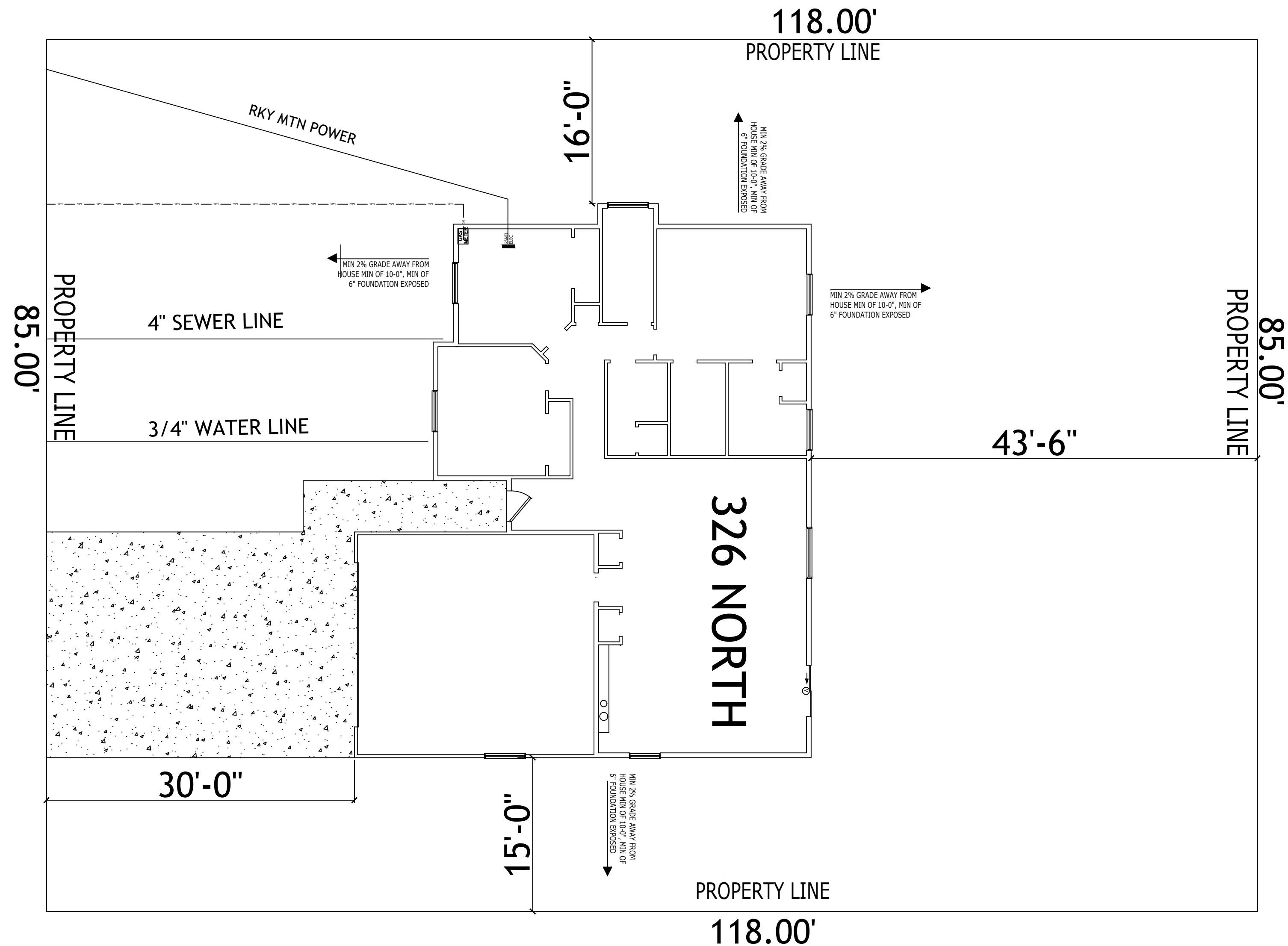


ZONING
R-1-10
30' FRONT SETBACK
15' SIDE YARD TOTALING 30'
30' REAR YARD

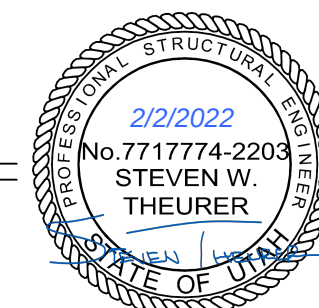
MAIN STREET



326 NORTH MAIN
LEWISTON, UTAH
PARCEL 09-151-0003
(.23 ACRES)

PLOT PLAN

SCALE 1/16" = 1'-0"



NORTH
Scale-1/8"=1'-0"

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326 NORTH MAIN
LEWISTON, UTAH

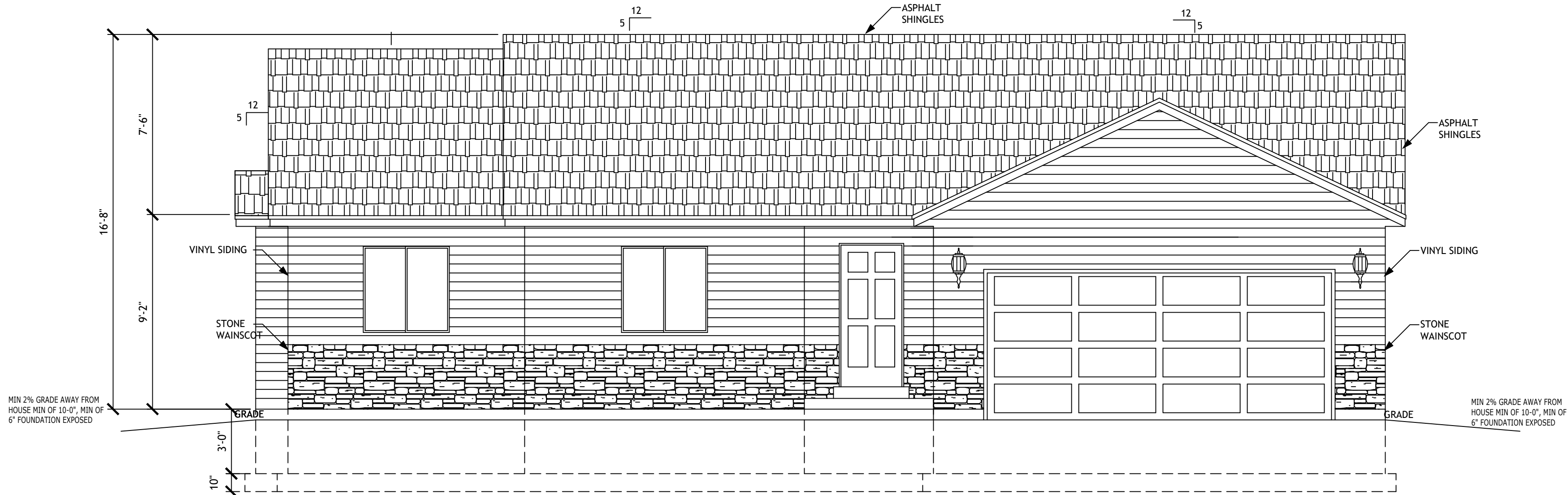
PLAN: 2022
LEWISTON 5

TOTAL SQUARE FEET:	2010
MAIN FLOOR:	1520
GARAGE:	490

PLOT PLAN

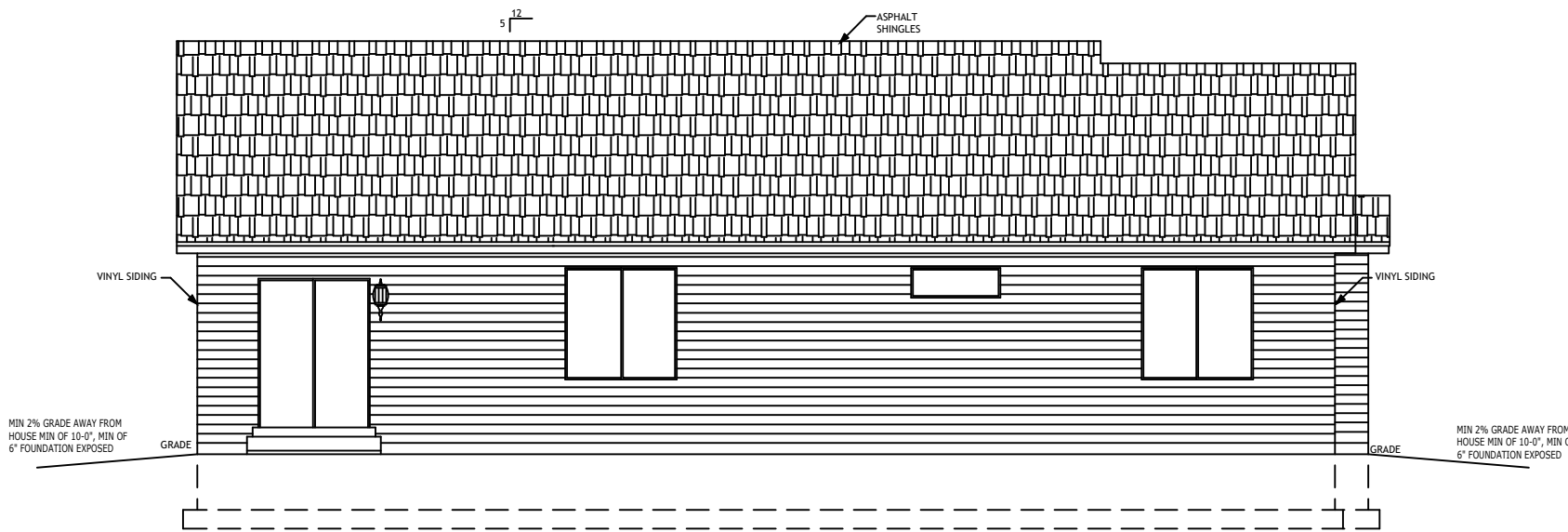
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COMMUNITY:	LOT#

PAGE# 1 OF 7



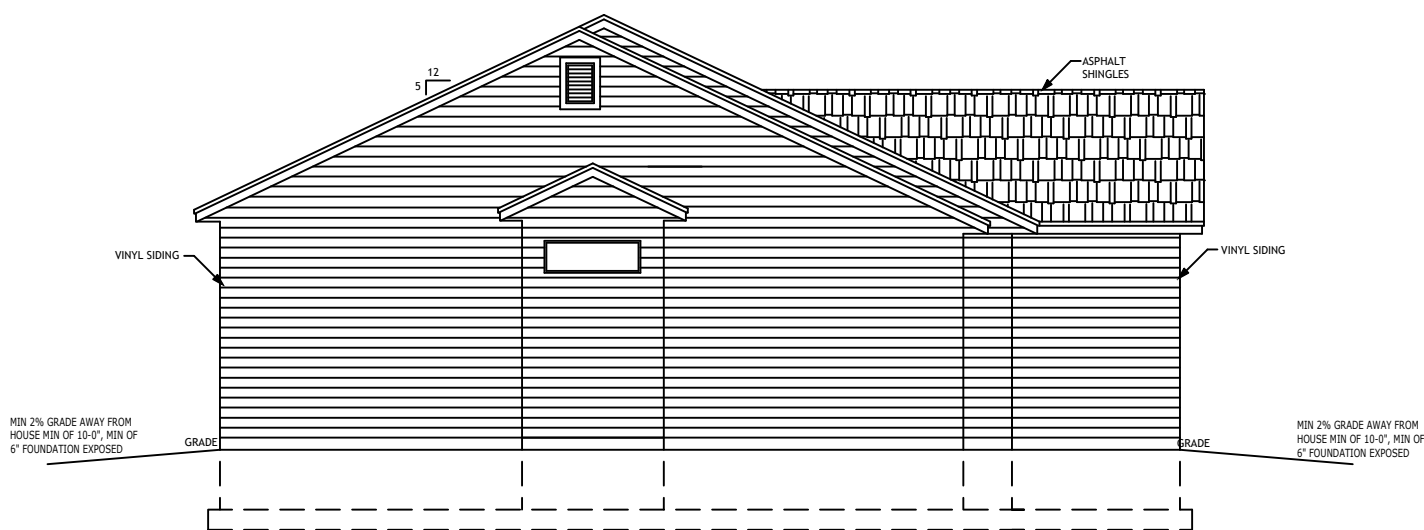
FRONT ELEVATION

SCALE 1/4" = 1'-0"



REAR ELEVATION

SCALE 1/8" = 1'-0"



LEFT ELEVATION

SCALE 1/8" = 1'-0"



RIGHT ELEVATION

SCALE 1/8" = 1'-0"

ATTIC VENTING

1320/150= 8.80 SQ FT

SOFFIT VENTING

1320/150= 8.80 SQ FT

STRUCTURAL DESIGN CRITERIA

GOVERNING CODE 2018 IRC & IBC

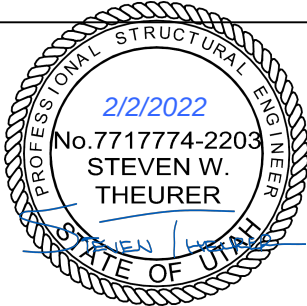
SOIL BEARING PRESSURE 1,500 PSF (PRESUMPTIVE)

WIND IBC 104 MPH
GUST 3 SEC
EXPOSURE C
RISK CATEGORY II

SEISMIC DESIGN CATEGORY D2
IMPORTANCE FACTOR 1.0

ROOF LOADS
DEAD LOAD 20 PSF
SNOW LOAD 31 PSF

FLOOR LOADS
DEAD LOAD 20 PSF
LIVE LOAD 40 PSF



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326 NORTH MAIN
LEWISTON, UTAH

PLAN:
2022
LEWISTON 5

TOTAL SQUARE FEET: 2010
MAIN FLOOR: 1520
GARAGE: 490

ELEVATIONS

STAMP: VERSION: V1.0
DATE:

COMMUNITY: LOT#

PAGE#
2 OF 7

FOOTING DESIGNED FOR 1500 PSF
BEARING PRESSURE.

1/2" DIAMETER x 10" LONG ANCHOR BOLTS
EMBEDDED 7" MINIMUM AT 32" O.C. W/ 2x SILL
PLATE, TYPICAL EXCEPT WHEN SPECIFICALLY NOTED
ON FOUNDATION PLAN

ALL ANCHOR BOLTS REQUIRE 3"x 3"x 0.229" PLATE WASHERS WITH DIAGONAL SLOTTED HOLE AND STANDARD CUT WASHER TO BE PLACED BETWEEN THE 3"x3"x0.229" WASHER AND NUT

1. SECURE WATER HEATER TO WALL W/ (2) APPROVED STRAPS, ONE IN THE UPPER THIRD AND ONE IN THE LOWER THIRD.

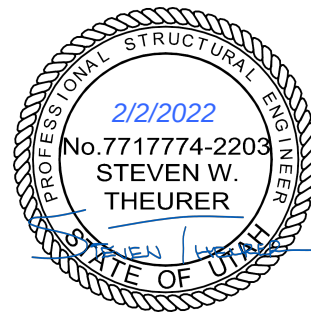
2. INSTALL EXPANSION TANK ON WATER SUPPLY LINE.

3. INSTALL (1) 10"Ø DUCT FOR COMBUSTION AIR.

4. FURNACE AND WATERHEATER
COMBUSTION AIR REQUIREMENTS
 $170,000/3=56.66$ SQ. IN.
PROVIDE 10" DIA. VENT

1. ALL SMOKE ALARMS TO BE 120v POWERED BATTERY BACKED-UP AND INTERCONNECTED.

2. CO DETECTORS ON EACH LEVEL TO BE 120v POWERED BATTERY BACKED-UP AND INTERCONNECTED.



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326 NORTH MAIN
LEWISTON, UTAH

PLAN:	2022 LEWISTON 5
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TOTAL SQUARE FEET:	2010
MAIN FLOOR:	1520
GARAGE:	490

FOUNDATION
PLAN

STAMP:	VERSION: V1.0
	DATE:
COMMUNITY:	LOT#

PAGE# 3 OF 7

FND. LABEL	MAX HEIGHT	TOP EDGE SUPPORT	WALL THICK.	REINFORCING BARS	
				VERTICAL (2)	HORIZONTAL (3)
FN-2	2'-0"	NONE	8"	# 4 @ 32"(5)	(2) # 4
FN-3	3'-0"		8"	# 4 @ 32"(5)	(3) # 4
FN-4	4'-0"		8"	# 4 @ 24"	(4) # 4
FN-6	6'-0"		8"	# 4 @ 24"	(5) # 4
FN-8	8'-0"		8"	# 4 @ 16"	(6) # 4
FN-9	9'-0"	FLOOR OR ROOF FRAMING & DIAPHRAGM PER NOTE 6 (POW' WALLS NOT ALLOWED)	8"	# 4 @ 16"	(7) # 4
FN-10	9'-0"		10"	# 4 @ 14"	(10) # 4
FN-11	9'-0"		12"	# 4 @ 12"	(12) # 4
STEPDOWN / WALKOUT BASEMENT FOUNDATIONS (NOTE 8)					
4'-0"	NONE	8"	# 4 @ 16"	# 4 @ 12"	
9'-0"	FLOOR (6)	8"	# 4 @ 16"	# 4 @ 12"	
ADDITIONAL ENGINEERING IS REQUIRED FOR ALL WALLS GREATER THAN 9'-0" IN HEIGHT					

NOTES:

1. BASED ON 3,000 psi CONCRETE AND 60,000 psi STEEL.
2. VERTICAL BARS ARE TO BE PLACED IN THE CENTER OF WALL & EXTEND FROM THE FOOTING TO WITHIN 3" OF THE TOP OF WALL. DOWELS OF #4 REBAR W/ STANDARD HOOK SHALL BE PROVIDED IN THE FOOTING TO MATCH THE VERTICAL BARS WITH THE VERTICAL LEG EXTENDING 24" INTO FOUNDATION WALL.
3. ONE BAR SHALL BE LOCATED IN THE TOP 4", ONE BAR IN THE BOTTOM 4" AND ALL BARS SPACED EQUALLY IN BETWEEN.
4. PLACE (2) #4 BARS ABOVE AND (1) #4 BAR EACH SIDE AND BELOW ALL OPENINGS. BARS SHALL BE PLACED WITHIN 2" OF THE OPENINGS & EXTEND 24" BEYOND EDGE OF OPENING. VERTICAL BARS MAY TERMINATE 3" FROM THE TOP OF CONCRETE.
5. DOWELS OF #4 REBAR AT 32" O.C. WITH STANDARD HOOK SHALL BE PROVIDED IN THE FOOTING WITH VERTICAL LEG EXTENDING 18" INTO FDN WALL.
6. FLOOR FRAMING MEMBERS SHALL BEAR DIRECTLY ON SILL PLATE ATTACHED TO TOP OF FOUNDATION WALL. NO FRAMED PONY WALLS ARE ALLOWED. REFER TO "STEPPEDOWN / WALKOUT" FOUNDATION REQUIREMENTS WHERE PONY WALLS WILL BE BUILT ON TOP OF FOUNDATION WALLS. DIAPHRAGM TO CONFORM TO SECTION 2308.
7. SOIL BACKFILL SHALL BE GW, GP, SW, OR SF PER IBC TABLE 1610.1. SOIL SHALL NOT BE SUBMERGED OR SATURATED IN GROUND WATER.
8. STEPPEDOWN / WALKOUT BASEMENTS ON SLOPING SITES REQUIRE SPECIAL REINFORCING WHERE FOUNDATIONS HAVE A GRADE DIFFERENCE GREATER THAN 5'-0" ACROSS THE OVERALL STRUCTURE. REINFORCING IS BASED ON AMERICAN CONCRETE INSTITUTE (ACI) MINIMUM WALL REINFORCEMENT REQUIREMENTS.

- 8" CMU WALL FULLY GROUTED
- COMPRESSIVE STRENGTH $f'_c = 1500 \text{ psi}$ min
- EQUIVALENT REINFORCEMENT
 - #4 JBAR @ 24 o.c. Vertical and (3) #4 bars Horizontal
- RUNNING BOND CONSTRUCTION
- MORTAR TYPE N OR S

SCALE 1/4" = 1'-0" 1520 SQ FT

SHEAR WALL SCHEDULE					
MARK	SHEATHING	SHEATH BOTH SIDES	NAILS	EDGE SPACING	NOTES
SW1	7/16" OSB	NO	8d	6" OC	1-3
SW2	7/16" OSB	NO	8d	4" OC	1-3

NOTES:

- USE COMMON OR GALVANIZED BOX NAILS, FIELD NAIL AT 12" OC
- BLOCK ALL PANEL EDGES
- PROVIDE 3"x3"x0.229" PLATE WASHERS WITH DIAGONAL SLOTTED HOLE AND STANDARD CUT WASHER TO BE PLACED BETWEEN THE 3"x3"x0.229" WASHER AND NUT ON ANCHOR BOLTS (TYPICAL)

HOLDOWN & STRAP SCHEDULE		
MARK	ANCHOR	NOTES (1,2)
A	MST36	
B	LSTHD8	3
C	STHD10	3

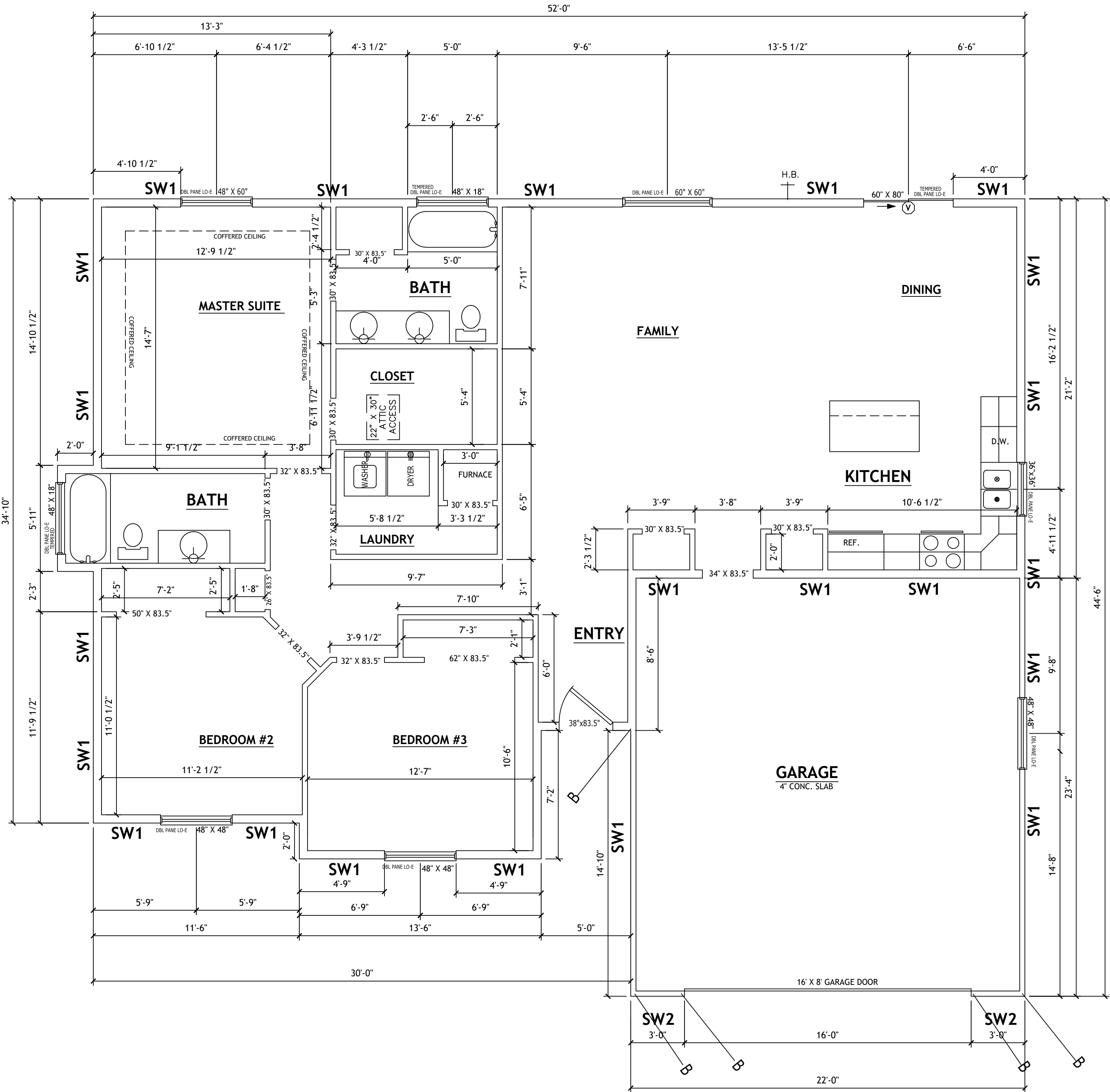
NOTES:

- ALL ANCHORS ARE SIMPSON STRONG TIE OR EQUIVALENT.
- INSTALL PER MANUFACTURER'S SPECIFICATIONS. USE RIM JOIST MODELS (RJ) WHEN INSTALLED AT RIMBOARD/JOIST.
- RETROFIT WITH SIMPSON MST48 OR HDU4 WITH 5/8" DIA A307 ATR EPOXIED 12" INTO CONCRETE.

DETECTOR NOTES

- ALL SMOKE ALARMS TO BE 120v POWERED BATTERY BACKED-UP AND INTERCONNECTED.
- CO DETECTORS ON EACH LEVEL TO BE 120v POWERED BATTERY BACKED-UP AND INTERCONNECTED.

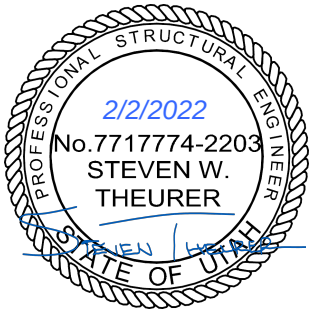
2 X 6 EXTERIOR WALL FRAMING



MAIN FLOOR PLAN

SCALE 1/4" = 1'-0"

1520 SQ FT



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326 NORTH MAIN
LEWISTON, UTAH

PLAN:
2022
LEWISTON 5

TOTAL SQUARE FEET:	2010
MAIN FLOOR:	1520
GARAGE:	490

MAIN FLOOR
FRAMING PLAN

STAMP:	VERSION: V1.0
DATE:	
COMMUNITY:	LOT#

PAGE#
4 OF **7**

BEAM SCHEDULE	
BEAM MARK	SIZE AND TYPE
B1	(2) 2" x 6" DF-L No. 2
B2	(2) 2" x 8" DF-L No. 2
B3	(2) 2" x 10" DF-L No. 2
B4	(2) 1-3/4" x 9-1/2" 1.9E LVL
B5	(2) 1-3/4" x 11-7/8" 1.9E LVL
B6	(2) 1-3/4" x 7-1/4" 1.9E LVL
B7	5-1/8" x 10-1/2" GLB 24F-V4

STRUCTURAL DESIGN CRITERIA

GOVERNING CODE 2018 IRC & IBC

SOIL BEARING PRESSURE 1,500 PSF (PRESUMTIVE)

WIND IBC 104 MPH
MPH
GUST 3 SEC
EXPOSURE C
RISK CATEGORY II

SEISMIC DESIGN CATEGORY D2
IMPORTANCE FACTOR 1.0

ROOF LOADS
DEAD LOAD 20 PSF
SNOW LOAD 40 PSF

FLOOR LOADS
DEAD LOAD 20 PSF
LIVE LOAD 40 PSF

PRE-ENGINEERED TRUSSES

- NO DEVIATION FROM TRUSS LAYOUT ON PLAN ALLOWED WITHOUT WRITTEN PERMISSION FROM ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE A COPY OF TRUSS MANUFACTURER'S LAYOUT AND DESIGN DRAWINGS TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION. ALLOW ONE WEEK MINIMUM REVIEW PERIOD.
- SEE ROOF PLAN FOR ADDITIONAL TRUSS DESIGN INFORMATION.
- PRE-ENGINEERED TRUSSES SHALL BE BLOCKED AND BRACED PER MANUFACTURER'S REQUIREMENTS.
- ALL TRUSS CONNECTION HARDWARE SHALL BE DESIGNED BY THE TRUSS MANUFACTURER.

ROOF OVERBUILD

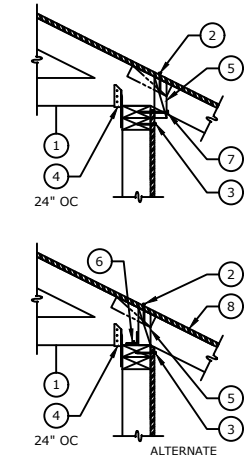
- FRAME ROOF OVERBUILD AREAS WITH 2" X 6" DF#2 JOISTS AT 24" O.C.
- BRACE JOISTS AT 6'-0" O.C. TO FRAMING BELOW.
- USE 2" X 8" DF#2 RIDGE BOARD BRACED AT 4'-0" O.C.
- USE 2" X 8" DF#2 VALLEY MEMBERS LAYED FLAT AND NAILED TO TRUSSES WITH (2) 16d EACH TRUSS/RAFTER.
- BRACE RIDGE AND JOISTS SUCH THAT LOAD IS DISTRIBUTED UNIFORMLY TO TRUSSES BELOW.
- SHEATH UNDER ALL OVERBUILD AREAS.
- PROVIDE ACCESS AND VENTILATION TO OVERBUILD AREAS AS NECESSARY.

ROOF SHEATHING

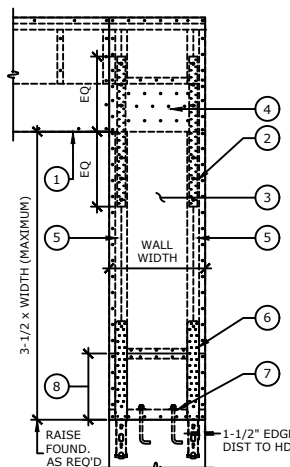
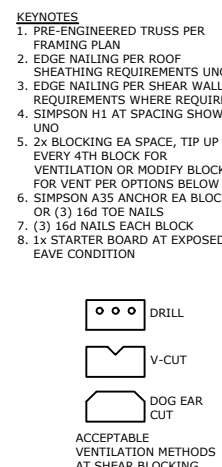
- 7/16" APA RATED OSB SHEATHING NAILED W/ 8d COMMON AT 6" OC AT PANEL EDGES, OVER SHEAR WALLS AND BLOCKING AND 6" OC IN THE FIELD, PROVIDE GAPS BETWEEN SHTS PER MANU REQ.

CONNECTIONS

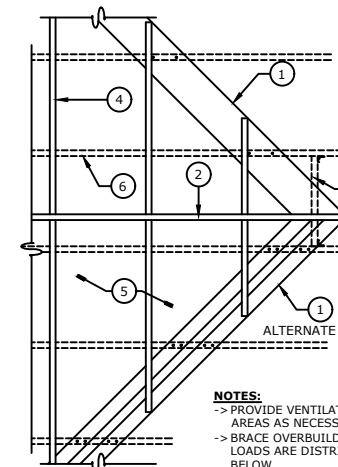
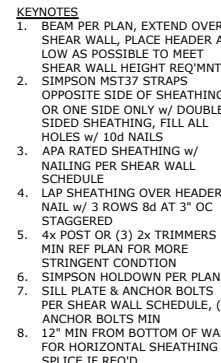
- PROVIDE (2) TS12 VERTICAL STRAPS CONNECTED TO SUPPORTING POST TO RESIST UPLIFT FORCES AT ALL GIRDER TRUSSES UNLESS NOTED OTHERWISE
- WHERE BEAMS BEAR ON A DOUBLE TOP PLATE OF A BEARING WALL PROVIDE (2) TS 12 VERTICAL STRAPS TO CONNECT BEAM TO THE SUPPORTING POST UNLESS OTHERWISE NOTED
- WHERE BEAMS REST ON AN ISOLATED POST USE (2) LPC CAPS -OR- (1) BC CAP -OR- (1) PC CAP AT TOP AND AB -OR- ABU -OR- ABE -OR- ABA BASE AT BOTTOM UNLESS OTHERWISE NOTED



J TRUSS CONNECTION
SCALE: NONE



L SHEAR WALL DETAIL
SCALE: NONE

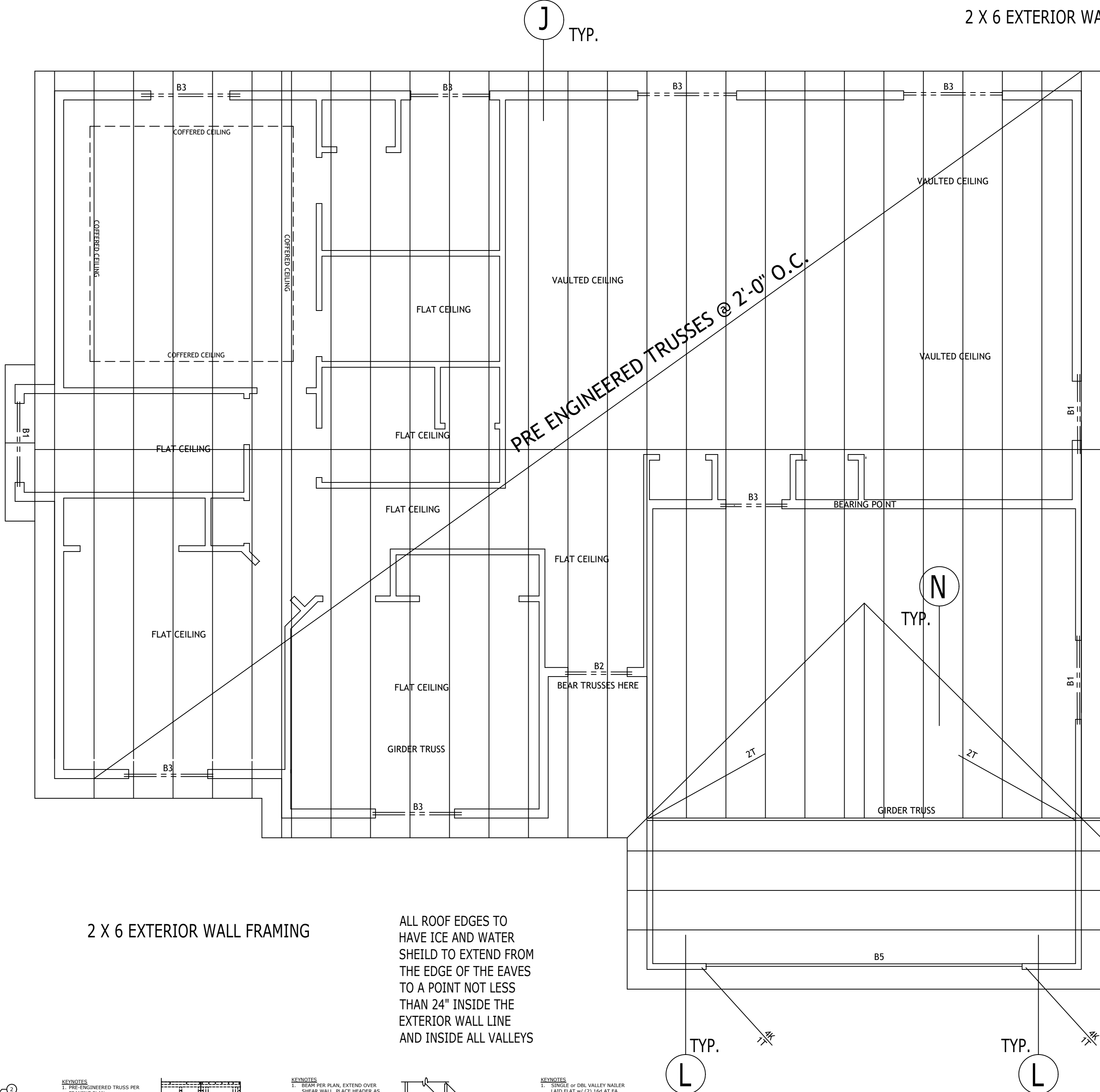


N OVERBUILD FRAMING DETAIL
SCALE: NONE

KEYNOTES	
1. SINGLE or DBL VALLEY NAILER LAID FLAT w/ (2) 16d AT EA FRAMING MEMBER	
2. ALTERNATE: (2) 2x4 VALLEY MEMBERS LAID FLAT w/ (2) 16d EA FRAMING MEMBER BELOW	
3. 2x BLOCK BTWN TRUSS TOP CHORDS (MATCH SIZE w/ A35 or U HANGER EA END AT TAIL OF RIDGE BOARD)	
4. OVERBUILD RAFTERS BRACED TO FRAMING BELOW AT 6'-0" OC MAXIMUM	
5. SHEATHING SHALL BE CONTINUOUS BELOW ALL OVERBUILD OR FRAMING BELOW	
6. ROOF FRAMING BELOW	

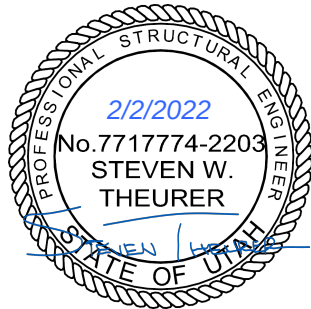
SNOW LOAD	RIDGE	CEILING	DECK	RAFTERS
80	2x8	2x10	2x10	2x6 @ 24" OC
100	2x8	2x10	2x10	2x6 @ 24" OC
120	2x8	2x10	2x10	2x6 @ 24" OC
140	2x8	2x10	2x10	2x6 @ 24" OC
160	2x8	2x10	2x10	2x6 @ 24" OC

NOTES:
-> PROVIDE VENTILATION AND ACCESS TO OVERBUILD AREAS AS NECESSARY
-> BRACE OVERBUILD FRAMING AS NOTED SUCH THAT LOADS ARE DISTRIBUTED UNIFORMLY TO FRAMING BELOW



ROOF FRAMING PLAN

SCALE 1/4" = 1'-0"



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326 NORTH MAIN
LEWISTON, UTAH

PLAN:
2022
LEWISTON 5

TOTAL SQUARE FEET:	2010
MAIN FLOOR:	1520
GARAGE:	490

ROOF FRAMING PLAN

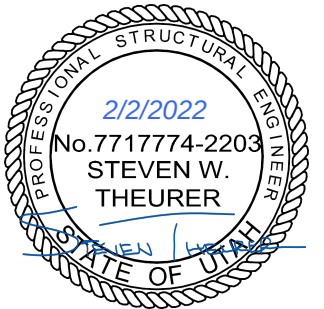
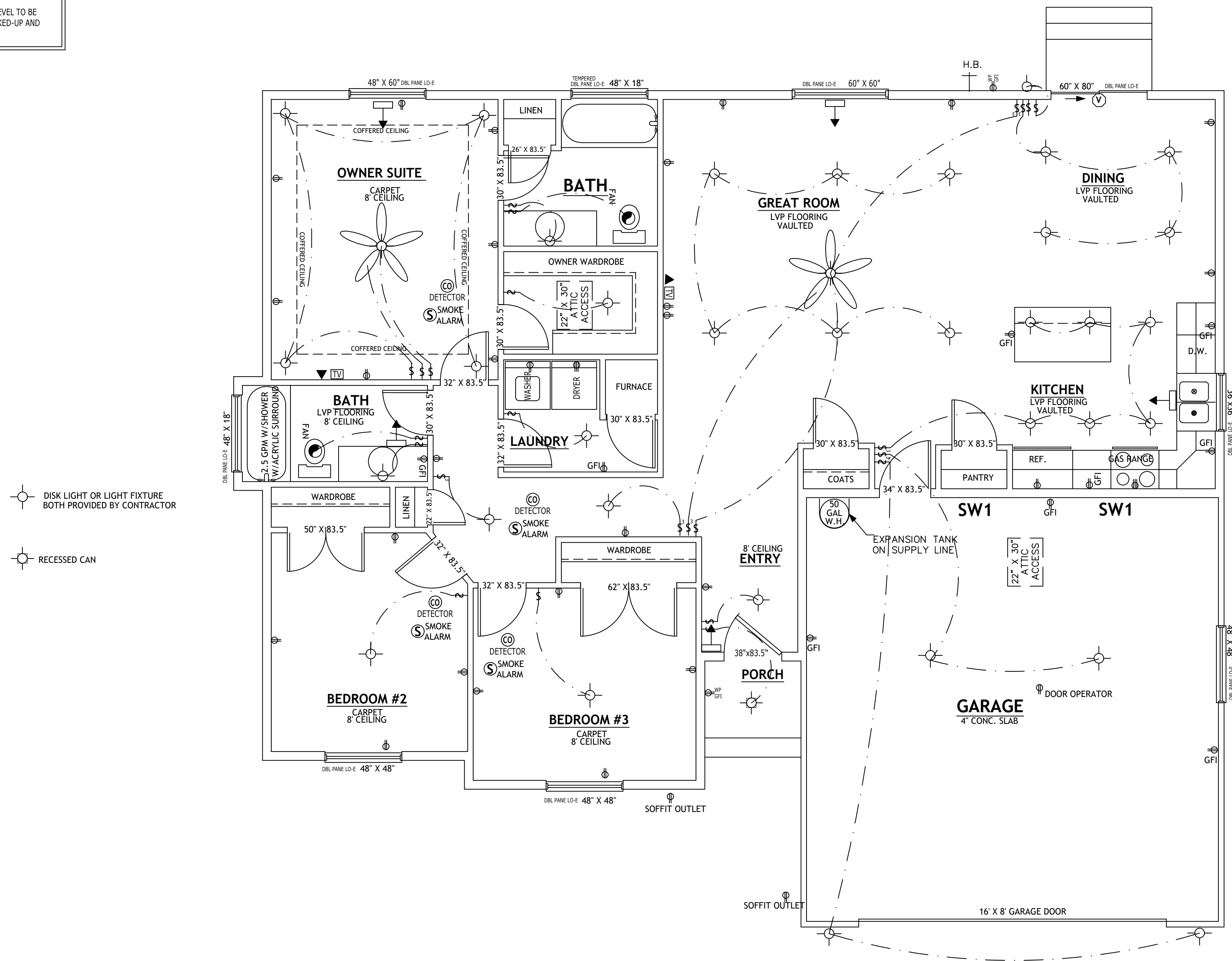
STAMP: VERSION: **V1.0**

DATE:

COMMUNITY: LOT#

PAGE# **5** OF **7**

1. ALL SMOKE ALARMS TO BE 120v POWERED BATTERY BACKED-UP AND INTERCONNECTED.
2. CO DETECTORS ON EACH LEVEL TO BE 120v POWERED BATTERY BACKED-UP AND INTERCONNECTED.



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326 NORTH MAIN
LEWISTON, UTAH

PLAN:	2022 LEWISTON 5
-------	--------------------

TOTAL SQUARE FEET:	2010
MAIN FLOOR:	1520
GARAGE:	490

ELEC, PLUMB,
HVAC, FINISH
PLAN

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PAGE#

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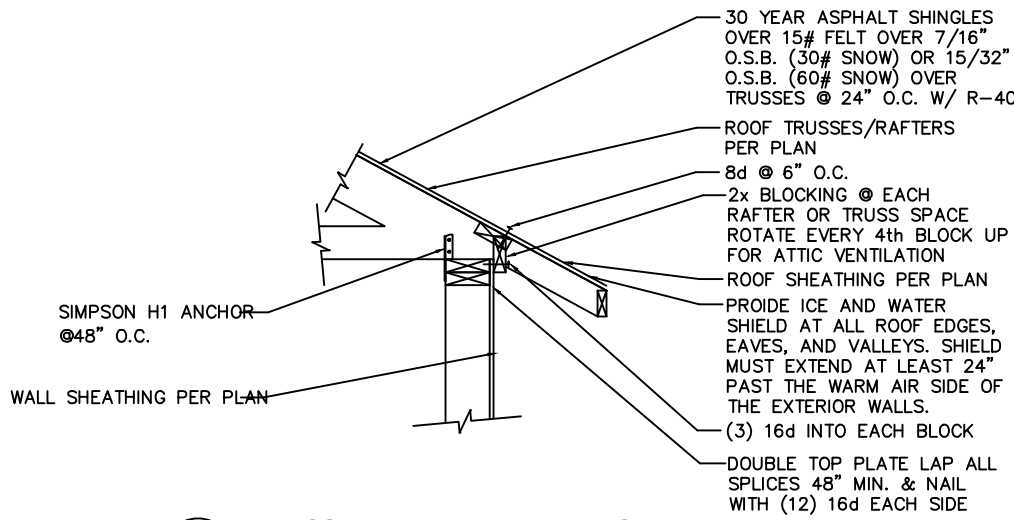
ELEC, PLUMB, HVAC, FINISH PLAN

SCALE 1/4" = 1'-0"

1520 SQ FT

GENERAL NOTES

1. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED PRIOR TO FINAL INSPECTION. CONSTRUCTION DEBRIS SHALL BE SECURED AT ALL STAGES OF CONSTRUCTION TO PREVENT TRAVELING FROM THE JOB SITE.
2. ALL CONSTRUCTION MUST CONFORM TO ALL ADOPTED CODES AND STATUTES OF THE JURISDICTION IN WHICH CONSTRUCTION TAKES PLACE.
3. ANY EARTH FILL TO SUPPORT CONCRETE FLOORS, WALKS, DRIVEWAYS, ETC. MUST BE COMPACTED TO 90%.
4. ALL FOOTINGS TO BE PLACED 12" BELOW UNDISTURBED GROUND AND A MINIMUM OF 30" BELOW FINISHED GRADE OR AS REQUIRED FOR LOCAL FROST LINE. TOP OF FOUNDATION SHALL BE 6" MIN. ABOVE FINISHED GRADE. FINISHED GRADE MUST SLOPE AWAY FROM THE BUILDING A MIN. OF 6" FOR THE FIRST 10'-0" AND 2% AFTER. DRAINAGE FROM LOT SHALL FLOW INTO AN APPROVED DRAINAGE SYSTEM.
5. 1/2" ANCHOR BOLTS EMBEDDED 7" INTO CONCRETE SHALL BE A MAXIMUM OF 32" O.C. AND NO MORE THAN 12" FROM THE CORNERS w/ 2" X 2" X 3/16" PLATE WASHERS.
6. CURBS, GUTTERS AND SIDEWALKS AT FRONTAGE OF THE LOT SHALL BE INSTALLED AT THE TIME OF NEW CONSTRUCTION. CURB, GUTTER, AND SIDEWALKS SHALL BE CLEAN AND IN NEW CONDITION AT TIME OF FINAL INSPECTION.
7. NO STUMPS, ROOTS, OR ORGANIC MATERIAL SHALL BE PRESENT IN SOIL AT THE AREA OF THE BUILDING.
8. CONTRACTOR SHALL PROVIDE A MIN. OF 7'-0" HEADROOM IN ALL AREAS OF DWELLING. BEAMS MY PROJECT 6' BELOW REQUIRED CEILING HEIGHT. CEILING HEIGHT IN BASEMENT WITHOUT HABITABLE ROOMS MAY BE 6'-8" MIN. WITH BEAMS PROJECTING 4" BELOW CEILING HEIGHT.
9. APPROVED NUMBERS SHALL BE PROVIDED FOR ADDRESS OF NEW BUILDINGS AND PLACED IN A POSITION WHICH IS PLAINLY VISIBLE AND LEGIBLE FROM THE STREET AT FRONTAGE OF PROPERTY.
10. STAIRWAYS SHALL BE A MINIMUM OF 36" WIDE, MINIMUM HEADROOM OF 6'-8", A MAXIMUM RISE OF 7 3/4", MINIMUM RUN OF 10", A MAXIMUM VARIATION OF 3/8" IS PERMITTED IN RISE, RUN, OR PROJECTION IN A RUN OF STAIRS. SOLID RISERS (CONCRETE, ETC. REQUIRES A 3/4" - 1 1/4" NOSING OR A 10" MINIMUM RUN. WINDER TREADS SHALL HAVE A MINIMUM TREAD DEPTH OF 10" MEASURED AT A POINT 12" FROM THE SIDE WHERE THE TREADS ARE NARROWER. WINDER TREADS SHALL HAVE A MINIMUM TREAD DEPTH OF 6" AT ANY POINT.
11. HANDRAILS MUST BE INSTALLED ON STAIRS WITH 2 OR MORE RISERS. HANDRAILS SHALL RETURN TO WALL OR TERMINATE INTO A NEWEL POST OR SAFETY TERMINALS. HAND RAILINGS SHALL NOT BE LESS THAN 34" OR MORE THAN 38" ABOVE NOSE OF TREAD. HANDRAIL SHALL HAVE A DIAMETER NOT LESS THAN 1 1/8" OR MORE THAN 2".
12. GUARDRAILS SHALL BE NOT LESS THAN 36" IN HEIGHT. OPEN RAILING SHALL HAVE INTERMISSION RAILS SPACED SUCH THAT A 4" SPHERICAL OBJECT CANNOT PASS THROUGH.
13. LANDINGS SHALL BE A MIN. 36" X 36" AT ALL EXTERIOR SWINGING HINGED DOORS AND AT TOP AND BOTTOM OF ALL STAIRS.
14. INSTALL DENSE, NONCOMBUSTIBLE WATER PROOF SHEET ROCK ON WALLS OF SHOWERS, TUBS, ETC. ENTIRE HEIGHT OF WALL.
15. PROVIDE ATTIC ACCESS OF NOT LESS THAN 22" X 30" CLEAR OPENING AND ALLOW 30" MIN. HEADROOM. ATTIC ACCESS MUST BE LOCATED IN A READILY ACCESSIBLE LOCATION (NOT IN A CLOSET).
16. ENCLOSED ATTICS AND SPACES BETWEEN RAFTERS SHALL HAVE A CLEAR CROSS VENTILATION AREA TO THE OUTSIDE. VENTS SHALL PROVIDE AIR INTAKE TO ALLOW A MIN. OF 1/150 OF TOTAL SQ. FT. OF ATTIC SPACE IN BOTH GABLE / ROOF VENTS. VENTS FOR SOFFITS SHALL PROVIDE AIR INTAKE TO ALLOW A MIN. OF 1/300 SQ. FT.
17. CHIMNEYS FOR FIREPLACES SHALL EXTEND A MIN. OF 2'-0" ABOVE ROOF OR 10'-0" AWAY FROM OUTSIDE AIR INTAKE OPENINGS.
18. ALL GARAGE WALLS, BEAMS, AND CEILINGS TO HAVE 5/8" TYPE "X" SHEET ROCK INSTALLED. IN DWELLINGS WHICH HAVE LIVING SPACE OVER THE GARAGE INSTALL 5/8" TYPE "X" SHEET ROCK OR EQUIVALENT.
19. PROVIDE COUNTER FLASHING AND CAULKING AT ALL EXTERIOR OPENINGS (DOORS, WINDOWS, DRYER VENTS, ETC.) AND INSTALL PER MFGR SPECS.
20. PROVIDE METAL FLASHING OR 15# FELT BETWEEN WOOD SHEATHING AND CONCRETE PORCHES, LANDINGS AND STAIRS.
21. ALL HABITABLE ROOMS SHALL BE PROVIDED WITH AGGREGATE GLAZING AREA OF NOT LESS THAN 8% OF THE FLOOR AREA OF SUCH ROOMS. NATURAL VENTILATION SHALL BE THROUGH WINDOWS, DOORS, LOUVERS, OR OTHER APPROVED OPENING TO THE OUTSIDE AIR. SUCH OPENINGS SHALL BE PROVIDED WITH READY ACCESS OF SHALL OTHERWISE BE READILY CONTROLLED BY THE BUILDING OCCUPANTS. THE MINIMUM OPENABLE AREA TO THE OUTDOORS SHALL BE 4% OF THE FLOOR AREA BEING VENTILATED.



TRUSS / RAFTER BEARING DETAIL
NOT TO SCALE

DRYER NOTES

1. DRYER VENT DUCTS SHALL BE METAL WITH SMOOTH INTERIOR SURFACES AND SHALL BE EQUIPPED WITH BACK DRAFT DAMPERS. THE DUCTS MUST TERMINATE AT THE EXTERIOR OF THE BUILDING AND MUST NOT BE INSTALLED WITH SHEET METAL SCREWS.
2. DRYER VENT DUCT SHALL BE 4" DIAMETER MIN. WITH A MAXIMUM LENGTH OF 25'-0" LESS 2.5' FOR EACH 45 DEG. BEND.
3. DRYER VENT SHALL NOT CONNECT TO ANY OTHER VENT, DUCT, OR CHIMNEY. VENT HOOD SHALL BE A MIN. OF 12" ABOVE FINISHED GRADE.
4. ALL DRYER VENTS SHALL BE COUNTER FLASHED AND CAULKED.

FRAMING NOTES

1. JOISTS UNDER PARALLEL BEARING PARTITIONS TO BE DOUBLED AND JOISTS UNDER PARALLEL NONBEARING WALLS SHALL BE DOUBLED IF WALL EXCEEDS 1/3 THE LENGTH OF THE JOIST 12" AND LONGER. 3/4" PLYWOOD OR O.S.B. SHALL BE USED FOR SUB FLOOR IF JOIST SPACING IS 24" O.C.
2. FIRE STOPPING
 - A. FIRE BLOCK STUD SPACES OVER 10'-0" IN HEIGHT, FURRED SPACES, SOFFITS, DROP CEILINGS, COVE CEILINGS, STAIR STRINGERS AT TOP AND BOTTOM OF RUN, BEARING WALLS AND CEILING JOIST LINES, ETC. FIRE STOPPING SHALL CONSIST OF 2" NOMINAL LUMBER.
 - B. FIRE STOP OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS, AND FIREPLACES AT CEILING AND FLOOR LEVERS WITH APPROVED NONCOMBUSTIBLE MATERIALS.
3. STUDS WHICH EXCEED 9'-0" IN LENGTH SHALL BE 2X6 UNLESS OTHERWISE SPECIFIED BY ENGINEER.
4. SOLID BLOCK BETWEEN JOISTS, RAFTERS, AND TRUSSES OVER BEARING WALLS: BLOCKING TO BE A 2" NOMINAL THICKNESS AND FULL DEPTH OF JOISTS, RAFTER, OR TRUSS.
5. UNLESS OTHERWISE NOTED, BRACE ALL EXTERIOR WALL AND CROSS STUD PARTITIONS WITH MIN. 7/16" O.S.B. OR EQUIVALENT PLYWOOD WITH 8d NAILS @ 6" O.C. ON PANEL EDGES AND 12" O.C. IN FIELD OF PANEL.
6. STRAPS AND SHOES ARE REQUIRED AT WEAKENED OR NON-CONTINUOUS TOP PLATES, AND AT ALL STUDS NOTCHED OR BORED BEYOND ACCEPTABLE CODE LIMITS.
7. NAIL PLATES SHALL BE INSTALLED TO PROTECT CONCEALED PIPING PASSING THROUGH OR NOTCHED INTO STRUCTURAL MEMBERS WHERE THERE IS LESS THAN 1-1/2" TO THE FACE OF THE MEMBER. WIRING INSIDE OF FRAMING MEMBERS WHERE THE BORED HOLE IS CLOSER THE 1-1/4" TO THE NEAREST EDGE OF THE FRAMING MEMBER OR THE FRAMING MEMBER IS NOTCHED. A STEEL PLATE NOT LESS THAN 1/16" THICK AND APPROPRIATE LENGTH AND WIDTH SHALL BE INSTALLED TO COVER THE AREA.

WINDOW NOTES

1. WINDOWS SHOULD BE HEAD AT DOOR HEIGHT.
2. BEDROOM WINDOW SILLS SHALL BE WITHIN 44" OF THE FINISHED FLOOR. SUCH WINDOW SHALL HAVE A MIN. CLEAR OPENING OF 5.7 SQ. FT. WITH A MIN. HEIGHT CLEARANCE OF 24" AND A MIN. WIDTH CLEARANCE OF 20". (EGRESS REQUIREMENTS)
3. ALL OPERABLE WINDOWS AND GLASS DOORS SHALL INCLUDE SCREENS.
4. ALL BASEMENT WINDOWS NOT FULLY 6" ABOVE GRADE SHALL BE PROTECTED BY GALVANIZED IRON OR CONCRETE WINDOW WELLS. (SEE WINDOW WELL REQUIREMENTS).
5. ALL WINDOWS SHALL BE DOUBLE GLAZED WITH 1/4" MIN. SPACES. U-VALUE OF WINDOW PER RES-CHECK MIN.
6. SHOWER AND TUB ENCLOSURES SHALL BE FULLY TEMPERED.
7. FRAMELESS GLASS DOORS, GLASS IN DOORS, FIXED GLASS PANELS, WINDOWS OVER BATH TUBS, ALL GLASS WITHIN 24" OF ANY DOOR, WINDOW WITHIN 18" OF FINISHED FLOOR, AND SIMILAR GLAZED OPENING SUBJECT TO HUMAN IMPACT SHALL BE TEMPERED GLASS.
8. PROVIDE 9" FLASHING AROUND ALL WINDOWS AND DOORS WITH SILL PLATE FLASHING.

PLUMBING NOTES

1. PLUMBING VENTS SHALL TERMINATE AT LEAST 3'-0" ABOVE AND 10'-0" AWAY FROM OUTSIDE AIR INTAKE OPENINGS AND CAN NOT BE FLAG POLED.
2. INSTALL FREEZELESS BACK FLOW PREVENTION NOSE BIBBS.
3. SHOWER HEADS TO BE 2.5 GALLONS PER MINUTE MAX.
4. ALL TOILETS AND WATER CLOSETS TO HAVE 1.6 GALLON FLUSH MAX.
5. PROVIDE 21" MIN. CLEARANCE IN FRONT OF WATER CLOSETS AND A COMPARTMENT WIDTH OF 30" MIN.
6. SLIP JOINTS ARE NOT ALLOWED IN CONCEALED LOCATIONS (BATH TUBS).
7. PROVIDE ANTI-SCALD VALVES ON ALL SHOWER HEADS AND BATH TUB COMBINATIONS.
8. SHOWER COMPARTMENT SHALL HAVE A LEAST 900 SQ. IN. OF FLOOR AREA AND BE OF SUFFICIENT SIZE TO INSCRIBE A CIRCLE WITH A DIAMETER NOT LESS THAN 30". HINGED SHOWER DOOR SHALL OPEN OUTWARD WITH A MIN. WIDTH OF 22" CLEAR.
9. THE WALL AREA ABOVE THE BUILT-IN TUBS HAVING INSTALLED SHOWER HEADS AND IN-SHOWER COMPARTMENT WALLS SHALL FORM A WATERIGHT JOINT WITH EACH OTHER AND WITH EITHER THE TUB, RECEPTOR, OR SHOWER FLOOR.
10. WATER HEATER SHALL BE ANCHORED OR STRAPPED IN THE UPPER THIRD OF THE APPLIANCE TO RESIST A MIN. 1/3 OF THE OPERATING WEIGHT OF THE APPLIANCE. T&B VALVES SHALL BE PIPED TO WITHIN 6" OF THE FLOOR AND APPROVED FLOOR DRAIN. EXPANSION TANK REQUIRED.
11. PROVIDE ACCESS TO TETTED TUB PUMP PER MANUFACTURERS INSTALLATION INSTRUCTIONS. PROVIDE ACCESS TO ELECTRICAL WITHOUT DAMAGE TO BUILDING OF FINISHES. ELECTRICAL OUTLET FOR TUB TO BE GFCI PROTECTED. ALL METAL PIPING SYSTEMS, METAL PARTS OR ELECTRICAL EQUIPMENT, AND PUMP MOTORS ASSOCIATED WITH THE HYDRO MASSAGE TUB SHALL BE BONDED TOGETHER USING A COPPER BONDING JUMPER NOT SMALLER THAN #8 SOLID UNLESS IT IS AN APPROVED LISTED DOUBLE INSULATED SYSTEM.

MECHANICAL NOTES

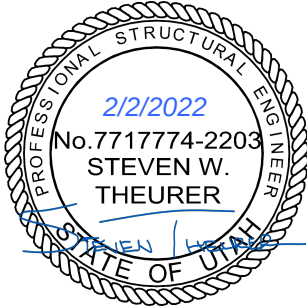
1. FURNACE TO BE RHEEM (OR EQUAL) BTUH OUTPUT PER HEAT LOSS CALCULATIONS. EFFICIENCY SHALL BE PER RES-CHECK.
2. PROVIDE 30" WORK SPACE IN FRONT OF ALL HEATING CONTROLS WITH A 3" MIN. WORK SPACE AT THE SIDES, BACK, AND TOP. INSTALL ACCORDING TO MANUFACTURERS INSTALLATION AND CLEARANCE INSTRUCTIONS.
3. FURNACES AND WATER HEATERS SHALL BE INSTALLED SUCH THAT THEY CAN BE REMOVED INDIVIDUALLY WITHOUT REMOVING THE OTHER APPLIANCE.
4. FLUE VENTS AND EXHAUST FAN VENTS SHALL BE AT LEAST 3'-0" ABOVE IF LOCATED WITHIN 10'-0" OF AN OUTSIDE AIR INLET.
5. EXHAUST FANS SHALL BE CAPABLE OF 50 CFM OF AIR TO THE OUTSIDE AND IS REQUIRED IN BATHROOMS, TOILET ROOMS, AND SIM. COMPARTMENTS WITHOUT A MIN. 1.5 SQ. FT. OF OPERABLE WINDOW.
6. JOINTS FOR RESIDENTIAL HEATING DUCTS SHALL BE MECHANICALLY FASTENED BY MEANS OF A LEAST (3) SCREWS EVENLY SPACES. SUPPORT DUCTS WITH APPROVED METAL SUPPORTS.
7. PROVIDE ADEQUATE COMBUSTION AIR TO OUTSIDE AND SIZED FOR FURNACE AND WATER HEATER. COVER INLET OF SUCH VENT WITH A CORROSION RESISTANT METAL SCREEN OF 1/4" MESH. VENT SHALL TERMINATE 4'-0" BELOW OR 4'-0" HORIZONTALLY AND AT LEAST 1'-0" ABOVE A DOOR, OPERABLE WINDOW, OR GRAVITY AIR INLET INTO BUILDING.
8. ALLOW 30" MIN. CLEARANCE BETWEEN RANGE AND COMBUSTIBLE MATERIALS. ALLOW A SIDE CLEARANCE PER MANUFACTURERS SPECS ON APPLIANCE.

ELECTRICAL NOTES

1. TEMPORARY WIRING SHALL BE IN ACCORDANCE WITH N.E.C. ARTICLE 305
2. ELECTRICAL PANEL TO BE 125 AMP MAX. (ELECTRICIAN TO VERIFY)
3. CLEARANCE FOR ELECTRICAL PANEL SHALL BE 30" WIDE BY 36" DEEP BY 6'-6" TALL MIN. ELECTRICAL PANEL IS NOT TO BE INSTALLED IN BATHROOMS, FIRE RATED GARAGE WALLS, OR CLOSETS.
4. PACIFIC CORP REQUIRED THAT THE MAIN ELECTRICAL SERVICE ENTRANCE MUST BE WITHIN 10'-0" OF THE FRONT CORNER OF THE HOUSE. ELECTRICAL METER MUST BE ON THE SIDE OF THE HOUSE. ELECTRICAL SERVICE ENTRANCE CANNOT BE LOCATED OVER A WINDOW WELL OR WITHIN 3'-0" OF THE GAS METER.
5. KITCHEN COUNTER RECEPTACLES SHALL BE GFCI PROTECTED AND SUPPLIED BY A MIN. OF TWO 20 AMP SMALL APPLIANCE CIRCUITS. BATHROOM AND LAUNDRY AREA RECEPTACLES SHALL BE GFCI PROTECTED AND SUPPLIED BY AT LEAST ONE 20 AMP CIRCUIT.
6. INSTALL A UFER SECONDARY GROUNDING SYSTEM WHEN USING THE WATER SERVICES AS THE PRIMARY GROUND.
7. ELECTRICAL CENTRAL HEATING EQUIPMENT, OTHER THAN FIXED ELECTRICAL SPACE HEATING EQUIPMENT, SHALL BE SUPPLIED WITH AN INDIVIDUAL BRANCH CIRCUIT.
8. ELECTRICAL CONVENIENCE OUTLETS SHALL BE SPACED SUCH THAT NO POINT ALONG THE FLOOR LINE OF ANY WALL SPACE IS MORE THAN 6'-0" FROM AN OUTLET.
9. ALL ELECTRICAL OUTLETS LOCATED OUTSIDE, IN THE GARAGE, OR AS CALLED OUT ON PLAN SHALL BE PROTECTED BY GROUND FAULT CIRCUIT INTERRUPTERS W/BUBBLE COVERS.
10. SMOKE DETECTORS SHALL BE INSTALLED IN ALL BEDROOMS, AT THE HALLWAYS LEADING TO BEDROOMS, AND AT EVERY FLOOR LEVEL (INCLUDING BASEMENT).
11. SMOKE DETECTORS SHALL BE HARD WIRED IN A SERIES WITH A BATTERY BACKUP.
12. ALL BRANCH CIRCUITS THAT SUPPLY 125-VOLT, SINGLE PHASE, 15- AND 20- AMPERE RECEPTACLE OUTLETS INSTALLED IN BEDROOMS SHALL BE PROTECTED BY AN ARC FAULT CIRCUIT INTERRUPTERS.
13. LIGHTS IN CLOSETS SHALL HAVE A MIN. 12" CLEARANCE BETWEEN INCANDESCENT FIXTURE AND STORAGE SPACE OR 6" CLEARANCE BETWEEN FLUORESCENT FIXTURE AND STORAGE SPACE.
14. ELECTRICAL BOXES IN GARAGE TO BE 2HR. RATED.

MECHANICAL NOTES

1. SECURE WATER HEATER TO WALL W/ (2) APPROVED STRAPS, ONE IN THE UPPER THIRD AND ONE IN THE LOWER THIRD.
2. INSTALL EXPANSION TANK ON WATER SUPPLY LINE.
3. INSTALL (1) 8"Ø DUCT FOR COMBUSTION AIR.
4. FURNACE AND WATERHEATER COMBUSTION AIR REQUIREMENTS 140,000/3=46.66 SQ. IN. PROVIDE 8" DIA. VENT



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326 NORTH MAIN
LEWISTON, UTAH

PLAN:
2022
LEWISTON 5

TOTAL SQUARE FEET:	2010
MAIN FLOOR:	1520
GARAGE:	490

SECTION AND NOTES

STAMP:	VERSION: V1.0
	DATE:
COMMUNITY:	LOT#

ALTERNATE FOUNDATION

- 8" CMU WALL FULLY GROUTED
- COMPRESSIVE STRENGTH f'c= 1500psi min
- EQUIVALENT REINFORCEMENT
- #4 JBAR @ 24 o.c. Vertical and (3) #4 bars Horizontal
- RUNNING BOND CONSTRUCTION
- MORTAR TYPE N OR S

R-13 FIBERGLASS INSULATION PINNED TO CONC WALL