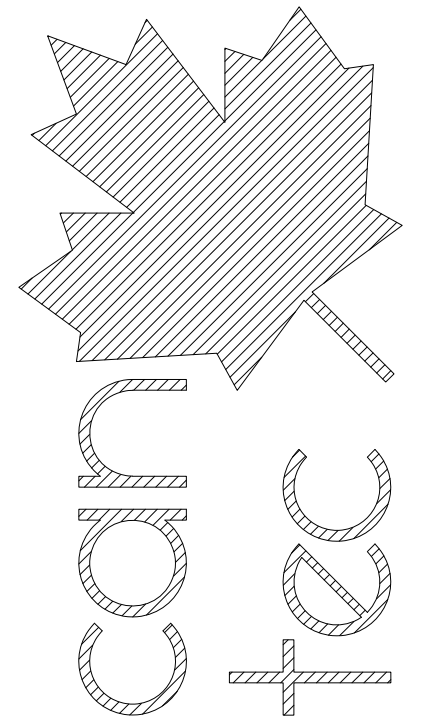


INTERIOR / EXTERIOR RENOVATIONS HOUSE V399 (BLUE) RESOLUTE BAY, NUNAVUT CONSTRUCTION

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INTERIOR/EXTERIOR RENOVATIONS - HOUSE 399

COVER PAGE


CHECKED BY: RS
DRAWN BY: RQS
SCALE: AS NOTED
DATE (YY MM DD): 17 07 18
LOCATION: HOUSE V399(BLUE) RESOLUTE BAY, NUNAVUT

DRAWING LIST

DRAWING LIST	
A0.0	TITLE PAGE
A1.0	DEMOLITION PLAN
A1.1	ELEVATIONS
A1.2	EXISTING WINDOW SECTION DETAILS
A1.3	ROOF PLAN
A2.0	MAIN FLOOR PLAN
A4.0	WINDOW SCHEDULE / SECTION DETAILS
A4.1	NEW EXTERIOR STAIRS FOR MECHANICAL ROOM
M1.0	MECHANICAL PLAN
M1.1	MECHANICAL SPECIFICATIONS
E1.0	ELECTRICAL PLAN

CONSULTANT LIST

PRIME CONSULTANT:



ENGINEERING AND DRAFTING
1948 MAIN STREET, WINNIPEG, MANITOBA

DRAWING SYMBOLS

1 NUMBERED NOTE
WV WINDOW NUMBER
WALL / ROOF IDENTIFIER
DN DOOR NUMBER
X/AB.# DETAIL SECTION
X/AB.# SHEET SECTION LOCATED
X/AB.# ELEVATION IDENTIFIER
X/AB.# DETAIL NUMBER
X/AB.# SHEET ELEVATION LOCATED
X/AB.# DETAIL MARKER (SEE SPECIFICATION BOOK)
X GRID LINES
X/AB.# DETAIL MARKER
X/AB.# ELEVATION MARKER
RM ROOM NUMBER MARKER
X/AB.# DETAIL IDENTIFICATION
X/AB.# DETAIL NUMBER
X/AB.# CURRENT SHEET
X/AB.# PAGE ORIENTATION

ABBREVIATION LIST

ACOUSTIC	ACST	DRYWALL	DW	LAVATORY	LAV	ROOM	RM
ADHESIVE	ADH	EACH	EA	LAY-IN ACOUSTIC TILE	LAT	ROUGH OPENING	RO
ADJUSTABLE	ADJ	EACH WAY	EW	LEFT HAND	LH	RUBBER	RB
AGGREGATE	AGGR	EAST	E	LEFT HAND REVERSE	LHR	RVT	RESILIENT SHEET FLOORING
AIR VAPOUR BARRIER	AVB	ELECTRICAL	ELEC	LENGTH	LG	SCHEDULE	SCHED
ALTERNATE	ALT	ELEVATION	EL	LIGHT	LT	SCREW	SCR
ALUMINUM	ALUM	ELEVATOR	ELEV	LOUVRE	LVR	SECTION	SECT
APARTMENT	APT	EPOXY	EP	MANUFACTURE	MFG	SELF ADHESIVE	SA
APPROXIMATE	APPROX	EQUAL	EQ	MARK	MK	SHEATHING	SHTG
ARCHITECTURE	ARCH	EQUALLY SPACED	EQ SP	MASONRY OPENING	MO	SHEET	SHT
BEAM	BM	EQUIPMENT	EQUIP	MATERIAL	MAT	SHEET VINYL	SV
BENCH MARK	BM	EXISTING	EXIST	MECHANICAL	MECH	SIMILAR	SIM
BETWEEN	BTWN	EXPANSION	EXP	MINIMUM	MIN	SOLID CORE	SC
BLOCK	BLK	EXTERIOR	EXT	MISCELLANEOUS	MISC	SOUTH	S
BOARD	BD	EXTRUDE	EXTR	NEAR FACE	NF	SPECIFICATION	SPEC
BOTH SIDES	BS	FACE TO FACE	F/F	NEAR SIDE	NS	SPRUCE	SPR
BOTH WAYS	BW	FAR SIDE	FS	NORTH	N	SPRUCE, PINE OR FIR	SP/P/F
BOTTOM	BOT	FIBREBOARD	FBRBD	NOT APPLICABLE	N/A	STAIN	ST
BUILDING	BLDG	FINISH	FIN	NOT IN CONTRACT	NIC	STAINLESS STEEL	SS
CARPET	CPT	FLOOR	FL	NOT TO SCALE	NTS	STANDARD	STD
CAST IRON	CI	FLOOR DRAIN	FD	NUMBER	NO	STEEL	STL
CEILING	CLG	FLOORING	FLG	ON CENTRE	O/C	STRUCTURAL	STRUCT
CEMENT BOARD	CBD	FLUORESCENT	FLR	OUT TO OUT	O/O	SQUARE FEET	SF
CENTRE	CTR	FOOTING	FTG	OUTSIDE DIAMETER	OD	TEMPORARY	TEMP
CENTRE TO CENTRE	C/C	FOUNDATION	FDN	OUTSIDE FACE	OF	THROUGH	THRU
CERAMIC TILE	CT	FULL SIZE	FS	OVERHEAD	OH	TO MATCH EXISTING	TME
CIRCLE	CIRC	GALVANIZED	GALV	PAINT	PT	TONGUE AND GROOVE	T&G
CLEAR	CLR	GALVANIZED IRON	GI	PAINTED	PTD	TOP AND BOTTOM	T&B
COLUMN	COL	GAUGE	GA	PARTITION	PTN	TOP OF	T/O
COMPLETE WITH	C/W	GLASS	GL	PLYWOOD	PLYWD	TYPICAL	TYP
CONCRETE	CONC	HARDWARE	HDW	PRECAST	PC	UNDER SIDE	U/S
CONCRETE BLOCK	CBLK	HEIGHT	HGT	PRECAST CONCRETE	PC CONC	UNDERCUT	UCUT
CONSTRUCTION	CONST	HEXAGON	HEX	PREFABRICATION	PREFAB	URINAL	UR
CONTINUOUS	CONT	HOLLOW CORE	HC	PREFINISHED	PREFIN	VAPOUR BARRIER	VB
CONTROL JOINT	CJ	HOLLOW METAL	HM	PRESSED STEEL	PS	VERTICAL	VERT
COUNTERSINK	CSK	HORIZONTAL	HORIZ	QUANTITY	QTY	VINYL ASBESTOS TILE	VAT
COVERED SHEET VINYL	CSV	INCLUSIVE	INCL	QUARRY TILE	QT	VINYL COVE BASE	VCB
DETAIL	DTL	INSIDE DIAMETER	ID	RADIUS	R	VINYL TILE	VT
DEMOLISH	DEMO	INSIDE FACE	IF	RAINWATER LEADER	REL	VINYL WALL COVERING	VWC
DIAGONAL	DIAG	INSULATE	INSUL	REFERENCE	REF	WATER CLOSET	WC

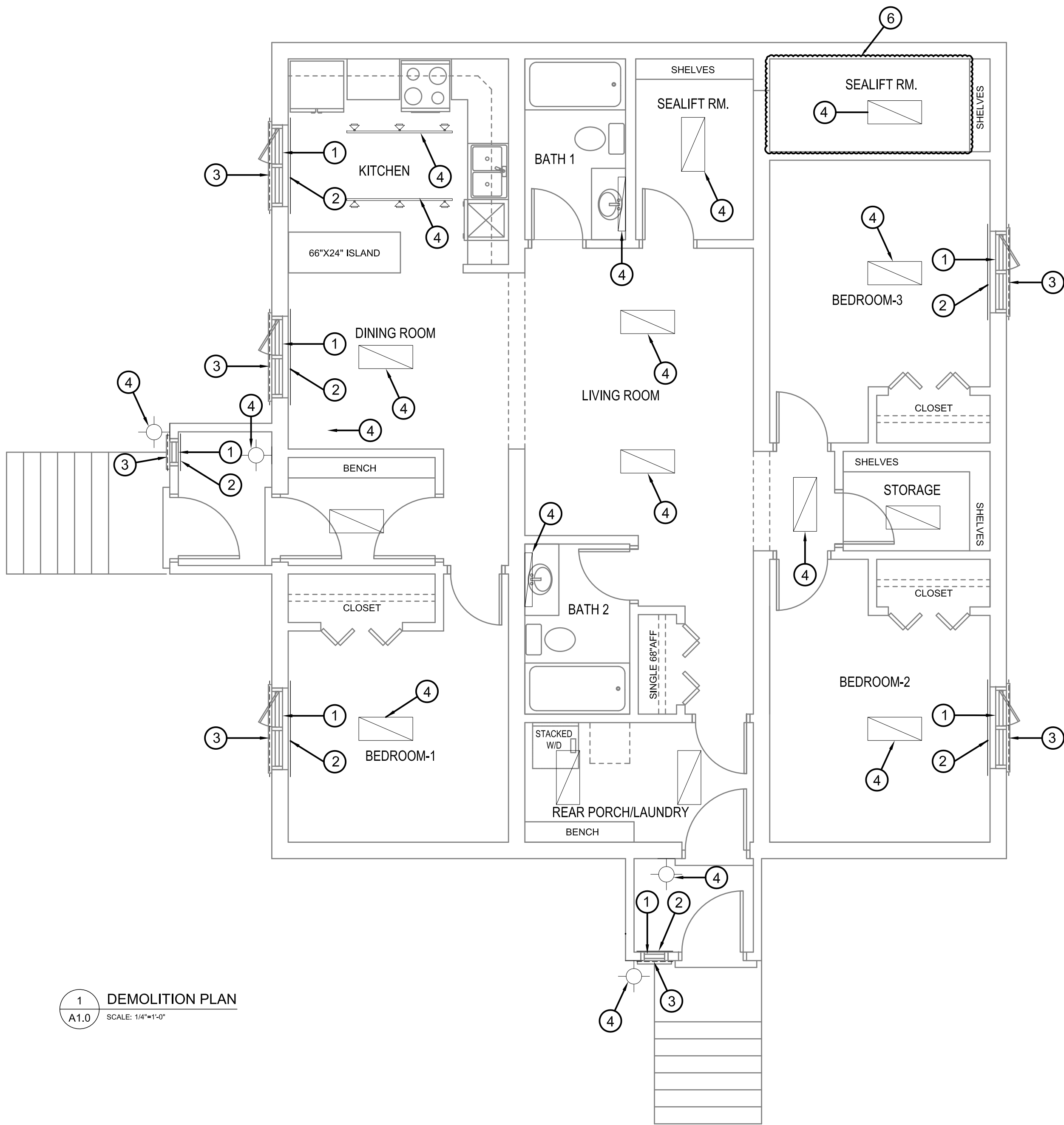
CONSTRUCTION

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REVISION #: 00

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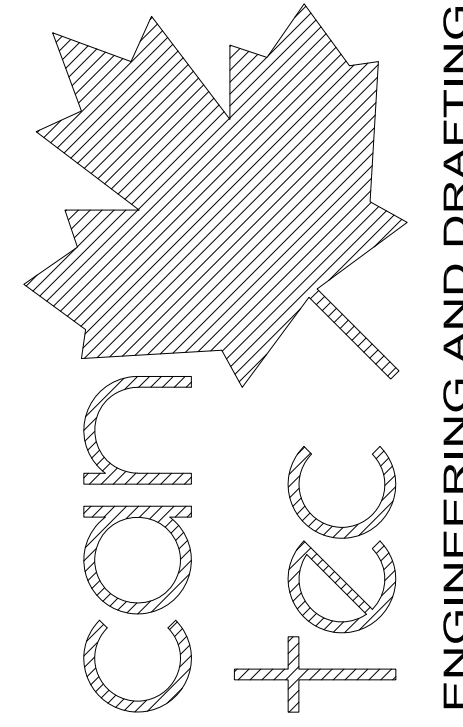
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00	ISSUED FOR CONSTRUCTION	17 07 18	RS



DEMOLITION NOTES #

1. REMOVE EXISTING WINDOWS
2. REMOVE DAMAGED DRYWALL AND INSULATION AROUND WINDOW APPROXIMATELY 36" - 48" ON EITHER SIDE OF THE WINDOW AND FROM FLOOR TO CEILING AT EACH WINDOW.
3. REMOVE EXISTING SIDING AND CUT BACK AS REQUIRED TO ALLOW NEW WINDOW TO SEAL AGAINST WALL.
4. REMOVE EXISTING LIGHTS
5. REMOVE ENTIRE EXISTING CEILING DRYWALL IN THIS MODULE. REMOVE 2X4 FURRING BENEATH DRYWALL. REMOVE EXISTING AVB.
6. DRYWALL DAMAGED, PATCH AND MAKE GOOD GWB, PRIME AND PAINTED TO MATCH EXISTING.

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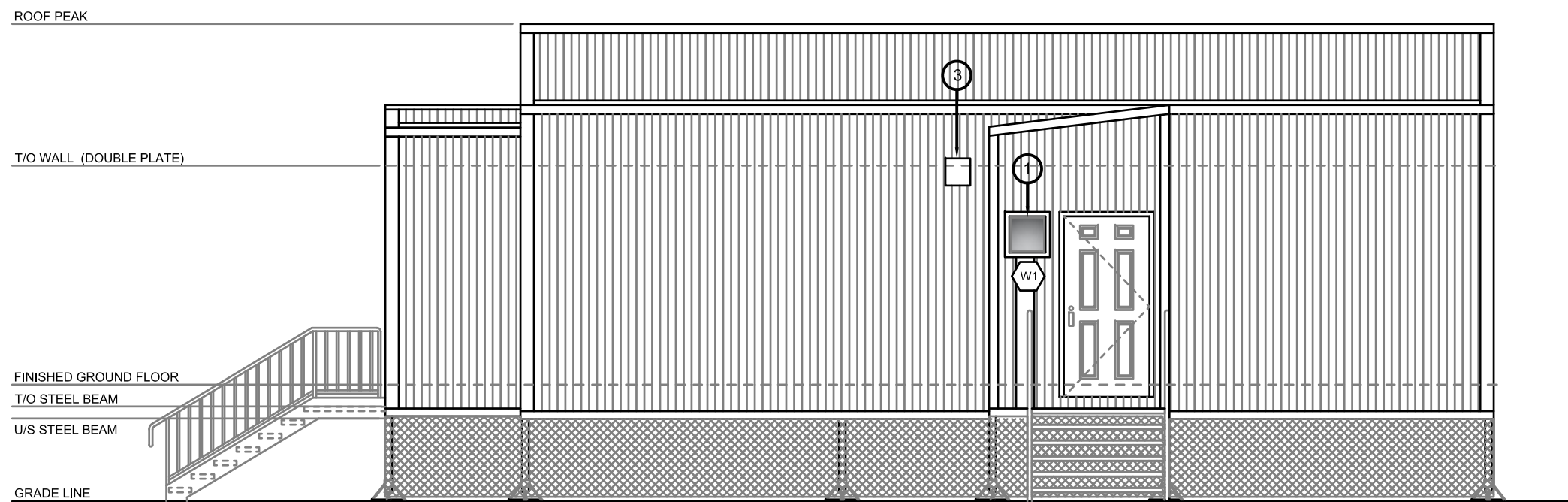
INTERIOR/EXTERIOR RENOVATIONS - HOUSE 399
DEMOLITION PLAN

PROJECT TITLE: INTERIOR/EXTERIOR RENOVATIONS - HOUSE 399
 SHEET TITLE: DEMOLITION PLAN
 DATE (YY MM DD): 17 07 18
 SCALE: AS NOTED
 CHECKED BY: RS
 DRAWN BY: RQS
 LOCATION: HOUSE V399(BLUE) RESOLUTE BAY, NUNAVUT

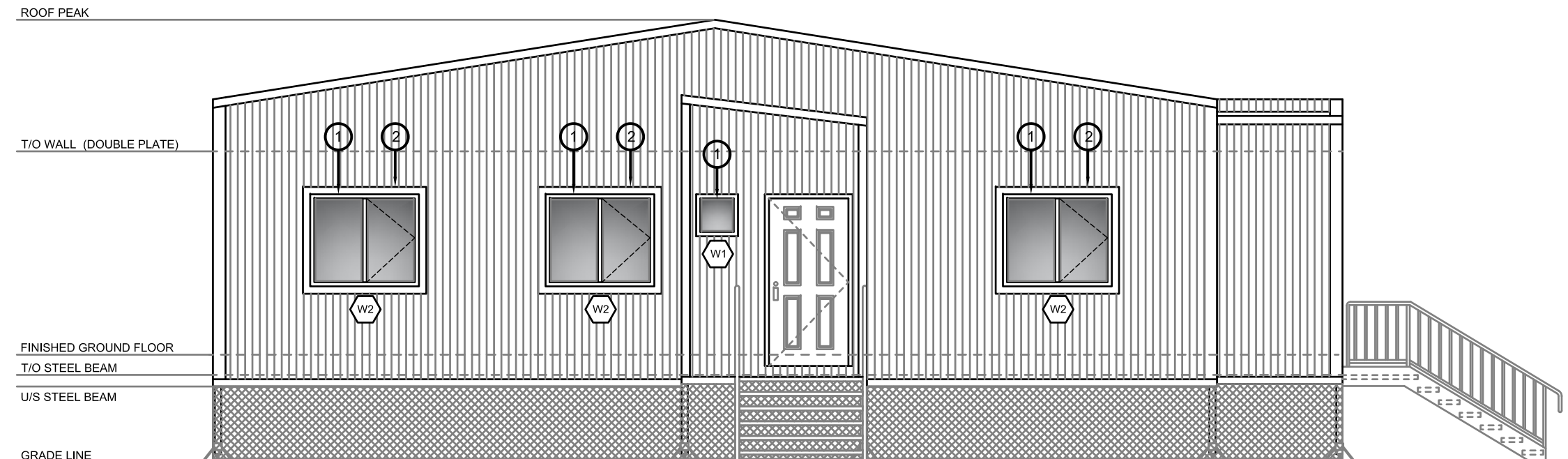
1 DEMOLITION PLAN
 A1.0 SCALE: 1/4"=1'-0"

CONSTRUCTION
A1.0
 REVISION #: 00
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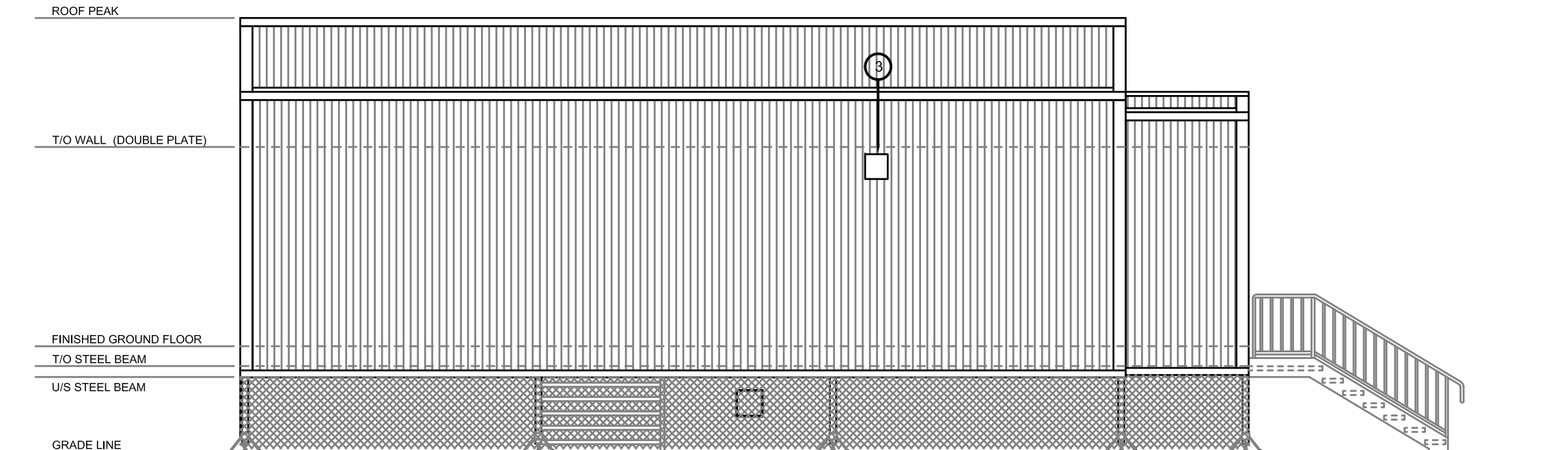
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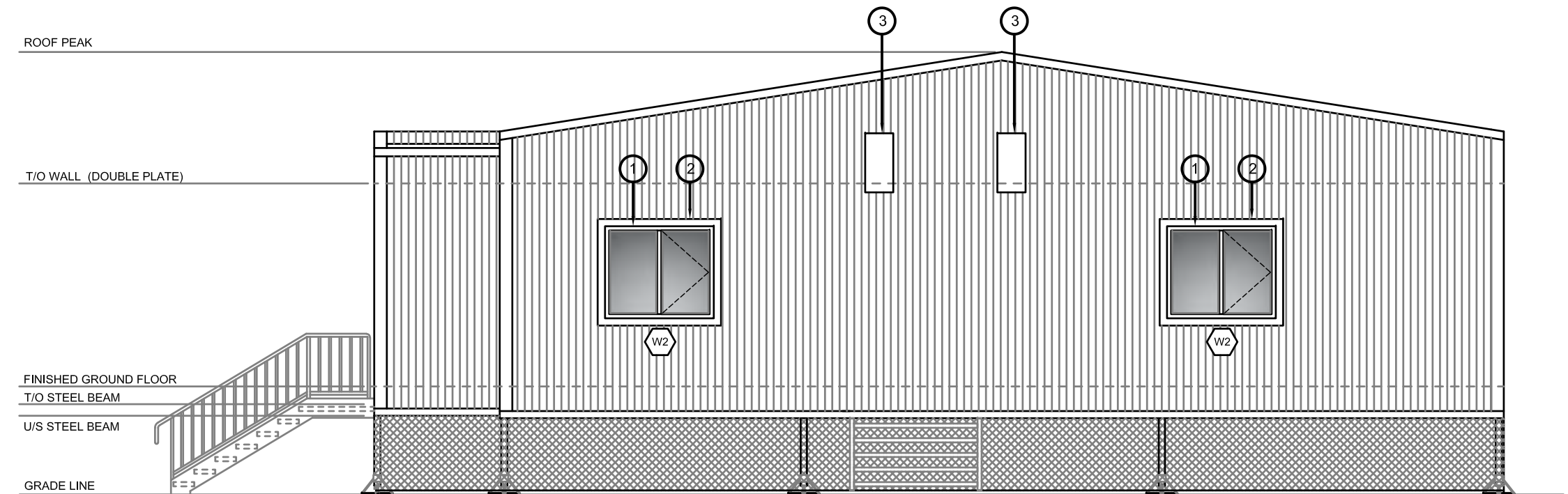
1 FRONT ELEVATION
A1.1 SCALE: 1/4"=1'-0"



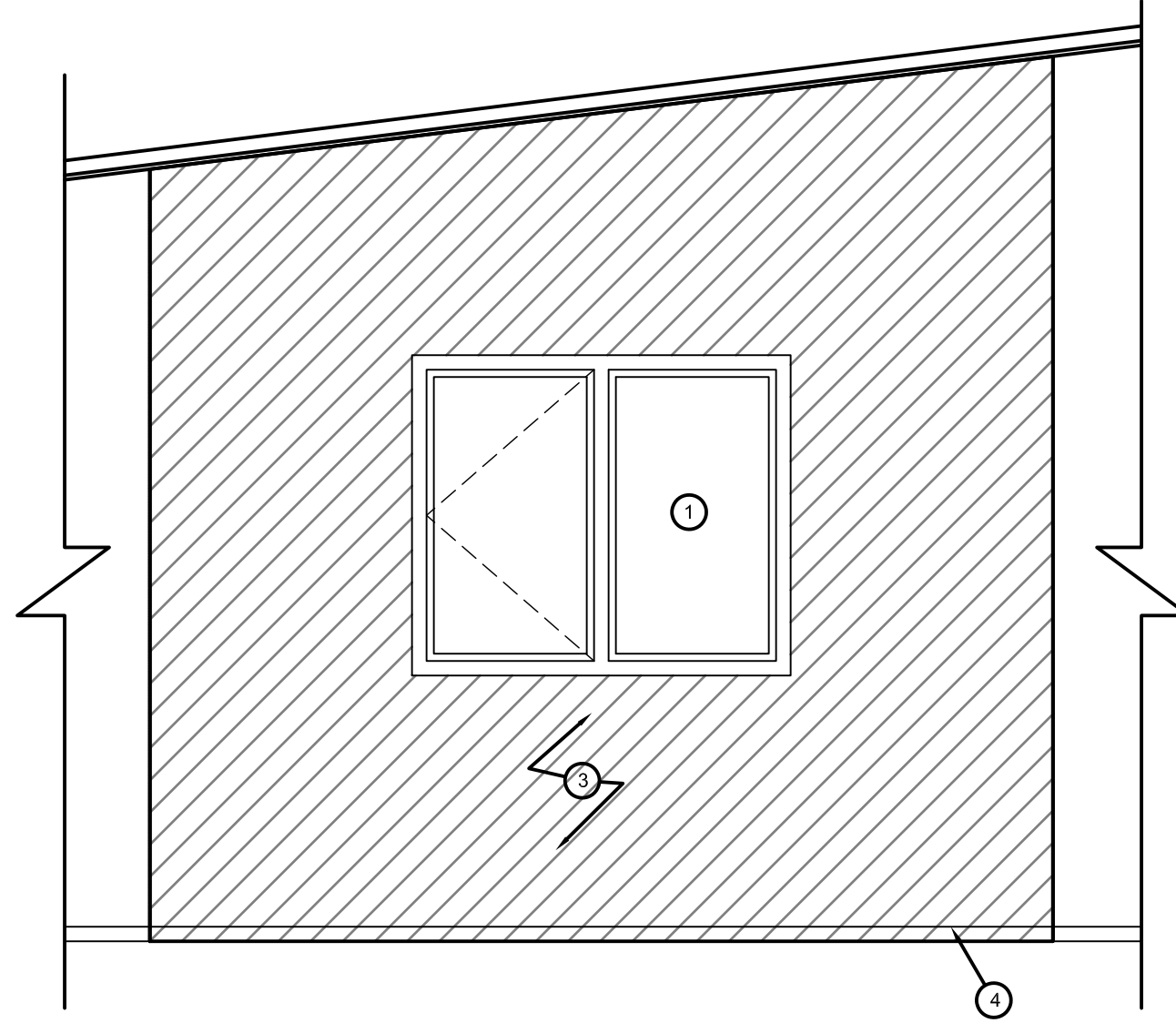
2 LEFT SIDE ELEVATION
A1.1 SCALE: 1/4"=1'-0"



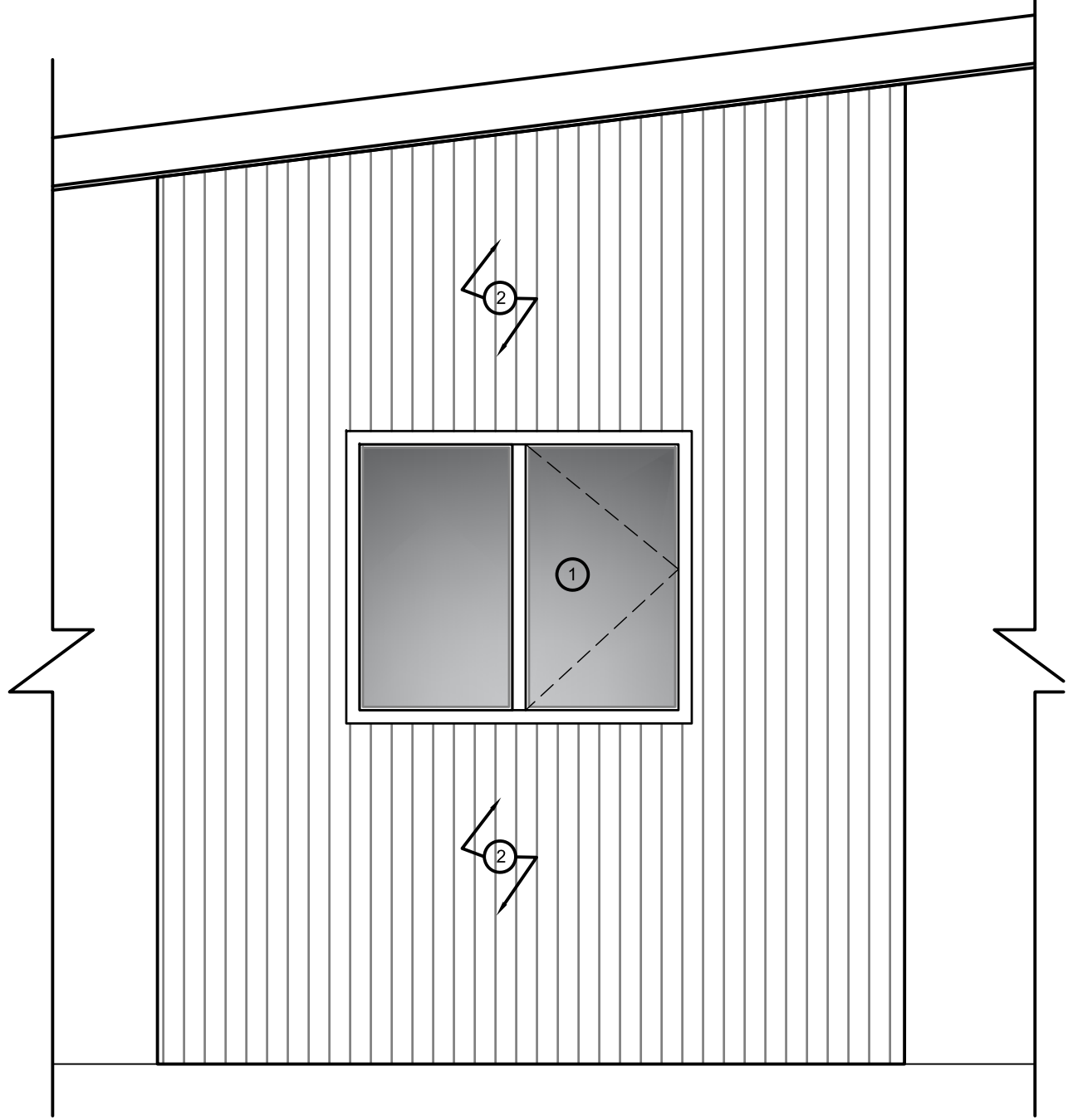
3 REAR ELEVATION
A1.1 SCALE: 1/4"=1'-0"



4 RIGHT SIDE ELEVATION
A1.1 SCALE: 1/4"=1'-0"



5 WINDOW DEMOLITION INTERIOR ELEVATION - TYPICAL
A1.1 SCALE: 1/2"=1'-0"



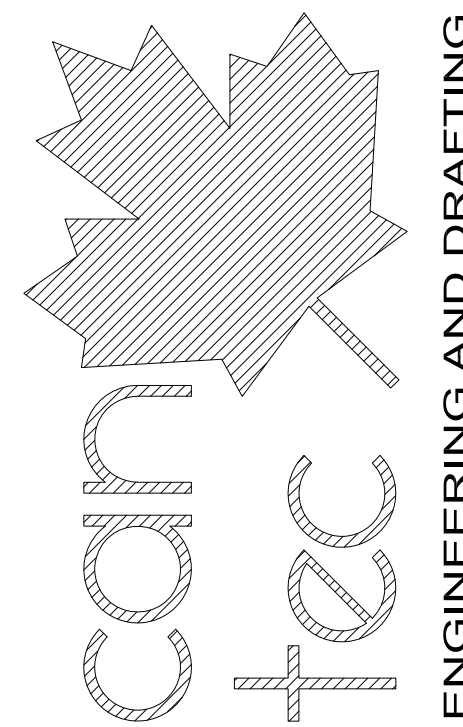
6 WINDOW DEMOLITION EXTERIOR ELEVATION - TYPICAL
A1.1 SCALE: 1/2"=1'-0"

NOTES

1. REMOVE EXISTING WINDOW
2. REMOVE EXISTING EXTERIOR P.F. STEEL SIDING AND CHECK FOR DAMAGE BENEATH. CUT BACK EXISTING OPENING TO ALLOW FOR NEW WINDOW TO SEAT AGAINST BLOCKING. SEE DETAIL A1.2
3. REMOVE EXISTING EXHAUST VENTS AND INSTALL NEW - SEE MECHANICAL
4. REMOVE BASE BOARD AND RETAIN FOR REINSTALLATION.

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ELEVATIONS

CHECKED BY: RS
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SCALE: AS NOTED
DATE (YY MM DD): 17 07 18
LOCATION: HOUSE V399(BLUE) RESOLUTE BAY, NUNAVUT

CONSTRUCTION

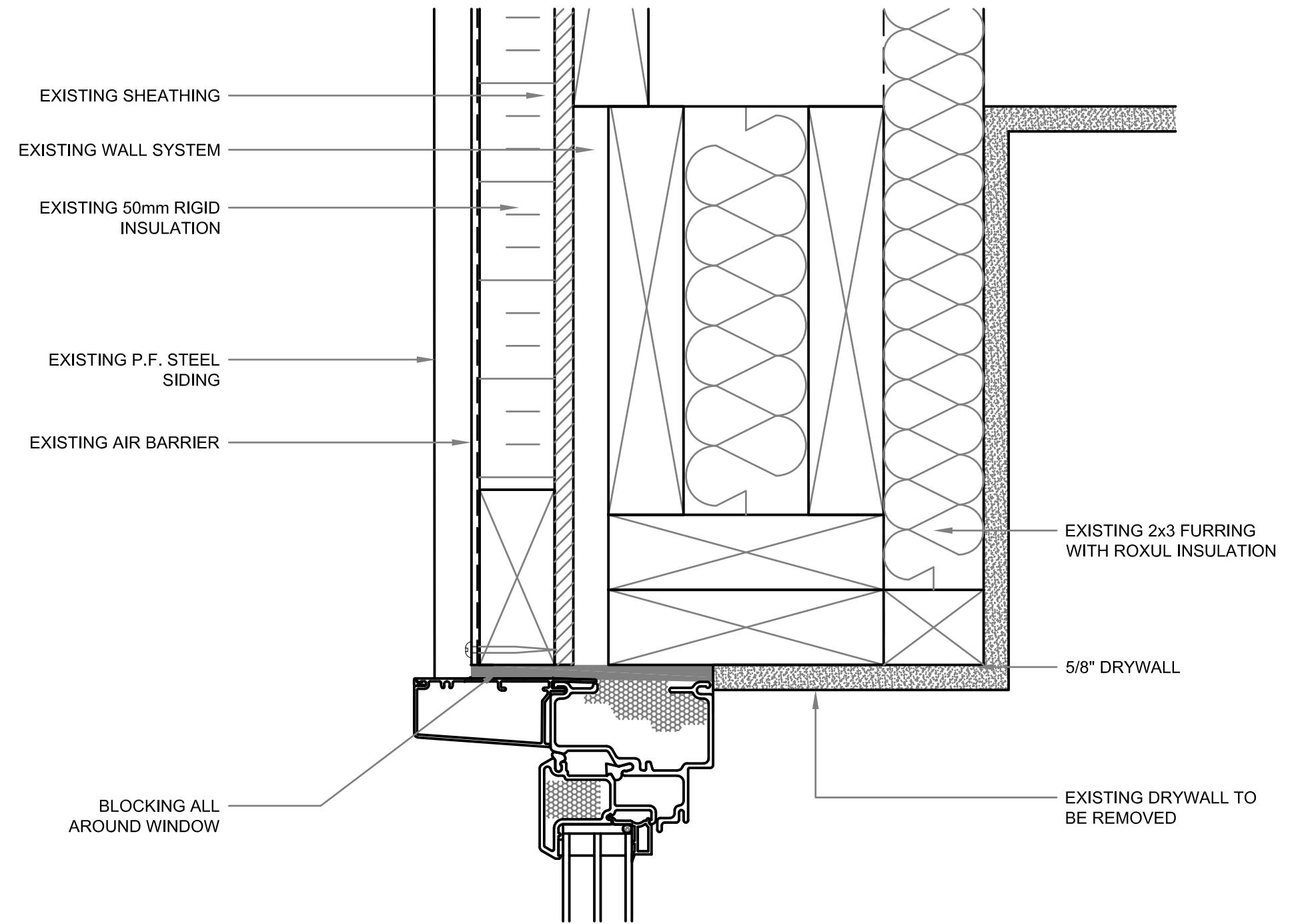
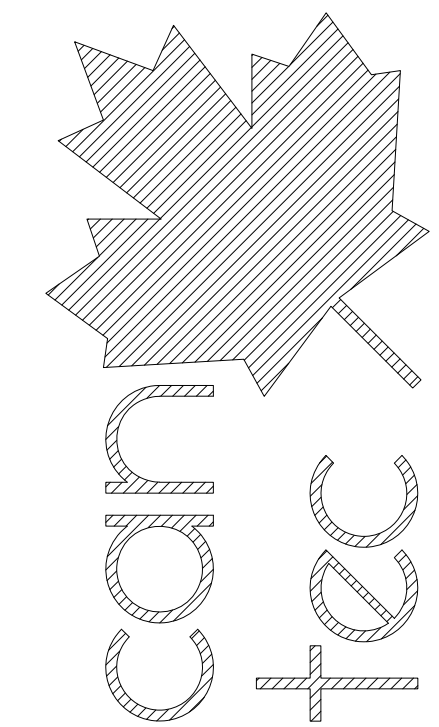
A1.1

REVISION #: 00
JOB NO. 17-001-01-10

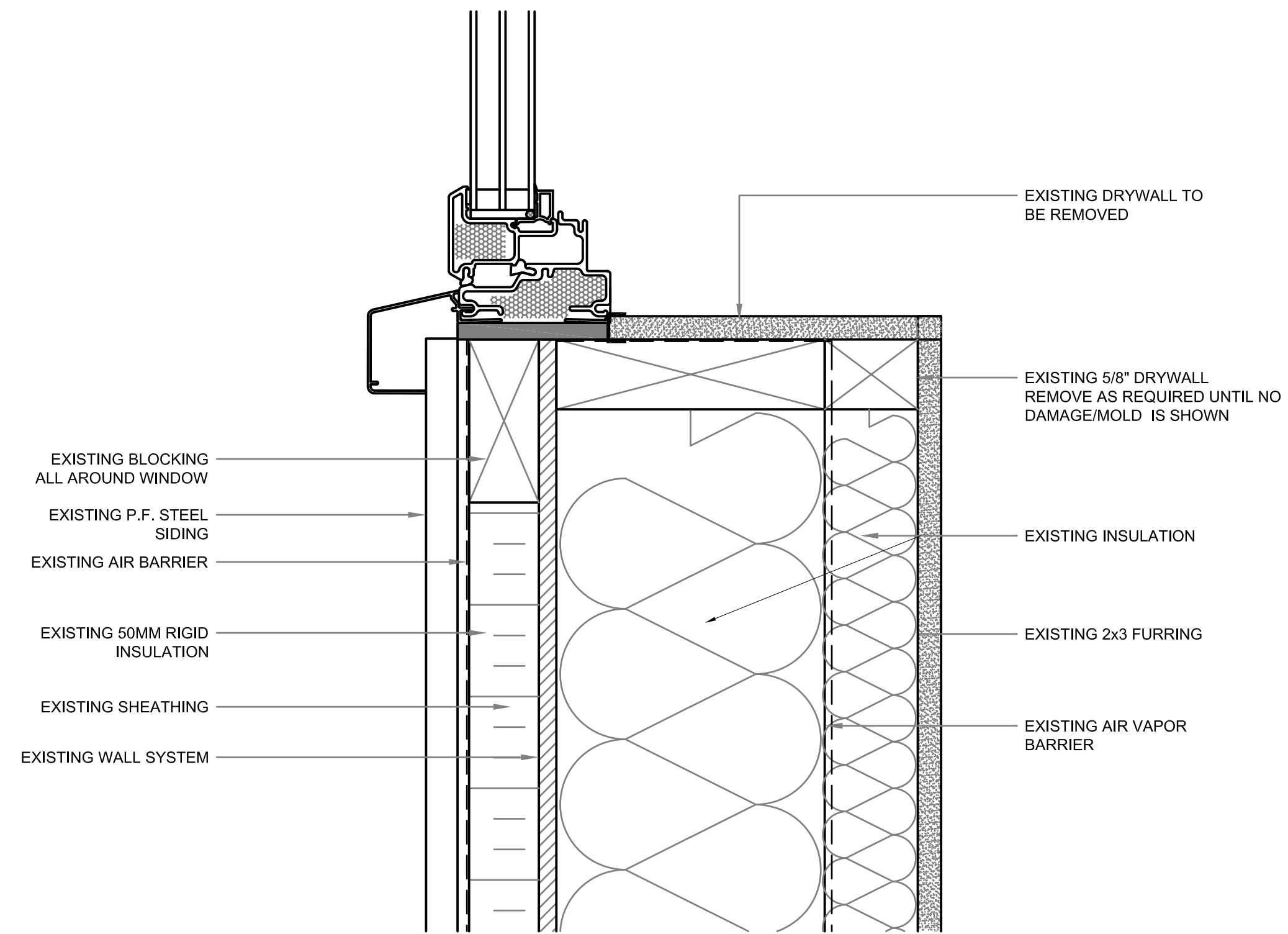
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1 EXISTING WINDOW HEAD DETAIL
 A1.2 SCALE: N.T.S.



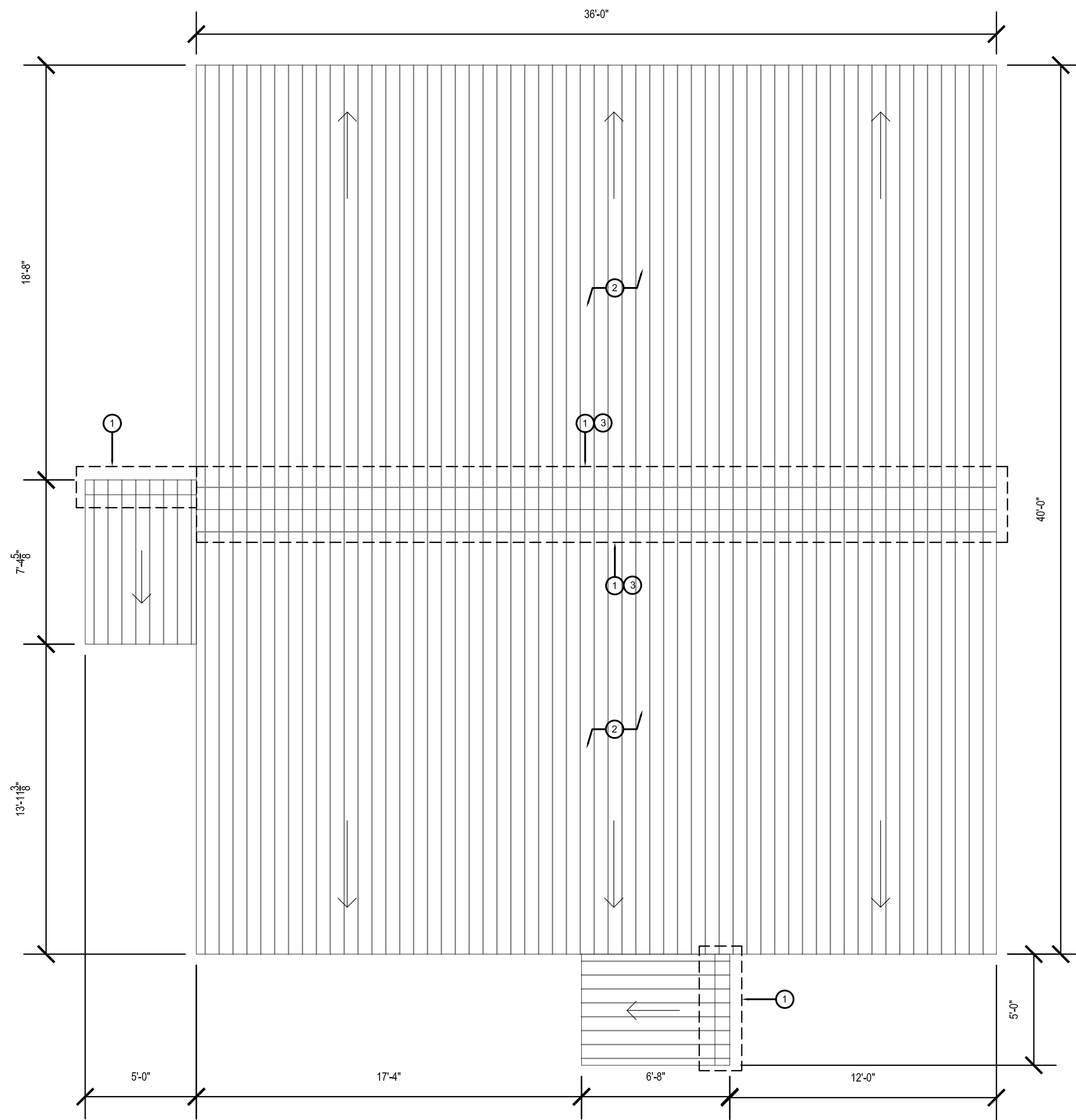
2 EXISTING WINDOW SILL DETAIL
 A1.2 SCALE: N.T.S.

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INTERIOR/EXTERIOR RENOVATIONS - HOUSE 399
EXISTING WINDOW SECTION DETAILS

PROJECT TITLE
 SHEET TITLE
 DATE (YY MM DD) 17 07 18
 SCALE AS NOTED
 CHECKED BY RS
 DRAWN BY RQS
 LOCATION HOUSE V399(BLUE) RESOLUTE BAY, NUNAVUT

CONSTRUCTION
A1.2
 REVISION #: 00
 JOB NO. 17-001-01-10

#	REVISION	DATE (YY MM DD)	REV. BY
1	RE-ISSUED FOR CONSTRUCTION	12/30/10	AJRK



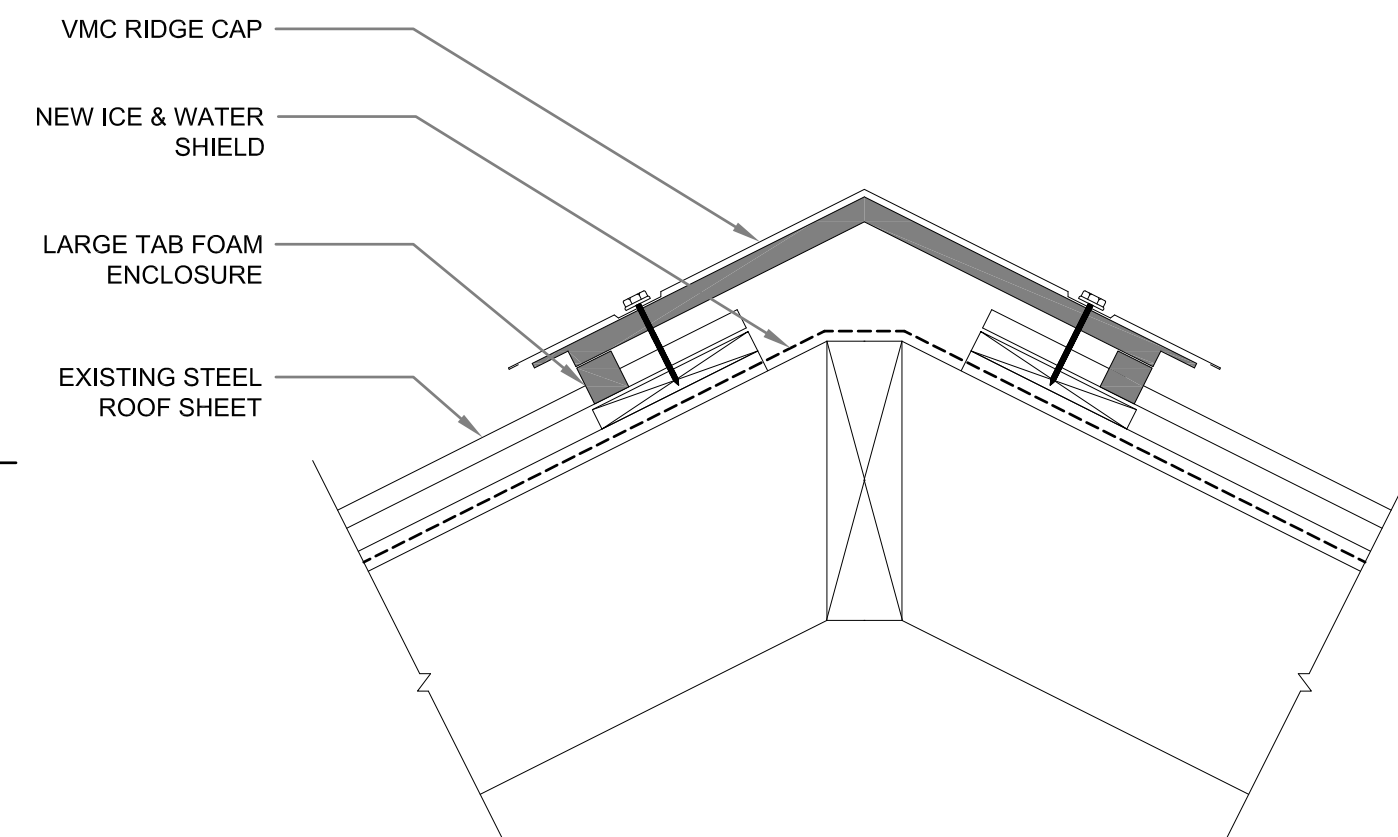
1 ROOF PLAN
SCALE: 1/4"=1'-0"

ROOF PLAN NOTES:

1. SCREWS ARE MISSING IN SEVERAL PLACES. INSTALL NEW SCREWS AND GASKETS OVER ENTIRE ROOF.
2. CONTRACTOR TO REFASTEN ROOF (INSTALL NEW SCREWS; ADD END AND PEAK GASKETS; ADD ICE AND WATER SHIELD TO FIRST 4'-0" AT PEAK AND EAVE.
3. ADD NEW ROOF CAP.

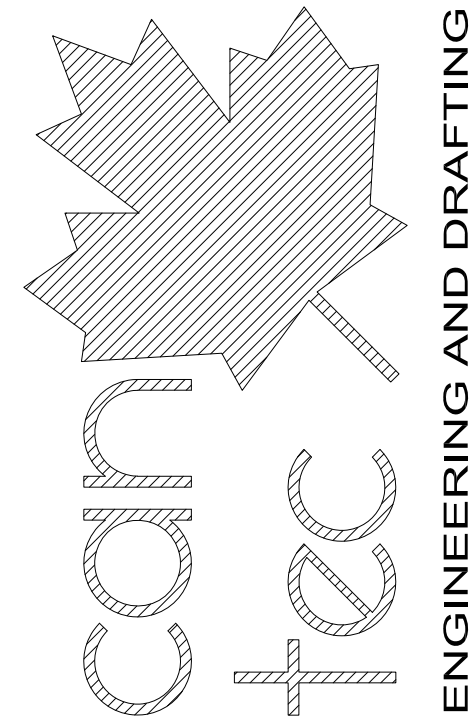
ROOF PLAN NOTES:

1. SCREWS ARE MISSING IN SEVERAL PLACES. INSTALL NEW SCREWS AND GASKETS OVER ENTIRE ROOF.
2. REMOVE ALL EXISTING SCREWS AND REPLACE WITH NEW.
3. ADD NEW ICE AND WATER SHIELD UNDER ROOF PEAK.



2 ROOF RIDGE DETAIL
SCALE: N.T.S

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ROOF PLAN

CHECKED BY: RS
DRAWN BY: RQS
SCALE: AS NOTED
DATE (YY MM DD): 17 07 18
LOCATION: HOUSE V399(BLUE) RESOLUTE BAY, NUNAVUT

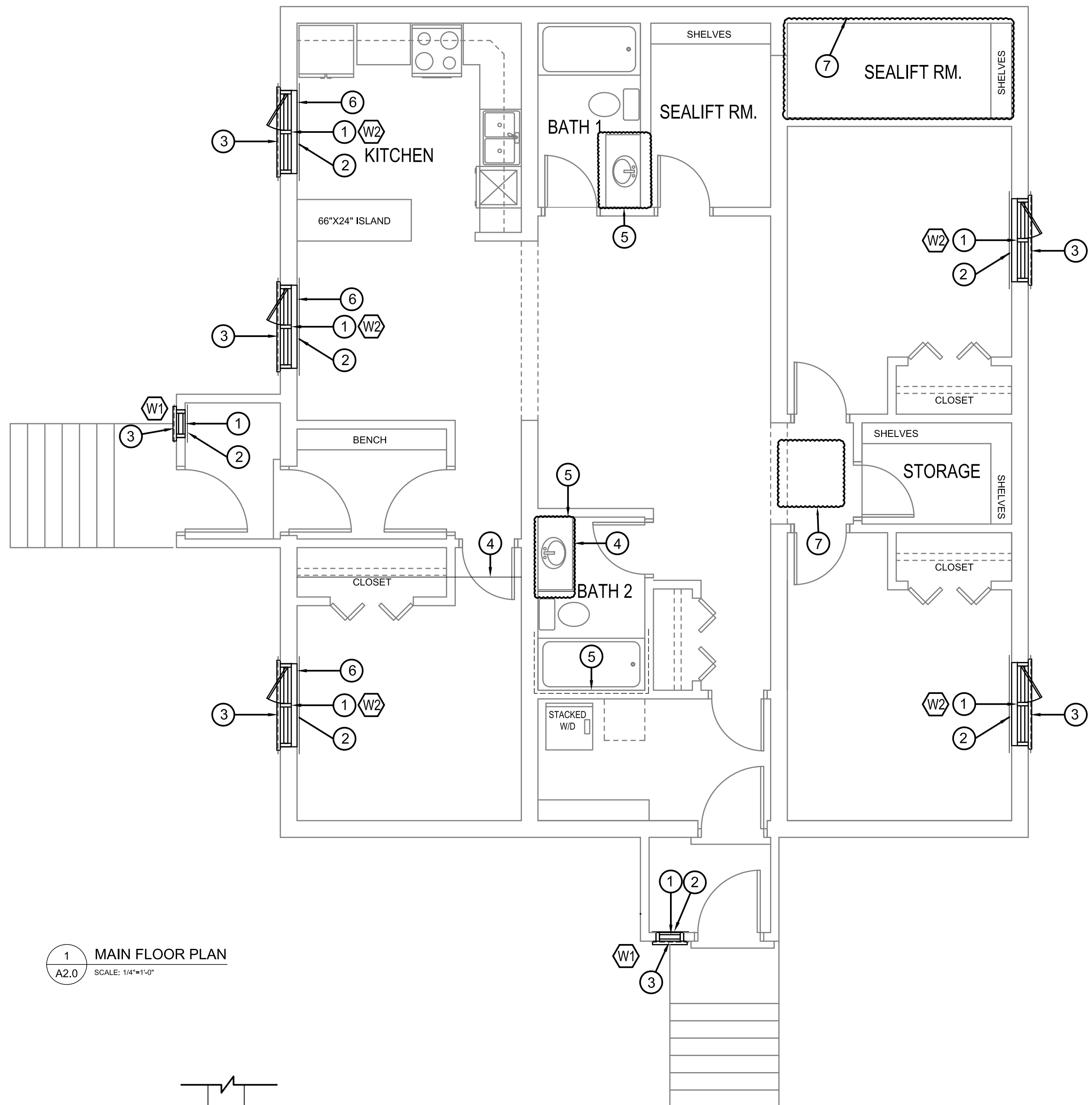
CONSTRUCTION

A1.3

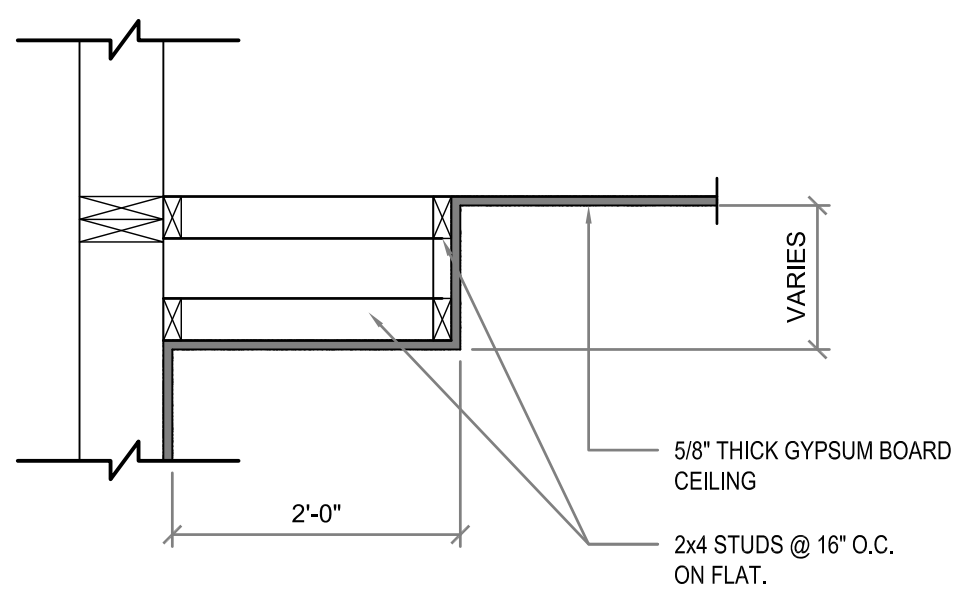
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17-001-01-10

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1 MAIN FLOOR PLAN
A2.0 SCALE: 1/4"=1'-0"



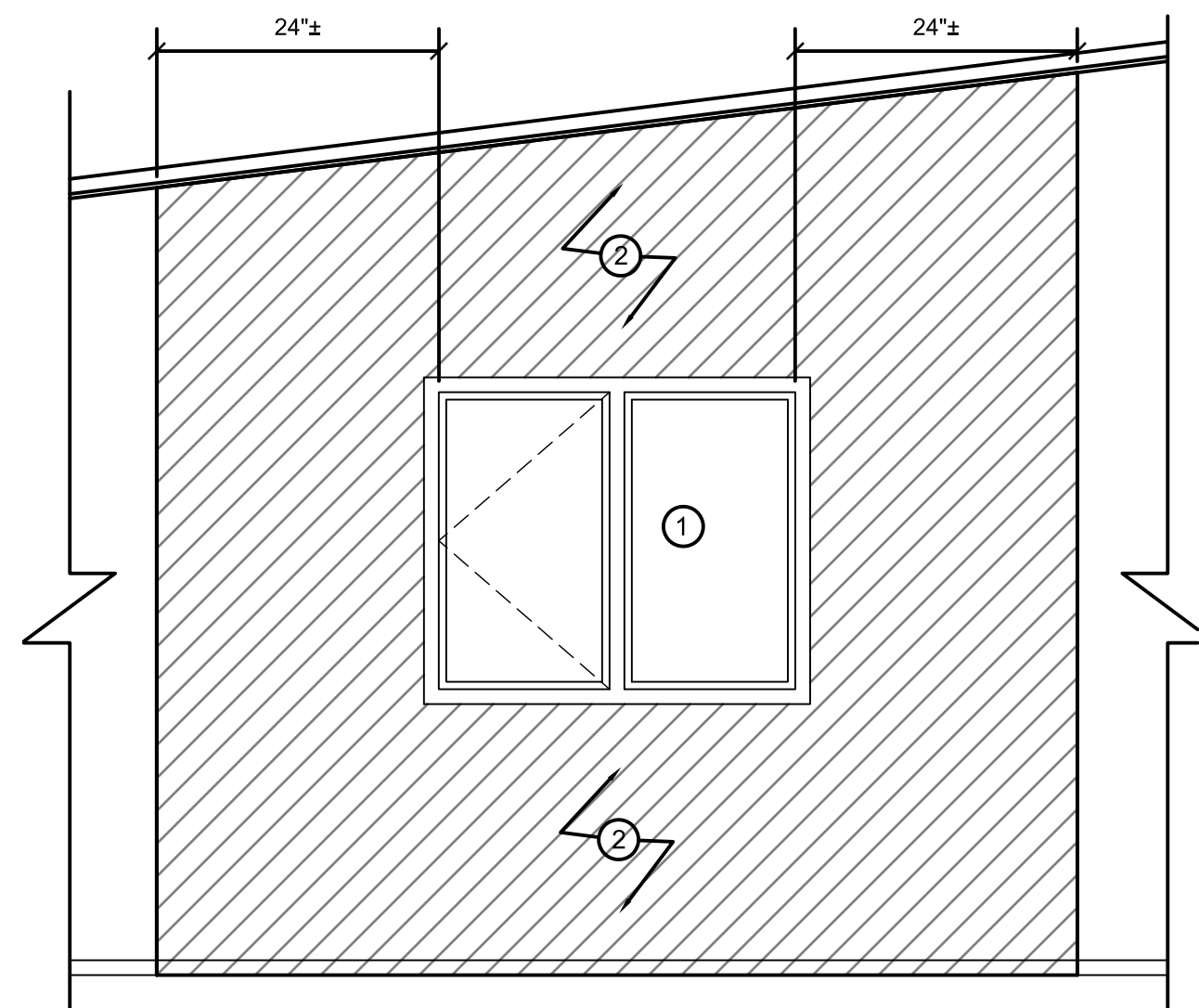
4 BULKHEAD SECTION
A2.0 SCALE: 1/2"=1'-0"

DRAWING NOTES #

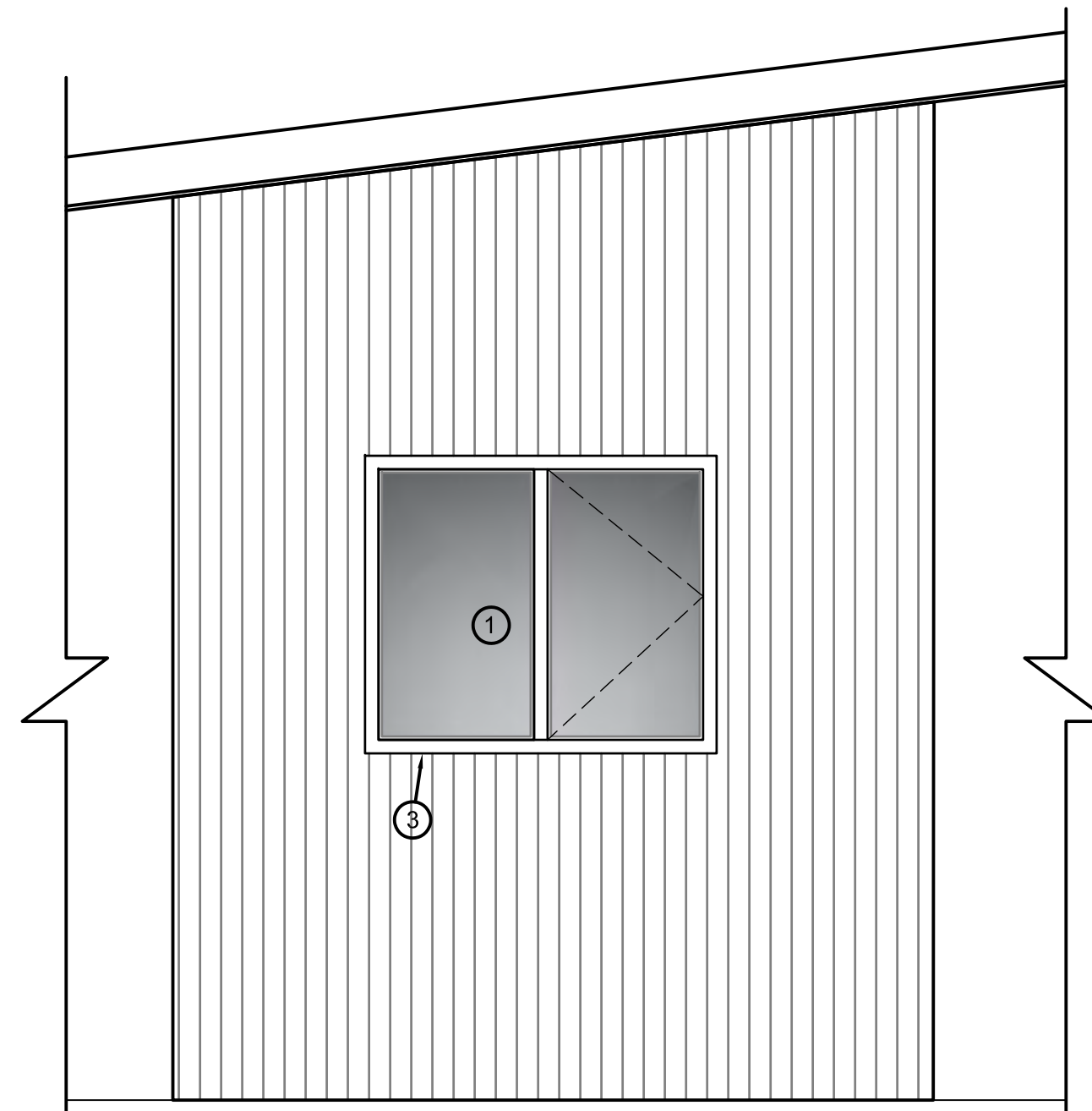
1. INSTALL NEW WINDOW SEE SHEET A4.0 FOR DETAILS
2. EXISTING WALL TO BE RE-DRYWALLED FROM 18" - 24" ON EITHER SIDE OF EXISTING WINDOW. ENTIRE WALL SECTION TO BE RE-PAINTED TO MATCH EXISTING
3. RE-INSTALL EXISTING SIDING AFTER MODIFYING AREA AROUND WINDOW. SEE DETAILS ON SHEET A4.0.
4. INSTALL NEW BULKHEAD SEE DETAIL 4 SHEET A2.0 FOR MECHANICAL DUCTWORK.
5. REPAIR EXISTING DRYWALL AS REQUIRED TO INSTALL NEW EXHAUST FAN.
6. FILL THE GAP UNDER THE WINDOW FRAME WITH 2X4 WOOD STUD.
7. REPAIR DRYWALL DAMAGE ON WALLS AND CEILING.

GENERAL NOTES:

1. ENTIRE CEILING TO BE RE-PAINTED THROUGHOUT HOUSE.
2. ANY DAMAGE TO CEILING TO BE REPAIRED AFTER NEW LIGHT FIXTURES ARE INSTALLED.
3. INSTALL NEW DOUBLE ROLLER BLINDS ON ALL WINDOWS EXCEPT FOR VESTIBULE WINDOWS

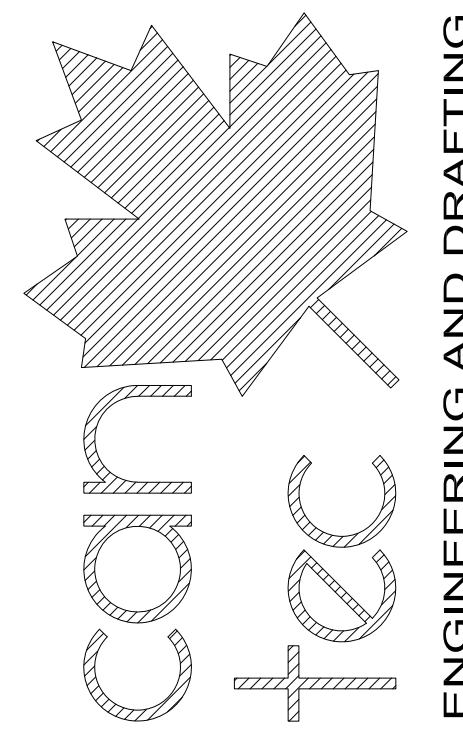


2 WINDOW INTERIOR REPAIR ELEVATION (TYP.)
A2.0 SCALE: 1/2"=1'-0"



3 WINDOW REPAIR EXTERIOR ELEVATION (TYP.)
A2.0 SCALE: 1/2"=1'-0"

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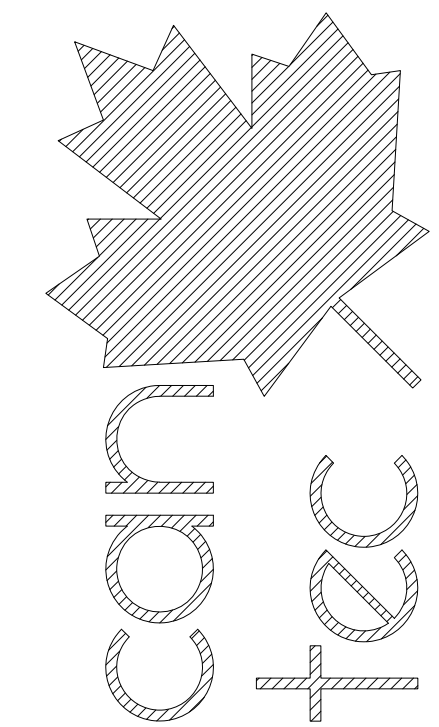
PROJECT TITLE: INTERIOR/EXTERIOR RENOVATIONS - HOUSE 399
SHEET TITLE: MAIN FLOOR PLAN
DATE (YY MM DD): 17 07 18
SCALE: AS NOTED
DRAWN BY: RQS
CHECKED BY: RS
LOCATION: HOUSE V399(BLUE) RESOLUTE BAY, NUNAVUT

CONSTRUCTION
A2.0
REVISION #: 00
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PROJECT TITLE
INTERIOR/EXTERIOR RENOVATIONS - HOUSE 399

SHEET TITLE
DETAILS & SCHEDULE OF WINDOWS

DATE (YY MM DD) 17 07 18
 SCALE AS NOTED
 CHECKED BY RS
 DRAWN BY RQS

LOCATION
 HOUSE V399(BLUE) RESOLUTE BAY, NUNAVUT

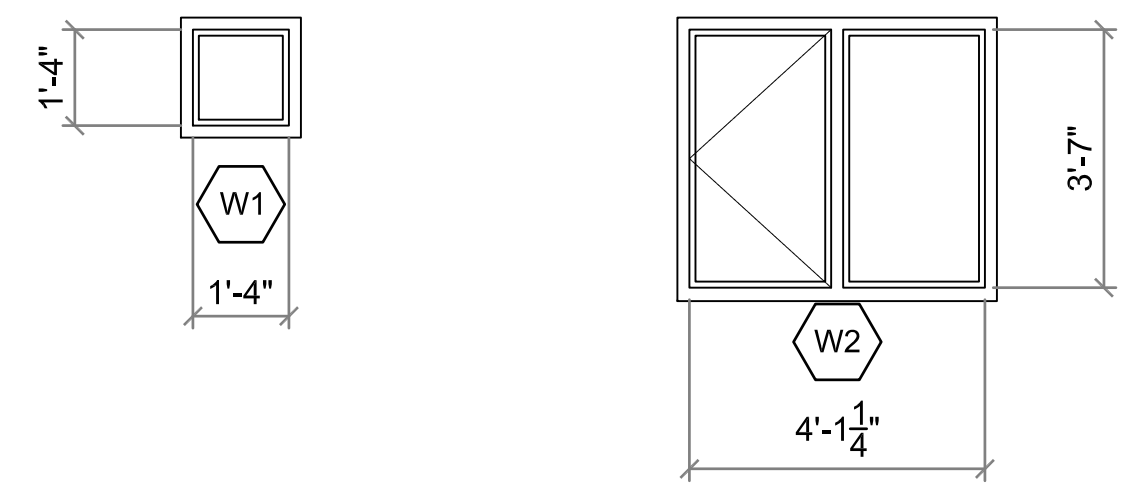
CONSTRUCTION

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REVISION #: 00

JOB NO. 17-001-01-10

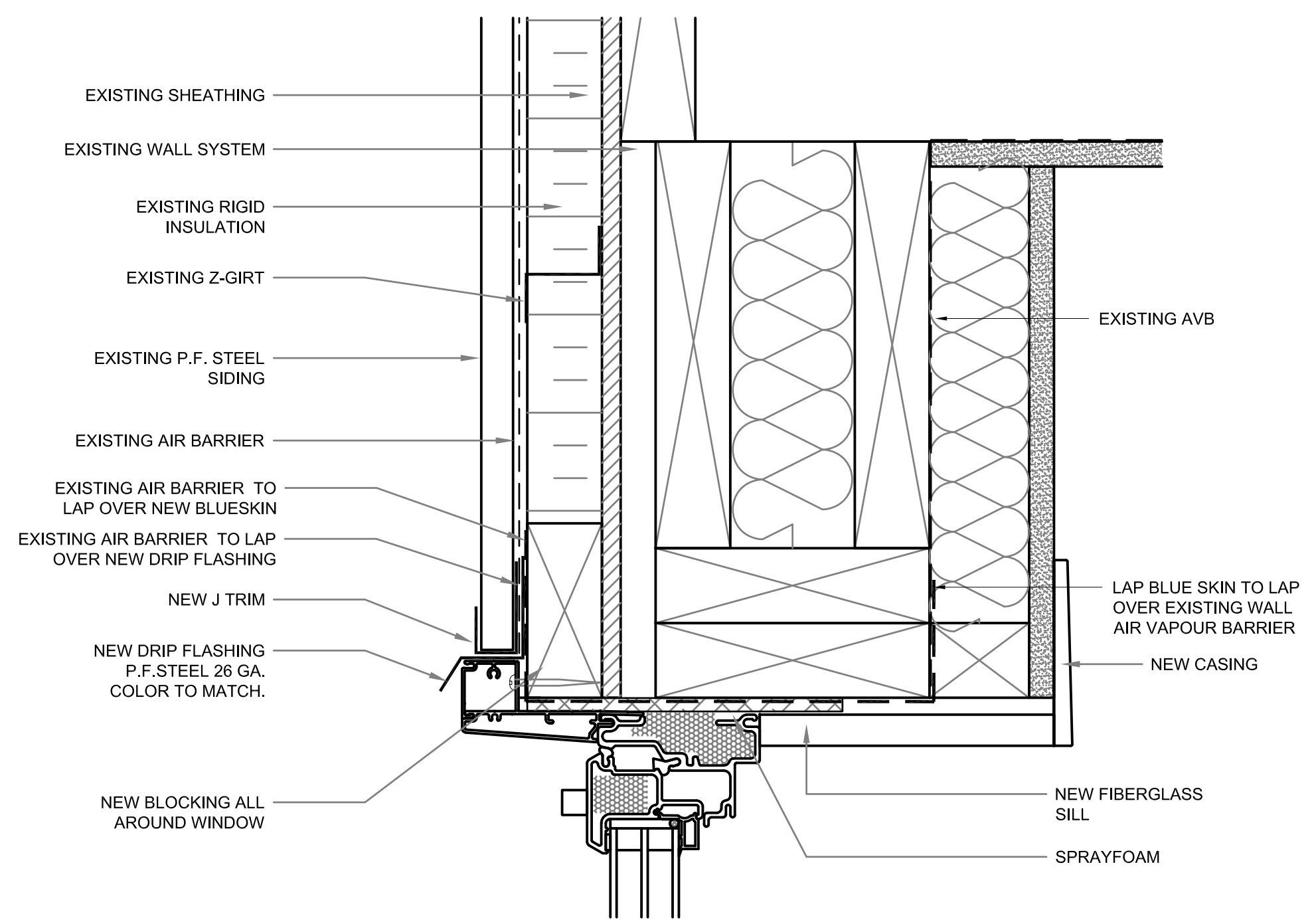
RE-ISSUED FOR CONSTRUCTION 12/30/10 AJRK
 REV. # REVISION DATE (YY MM DD) REV. BY



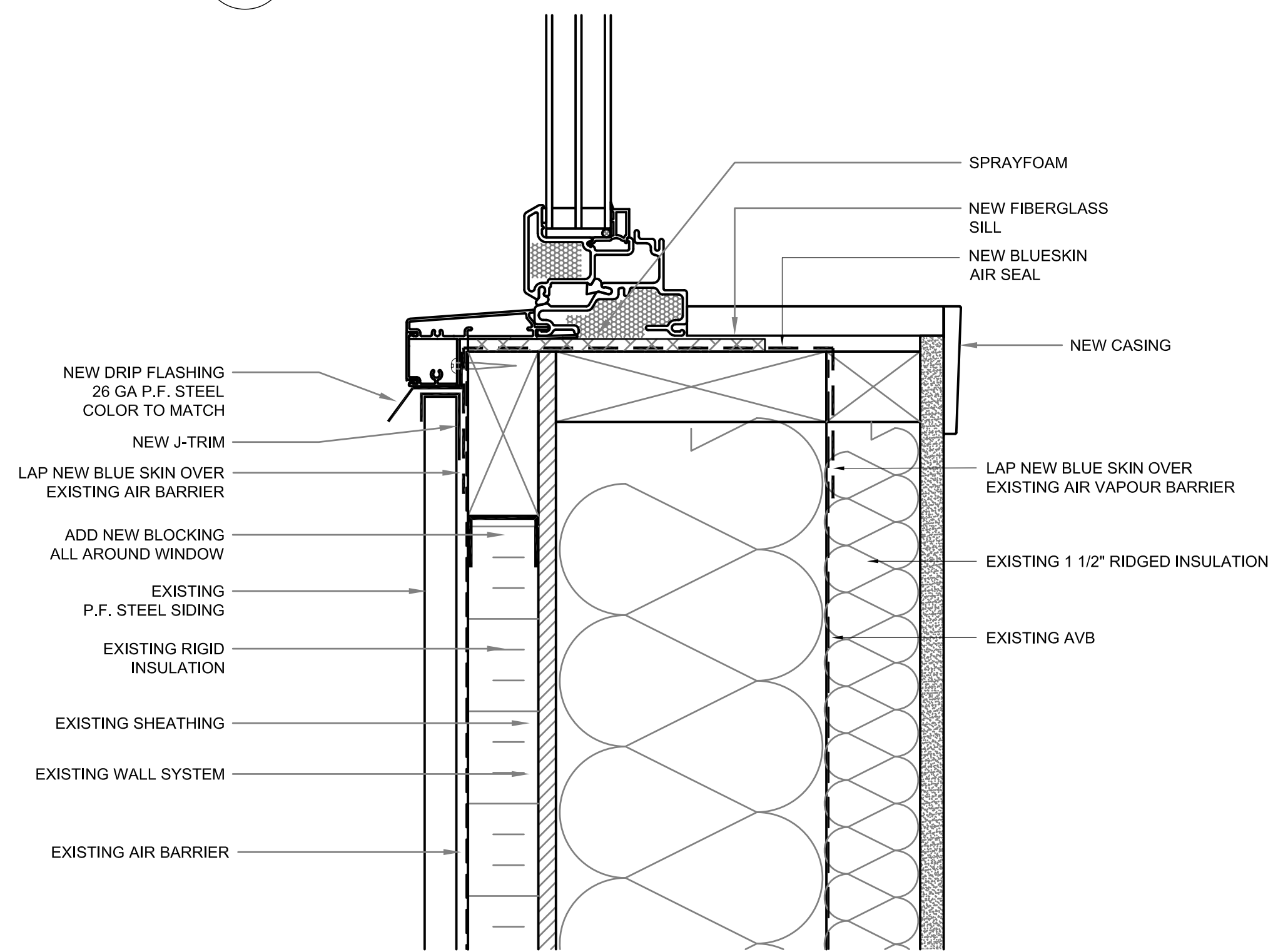
WINDOW SCHEDULE

NOTES:

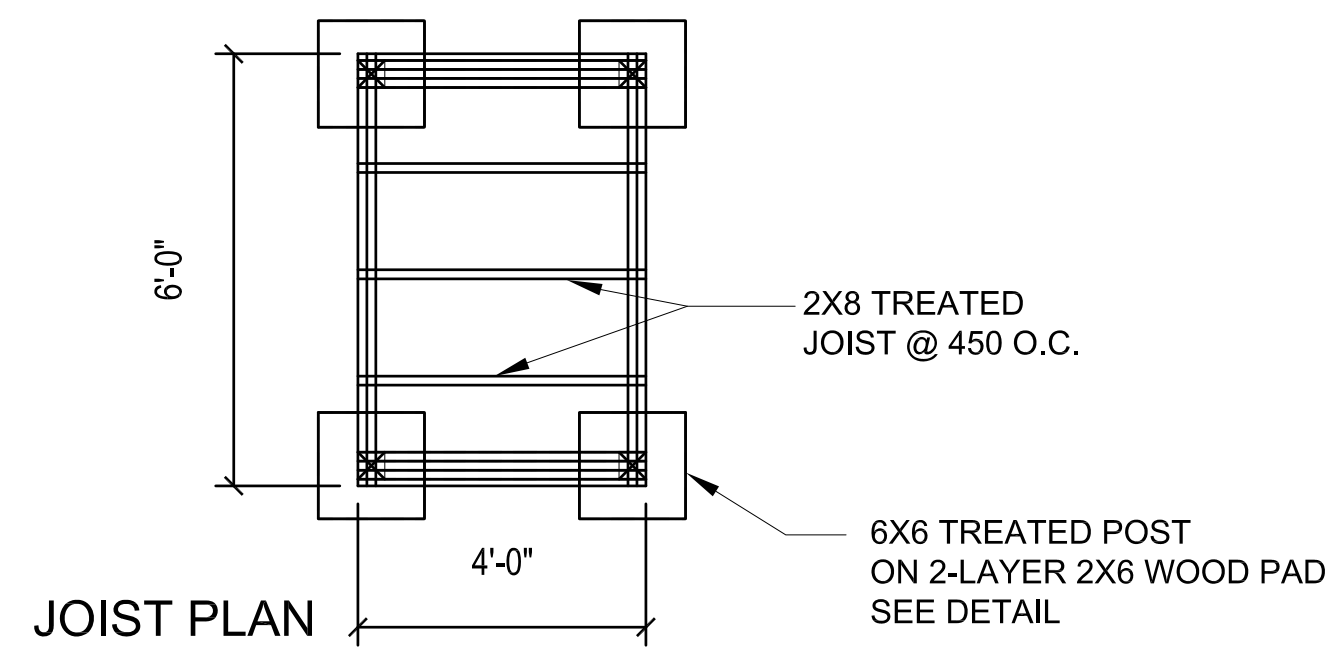
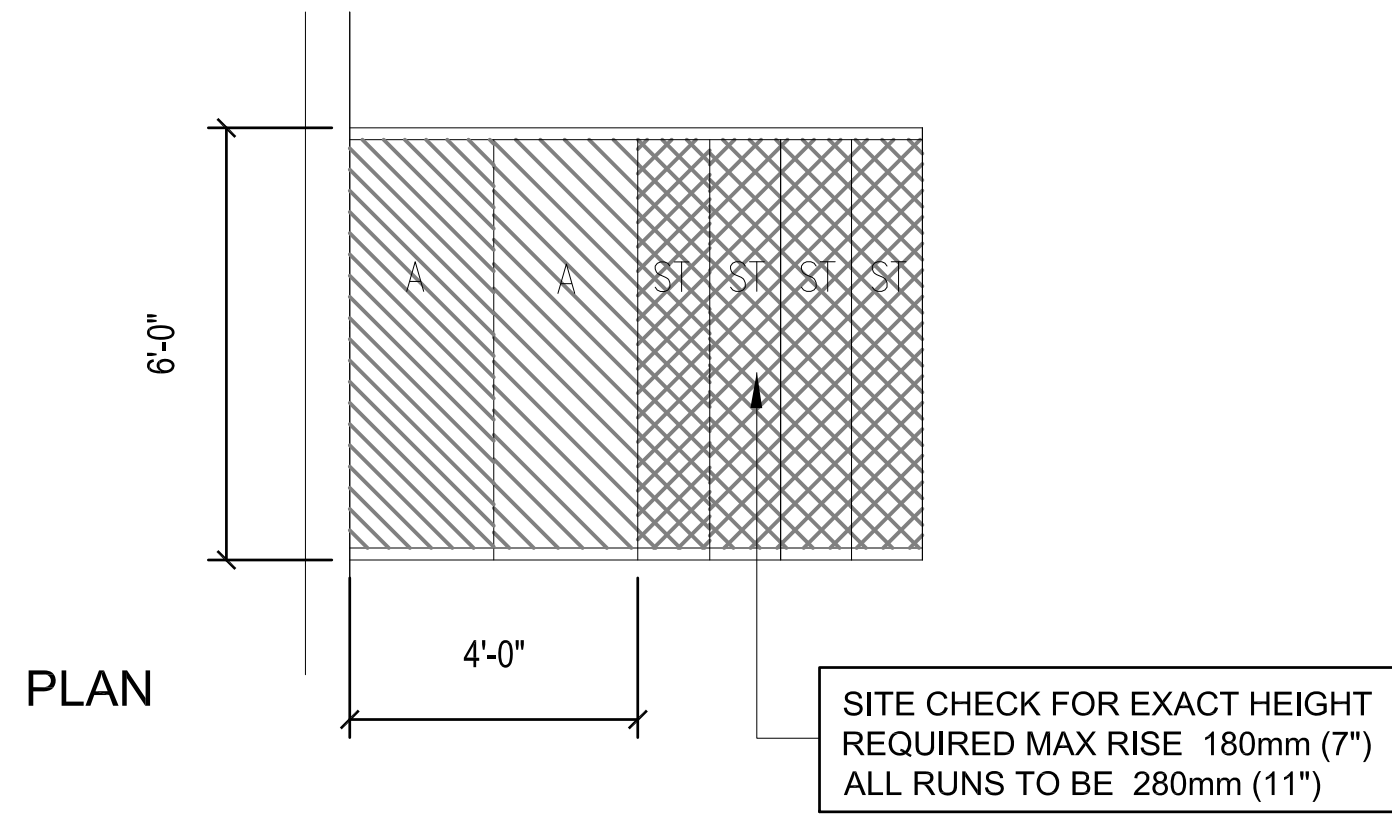
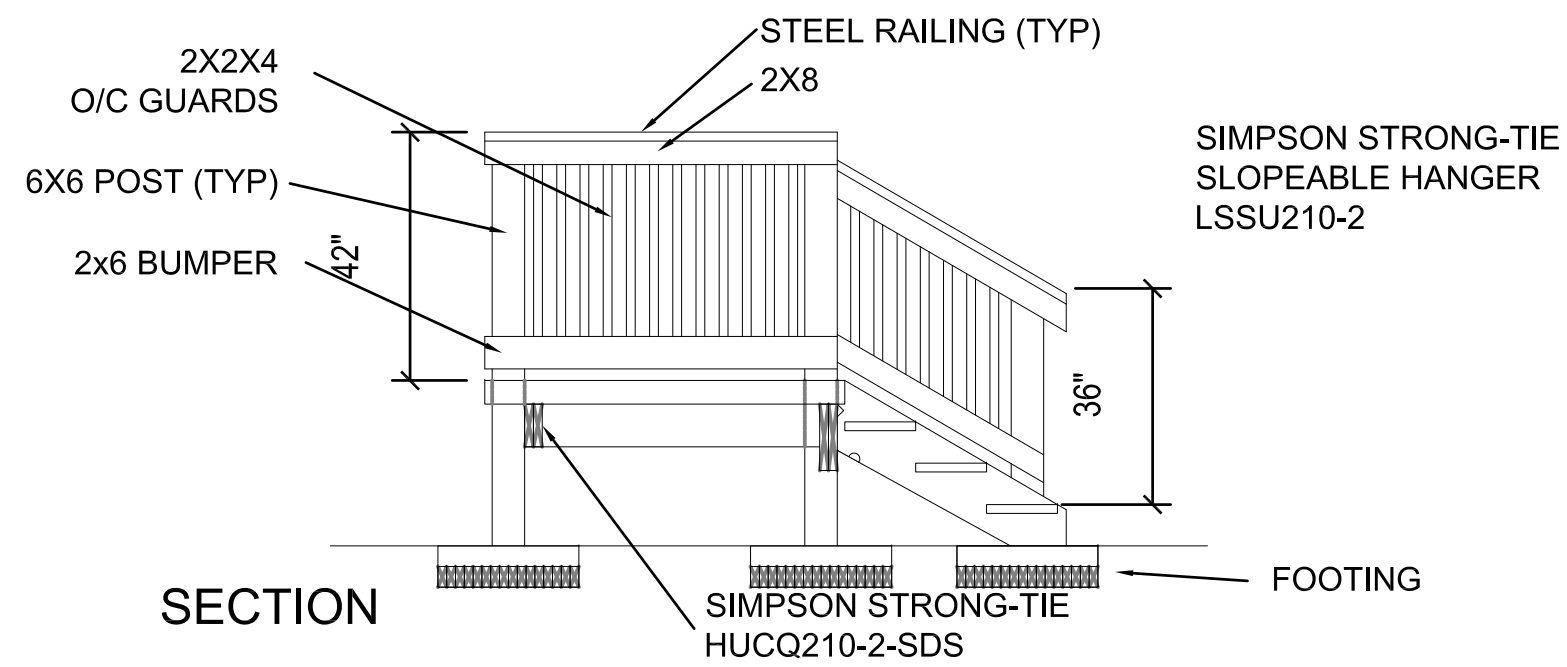
1. 6 MIL POLY RETURNED INTO ROUGH WINDOW OPENING AND SEALED TO WOOD FRAMING
2. AIR BARRIER RETURNED INTO ROUGH WINDOW OPENING AND SEALED TO WOOD FRAMING
3. SPRAY FOAM INSULATION INTO SPACES BETWEEN WINDOW AND ROUGH OPENING
4. PROVIDE PRE FINISHED POST FORMED GALVANIZED STEEL FLASHING FULL WIDTH OF WINDOW AT TOP OF WINDOW
5. BEDROOM WINDOWS MUST MEET NBC EGRESS REQUIREMENTS AS PER 9.7.1.3.2
6. INSTALL NEW WINDOW AND DOOR CASING TO ALL UNITS BEING REPLACED.



1 WINDOW HEAD DETAIL
 A4.0 SCALE: N.T.S.



2 WINDOW SILL DETAIL
 A4.0 SCALE: N.T.S.



1 PLATFORM DETAIL
A4.1 SCALE: 3/8"=1'-0"

TYPICAL DECK & RAMP CONSTRUCTION
 38mm FISHER AND LUDLOW GRIP SPAN STEEL DECKING, 12 GAUGE, PRE-GALVANIZED SIZES ON SHEET A2.1
 2X8 PWF JOISTS @ 16" O/C
 INSTALL SOLID BLOCKING MIDSPAN @ MAX. 6'-0" O/C BETWEEN JOISTS
 2X10 PWF FACER ALL SIDES 2" ABOVE JOISTS

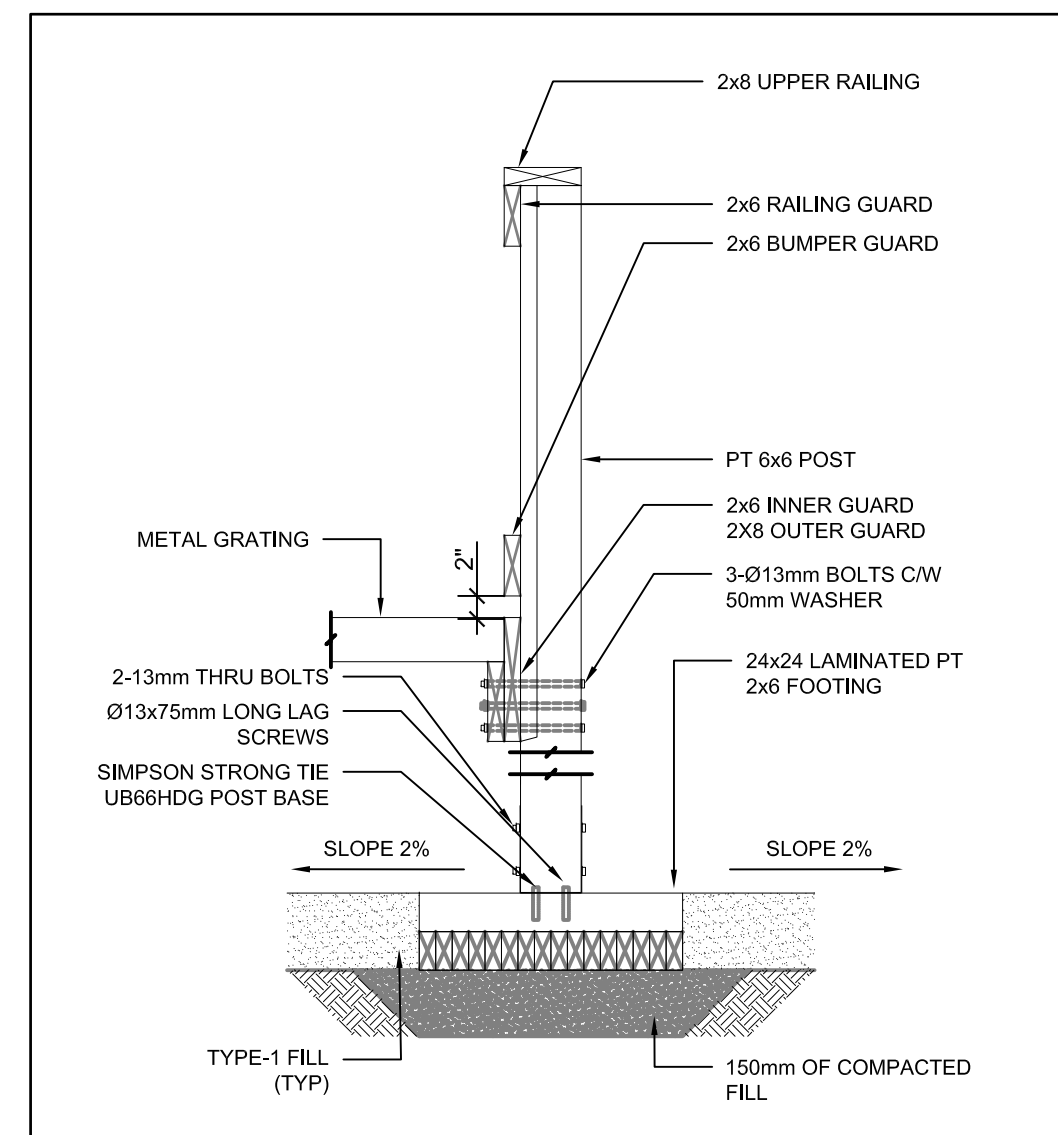
NOTE: EXTERIOR STAIR DETAIL IS BASED ON ELEVATIONS NOTED ON BUILDING SECTION. IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO ENSURE THAT ENOUGH MATERIAL IS PROVIDED TO CONSTRUCT STAIRS IN ACCORDANCE WITH FINISHED GRADE ON SITE

NOTE:
 1. ALL WOOD MATERIALS TO BE PWF
 2. ALL HARDWARE TO BE GALVANIZED
 3. ALL DIMENSIONS ARE TO BE SITE MEASURED AND ADJUSTED.



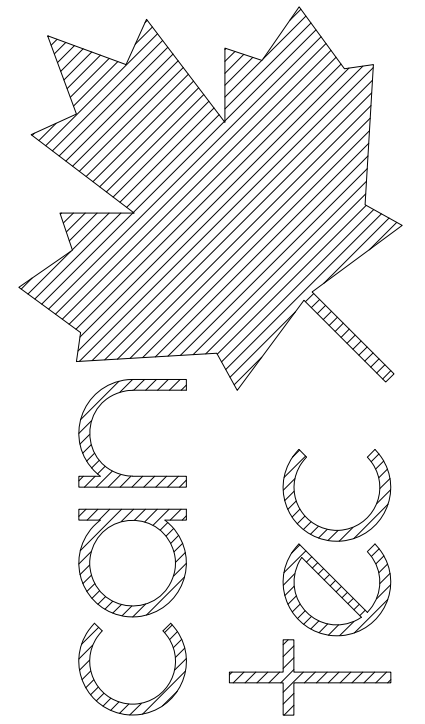
2 PHOTO 1 - PLATFORM - MECHANICAL ROOM
A4.1 SCALE: N.T.S.

REMOVE AND REPLACE EXISTING PLATFORM



3 TYPICAL POST DETAIL
A4.1 SCALE: 3/4"=1'-0"

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 PROJECT TITLE: INTERIOR/EXTERIOR RENOVATIONS - HOUSE 399
 SHEET TITLE: NEW EXTERIOR STAIRS FOR MECHANICAL ROOM
 DATE (YY MM DD): 17 07 18
 SCALE: AS NOTED
 CHECKED BY: RS
 DRAWN BY: RQS
 LOCATION: HOUSE V399(BLUE) RESOLUTE BAY, NUNAVUT




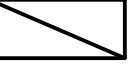

CONSTRUCTION
A4.1
 REVISION #: 00
 JOB NO. 17-001-01-10

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ELECTRICAL LEGEND

-  NEW CEILING MOUNT FIXTURE (LED)
-  NEW WALL MOUNT FIXTURE (LED)
-  NEW SMOKE DETECTOR
-  NEW 4' x 2' LED FIXTURE
-  NEW TRACK LIGHTING FIXTURE (LED)

ELECTRICAL NOTES:

1. CONTRACTOR TO ENGAGE LIGHTING DESIGNER TO DESIGN ALL LIGHTING THROUGHOUT THE HOUSE. CONTRACTOR TO SUPPLY SHOP DRAWINGS FOR PROPOSED LIGHTING OF HOUSE FOR REVIEW TO CONSULTANT.
2. LIGHT FIXTURES TO BE PAID FOR OUT OF CASH ALLOWANCES
3. LOCATIONS OF FIXTURES ARE APPROXIMATE ONLY
4. ALL NEW FIXTURES ARE TO BE LED
5. ALL LIGHT FIXTURES ARE TO BE REPLACED THROUGHOUT HOUSE. (ALL MAY NOT BE SHOWN. CONTRACTOR IS TO SHIP 2 EXTRA FIXTURES TO COUNTER THIS RISK)



1 ELECTRICAL PLAN
 E1.0 SCALE: 1/4"=1'-0"

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INTERIOR/EXTERIOR RENOVATIONS - HOUSE 399

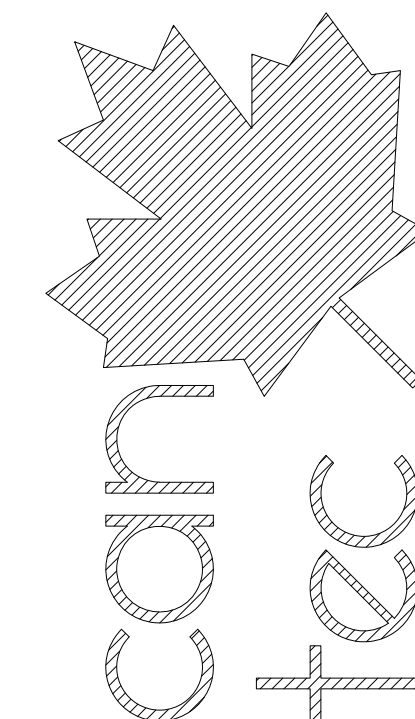
CONSTRUCTION

E1.0

REVISION #: 00

JOB NO. 17-001-01-10

REVISION: 00 ISSUED FOR CONSTRUCTION 17 07 18
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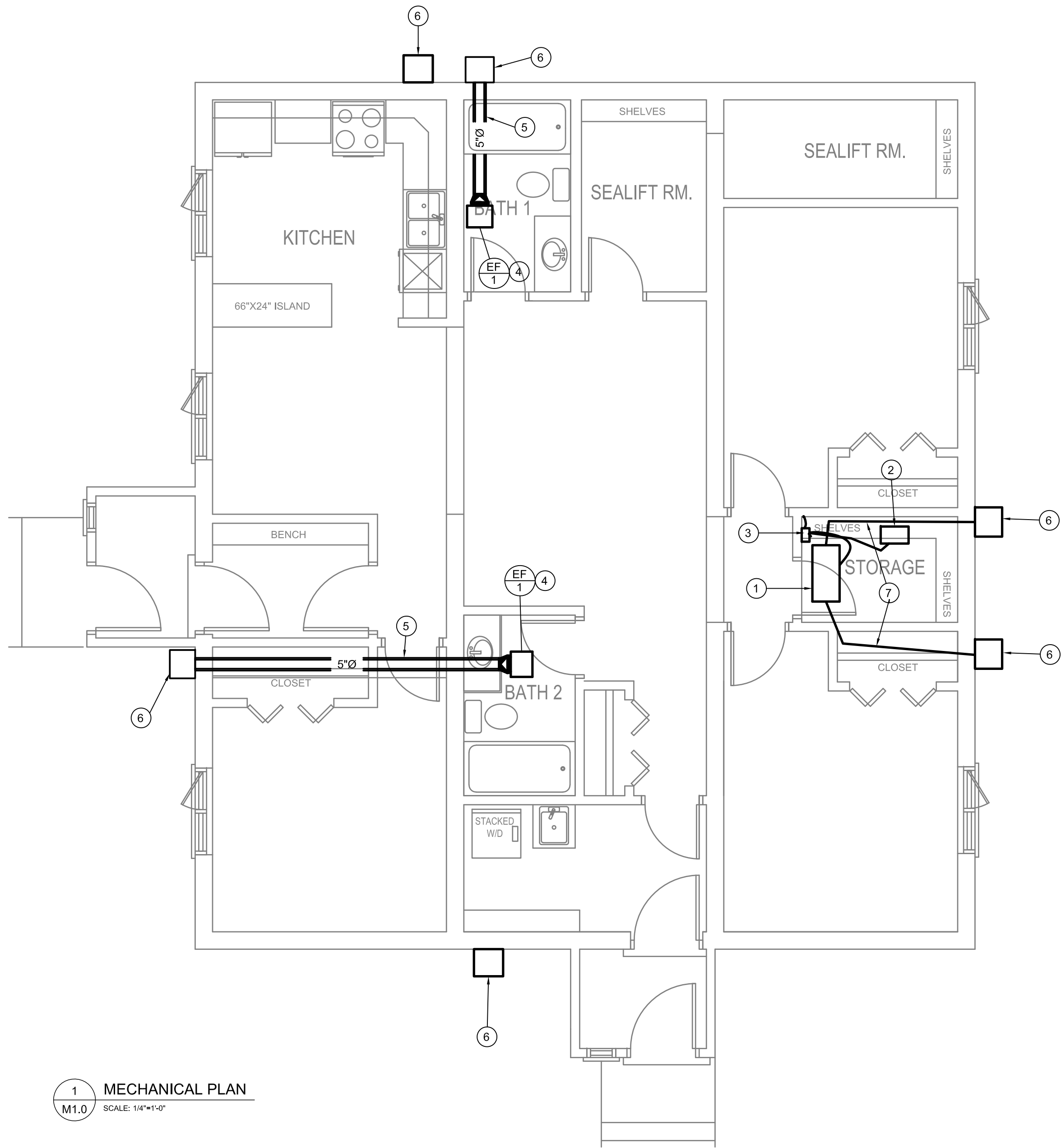


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ELECTRICAL PLAN

PROJECT TITLE: INTERIOR/EXTERIOR RENOVATIONS - HOUSE 399
 SHEET TITLE: ELECTRICAL PLAN
 DATE (YY MM DD): 17 07 18
 SCALE: AS NOTED
 CHECKED BY: RS
 DRAWN BY: RQS

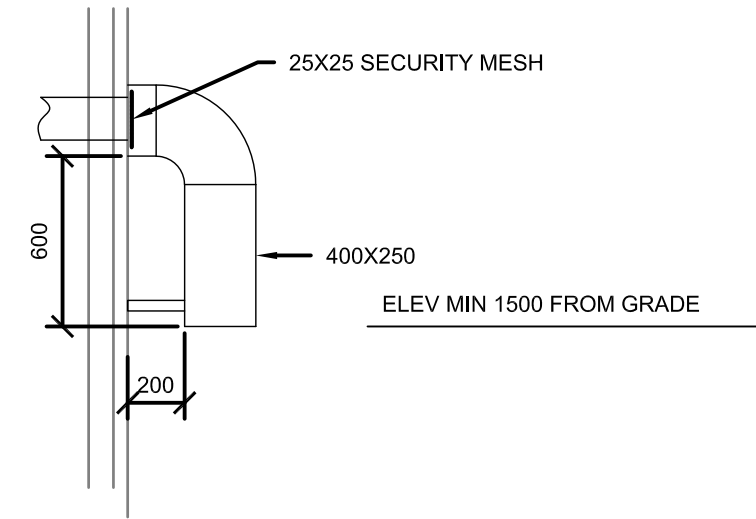
LOCATION: HOUSE V399(BLUE) RESOLUTE BAY, NUNAVUT



1 MECHANICAL PLAN
M1.0 SCALE: 1/4"=1'-0"

DRAWING NOTES: #

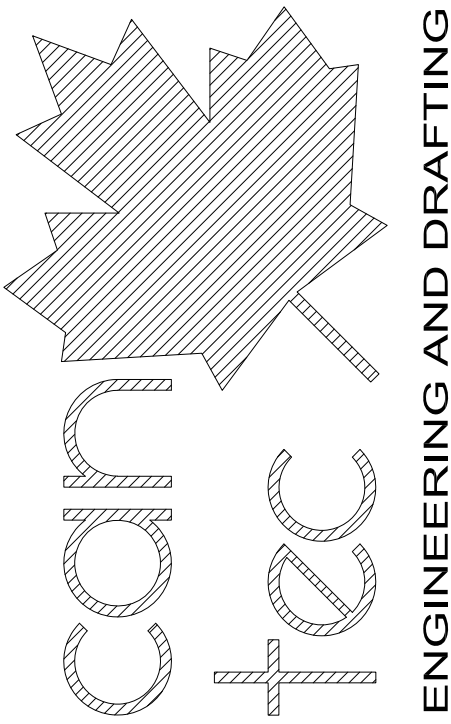
1. EXISTING HRV
2. EXISTING HUMIDIFIER
3. NEW LITTLE GIANT CONDENSATE PUMP. CONNECT TO EXISTING HRV AND HUMIDIFIER DRAIN. DISCHARGE TO EXISTING 3/4" TUBING.
4. NEW EXHAUST FAN. INSTALL IN NEW BULKHEAD WIRE TO LIGHT SWITCH.
5. NEW DUCT WORK TO EXTERIOR WALL. INSTALL IN BULKHEAD
6. NEW EXTERIOR EXHAUST HOOD SEE DETAIL 2 SHEET M1.0
7. INSULATE ALL HRV AND HUMIDIFIER DUCTWORK THAT IS ACCESSIBLE IN STORAGE ROOM. (SUPPLY AND EXHAUST)



2 TYPICAL AIR INTAKE/EXHAUST DETAIL
M1.0 SCALE: NTS

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INTERIOR/EXTERIOR RENOVATIONS - HOUSE 399

MECHANICAL PLAN

PROJECT TITLE
SHEET TITLE
DATE (YY MM DD) 17 07 18
SCALE AS NOTED
DRAWN BY RQS
CHECKED BY RS

LOCATION
HOUSE V399(BLUE) RESOLUTE BAY, NUNAVUT

CONSTRUCTION

M1.0

REVISION #: 00

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MECHANICAL GENERAL SPECIFICATION

- MECHANICAL CONTRACTOR SHALL EMPLOY ONLY CERTIFIED JOURNEYMEN NORMALLY ENGAGED IN THE SHEET METAL AND STEAM FITTING TRADES TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AND/OR OWNER OR HIS REPRESENTATIVE.
- PROVIDE A WRITTEN ONE YEAR WARRANTY ON ALL WORK DONE UNDER THIS CONTRACT FROM DATE OF ACCEPTANCE.
- THE MANITOBA BUILDING/PLUMBING CODE 2010 SHALL GOVERN THIS PROJECT MECHANICALLY.
- ALL CHANGES AND ALTERATIONS REQUIRED BY THE AUTHORIZED INSPECTOR OF THE AUTHORITIES HAVING JURISDICTION SHALL BE CARRIED OUT WITHOUT CHARGE OR EXPENSES TO THE OWNER.
- EACH CONTRACTOR SHALL COORDINATE THE WORK WITH OTHER CONTRACTORS IN ORDER TO AVOID CONFLICTS.
- CONTRACTOR SHALL VERIFY EXACT LOCATIONS, SIZES, INVERTS, ETC PRIOR TO TENDER CLOSE AND COMMENCEMENT OF WORK.
- COORDINATE THE EXACT LOCATION OF THE GRILLES AND DIFFUSERS ON SITE WITH THE ELECTRICAL CONTRACTOR, GENERAL CONTRACTOR, ARCHITECTURAL REFLECTED CEILING PLAN, LIGHTING LAYOUT, ETC. TO ENSURE THAT THERE ARE NO CONFLICTS DURING INSTALLATION.
- AT THE COMPLETION OF THE INSTALLATION, PROVIDE TWO MARKED UP COPIES OF THE TENDER DRAWINGS FOR RECORD PURPOSES.
- ALL PIPING, DUCTWORK, AND EQUIPMENT SHALL BE SECURELY SUPPORTED FROM THE BUILDING STRUCTURE TO ACCEPTABLE BUILDING DESIGN STANDARDS. PERFORATED STRAP HANGERS WILL NOT BE PERMITTED. ALL PIPE HANGERS SHALL BE OVERSIZED WITH BOTTOM SADDLE WHERE EXTERIOR PIPE INSULATION IS USED.
- PERMANENT SYSTEMS AND/OR EQUIPMENT SHALL NOT BE USED DURING THE CONSTRUCTION PERIOD WITHOUT WRITTEN PERMISSION FROM THE OWNER.
- PROVIDE INSTRUCTIONS TO OWNER ON ALL SYSTEMS AND ASSOCIATED EQUIPMENT.
- TESTING OF ALL SAFETY DEVICES SHALL BE CARRIED OUT BY THE MECHANICAL CONTRACTOR AND WITNESSED BY THE OWNER'S REPRESENTATIVE, SIGNED OFF AND FORWARDED TO THE O/M MANUAL.
- MEET SAFETY REQUIREMENTS OF PROVINCIAL DEPARTMENT OF LABOUR AND LOCAL AUTHORITIES HAVING JURISDICTION.
- A WRITTEN GUARANTEE COVERING ALL MATERIALS AND WORKMANSHIP FOR ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE OF THE ENTIRE CONTRACT, SHALL BE SUPPLIED BY THE CONTRACTOR. THIS GUARANTEE WILL NOT CANCEL LONGER WARRANTIES.
- UPON COMPLETION OF THE WORK, THE ENTIRE JOB SITE SHALL BE CLEARED UP AND LEFT IN GOOD OPERATING CONDITION. THOROUGHLY CLEAN PIPING, DUCTWORK, AND EQUIPMENT OF DIRT, CUTTINGS AND OTHER FOREIGN SUBSTANCES.
- ALL CUTTING AND PATCHING AND RELATED CONSTRUCTION WORK ARE TO BE PERFORMED BY THE GENERAL CONTRACTOR UPON INSTRUCTION FROM THE MECHANICAL CONTRACTOR.
- ALL GALVANIZED DUCTWORK IS TO BE MANUFACTURED IN ACCORDANCE WITH CURRENT S.M.A.C.N.A. SPECIFICATIONS. ALL DUCTWORK IS TO BE SEALED WITH HIGH VELOCITY BRUSHED ON DUCT SEALANT.
- ALL GALVANIZED DUCTWORK IS TO BE MANUFACTURED IN ACCORDANCE WITH CURRENT S.M.A.C.N.A. SPECIFICATIONS. ALL DUCTWORK IS TO BE SEALED WITH HIGH VELOCITY BRUSHED ON DUCT SEALANT.
- PERMITS: CONTRACTOR IS RESPONSIBLE FOR GIVING ALL NECESSARY NOTICES, OBTAINING ALL NECESSARY PERMITS AND PAYING ALL APPLICABLE FEES.
- ASSUME FULL RESPONSIBILITY FOR LAYING OUT ALL WORK AND ENSURE THAT NO DAMAGE IS CAUSED TO THE OWNERS EQUIPMENT AND PREMISES. PROTECT AND MAINTAIN ALL WORK UNTIL WORK HAS BEEN COMPLETED AND ACCEPTED BY THE OWNER AND ENGINEER.
- ALL WIRING AND THE SUPPLY AND INSTALLATION OF STARTERS AND/OR DISCONNECT SWITCHES FOR EQUIPMENT SHALL BE BY THE ELECTRICAL CONTRACTOR (DIV 16)
- SUPPLY AND INSTALL ULC FIRE DAMPERS/FIRE STOPS AT ALL FIRE RATED PENETRATIONS.
- ACCESS DOORS REQUIRED TO GAIN ACCESS TO BALANCING DAMPERS AT FIRE-RATED CEILING - SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.
- BALANCING - CONTRACTOR WILL ENGAGE AN INDEPENDENT AIR BALANCING AGENCY.
 - SYSTEM TO BE ADJUSTED TO DATA PROVIDED.
 - BALANCING CONTRACTOR TO CONFIRM OPERATION OF COMPLETE MECHANICAL SYSTEM.
 - PROVIDE REPORT TO ENGINEER. (4 COPIES)

INSULATION:

- PROVIDE 1/2"(12mm) THICK,FOIL-FACED RIGID PRE-FORMED FIBREGLASS EXTERNAL THERMAL PIPE INSULATION ON ALL NEW NATURAL GAS PIPING FOR 10'(3000mm)ON THE WARM SIDE OF A PENETRATION THROUGH A WALL OR CEILING/ROOF TO A COLD SPACE.
- PROVIDE 2"(50mm) THICK, FOIL-FACED RIGID(FIBREGLASS OR FIBREBOARD) OR FLEXIBLE FIBREGLASS EXTERNAL THERMAL INSULATION ON ALL NEW EXHAUST OR RELIEF DUCTWORK FOR 10'-0"(3.0M) ON THE WARM SIDE OF A PENETRATION THROUGH A WALL/FLOOR/CEILING/ROOF TO A COLD SPACE, WHERE A BACKDRAFT DAMPER IS PROVIDED AT THE PENETRATION TO THE COLD SPACE WHERE THE BACKDRAFT DAMPER IS PROVIDED IN THE DUCTWORK, INSULATION SHALL EXTEND FROM THE PENETRATION TO 10'-0"(3.0M) UPSTREAM OF THE BACK DRAFT DAMPER.
- PROVIDE 1"(25mm) THICK, FOIL-FACED EXTERNAL THERMAL INSULATION ON ALL NEW SUPPLY AIR DUCT MAINS, EXCLUDING INDIVIDUAL RUN-OUTS TO DIFFUSERS. INSULATION SHALL BE FLEXIBLE FIBREGLASS, OR RIGID FIBREBOARD.
- PROVED 2"(50mm) THICK, FOIL-FACED RIGID FIBREGLASS OR FIBREBOARD EXTERNAL THERMAL INSULATION ON ALL NEW OUTSIDE AIR INTAKE, MIXED AIR AND COMBUSTION AIR DUCTWORK, ROUND COMBUSTION AIR DUCTWORK MAY BE FLEXIBLE FIBREGLASS.

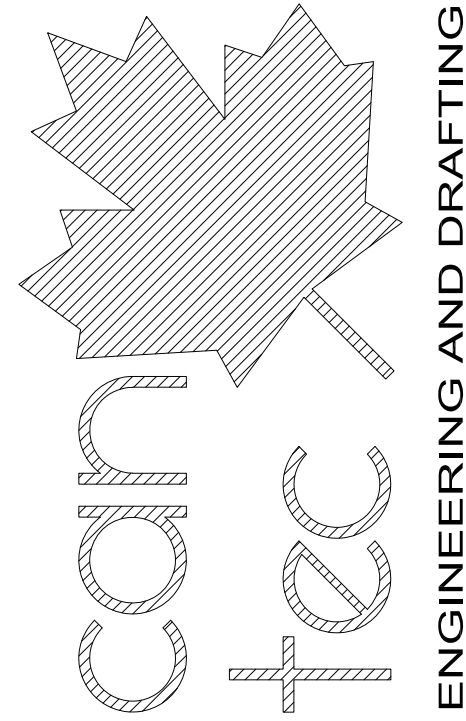
- PROVIDE 3"(75mm) THICK,FOIL-FACED RIGID FIBREGLASS OR FIBREBOARD EXTERNAL THERMAL INSULATION ON ALL NEW DUCTWORK LOCATED OUTDOORS. PROVIDE WEATHERPROOFING EQUAL TO:
 - PROVIDE DIMPLE FINISH .016 ALUMINUM JACKET OR GALVANIZED SHEET.
- PROVIDE 1"(25mm) THICK, BLACK CELLULAR FOAM RUBBER INSULATION ON ALL REFRIGERATION PIPING, INSTALL USING PLASTIC WIRE TIES.
- ALL JOINTS AND ELBOWS SHALL BE COMPLETELY INSULATED EXCEPT JOINTS AND ELBOWS MAY BE LEFT UNCOVERED ON HOT PIPING IN CONCEALED SPACES.
- ALL VALVES AND UNIONS SHALL BE COMPLETELY INSULATED, EXCEPT VALVES AND UNIONS MAY BE LEFT UNCOVERED ON HOT PIPING IN CONCEALED SPACES.
- SEAMS OF FOIL-FACED THERMAL INSULATION SHALL BE SEALED WITH ALUMINUM DUCT TAPE.
- COVER BUTT JOINTS WITH A STRIP OF THE SAME MATERIAL AS THE JACKET.
- FLEXIBLE INSULATION SHALL BE INSTALLED IN A MANNER THAT DOES NOT REDUCE ITS THICKNESS.

DUCTWORK

- ALL DUCT DIMENSIONS DENOTE INTERNAL "FREE" AREA OF THE DUCT.
- SHEET METAL DUCTWORK, HANGERS, FITTINGS, AND COMPONENTS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH "SMACNA" HVAC DUCT CONSTRUCTION STANDARDS LATEST EDITION AND "ASHRAE" EQUIPMENT GUIDE.
- ALL DUCTWORK SHALL BE INSTALLED ACCORDING TO SMACNA STATIC PRESSURE CLASS + 500 PA STANDARDS.
- ALL 90 DEGREE SQUARE TURN ELBOWS (WHICH HAVE NO CHANGE IN DIMENSIONS THROUGH TURN) SHALL HAVE DOUBLE THICKNESS TURNING VANES.
- ROUND DUCT ELBOWS SHALL HAVE A RADIUS DIMENSION 1.5 TIMES THE WIDTH OF THE DUCT (IN THE PLANE OF THE TURN) TO THE CENTERLINE OF THE DUCT.
- ALL EXHAUST AIR DUCTWORK SHALL BE INSULATED WITH 2" THICK FOIL FACED FIBERGLASS DUCT INSULATION FROM THE EXTERIOR WALL OR ROOF SURFACE TO A DISTANCE OF 6'-0" (MIN.) INTO THE BUILDING SPACE, EXCEPT AS INDICATED.
- MECHANICAL CONTRACTOR SHALL INSTALL 4" (MIN.) FLEXIBLE CONNECTORS ON INLET AND DISCHARGE DUCTWORK OF EQUIPMENT.
- ALL SUPPLY AIR DUCTWORK SHALL BE INTERIOR INSULATED WITH 1" ACOUSTIC INSULATION FOR THE FIRST 10' FROM THE FAN DISCHARGE, UNLESS INDICATED OTHERWISE. PROVIDE INTERIOR ACOUSTIC INSULATION FOR RETURN AIR DUCT FROM RETURN AIR GRILLE TO MIXING BOX.
- PROVIDE BALANCING DAMPERS AS SHOWN AND AS REQUIRED TO ALLOW PROPER BALANCING OF THE SYSTEM. BALANCING DAMPERS SHALL BE PROVIDED FOR EACH SUPPLY AIR OUTLET AND RETURN/EXHAUST AIR INLET. DAMPERS MOUNTED AT GRILLES SHALL BE MULTI-BLADE TYPE. BUTTERFLY DAMPERS IN DUCTWORK SHALL BE CONSTRUCTED OF SHEET METAL TWO GAUGES HEAVIER THAN THE DUCTWORK. DUCT DAMPERS SHALL HAVE LOCKING QUADRANTS AND POSITION INDICATORS.
- JOINT SEALS
SEAL JOINTS BETWEEN DUCTS, FITTINGS, ETC., WITH DURO-DYNE S-2 DUCT SEALER AND DURO-DYNE FIBERGLASS DUCT TAPE. APPLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- FITTINGS
MANUFACTURED BY UNITED, 90 DEGREE ELBOWS TO BE 5 PIECE MITRED, 8" DIA. OR LESS, 90 DEGREE ELBOWS CAN BE 1 PIECE MOLDED TYPE. USE CONICAL CONNECTIONS THROUGHOUT INSTALLATION.
- FIRE DAMPERS
ULC LISTED BLADE POCKETS OUT OF AIR STREAM, "FIRE BARRIER" OR EQUAL. CEILING FIRE DAMPERS SHALL BE 'CONTROLLED AIR' MODEL CFSR-1 c/w CK2000 THERMAL BLANKET, ULC LISTED. ALL FIRE DAMPERS TO BE DYNAMIC TYPE
- ACCESS DOORS
PROVIDE ACCESS DOORS AS REQUIRED TO ACCESS AND MAINTAIN ALL VENTILATION EQUIPMENT, INCLUDING COILS, MOTORIZED DAMPERS, AND FIRE DAMPERS.
- PIPING
REFRIGERANT PIPING TO BE INSULATED WITH 1/4" FLEXIBLE PIPE INSULATION AND WEATHER COATING WHERE REQUIRED.
- ALL PENETRATIONS IN FIRE RATED SURFACES ARE TO BE SEALED WITH ELECTROVERT CLK CAULKING MATERIAL OR APPROVED EQUAL.
- SUPPLY 4 SPARE FUSES AND LAMPS FOR ALL CONTROL PANELS.
- SUPPLY LAMACOID NAME TAGS FOR ALL AIR HANDLING EQUIPMENT, THERMOSTATS, MOTORIZED DAMPERS AND PUMPS.
- SUBMIT FOR ENGINEERS APPROVAL SHOP DRAWINGS OF ALL EQUIPMENT.
- SUPPLY O&M MANUALS FOR EQUIPMENT SUPPLIED AND INSTALLED.
- COMPLETE TRAINING TO BE SUPPLIED ON ALL THE EQUIPMENT SUPPLIED AND INSTALLED.

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MECHANICAL SPECIFICATIONS

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RS

DRAWN BY
RQS

SCALE
AS NOTED

DATE (YY MM DD)
17 07 18

LOCATION
HOUSE V399(BLUE)/RESOLUTE BAY, NUNAVUT

ENGINEERING AND DRAFTING
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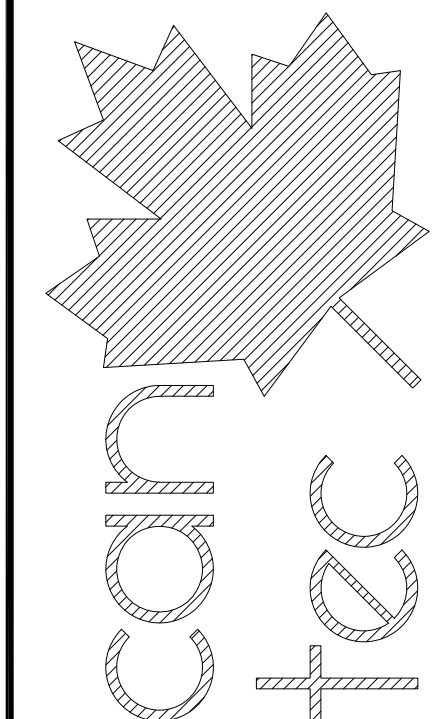
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INTERIOR / EXTERIOR RENOVATIONS HOUSE V397 (RED) RESOLUTE BAY, NUNAVUT CONSTRUCTION

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CONSTRUCTION

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REVISION #: 00

JOB NO. 17-001-01-10

17-001-01-10

DRAWING LIST

DRAWING LIST	
A0.0	TITLE PAGE
A1.0	DEMOLITION PLAN
A1.1	ELEVATIONS
A1.2	EXISTING WINDOW SECTION DETAILS
A1.3	ROOF PLAN
A2.0	MAIN FLOOR PLAN
A4.0	WINDOW SCHEDULE / SECTION DETAILS
A4.1	NEW EXTERIOR STAIRS FOR MECHANICAL ROOM
M1.0	MECHANICAL PLAN
M1.1	MECHANICAL SPECIFICATIONS
E1.0	ELECTRICAL PLAN

CONSULTANT LIST

PRIME CONSULTANT:



ENGINEERING AND DRAFTING
1948 MAIN STREET, WINNIPEG, MANITOBA

DRAWING SYMBOLS

	NUMBERED NOTE		DETAIL SECTION
	WINDOW NUMBER		DETAIL NUMBER
	WALL / ROOF IDENTIFIER		SHEET SECTION LOCATED
	DOOR NUMBER		ELEVATION IDENTIFIER
			DETAIL NUMBER
			SHEET ELEVATION LOCATED
			DETAIL MARKER (SEE SPECIFICATION BOOK)
	GRID LINES		
	DETAIL MARKER		
	ELEVATION MARKER		
	ROOM NUMBER MARKER		
	DETAIL IDENTIFICATION		
	DETAIL NUMBER		
	CURRENT SHEET		
	PAGE ORIENTATION		

ABBREVIATION LIST

ACOUSTIC	ACST	DRYWALL	DW	LAVATORY	LAV	ROOM	RM
ADHESIVE	ADH	EACH	EA	LAY-IN ACOUSTIC TILE	LAT	ROUGH OPENING	RO
ADJUSTABLE	ADJ	EACH WAY	EW	LEFT HAND	LH	RUBBER	RB
AGGREGATE	AGGR	EAST	E	LEFT HAND REVERSE	LHR	RVT	RESILIENT SHEET FLOORING
AIR VAPOUR BARRIER	AVB	ELECTRICAL	ELEC	LENGTH	LG	SCHEDULE	SCHED
ALTERNATE	ALT	ELEVATION	EL	LIGHT	LT	SCREW	SCR
ALUMINUM	ALUM	ELEVATOR	ELEV	LOUVRE	LVR	SECTION	SECT
APARTMENT	APT	EPOXY	EP	MANUFACTURE	MFG	SELF ADHESIVE	SA
APPROXIMATE	APPROX	EQUAL	EQ	MARK	MK	SHEATHING	SHTG
ARCHITECTURE	ARCH	EQUALLY SPACED	EQ SP	MASONRY OPENING	MO	SHEET	SHT
BEAM	BM	EQUIPMENT	EQUIP	MATERIAL	MAT	SHEET VINYL	SV
BENCH MARK	BM	EXISTING	EXIST	MECHANICAL	MECH	SIMILAR	SIM
BETWEEN	BTWN	EXPANSION	EXP	MINIMUM	MIN	SOLID CORE	SC
BLOCK	BLK	EXTERIOR	EXT	MISCELLANEOUS	MISC	SOUTH	S
BOARD	BD	EXTRUDE	EXTR	NEAR FACE	NF	SPECIFICATION	SPEC
BOTH SIDES	BS	FACE TO FACE	F/F	NEAR SIDE	NS	SPRUCE	SPR
BOTH WAYS	BW	FAR SIDE	FS	NORTH	N	SPRUCE, PINE OR FIR	SP/P/F
BOTTOM	BOT	FIBREBOARD	FBRBD	NOT APPLICABLE	N/A	STAIN	ST
BUILDING	BLDG	FINISH	FIN	NOT IN CONTRACT	NIC	STAINLESS STEEL	SS
CARPET	CPT	FLOOR	FL	NOT TO SCALE	NTS	STANDARD	STD
CAST IRON	CI	FLOOR DRAIN	FD	NUMBER	NO	STEEL	STL
CEILING	CLG	FLOORING	FLG	ON CENTRE	O/C	STRUCTURAL	STRUCT
CEMENT BOARD	CBD	FLUORESCENT	FLR	OUT TO OUT	O/O	SQUARE FEET	SF
CENTRE	CTR	FOOTING	FTG	OUTSIDE DIAMETER	OD	TEMPORARY	TEMP
CENTRE TO CENTRE	C/C	FOUNDATION	FDN	OUTSIDE FACE	OF	THROUGH	THRU
CERAMIC TILE	CT	FULL SIZE	FS	OVERHEAD	OH	TO MATCH EXISTING	TME
CIRCLE	CIRC	GALVANIZED	GALV	PAINT	PT	TONGUE AND GROOVE	T&G
CLEAR	CLR	GALVANIZED IRON	GI	PAINTED	PTD	TOP AND BOTTOM	T&B
COLUMN	COL	GAUGE	GA	PARTITION	PTN	TOP OF	T/O
COMPLETE WITH	C/W	GLASS	GL	PLYWOOD	PLYWD	TYPICAL	TYP
CONCRETE	CONC	HARDWARE	HDW	PRECAST	PC	UNDER SIDE	U/S
CONCRETE BLOCK	CBLK	HEIGHT	HGT	PRECAST CONCRETE	PC CONC	UNDERCUT	UCUT
CONSTRUCTION	CONST	HEXAGON	HEX	PREFABRICATION	PREFAB	URINAL	UR
CONTINUOUS	CONT	HOLLOW CORE	HC	PREFINISHED	PREFIN	VAPOUR BARRIER	VB
CONTROL JOINT	CJ	HOLLOW METAL	HM	PRESSED STEEL	PS	VERTICAL	VERT
COUNTERSINK	CSK	HORIZONTAL	HORIZ	QUANTITY	QTY	VINYL ASBESTOS TILE	VAT
COVERED SHEET VINYL	CSV	INCLUSIVE	INCL	QUARRY TILE	QT	VINYL COVE BASE	VCB
DETAIL	DTL	INSIDE DIAMETER	ID	RADIUS	R	VINYL TILE	VT
DEMOLISH	DEMO	INSIDE FACE	IF	RAINWATER LEADER	REL	VINYL WALL COVERING	VWC
DIAGONAL	DIAG	INSULATE	INSUL	REFERENCE	REF	WATER CLOSET	WC

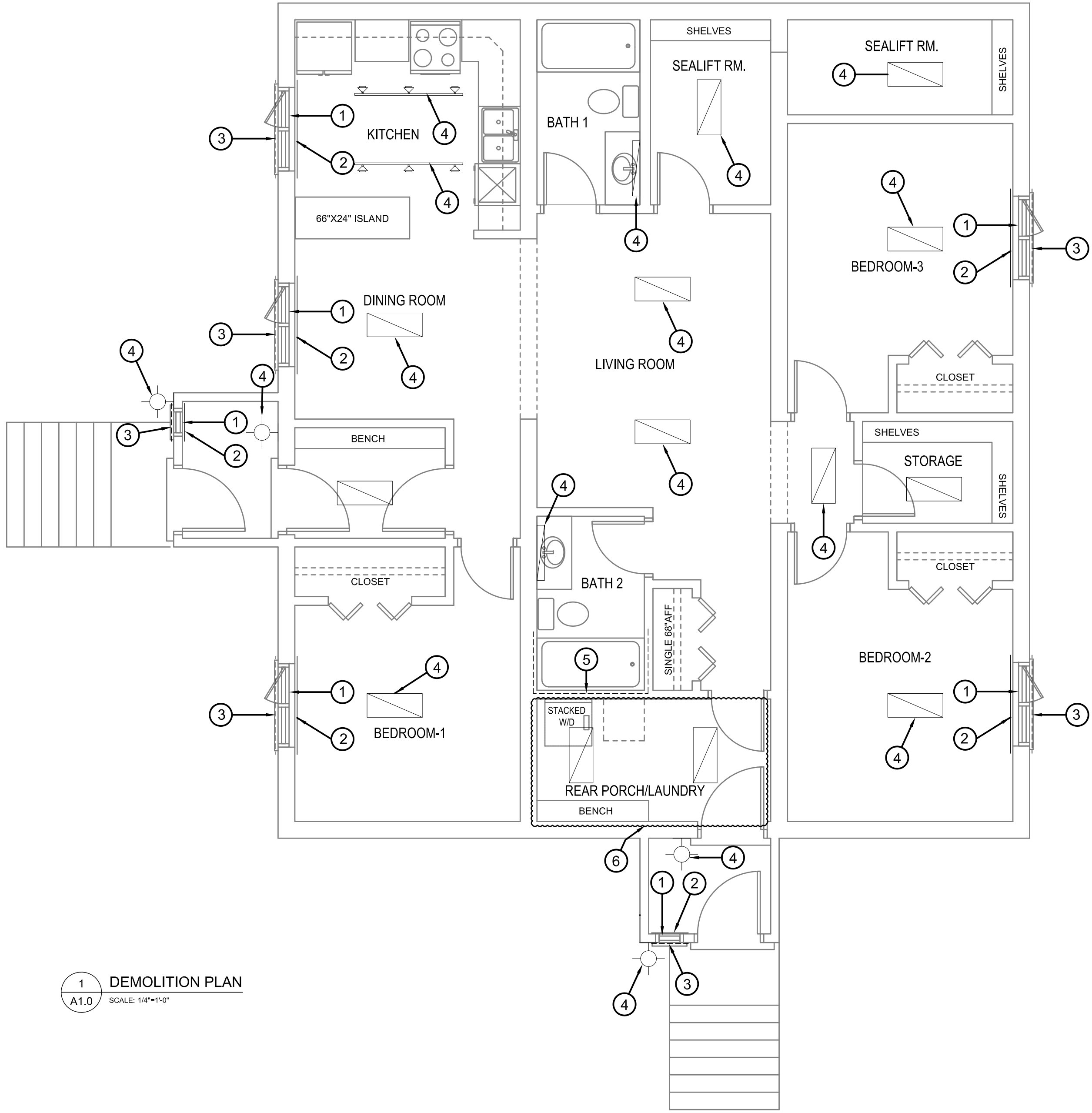
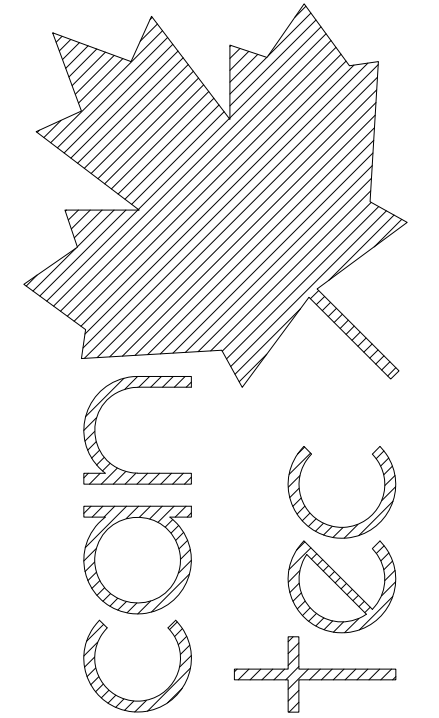
REV. #	ISSUED FOR CONSTRUCTION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR CONSTRUCTION	17 07 18	RS

DEMOLITION NOTES #

1. REMOVE EXISTING WINDOWS
2. REMOVE DAMAGED DRYWALL AND INSULATION AROUND WINDOW APPROXIMATELY 36" - 48" ON EITHER SIDE OF THE WINDOW AND FROM FLOOR TO CEILING AT EACH WINDOW.
3. REMOVE EXISTING SIDING AND CUT BACK AS REQUIRED TO ALLOW NEW WINDOW TO SEAL AGAINST WALL.
4. REMOVE EXISTING LIGHTS
5. REMOVE DAMAGED DRYWALL ABOVE BATH TUB.
6. DRYWALL DAMAGE, PATCH AND MAKE GOOD GWB, PRIME AND PAINTED TO MATCH EXISTING.

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1 DEMOLITION PLAN
 A1.0 SCALE: 1/4"=1'-0"

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INTERIOR/EXTERIOR RENOVATIONS - HOUSE 397

SHEET TITLE
DEMOLITION PLAN

DATE (YY MM DD) 17 07 18
 SCALE AS NOTED
 DRAWN BY RQS
 CHECKED BY RS

LOCATION
 HOUSE V397 (RED) RESOLUTE BAY, NUNAVUT

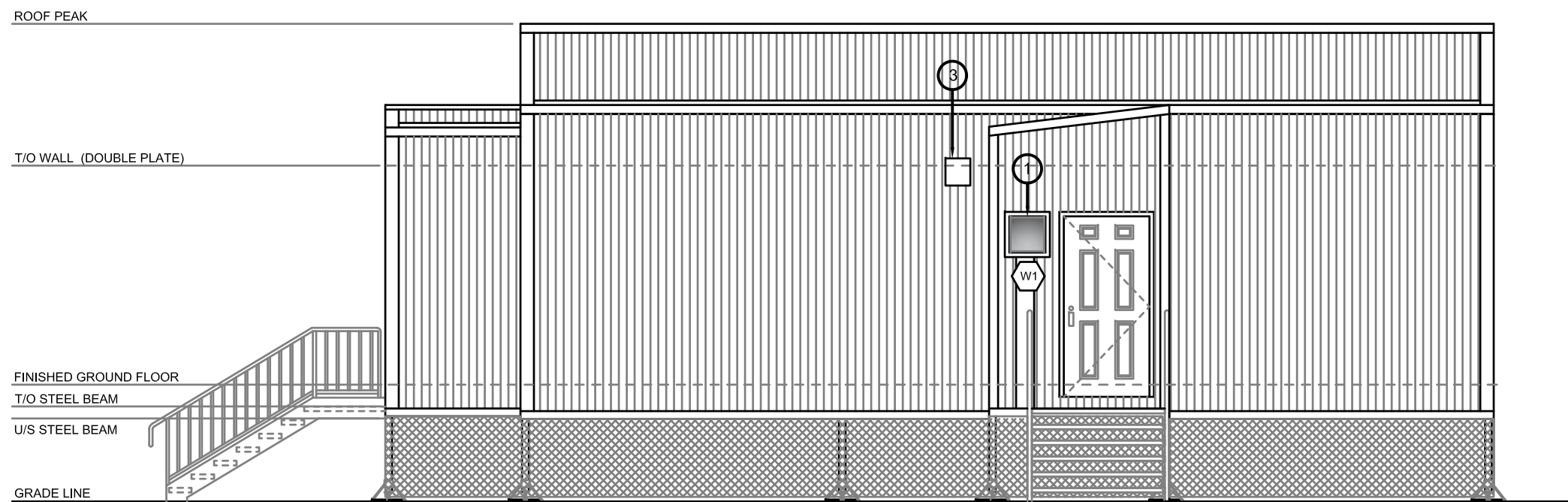
CONSTRUCTION

A1.0

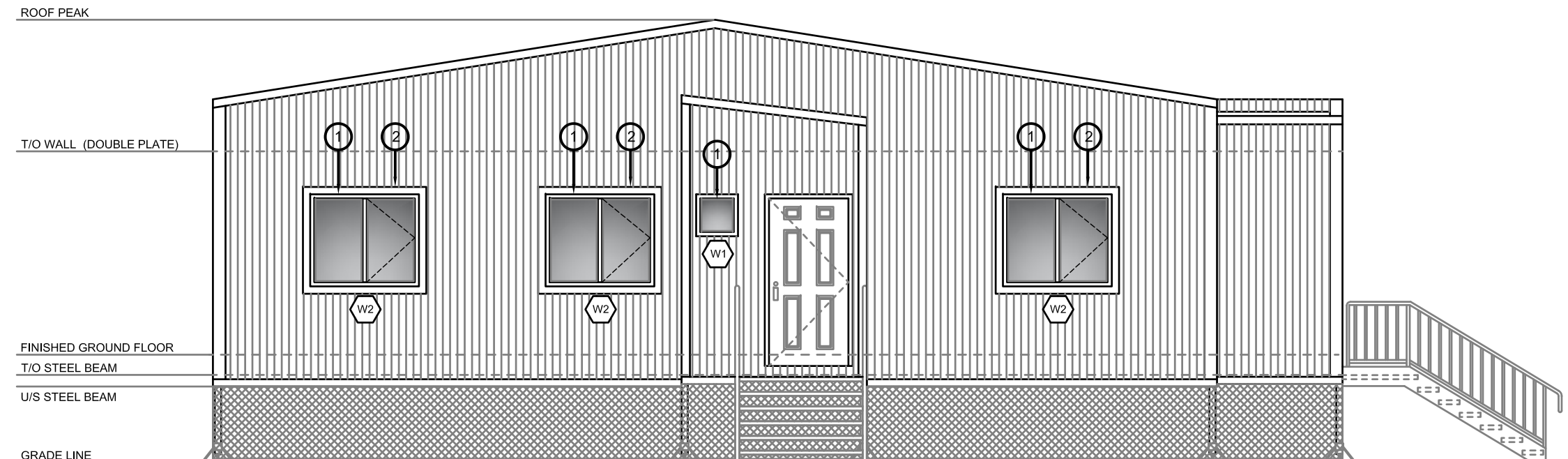
REVISION #: 00
 JOB NO.

17-001-01-10

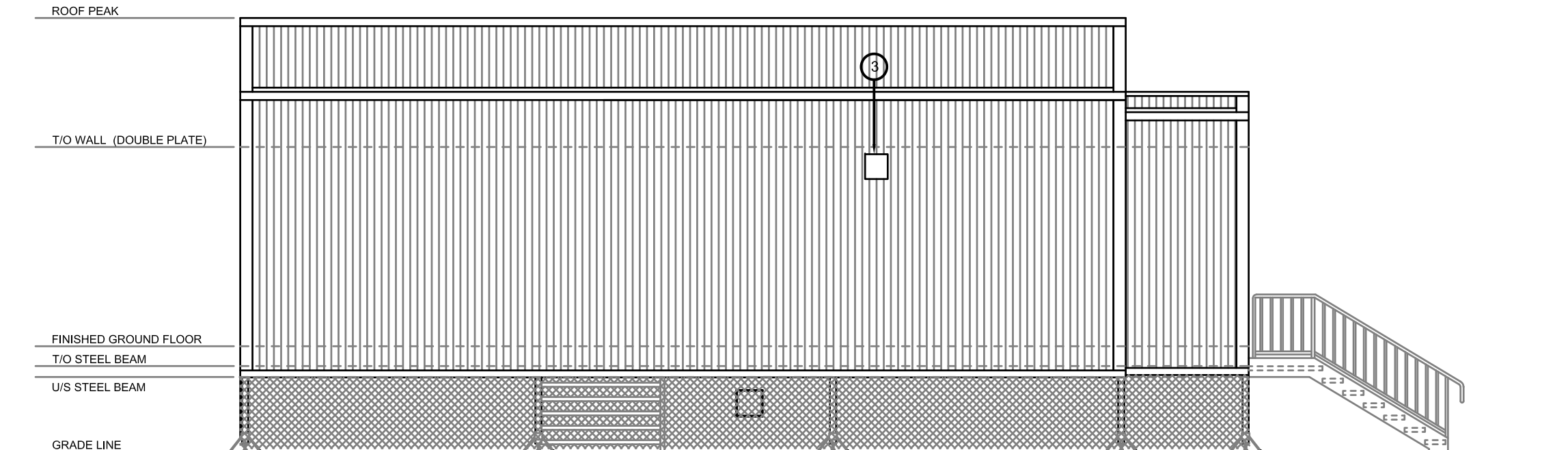
00 ISSUED FOR CONSTRUCTION 17 07 18
 REV. # | REVISION | DATE (YY MM DD) | REV. BY



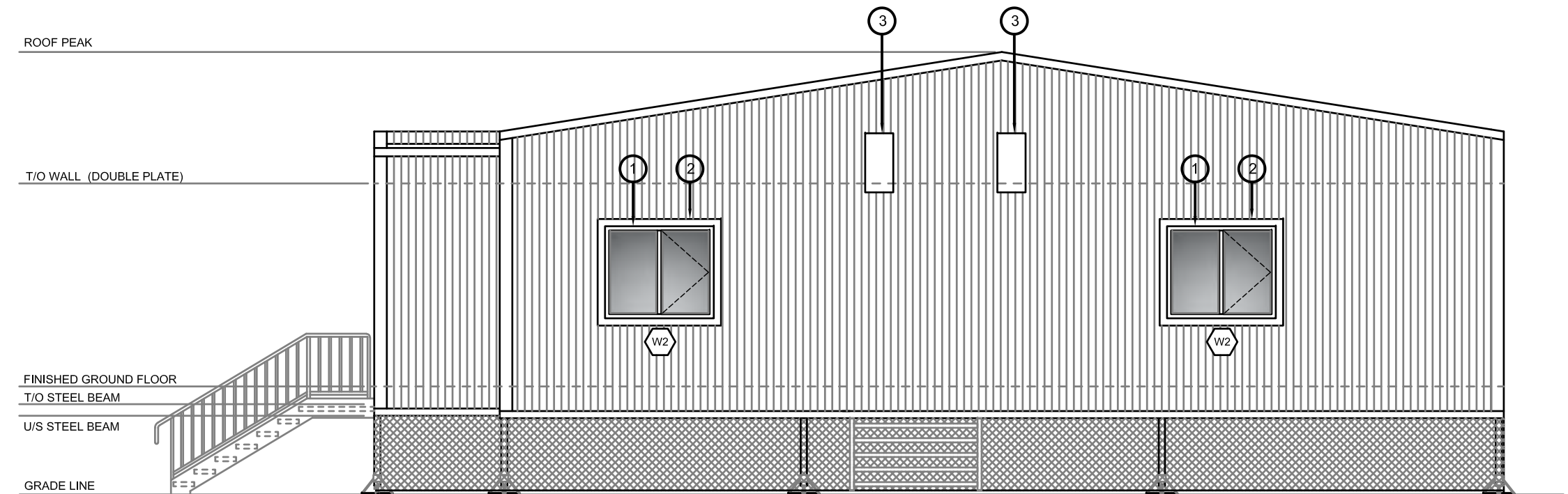
1 FRONT ELEVATION
A1.1 SCALE: 1/4"=1'-0"



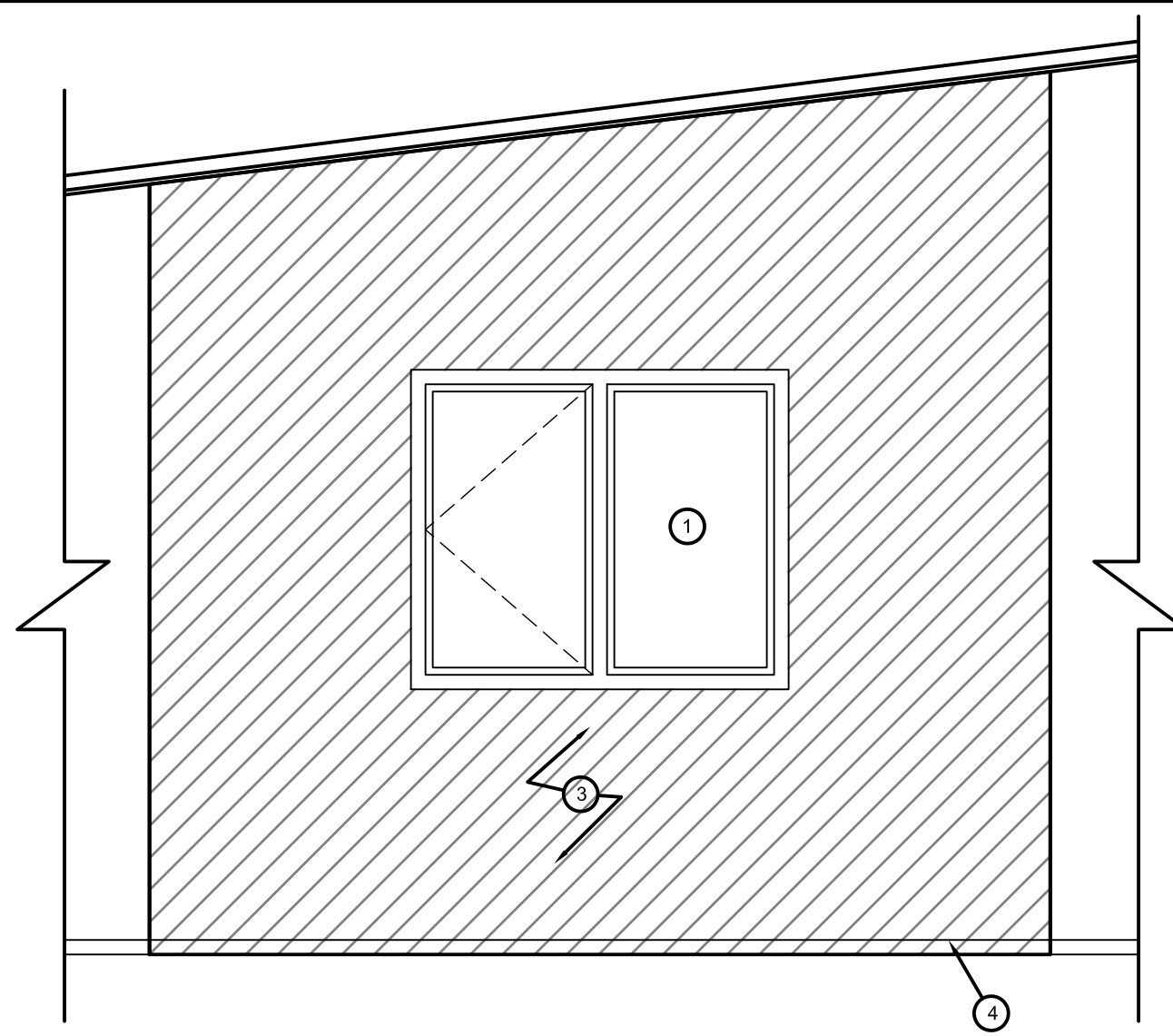
2 LEFT SIDE ELEVATION
A1.1 SCALE: 1/4"=1'-0"



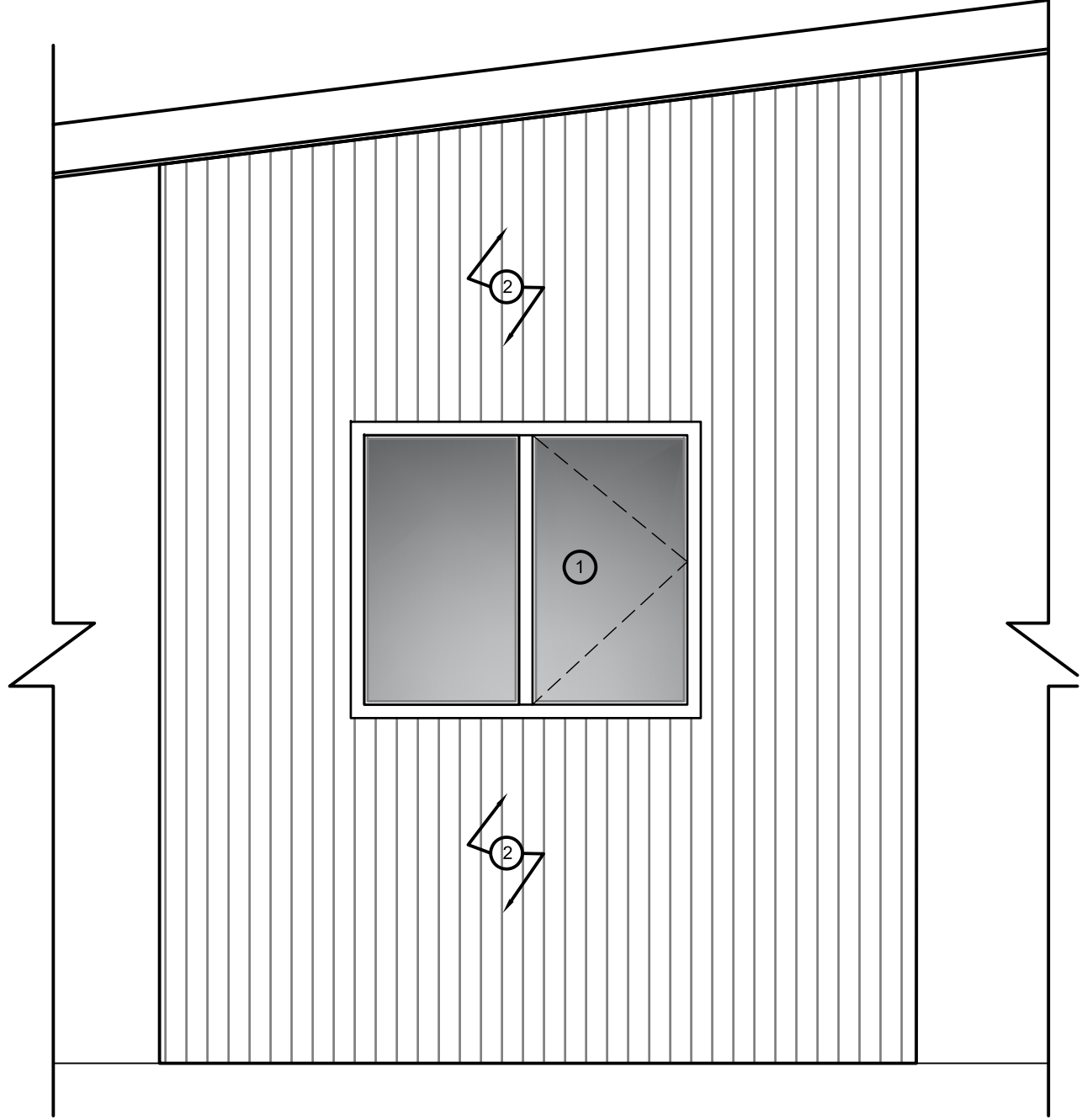
3 REAR ELEVATION
A1.1 SCALE: 1/4"=1'-0"



4 RIGHT SIDE ELEVATION
A1.1 SCALE: 1/4"=1'-0"



5 WINDOW DEMOLITION INTERIOR ELEVATION - TYPICAL
A1.1 SCALE: 1/2"=1'-0"



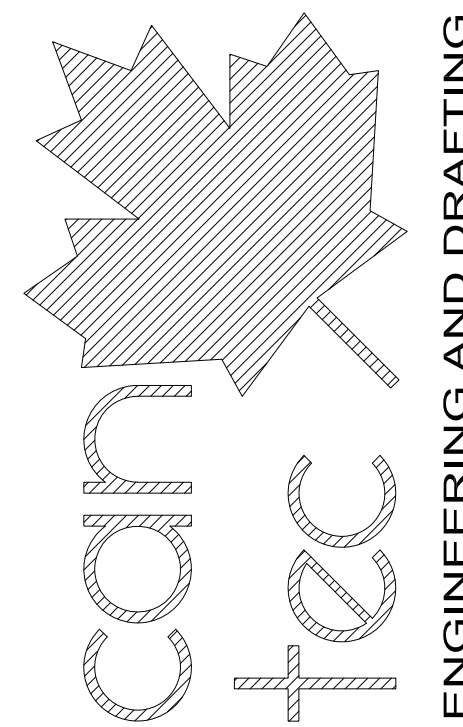
6 WINDOW DEMOLITION EXTERIOR ELEVATION - TYPICAL
A1.1 SCALE: 1/2"=1'-0"

NOTES

1. REMOVE EXISTING WINDOW
2. REMOVE EXISTING EXTERIOR P.F. STEEL SIDING AND CHECK FOR DAMAGE BENEATH. CUT BACK EXISTING OPENING TO ALLOW FOR NEW WINDOW TO SEAT AGAINST BLOCKING. SEE DETAIL A1.2
3. REMOVE EXISTING EXHAUST VENTS AND INSTALL NEW - SEE MECHANICAL
4. REMOVE BASE BOARD AND RETAIN FOR REINSTALLATION.

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INTERIOR/EXTERIOR RENOVATIONS - HOUSE 397
ELEVATIONS

DATE (YY MM DD) 17 07 18
SCALE AS NOTED
DRAWN BY RQS
CHECKED BY RS

LOCATION HOUSE V397(RED) RESOLUTE BAY, NUNAVUT

CONSTRUCTION

A1.1

REVISION #: 00
JOB NO. 17-001-01-10

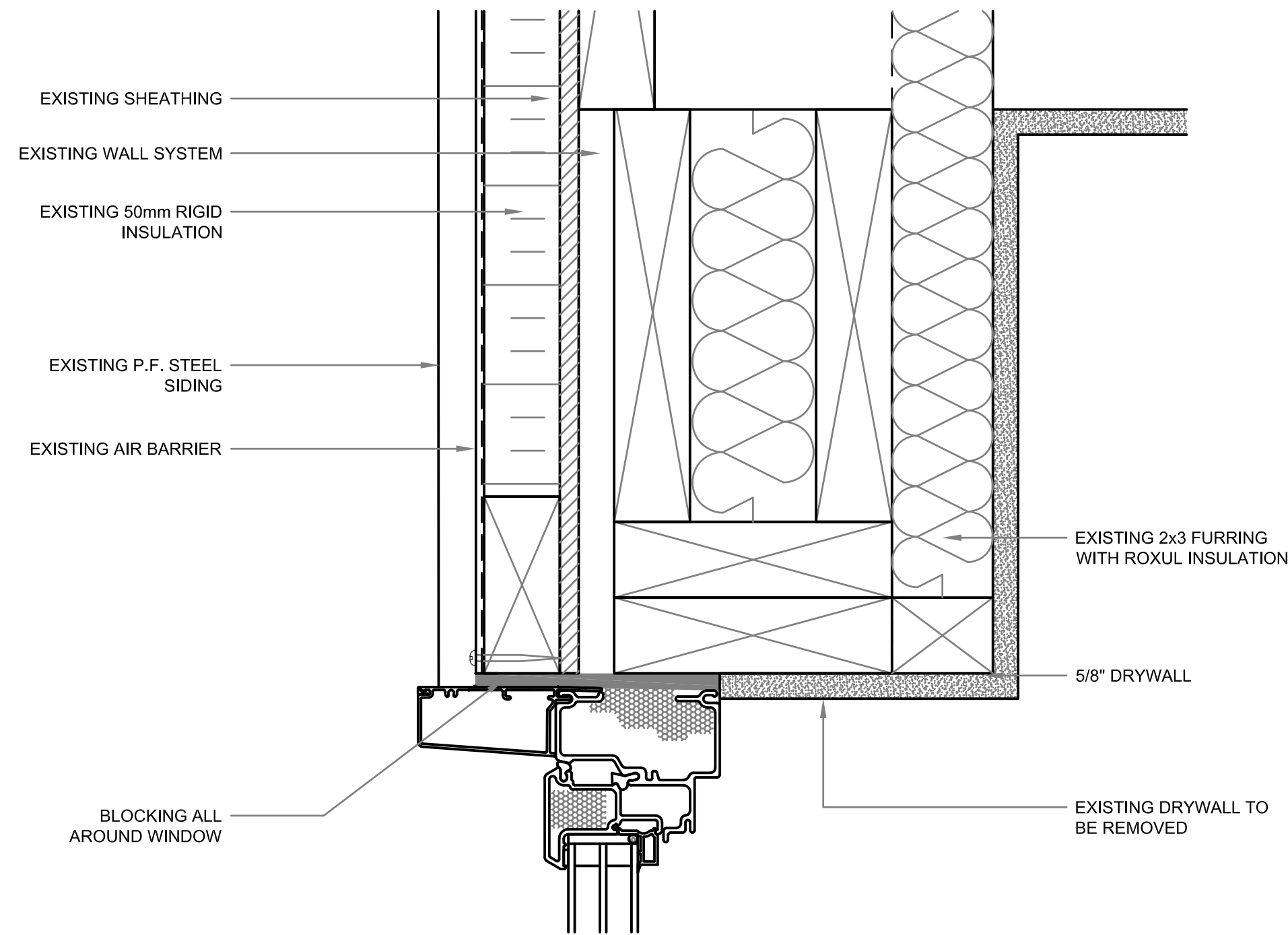
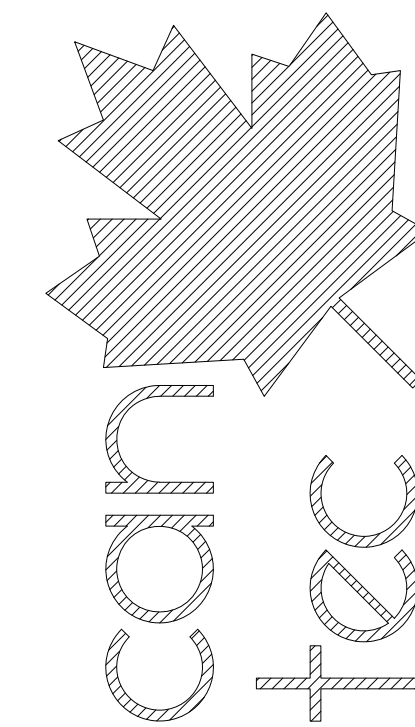
REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR CONSTRUCTION	17 07 18	

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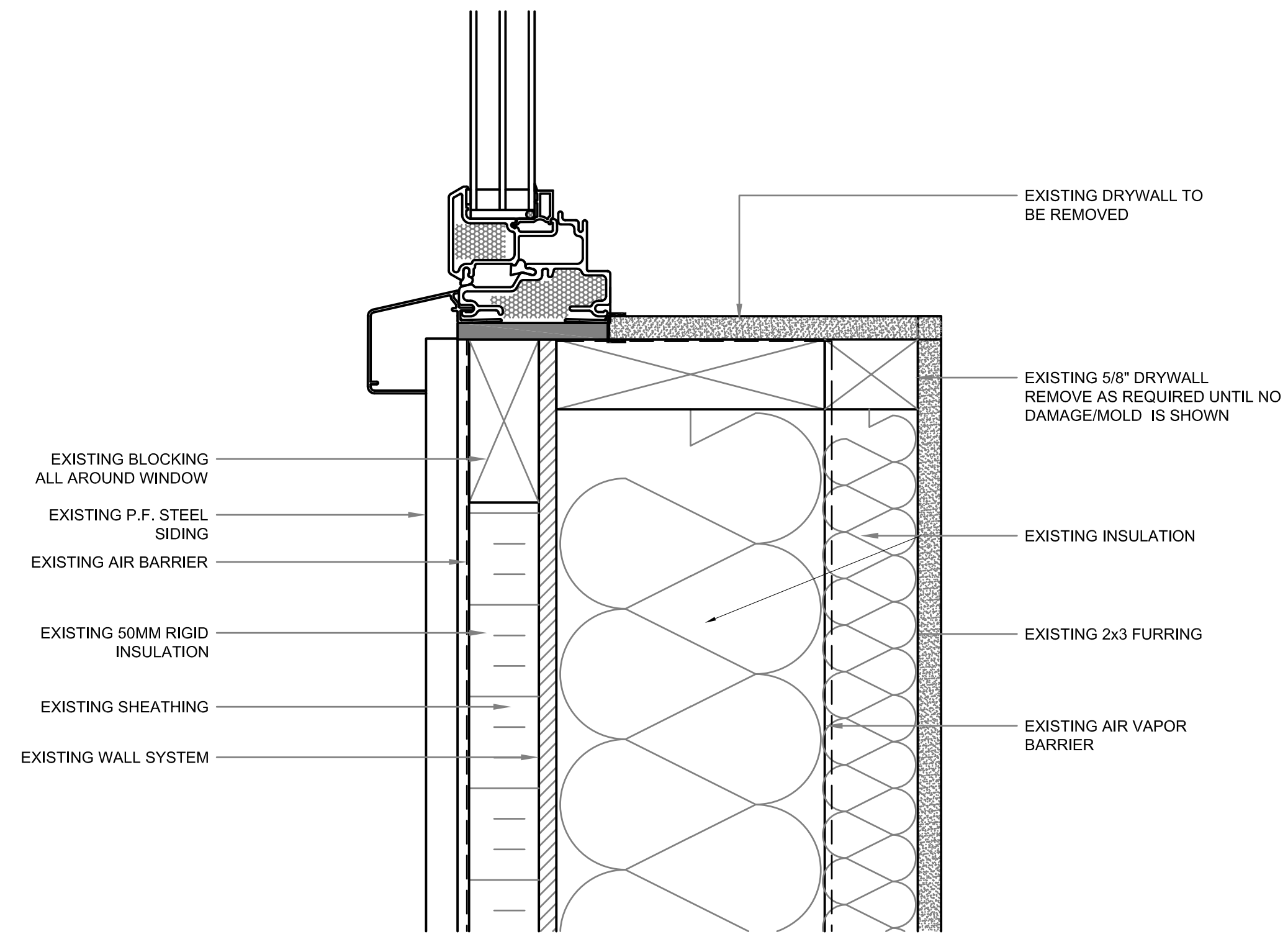
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1 EXISTING WINDOW HEAD DETAIL
 A1.2 SCALE: N.T.S.



2 EXISTING WINDOW SILL DETAIL
 A1.2 SCALE: N.T.S.

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INTERIOR/EXTERIOR RENOVATIONS - HOUSE 397

EXISTING WINDOW SECTION DETAILS

DATE (YY MM DD) 17 07 18
 SCALE AS NOTED
 DRAWN BY RQS
 CHECKED BY RS

LOCATION HOUSE V397(RED) RESOLUTE BAY, NUNAVUT

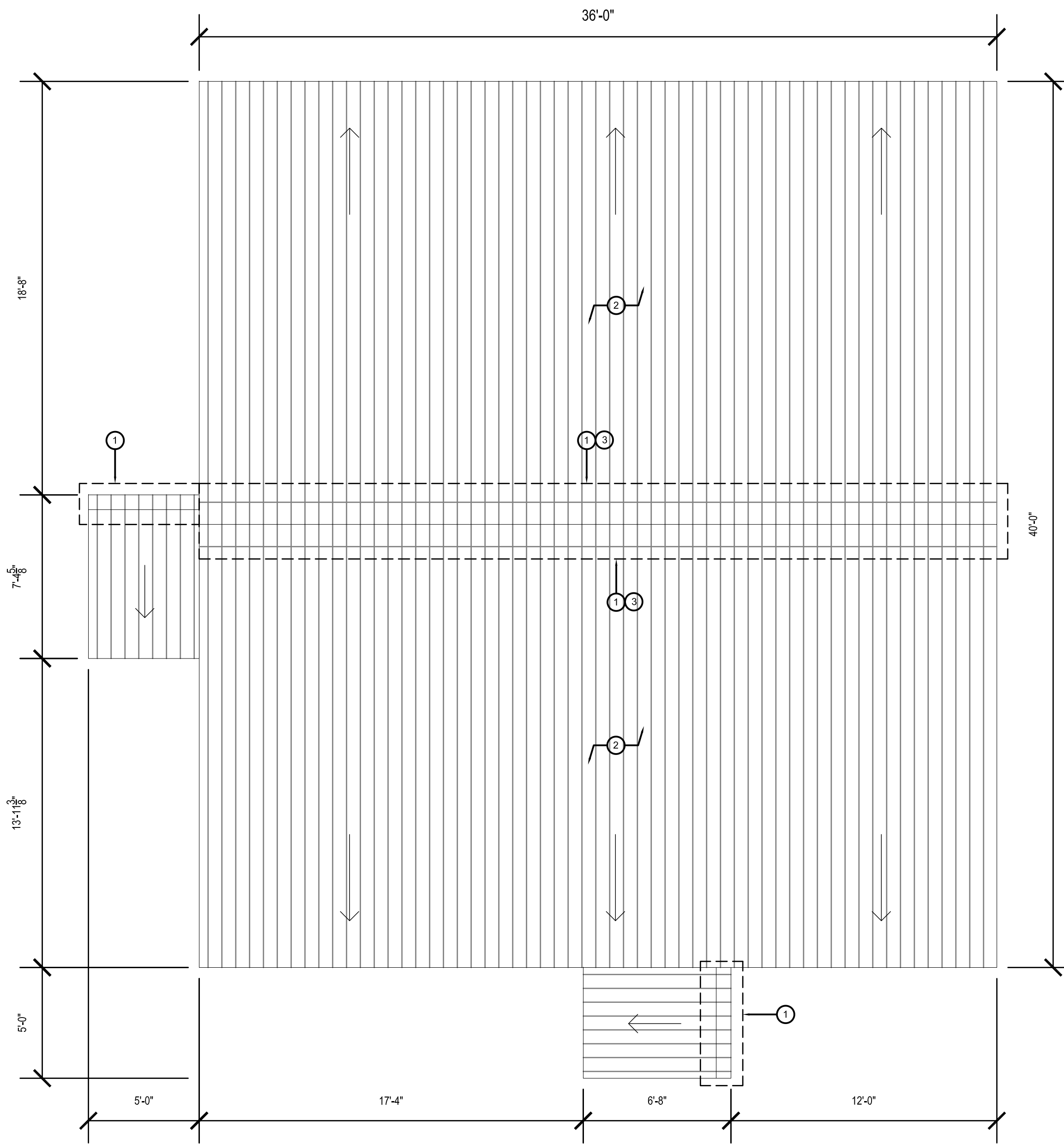
CONSTRUCTION

A1.2

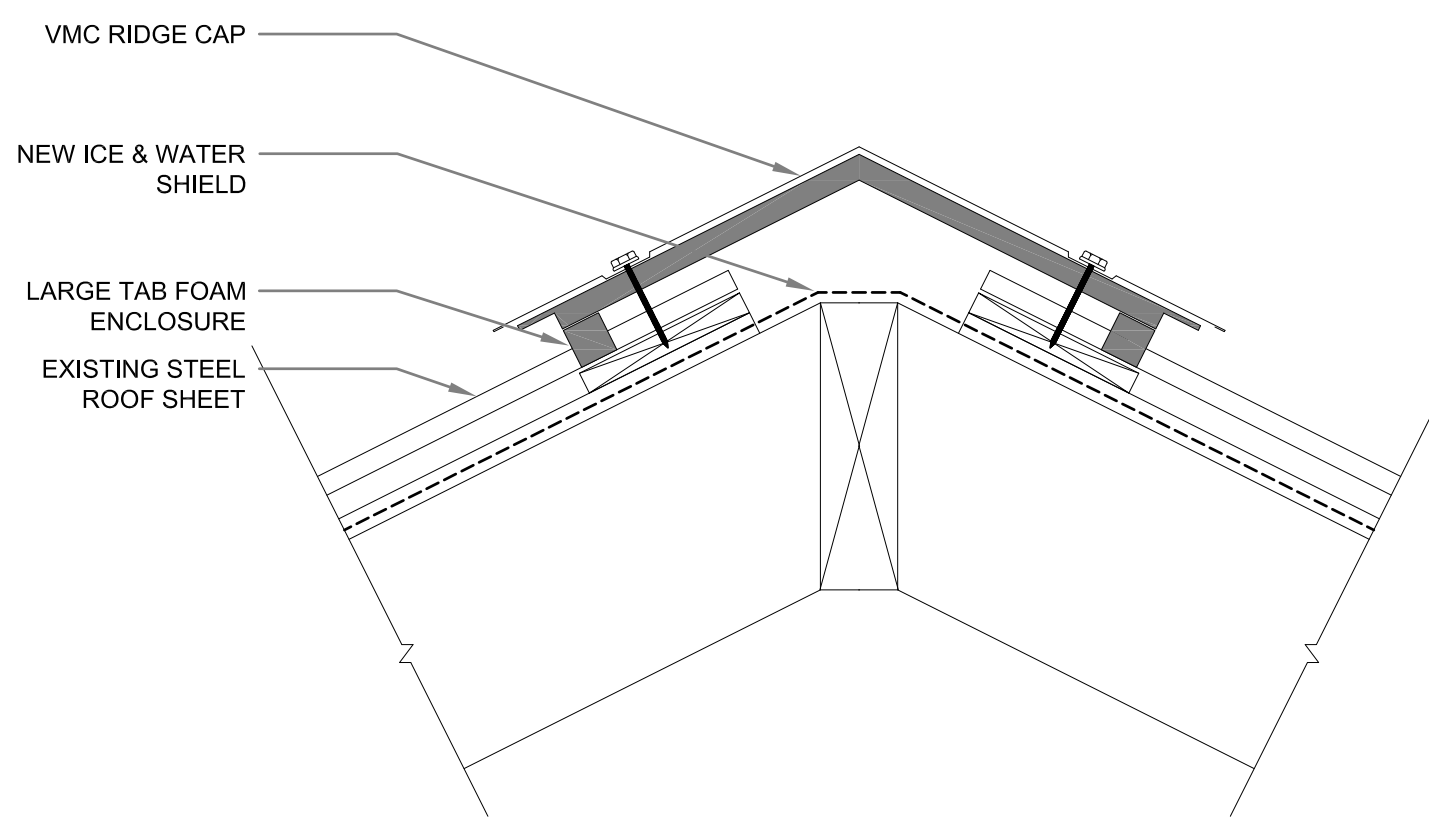
REVISION #: 00
 JOB NO.

17-001-01-10

#	REVISION	DATE (YY MM DD)	REV. BY
1	RE-ISSUED FOR CONSTRUCTION	12/30/10	AJRK



1 ROOF PLAN
A1.3 SCALE: 1/4"=1'-0"



1 ROOF RIDGE DETAIL
A1.3 SCALE: N.T.S.

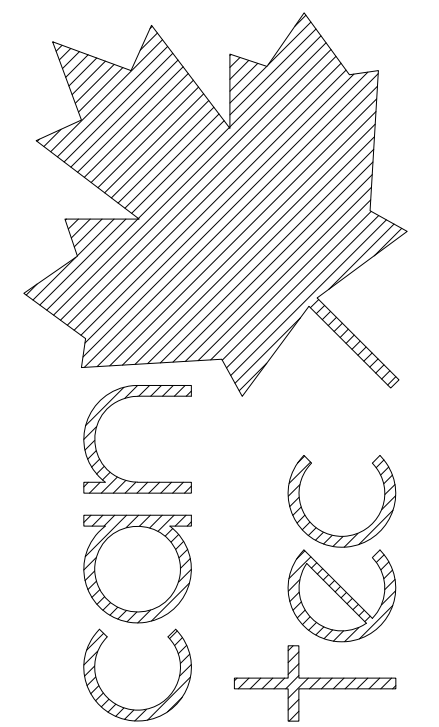
ROOF PLAN GENERAL NOTES:

1. SCREWS ARE MISSING IN SEVERAL PLACES. INSTALL NEW SCREWS AND GASKETS OVER ENTIRE ROOF.
2. CONTRACTOR TO REFASTEN ROOF (INSTALL NEW SCREWS); ADD END AND PEAK GASKETS; ADD ICE AND WATER SHIELD TO FIRST 4'-0" AT PEAK AND EAVE.
3. ADD NEW ROOF CAP.

ROOF PLAN NOTES: (#)

1. SCREWS ARE MISSING IN SEVERAL PLACES. INSTALL NEW SCREWS AND GASKETS OVER ENTIRE ROOF.
2. REMOVE ALL EXISTING SCREWS AND REPLACE WITH NEW.
3. ADD NEW ICE AND WATER SHIELD UNDER ROOF PEAK.

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ROOF PLAN

DATE (YY MM DD) 17 07 18
SCALE AS NOTED
DRAWN BY RQS
CHECKED BY RS

LOCATION HOUSE V397 (RED) RESOLUTE BAY, NUNAVUT

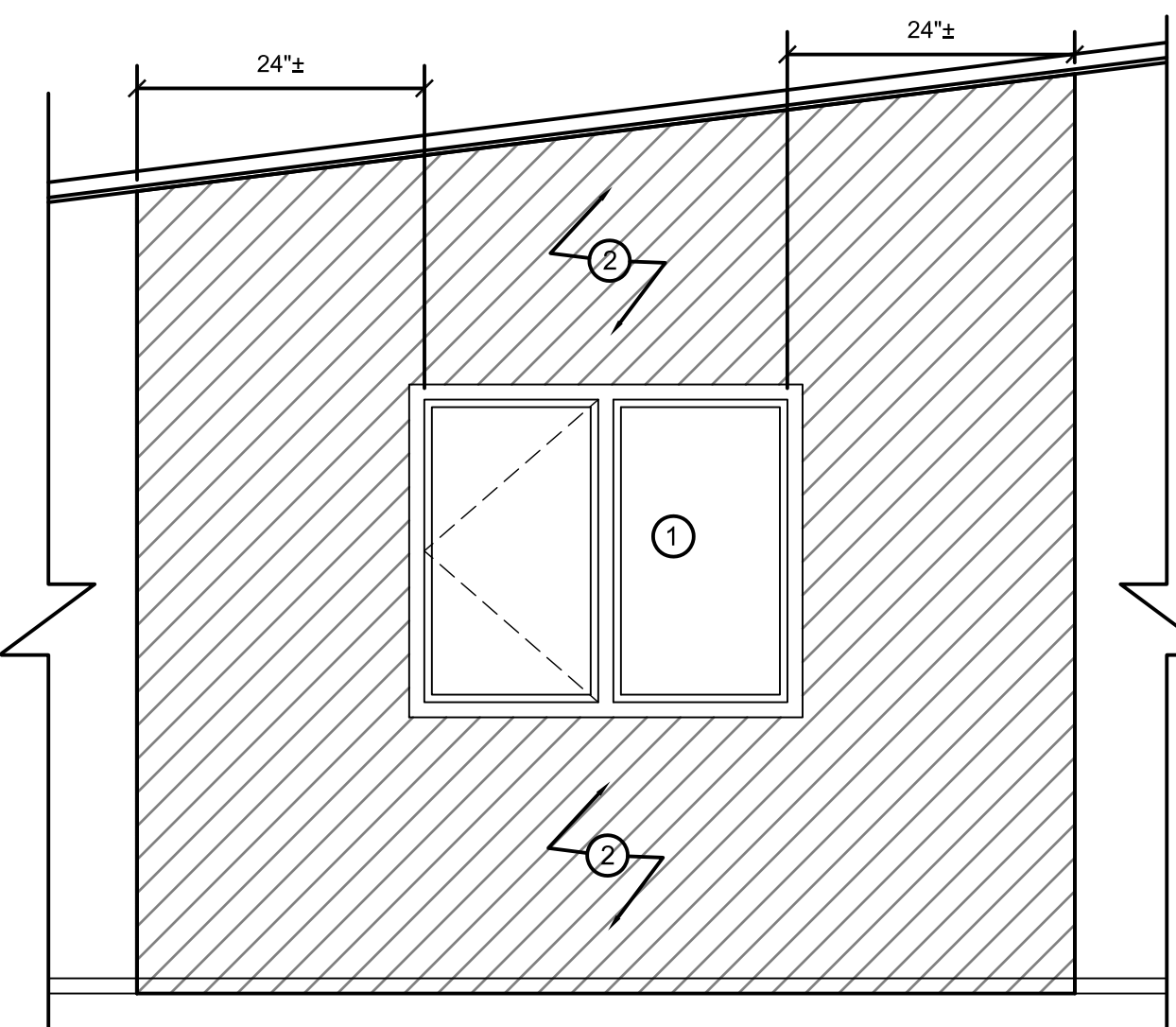
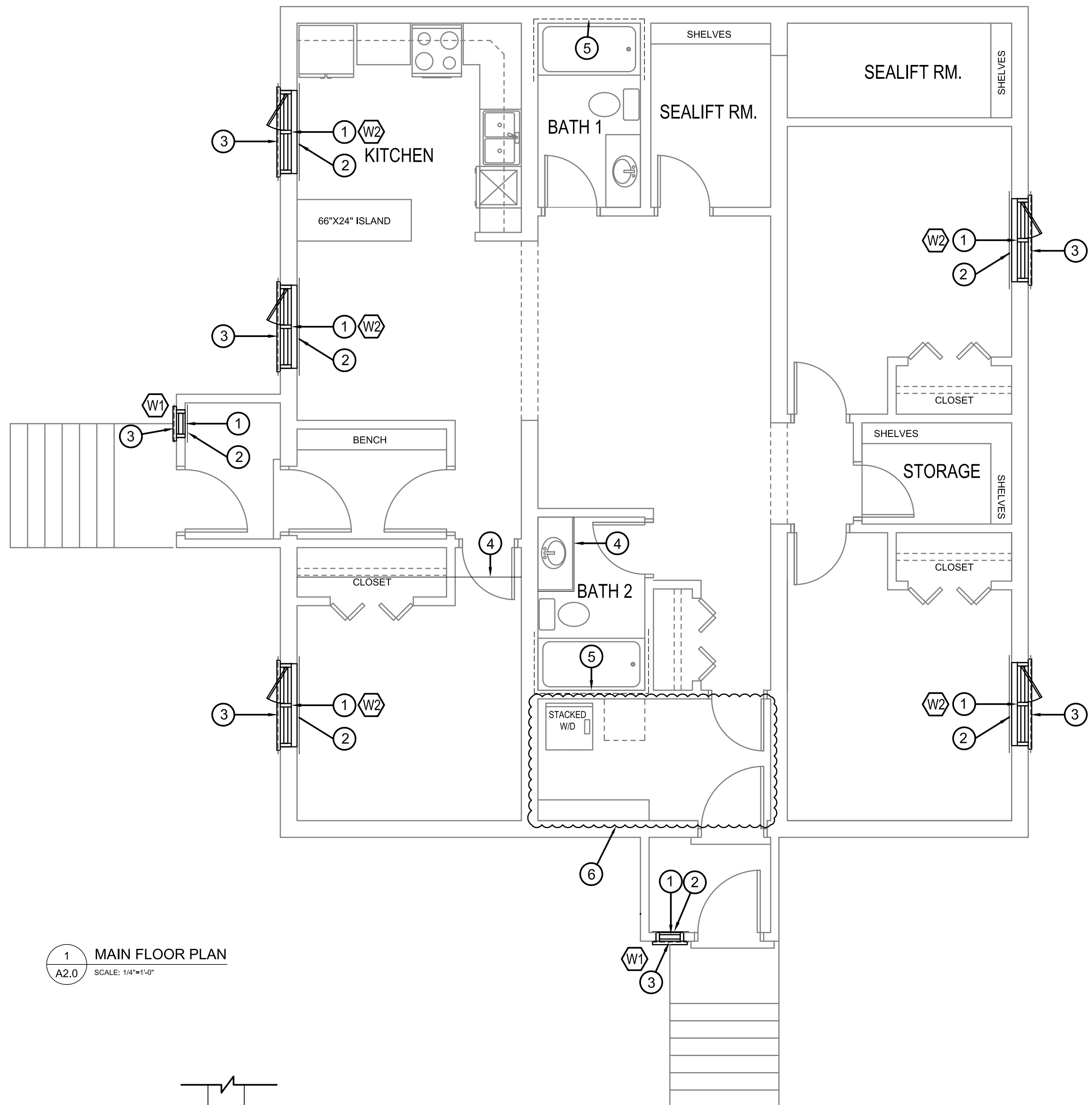
CONSTRUCTION

A1.3

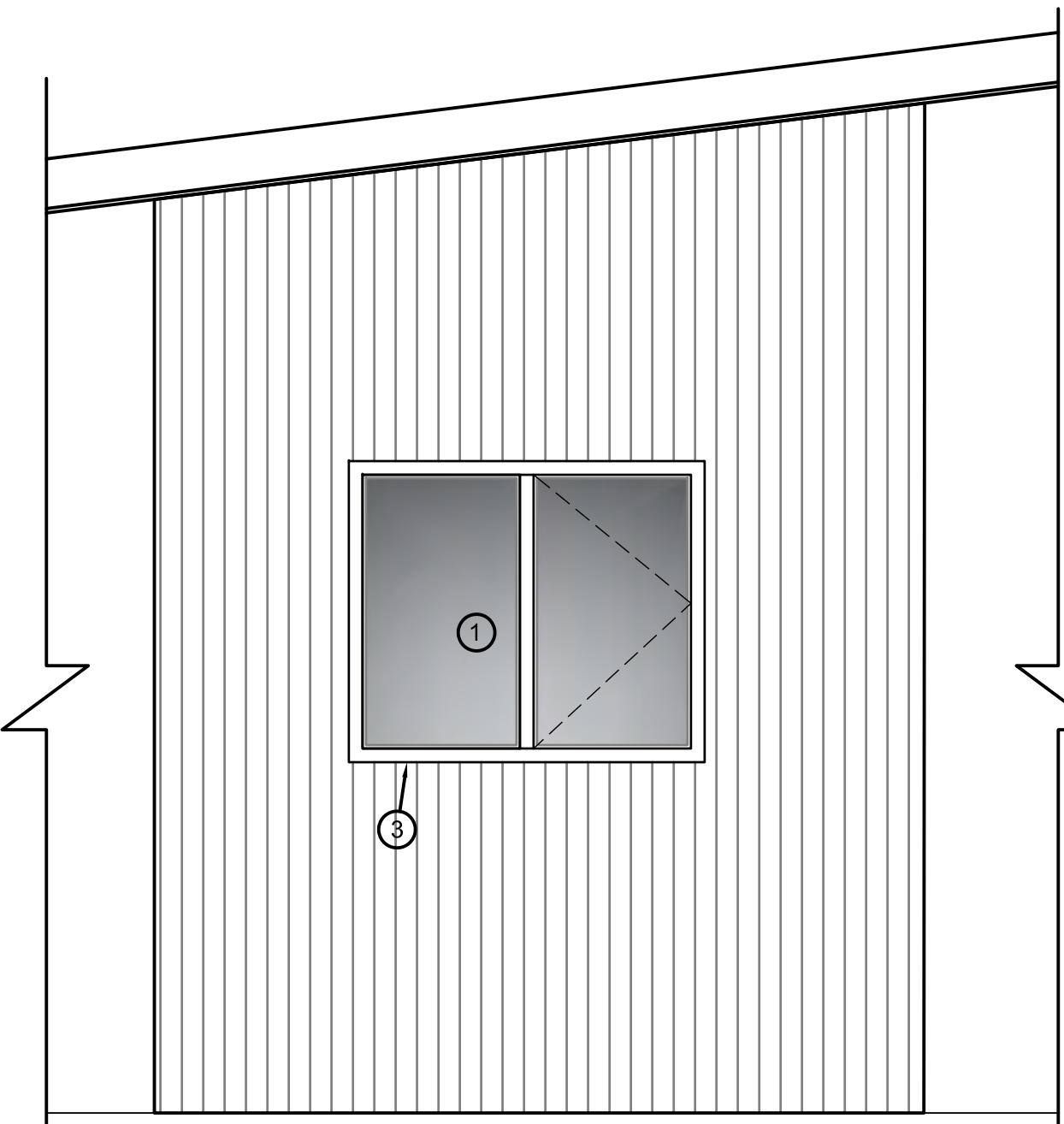
REVISION #: 00

JOB NO. 17-001-01-10

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR CONSTRUCTION	17 07 18	

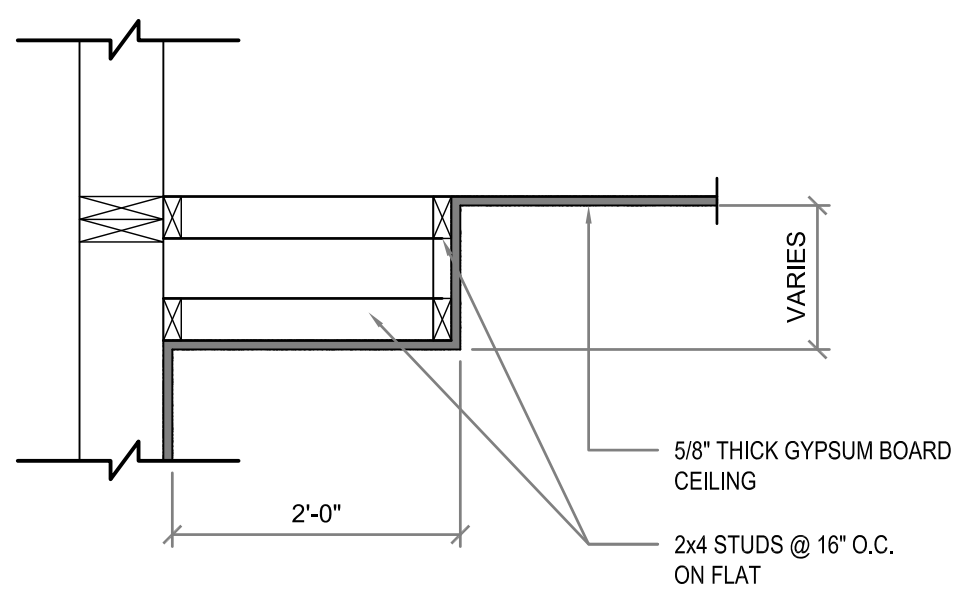


2 WINDOW INTERIOR REPAIR ELEVATION (TYP.)
A2.0 SCALE: 1/2"=1'-0"



3 WINDOW REPAIR EXTERIOR ELEVATION (TYP.)
A2.0 SCALE: 1/2"=1'-0"

1 MAIN FLOOR PLAN
A2.0 SCALE: 1/4"=1'-0"



4 BULKHEAD SECTION
A2.0 SCALE: 1/2"=1'-0"

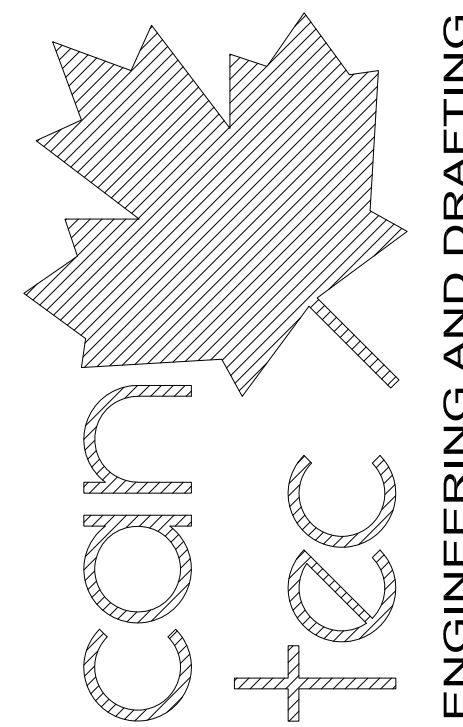
DRAWING NOTES #

1. INSTALL NEW WINDOW SEE SHEET A4.0 FOR DETAILS
2. EXISTING WALL TO BE RE-DRYWALLED FROM 18" - 24" ON EITHER SIDE OF EXISTING WINDOW. ENTIRE WALL SECTION TO BE RE-PAINTED TO MATCH EXISTING
3. RE-INSTALL EXISTING SIDING AFTER MODIFYING AREA AROUND WINDOW. SEE DETAILS ON SHEET A4.0.
4. INSTALL NEW BULKHEAD SEE DETAIL 4 SHEET A2.0 FOR MECHANICAL DUCTWORK.
5. REPAIR EXISTING DRYWALL. PAINT TO MATCH EXISTING.
6. REPAIR DRYWALL DAMAGE ON WALLS AND CEILING.

GENERAL NOTES:

1. ENTIRE CEILING TO BE RE-PAINTED THROUGHOUT HOUSE.
2. ANY DAMAGE TO CEILING TO BE REPAIRED AFTER NEW LIGHT FIXTURES ARE INSTALLED.
3. INSTALL NEW DOUBLE ROLLER BLINDS ON ALL WINDOWS EXCEPT FOR VESTIBULE WINDOWS

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PROJECT TITLE: INTERIOR/EXTERIOR RENOVATIONS - HOUSE 397
SHEET TITLE: MAIN FLOOR PLAN

CHECKED BY: RS
DRAWN BY: RQS
SCALE: AS NOTED
DATE (YY MM DD): 17 07 18
LOCATION: HOUSE V397(RED) RESOLUTE BAY, NUNAVUT

CONSTRUCTION
A2.0
REVISION #: 00
JOB NO. 17-001-01-10

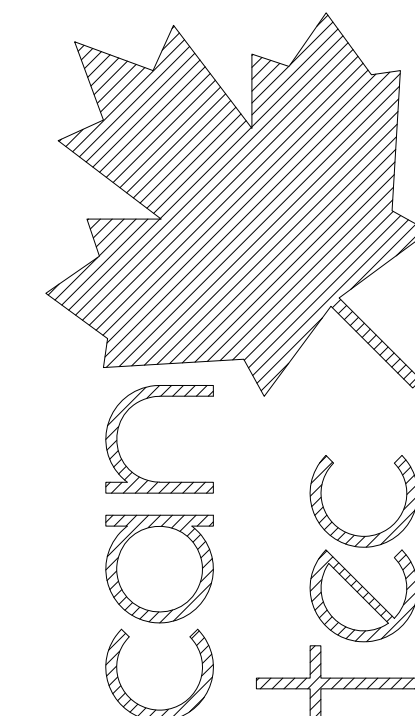
REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR CONSTRUCTION	17 07 18	

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INTERIOR/EXTERIOR RENOVATIONS - HOUSE 397

DETAILS & SCHEDULE OF WINDOWS

DATE (YY MM DD) 17 07 18
 SCALE AS NOTED
 DRAWN BY RQS
 CHECKED BY RS

LOCATION HOUSE V397 (RED) RESOLUTE BAY, NUNAVUT

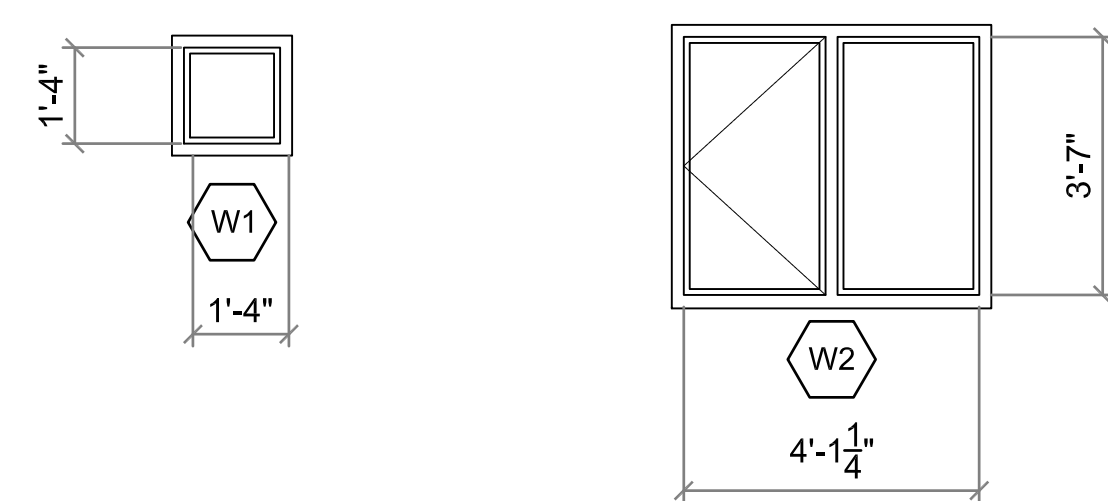
CONSTRUCTION

A4.0

REVISION #: 00

JOB NO. 17-001-01-10

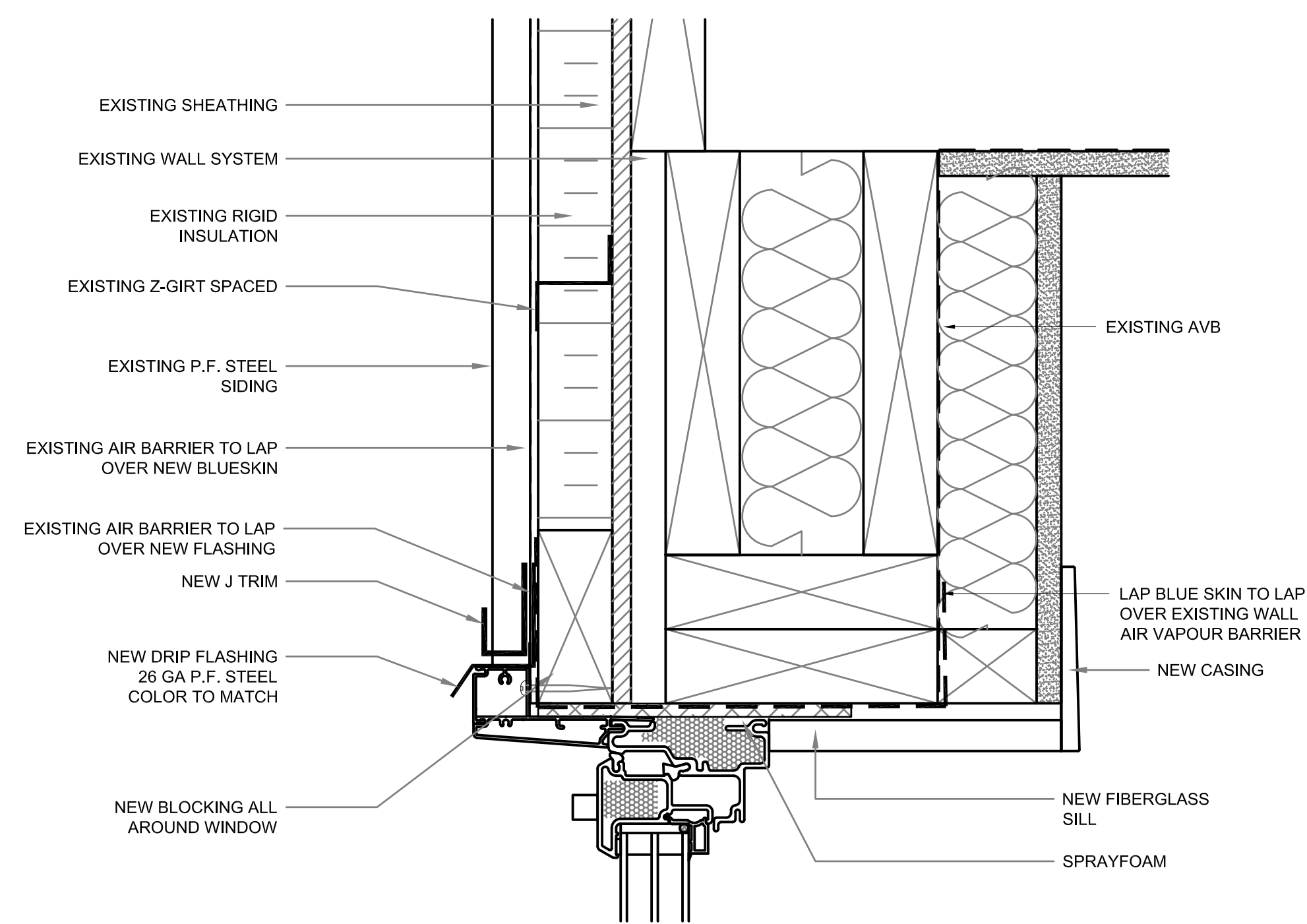
RE-ISSUED FOR CONSTRUCTION 12/30/10 AJRK
 REV. # REVISION DATE (YY MM DD) REV. BY



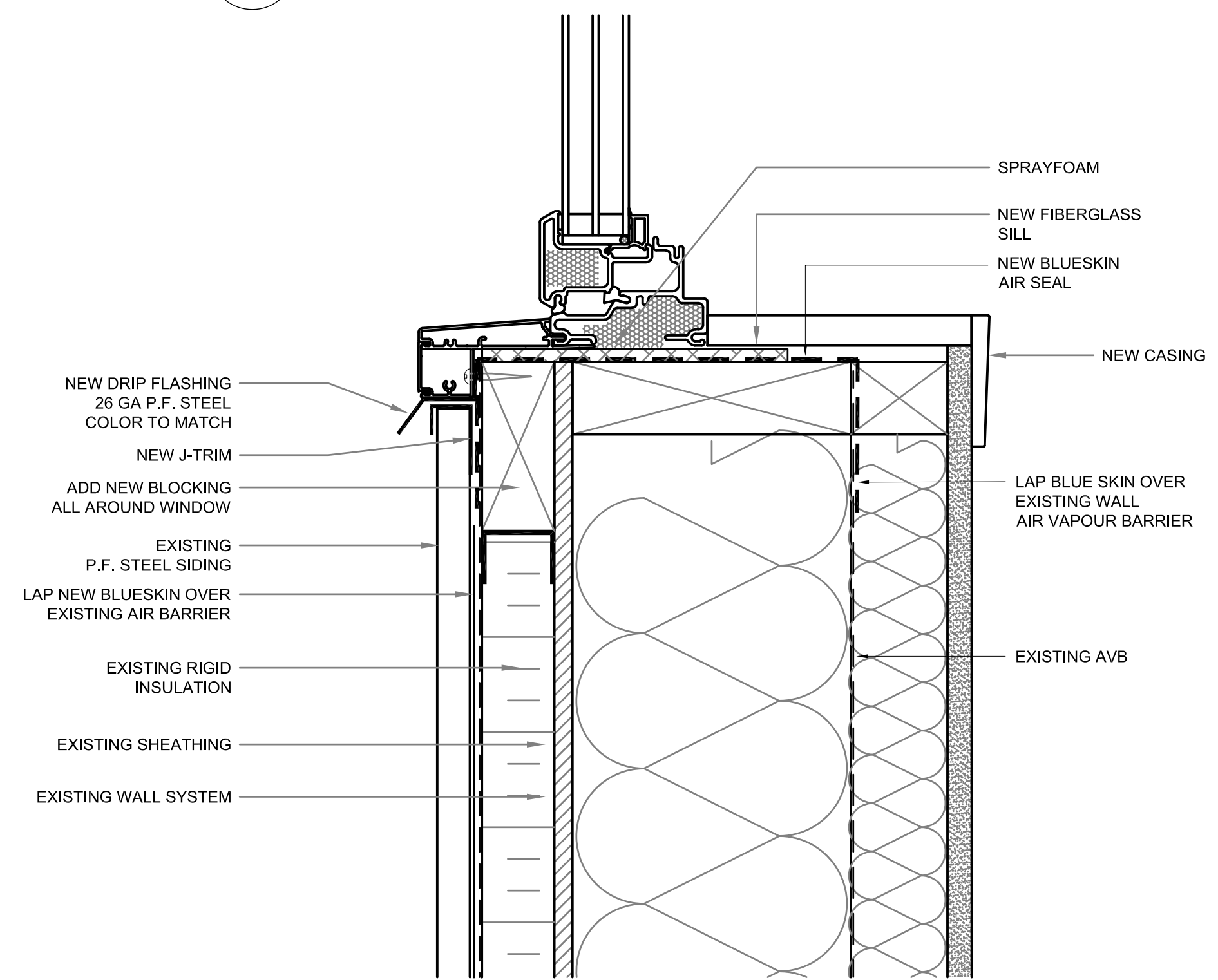
WINDOW SCHEDULE

NOTES:

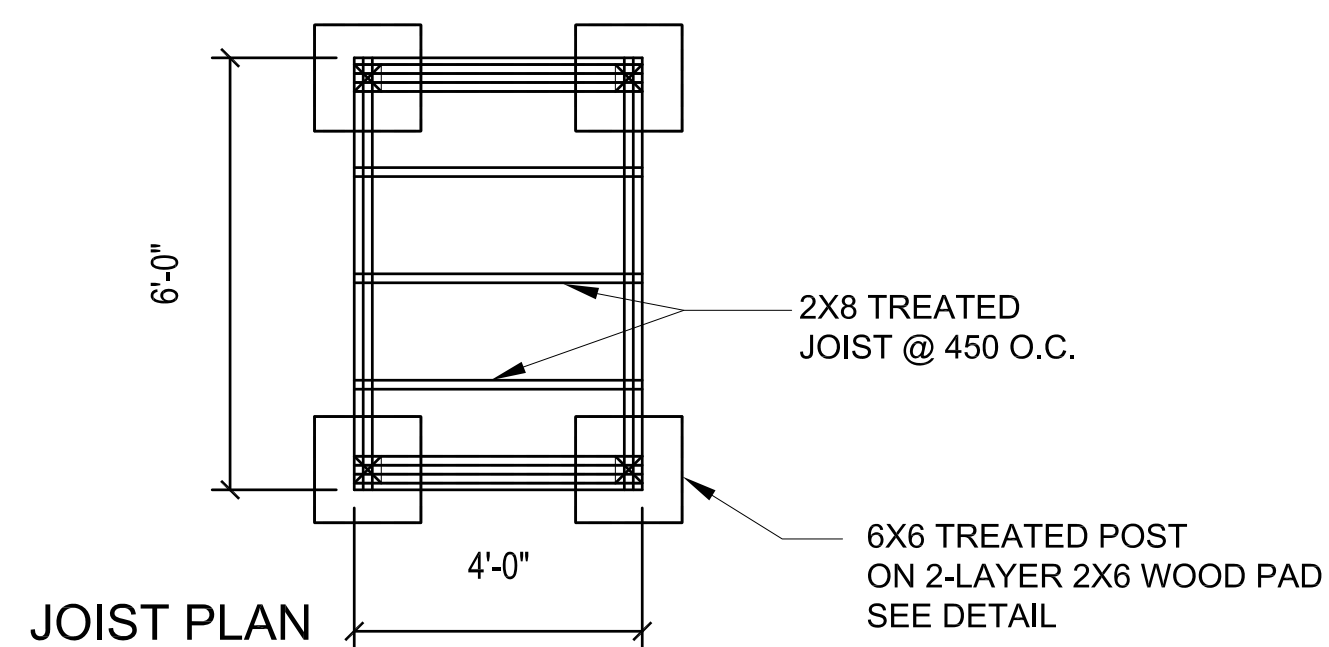
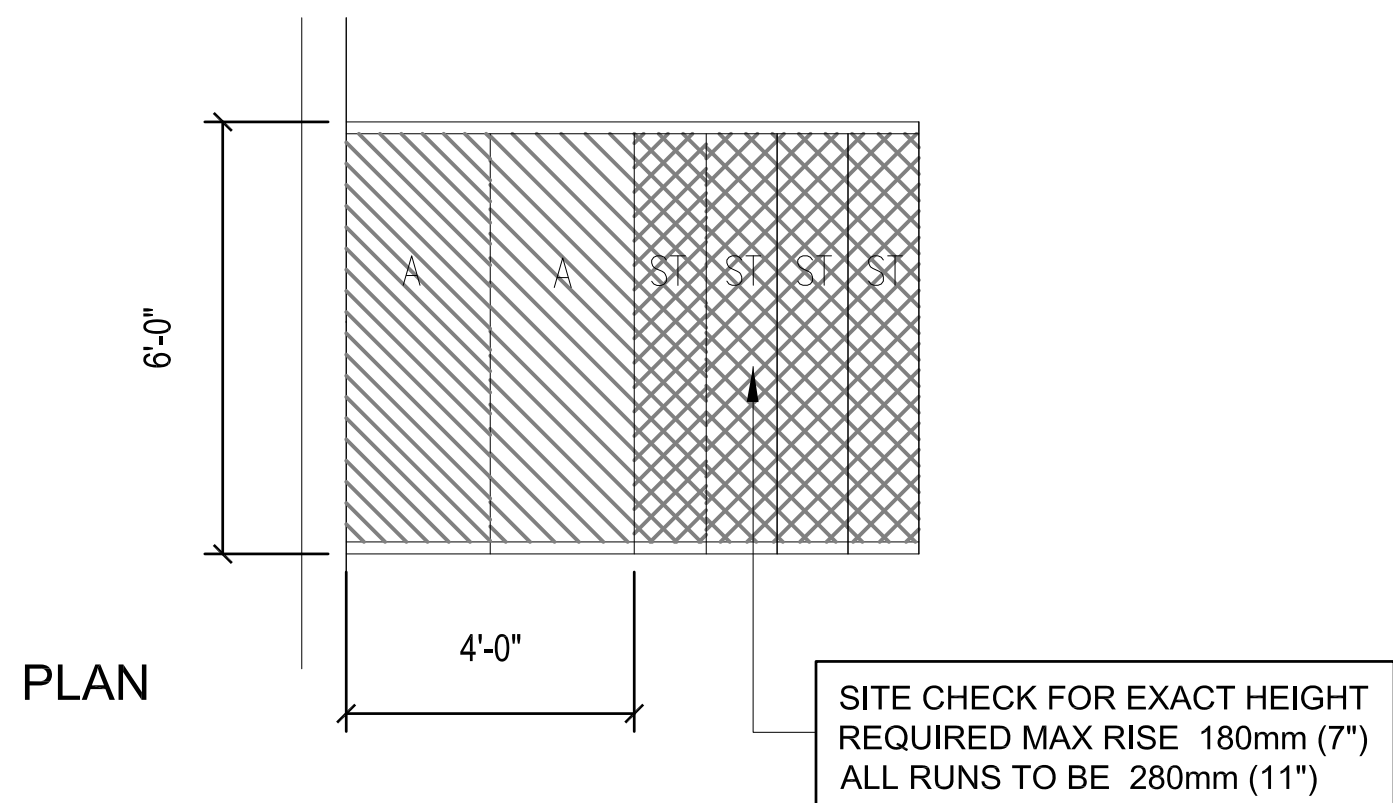
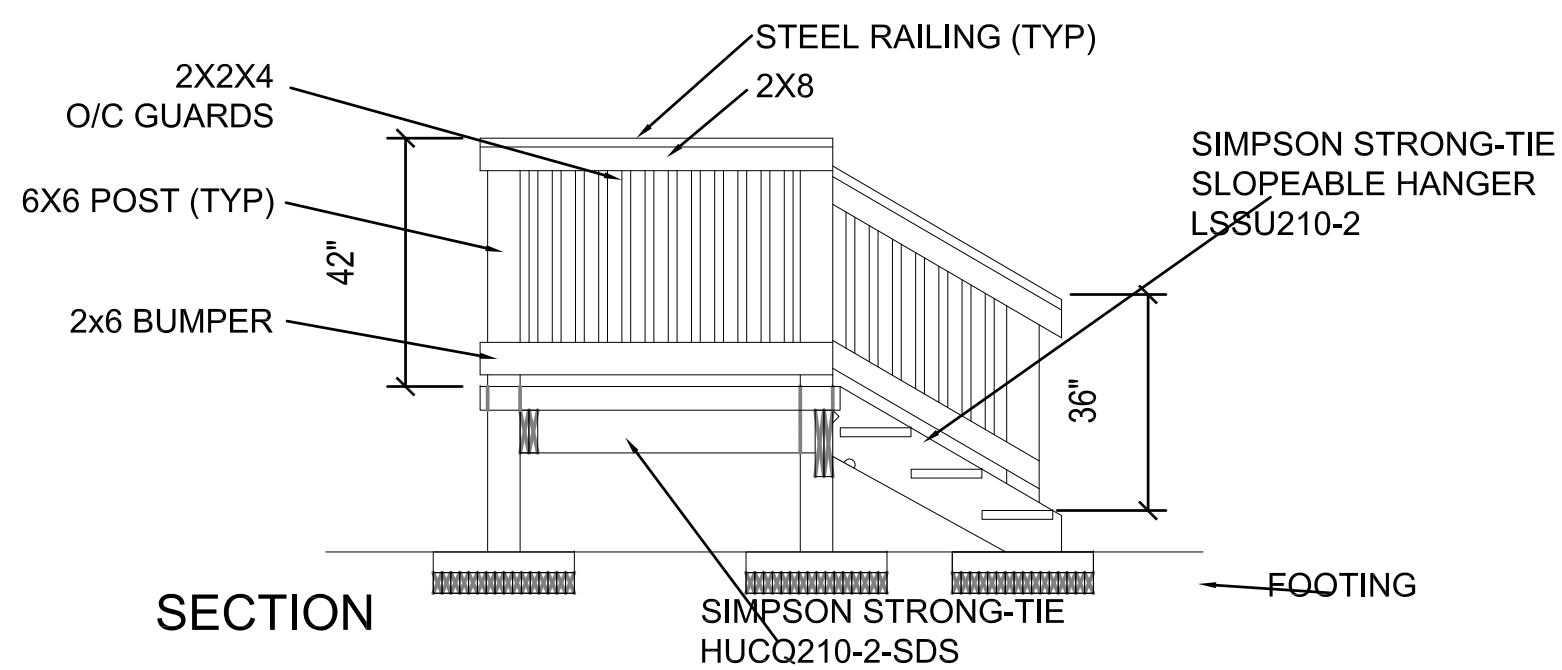
1. 6 MIL POLY RETURNED INTO ROUGH WINDOW OPENING AND SEALED TO WOOD FRAMING
2. AIR BARRIER RETURNED INTO ROUGH WINDOW OPENING AND SEALED TO WOOD FRAMING
3. SPRAY FOAM INSULATION INTO SPACES BETWEEN WINDOW AND ROUGH OPENING
4. PROVIDE PRE FINISHED POST FORMED GALVANIZED STEEL FLASHING FULL WIDTH OF WINDOW AT TOP OF WINDOW
5. BEDROOM WINDOWS MUST MEET NBC EGRESS REQUIREMENTS AS PER 9.7.1.3.2
6. INSTALL NEW WINDOW AND DOOR CASING TO ALL UNITS BEING REPLACED.



1 WINDOW HEAD DETAIL
 A4.0 SCALE: N.T.S.



2 WINDOW SILL DETAIL
 A4.0 SCALE: N.T.S.



1
A4.1 PLATFORM DETAIL
SCALE: 3/8"=1'-0"

TYPICAL DECK & RAMP CONSTRUCTION
 38mm FISHER AND LUDLOW GRIP SPAN STEEL DECKING, 12 GAUGE, PRE-GALVANIZED SIZES ON SHEET A2.1
 2X8 PWF JOISTS @ 16" O/C
 INSTALL SOLID BLOCKING MIDSPAN @ MAX. 6'-0" O/C BETWEEN JOISTS
 2X10 PWF FACER ALL SIDES 2" ABOVE JOISTS

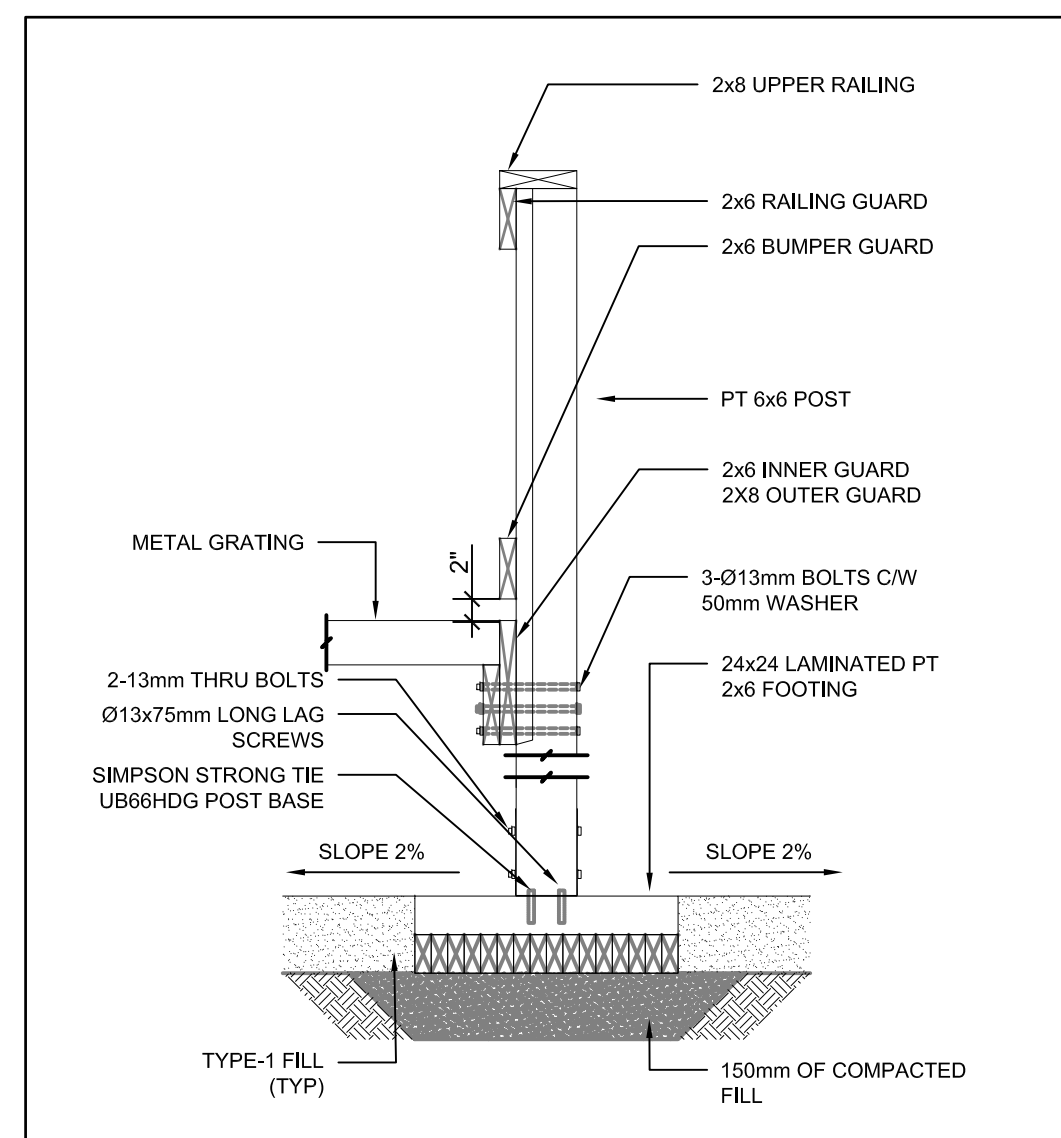
NOTE: EXTERIOR STAIR DETAIL IS BASED ON ELEVATIONS NOTED ON BUILDING SECTION. IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO ENSURE THAT ENOUGH MATERIAL IS PROVIDED TO CONSTRUCT STAIRS IN ACCORDANCE WITH FINISHED GRADE ON SITE

NOTE:
 1. ALL WOOD MATERIALS TO BE PWF
 2. ALL HARDWARE TO BE GALVANIZED
 3. ALL DIMENSIONS ARE TO BE SITE MEASURED AND ADJUSTED.



2
A4.1 PHOTO 1 - PLATFORM - MECHANICAL ROOM
SCALE: N.T.S.

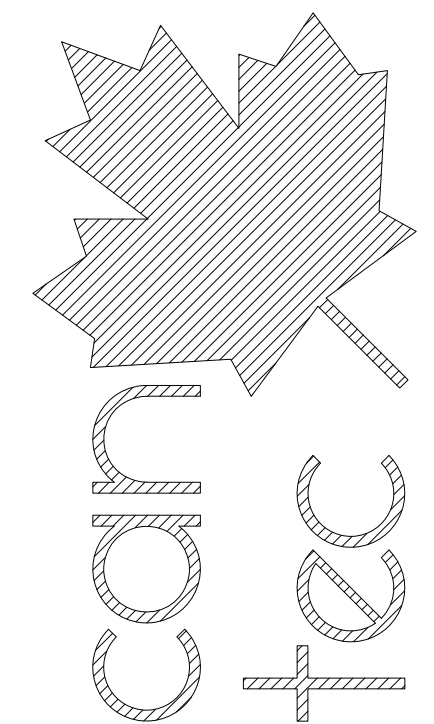
REMOVE AND REPLACE EXISTING PLATFORM



3
A4.1 TYPICAL POST DETAIL
SCALE: 3/4"=1'-0"

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PROJECT TITLE: INTERIOR/EXTERIOR RENOVATIONS - HOUSE 397
 SHEET TITLE: NEW EXTERIOR STAIRS FOR MECHANICAL ROOM
 DATE (YY MM DD): 17 07 18
 SCALE: AS NOTED
 CHECKED BY: RS
 DRAWN BY: RQS
 LOCATION: HOUSE V397(RED) RESOLUTE BAY, NUNAVUT

CONSTRUCTION

A4.1

REVISION #: 00




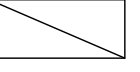

JOB NO. 17-001-01-10

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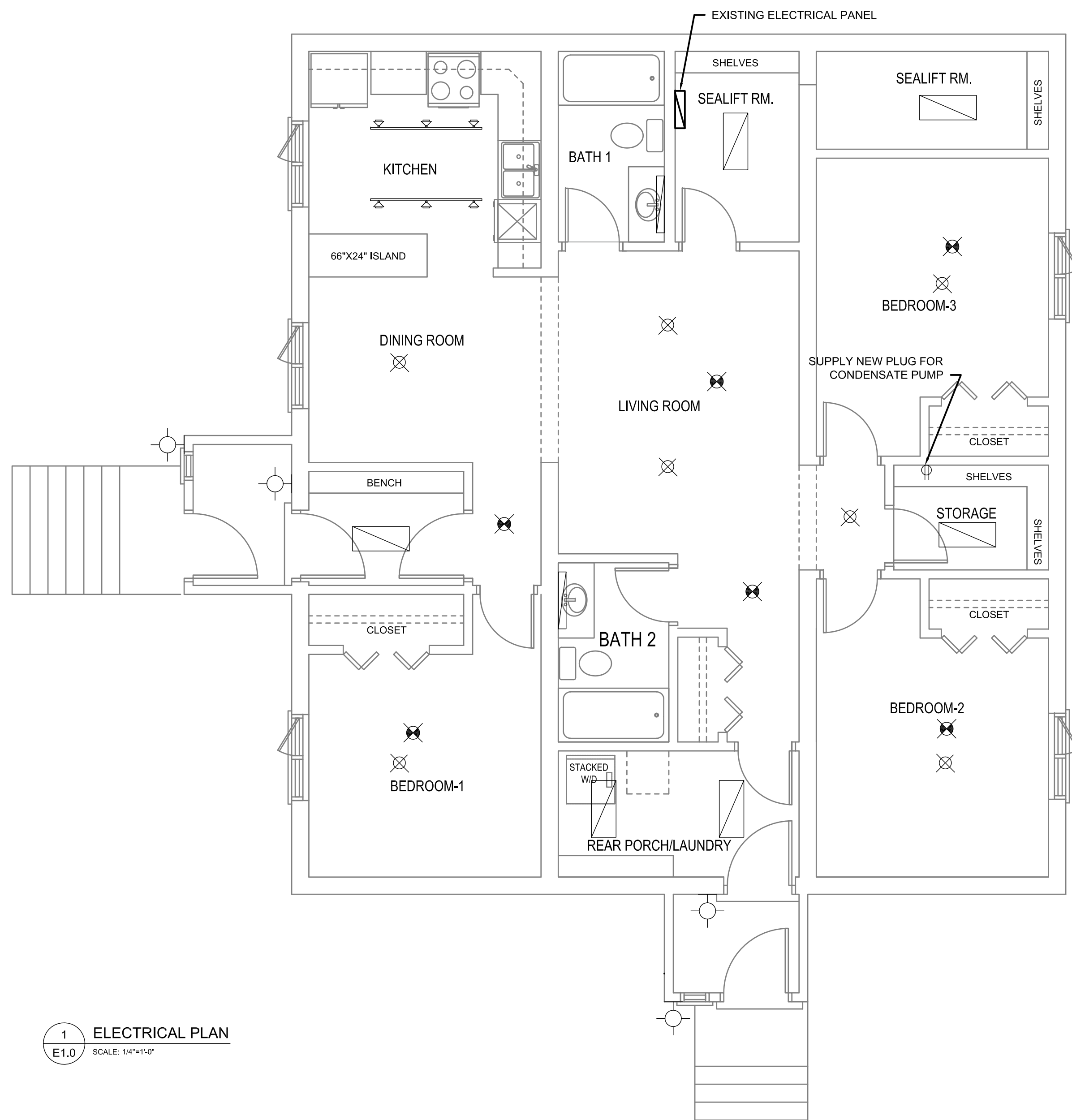
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ELECTRICAL LEGEND

-  NEW CEILING MOUNT FIXTURE (LED)
-  NEW WALL MOUNT FIXTURE (LED)
-  NEW SMOKE DETECTOR
-  NEW 4' x 2' LED FIXTURE
-  NEW TRACK LIGHTING FIXTURE (LED)

ELECTRICAL NOTES:

1. CONTRACTOR TO ENGAGE LIGHTING DESIGNER TO DESIGN ALL LIGHTING THROUGHOUT THE HOUSE. CONTRACTOR TO SUPPLY SHOP DRAWINGS FOR PROPOSED LIGHTING OF HOUSE FOR REVIEW TO CONSULTANT.
2. LIGHT FIXTURES TO BE PAID FOR OUT OF CASH ALLOWANCES
3. LOCATIONS OF FIXTURES ARE APPROXIMATE ONLY
4. ALL NEW FIXTURES ARE TO BE LED
5. ALL LIGHT FIXTURES ARE TO BE REPLACED THROUGHOUT HOUSE. (ALL MAY NOT BE SHOWN. CONTRACTOR IS TO SHIP 2 EXTRA FIXTURES TO COUNTER THIS RISK)



1 ELECTRICAL PLAN
 E1.0 SCALE: 1/4"=1'-0"

SEALED BY:

INTERIOR/EXTERIOR RENOVATIONS - HOUSE 397

CONSTRUCTION

E1.0

REVISION #: 00

JOB NO. 17-001-01-10

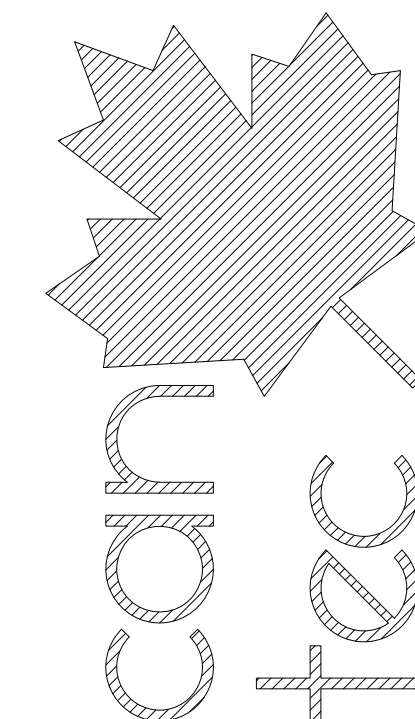
17-001-01-10

PROJECT TITLE
 SHEET TITLE
 DATE (YY MM DD)
 17 07 18
 SCALE
 AS NOTED
 LOCATION
 HOUSE V397(REDE) RESOLUTE BAY, NUNAVUT

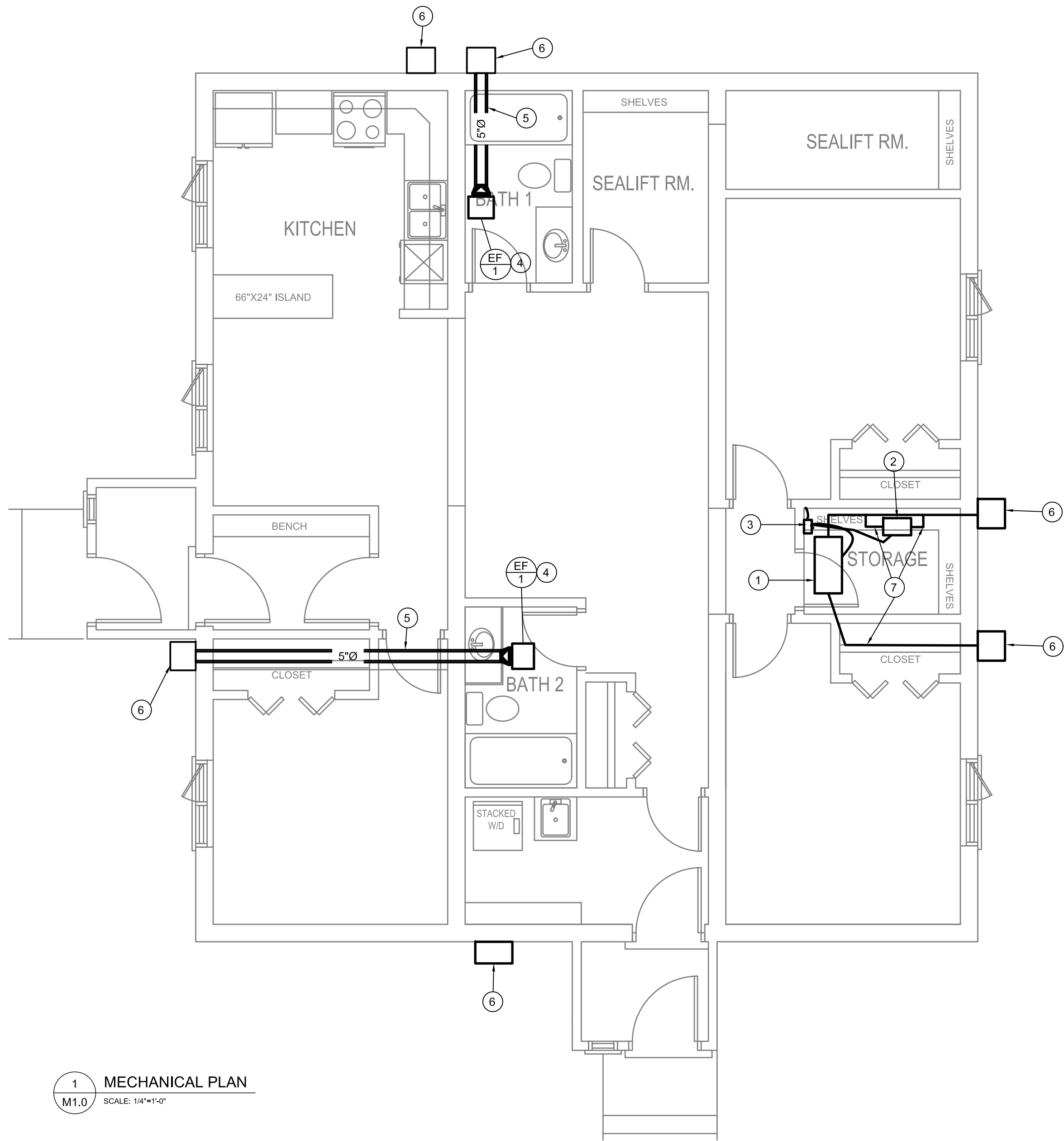
ELECTRICAL PLAN

CHECKED BY
 RS
 DRAWN BY
 RQS

HOUSE V397(REDE) RESOLUTE BAY, NUNAVUT



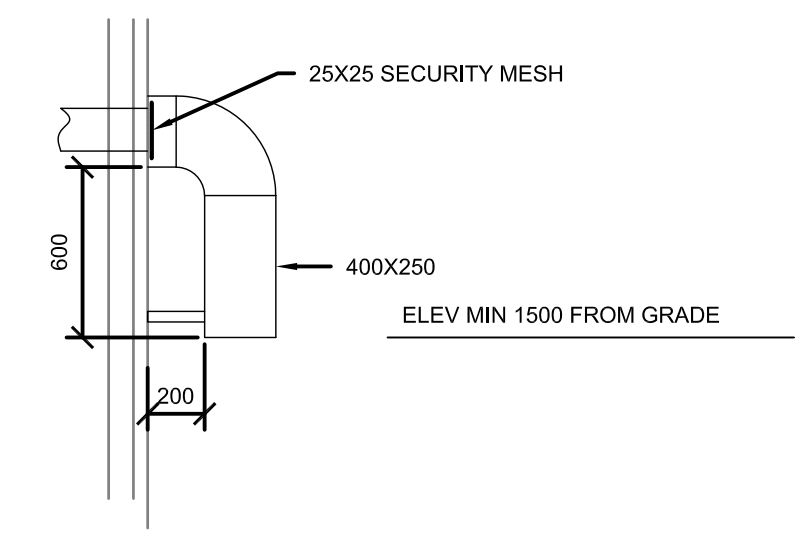
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1 MECHANICAL PLAN
M1.0 SCALE: 1/4"=1'-0"

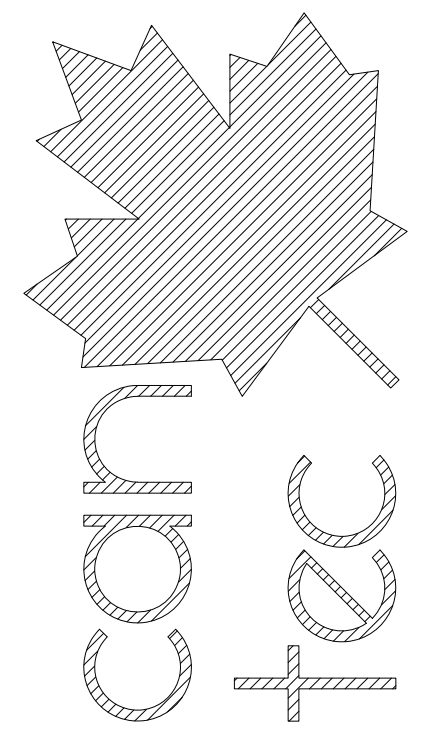
DRAWING NOTES: #

1. EXISTING HRV
2. EXISTING HUMIDIFIER
3. NEW LITTLE GIANT CONDENSATE PUMP. CONNECT TO EXISTING HRV AND HUMIDIFIER DRAIN. DISCHARGE TO EXISTING 3/4" TUBING.
4. NEW EXHAUST FAN. INSTALL IN NEW BULKHEAD WIRE TO LIGHT SWITCH.
5. NEW DUCT WORK TO EXTERIOR WALL. INSTALL IN BULKHEAD
6. NEW EXTERIOR EXHAUST HOOD SEE DETAIL 2 SHEET M1.0
7. INSULATE ALL HRV AND HUMIDIFIER DUCTWORK THAT IS ACCESSIBLE FROM THE STORAGE ROOM.



2 TYPICAL AIR INTAKE/EXHAUST DETAIL
M1.0 SCALE: NTS

THIS DRAWING MUST NOT BE SCALED.
THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS AND LEVELS PRIOR TO COMMENCEMENT OF WORK AND IS HELD RESPONSIBLE FOR REPORTING ANY DISCREPANCY OR OMISSION TO CAN-TEC SERVICES LTD. IMMEDIATELY.
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SEALED BY:

PROJECT TITLE: INTERIOR/EXTERIOR RENOVATIONS - HOUSE 397
SHEET TITLE: MECHANICAL PLAN

DATE (YY MM DD): 17 07 18
SCALE: AS NOTED
DRAWN BY: RQS
CHECKED BY: RS
LOCATION: HOUSE V397 (RED) RESOLUTE BAY, NUNAVUT

CONSTRUCTION

M1.0

REVISION #: 00

JOB NO. 17-001-01-10

00 ISSUED FOR CONSTRUCTION 17 07 18
REV. # | REVISION | DATE (YY MM DD) | REV. BY

MECHANICAL GENERAL SPECIFICATION

1. MECHANICAL CONTRACTOR SHALL EMPLOY ONLY CERTIFIED JOURNEYMEN NORMALLY ENGAGED IN THE SHEET METAL AND STEAM FITTING TRADES TO THE SATISFACTION OF THE AUTHORITY HAVING JURISDICTION AND/OR OWNER OR HIS REPRESENTATIVE.
2. PROVIDE A WRITTEN ONE YEAR WARRANTY ON ALL WORK DONE UNDER THIS CONTRACT FROM DATE OF ACCEPTANCE.
3. THE MANITOBA BUILDING/PLUMBING CODE 2010 SHALL GOVERN THIS PROJECT MECHANICALLY.
4. ALL CHANGES AND ALTERATIONS REQUIRED BY THE AUTHORIZED INSPECTOR OF THE AUTHORITIES HAVING JURISDICTION SHALL BE CARRIED OUT WITHOUT CHARGE OR EXPENSES TO THE OWNER.
5. EACH CONTRACTOR SHALL COORDINATE THE WORK WITH OTHER CONTRACTORS IN ORDER TO AVOID CONFLICTS.
6. CONTRACTOR SHALL VERIFY EXACT LOCATIONS, SIZES, INVERTS, ETC PRIOR TO TENDER CLOSE AND COMMENCEMENT OF WORK.
7. COORDINATE THE EXACT LOCATION OF THE GRILLES AND DIFFUSERS ON SITE WITH THE ELECTRICAL CONTRACTOR, GENERAL CONTRACTOR, ARCHITECTURAL REFLECTED CEILING PLAN, LIGHTING LAYOUT, ETC. TO ENSURE THAT THERE ARE NO CONFLICTS DURING INSTALLATION.
8. AT THE COMPLETION OF THE INSTALLATION, PROVIDE TWO MARKED UP COPIES OF THE TENDER DRAWINGS FOR RECORD PURPOSES.
9. ALL PIPING, DUCTWORK, AND EQUIPMENT SHALL BE SECURELY SUPPORTED FROM THE BUILDING STRUCTURE TO ACCEPTABLE BUILDING DESIGN STANDARDS. PERFORATED STRAP HANGERS WILL NOT BE PERMITTED. ALL PIPE HANGERS SHALL BE OVERSIZED WITH BOTTOM SADDLE WHERE EXTERIOR PIPE INSULATION IS USED.
10. PERMANENT SYSTEMS AND/OR EQUIPMENT SHALL NOT BE USED DURING THE CONSTRUCTION PERIOD WITHOUT WRITTEN PERMISSION FROM THE OWNER.
11. PROVIDE INSTRUCTIONS TO OWNER ON ALL SYSTEMS AND ASSOCIATED EQUIPMENT.
12. TESTING OF ALL SAFETY DEVICES SHALL BE CARRIED OUT BY THE MECHANICAL CONTRACTOR AND WITNESSED BY THE OWNER'S REPRESENTATIVE, SIGNED OFF AND FORWARDED TO THE O/M MANUAL.
13. MEET SAFETY REQUIREMENTS OF PROVINCIAL DEPARTMENT OF LABOUR AND LOCAL AUTHORITIES HAVING JURISDICTION.
14. A WRITTEN GUARANTEE COVERING ALL MATERIALS AND WORKMANSHIP FOR ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE OF THE ENTIRE CONTRACT, SHALL BE SUPPLIED BY THE CONTRACTOR. THIS GUARANTEE WILL NOT CANCEL LONGER WARRANTIES.
15. UPON COMPLETION OF THE WORK, THE ENTIRE JOB SITE SHALL BE CLEARED UP AND LEFT IN GOOD OPERATING CONDITION. THOROUGHLY CLEAN PIPING, DUCTWORK, AND EQUIPMENT OF DIRT, CUTTINGS AND OTHER FOREIGN SUBSTANCES.
16. ALL CUTTING AND PATCHING AND RELATED CONSTRUCTION WORK ARE TO BE PERFORMED BY THE GENERAL CONTRACTOR UPON INSTRUCTION FROM THE MECHANICAL CONTRACTOR.
17. ALL GALVANIZED DUCTWORK IS TO BE MANUFACTURED IN ACCORDANCE WITH CURRENT S.M.A.C.N.A. SPECIFICATIONS. ALL DUCTWORK IS TO BE SEALED WITH HIGH VELOCITY BRUSHED ON DUCT SEALANT.
18. ALL GALVANIZED DUCTWORK IS TO BE MANUFACTURED IN ACCORDANCE WITH CURRENT S.M.A.C.N.A. SPECIFICATIONS. ALL DUCTWORK IS TO BE SEALED WITH HIGH VELOCITY BRUSHED ON DUCT SEALANT.
19. PERMITS: CONTRACTOR IS RESPONSIBLE FOR GIVING ALL NECESSARY NOTICES, OBTAINING ALL NECESSARY PERMITS AND PAYING ALL APPLICABLE FEES.
20. ASSUME FULL RESPONSIBILITY FOR LAYING OUT ALL WORK AND ENSURE THAT NO DAMAGE IS CAUSED TO THE OWNERS EQUIPMENT AND PREMISES. PROTECT AND MAINTAIN ALL WORK UNTIL WORK HAS BEEN COMPLETED AND ACCEPTED BY THE OWNER AND ENGINEER.
21. ALL WIRING AND THE SUPPLY AND INSTALLATION OF STARTERS AND/OR DISCONNECT SWITCHES FOR EQUIPMENT SHALL BE BY THE ELECTRICAL CONTRACTOR (DIV 16)
22. SUPPLY AND INSTALL ULC FIRE DAMPERS/FIRE STOPS AT ALL FIRE RATED PENETRATIONS.
23. ACCESS DOORS REQUIRED TO GAIN ACCESS TO BALANCING DAMPERS AT FIRE-RATED CEILING - SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR.
24. BALANCING - CONTRACTOR WILL ENGAGE AN INDEPENDENT AIR BALANCING AGENCY.
 - a. SYSTEM TO BE ADJUSTED TO DATA PROVIDED.
 - b. BALANCING CONTRACTOR TO CONFIRM OPERATION OF COMPLETE MECHANICAL SYSTEM.
 - c. PROVIDE REPORT TO ENGINEER. (4 COPIES)

INSULATION:

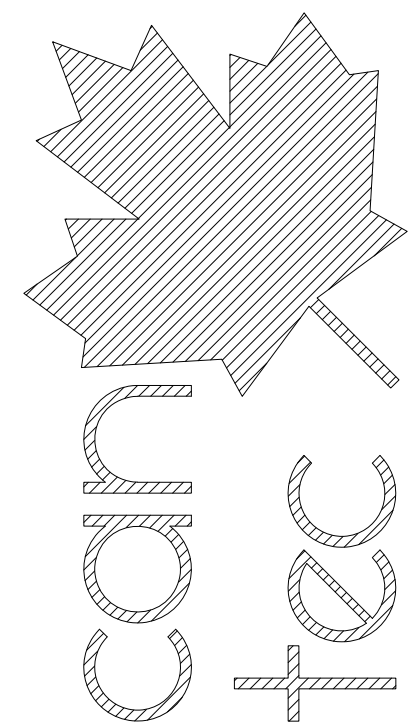
1. PROVIDE 1/2"(12mm) THICK, FOIL-FACED RIGID PRE-FORMED FIBREGLASS EXTERNAL THERMAL PIPE INSULATION ON ALL NEW NATURAL GAS PIPING FOR 10'(3000mm) ON THE WARM SIDE OF A PENETRATION THROUGH A WALL OR CEILING/ROOF TO A COLD SPACE.
2. PROVIDE 2"(50mm) THICK, FOIL-FACED RIGID(FIBREGLASS OR FIBREBOARD) OR FLEXIBLE FIBREGLASS EXTERNAL THERMAL INSULATION ON ALL NEW EXHAUST OR RELIEF DUCTWORK FOR 10'-0"(3.0M) ON THE WARM SIDE OF A PENETRATION THROUGH A WALL/FLOOR/CEILING/ROOF TO A COLD SPACE, WHERE A BACKDRAFT DAMPER IS PROVIDED AT THE PENETRATION TO THE COLD SPACE WHERE THE BACKDRAFT DAMPER IS PROVIDED IN THE DUCTWORK, INSULATION SHALL EXTEND FROM THE PENETRATION TO 10'-0"(3.0M) UPSTREAM OF THE BACK DRAFT DAMPER.
3. PROVIDE 1"(25mm) THICK, FOIL-FACED EXTERNAL THERMAL INSULATION ON ALL NEW SUPPLY AIR DUCT MAINS, EXCLUDING INDIVIDUAL RUN-OUTS TO DIFFUSERS. INSULATION SHALL BE FLEXIBLE FIBREGLASS, OR RIGID FIBREBOARD.
4. PROVED 2"(50mm) THICK, FOIL-FACED RIGID FIBREGLASS OR FIBREBOARD EXTERNAL THERMAL INSULATION ON ALL NEW OUTSIDE AIR INTAKE, MIXED AIR AND COMBUSTION AIR DUCTWORK, ROUND COMBUSTION AIR DUCTWORK MAY BE FLEXIBLE FIBREGLASS.

5. PROVIDE 3"(75mm) THICK, FOIL-FACED RIGID FIBREGLASS OR FIBREBOARD EXTERNAL THERMAL INSULATION ON ALL NEW DUCTWORK LOCATED OUTDOORS. PROVIDE WEATHERPROOFING EQUAL TO:
 - .1 PROVIDE DIMPLE FINISH .016 ALUMINUM JACKET OR GALVANIZED SHEET.
6. PROVIDE 1"(25mm) THICK, BLACK CELLULAR FOAM RUBBER INSULATION ON ALL REFRIGERATION PIPING, INSTALL USING PLASTIC WIRE TIES.
7. ALL JOINTS AND ELBOWS SHALL BE COMPLETELY INSULATED EXCEPT JOINTS AND ELBOWS MAY BE LEFT UNCOVERED ON HOT PIPING IN CONCEALED SPACES.
8. ALL VALVES AND UNIONS SHALL BE COMPLETELY INSULATED, EXCEPT VALVES AND UNIONS MAY BE LEFT UNCOVERED ON HOT PIPING IN CONCEALED SPACES.
9. SEAMS OF FOIL-FACED THERMAL INSULATION SHALL BE SEALED WITH ALUMINUM DUCT TAPE.
10. COVER BUTT JOINTS WITH A STRIP OF THE SAME MATERIAL AS THE JACKET.
11. FLEXIBLE INSULATION SHALL BE INSTALLED IN A MANNER THAT DOES NOT REDUCE ITS THICKNESS.

DUCTWORK

1. ALL DUCT DIMENSIONS DENOTE INTERNAL "FREE" AREA OF THE DUCT.
2. SHEET METAL DUCTWORK, HANGERS, FITTINGS, AND COMPONENTS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH "SMACNA" HVAC DUCT CONSTRUCTION STANDARDS LATEST EDITION AND "ASHRAE" EQUIPMENT GUIDE.
3. ALL DUCTWORK SHALL BE INSTALLED ACCORDING TO SMACNA STATIC PRESSURE CLASS + 500 PA STANDARDS.
4. ALL 90 DEGREE SQUARE TURN ELBOWS (WHICH HAVE NO CHANGE IN DIMENSIONS THROUGH TURN) SHALL HAVE DOUBLE THICKNESS TURNING VANES.
5. ROUND DUCT ELBOWS SHALL HAVE A RADIUS DIMENSION 1.5 TIMES THE WIDTH OF THE DUCT (IN THE PLANE OF THE TURN) TO THE CENTERLINE OF THE DUCT.
6. ALL EXHAUST AIR DUCTWORK SHALL BE INSULATED WITH 2" THICK FOIL FACED FIBERGLASS DUCT INSULATION FROM THE EXTERIOR WALL OR ROOF SURFACE TO A DISTANCE OF 6'-0" (MIN.) INTO THE BUILDING SPACE, EXCEPT AS INDICATED.
7. MECHANICAL CONTRACTOR SHALL INSTALL 4" (MIN.) FLEXIBLE CONNECTORS ON INLET AND DISCHARGE DUCTWORK OF EQUIPMENT.
8. ALL SUPPLY AIR DUCTWORK SHALL BE INTERIOR INSULATED WITH 1" ACOUSTIC INSULATION FOR THE FIRST 10' FROM THE FAN DISCHARGE, UNLESS INDICATED OTHERWISE. PROVIDE INTERIOR ACOUSTIC INSULATION FOR RETURN AIR DUCT FROM RETURN AIR GRILLE TO MIXING BOX.
9. PROVIDE BALANCING DAMPERS AS SHOWN AND AS REQUIRED TO ALLOW PROPER BALANCING OF THE SYSTEM. BALANCING DAMPERS SHALL BE PROVIDED FOR EACH SUPPLY AIR OUTLET AND RETURN/EXHAUST AIR INLET. DAMPERS MOUNTED AT GRILLES SHALL BE MULTI-BLADE TYPE. BUTTERFLY DAMPERS IN DUCTWORK SHALL BE CONSTRUCTED OF SHEET METAL TWO GAUGES HEAVIER THAN THE DUCTWORK. DUCT DAMPERS SHALL HAVE LOCKING QUADRANTS AND POSITION INDICATORS.
10. JOINT SEALS
SEAL JOINTS BETWEEN DUCTS, FITTINGS, ETC., WITH DURO-DYNE S-2 DUCT SEALER AND DURO-DYNE FIBERGLASS DUCT TAPE. APPLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
11. FITTINGS
MANUFACTURED BY UNITED, 90 DEGREE ELBOWS TO BE 5 PIECE MITRED, 8" DIA. OR LESS, 90 DEGREE ELBOWS CAN BE 1 PIECE MOLDED TYPE. USE CONICAL CONNECTIONS THROUGHOUT INSTALLATION.
12. FIRE DAMPERS
ULC LISTED BLADE POCKETS OUT OF AIR STREAM, "FIRE BARRIER" OR EQUAL. CEILING FIRE DAMPERS SHALL BE 'CONTROLLED AIR' MODEL CFSR-1 c/w CK2000 THERMAL BLANKET, ULC LISTED. ALL FIRE DAMPERS ARE TO BE DYNAMIC
13. ACCESS DOORS
PROVIDE ACCESS DOORS AS REQUIRED TO ACCESS AND MAINTAIN ALL VENTILATION EQUIPMENT, INCLUDING COILS, MOTORIZED DAMPERS, AND FIRE DAMPERS.
14. PIPING
REFRIGERANT PIPING TO BE INSULATED WITH 1/4" FLEXIBLE PIPE INSULATION AND WEATHER COATING WHERE REQUIRED.
15. ALL PENETRATIONS IN FIRE RATED SURFACES ARE TO BE SEALED WITH ELECTROVERT CLK CAULKING MATERIAL OR APPROVED EQUAL.
16. SUPPLY 4 SPARE FUSES AND LAMPS FOR ALL CONTROL PANELS.
17. SUPPLY LAMACODI NAME TAGS FOR ALL AIR HANDLING EQUIPMENT, THERMOSTATS, MOTORIZED DAMPERS AND PUMPS.
18. SUBMIT FOR ENGINEERS APPROVAL SHOP DRAWINGS OF ALL EQUIPMENT.
19. SUPPLY O&M MANUALS FOR EQUIPMENT SUPPLIED AND INSTALLED.
20. COMPLETE TRAINING TO BE SUPPLIED ON ALL THE EQUIPMENT SUPPLIED AND INSTALLED.

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SEALED BY:
INTERIOR/EXTERIOR RENOVATIONS - HOUSE 397

MECHANICAL SPECIFICATIONS

CHECKED BY: **RS**
 DRAWN BY: **RQS**
 SCALE: **AS NOTED**
 DATE (YY MM DD): **17 07 18**

LOCATION:
HOUSE V397(RED) RESOLUTE BAY, NUNAVUT

CONSTRUCTION

M1.1

REVISION #: **00**
 JOB NO.

17-001-01-10

00 ISSUED FOR CONSTRUCTION 17 07 18
 REV. # | REVISION | DATE (YY MM DD) | REV. BY

RESOLUTE BAY FACILITY BUILDING INTERIOR/EXTERIOR RENOVATIONS

RESOLUTE BAY, NUNAVUT CONSTRUCTION

DRAWING LIST:

- A2.0 MAIN FLOOR PLAN FLOORING
- A2.1 PARTIAL FLOOR PLAN - MAN GATE
- A2.2 EXTERIOR REPAIR DETAILS
- A2.3 EXTERIOR DOOR REPAIRS
- E1.0 ELECTRICAL PLAN



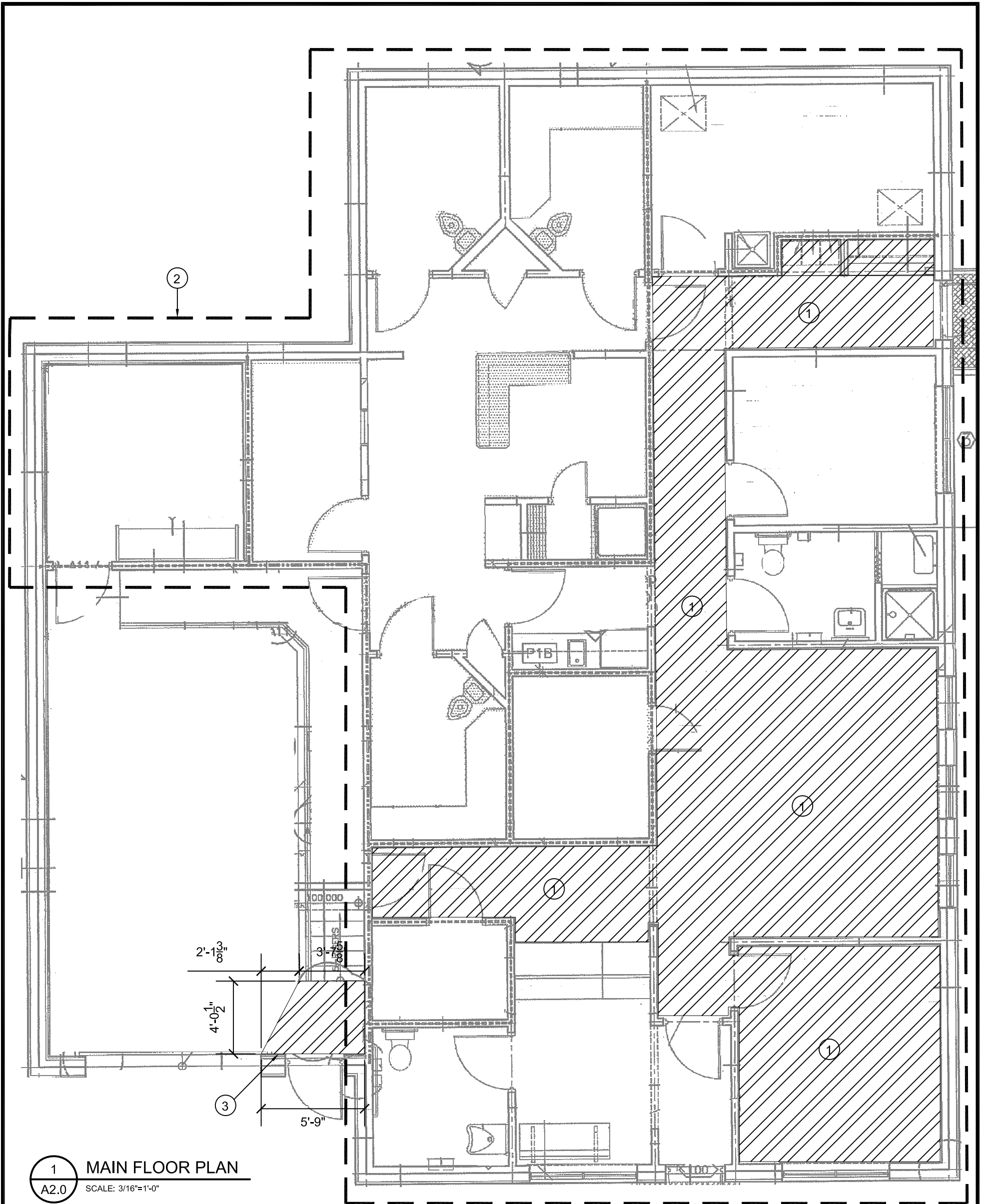
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RESOLUTE BAY FACILITY BUILDING
SHEET TITLE:
TITLE PAGE
PROJECT NUMBER:
17-001-01-10

REV. #	REVISION	DATE (YY MM DD)	REV. BY
00	ISSUED FOR CONSTRUCTION	17 07 18	RS

DETAIL NUMBER:

A0.0

SCALE:	DATE (YY MM DD):	REV NO:
-	17 07 18	00



1 MAIN FLOOR PLAN
A2.0 SCALE: 3/16"=1'-0"

DRAWING NOTES: #

1. REMOVE EXISTING CARPET FLOORING AND UNDERLAYMENT AND INSTALL NEW 1/4" UNDERLAYMENT AND RUBBER FLOORING. (RF-1)
2. ENTIRE FACILITY BUILDING FLOORING TO BE CLEANED AND BUFFED AFTER INSTALLATION OF NEW FLOORING.
3. REMOVE DAMAGED FLOORING, ADD NEW SUB-FLOOR AND INSTALL NEW FLOORING.

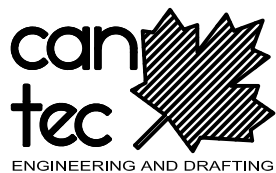
GENERAL NOTES:

1. CONTRACTOR TO SUPPLY NEW FLOOR SCRUBBER KARCHER MODEL BRS 40/1000 C
2. SUPPLY ONE CASE OF FLOOR WAX AND BUFFER PRODUCT.

LEGEND



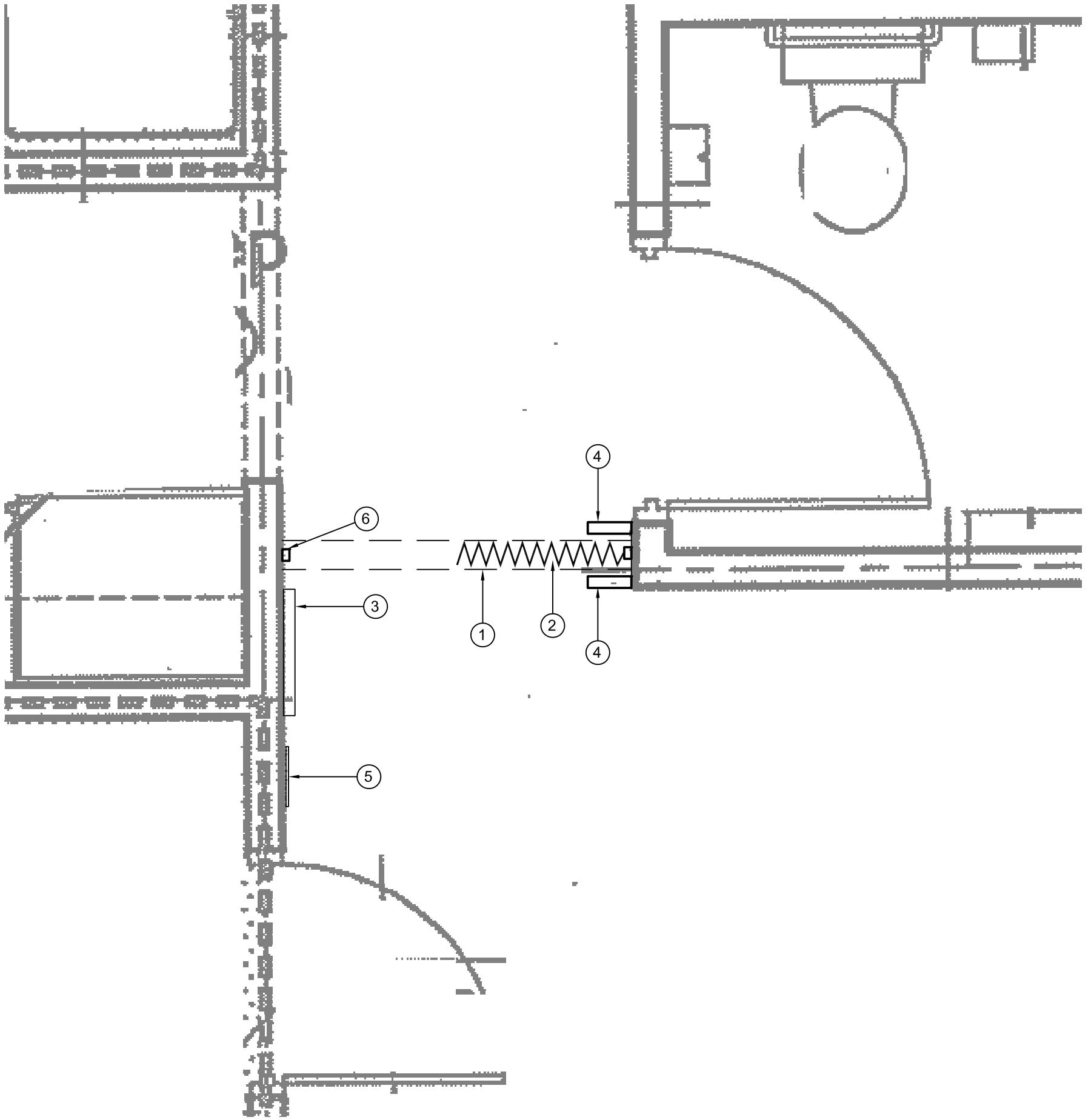
CARPET TO BE REMOVED AND RUBBER TILE INSTALLED



PROJECT TITLE:
RESOLUTE BAY FACILITY BUILDING
SHEET TITLE:
MAIN FLOOR PLAN - FLOORING
PROJECT NUMBER:
17-001-01-10

00	ISSUED FOR CONSTRUCTION	17 07 18	RS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

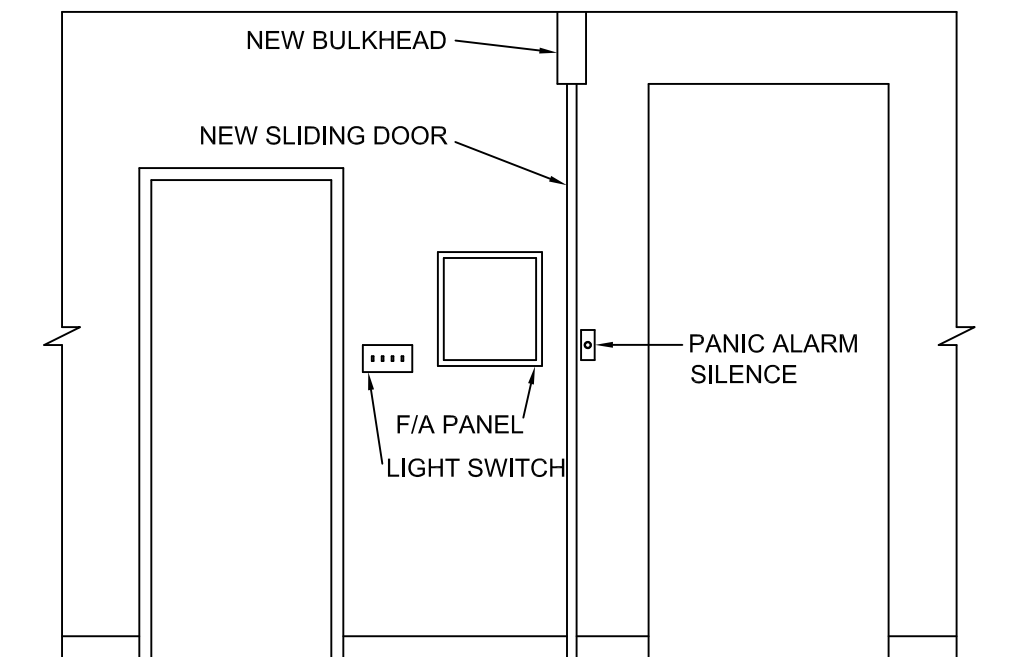
DETAIL NUMBER: A2.0		
SCALE: AS NOTED	DATE (YY MM DD): 17 07 18	REV NO: 00



1 PARTIAL MAIN FLOOR PLAN
A2.1 SCALE: 3/4"=1'-0"

DRAWING NOTES: #

1. INSTALL NEW BULKHEAD SECURE TO CEILING
BULKHEAD
1/2" DRYWALL
2X4 NO.2 SPRUCE STUDS @ 16" O.C.
1/2" DRYWALL
2. NEW ACCORDING GATE: STANDARD OF ACCEPTANCE: MOBILFLEX MODEL AEROFLEX(PERFORATED STEEL) FINISH STAINLESS STEEL. SUPPLY SHOP DRAWING FOR APPROVAL PRIOR TO ORDERING.
3. EXISTING FIRE ALARM PANEL.
4. CREATE POCKET (USE DRYWALL STUDS ON EDGE) FOR NEW ACCORDING DOOR. CONTRACTOR TO ADJUST FURNITURE AS NECESSARY TO ACCOMMODATE NEW POCKET.
5. EXISTING LIGHT SWITCH
6. EXISTING PANIC ALARM SILENCE



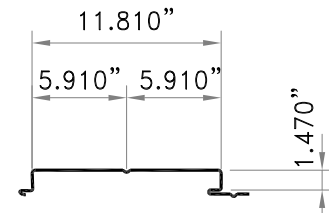
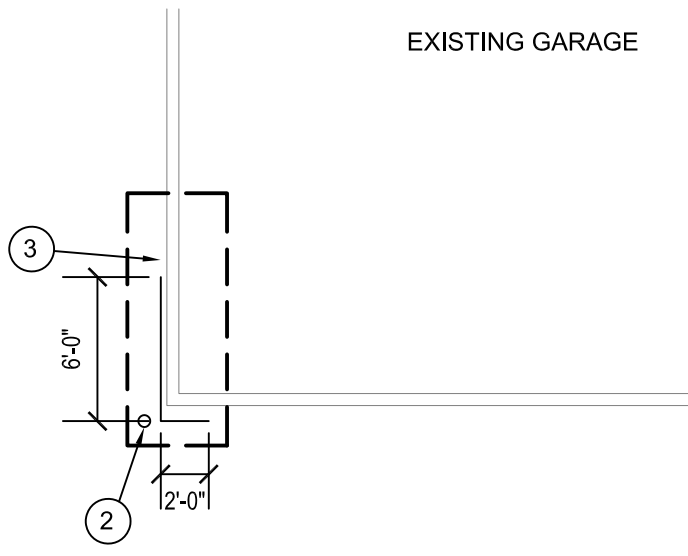
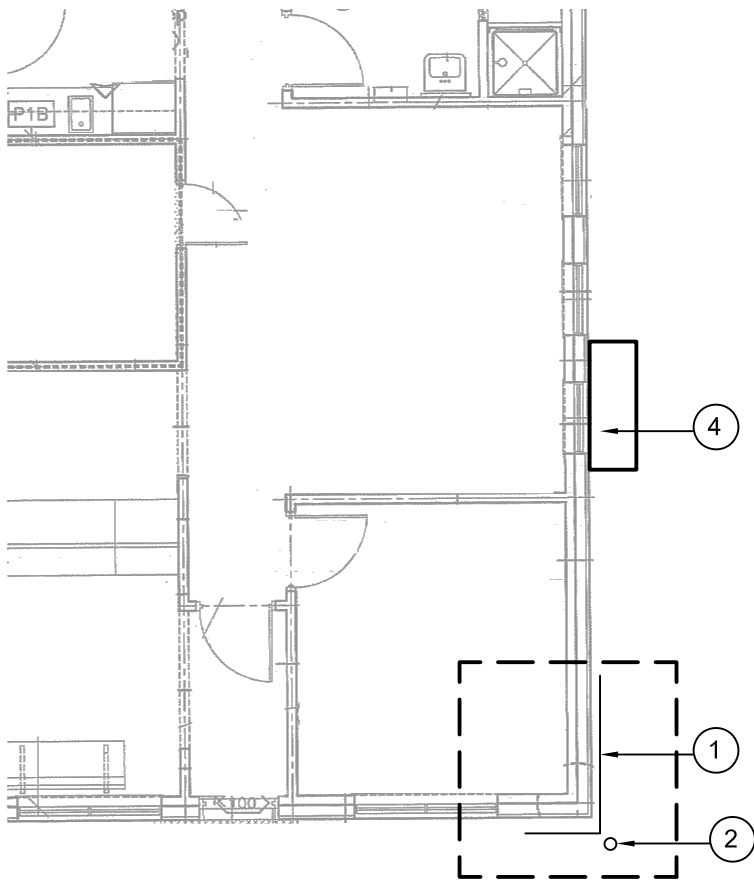
2 ELEVATION AT NEW SLIDING DOOR
A2.1 SCALE: 3/8"=1'-0"



PROJECT TITLE:
RESOLUTE BAY FACILITY BUILDING
SHEET TITLE:
PARTIAL MAIN FLOOR PLAN - MAN GATE
PROJECT NUMBER:
17-001-01-10

00	ISSUED FOR CONSTRUCTION	17 07 18	RS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

DETAIL NUMBER: A2.1		
SCALE: AS NOTED	DATE (YY MM DD): 17 07 18	REV NO: 00



STEEL WALL CLADDING VICWEST AD 300-R
(SITE VERIFY)

2 TYPICAL STEEL CLADDING PROFILE
A2.2 SCALE: 1"=1'-0"

1 MAIN FLOOR PLAN
A2.2 SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. NEW SIDING:
 - a) COLOR TO MATCH EXISTING SIDING.
 - b) PROFILE: VICWEST AD 300-R (SITE CONFIRM)
 - c) GAUGE: 26

DRAWING NOTES: (#)

1. REMOVE EXISTING PF STEEL SIDING AND REPLACE. SIZE AND PROFILE TO MATCH EXISTING. SEE DETAIL 1
2. INSTALL NEW BOLLARD SEE BOLLARD DETAIL
3. REMOVE EXISTING PF STEEL SIDING AND REPLACE. SIZE AND PROFILE TO MATCH EXISTING. SEE DETAIL 2
4. REMOVE EXISTING GOOSENECK AND REPLACE WITH NEW GALVANIZED 10 GAUGE GOOSENECK. NEW VENT TO HAVE REMOVABLE BIRD AND INSECT SCREEN. (PROVIDE SHOP DRAWING). EXTERIOR SCREWS ARE TO BE STAINLESS STEEL.



REMOVE EXISTING CORNER AND REPLACE

REMOVE AND REPLACE EXISTING PF STEEL SIDING FULL HEIGHT.

3 DETAIL 1
A2.2 SCALE: NTS



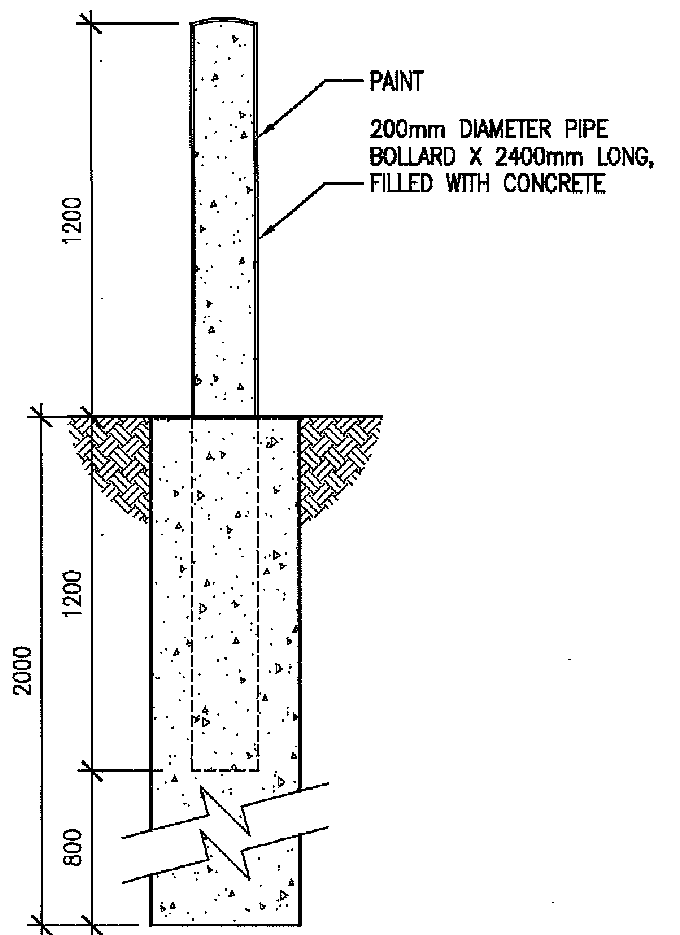
REPAIR FACE OF GARAGE

REPAIR CORNER

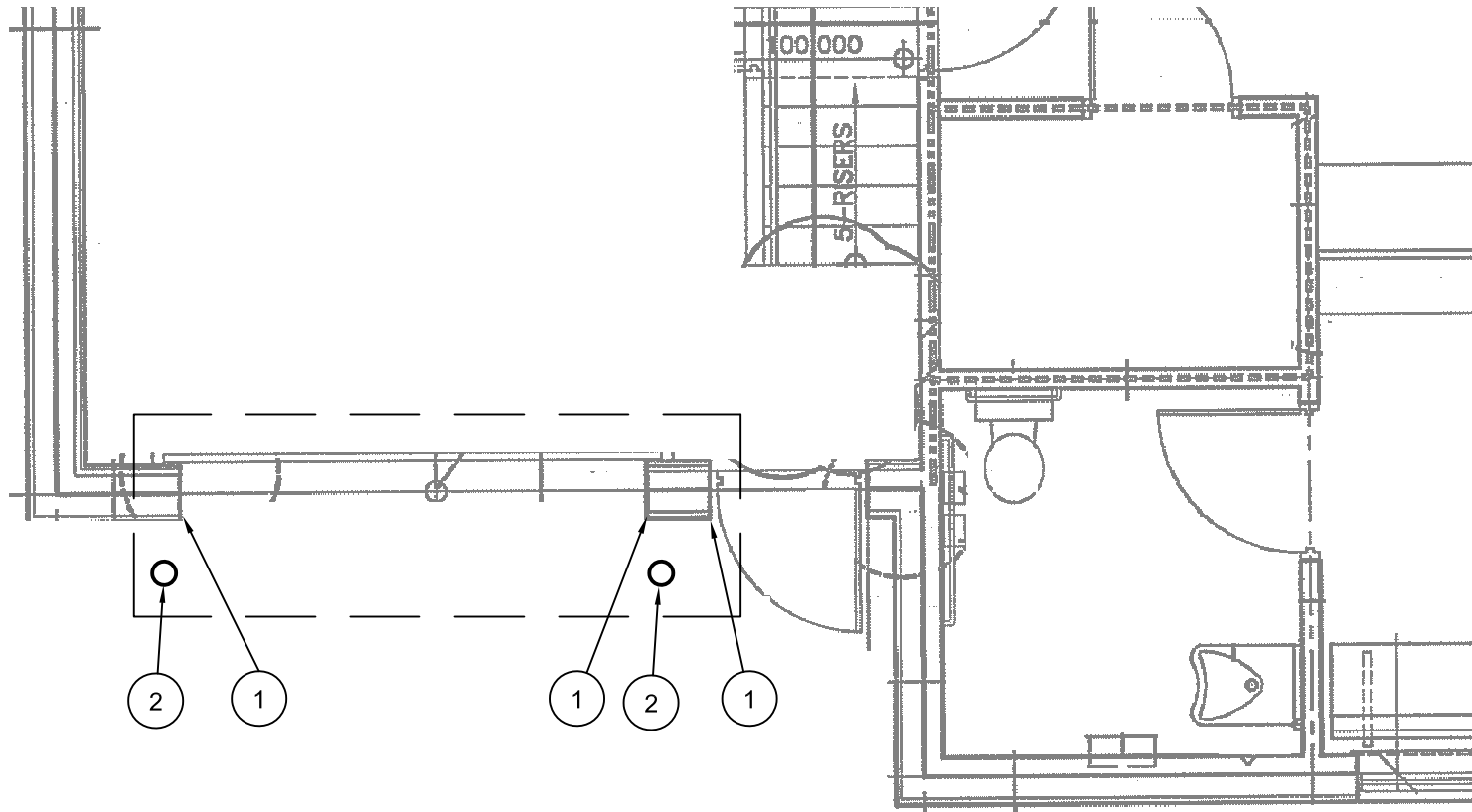
ADD WEATHER PROOF COVER

REPAIR DAMAGED EXISTING PF STEEL PANEL FULL HEIGHT

4 DETAIL 2
A2.2 SCALE: NTS



5 BOLLARD DETAIL
A2.2 SCALE: NTS



1 MAIN FLOOR PLAN
A2.3 SCALE: 1/4"=1'-0"

DRAWING NOTES: (#)

1. REMOVE EXISTING PF STEEL SIDING AND REPLACE WITH NEW. SIZE AND PROFILE TO MATCH EXISTING. SEE DETAIL 1 AND DETAIL 2
2. INSTALL NEW BOLLARD SEE BOLLARD DETAIL

GENERAL NOTES:

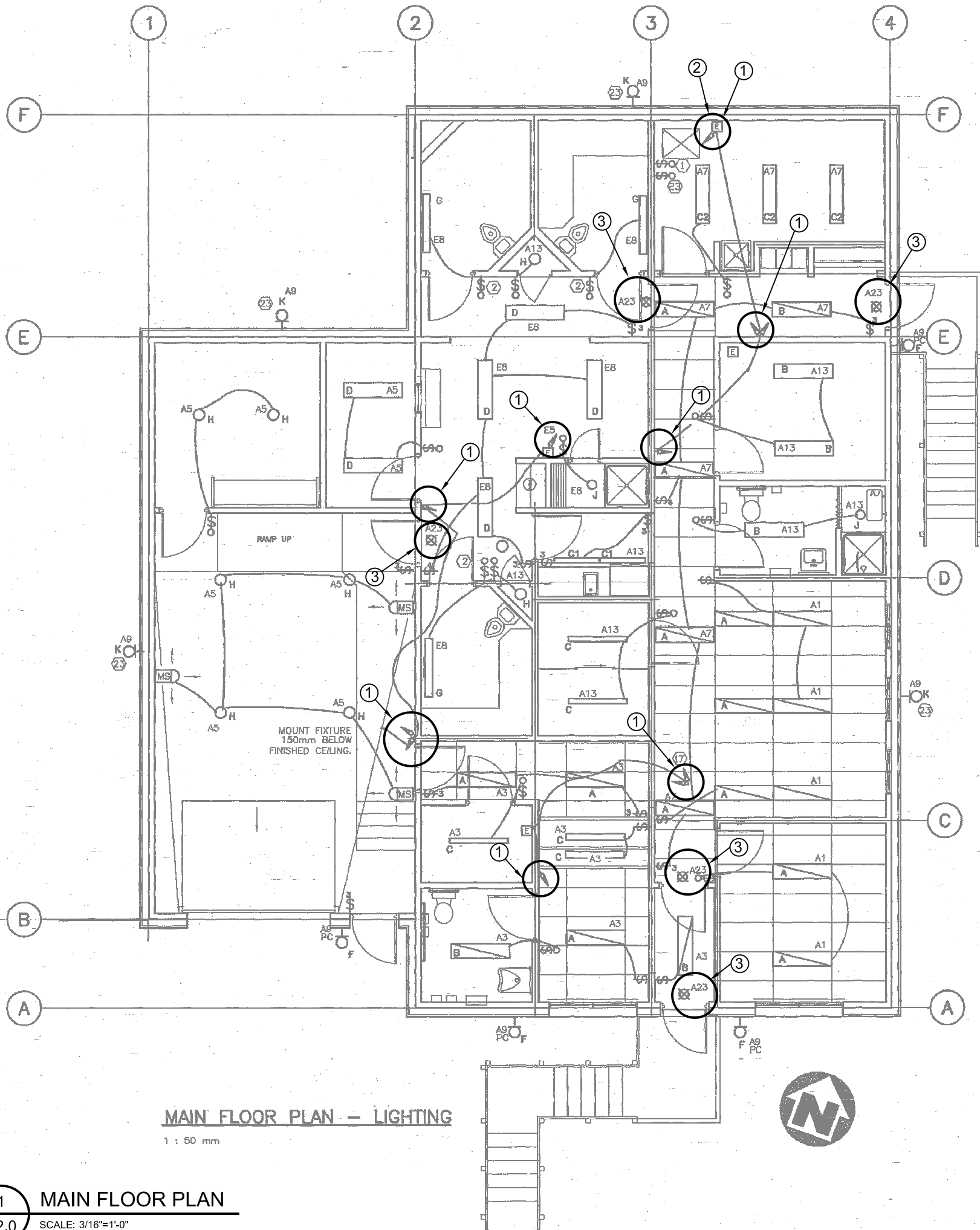
1. NEW SIDING:
 - a) COLOR TO MATCH EXISTING SIDING.
 - b) PROFILE: VICWEST AD 300-R (SITE CONFIRM)
 - c) GAUGE: 26



1 DETAIL 1 - DAMAGED GARAGE DOOR
A2.3 SCALE: NTS



1 DETAIL 2 - DAMAGED GARAGE DOOR
A2.3 SCALE: NTS



MAIN FLOOR PLAN – LIGHTING

1 : 50 mm

1 MAIN FLOOR PLAN
A2.0 SCALE: 3/16"=1'-0"

DRAWING NOTES: (#)

1. REMOVE AND REPLACE EXISTING EMERGENCY REMOTE HEADS WITH NEW LED HEADS.
2. INSTALL 3 NEW 12V BATTERY PACKS RATED FOR AN OUTPUT OF 200W/30 MIN.
3. INSTALL 5 NEW EXIT LIGHTS. CONTRACTOR IS TO TAKE AN EXTRA EXIT LIGHT AND STORE IN DETACHMENT.

SPECIFICATIONS:

1. REMOTE HEADS: LUMACELL : RSQBD-LD9
2. EXIST SIGNS: LUMACELL LA3AU
3. BATTERY PACK: RG12-144-QB-2-LD9

NOTES:

1. SITE VERIFY ALL COMPONENTS LOCATIONS



PROJECT TITLE:
RESOLUTE BAY FACILITY BUILDING

SHEET TITLE:
ELECTRICAL PLAN

PROJECT NUMBER:
17-001-01-10

00	ISSUED FOR CONSTRUCTION	17 07 18	RS
REV. #	REVISION	DATE (YY MM DD)	REV. BY

DETAIL NUMBER:

E1.0

SCALE: AS NOTED	DATE (YY MM DD): 17 07 18	REV NO: 00
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