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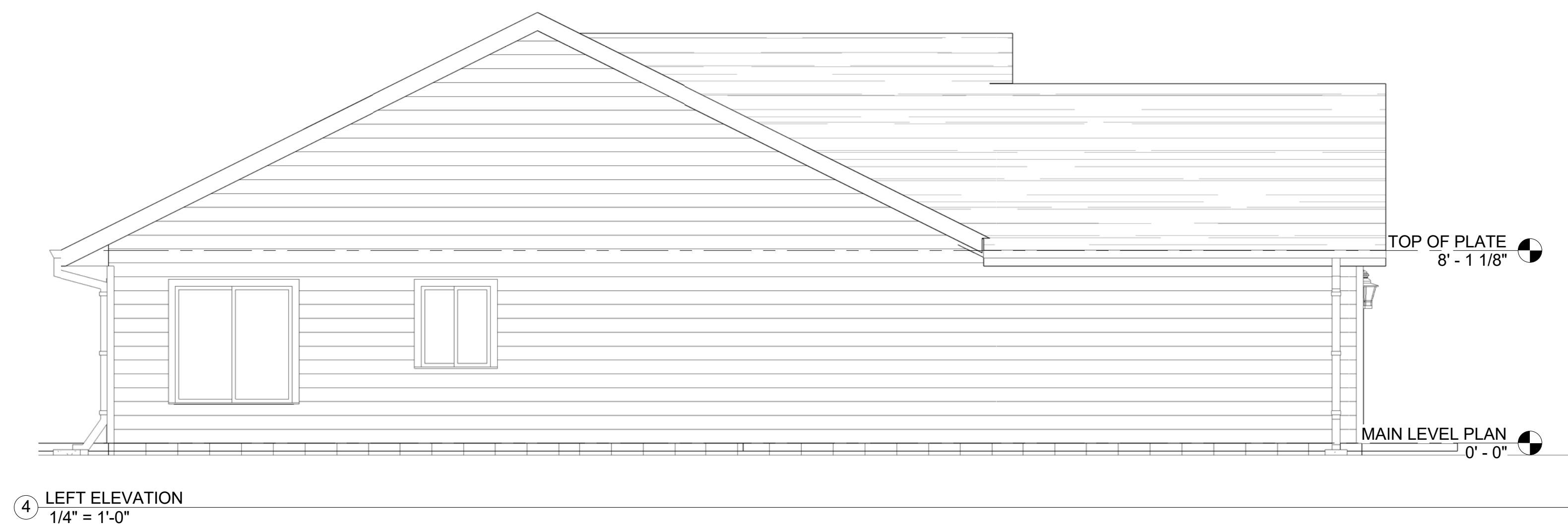
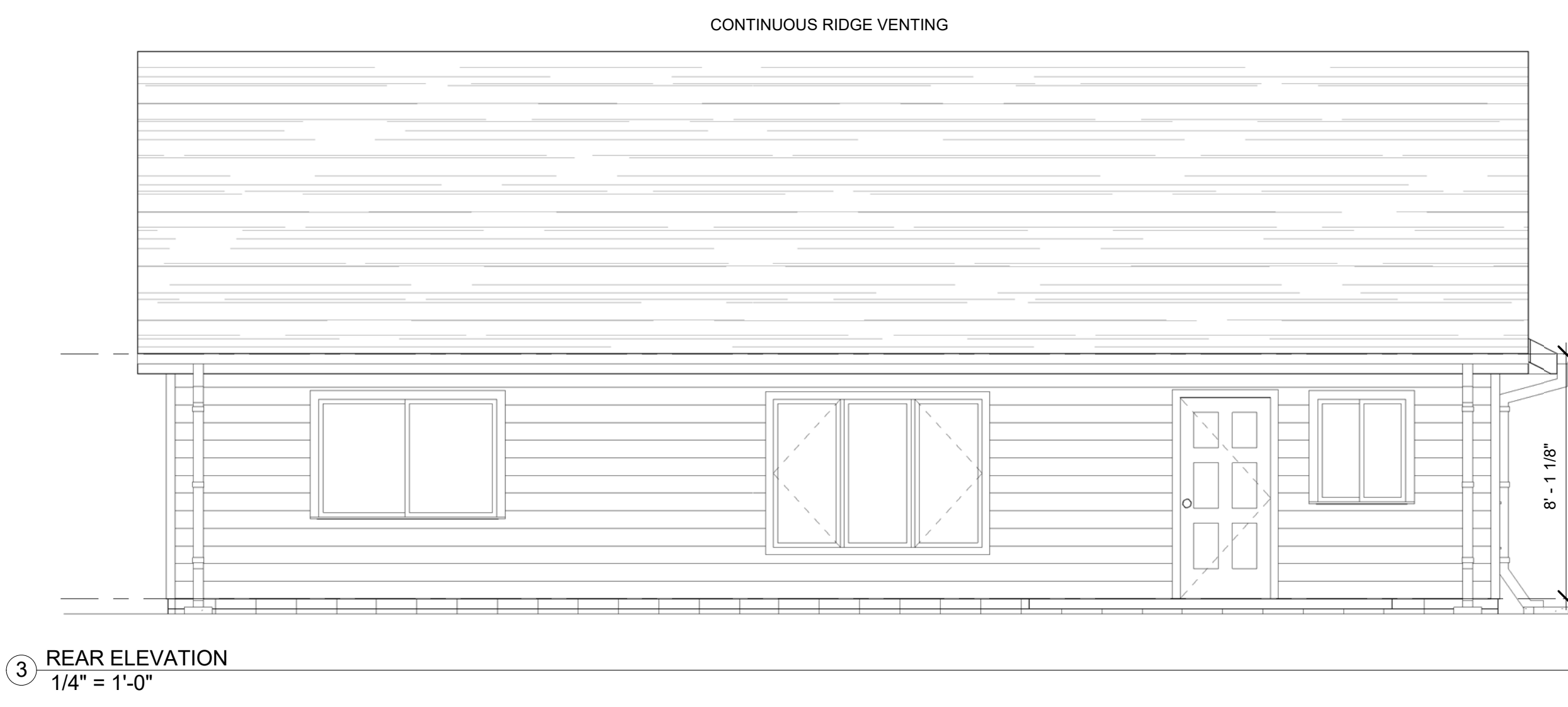
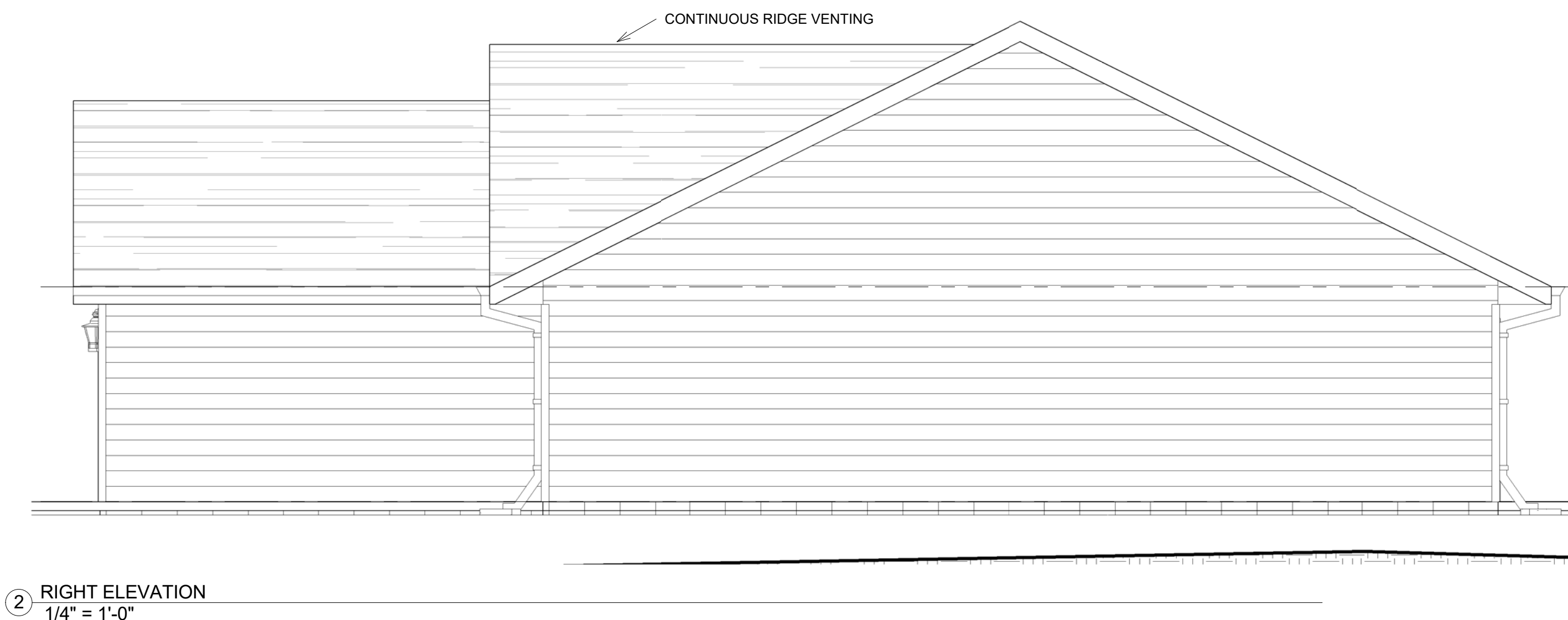
Date	7-25-16
Drawn by	JAMISEN SWENSON

Scale	1/4" = 1'-0"
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CONSTRUCTION WARRANTIES:

INSTRUCTION WARRANTIES:

BECAUSE OF THE IMPOSSIBILITY OF PROVIDING PERSONAL AND "ON SITE" CONSULTATION, AND CONTROL OVER THE CONSTRUCTION AND BECAUSE OF THE GREAT VARIANCE IN WEATHER CONDITIONS, THE DESIGNER ASSUMES NO RESPONSIBILITY FOR ANY DAMAGES, INCLUDING STRUCTURAL FAILURES DUE TO ANY DEFICIENCIES, OMISSIONS, OR ERRORS IN THE CONTRACT DOCUMENTS. THE OWNER SHALL BE RESPONSIBLE FOR VERIFYING DIMENSIONS, MATERIALS, AND FINISHES PRIOR TO THE START OF CONSTRUCTION. THE OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING AND DELIVERY OF MATERIALS. SUFFICIENT OPENINGS, PLAN CHANGES AND SPECIFICATIONS THAT MAY AFFECT ORDERING AND DELIVERY OF MATERIALS.





CONSTRUCTION DOCUMENTS

[illegible]

MILLELACS BAND OF
OJIBWE
BLUE SPRUCE

FOUNDATION PLAN

Date	7-25-16
Drawn by	JAMISEN SWENSON

A102

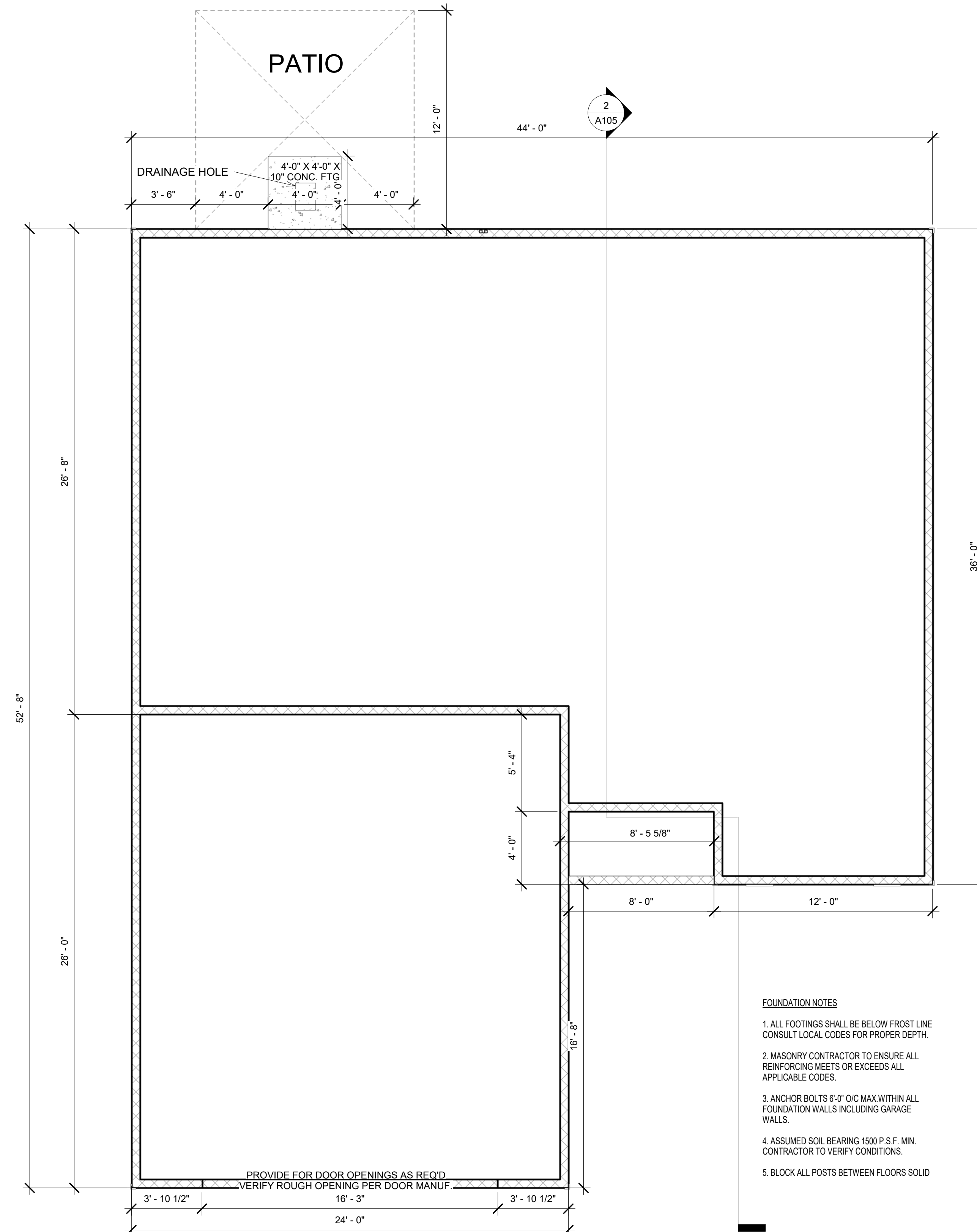
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7/25/2016 5:27:15 PM



1 FOUNDATION PLAN
1/4" = 1'-0"



CONSTRUCTION DOCUMENTS

[illegible]

MILLELACS BAND OF
OJIBWE
BLUE SPRUCE

MAIN FLOOR PLAN

Date	7-25-16
Drawn by	JAMISEN SWENSON

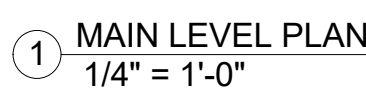
A103

Scale	As indicated
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7/25/2016 5:27:35 PM

CONSTRUCTION WARRANTIES:

CONTRACTOR WARNING:
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MAIN AREA
1315 SF

NOTE:
ALL EXTERIOR DIMENSIONS
ARE TO FACE OF SHEATHING &
EXTERIOR OF FOUNDATION
WALL, INTERIOR WALL DIMENSIONS TO
(FACE) OF FINISH GYPSUM BD.

NOTE:
WALLS LESS THAN 4'-0" LONG
(NARROW WALL) NEED TO
COMPLY WITH INTERIOR BRACING,
ANCHOR BOLT & TIE DOWN
REQUIREMENTS PER CODE.



HOME OF THE PROFESSIONALS
LE SUEUR 507-665-6426

CONSTRUCTION DOCUMENTS



DRAFTING SOLUTIONS
1511 BEAVER AVE.
MANKATO, MN 56001
(507)351-4609
DRAFTING.SOLUTIONS

No.	Description	Date

MILLELACS BAND OF
OJIBWE
BLUE SPRUCE

ELECICAL PLAN

Date 7-25-16
Drawn by JAMISEN SWENSON

A104

Scale 1/4" = 1'-0"

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GENERAL PLAN NOTES

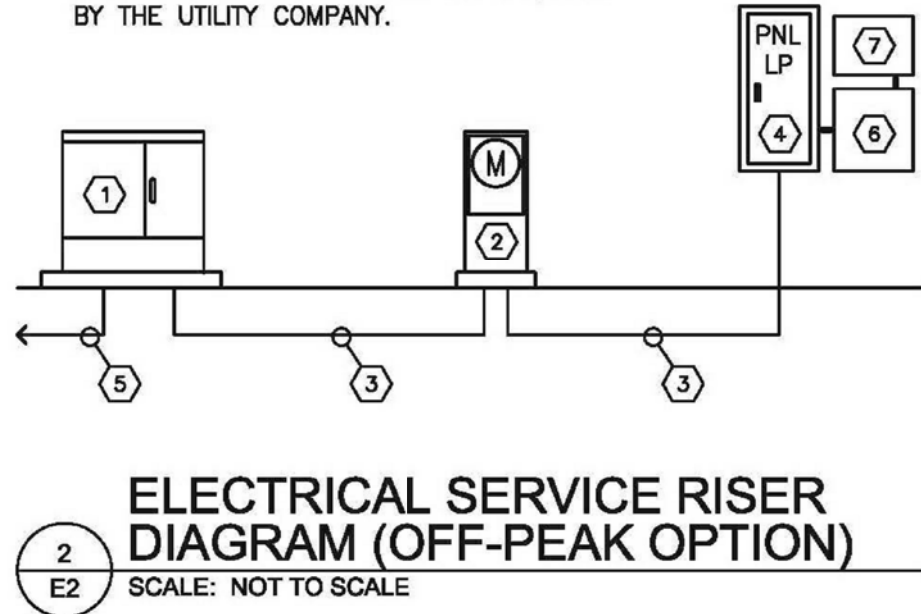
- ALL ELECTRICAL DEVICES AND/OR EQUIPMENT SHALL BE INSTALLED WITH MOUNTING HEIGHTS AS INDICATED BY THE SPECIFICATIONS, UNLESS INDICATED OTHERWISE BY THE DRAWINGS.
- ALL DUPLEX RECEPTACLES INSTALLED IN BATHROOMS AND AT KITCHEN COUNTERS, SHALL BE GFCI PROTECTED.
- ALL CIRCUIT BREAKERS SERVING BEDROOM LIGHTING, AND RECEPTACLE BRANCH CIRCUITS SHALL BE OF THE ARC FAULT PROTECTION TYPE.
- DEVICE LOCATIONS, MOUNTING HEIGHTS, ETC. SHALL BE COORDINATED WITH THE ARCHITECTURAL SECTIONS AND ELEVATIONS, PRIOR TO ROUGH-IN INSTALLATION.
- ALL UNIT SMOKE DETECTORS SHALL BE TIED TOGETHER, SUCH THAT THE ACTIVATION OF ANY ONE DETECTOR, WILL CAUSE ALL DETECTORS TO GO INTO ALARM.
- BRANCH CIRCUITING REQUIREMENTS SHALL BE PROVIDED AS INDICATED BY THE PANELBOARD SCHEDULE.
- WHERE TELEPHONE AND TELEVISION OUTLETS ARE LOCATED IN CLOSE PROXIMITY TO THE OTHER, OUTLETS SHALL BE COMBINED IN A SINGLE OUTLET BOX WITH COMBINATION COVERPLATE.
- WHERE CITY WATER IS AVAILABLE - THE CONNECTION FOR THE WELL WILL NOT BE REQUIRED.

ELECTRICAL PLAN NOTES

- SWITCHED RECEPTACLE - SWITCH TOP HALF OF DUPLEX RECEPTACLE AS INDICATED AND/OR REQUIRED.
- ELECTRIC RANGE - 40A, 240V-1PH RECEPTACLE AT 24" A.F.F.
- RANGE HOOD/MICROWAVE - 20A, 120V-1PH CONNECTION AT 60" A.F.F.
- DISHWASHER - 20A, 120V-1PH CONNECTION AT 24" A.F.F.
- CLOTHES WASHER - 20A, 120V-1PH DUPLEX RECEPTACLE INSTALLED AT 48" A.F.F.
- CLOTHES DRYER - 30A, 240V-1PH RECEPTACLE INSTALLED AT 48" A.F.F.
- GARAGE DOOR OPERATOR - 20A, 120V-1PH RECEPTACLE MOUNTED ON CEILING. CONTROLS BY EQUIPMENT SUPPLIER/INSTALLER.
- DOORBELL SYSTEM - PUSHBUTTON STATION, TRANSFORMER, AND CHIME. NUTONE DOORBELL SYSTEM #CD-110ND, OR APPROVED EQUAL.
- TELEPHONE AND TELEVISION SERVICE DEMARCATION TERMINAL BOARD. STUB OUT 1" C (EMPTY) BELOW GRADE TO 5'-0" OUTSIDE BUILDING FOR SERVICE ENTRANCE CABLING.
- INSTALL OUTLETS/DEVICES IN FACE OF COUNTER AS REQUIRED. COORDINATE EXACT DEVICE LOCATIONS WITH THE ARCHITECTURAL SECTIONS AND DETAILS.

ELECTRICAL SERVICE RISER DIAGRAM NOTES

- UTILITY COMPANAY PAD MOUNTED TRANSFORMER. PROVIDE RISER CONDUIT AND WEATHERHEAD FOR UTILITY OPTION OF POLE MOUNTED TRANSFORMER. COORDINATE LOCATION WITH UTILITY COMPANY.
- PEDESTAL MOUNTED METER SOCKET AND METER LOCATED ADJACENT TO UTILITY TRANSFORMER AS REQUIRED BY THE UTILITY COMPANY. (22,000 AIC - VERIFY WITH UTILITY)
- UNDERGROUND FEEDER - 200A, SINGLE PHASE, THREE WIRE PLUS GROUND.
- LOADCENTER - 200A, SINGLE PHASE, THREE WIRE - PROVIDE AS REQUIRED BY THE DRAWINGS AND AS SCHEDULED. (22,000 AIC - VERIFY WITH UTILITY)
- PRIMARY FEEDER - BY THE UTILITY COMPANY.
- DEDUCTIVE METERING CT CABINET FOR OFF-PEAK WATER HEATER AND BOILER. PROVIDE CT'S, ETC. AND METER, AND INTERCONNECT AS REQUIRED BY THE UTILITY COMPANY.
- RELAY(S) TO CONTROL OFF-PEAK WATER HEATER AND BOILER. PROVIDE CONTROL RELAY OR RELAYS, AND RADIO OR TELEPHONE RECIEVER AND INTERCONNECT AS REQUIRED BY THE UTILITY COMPANY.



ELECTRICAL SERVICE RISER
DIAGRAM (OFF-PEAK OPTION)
SCALE: NOT TO SCALE

PANELBOARD NO.

LP

LOCATION

Garage

VOLTAGE

120/240

MAINS

200A MCB

PHASE

1

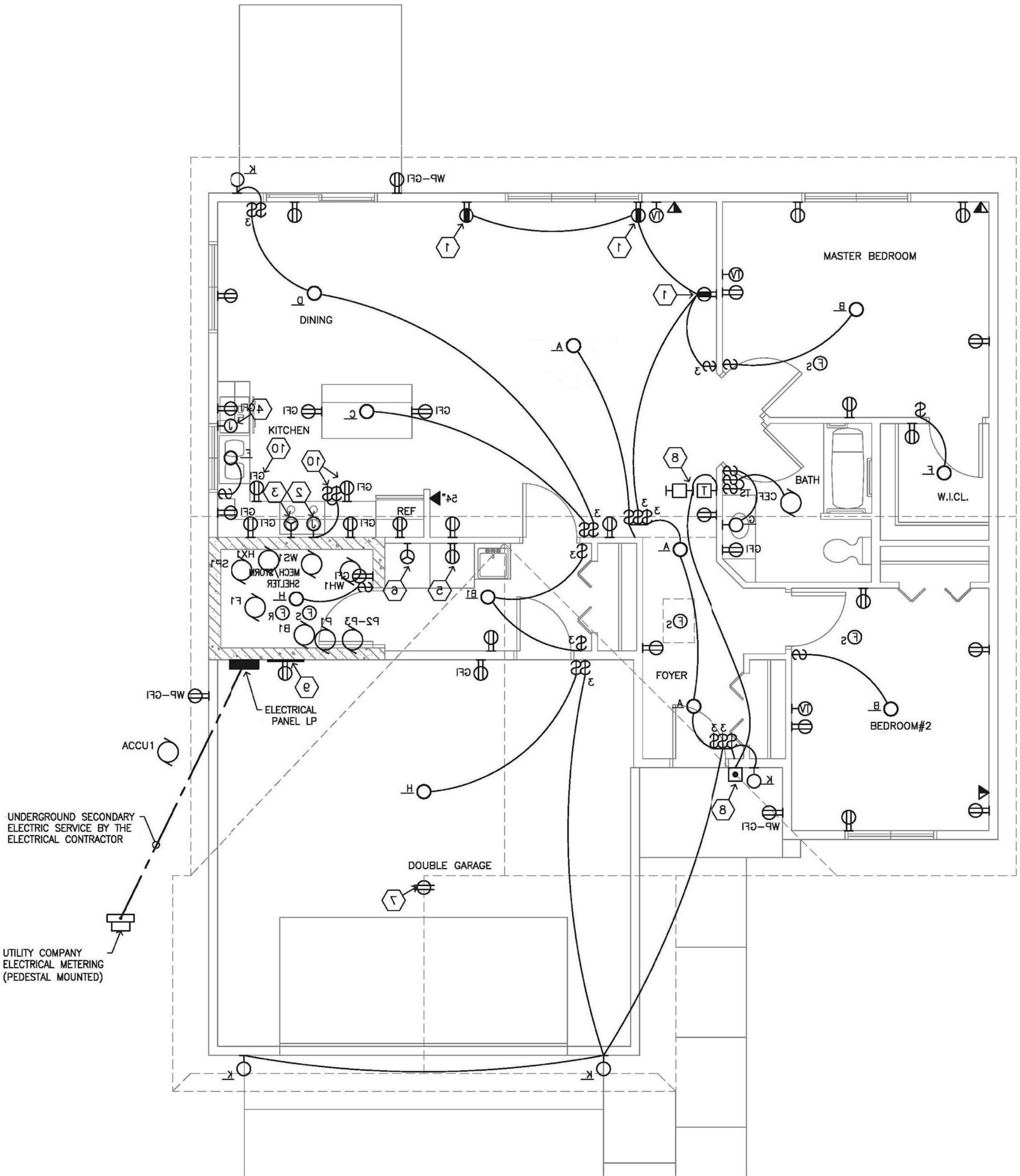
MOUNTING

Surface

WIRE

3

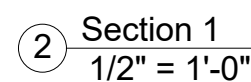
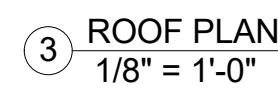
C.B. NO.	C.B. SIZE	LOAD IN KW					DESCRIPTION	PHASE		DESCRIPTION	LOAD IN KW					C.B. NO.	C.B. NO.
		LTG	RECP	MTR	HEAT	OTHER		A	B			OTHER	HEAT	MTR	RECP	LTG	
1	20/1	0.3	0.5	-	-	-	Exterior Ltg/Receptacles	4.8	-	Range	-	-	-	4.0	-	40/2	2
3	20/1	-	0.2	-	-	-	Bathroom Receptacles	-	4.2	Microwave/Hood	-	-	-	4.0	-	40/2	4
5	15/1	0.6	0.4	-	-	-	Dining/Kitchen/Utility/MechRm	2.6	-	Sm Appliance (Alternating)	-	-	0.1	1.4	0.1	20/1	6
7	15/1	-	0.9	0.2	-	-	Living Room	2.0	2.0	Sm Appliance (Alternating)	-	-	-	0.9	-	20/1	8
9	15/1	0.2	1.1	-	-	-	Master Bedroom/Walk-In	2.0	-	Sm Appliance (Alternating)	-	-	-	0.7	-	20/1	10
11	15/1	0.2	0.9	-	-	-	Bedroom 2	-	2.3	Dishwasher	-	-	-	1.2	-	20/1	12
13	15/1	0.5	0.5	0.3	-	-	Bathroom/Foyer/Garage	1.7	-	Dining Rm Receptacles	-	-	-	0.4	-	20/1	14
15	15/1	-	-	-	-	-	Spare	-	1.2	Garage Door Operator	-	-	-	1.2	-	20/1	16
17	15/1	-	-	-	-	-	Spare	1.5	-	Clothes Washer	-	-	-	1.5	-	20/1	18
19	15/1	-	-	-	-	-	Spare	-	2.3	Clothes Dryer	-	-	-	2.3	-	30/2	20
21	15/1	-	-	-	-	-	Spare	2.3	-	-	-	-	-	2.3	-	30/2	22
23	15/1	-	-	-	-	-	Spare	-	2.3	Condensing Unit ACCU1	-	-	2.3	-	-	30/2	24
25	15/1	-	-	-	-	-	Spare	2.3	-	-	-	-	2.3	-	-	30/2	26
27	15/1	-	-	-	-	-	Spare	-	1.2	Furnace F1	-	-	-	1.2	-	20/1	28
29	15/1	-	-	-	-	-	Spare	-	0.2	Heat Exchanger HX1	-	-	-	0.2	-	20/1	30
31	20/1	-	1.0	-	-	-	Pumps P1, P2 & P3	2.0	-	Water Soft W51/Sump SP1	-	-	-	1.0	-	20/1	32
33	70/2	-	-	-	6.8	-	Boiler B1	6.8	-	Spare	-	-	-	-	-	20/1	34
35	-	-	-	-	6.8	-	Spare	-	6.8	Spare	-	-	-	-	-	20/1	36
37	30/2	-	-	-	2.3	-	Water Heater WH1	2.5	-	Telephone/TV Terminal	-	-	-	0.2	-	20/1	38
39	-	-	-	-	2.3	-	-	-	3.5	Well WL	-	-	-	1.2	-	20/1	40
		1.8	4.5	1.5	18.2	0.0	TOTALS	26.7	27.8	TOTALS	0.0	0.0	8.3	19.9	0.1		



1
E2
MAIN LEVEL FLOOR PLAN - ELECTRICAL
SCALE: 1/4" = 1'-0"

CEILING HEIGHT: 8' 1 1/8", MIN OF 7'-0" - MAIN FLR (UNLESS OTHERWISE NOTED)
MIN 7'-0" CLEAR HORN UNDER DUCTS
VENT CLOSETS - 6" GAL MAX
EXHAUST FAN - VENT DIRECTLY OUTSIDE
SMOKE DETECTOR CONNECTED TO A SOUNDING
DEVICE OF OTHER DETECTOR AUDIBLE IN
SLEEPING AREAS - MUST BE HARDWIRED
TO THE INTERCONNECT CIRCUIT
FIRE STOP ALL KIT SOFFITS, FIRE STOP STUD @ 10'
INTERVALS (NO HINGE POINT) AND AT CEILING LINE
BEDROOM WINDOWS: FIRE EXIT REQ'D, 20" MIN
CLEAR, 24" MIN CLEAR HEIGHT, 5' 0" SQ
FT MIN OPENING, 44" MAX SILL HEIGHT
STAIRS: 8" MAX RISE, 9" MIN TREAD, HANDRAIL
34"-38" HEIGHT, CONTINUOUS & UNINTERRUPTED
THE FULL LENGTH OF STAIRS: HANDRAIL ENDS
STAIR RETURN TO HANDRAIL, TERMINATE IN A
NEWEL POST OR SAFETY TERMINAL, MIN
HEADROOM IS 6'-8"
GUARDRAILS: UNENCLOSED FLR & ROOF OPENGS,
OPEN & GLAZED SIDES, BALUSTERS, RAMPS,
BALCONIES, DECKS OR PORCHES WHICH ARE MORE
THAN 30" ABOVE GRADE OF FLR BELOW, REQ. A
GUARDRAIL W/ A MIN 36" HGT. OPEN GUARDRAILS
MUST HAVE INTERMEDIATE RAILS OR AN ORNAMENTAL
GAT AT A SPHERE 4" IN DIAMETER CANNOT
PASS THROUGH.
HANDRAILS: ON STAIRS W/ 4 OR MORE RISERS A
CONTINUOUS, UNINTERRUPTED HANDRAIL IS REQ'D ON
BOTH SIDES. MUST BE 34" HIGH & RAIL ENDS OR
TERMINATE IN A NEWEL POST. HANDRAILS SHALL
BE 1 1/4" - 2" IN DIAMETER
PROVIDE ATTIC VENTILATION EQUAL TO 1 / 150TH ATTIC
AREA. IF 50% OR MORE IS PROVIDED IN UPPER
PORTION OF ATTIC, REMAINDER IS PROVIDED IN
SOFFIT VENTS. IT MAY BE REDUCED TO 1/300TH
ATTIC AREA.

MAINTAIN MINIMUM OF 6" B/W WIDTH OF HALLWAYS AND STAIRWAYS
 DECKS, STAIRS, AND PORCHES: ALL STRUCTURAL MEMBERS
 MUST BE APPROVED WOOD OF NATURAL RESISTANCE
 TO DECAY OR TREATED
 ALL 2 X 10 OF HEADERS UNLESS OTHERWISE NOTED
 ALL BEAMS TO BE SIZED BY MANUFACTURER
 GARAGE NOTE: (SEE BRACED WALL DETAIL) WALLS LESS THAN 32" IN
 LENGTH SHALL BE SHEATHED ON BOTH SIDES AND SHALL
 HAVE A TIE-DOWN DEVICE FASTENED TO THE FOUNDATION
 SUPPLIER TO PROTECT THE TIE RODS FROM CORROSION
 PROVIDE OUTSIDE COMBUSTION AIR DUCT TO 12"
 OF FLOOR
 (IF APPLICABLE) FURNACE FLUE TO BE FIRE STOPPED AT EVERY FLOOR
 AND CEILING LEVEL AND MAINTAIN THE PROPER
 CLEARANCE
 8" MAX BETWEEN TOP OF THRESHOLD AND 1ST GARAGE
 STEP, 1 1/2" MAX THRESHOLD
 ALL STAIRWAYS TO BE PROVIDED W/ ILLUMINATION
 IF FOUNDATION WALLS ARE PARALLEL TO FLR FRAMING,
 SOLID BLOCKING OR DIAGONAL BRACING MUST BE
 INSTALLED TO THE ANCHOR BOLT LOCATIONS IN THE
 1ST & 2ND JOIST OR TRUSS SPACES
 MINIMUM WOOD TO EARTH SEPARATION 6"
 R703.2 A IN OF 1 LAYER OF NO. 15 ASPHALT FELT
 COMPLYING W/ ASTM D 226 FOR TYPE 1 FELT OR
 OTHER APPROVED W/ OTHER APPROVED MATERIAL SHALL
 BE APPLIED OVER SHEATHING ON ALL EXTERIOR WALLS.
 APPLY HORIZONTALLY W/ THE UPPER LAYER LAPPED
 OVER THE LOWER LAYER NOT LESS THAN 2". WHERE
 JOINTS OCCUR, FELT TO BE LAPPED NOT LESS THAN
 8". BUILDING PAPER OR OTHER APPROVED MATERIAL
 TO BE CONT. UP TO THE UNDERSIDE OF THE RAFTER
 OR TRUSS TOP CHORD & TERMINATED AT PENETRATIONS,
 UNLESS PROHIBITED BY SHEATHING OR SIDING MANUFACTURER
 R319.3 FASTENERS FOR PRESSURE-PRESERVATIVE TREATED
 WOOD SHALL BE OF HOT-DIPPED GALVANIZED STEEL,
 STAINLESS STEEL, ALUMINUM BRONZE OR COPPER
 EXCEPTION: ONE-HALF INCH (12.7MM) DIAMETER OR
 GREATER STEEL BOLTS.
 VERIFY SLOPE OF GRADE ON SITE
 2 X 6 SPF TRIMMERS UNLESS OTHERWISE NOTED
 (SEE TRUSS MANUFACTURER FOR POINT LOADS)
 PLUMBER AND ELECTRICIAN TO INSTALL WASHER/DYER
 HOOKUPS AND VENTING ON MAIN FLR AS PER PLAN.



CONSTRUCTION DOCUMENTS



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[illegible]

MILLELACS BAND OF
OJIBWE
BLUE SPRUCE

DETAILS

Date	7-25-16
Drawn by	JAMISEN SWENSON

A105

Scale	As indicated
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