELEVATION  
1 : 50

- 1 VERTICAL METAL SIDING - DARK GREY
- 2 HORIZONTAL METAL SIDING - CEDAR LOOK
- 3 SBS FIBREGLASS SHINGLE ROOFING
- 4 PRESSURE TREATED FASCIA BOARD
- 6 PRESSURE TREATED RIM JOIST
- 7 PRESSURE TREATED STAIR STRINGER
- 8 PRESSURE TREATED WOOD STAIRS
- 9 PRESSURE TREATED WOOD COLUMN
- 10 PRESSURE TREATED WOOD BEAM
- 11 ANODIZED ALUMINUM GUARDRAIL
- 12 METAL PANEL DOOR
- 13 METAL GUTTER
- 14 METAL RAINWATER LEADER
- 17 VINYL NAIL-ON WINDOW
- 18 NON-FREEZE EXTERIOR WALL HYDRANT
- 19 CONCRETE BLOCK FOOTING
- 20 EXTERIOR WALL SCONCE LIGHT



\*ALL WINDOWS IN DWELLING UNITS TO CONFORM WITH NBCC 9.9.10.1.

**FISHERIES AND OCEANS CANADA**  
REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE**  
**NEW STAFF BUILDING**

**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**

**BUILDING ELEVATIONS**

SCALE  
1 : 50

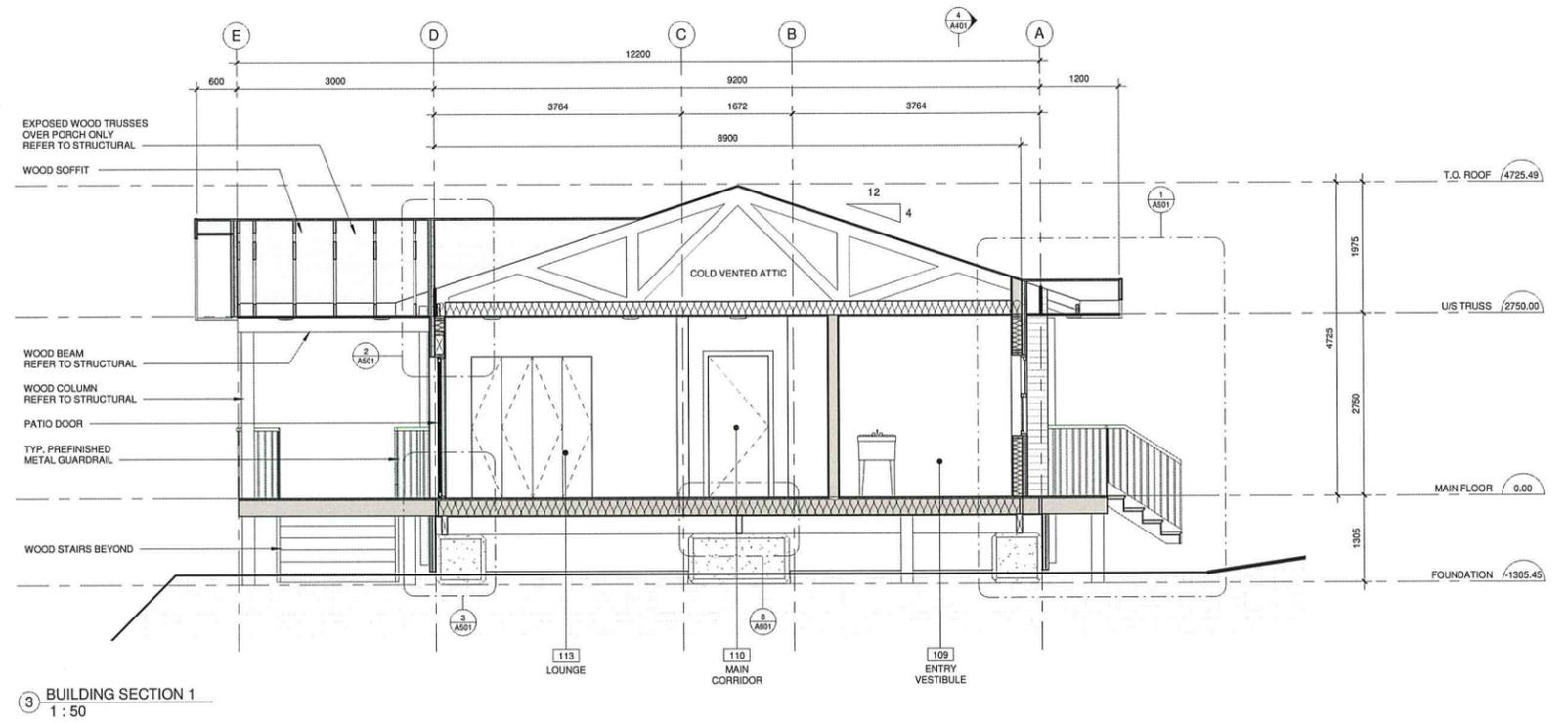
START DATE  
2019.04.24

DRAWING NUMBER  
**A301**

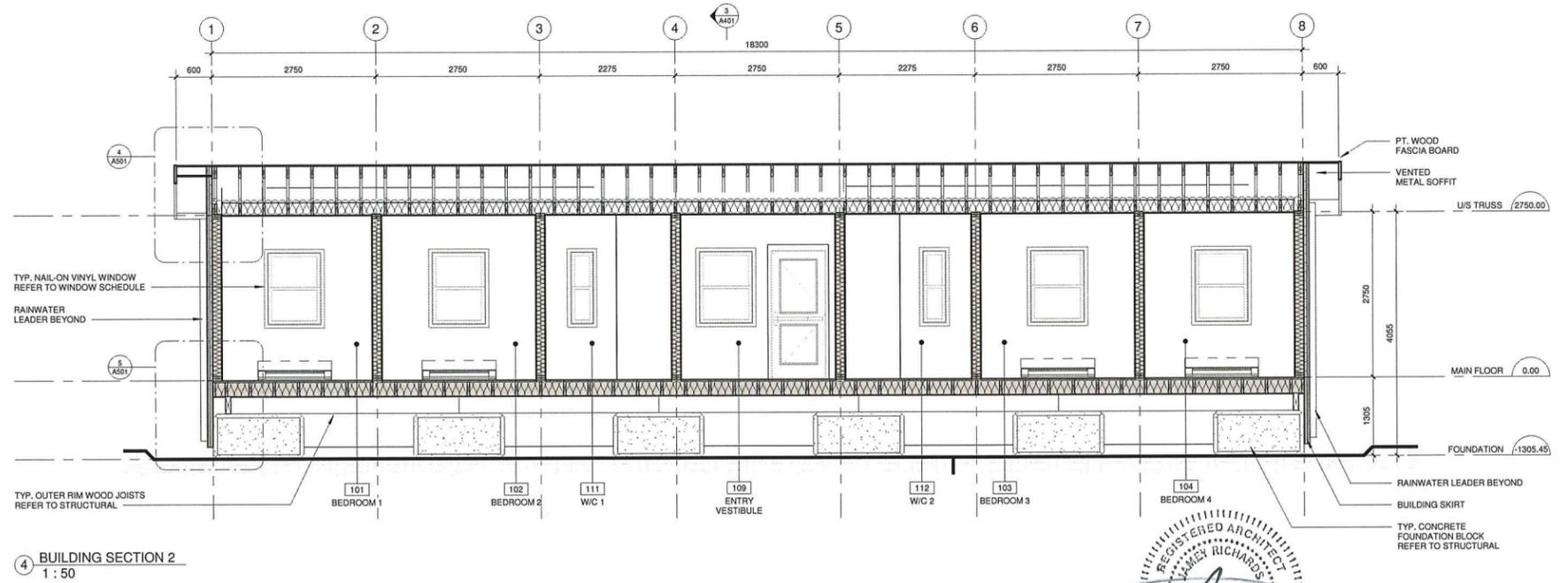
REVISION  
**2**

Plotter: 8/13/19 4:11:56 PM

DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS
		<p>DESIGNED: DJIA</p> <p>ERWIN JS</p> <p>CHECKED: JP</p> <p>RECOMMENDED:</p> <p>APPROVED: DJIA</p> <p>APPROVED:</p>	2	MAY 2019	ISSUED FOR TENDER
		<p>1</p>	2019.02.25	ISSUED FOR REVIEW	



3 BUILDING SECTION 1  
1 : 50



4 BUILDING SECTION 2  
1 : 50



FISHERIES AND OCEANS CANADA  
REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE  
NEW STAFF BUILDING**  
**KM 60, FSR4000  
BULKLEY NECHAKO, BC**  
**BUILDING SECTIONS**

SCALE	1 : 50
START DATE	2019.04.24
DRAWING NUMBER	<b>A401</b>
REVISION	<b>2</b>

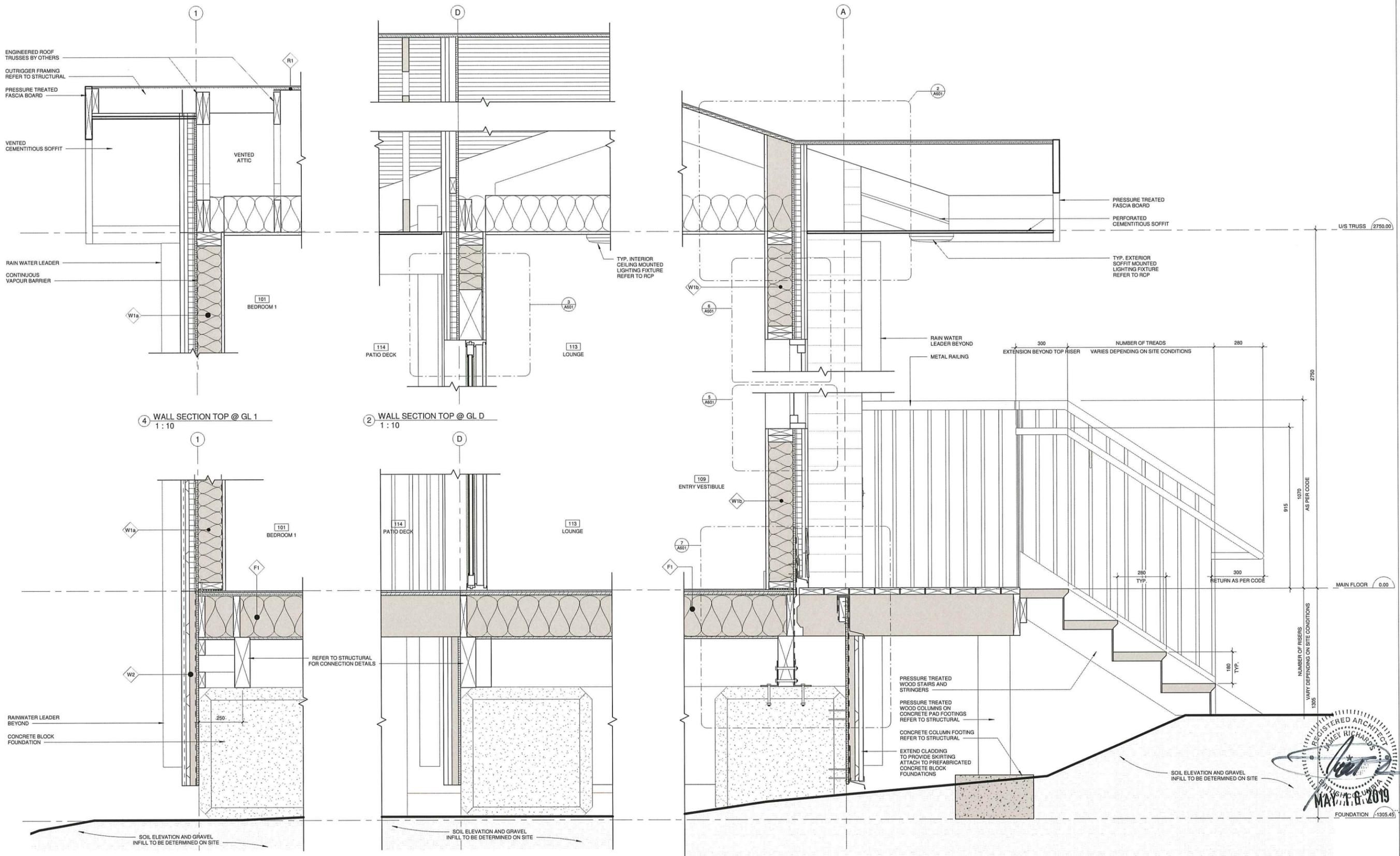
DESIGNED	DIA
DRAWN	JS
CHECKED	JP
RECOMMENDED	
APPROVED	DIA
APPROVED	

NO.	DATE	REVISIONS
2	MAY 2019	ISSUED FOR TENDER
1	2019.02.29	ISSUED FOR REVIEW

NO.	DATE	NOTES
2	MAY 2019	
1	2019.02.29	

DWG. NO.	DRAWING REFERENCES

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**FISHERIES AND OCEANS CANADA**  
REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE**  
**NEW STAFF BUILDING**

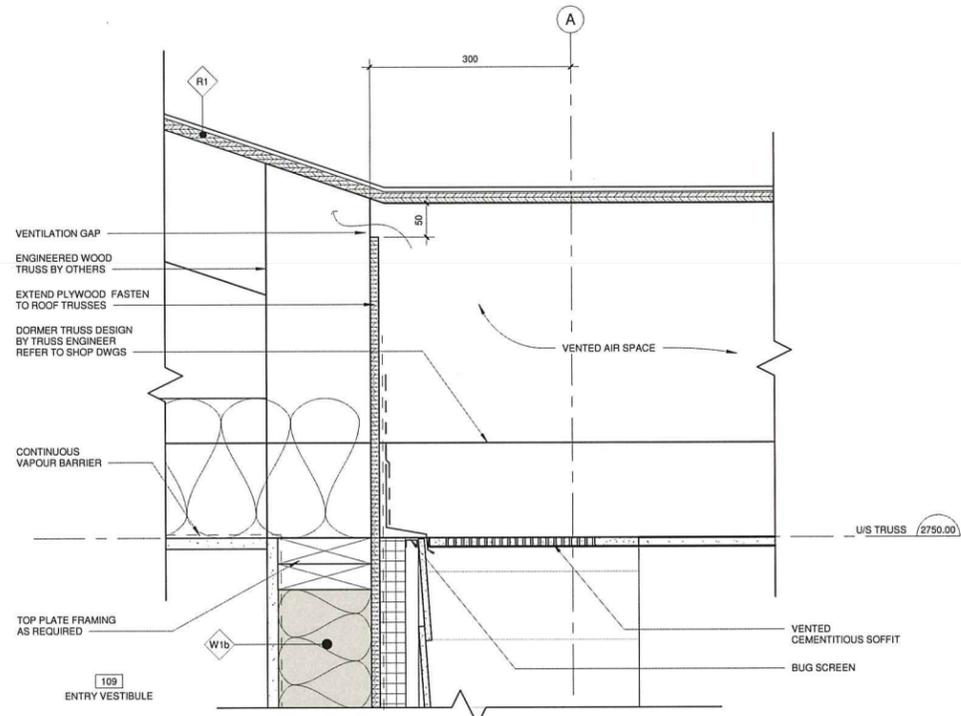
**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**

**WALL SECTIONS**

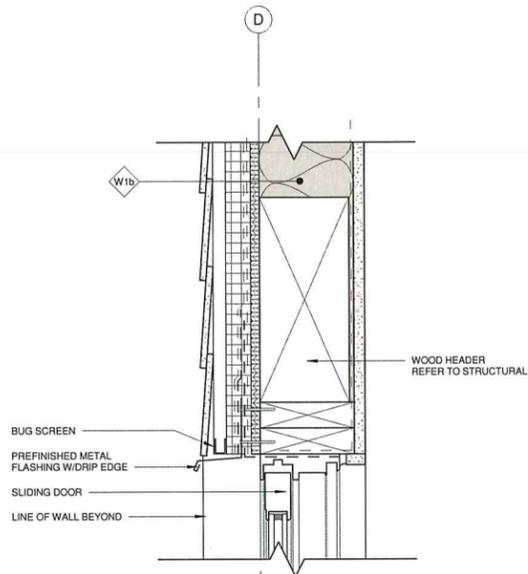
DESIGNED: DIA	SCALE: 1:10
DRAWN: JS	START DATE: 2019.04.24
CHECKED: JF	DRAWING NUMBER: A501
RECOMMENDED:	REVISION: 2
APPROVED: DIA	
APPROVED:	

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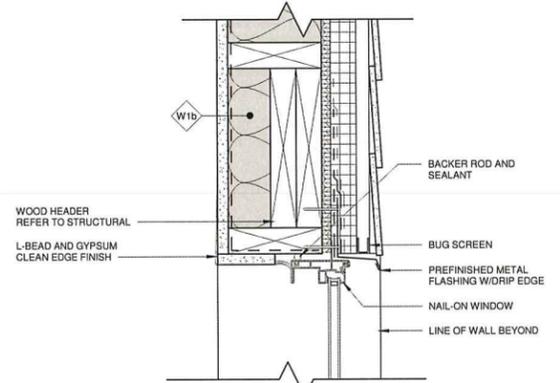
DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS
		<p><small>NOTE: DIMENSIONS</small></p> <p><small>THE DRAWING FOR THIS PROJECT IS COMPLETED IN METRIC. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL CONTRACT SUBMITTALS, CORRESPONDENCE, PRODUCT INFORMATION AND ALL GENERAL NOTES, ARE ALSO REQUIRED TO BE COMPLETED AND SUBMITTED BY THE CONSULTANT IN METRIC.</small></p>	2	MAY 2019	ISSUED FOR TENDER
			1	2019.02.25	ISSUED FOR REVIEW



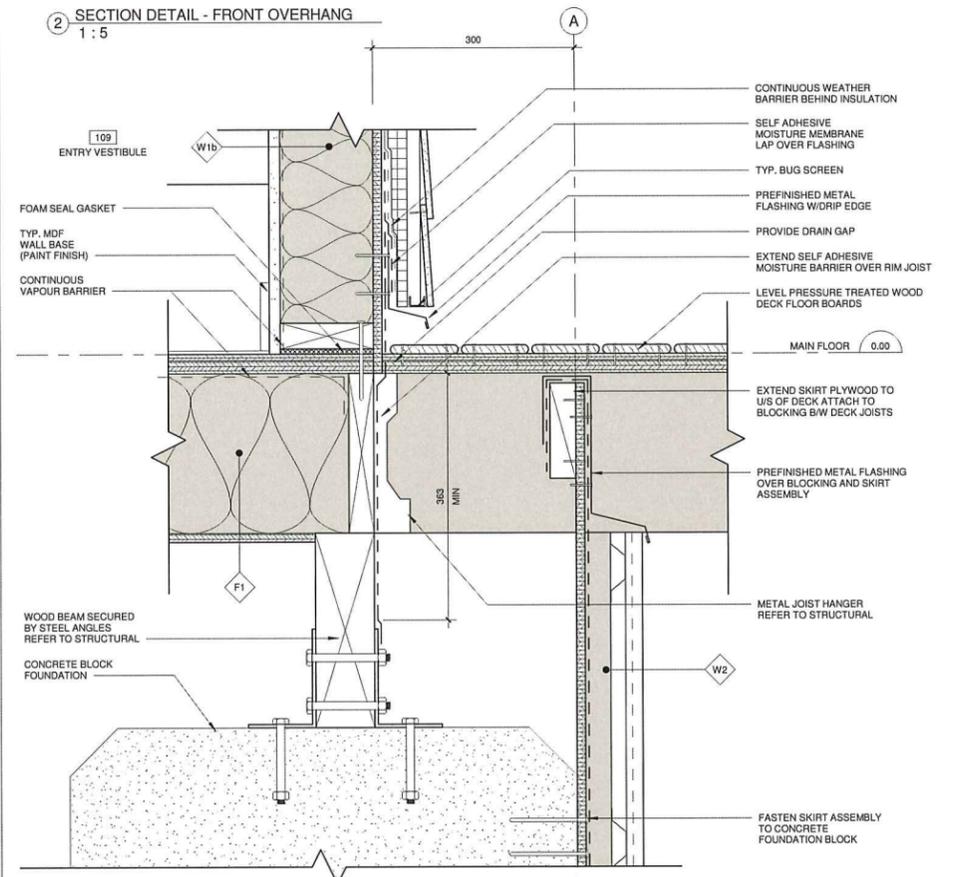
2 SECTION DETAIL - FRONT OVERHANG  
1:5



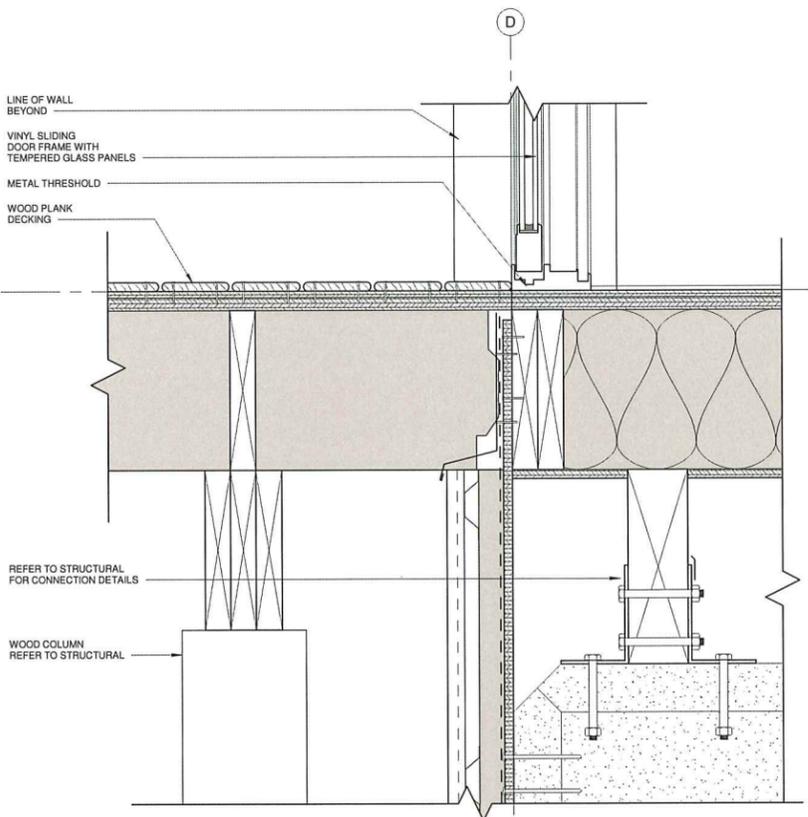
3 SECTION DETAIL - SLIDING DOOR @ HEADER  
1:5



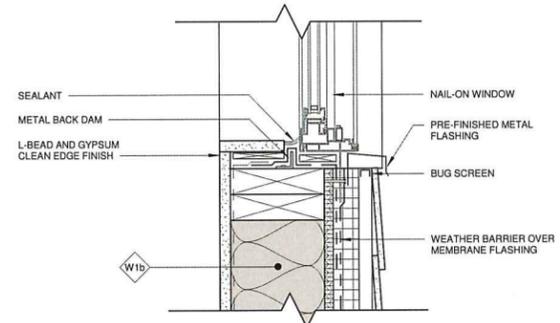
6 SECTION DETAIL - TYP. WINDOW HEADER  
1:5



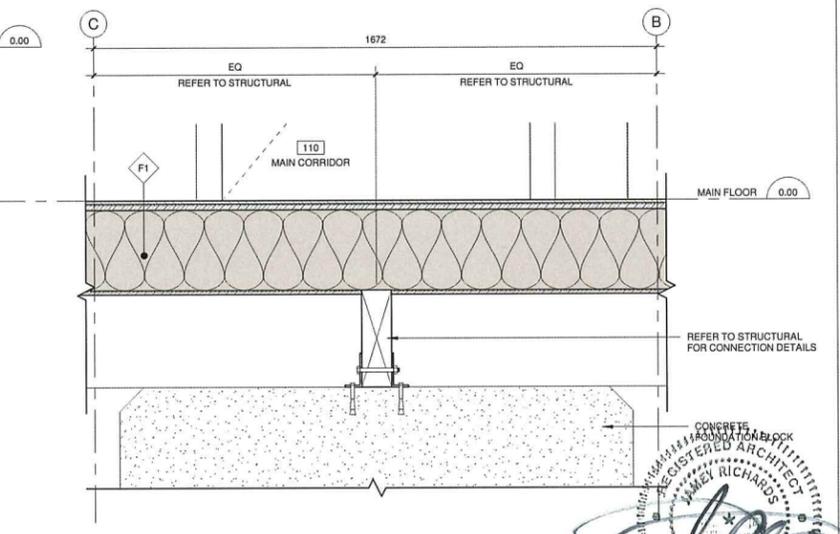
7 SECTION DETAIL - WALL BASE @ FRONT PORCH  
1:5



4 SECTION DETAIL - SLIDING DOOR @ THRESHOLD  
1:5



5 SECTION DETAIL - TYP. WINDOW BASE  
1:5



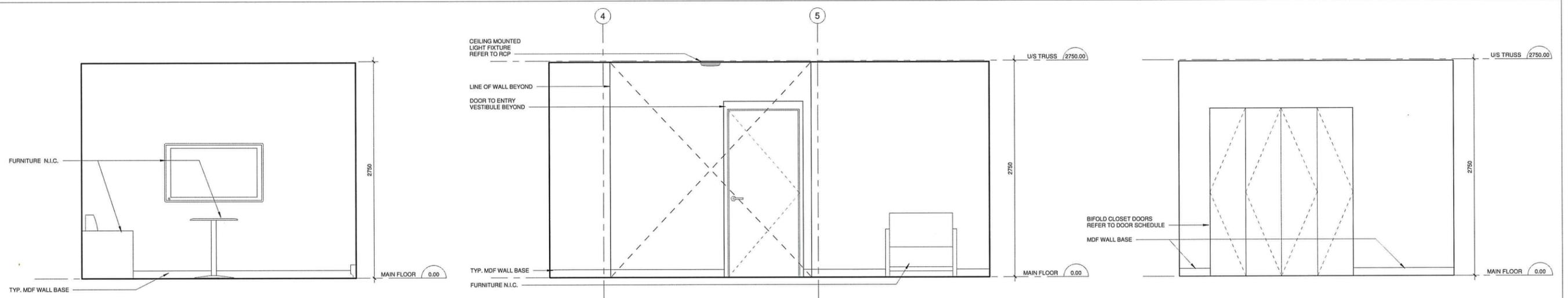
8 SECTION DETAIL - CENTRAL FLOOR BEAM @ CONCRETE BLOCK  
1:10



Plotted: 5/13/19 4:11:59 PM

DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS
		<p>NOTE: (1) ALL DIMENSIONS UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL CONTRACTOR SUBMITTALS, SPECIFICATIONS, PRODUCT INFORMATION AND ALL GENERAL REFERENCES ARE ALSO REQUIRED TO BE COMPLETED AND SUBMITTED TO THE CONSULTANT IN METRIC.</p>	2	MAY 2019	ISSUED FOR TENDER
			1	2019.02.25	ISSUED FOR REVIEW

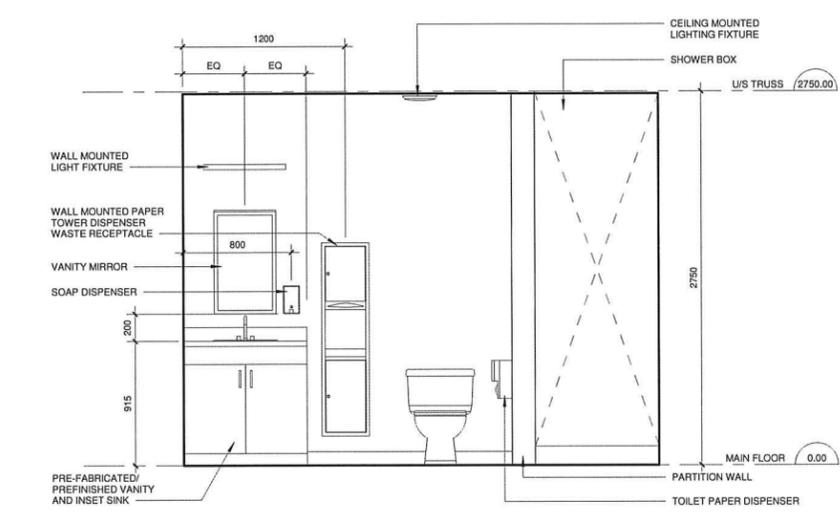
<p><b>FISHERIES AND OCEANS CANADA</b> REAL PROPERTY AND SAFETY AND SECURITY</p> <p><b>BABINE FENCE SITE</b> <b>NEW STAFF BUILDING</b></p> <p><b>KM 60, FSR4000</b> <b>BULKLEY NECHAKO, BC</b></p> <p><b>BUILDING DETAILS</b></p>	SCALE As indicated
	START DATE 2019.04.24
	DRAWING NUMBER <b>A601</b>
	REVISION <b>2</b>



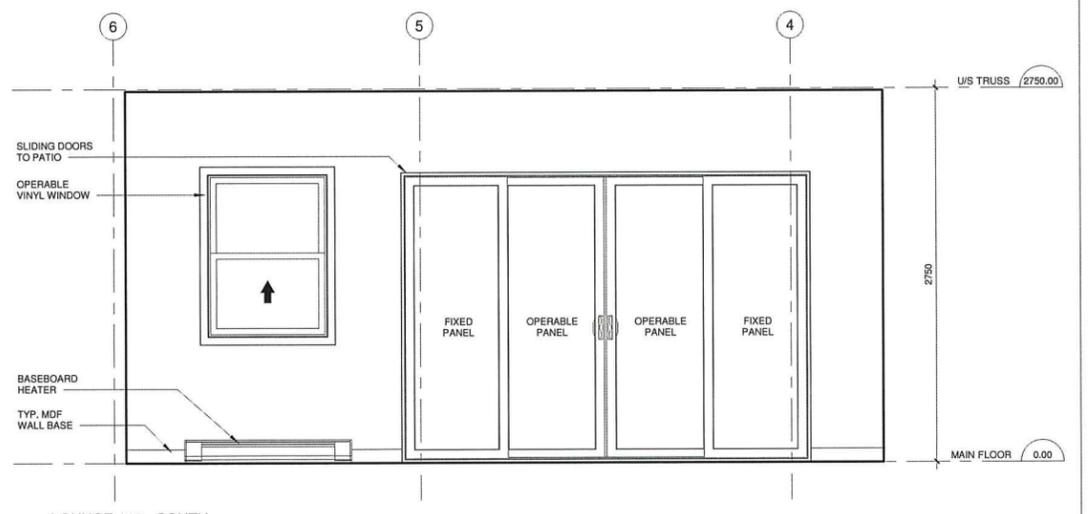
③ LOUNGE 112 - EAST  
1:25

② LOUNGE 112 - NORTH  
1:25

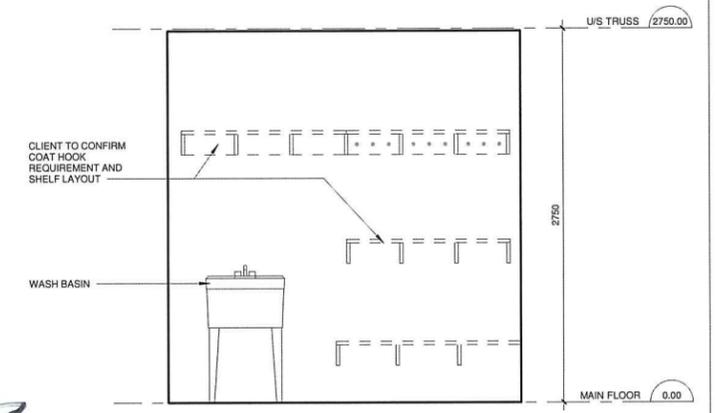
① LOUNGE 112 - WEST  
1:25



⑤ W/C 111 - WEST  
1:25



④ LOUNGE 112 - SOUTH  
1:25



⑥ ENTRY VESTIBULE - WEST  
1:25



**FISHERIES AND OCEANS CANADA**  
REAL PROPERTY AND SAFETY AND SECURITY

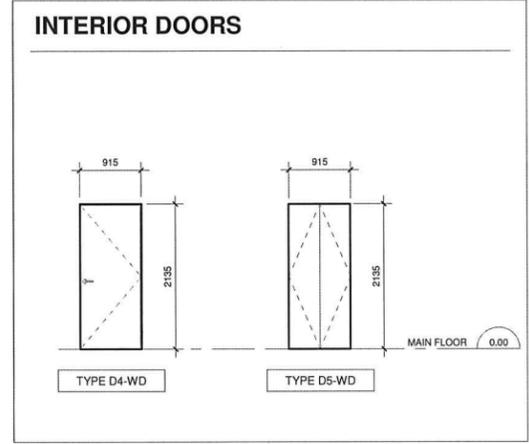
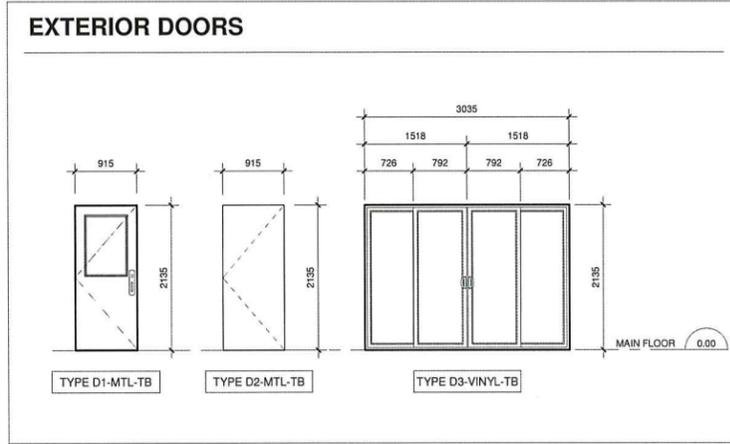
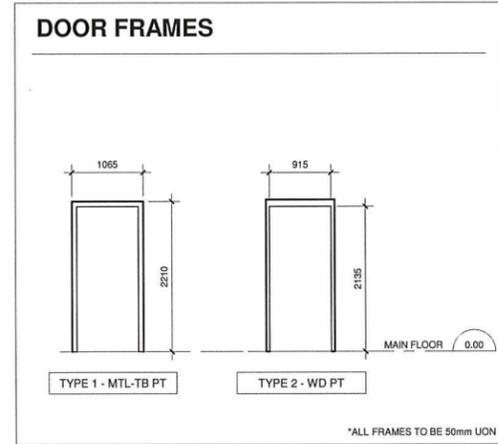
**BABINE FENCE SITE**  
**NEW STAFF BUILDING**  
**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**  
**INTERIOR ELEVATIONS**

SCALE	1:25
START DATE	2019.04.24
DRAWING NUMBER	<b>A701</b>
REVISION	<b>2</b>

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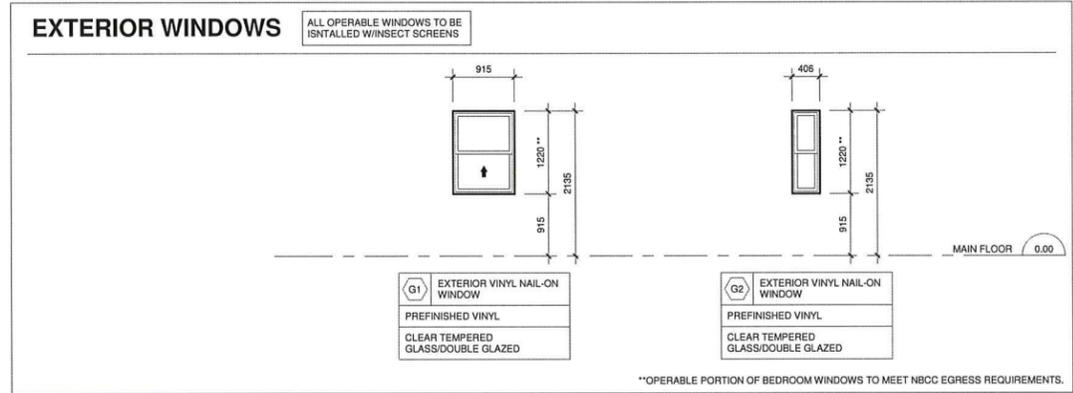
DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS	DESIGNED	DRAWN	CHECKED	APPROVED
		<p>① METRIC DIMENSIONS: UNITS</p> <p>THE DRAWING UNITS FOR THIS PROJECT ARE COMPLETED IN METRIC. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL CONTRACTOR SUBMITTALS, CORRECTIONS, PROJECT INFORMATION AND ALL GENERAL REFERENCES ARE ALSO REQUIRED TO BE COMPLETED AND SUBMITTED TO THE CONSULTANT IN METRIC.</p>	2	MAY 2019	ISSUED FOR TENDER				
			1	2019.02.25	ISSUED FOR REVIEW				

#	DOOR		FRAME										HARDWARE					NOTES				
	FROM:	TO:	TYPE	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	FIRE RATING (ULC)	FRAME TYPE*	FRAME MATERIAL	FRAME FINISH	FRAME FIRE RATING (ULC)	HINGE: EXTERIOR (NRP)	HINGE: INTERIOR	LOCKSET	THRESHOLD / DOOR SWEEP		WEATHER STRIPPING	DOOR STOP	COAT HOOK	FIRE RATING (ULC)
101	ENTRY VESTIBULE	EXTERIOR	D1	915	2135	44	MTL-TB	PT	-	TYPE 1	MTL-TB	PT	-	-	-	EO	-	-	-	-	-	VISION PANEL
102	MAIN CORRIDOR	EXTERIOR	D2	915	2135	44	MTL-TB	PT	-	TYPE 1	MTL-TB	PT	-	-	-	EO	-	-	-	-	-	SLIDING GLASS DOOR
103	PATIO DECK	LOUNGE	D3	3035	2135	117	VINYL-TB	PF	-	VINYL	VINYL	PF	-	-	-	EO	-	-	-	-	-	
104	MAIN CORRIDOR	EXTERIOR	D2	915	2135	44	MTL-TB	PT	-	TYPE 1	MTL-TB	PT	-	-	-	EO	-	-	-	-	-	
105	ENTRY VESTIBULE	MAIN CORRIDOR	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PS	-	-	-	-	-	
106	MAIN CORRIDOR	W/C 2	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PR	-	-	-	-	45min	
107	BEDROOM 3	MAIN CORRIDOR	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PR	-	-	-	-	45min	
108	BEDROOM 4	MAIN CORRIDOR	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PR	-	-	-	-	45min	
109	BEDROOM 5	MAIN CORRIDOR	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PR	-	-	-	-	45min	
110	BEDROOM 6	MAIN CORRIDOR	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PR	-	-	-	-	45min	
111	MAIN CORRIDOR	BEDROOM 7	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PR	-	-	-	-	45min	
112	MAIN CORRIDOR	BEDROOM 8	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PR	-	-	-	-	45min	
113	MAIN CORRIDOR	BEDROOM 1	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PR	-	-	-	-	45min	
114	MAIN CORRIDOR	BEDROOM 2	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PR	-	-	-	-	45min	
115	W/C 1	MAIN CORRIDOR	D4	915	2135	44	WD	PT	45min	TYPE 2	WD	PT	45min	-	*	PR	-	-	-	-	45min	
116	MECHANICAL CLOSET	MAIN CORRIDOR	D5	915	2135	44	WD	PT	-	N/A	GWB	PT	-	-	-	-	-	-	-	-	-	BIFOLD DOORS AS PER PLAN
117	STORAGE	LOUNGE	D5	915	2135	44	WD	PT	-	N/A	GWB	PT	-	-	-	-	-	-	-	-	-	BIFOLD DOORS AS PER PLAN
118	STORAGE	LOUNGE	D5	915	2135	44	WD	PT	-	N/A	GWB	PT	-	-	-	-	-	-	-	-	-	BIFOLD DOORS AS PER PLAN



- ### GENERAL NOTES ON DOORS
- CONTRACTOR TO CONFIRM ALL DIMENSIONS ON SITE PRIOR TO FABRICATION.
  - ALL EXTERIOR DOORS / FRAMES TO BE INSULATED AND THERMALLY BROKEN.
  - ALL EXTERIOR DOORS MUST BE WEATHER STRIPPED AND TIGHTLY SEALED TO MEET ASHRAE 90.1-2010 REQUIREMENTS c/w ALUMINUM THRESHOLDS, TOP CAPS WITH DRIP FLASHING, DOOR BOTTOM & SWEEP.
  - EXTERIOR DOORS TO HAVE NON-REMOVABLE PINS, EXPOSED HINGES OUTSIDE TO BE TAMPER PROOF.
  - PROVIDE FLOOR MOUNTED DOOR STOPS FOR ALL DOORS.
  - CONTRACTOR AND/OR DOOR SUPPLIER TO ENSURE ALL DOOR HARDWARE REQUIRED TO HAVE UNRESTRICTED AND SINGLE RELEASE OPERATION IN THE DIRECTION OF TRAVEL / EGRESS.
  - EXIT DOORS TO BE READILY OPENABLE WHEN TRAVELING IN DIRECTION OF EXIT WITHOUT REQUIRING KEYS, SPECIAL DEVICES OR SPECIAL KNOWLEDGE. ALL DOORS WITH INTERCONNECTED ENTRANCE LOCKS MUST BE READILY OPENED FROM THE INSIDE w/ NOT MORE THAN ONE RELEASING OPERATION AND WITHOUT REQUIRING KEYS, SPECIAL DEVICES OR SPECIALIZED KNOWLEDGE OF THE DOOR OPENING MECHANISM PER BCBC 3.3.1.13, & 3.4.6.16 AND/OR NBC 3.4.6.16.1.
  - DOORS EQUIPPED w/ CLOSERS TO HAVE A CLOSING PERIOD OF AT LEAST 3 SECONDS WHEN DOOR IS IN A BARRIER FREE PATH OF TRAVEL PER 2012 BCBC 3.3.1.15, 10.4. AND/OR 2015 NBC 3.3.3.5.10.
  - LOCKSETS TO BE MASTER KEYPED, FINAL KEYING INCLUDING ESTABLISHING SUB-MASTER KEY GROUPS WILL BE AS PER OWNER'S INSTRUCTIONS. SUCCESSFUL SUPPLIER MUST BE PREPARED TO COOPERATE w/ THE OWNER FOR FINAL KEYING.\* ALL KEYING TO BE APPROVED BY AND PASSED OVER TO THE OWNER.
  - ALL GLAZING ON EXTERIOR DOORS / FRAMES TO BE DOUBLE PANED TEMPERED, U.N.O.
  - ALL GLAZING ON INTERIOR DOORS / FRAMES TO BE SINGLE PANED TEMPERED, U.N.O.
  - CONTRACTOR TO CONFIRM WITH OWNER ALL DOORS, HARDWARE AND LOCK REQUIREMENTS.
  - CONTRACTOR AND/OR DOOR SUPPLIER MUST COORDINATE WITH SECURITY SYSTEM AND EQUIPMENT INSTALLER FOR ALL COMPONENTS REQUIRED FOR SECURITY SYSTEM AND EQUIPMENT INSTALLATION.
  - SEE MECHANICAL FOR ANY REQUIRED DOOR GRILLES AND UNDERCUTS LOCATIONS.
  - SEE ELECTRICAL FOR DOOR CONTACT LOCATIONS.
  - ALL DOORS / HARDWARE TO BE FIRST LINE QUALITY, PERFECT FIT, COLOR UNIFORM & FREE OF DEFECTS.
  - PROVIDE ALL HARDWARE REQUIRED TO MAKE DOORS COMPLETELY FUNCTIONAL AND SECURE.
  - ALL HARDWARE TO BE 600 (60) FINISH, U.N.O. IF AVAILABLE REFER TO SECTION 08700 FINISH HARDWARE.
  - ALL INTERIOR WOOD DOOR FRAMES TO HAVE 1x3 PRE-PAINTED MEDITE TRIM AT JAMBS AND HEAD, U.N.O.
  - DOOR LEVER HARDWARE TO BE WEISER KIM LEVER, PUSH BUTTON LOCKING ONLY.
  - TUBULAR INTERCONNECTED LOCKS STYLE TO MATCH WEISER KIM LEVER, U.N.O.
  - DOOR HINGES TO BE 4-1/4"x4" FULL MORTISE BUTT HINGES, HAGER, STANLEY OR MCKINNEY, U.N.O.
  - LOCKING TO BE HEAVY DUTY COMMERCIAL HARDWARE.

- ### GENERAL NOTES ON WINDOWS
- CONTRACTOR TO CONFIRM ALL DIMENSIONS ON SITE PRIOR TO FABRICATION.
  - ALL EXTERIOR WINDOWS TO BE THERMALLY BROKEN.
  - ALL GLAZING THICKNESS TO BE PER NBC CURRENT EDITION SPECIFICATIONS.
  - ALL CURTAINWALL OR STOREFRONT UNITS SEALED, DOUBLE GLAZING IN THERMALLY BROKEN ALUMINUM FRAMES AS PER NBC.
  - OPERABLE PORTION OF BEDROOM WINDOWS TO MEET NBC EGRESS REQUIREMENTS.
  - ALL OPERABLE WINDOWS TO BE INSTALLED WITH INSECT SCREENS.



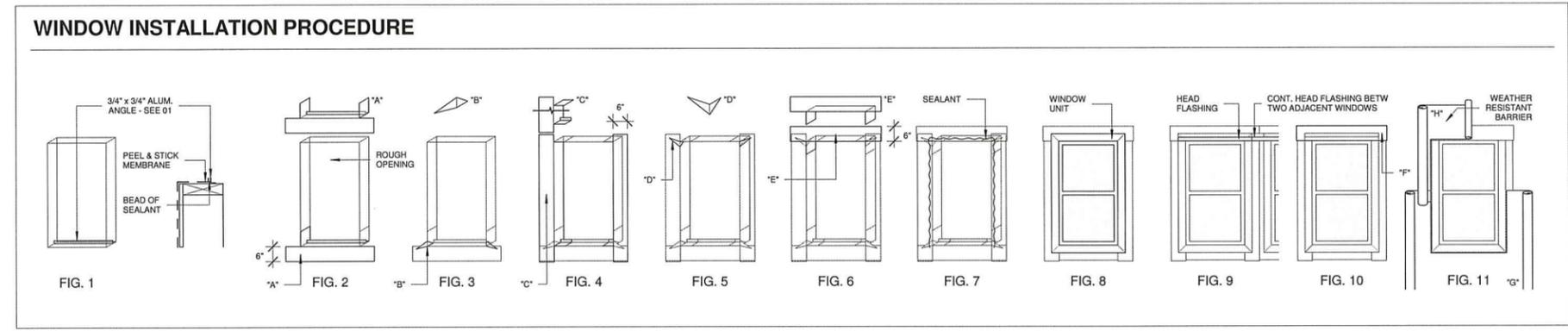
### LOCKSET LEGEND

SYMBOL	TYPE	DESCRIPTION
	EO = ENTRANCE / OFFICE LOCK / KEYPED ENTRY LEVER	PUSH-BUTTON LOCKING. PUSHING BUTTON LOCKS OUTSIDE LEVER UNTIL UNLOCKED WITH KEY OR BY TURNING INSIDE LEVER.
	PR = PRIVACY LOCK	PUSH-BUTTON LOCKING. OPENABLE FROM OUTSIDE WITH KEY, INSIDE LEVER OPENS BY TURNING.
	ST = STOREROOM LOCK	OUTER LEVER FIXED. ENTRY BY KEY ONLY. INNER LEVER IS ALWAYS UNLOCKED AND DOOR UNLOCKS BY TURNING INNER LEVER.

- ### INSTALLATION AROUND WINDOW OPENINGS
- CLEAN AND PRIME ROUGH OPENINGS AS PER PEEL AND STICK MANUFACTURER REQUIREMENTS. INSTALL CONTINUOUS 3/4" X 3/4" ALUMINUM ANGLE.
  - INSTALL CONTINUOUS PEEL AND STICK WATER PROOF MEMBRANE. "CROTCH" PIECE "A" UP ONTO 3/4" X 3/4" ALUMINUM ANGLE.
  - INSTALL WEDGE SILL PIECE "B" OVERLAPPING CORNER OF PIECE "A" AND SLOPING DOWN.
  - INSTALL PIECE "C" OVERLAPPING SILL PIECE "B". WRAP INTO SILL/JAMB OF OPENING AND RETURN ON INTERIOR FACE OF WALL.
  - INSTALL WEDGE HEAD PIECE "D" OVERLAPPING CORNER OF PIECE "C" AND SLOPING UP.
  - INSTALL CONTINUOUS PEEL AND STICK "CROTCH" PIECE "E" AT HEAD.
  - APPLY BEAD OF SEALANT ON PIECES ON SIDES AND HEAD APPROXIMATE 1/2" FROM OPENING EDGE.
  - INSTALL WINDOW INTO ROUGH OPENING / SEALANT AND FASTEN INTO STRUCTURE.
  - APPLY "HEAD FLASHING".
  - INSTALL CONTINUOUS PEEL AND STICK PIECE "F" AT HEAD OVERLAPPING HEAD FLASHING AND JAMB.
  - APPLY WEATHER RESISTANT BARRIER IN A "SHINGLE" FASHION. PIECE "G" UNDERLAYS PIECE "H". WEATHER RESISTANT BARRIER PIECE "H" SHOULD OVERLAP PIECE "G" AT LEAST 2".

### ABBREVIATIONS

ALUM	ALUMINUM	TB	THERMALLY BROKEN
ANO	ANODIZED	TG	TEMPERED GLASS
MTL	METAL (PRESSED STEEL)	UON	UNLESS OTHERWISE NOTED
PF	PREFINISHED	WD	WOOD
PT	PAINTED	WV	WOOD VENEER (STAINED TO MATCH EXISTING)



**FISHERIES AND OCEANS CANADA**  
REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE**  
**NEW STAFF BUILDING**

**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**

**DOOR & WINDOW SCHEDULES**

DESIGNED: DIA  
DRAWN: JS  
CHECKED: JF  
RECOMMENDED:  
APPROVED: DIA  
APPROVED:

SCALE: As indicated  
START DATE: 2019.04.24  
DRAWING NUMBER: A901  
REVISION: 2

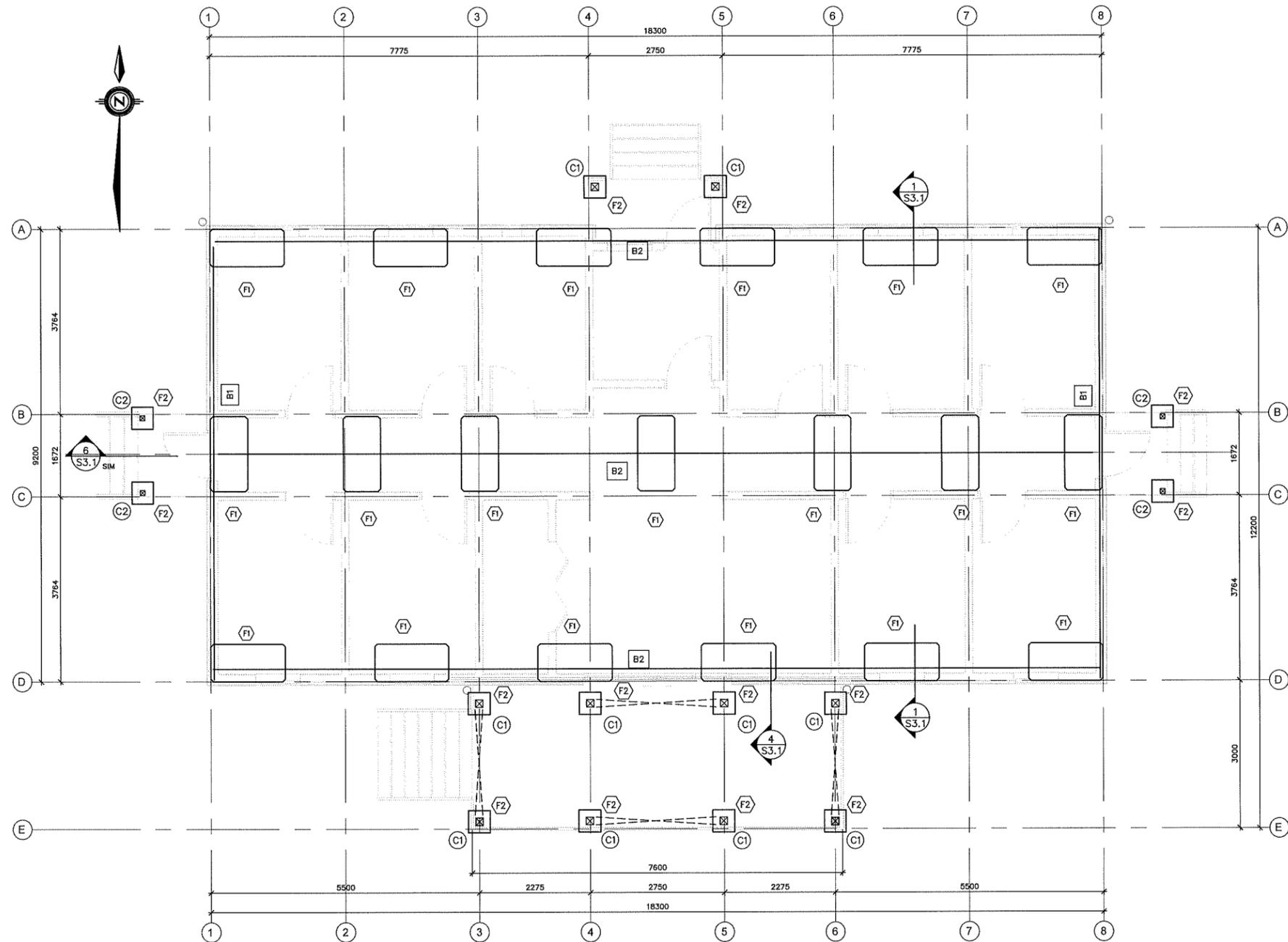
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NO.	DATE	REVISIONS
2	19.02.25	ISSUED FOR TENDER
1	2019.02.25	ISSUED FOR REVIEW

DWG. NO.	DRAWING REFERENCES

NO.	DATE	REVISIONS

NO.	DATE	REVISIONS



**1 FOUNDATION PLAN**  
S2.1 SCALE 1 : 50

FOOTING SCHEDULE			
TYPE	SIZE	REINFORCING	COMMENTS
(F1)	753x753x1524-LOCK BLOCK	-	
(F2)	450 x 450 x 250 DP	3-15M EW BOTTOM & PEDESTALS SEE DETAIL	

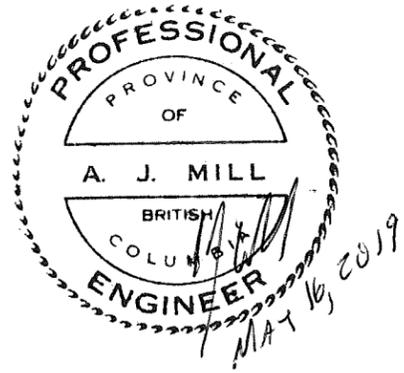
NOTES:  
 1. CENTRE SPREAD FOOTINGS UNDER COLUMNS AND CENTRE STRIP FOOTINGS UNDER FOUNDATION WALLS U.N.O.  
 2. REINFORCING DOWELS & ANCHOR BOLTS TO BE CAST-IN-PLACE WITH FOOTING POUR.  
 3. AT FTG INTERSECTIONS & CORNERS, EXTEND FND WALL & FTG REINF INTO FAR SIDE OF INTERSECTING FND WALL/FTG.  
 4. GEOTECHNICAL ENGINEER TO APPROVE ON SITE ALL BEARING SOILS.

COLUMN SCHEDULE				
TYPE	SIZE (mm)	MATERIAL	STRESS GRADE	COMMENTS
(C1)	152x152 R.S.	SPF	#1	
(C2)	102x102 R.S.	SPF	#1	

NOTES:  
 1. LAMINATE BUILT-UP STUDS AS PER STRUCTURAL NOTES.  
 2. UNREFERENCED COLUMNS ON THIS PLAN ARE CONTINUOUS FROM BELOW TYP.  
 3. ALL COLUMNS TO BE CONTINUOUS TO U/S OF ROOF FRAMING U.N.O.  
 4. SEE ALSO HOLDOWN SCHEDULE & PLANS FOR LOCATION OF B/U POSTS & COLUMNS REQ'D AT ENDS OF SHEARWALLS.

BEAM SCHEDULE				
TYPE	SIZE	MATERIAL	STRESS GRADE	COMMENTS
(B1)	89x302	PSL	2.2E	
(B2)	133x302	PSL	2.2E	
(B3)	3-38x235	SPF	#1/2	
(B4)	133x241	PSL	2.2E	
(B5)	2-38x235	SPF	#1/2	
(B6)	38x235	SPF	#1/2	LEDGER

NOTES:  
 1. ALL BEAM-TO-COLUMN CONNECTIONS TO USE SIMPSON (E)CCQ COLUMN CAPS U.N.O.  
 2. STRAP TIES TO BE CENTRED BETWEEN CONNECTED MEMBERS U.N.O.  
 3. BEAMS BREAKING TOP PLATES TO HAVE SIMPSON MST37 STRAPS EACH SIDE TYP.  
 4. ALL BEAMS SIMPLY SUPPORTED U.N.O.



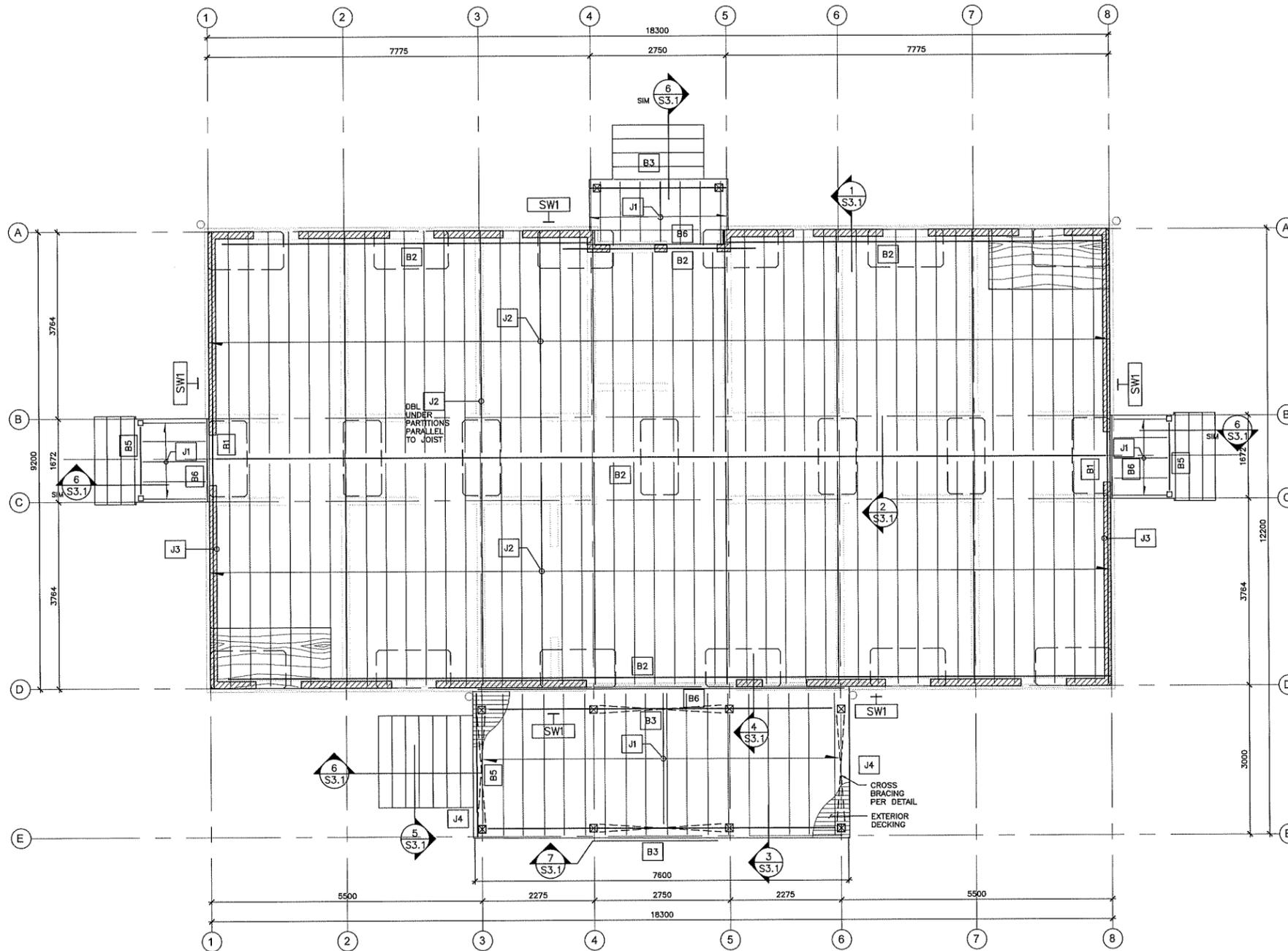
**FISHERIES AND OCEANS CANADA**  
**REAL PROPERTY AND SAFETY AND SECURITY**

**BABINE FENCE SITE**  
**NEW STAFF BUILDING**  
**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**  
**FOUNDATION PLAN**

SCALE AS SHOWN  
 START DATE 2018.10.29  
 DRAWING NUMBER **S2.1**  
 REVISION **2**

DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS	DESIGNED AB	CHECKED SA	APPROVED Approver

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**1 MAIN FLOOR FRAMING PLAN**  
 S2.2 SCALE 1 : 50

FLOOR DESIGN LOADS	
DEAD LOAD	0.8 kN/m <sup>2</sup>
PARTITIONS	1.0 kN/m <sup>2</sup>
LIVE LOAD	1.9 kN/m <sup>2</sup>

NOTES:  
 1. ALL LOADS SHOWN ARE SPECIFIED LOADS U.N.O.

COLUMN SCHEDULE				
TYPE	SIZE (mm)	MATERIAL	STRESS GRADE	COMMENTS
C1	152x152 R.S.	SPF	#1	
C2	102x102 R.S.	SPF	#1	

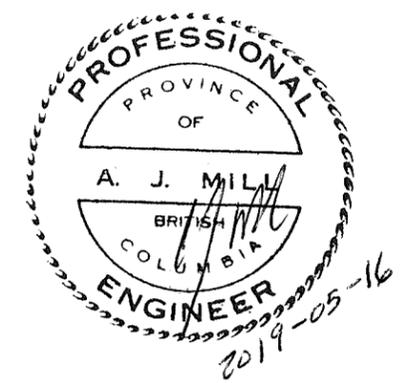
NOTES:  
 1. LAMINATE BUILT-UP STUDS AS PER STRUCTURAL NOTES.  
 2. UNREFERENCED COLUMNS ON THIS PLAN ARE CONTINUOUS FROM BELOW TYP.  
 3. ALL COLUMNS TO BE CONTINUOUS TO 1/3 OF ROOF FRAMING U.N.O.  
 4. SEE ALSO HOLD-DOWN SCHEDULE & PLANS FOR LOCATION OF B/U POSTS & COLUMNS REQ'D AT ENDS OF SHEARWALLS.

BEAM SCHEDULE				
TYPE	SIZE	MATERIAL	STRESS GRADE	COMMENTS
B1	89x302	PSL	2.2E	
B2	133x302	PSL	2.2E	
B3	3-38x235	SPF	#1/2	
B4	133x241	PSL	2.2E	
B5	2-38x235	SPF	#1/2	
B6	38x235	SPF	#1/2	LEDGER

NOTES:  
 1. ALL BEAM-TO-COLUMN CONNECTIONS TO USE SIMPSON (E)CCO COLUMN CAPS U.N.O.  
 2. STRAP TIES TO BE CENTRED BETWEEN CONNECTED MEMBERS U.N.O.  
 3. BEAMS BREAKING TOP PLATES TO HAVE SIMPSON MST37 STRAPS EACH SIDE TYP.  
 4. ALL BEAMS SIMPLY SUPPORTED U.N.O.

FLOOR DIAPHRAGM SCHEDULE				
AREA	SHEATHING	3.3mm#x64mm LG COMMON NAIL	COMMENTS	
TYP U.N.O.	19mm THK D.Fir T&G PLYWOOD	75 150 300	CONTRACTOR TO PROVIDE NAIL SAMPLE PRIOR TO COMMENCING WORK	

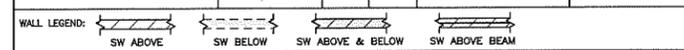
NOTES:  
 1. PROVIDE BLOCKING AT ALL UNSUPPORTED PANEL EDGES.  
 2. DIAPHRAGM BOUNDARIES ARE ALONG SHEARWALLS AND DRAG STRUTS.  
 3. INSTALL PANELS PERPENDICULAR TO FRAMING & STAGGER PANEL JOINTS.  
 4. FASTENERS TO BE GALVANIZED WHERE UNDERSIDE IS EXPOSED TO VIEW.



JOIST SCHEDULE					
TYPE	SIZE	MATERIAL	STRESS GRADE	SPACING	COMMENTS
J1	38x184	SPF	#1/2	406 o/c	SEE NOTES
J2	38x235	SPF	#1/2	406 o/c	SEE NOTES
J3	2-38x235	SPF	#1/2	406 o/c	SEE NOTES
J4	2-38x184	SPF	#1/2	406 o/c	SEE NOTES
J5	38x140	SPF	#1/2	406 o/c	SEE NOTES

NOTES:  
 1. CAMBER JOIST AS INDICATED AT MIDSPAN FOR DEAD LOAD.  
 2. PROVIDE 44x LSL BLOCKING TO MATCH JOIST DEPTH BETWEEN JOISTS AT BEARING WALLS/BEAMS AND EACH SIDE OF OPENINGS.  
 3. SEE ARCH FOR VENTILATION REQUIREMENTS AT ALL BLOCKING LOCATIONS.  
 4. JOIST SUPPLIER TO CONFIRM SIZES, SERIES AND SPACING OF ALL I-JOISTS AND ENGINEERED PARALLAM/TIMBERSTRAND/MICROLAM BEAMS.  
 5. JOIST SUPPLIER TO SUBMIT COMPLETE SHOP DRAWINGS TO DNA FOR REVIEW. SHOP DRAWINGS TO SHOW ALL MEMBER SIZES, LAYOUT, SPACING DESIGN LOADS AND DETAILS.  
 6. I-JOISTS o/w WEB STIFFENERS AT BEARING LOCATIONS AS REQUIRED BY JOIST SUPPLIER.  
 7. JOIST SUPPLIER TO PROVIDE JOIST HANGERS AT FLUSH HEADERS.  
 8. PROVIDE CONTINUOUS 44x LSL RIM JOIST AT ENDS OF JOISTS AT BEARING WALLS.  
 9. JOIST SUPPLIER TO DESIGN ENGINEERED I-JOISTS/BEAMS AS PER PART 4 AND DESIGN LOADS SPECIFIED, AND CONFIRM SIZE & SPACING OF MEMBERS ACCORDINGLY. REINFORCE/BLOCK MEMBERS AS REQ'D FOR LOAD TRANSFER, STABILITY & STRENGTH. SHOP INSTALL ALL WEB BLOCKING/REINFORCING.

STRUCTURAL WALL FRAMING SCHEDULE				
TYPE	SPF No.1/2 STUDS @ MAX SPACING	12.5mm PLYWOOD SHEATHING	64mm LG COMMON NAILS	COMMENTS
SW1	38x140 @ 406 o/c	ONE SIDE PER PLAN	100 300	SPACING OF 16mm# ANCHOR BOLT WALL BOT. PLATE 800 o/c



NOTES:  
 1. WALLS WITH PLYWOOD SHEATHING ARE DESIGNED AS 'SHEAR WALLS'. SEE DWG S3.1 FOR DETAILS.  
 2. SOLID BLOCK ALL PANEL EDGES AND AROUND OPENINGS WITH WALL STUDS ON FLAT.  
 3. PROVIDE ADDITIONAL BLOCKING AS REQUIRED FOR SIDING, DRYWALL, FIRESTOPPING. SEE ARCH DWGS.  
 4. STUDS TO BE FULL HEIGHT UNSPLICED BETWEEN FLOORS AND BETWEEN FLOOR TO ROOF U.N.O.  
 5. INSTALL 16mm# ANCHOR BOLT 150mm FROM EACH BREAK IN BOT PLATE TYP.  
 6. PLYWOOD CONTINUOUS FROM FOUNDATION TO UNDERSIDE OF FLOOR/ROOF SHEATHING U.N.O.  
 7. INSTALL PLYWOOD PANELS HORIZONTALLY, STAGGER PANEL JOINTS 1220 VERTICALLY AND OFFSET PANEL JOINTS WHERE PLYWOOD ON BOTH FACES OF WALL.  
 8. PLYWOOD ON SIDE OF WALL AS INDICATED THUS:  
 9. HAND DRIVEN COMMON NAILS SPECIFIED ABOVE MAY BE REPLACED WITH PNEUMATICALLY DRIVEN NAILS (P-NAILS) SUBJECT TO MINIMUM SIZES:

COMMON NAIL TYPE	P-NAIL LENGTH	MINIMUM P-NAIL SHANK DIAMETER	COMMENTS
1 1/2" JOIST HANGER	38mm (1 1/2")	3.75mm (0.148")	HAND DRIVEN ONLY
2 1/2" COMMON	64mm (2 1/2")	3.25mm (0.128")	
3" COMMON	76mm (3")	3.75mm (0.148")	

NOTES:  
 1. P-NAILS SHALL NOT BE OVERDRIVEN INTO SHEATHING/LUMBER.  
 2. PROVIDE 2-38x STUDS & BLOCKING BYW STUDS AT PANEL EDGES OF SHEARWALLS WITH EDGE NAIL SPACING @ 50 o/c. STAGGER EDGE NAILS 15mm.  
 3. MINIMUM DISTANCE BTWN PANEL EDGE & 64mm LG NAIL SHALL BE 9mm.  
 4. BLOCKING & PLATES USED WITH LVL STUDS TO BE D.Fir U.N.O.  
 5. LVL STUDS TO BE COATED WITH LAMINATED BEAM SEALER (72155) BY CLOVERDALE PAINT INC. AT THE TIME OF INSTALLATION.



**FISHERIES AND OCEANS CANADA**  
 REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE**  
**NEW STAFF BUILDING**

**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**

**FLOOR FRAMING PLAN**

SCALE	AS SHOWN
START DATE	2018.10.29
DRAWING NUMBER	<b>S2.2</b>
REVISION	<b>2</b>

Plotdate: 2019-04-18 11:46:51 AM

DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS

ROOF DESIGN LOADS	
DEAD LOAD	0.8 kN/m <sup>2</sup>
SNOW LOAD	2.1 kN/m <sup>2</sup>
WIND UPLIFT @ INTERIOR	0.73 kN/m <sup>2</sup>
WIND UPLIFT @ OVERHANGS	1.0 kN/m <sup>2</sup>
WIND UPLIFT @ CANOPY #1	1.5 kN/m <sup>2</sup>

NOTES:  
1. ALL LOADS SHOWN ARE SPECIFIED LOADS U.N.O.

ROOF DIAPHRAGM SCHEDULE					
AREA	SHEATHING	3.3mm#64mm LG COMMON NAIL	BOUNDARY	EDGE INTERMEDIATE	COMMENTS
TYP U.N.O.	16mm THK D.Fir T&C PLYWOOD	75	100	300	

NOTES:  
1. PROVIDE BLOCKING AT ALL UNSUPPORTED PANEL EDGES.  
2. DIAPHRAGM BOUNDARIES ARE ALONG SHEARWALLS AND DRAG STRUTS.  
3. INSTALL PANELS PERPENDICULAR TO FRAMING & STAGGER PANEL JOINTS.  
4. FASTENERS TO BE GALVANIZED WHERE UNDERSIDE IS EXPOSED TO VIEW.

BEAM SCHEDULE				
TYPE	SIZE	MATERIAL	STRESS GRADE	COMMENTS
B1	89x235	PSL	2.2E	DBL STUD BELOW
B2	133x302	PSL	2.2E	
B3	3-38x235	SPF	#1/2	
B4	133x241	PSL	2.2E	
B5	2-38x235	SPF	#1/2	
B6	38x235	SPF	#1/2	LEDGER

NOTES:  
1. ALL BEAM-TO-COLUMN CONNECTIONS TO USE SIMPSON (E)CCO COLUMN CAPS U.N.O.  
2. STRAP TIES TO BE CENTRED BETWEEN CONNECTED MEMBERS U.N.O.  
3. BEAMS BREAKING TOP PLATES TO HAVE SIMPSON MST37 STRAPS EACH SIDE TYP  
4. ALL BEAMS SIMPLY SUPPORTED U.N.O.

HEADER SCHEDULE						
TYPE	SIZE	MATERIAL	STRESS GRADE	CRIPPLE STUDS EACH END	FULL HEIGHT STUDS EACH END	NOTES
H1	2-38x235	SPF	#1/2	1-38x	1-38x	
H2	2-38x235	SPF	#1/2	2-38x	1-38x	

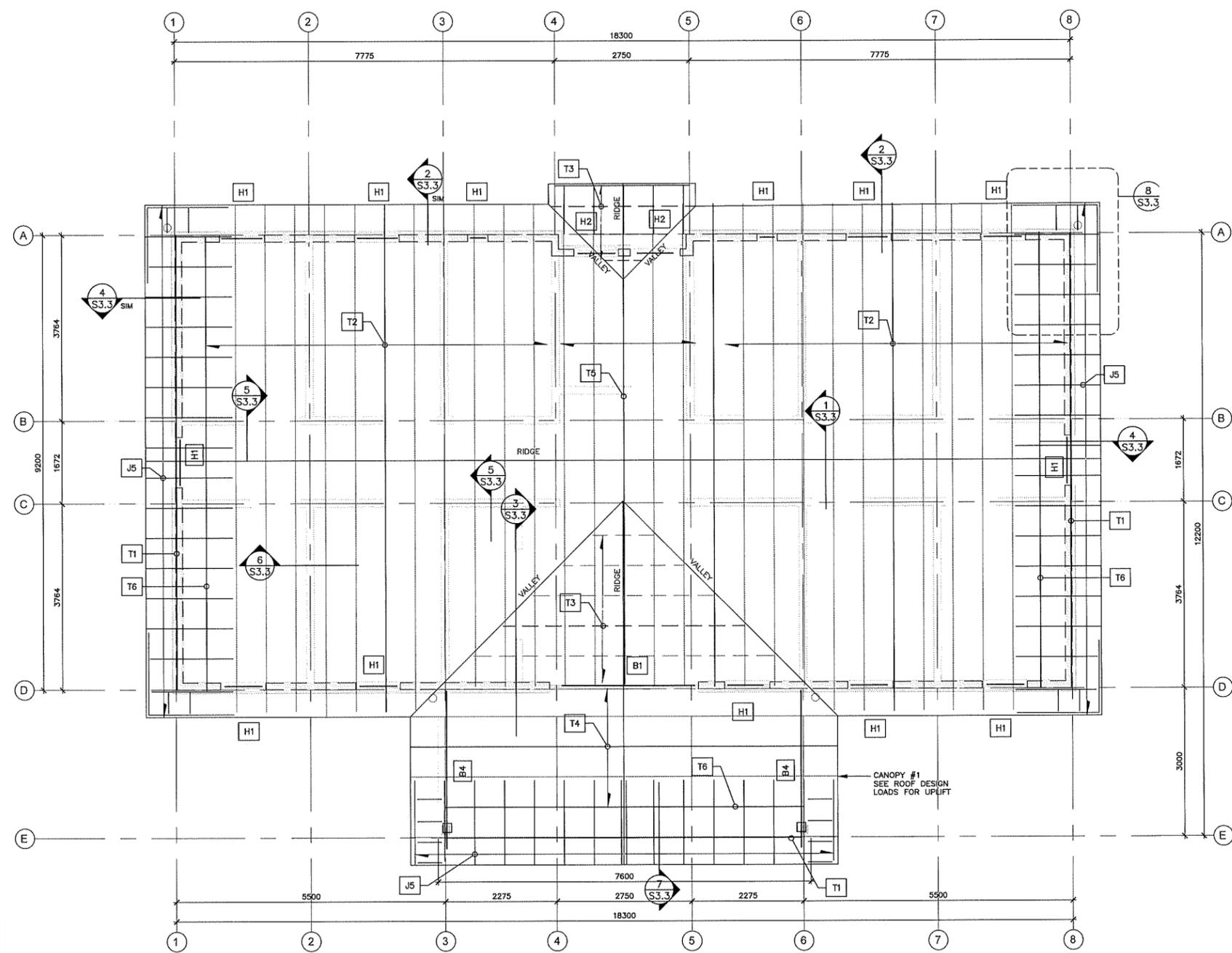
NOTES:  
1. JOIST SUPPLIER TO PROVIDE JOIST HANGERS AT FLUSH HEADERS.  
2. SEE 7/S3.2 FOR HEADER DETAILS.  
3. SEE ALSO PLAN FOR CRIPPLES/STUDS REQ'D @ EA END OF HEADER.  
4. ROOF HEADERS c/w POST CAP CONNECTIONS.

ROOF TRUSS SCHEDULE						
TYPE	PROFILE	SPACING	APPROX. SPAN	MATERIAL	STRESS GRADE	COMMENTS
T1	PITCHED	N/A	SEE PLAN	DROPPED GABLE TRUSS DRAG TRUSS	4 kN/m FROM TOP TO BOTTOM CHORD	
T2	PITCHED	610 o/c	SEE PLAN	TRUSS		
T3	PITCHED	610 o/c	SEE PLAN	CANTILEVER DORMER TRUSS		
T4	PITCHED	610 o/c	SEE PLAN	EXPOSED TRUSS	SEE ARCH	
T5	PITCHED	610 o/c	SEE PLAN	TRUSS		
T6	PITCHED	N/A	SEE PLAN	DROPPED TRUSS		

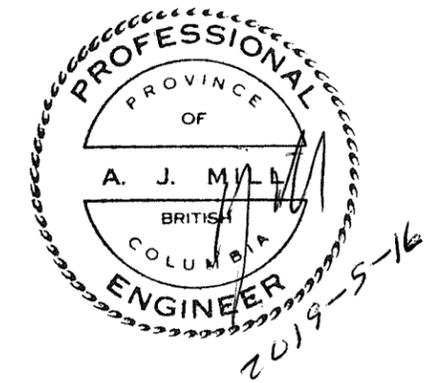
GENERAL NOTES:  
1. TRUSSES TO BE PREFABRICATED SINGLE PLY TIMBER TRUSSES DESIGNED BY TRUSS SUPPLIER.  
2. SEE ARCH DWGS FOR TRUSS PROFILE DIMENSIONS & DETAILS.  
3. DESIGN TRUSSES AS PER PART 4 FOR GRAVITY & WIND LOADS. SEE ALSO STRUCTURAL DWGS FOR DESIGN LOADS & CRITERIA.  
4. DESIGN LATERAL BRACING FOR TRUSS BOTTOM CHORDS TO TRANSFER TRUSS LOADS & WALL LOADS TO ROOF DIAPHRAGM.  
5. TRUSS CONNECTIONS:  
a) DESIGN CONNECTIONS TO RESIST 133% OF THE CONNECTION DESIGN LOADS.  
b) VERTICAL: SEE S1.1  
c) HORIZONTAL: MAX 25mm

JOIST SCHEDULE					
TYPE	SIZE	MATERIAL	STRESS GRADE	SPACING	COMMENTS
J1	38x184	SPF	#1/2	406 o/c	SEE NOTES
J2	38x235	SPF	#1/2	406 o/c	SEE NOTES
J3	2-38x235	SPF	#1/2	406 o/c	SEE NOTES
J4	2-38x184	SPF	#1/2	406 o/c	SEE NOTES
J5	38x140	SPF	#1/2	406 o/c	SEE NOTES

NOTES:  
1. CAMBER JOIST AS INDICATED AT MIDSPAN FOR DEAD LOAD.  
2. PROVIDE 44x LSL BLOCKING TO MATCH JOIST DEPTH BETWEEN JOISTS AT BEARING WALLS/BEAMS AND EACH SIDE OF OPENINGS.  
3. SEE ARCH FOR VENTILATION REQUIREMENTS AT ALL BLOCKING LOCATIONS.  
4. JOIST SUPPLIER TO CONFIRM SIZES, SERIES AND SPACING OF ALL I-JOISTS AND ENGINEERED PARALLAM/TIMBERSTRAND/MICROLAM BEAMS.  
5. JOIST SUPPLIER TO SUBMIT COMPLETE SHOP DRAWINGS TO DNA FOR REVIEW. SHOP DRAWINGS TO SHOW ALL MEMBER SIZES, LAYOUT, SPACING DESIGN LOADS AND DETAILS.  
6. I-JOISTS c/w WEB STIFFENERS AT BEARING LOCATIONS AS REQUIRED BY JOIST SUPPLIER.  
7. JOIST SUPPLIER TO PROVIDE JOIST HANGERS AT FLUSH HEADERS.  
8. PROVIDE CONTINUOUS 44x LSL RIM JOIST AT ENDS OF JOISTS AT BEARING WALLS.  
9. JOIST SUPPLIER TO DESIGN ENGINEERED I-JOISTS/BEAMS AS PER PART 4 AND DESIGN LOADS SPECIFIED, AND CONFIRM SIZE & SPACING OF MEMBERS ACCORDINGLY. REINFORCE/BLOCK MEMBERS AS REQ'D FOR LOAD TRANSFER, STABILITY & STRENGTH. SHOP INSTALL ALL WEB BLOCKING/REINFORCING.



1 ROOF FRAMING PLAN  
S2.1 SCALE 1 : 50



FISHERIES AND OCEANS CANADA  
REAL PROPERTY AND SAFETY AND SECURITY

**BABINE FENCE SITE  
NEW STAFF BUILDING**

**KM 60, FSR4000  
BULKLEY NECHAKO, BC**

**ROOF FRAMING PLAN**

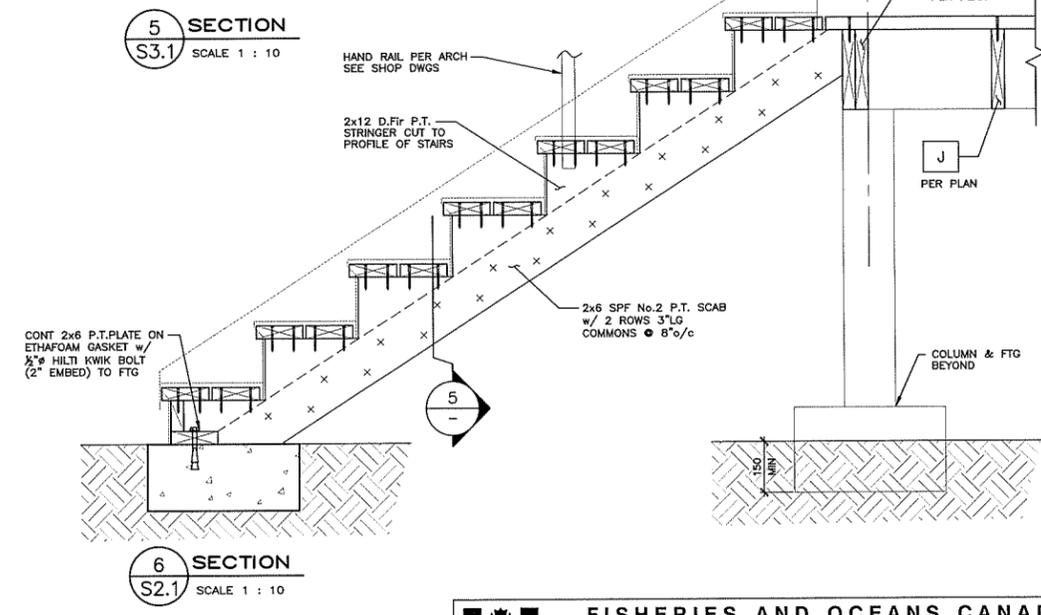
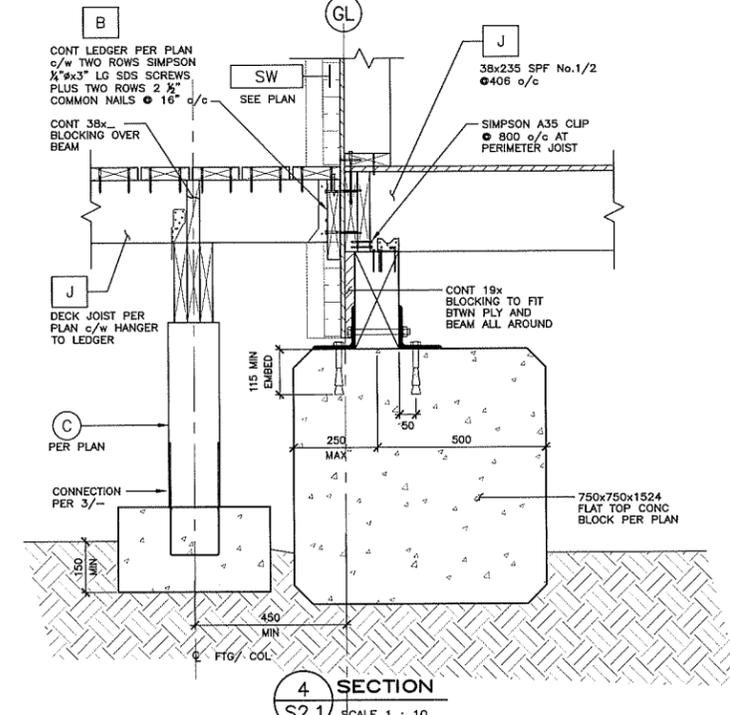
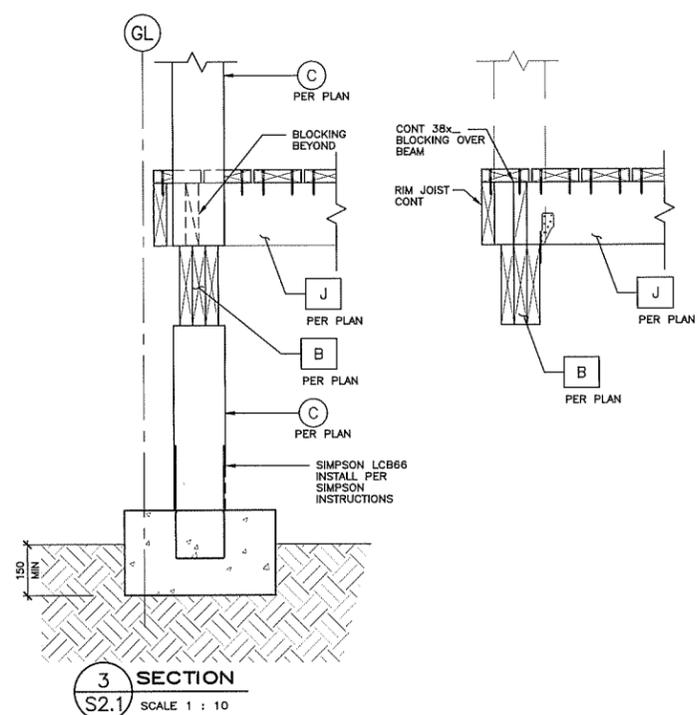
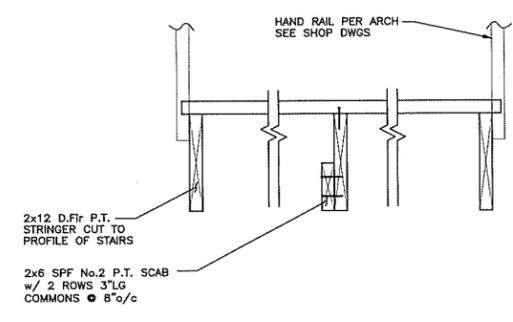
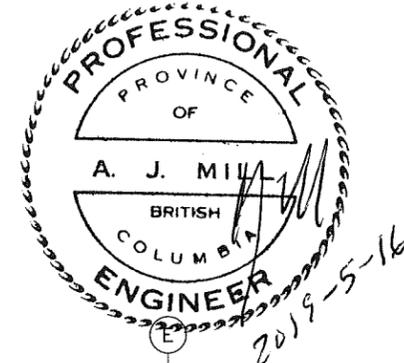
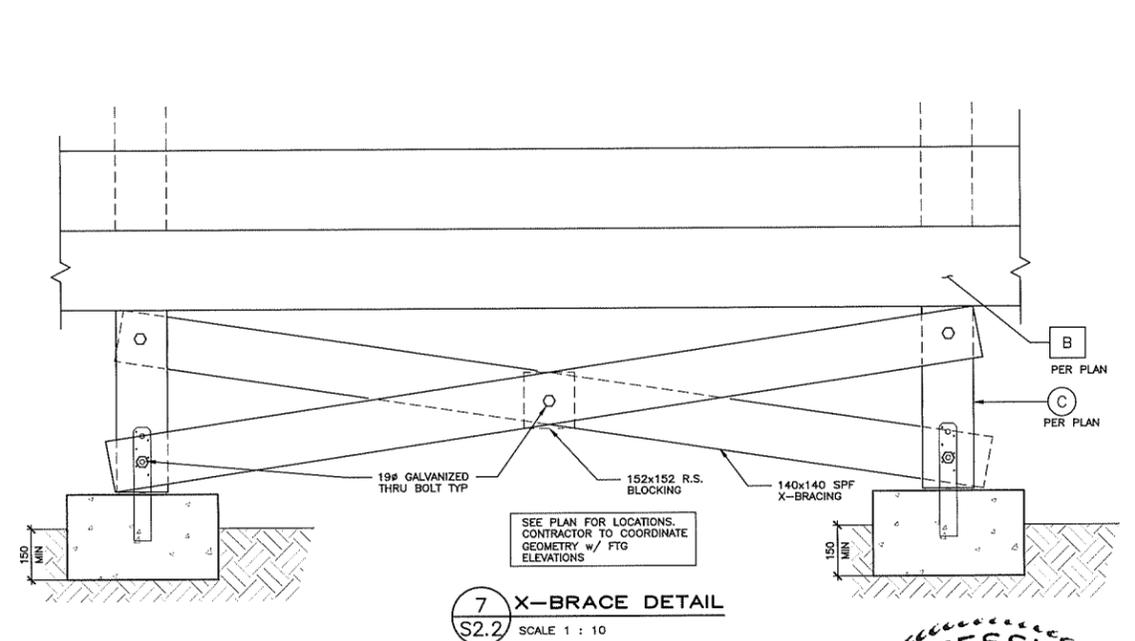
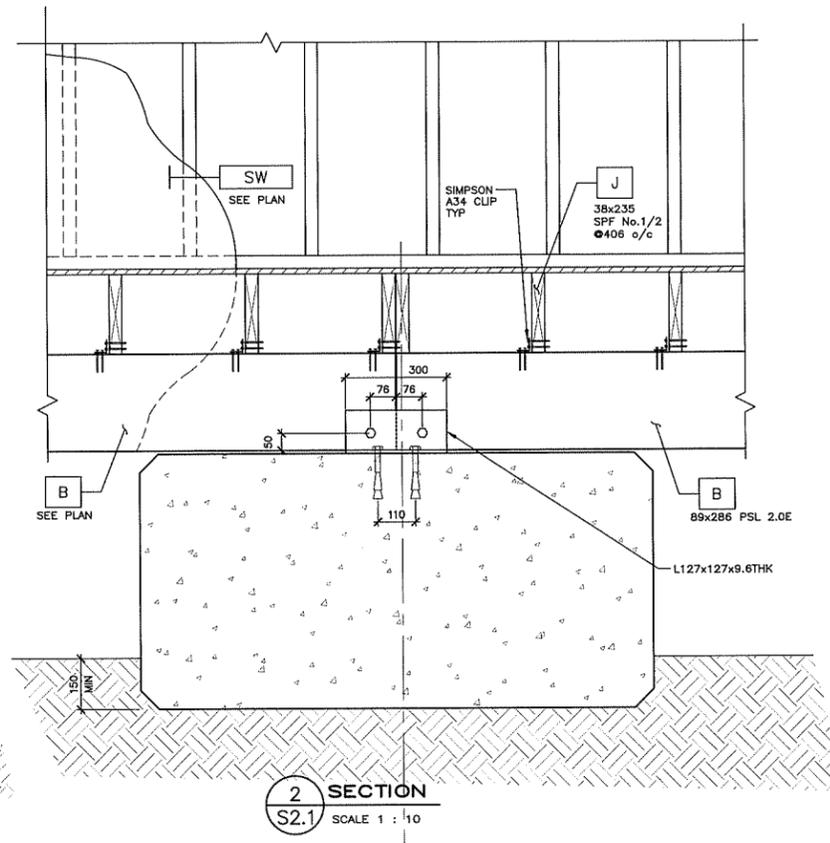
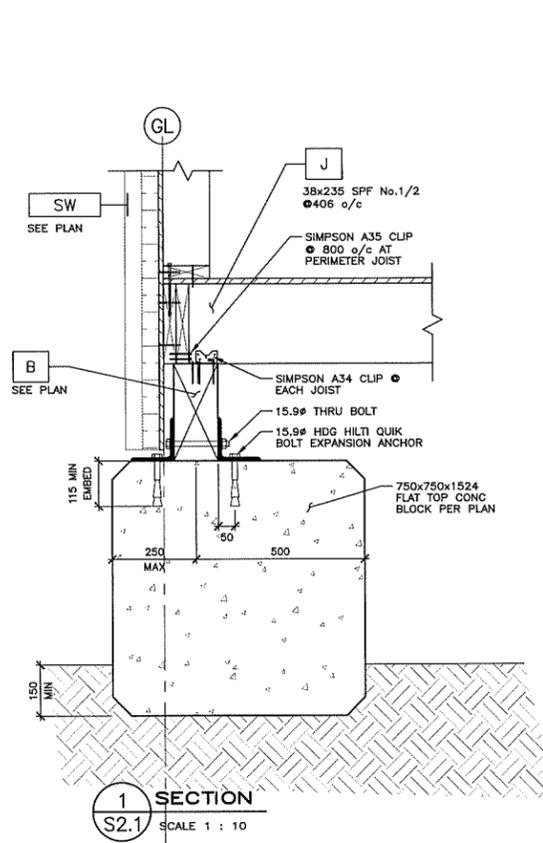
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START DATE 2018.10.29  
DRAWING NUMBER **S2.3**  
REVISION **2**

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DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS

METRIC DRAWING UNITS  
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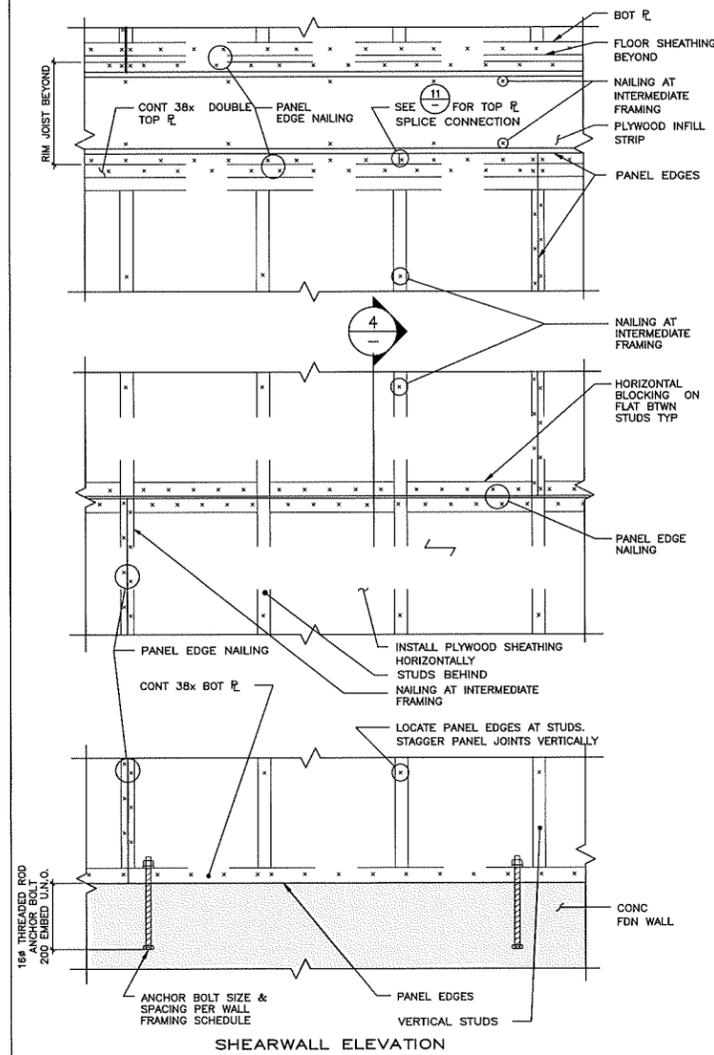
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DRAWN	SAL
CHECKED	JUM
RECOMMENDED	
APPROVED	
Approver	
APPROVED	



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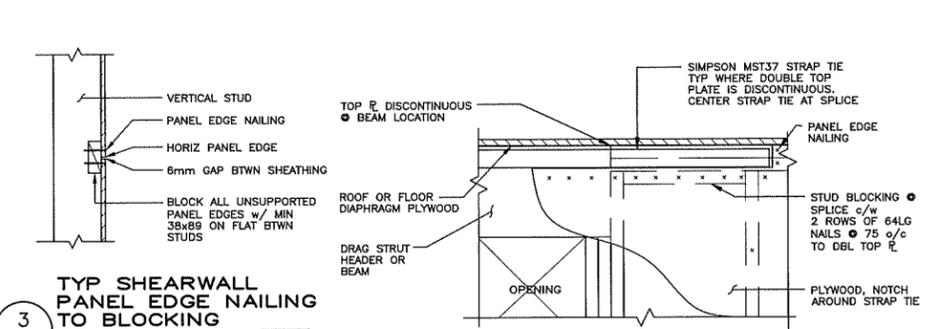
DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS
		<p>NEVER DRAWING LINES</p> <p>THE DRAWING UNITS FOR THIS PROJECT ARE COMPLETED IN METRIC. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL CONTRACTOR SKETCHES, CORRESPONDENCE, PRODUCT INFORMATION AND ALL GENERAL REFERENCES ARE ALSO REQUIRED TO BE COMPLETED AND SUBMITTED TO THE CONSULTANT IN METRIC.</p>			

<p><b>FISHERIES AND OCEANS CANADA</b> REAL PROPERTY AND SAFETY AND SECURITY</p>	
<p><b>BABINE FENCE SITE</b> <b>NEW STAFF BUILDING</b></p> <p><b>KM 60, FSR4000</b> <b>BULKLEY NECHAKO, BC</b></p> <p><b>FOUNDATION DETAILS</b></p>	
<p>DESIGNED: AB</p> <p>DRAWN: SAL</p> <p>CHECKED: JLM</p> <p>RECOMMENDED:</p> <p>APPROVED:</p> <p>Approver:</p> <p>APPROVED:</p>	<p>SCALE AS SHOWN</p> <p>START DATE: 2018.10.29</p> <p>DRAWING NUMBER: <b>S3.1</b></p> <p>REVISION: <b>2</b></p>



**1 TYP SHEARWALL PANEL NAILING DETAILS**  
TYP SCALE 1 : 10

- SHEARWALL, DIAPHRAGM & HOLDOWN GENERAL NOTES**
- ALL HOLDOWNS BY SIMPSON STRONG-TIE. REFER TO HOLDOWN SCHEDULES FOR MODEL AND PLAN FOR LOCATIONS.
  - REFER TO STRUCTURAL WALL FRAMING SCHEDULE FOR NAIL SIZES AND SPACING AT PANEL EDGES AND AT INTERMEDIATE FRAMING MEMBERS.
  - MAINTAIN NAIL HEAD FLUSH TO SURFACE OF PLYWOOD SHEATHING. DO NOT COUNTERSINK.
  - OFFSET SUPPORTED PANEL EDGES WHEN PLYWOOD IS REQUIRED ON EACH SIDE OF STUDS.
  - ALL SHEATHED WALLS ARE SHEARWALLS U.N.O.
  - ALL SHEATHED WALLS SHALL HAVE HORIZONTAL PANEL EDGES BLOCKED WITH 38x89 ON FLAT.
  - ALL VERTICAL STUDS SHALL BE FULL HEIGHT.
  - BUILT-UP STUDS SHALL BE LAMINATED AS PER GENERAL STRUCTURAL NOTES.
  - CENTRE HOLDOWN ANCHOR BOLT IN CONCRETE FOUNDATION WALL BELOW TYP.



**3 TYP SHEARWALL PANEL EDGE NAILING TO BLOCKING**  
TYP SCALE 1 : 10

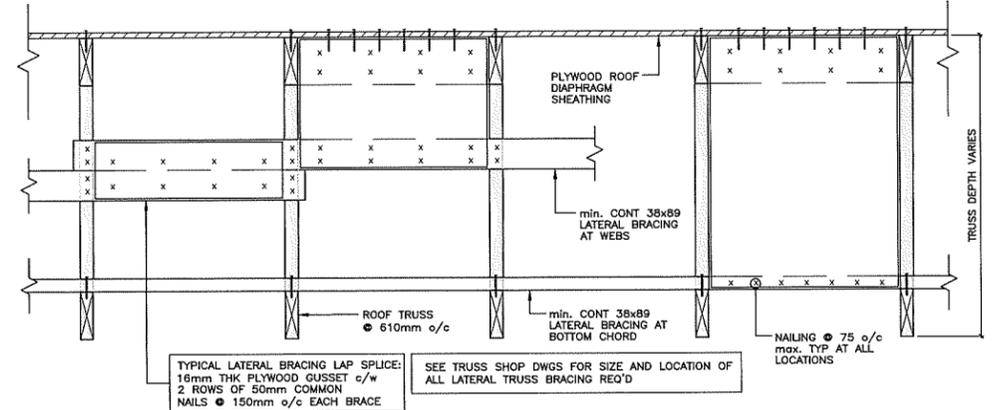


**10 TYP SPLICE CONNECTION AT DISCONTINUOUS TOP FL**  
TYP SCALE 1 : 10

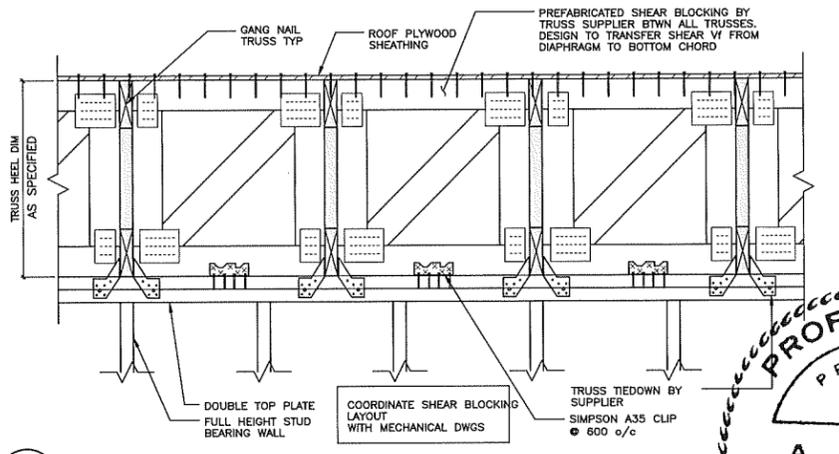
MIN TOP PLATE SIZE	SPECIES & GRADE	LAP LENGTH	TOP PLATE NAILING 64 COMMON NAIL	MIN No. NAILS E/S OF SPLICE	FACTORED CAPACITY
2 - 38x140	SPF No.1/2	1200 E/S	3 ROWS @ 150 o/c	24 NAILS MIN	12.7 kN
2 - 38x140	SPF No.1/2	1800 E/S	3 ROWS @ 150 o/c	33 NAILS MIN	17.5 kN
2 - 38x140	SPF No.1/2	1800 E/S	3 ROWS @ 75 o/c	66 NAILS MIN	34.2 kN
2 - 38x140	D.FIR No.1/2	1200 E/S	3 ROWS @ 150 o/c	24 NAILS MIN	16.2 kN
2 - 38x140	D.FIR No.1/2	1800 E/S	3 ROWS @ 150 o/c	33 NAILS MIN	25.0 kN
2 - 38x140	D.FIR No.1/2	1800 E/S	3 ROWS @ 100 o/c	51 NAILS MIN	36.1 kN

NOTE: WALL SHEATHED WITH 12.5mm PLYWOOD WITH NAILING TO TOP PLATE PER SCHEDULE.

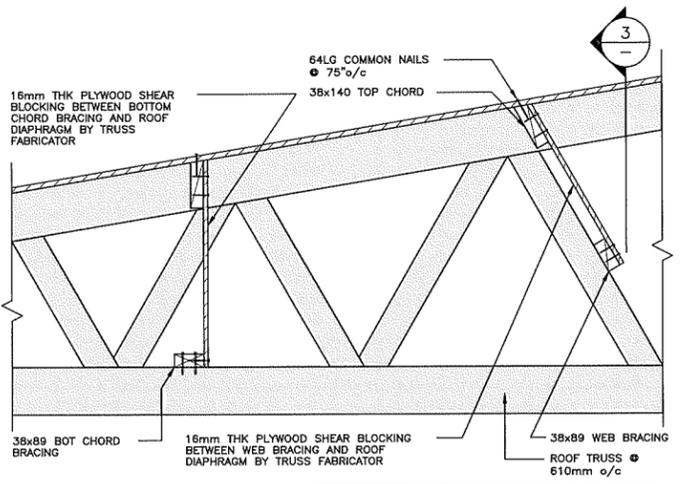
**8 TYP DOUBLE TOP PLATE SPLICE DETAIL**  
TYP SCALE 1 : 10



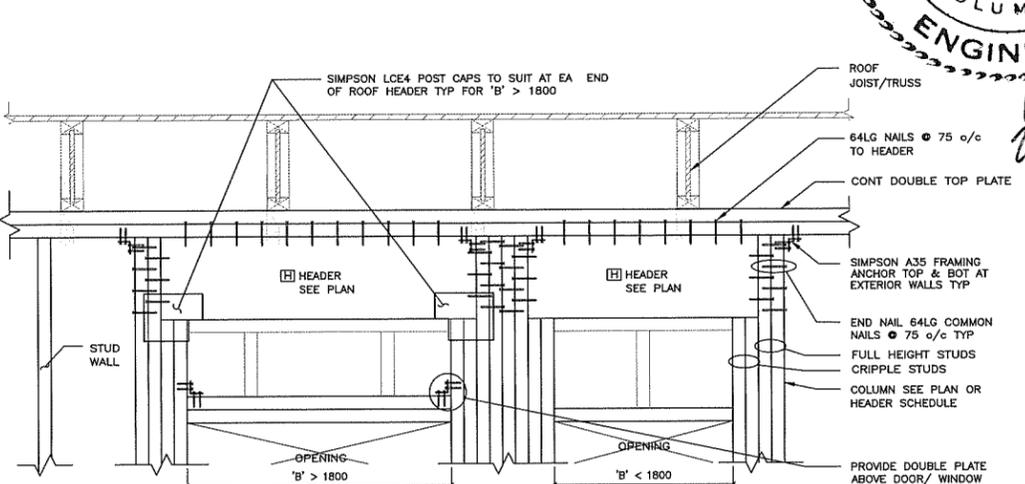
**4 TRUSS BRACING DETAILS**  
TYP SCALE 1 : 10



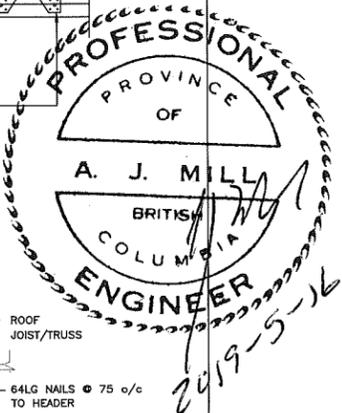
**6 TRUSS SHEAR BLOCKING TYP AT PERIMETER**  
TYP SCALE 1 : 10



**9 TRUSS BRACING SECTION**  
TYP SCALE 1 : 10



**7 WALL/HEADER FRAMING DETAIL**  
TYP SCALE 1 : 10



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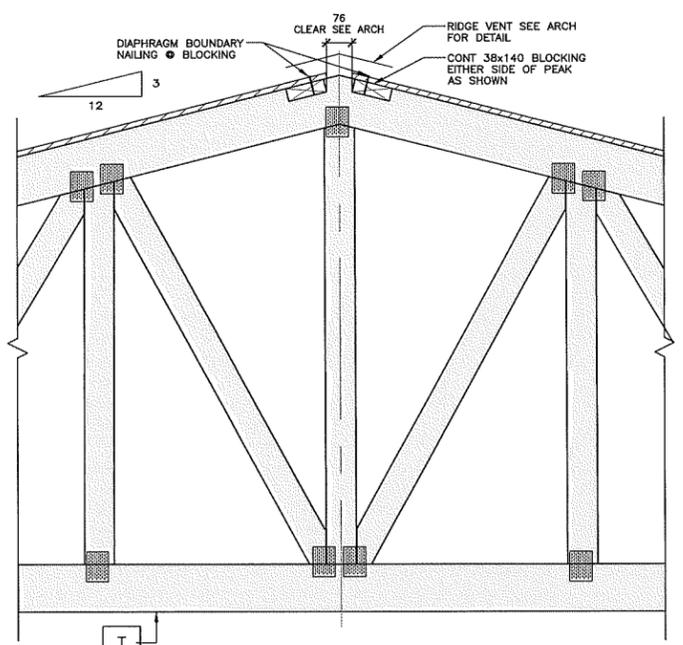
DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS

**FISHERIES AND OCEANS CANADA**  
REAL PROPERTY AND SAFETY AND SECURITY

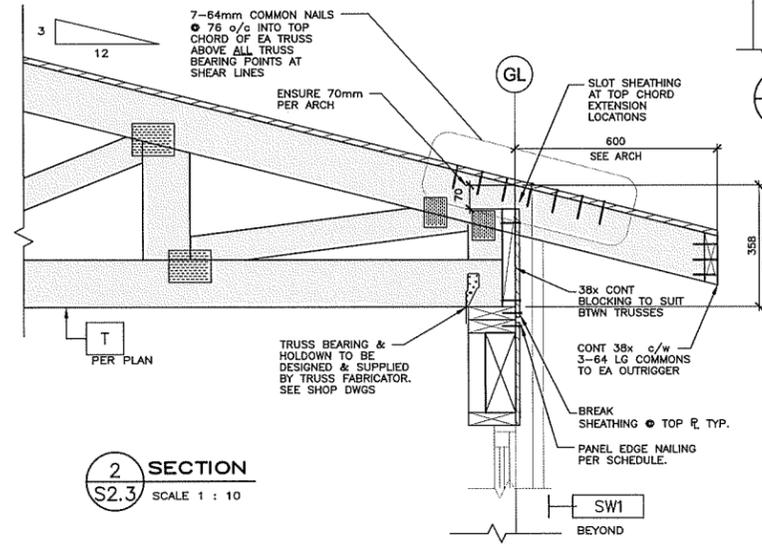
**BABINE FENCE SITE**  
**NEW STAFF BUILDING**  
**KM 60, FSR4000**  
**BULKLEY NECHAKO, BC**  
**SHEATHING & FRAMING**

DESIGNED: AB  
DRAWN: SAL  
CHECKED: JLM  
REC. DATED: [ ]  
APPROVED: [ ]  
APPROVER: [ ]

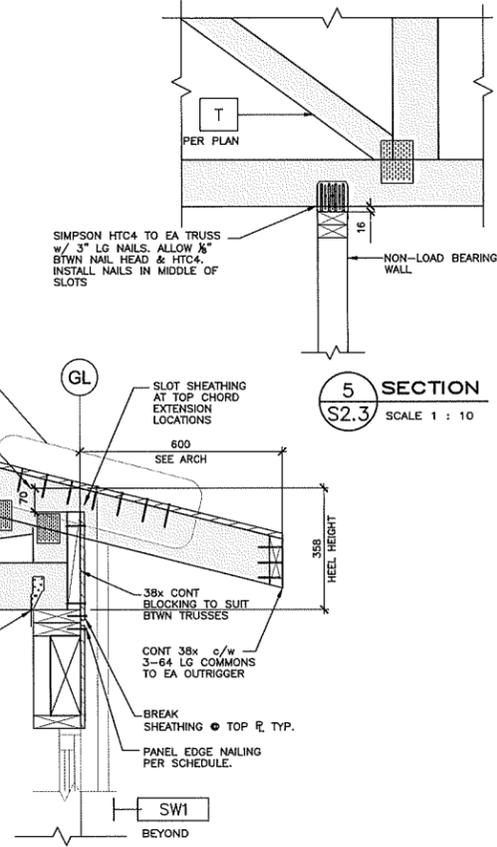
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START DATE: 2018.10.29  
DRAWING NUMBER: **S3.2**  
REVISION: **2**



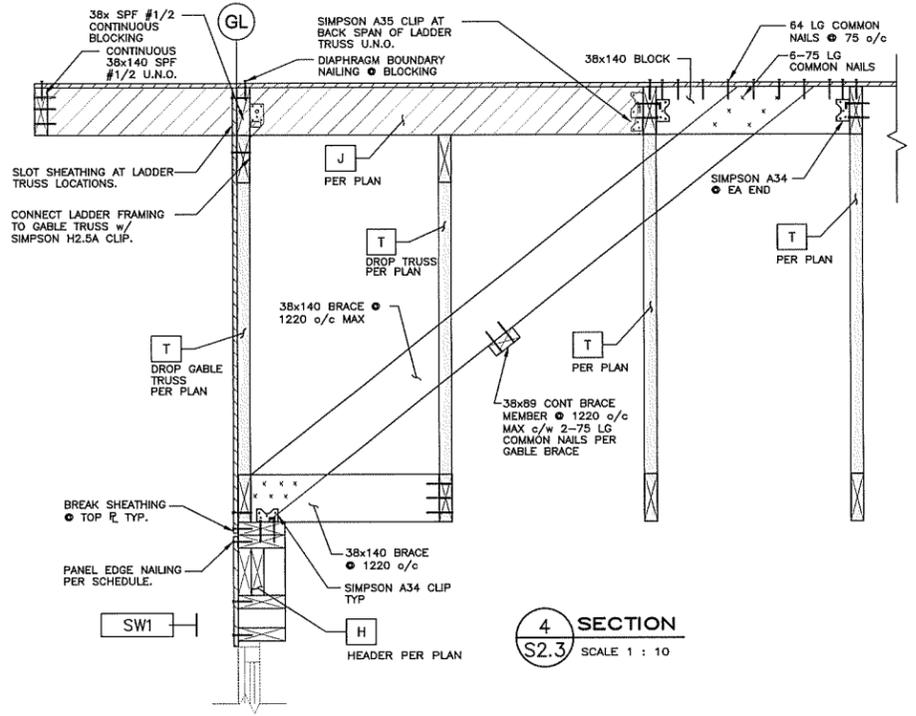
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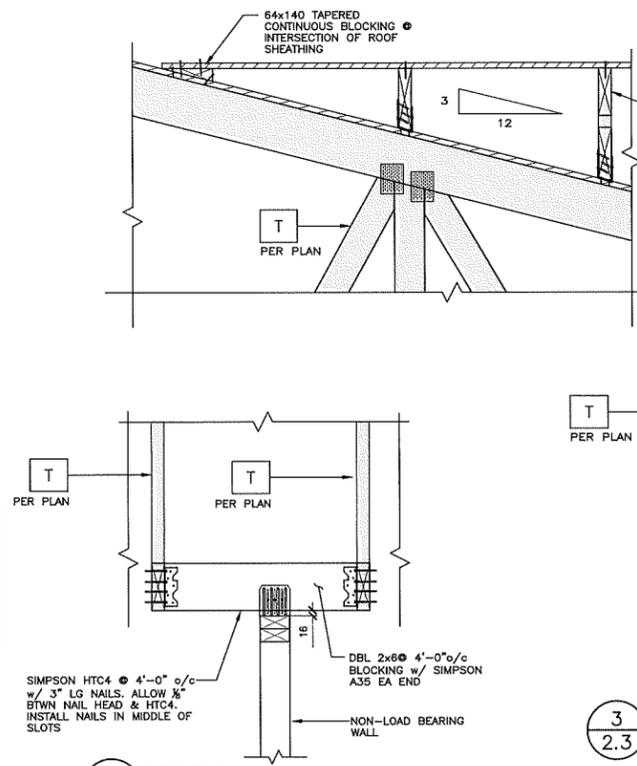
2 SECTION  
 S2.3 SCALE 1 : 10



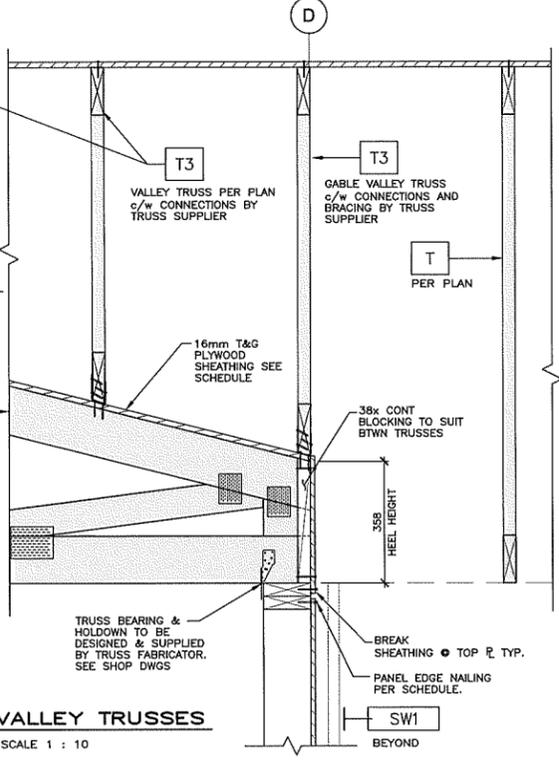
5 SECTION  
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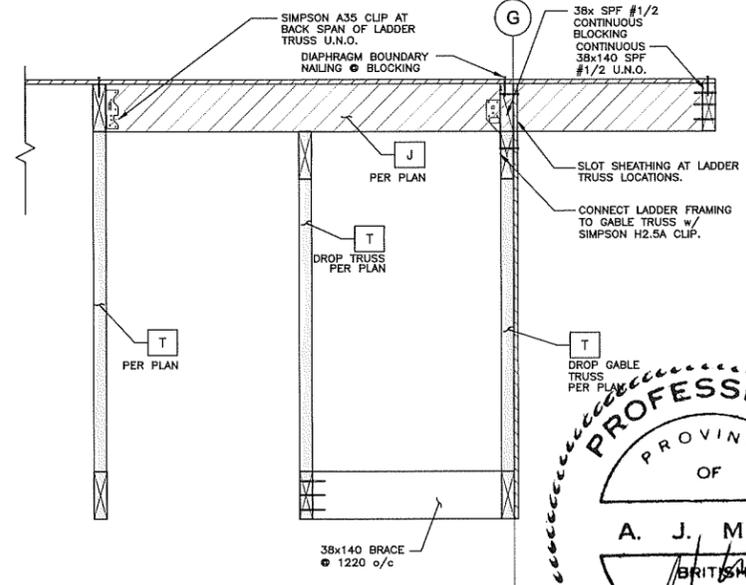
4 SECTION  
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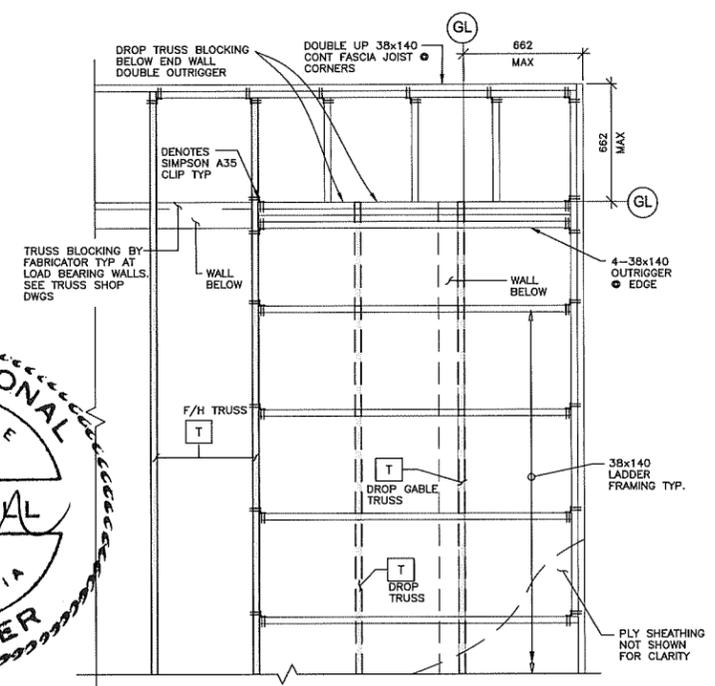
6 SECTION  
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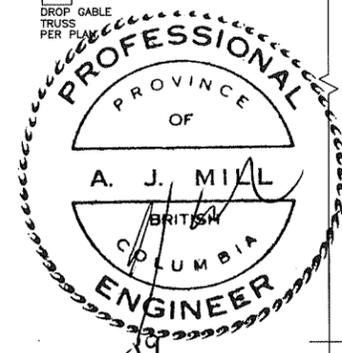
3 VALLEY TRUSSES  
 S2.3 SCALE 1 : 10



7 SECTION  
 S2.3 SCALE 1 : 10



8 CORNER FRAMING DETAIL  
 S2.3 SCALE 1 : 20



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DWG. NO.	DRAWING REFERENCES	NOTES	NO.	DATE	REVISIONS	DESIGNED AB	<b>FISHERIES AND OCEANS CANADA</b> <b>REAL PROPERTY AND SAFETY AND SECURITY</b>  <b>BABINE FENCE SITE</b> <b>NEW STAFF BUILDING</b>  <b>KM 60, FSR4000</b> <b>BULKLEY NECHAKO, BC</b>  <b>ROOFING DETAILS</b>	SCALE AS SHOWN
						DRAWN SAL		START DATE 2018.10.29
						CHECKED BJM		DRAWING NUMBER <b>S3.3</b>
						APPROVED [Signature]		REVISION <b>2</b>
						APPROVED		

METRIC DRAWING UNITS  
 THE DRAWING UNITS FOR THIS PROJECT ARE COMPLETED IN METRIC. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE IN MILLIMETERS. ALL CONTRACT SUBMITTALS, CORRESPONDENCE, PRODUCT INFORMATION AND ALL GENERAL REFERENCES ARE ALSO REQUIRED TO BE COMPLETED AND SUBMITTED TO THE CONSULTANT IN METRIC.

2019-5-19