



PROJECT BRIEF – *Historic District Board of Review Application for Certificate of Appropriateness at 116 Elm St. to build new house on the empty lot.*

Current Zoning: Historic District Residential (HDR)	Project Location: 116 Elm St.
Applicant: Sherry Eblen	Owner: same

Preliminary Staff Recommendation: **Approve**

Conditions:

1. N/A

Reasoning:

Project is in conformance with the guidelines.

History, Relevant Information, & Prior Approvals:

History:

N/A

Relevant Information:

N/A

Prior Approvals:

N/A



Alterations, Historical Information, & Prior Approvals:

Date	
Style	
Evaluation	
Survey Notes	

Guidelines, Standards, & Ordinances

HDBR Guidelines: *Madison Historic District Design Guidelines – 23.0 New Construction - Dwellings p. 94-100*

Ordinance: 151.34 Visual Compatibility Factor



HDCA-24-97

Certificate of
Appropriateness (COA)
Application

Status: Active

Submitted On: 9/16/2024

Primary Location

116 ELM ST
MADISON, IN 47250

Owner

EBLEN RICHARD H & SHERRY L
1ST ST 411 MADISON, IN 47250-
3729

Applicant

 Sherry Eblen
 812-292-4636
 eblensherry@gmail.com
 411 W. First St.
Madison, IN 47250

Internal Review

 Staff Completing Online Form



 is applicant paying by credit card?



 Send for HDBR review



 Notification Sign

2

 Incomplete application 



 incomplete signs paid by credit card?



 Approval/Denial Date

—

 Approved/Denied

—

 Name and Title of Reviewer

 Additional Comments

General Information

Are you the owner?*

Yes

Zoning Classification

HDR

Legal Description of Property

116 Elm St., Madison, IN 47250

Will you be working with a Contractor?

Yes

Description of Existing Use

empty lot

Description of Proposed Use

new house

Contractor Information

Company Name

Contractor Name

License Number

Expiration Date

—

Phone

Email

Mailing Address

City

State

Zip Code

Type of Project

Select which applies to your project.*

Define Other 

New Building

Description(s) of Work

Scope of Work*

Build a new house on the empty lot at 116 Elm St

Building Elements

Architectural Details

☐

Awnings & Canopies

☐

Chimneys

☐

Deck

☐

Demolition

☐

Doors & Entrances

☐

Fences and Walls

☐

Fire Escapes & Staircases

☐

Foundations

☐

Gutters & Downspouts

☐

Historic Garages & Outbuildings

☐

Lighting

☐

New Construction/Addition

☐

Pools, Fountains, Gazebos and Pergolas

☐

Porch Columns & Railings

☐

Porches

☐

Ramps and Lifts

☐

Roofs

☐

Shutters

☐

Siding

☐

Signage

☐

Storefronts

☐

Storm Doors and Storm Windows

☐

Utilities

☐

Windows

☐

Other

☐

Phone: 601.336.3254

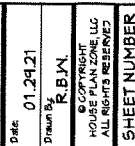


FOUNDATION TYPE:	CRAWLSPACE
EXTERIOR WALL SIZE:	2X4 EXT. WALLS

1.	COVER SHEET	8.	ELECTRICAL PLAN
2.	FOUNDATION PLAN	N1	I.R.C. CODE SHEET
3.	FLOOR PLANS	N2	I.R.C. CODE SHEET
4.	FRONT & REAR EXTERIOR VIEWS	N3	I.R.C. CODE SHEET
5.	RIGHT & LEFT EXTERIOR VIEWS	N4	I.R.C. ENERGY SHEET
6.	SECTION AND CABINETS		
7.	ROOF PLAN		

MINIMUM SOIL BEARING CAPACITY = 2000 P.S.F. FOR GROUP II
CONCRETE MINIMUM (24 DAYS) f_c
SLABS & WALLS = 3000 P.S.I.
FOOTERS = 3000 P.S.I.
REINFORCING STEEL, A.S.T.M. A615/60
30 P.S.F. FLOOR LIVE LOAD (GROUND SNOW LOAD) = 30 P.S.F.
ROOF DEAD LOAD = 10 P.S.F.
ROOF LIVE LOAD = 40 P.S.F.
30 P.S.F. SLEEPING AREAS
FLOOR DEAD LOAD = 10 P.S.F.
DECK DEAD LOAD = 10 P.S.F.
NOTE: ALL REQUIRED BRACE WALL PANELS LOCATED BY
CONTRACTOR PER LOCAL CODE REQUIREMENTS.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5
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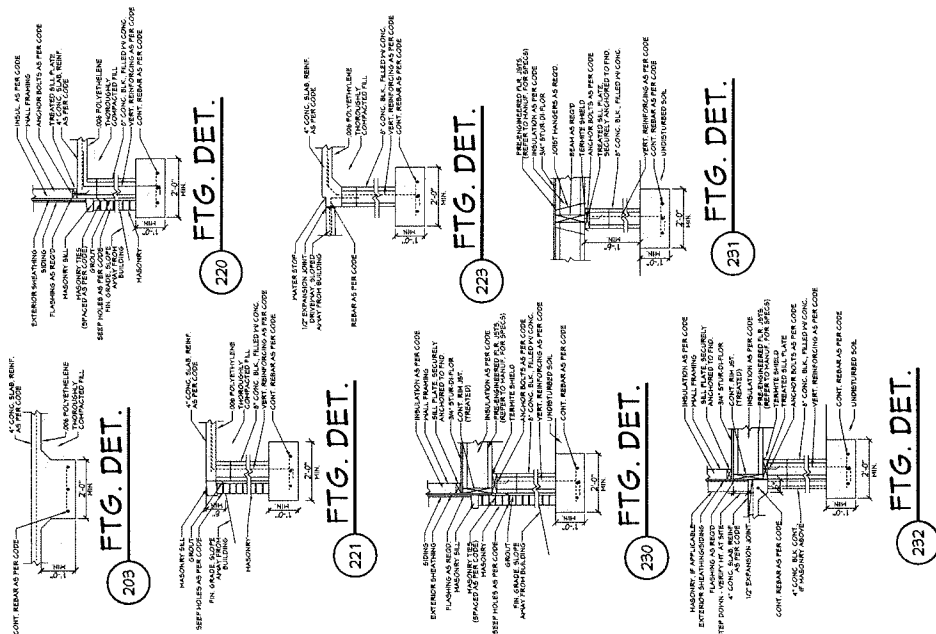


GENERAL SITE NOTES

CONTRACTOR TO VERIFY LOCATIONS OF SITE UTILITIES, REQUIREMENTS, AND CONNECTIONS FEES. OWNER, CONTRACTOR AND ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS. THE FOLLOWING INFORMATION IS BASED ON RECORD DRAWINGS AS AGREED UPON BETWEEN THE OWNER AND CONTRACTOR. BEFORE EXCAVATION, THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS, MAPS, AND BUILDING SITES TO DETERMINE THE ROUTES OF ALL UTILITIES, AND TO IDENTIFY ANY OTHER FEATURES THAT MAY AFFECT OR BE AFFECTED BY THE PROPOSED WORK. IF THE CONTRACTOR HAS ANY DOUBTS REGARDING COULDN'T THEY BE ADVISED THAT THE OWNER AND/OR ENGINEER WILL NOT BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES.

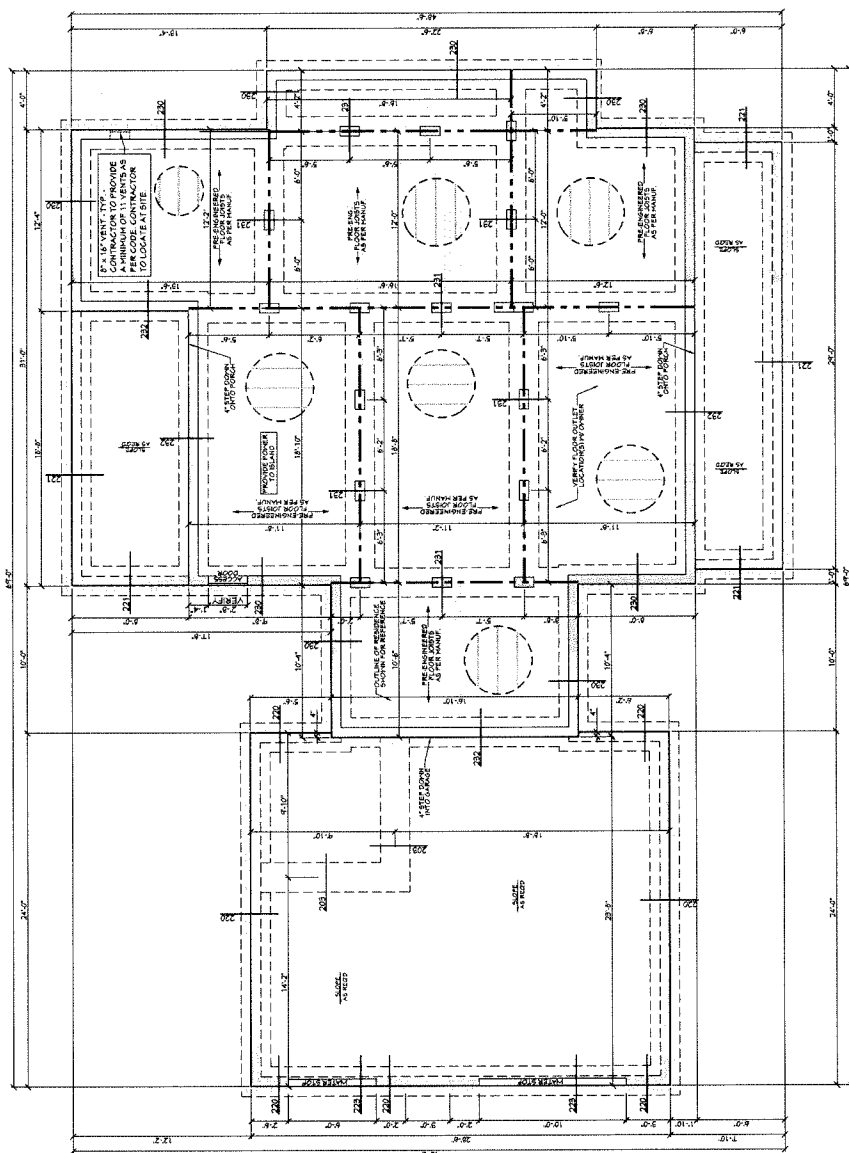
IT IS RECOMMENDED THAT THE SITES SOIL BE TESTED FOR UNDERPINNING RAILROADS TO DETERMINE FOUNDATION DESIGN REQUIREMENTS. THIS SHOULD BE DONE PRIOR TO ANY FOUNDATION DESIGN. ACCORDANCE TO CHAPTER 4 OF THE I.R.C. CODE. FOUNDATION DESIGN IS REQUIRED BY A LOCAL PROFESSIONAL OR ENGINEER. CONSULT A LOCAL VICE ENGINEER FOR SITE PLANS AND SURVEYS OF EXISTING PROPERTY. ALL CONSTRUCTION ACTIVITIES SHOULD BE COMPLETED ON WORKING DAYS AND NOISE/CROWDS DESIGNS.

Pre-Drawn Plan ID: 1448



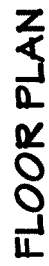
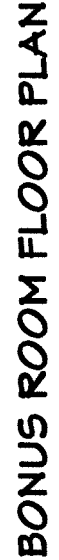
CRAWLSPACE FOUNDATION NOTES:

1. ALL FOOTING SIZES AND LOCATIONS TO BE VERIFIED BY A LICENSED STRUCTURAL ENGINEER.
2. CONTRACTOR TO ADAPT PLANS AS REQUIRED TO MEET ALL APPLICABLE CODES.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH FLOOR PLAN PRIOR TO CONSTRUCTION AND MAKE NECESSARY ADJUSTMENTS TO CONSTRUCTION TO PROVIDE THE REQUIRED TO MEET ALL APPLICABLE CODES AND TYPICAL BUILDING PRACTICES.
4. CONCRETE SLABS TO BE 4" (3000 PSI MIN.), REINFORCED AS PER CODE REQUIREMENTS.
5. CONTRACTOR TO PROVIDE ADEQUATE DRAINAGE BASED ON EXISTING SITE CONDITIONS, VERIFY WITH LOCAL CODES.
6. CONTRACTOR TO PROVIDE ANCHORAGE FOR JOIST SIZING, SPACING, CROSS BRACING REQUIREMENTS AND BEAM SIZES.
7. VERIFY THE QUANTITY AND LOCATION OF CRANK SPACE VENTS WITH APPLICABLE CODES AT SITE.
8. ALL EXTERIOR DIMENSIONS ARE TO THE OUTSIDE OF THE STUD WALL AND DO NOT INCLUDE THE BRICK LEDGE (IF APPLICABLE).



201 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

NOTE: PRE-ENGINEERED FLOOR JOISTS ARE SHOWN. REFER TO FLOOR JOIST MANUFACTURER FOR JOIST SIZING, SPACING, CROSS BRACING REQUIREMENTS, AND BEAM SIZES.

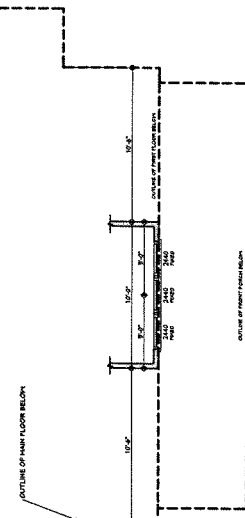
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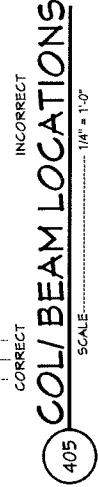
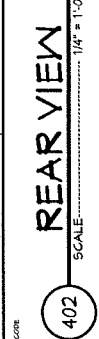
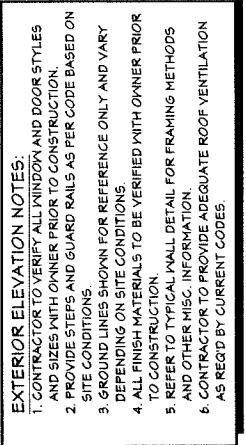
AREAS:	1448	S.F. HEATED
	488	S.F. UNHEATED - BONUS FLOOR
	665	S.F. UNHEATED - GARAGE, WORKSHOP & STORAGE
	174	S.F. UNHEATED - FRONT PORCH
	144	S.F. UNHEATED - REAR PORCH
	1454	S.F. TOTAL UNHEATED
	2402	S.F. TOTAL UNDER ROOF

1. SQUARE FOOTAGE OF HEATED AREA IS MEASURED TO THE OUTSIDE OF THE STUDWALL OF THE EXTERIOR WALLS (DOES NOT INCLUDE MASONRY OR OTHER EXTERIOR MATERIALS).
2. FIREPLACES THAT PROTRUDE FROM THE EXTERIOR FOOTPRINT ARE NOT INCLUDED IN THE HEATED AREA.
3. STAINWELLS ARE ONLY INCLUDED IN THE FIRST FLOOR CALCULATIONS AND NOT THE SECOND FLOOR CALCULATIONS (IF APPLICABLE).

■ **DOOR LABEL SIZE:** 3008 IS A DOOR THAT IS 3 FT 0 INCHES WIDE BY 4 FEET 0 INCHES TALL. TO FURTHER CLARIFY, THE 3008 LABEL IS TO BE READ AS FEET AND INCHES DIVIDED AND FEET AND INCHES. IN OTHER WORDS, THE DOOR LABEL IS THE ACTUAL SIZE OF THE DOOR ITSELF, NOT THE ROUGH OPENING SIZE. VERIFY THE ROUGH OPENING SIZE WITH THE ROUGH MANUFACTURER GAGES AT SITE.

■ **WINDOW LABEL SIZE:** 3008 IS A WINDOW THAT IS 3 FT 0 INCHES WIDE BY 4 FEET 0 INCHES TALL. TO FURTHER CLARIFY, THE 3008 LABEL IS TO BE READ AS FEET AND INCHES DIVIDED AND FEET AND INCHES. IN OTHER WORDS, THE WINDOW LABEL IS THE ACTUAL SIZE OF THE WINDOW ITSELF, NOT THE ROUGH OPENING SIZE. VERIFY THE ROUGH OPENING SIZE WITH THE ROUGH MANUFACTURER GAGES AT SITE.





CEILING JOIST SPANS FOR SOUTHERN PINE SPECIES UNHABITABLE ATTICS WITH LIMITED STORAGE LIVE LOAD = 30 psf (1.5 kN/m²) (240 LBS/400 KG) REFER TO THE INTERNATIONAL RESISTANCE DESIGN (AISC) STEEL DESIGN MANUAL FOR MORE DATA	SIZE	SPACING (INCHES)	VISUALLY GRADED #2 SOUTHERN PINE (NOMINALLY 240 LBS/400 KG)
2x4	12/12	16.0	8.0
	12/12	14.2	7.4
	12/12	12.5	6.7
	12/12	10.8	5.9
2x6	12/12	16.0	11.0
	12/12	14.2	10.0
	12/12	12.5	9.0
	12/12	10.8	8.0
2x8	12/12	16.0	15.0
	12/12	14.2	13.5
	12/12	12.5	12.0
	12/12	10.8	10.5
2x10	12/12	16.0	20.1
	12/12	14.2	18.1
	12/12	12.5	16.1
	12/12	10.8	14.1

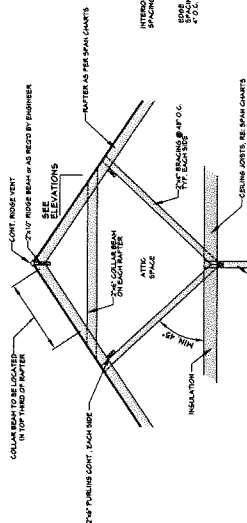
NOTES:
The above tables are based on the IRC 2015 TABLE R602.5.1 (2)

RAFTER SPANS FOR SOUTHERN PINE SPECIES LIFELOAD=40 PLF, LG=10, DED LOADS = 10psf	SPACING (INCHES)	SPANS (MAXIMUM RAFTER SPANS BETWEEN BRACING) (FT.-IN.)
SIZE	12.0	12-11
2 x 6	16.0	11-2
	14.2	10-2
	24.0	6-2
2 x 8	12.0	16-4
	16.0	14-2
	14.2	12-11
2 x 10	24.0	11-1
	12.0	14-5
	16.0	16-10
	14.2	15-4
2 x 12	24.0	13-1
	12.0	22-10
	16.0	14-10
	14.2	13-1
	24.0	16-2

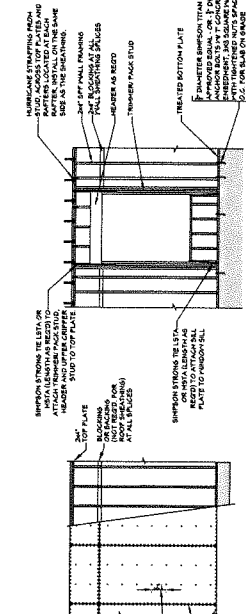
NOTES:
The above tables are based on the IRC 2015 TABLE R602.4.1(1)

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SCALE **N.T.S.**



SCALE 1/4" = 1'-0"



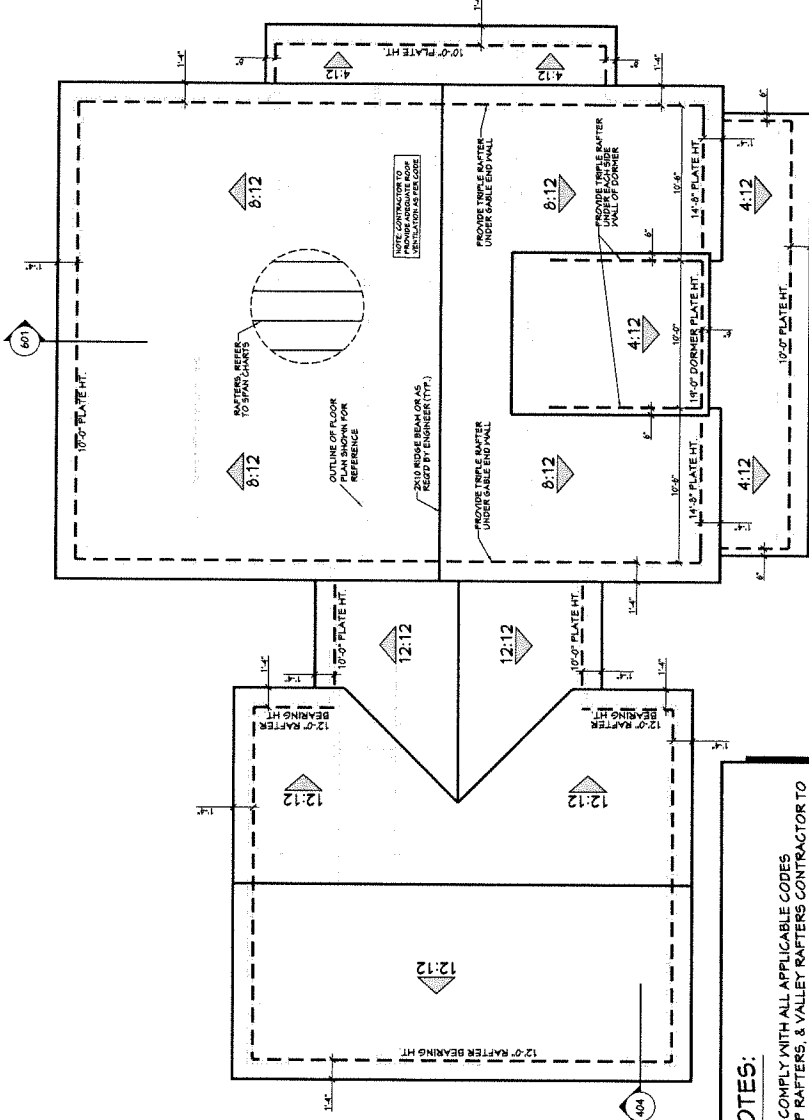
SCALE----- $1/4^{\text{IN}} = 1'-0^{\text{IN}}$

1. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES
2. TO BE 2" X 10", HIP RAFTERS, & VALLEY RAFTERS CONTRACTOR TO
3. ALL RAFTERS TO BE SIZED AS PER SPAN CHART.
4. CONTRACTOR TO WATERPROOF ALL ROOF INTERSECTIONS AS PER
5. CODE.
6. CONTRACTOR TO VERIFY ALL ROOF PITCHES WITH EXTERIOR
7. ELEVATIONS PRIOR TO CONSTRUCTION.
8. CONTRACTOR TO PROVIDE ADEQUATE ROOF VENTILATION AS PER
9. CODE.

HIPPI VALLEY CONVERSION			
IF CONVERSION RATIOS ARE USED		TIER 1 AND VALLEY RATIOS ARE USED	
RATE	SHARES	SHARES	ROTI
101	9	101	37
201	20	201	77
301	30	301	117
401	40	401	157
501	50	501	197
601	60	601	237
701	70	701	277
801	80	801	317
901	90	901	357
1001	100	1001	397
1101	110	1101	437
1201	120	1201	477
1301	130	1301	517
1401	140	1401	557
1501	150	1501	597
1601	160	1601	637
1701	170	1701	677
1801	180	1801	717
1901	190	1901	757
2001	200	2001	797
2101	210	2101	837
2201	220	2201	877
2301	230	2301	917
2401	240	2401	957
2501	250	2501	997
2601	260	2601	1037
2701	270	2701	1077
2801	280	2801	1117
2901	290	2901	1157
3001	300	3001	1197
3101	310	3101	1237
3201	320	3201	1277
3301	330	3301	1317
3401	340	3401	1357
3501	350	3501	1397
3601	360	3601	1437
3701	370	3701	1477
3801	380	3801	1517
3901	390	3901	1557
4001	400	4001	1597
4101	410	4101	1637
4201	420	4201	1677
4301	430	4301	1717
4401	440	4401	1757
4501	450	4501	1797
4601	460	4601	1837
4701	470	4701	1877
4801	480	4801	1917
4901	490	4901	1957
5001	500	5001	1997
5101	510	5101	2037
5201	520	5201	2077
5301	530	5301	2117
5401	540	5401	2157
5501	550	5501	2197
5601	560	5601	2237
5701	570	5701	2277
5801	580	5801	2317
5901	590	5901	2357
6001	600	6001	2397
6101	610	6101	2437
6201	620	6201	2477
6301	630	6301	2517
6401	640	6401	2557
6501	650	6501	2597
6601	660	6601	2637
6701	670	6701	2677
6801	680	6801	2717
6901	690	6901	2757
7001	700	7001	2797
7101	710	7101	2837
7201	720	7201	2877
7301	730	7301	2917
7401	740	7401	2957
7501	750	7501	2997
7601	760	7601	3037
7701	770	7701	3077
7801	780	7801	3117
7901	790	7901	3157
8001	800	8001	3197
8101	810	8101	3237
8201	820	8201	3277
8301	830	8301	3317
8401	840	8401	3357
8501	850	8501	3397
8601	860	8601	3437
8701	870	8701	3477
8801	880		

RAFTER LENGTH CHART	ROOF PITCH	FACTOR
	3:12	1.09
	4:12	1.27
	5:12	1.10
	6:12	1.14
	7:12	1.17
	8:12	1.26
	9:12	1.29
	10:12	1.30
	11:12	1.36
	12:12	1.40
	14:12	1.54
	16:12	1.76

MULTIPLY HORIZONTAL SPAN OF MEMBER BY FACTOR TO OBTAIN APPROPRIATE RAFTER ROOF PITCH.



NAIL SIZE SPACING FOR WALL SHEATHING: 6d NAILS MIN. OF 7/16" O.S.B. EDGE SPACING = 4" O.C. INTERIOR SPACING = 12" O.C.	NAIL SIZE SPACING FOR ROOF SHEATHING: 6d NAILS MIN. OF 7/16" O.S.B. EDGE SPACING = 4" O.C. INTERIOR SPACING = 4" O.C.
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NOTES:

- ALL EXTERIOR SHEATHING TO EXTEND FROM BOTTOM

1. ALL EXTERIOR SHEATHING TO EXTEND FROM BOTTOM OF BOTTOM PLATE TO THE TOP OF THE TOP PLATES.
2. PROVIDE 3/4" OR GREATER COLLAR TIES ON EACH RAFTER IN THE UPPER THIRD OF ATTIC AND ATTACH TO RAFTERS WITH 5 - 10d NAILS ON EACH SIDE.
3. SHINGLES OR OTHER ROOF MATERIALS TO BE FASTENED AS PER MANUFACTURERS INSTRUCTIONS FOR HIGH WIND APPLICATIONS.
4. EXTERIOR WALL FINISHES TO BE INSTALLED AS PER MANUFACTURERS INSTRUCTIONS BASED ON HIGH WIND APPLICATIONS.

WALL/ROOF FASTENING DETAILS

Pre-Drawn Plan ID: 1448

Date: 01.29.21

Drawn By: A.L.B.

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SHEET NUMBER

Designing Homes
Building Relationships
HOUSE PLAN ZONE

Website:
www.HPZplans.com

Email:
sales@hpzplans.com

Phone:
601.336.3254

Fax:
1.800.574.1387

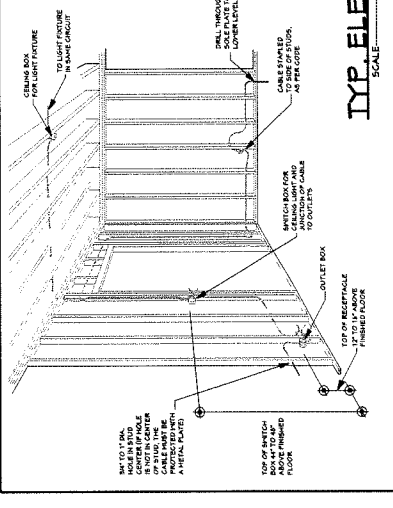
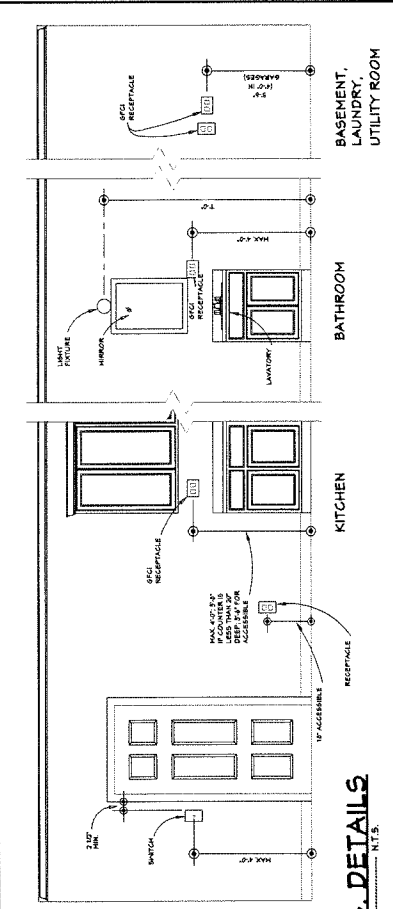
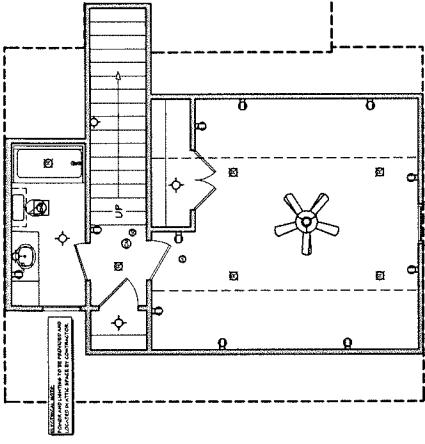
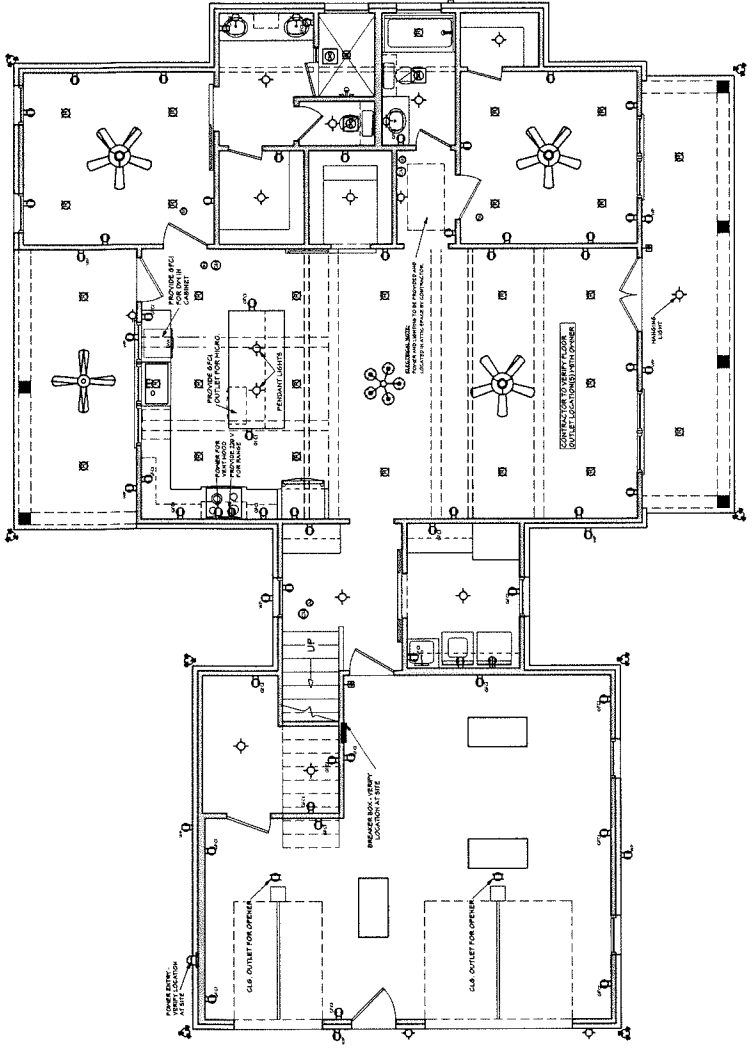
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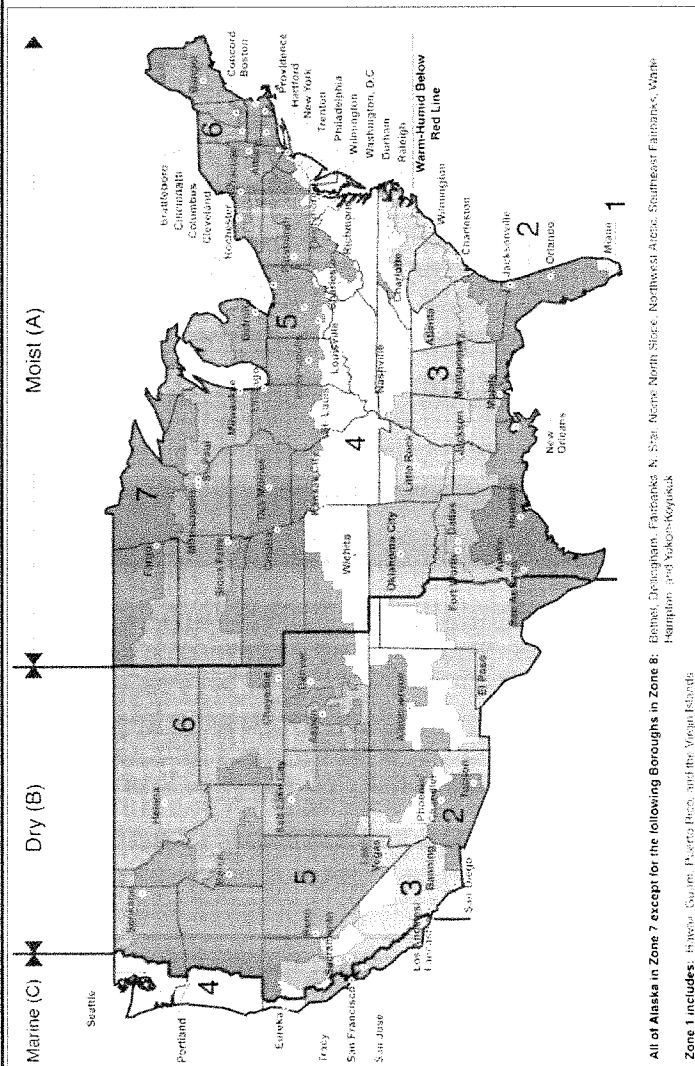
NOTED/VALUED
JONATHAN L. BOONE
CERTIFICATION NO. 25-137

Pre-Drawn Plan ID: 17448

SYMBOL	DESCRIPTION
120 VOLT OUTLET	120 VOLT OUTLET
GROUND FAULT PROTECTED OUTLET	GROUND FAULT PROTECTED OUTLET
APPROXIMATE OUTLET	APPROXIMATE OUTLET
220 VOLT RECEPTACLE	220 VOLT RECEPTACLE
FLOOR OUTLET (OWNER TO LOCATE)	FLOOR OUTLET (OWNER TO LOCATE)
CEILING HUNG FIXTURE	CEILING HUNG FIXTURE
OVERHUNG MOUNTED FLOODLIGHTS	OVERHUNG MOUNTED FLOODLIGHTS
WALL MOUNTED FLOODLIGHTS	WALL MOUNTED FLOODLIGHTS
RECESSED CEILING FIXTURE	RECESSED CEILING FIXTURE
FLUORESCENT LIGHT	FLUORESCENT LIGHT
CARBON MONOXIDE DETECTOR	CARBON MONOXIDE DETECTOR
SMOKE DETECTOR	SMOKE DETECTOR
SWITCH	SWITCH
WALL MOUNTED LIGHT	WALL MOUNTED LIGHT
DOOR SWITCH (OWNER TO LOCATE)	DOOR SWITCH (OWNER TO LOCATE)
PEATHER PULL OUTLET	PEATHER PULL OUTLET
CATS NETWORKING JACK (OWNER TO LOCATE)	CATS NETWORKING JACK (OWNER TO LOCATE)
TELEPHONE OUTLET (OWNER TO LOCATE)	TELEPHONE OUTLET (OWNER TO LOCATE)
DOORBELL BUTTON (CONTRACTOR TO LOCATE)	DOORBELL BUTTON (CONTRACTOR TO LOCATE)
TELEVISION OUTLET (CONTRACTOR TO LOCATE)	TELEVISION OUTLET (CONTRACTOR TO LOCATE)
CEILING EXHAUST FAN, VENT TO EXTERIOR	CEILING EXHAUST FAN, VENT TO EXTERIOR
TV SPEAKER	TV SPEAKER
RADIO SPEAKER	RADIO SPEAKER
CEILING FAN ONLY, NO LIGHT KIT	CEILING FAN ONLY, NO LIGHT KIT
CEILING FAN WITH LIGHT KIT	CEILING FAN WITH LIGHT KIT
TRACK LIGHTING (OWNER TO LOCATE)	TRACK LIGHTING (OWNER TO LOCATE)
WALL SCONCE (OWNER TO LOCATE)	WALL SCONCE (OWNER TO LOCATE)
CHANDLIER 1 (O.T.S.)	CHANDLIER 1 (O.T.S.)
CHANDLIER 2 (O.T.S.)	CHANDLIER 2 (O.T.S.)
UNDER COUNTER LIGHTING	UNDER COUNTER LIGHTING
EMERGENCY LIGHTING EXIT SIGN	EMERGENCY LIGHTING EXIT SIGN

ELECTRICAL NOTES: (QD10 IRC)
 1. LOCATIONS: EACH SLEEPING ROOM, OUTSIDE EACH SEPARATE
 2. SMOKE ALARMS SHALL BE INSTALLED IN THE FOLLOWING
 EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING
 BASEMENTS AND HABITABLE ATTICS, WHICH MORE THAN ONE
 HANDS THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL
 THE ALARM DEVICES SHALL BE INTERCONNECTED TO SUCH A
 POWERED WITH A BATTERY BACK-UP.
 3. CARBON MONOXIDE ALARMS SHALL BE INSTALLED OUTSIDE OF
 THE BEDROOMS OR SLEEPING UNITS WITHIN EACH FUEL-FIRED
 APPLIANCE ARE INSTALLED AND IN SLEEPING UNITS WITH
 4. A 120 VOLT, SINGLE PHASE, 15-20 AMPERE RATED RECEPTACLE
 OUTLET SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION FOR
 REFRIGERATION EQUIPMENT. THE RECEPTACLE SHALL BE LOCATED
 ON THE SAME LEVEL AND WITHIN 25 FEET OF THE EQUIPMENT. THE
 RECEPTACLE SHALL BE INSTALLED WITHIN 10 FEET OF THE END
 SIDE OF THE REFRIGERATION EQUIPMENT DISCONNECTING MEANS.



[illegible]

CLIMATE ZONE	FENESTRATION ZONE	BRIGHT UPFAC ^b	CEILING UPFAC ^b	FRAME UPFAC ^b	MASS WALL UPFAC ^b	FLOOR UPFAC ^b	BASEMENT WALL UPFAC ^b	SPACE WALL UPFAC ^b	CRAWL UPFAC ^b
1	0.50	0.75	0.035	0.084	0.197	0.064	0.160	0.477	0.477
2	0.40	0.65	0.030	0.084	0.165	0.064	0.160	0.136	0.136
3	0.35	0.55	0.030	0.060	0.098	0.047	0.091c	0.065	0.065
4 except Marine-4	0.35	0.55	0.026	0.060	0.082	0.047	0.059	0.055	0.055
5 and Marine-4	0.12	0.55	0.026	0.060	0.082	0.035	0.050	0.050	0.055
6	0.32	0.55	0.026	0.045	0.060	0.033	0.050	0.055	0.055
7 and 8	0.32	0.55	0.026	0.045	0.037	0.028	0.050	0.055	0.055

a. Nonfentration: U-factor shall be obtained from measurement, calculation or an approved source.

b. When more than half the insulation is on the interior, the mass wall U-factors shall be a maximum of 0.17 in Zone 1, 0.14 in Zone 2, 0.12 in Zone 3, 0.087 in Zone 4, 0.065 in Zone 5, 0.055 in Zone 6, 0.050 in Zone 7, and 0.045 in Zone 8.

c. Basement wall U-factors of 0.30 in warm-humid climate as defined by Figure N101.10 (R301.1) and Table N101.10 (R301.1).

TABLE N1102.4.1.1 (R402.4.1.1)
AIR BARRIER AND INSULATION INSTALLATION (a)

[illegible]

(3) Inspection of kg walls shall be in accordance with the provisions of ICC 400.

First Street

Net House Footprint

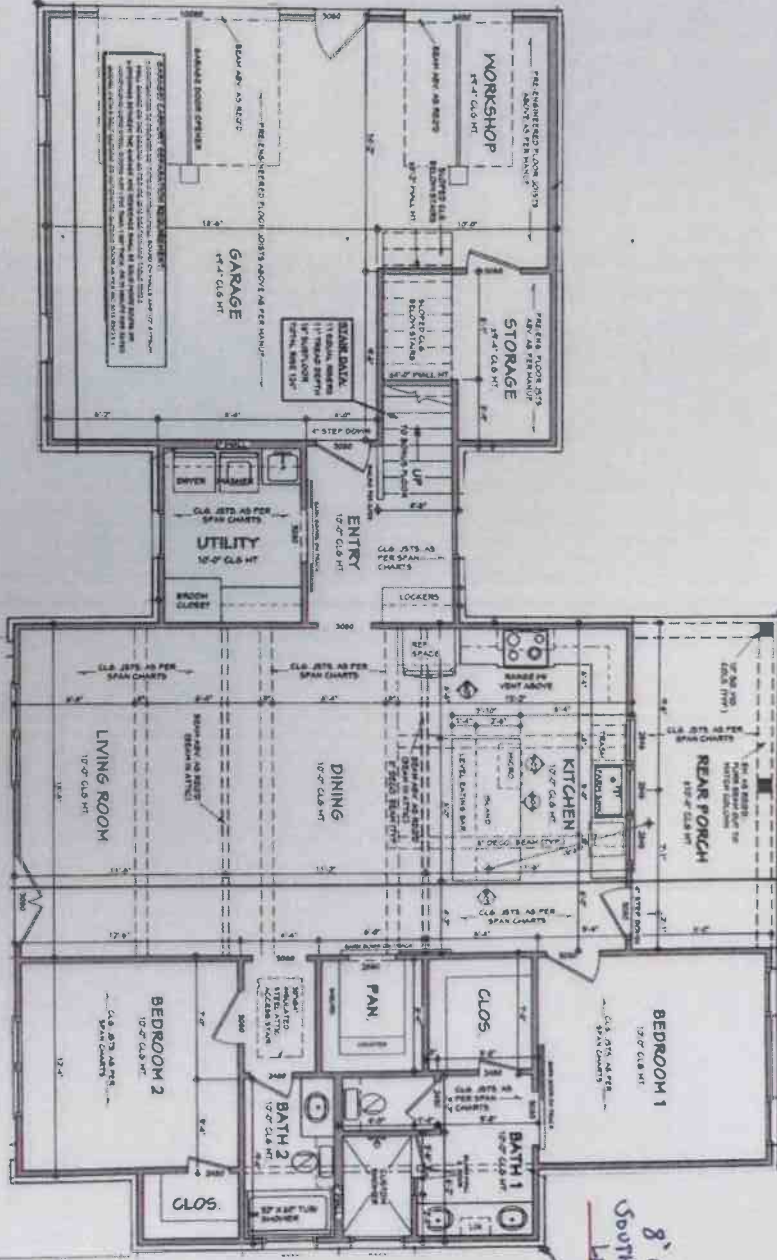
50'-6" X 69'

Net Lot Footprint

62' X 94'

17' OFF NORTH
PROPERTY LINE

SITE PLAN



3' OFF EAST PROPERTY LINE

8' OFF
SOUTH PROPERTY
LINE

8'-6" OFF WEST PROPERTY LINE

Elm Street