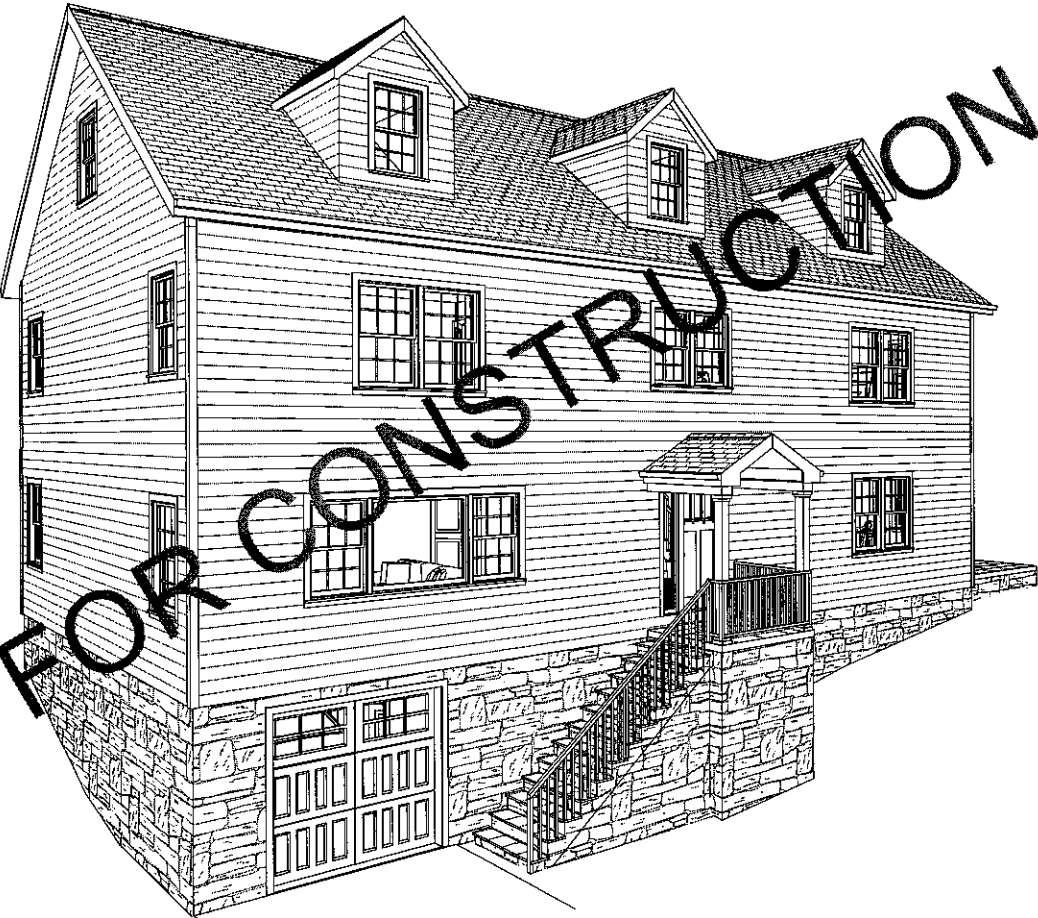


HOME RENOVATION
120 IVY HILL ROAD, RIDGEFIELD, CT

Designed by: Client, Prepared by: ATLANTIC CONSULTING & ENGINEERING LLC™



CODES:

THE FOLLOWING CODES AND STANDARDS, INCLUDING ALL SPECIFICATIONS REFERENCED WITHIN, SHALL APPLY TO THE DESIGN, CONSTRUCTION, QUALITY CONTROL AND SAFETY OF ALL WORK PERFORMED ON THIS PROJECT. USE THE LATEST EDITIONS UNLESS OTHERWISE NOTED.

- 2022 - BUILDING CODE OF THE STATE OF CONNECTICUT.
- 2021 - INTERNATIONAL RESIDENTIAL CODE.

BUILDING AREAS:

1st FLOOR AREA =	1,465 S/F
2nd FLOOR AREA =	1,435 S/F
TOTAL FLOOR AREA =	2,900 S/F

DRAWING LEGEND:

- A-0 COVER SHEET
- A-1 1st FLOOR PLAN
- A-2 2nd FLOOR PLAN
- A-3 ATTIC FLOOR PLAN
- A-4 SECTION DETAILS
- A-5 ELEVATIONS
- F-1 FOUNDATION PLAN
- S-1 1st FLOOR FRAMING PLAN
- S-2 2nd FLOOR FRAMING PLAN
- S-3 ATTIC FLOOR FRAMING PLAN
- S-4 ROOF FRAMING PLAN
- S-5 BRACE WALL DETAILS
- S-6 STRUCTURAL NOTES

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HOME RENOVATION
120 IVY HILL RD.
RIDGEFIELD, CT

Job Number:
24-6053

Start Date:
4/5/24

Issued For:	Date:
APPROVAL	8/14/24
PERMIT	8/17/24

REVISION	Date:

Drawn By: Checked By:
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Seal:

Sheet Title:
COVER SHEET

Scale:
AS NOTED

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A-0

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HOME RENOVATION
120 IVY HILL RD.
RIDGEBFIELD, CT

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24-8053

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Seal:

Sheet Title:
1st FLOOR
PLAN

Scale:
AS NOTED

Sheet Number:
A-1

LEGEND:

- NEW 2x4 & 2x6 WOOD FRAMED WALLS
- LIGHT AND EXHAUST FAN (2 SWITCH)
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR

SYM		DOOR SCHED.	
I.D.	SIZE	TYPE	QTY.
1	3068	STEEL INS. - ENTRY WITH SIDE LIGHT	1
2	2868	STEEL INS. - ENTRY	1
3	5080	FULL LIGHT - SLIDER	1
4	2868	1 HR. FIRE RATED	1
5	2668	WOOD - INTERIOR	15
6	3068	CASED OPENING	4
7	4068	CASED OPENING	1
8	6068	WOOD - SLIDER	2

SYM		WINDOW SCHED.	
I.D.	SIZE	TYPE	QTY.
1	124"x48"	PICTURE WITH (2) SIDE LIGHTS	1
2	64"x54"	(2) DOUBLE HUNG	2
3	32"x54"	DOUBLE HUNG	1
4	48"x36"	DOUBLE CASEMENT	1
5	24"x36"	DOUBLE HUNG - TEMPERED	2
6	72"x54"	(2) DOUBLE HUNG - EGRESS	2
7	72"x54"	(2) DOUBLE HUNG - TEMPERED	1
8	36"x54"	DOUBLE HUNG - EGRESS	6
9	30"x48"	DOUBLE HUNG	4
9	24"Ø	CIRCULAR	1

ALL WINDOWS TO BE LOW "E" ARGON GAS FILLED WITH A U-FACTOR OF NOT MORE THAN 0.28, INSULATED WITH THERMAL-BREAK FRAMES.

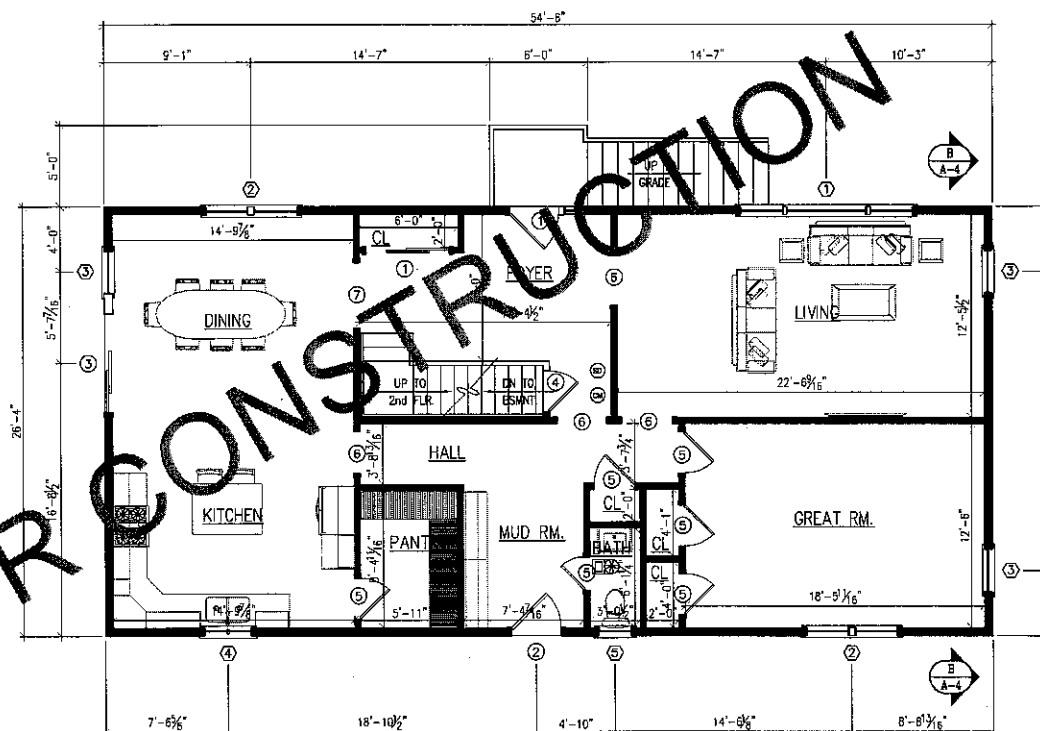
ALL WINDOWS SHALL BE EXTERIOR CLAD. SUPPLY SCREENS AS REQUIRED. PROVIDE TEMPERED GLASS WINDOWS AT ALL DOOR, STAIRS, AND TUB SHOWER LOCATIONS. PROVIDE EGRESS WINDOWS AT ALL BEDROOM LOCATIONS.

THIS IS A PRELIMINARY WINDOW SCHEDULE. ATLANTIC CONSULTING & ENGINEERING DOES NOT TAKE ANY RESPONSIBILITY FOR SIZES, LOCATIONS, FRAMES, ETC. UNTIL ACCURATE DETAILS HAVE BEEN SUBMITTED FOR REVIEW. VERIFICATION OF EXACT WINDOW SIZES, ROUGH OPENINGS, ETC. RESTS SOLELY WITH THE GENERAL CONTRACTOR AND/OR THE OWNER.

BED ROOMS TO BE EQUIPPED WITH ARC-FAULT CIRCUIT INTERRUPT (AFCI) RECEPTACLES

BATH ROOMS TO BE EQUIPPED WITH GROUND-FAULT CIRCUIT INTERRUPT (GFCI) RECEPTACLES

AREAS WITHIN 36" OF AN OPEN WATER SOURCE TO BE EQUIPPED WITH GROUND-FAULT CIRCUIT INTERRUPT (GFCI) RECEPTACLES



1st FLOOR PLAN
SCALE: 1/4"=1'-0"

LEGEND:

- NEW 2x4 & 2x6 WOOD FRAMED WALLS
- LIGHT AND EXHAUST FAN (2 SWITCH)
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR

O SYM		DOOR SCHED.	
ID.	SIZE	TYPE	QTY.
1	3068	STEEL INS. -- ENTRY WITH SIDE LIGHT	1
2	2668	STEEL INS. -- ENTRY	1
3	5060	FULL LIGHT -- SLIDER	1
4	2668	1 HR. FIRE RATED	1
5	2668	WOOD -- INTERIOR	15
6	3068	CASED OPENING	4
7	4068	CASED OPENING	1
8	6068	WOOD -- SLIDER	2

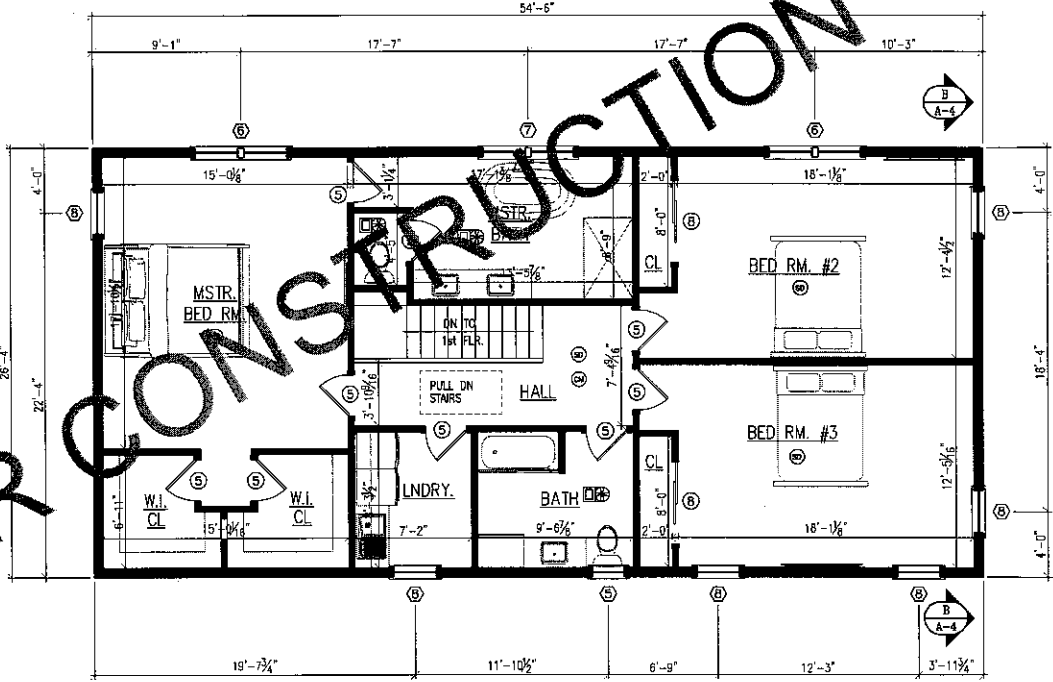
SYM		WINDOW SCHED.	
LD.	SIZE	TYPE	QTY.
1	124"x48"	PICTURE WITH (2) SIDE LIGHTS	1
2	64"x54"	(2) DOUBLE HUNG	2
3	32"x54"	DOUBLE HUNG	1
4	48"x36"	DOUBLE CASEMENT	1
5	24"x36"	DOUBLE HUNG - TEMPERED	2
6	72"x54"	(2) DOUBLE HUNG - EGRESS	2
7	72"x54"	(2) DOUBLE HUNG - TEMPERED	1
8	36"x54"	DOUBLE HUNG - EGRESS	6
9	30"x48"	DOUBLE HUNG	4
9	24"ø	CIRCULAR	1

ALL WINDOWS TO BE LOW "E" ARGON GAS FILLED WITH U-FACTOR OF NOT MORE THAN 0.29, INSULATED WITH THERMAL-BREAK FRAMES.

ALL WINDOWS SHALL BE EXTERIOR CLAD. SURVEY SCREENS AS REQUIRED. PROVIDE TEMPERED GLASS WINDOWS AT ALL DOORS, STAIRS, AND TUB/SHOWER LOCATIONS. PROVIDE EGRESS WINDOWS AT ALL BED ROOM LOCATIONS.

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BED ROOMS TO BE EQUIPPED WITH ARC-FAULT CIRCUIT INTERRUPT (AFCI) RECEPTACLES
BATH ROOMS TO BE EQUIPPED WITH GROUND-FAULT CIRCUIT INTERRUPT (GFCI) RECEPTACLES
AREAS WITHIN 36" OF AN OPEN WATER SOURCE TO BE EQUIPPED WITH GROUND-FAULT CIRCUIT INTERRUPT (GFCI) RECEPTACLES



2nd FLOOR PLAN
SCALE: 1/4"=1'-0"

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Seal:

Sheet Title:
2nd FLOOR
PLAN

Scale:
AS NOTED

Sheet Number:
A-2

LEGEND:

- NEW 2x4 & 2x6 WOOD FRAMED WALLS
- LIGHT AND EXHAUST FAN (2 SWITCH)
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR

SYM		DOOR SCHED.	
I.D.	SIZE	TYPE	QTY.
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7	72"x54"	(2) DOUBLE HUNG - TEMPERED	1
8	36"x54"	DOUBLE HUNG - EGRESS	1
9	30"x48"	DOUBLE HUNG	4
9	24"Ø	CIRCULAR	1

ALL WINDOWS TO BE LOW "E" ARGON GAS FILLED WITH "U" FACTOR OF NOT MORE THAN 0.25, INSULATED WITH THERMAL-BREAK FRAMES.

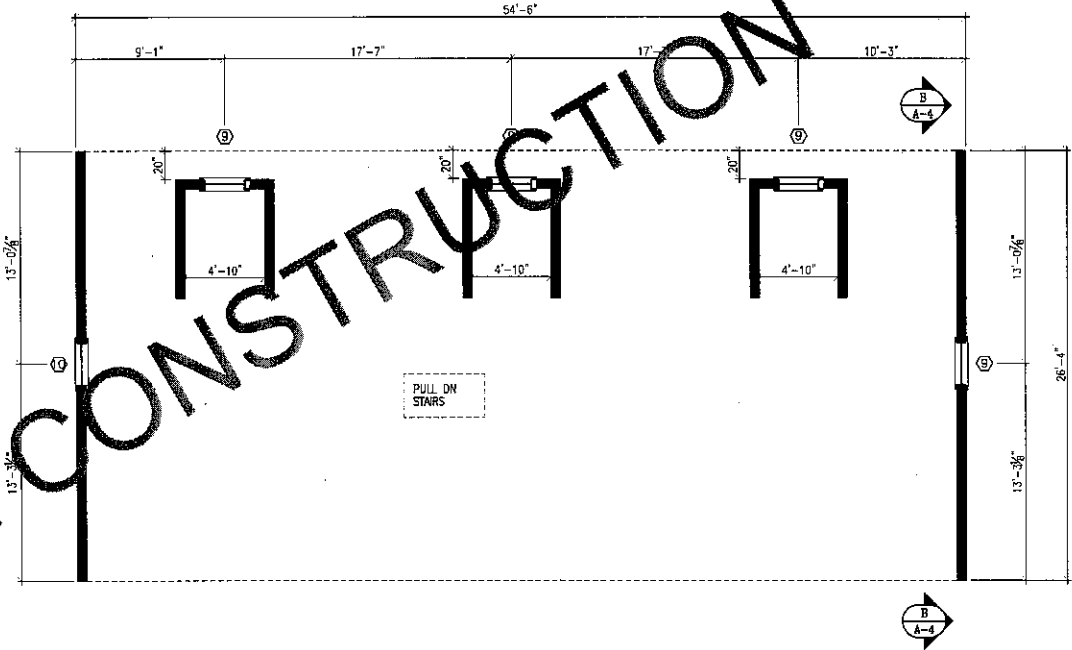
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BATH ROOMS TO BE EQUIPPED WITH GROUND-FAULT CIRCUIT INTERRUPT (GFCI) RECEPTACLES

AREAS WITHIN 36" OF AN OPEN WATER SOURCE TO BE EQUIPPED WITH GROUND-FAULT CIRCUIT INTERRUPT (GFCI) RECEPTACLES



ATTIC FLOOR PLAN
SCALE: 1/4"=1'-0"

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Seal:

Sheet Title:
ATTIC FLOOR PLAN

Scale:
AS NOTED

Sheet Number:
A-3

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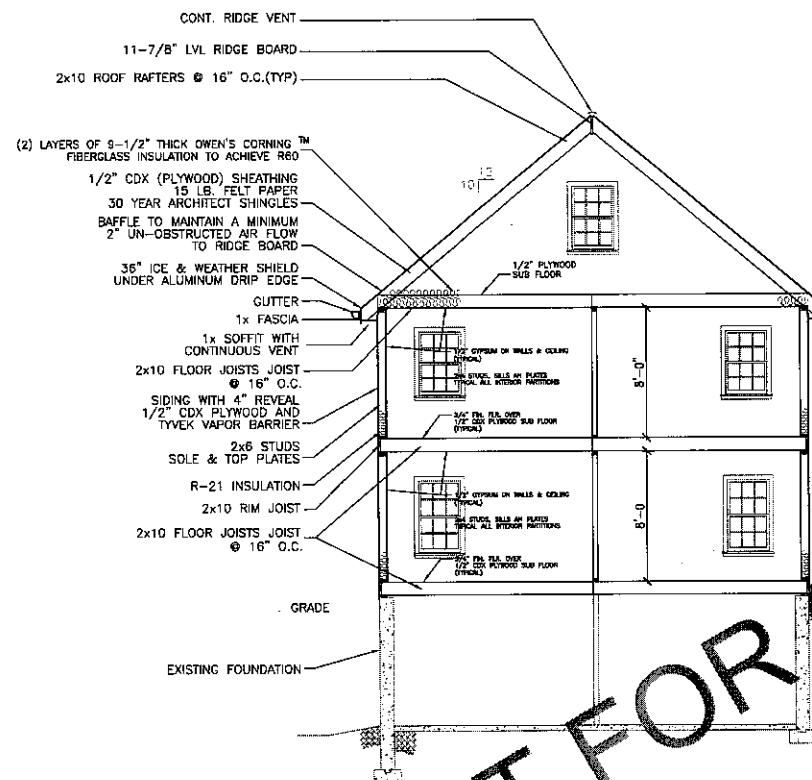
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**SECTION
DETAILS**

Scale:
AS NOTED

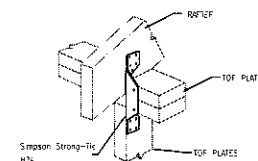
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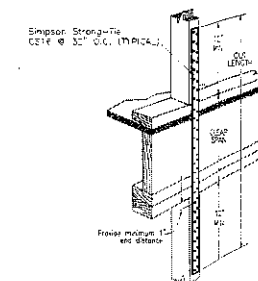
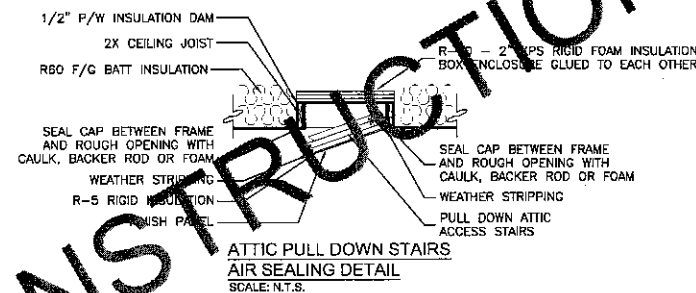


NOTE

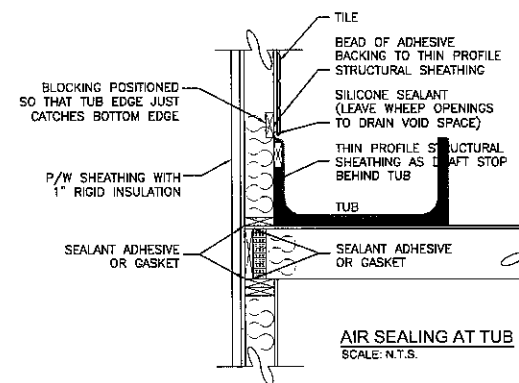
ALL DIMENSIONS TO BE VERIFIED WITH EXISTING CONDITIONS IN FIELD



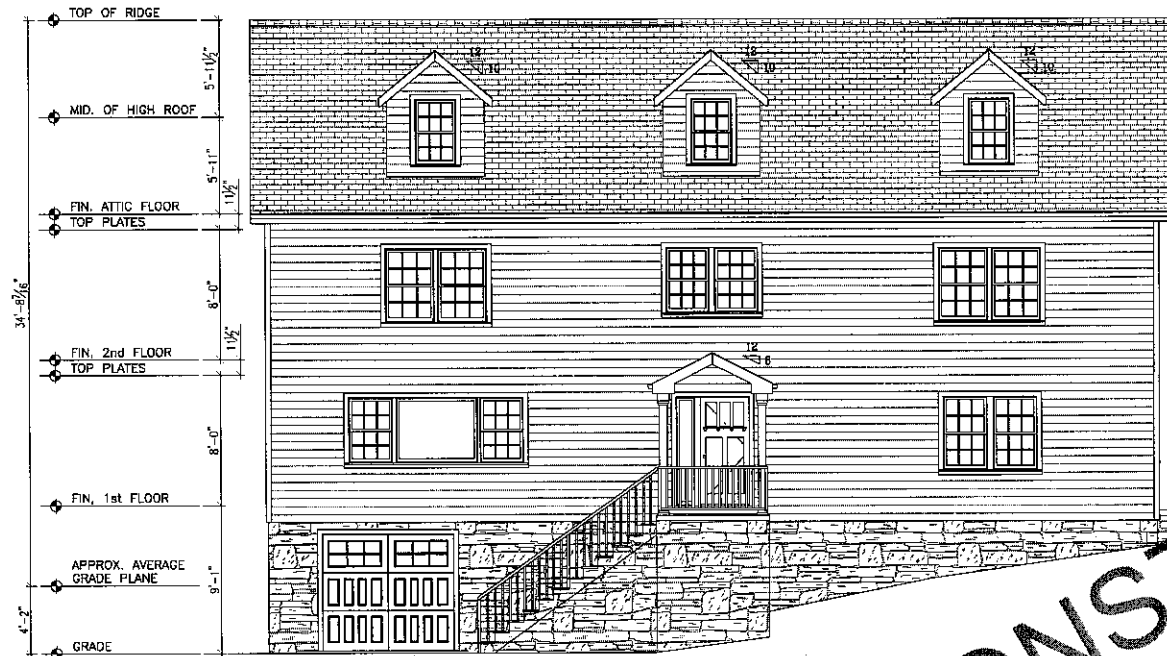
STUD WALL TO RAFTER
SCALE: N.T.S.



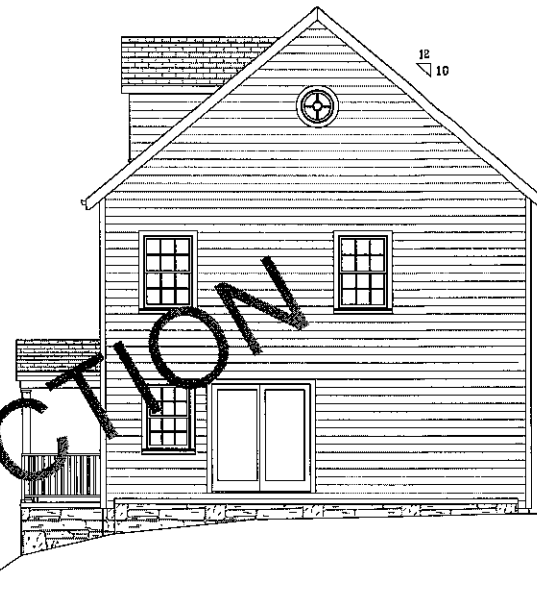
FLOOR TO FLOOR
HIGH WIND HOLD DOWN
SCALE: N.T.S.



AIR SEALING AT TUB
SCALE: N.T.S.



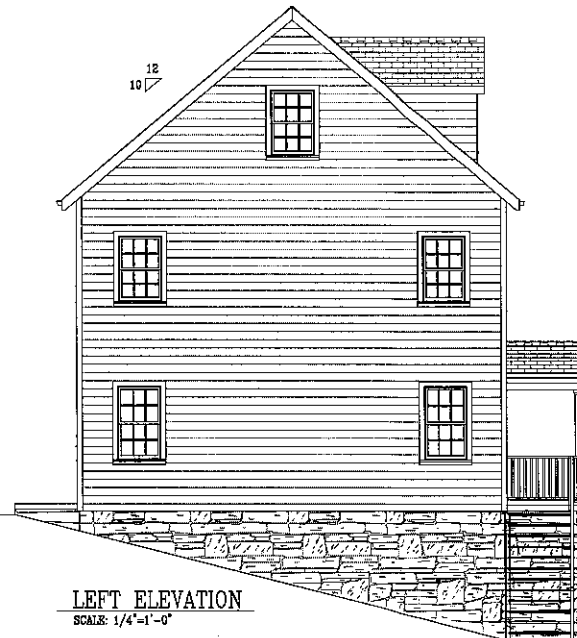
FRONT ELEVATION



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



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



LEFT ELEVATION
SCALE: 1/4"=1'-0"

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Seal:

Sheet Title:
ELEVATIONS

Scale:
AS NOTED

Sheet Number:
A-5

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Seal:

Sheet Title:
FOUNDATION
PLAN

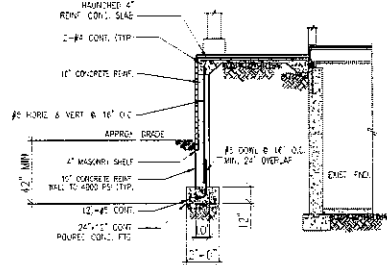
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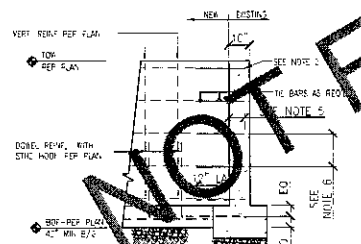
F-1

LEGEND:

EXISTING WOOD STUD WALLS TO REMAIN
EXIST. MASONRY WALLS

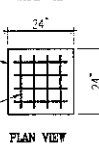
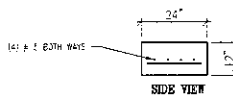


PORCH WALL SECTION DETAIL
SCALE: 1/4"=1'-0"



1. DRILL CORRECT DIA. HOLE 1/2" DEEPER THAN SPECIFIED EMBEDMENT.
2. USE MIN 18" LONG DEFORMED REINF. BAR, UNO.
3. MATCH PINNING BAR SIZE TO NEW WALL REINF.
4. EPOXY PINNING BARS w/HULT HT100.
5. EMBED ALL PINNING BARS MINIMUM 8" OR 8" OF "W". UNO ON PLANS, UNO
6. VERTICAL OR SPACING TO MATCH NEW WALL REINFORCEMENT. (12" O.C. TYPICAL)

TYPICAL CONC. WALL PINNING DETAIL
SCALE: 1/4"=1'-0"

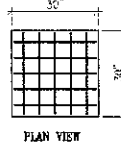
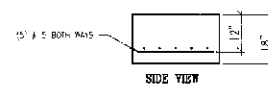


24x24 FOOTING PAD DETAIL
SCALE: 1/2"=1'-0"

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

NOTE:

DETAILS FOR FOUNDATION WALL REPAIR ALONG WITH CAP AND SILL PREPARATION WILL BE GENERATED AFTER INSPECTION OF THE ENTIRE FOUNDATION WHICH WILL BE COMPLETED AFTER ENTIRE WOOD STRUCTURE IS DEMOLISHED.



30x30 FOOTING PAD DETAIL
SCALE: 1/2"=1'-0"

HEADER SCHEDULE

ALL EXTERIOR HEADERS SHALL BE DBL 2x12 JOIST (AND ON PLAYS)

SILL HEIGHTS TO BE NOT MORE THAN 44" ABOVE SUB-FLOOR

ALL INTERIOR LOAD BEARING HEADERS SHALL BE AS FOLLOWS: (UNO ON PLAYS)

CLEAR SPAN	PLY	MEMBER SIZE	# OF JACK STUDS	# OF KING STUDS
0' TO 3'	2	2x6	1	1
3' TO 5'	2	2x8	1	1
5' TO 8'	2	2x10	2	1
8' OR +		1-3/4" WAS SPECIFIED LVL		

ALL INTERIOR NON-LOAD BEARING TO BE:

- 2-2x4 - SPICES UP TO 3'-4"
- 2-2x6 - SPICES OVER 3'-4"

LVL - 1x4 MICROLAM 2.0E (SEE PLANS FOR SIZES)

SPF - SPRUCE, PINE, FIR #2 (ON BETTER)

RA 9x4 OR 1 1/4" 110, 230, 360, 580 1.8E

SEE PLANS FOR SIZE AND SERIES USED

CRITERIA:

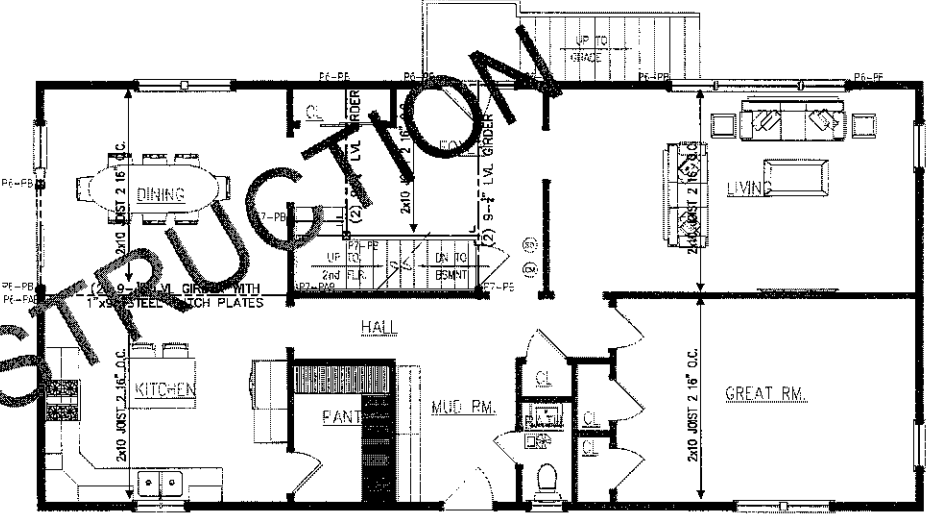
MAXIMUM DEFLECTION = L/360

LL = 40 AND DL = 10

LVL CONNECTOR SCHEDULE:	
(2) LVLs	SIMPSON POST 3.516 (OR EQUIV.)
(3) LVLs	SIMPSON POST 5.516 (OR EQUIV.)
(4) LVLs	SIMPSON POST 7.00 (OR EQUIV.)
NOTES:	
1. METAL FRAMING CONNECTORS TO BE SIMPSON-STRONG TIE OR EQUIV.	
2. SEE TYPICAL WOOD DETAILS ON PLANS FOR POST CONNECTION DETAILS.	
3. INSTALL METAL FRAMING CONNECTORS MANUFACTURERS RECOMMENDATION	

COLUMN SCHEDULE			
MARK	PLY	SIZE	COMMENTS
P1	1	3x12 PSL	
P2	1	3x12 PSL	
P3	1	3x12 PSL	
P4	1	3x12 PSL	
P5	1	3x12 PSL	
P6	4	3x12 SPF	SEE NOTES
P7	4	3x12 SPF	SEE NOTES
P8	3	3x12 SPF	SEE NOTES
P9	3	3x12 SPF	SEE NOTES
P10	1	4x4 TREATED	SEE NOTES
P11	1	6x6 SPF	PRESSURE TREATED
SC1	-	4x9 HSS	1/2" WALL
SC2	-	3x3 HSS	
SC3	-	3x3 HSS	
SC4	-	4x4 HSS	1/2" WALL
SC5	-	3x6 HSS	
SC6	-	6x6 HSS	
SC7	-	7x7 HSS	
SC8	-	12x12 HSS	1/2" WALL THICKNESS
(P1-X) OR (P1-X) INDICATES STEEL HSS (P1-X) INDICATES WOOD POST MARK: (P) = ABOVE, (B) = BELOW, (PAB) = ABOVE & BELOW LOCATION (T OR B), WHEN NOTED METAL FRAMING CONNECTION, WHEN NOTED			
NOTES: 1. WOOD POSTS NOT INDICATED ON PLAN TO BE MIN. 4x4 SPF#2 OR EQUIVALENT 2. BUILT UP POSTS SHALL BE MIN. 16d @ 12" OC STAG. 3. RECOMMENDED COLUMNS ARE SUBJECT TO REPLACEMENT WITH EQUAL. 4. ALL LUMBER EXPOSED TO THE ELEMENTS MUST BE PRESSURE TREATED. PSL = PARALLEL STRAND LUMBER - USE 2.0E SPF = SPRUCE, PINE, FIR - USE MIN. #2 LUMBER HSS = HOLLOW STRUCTURAL SHAPE			

JOIST RAFTER DIRECTION	→
EXIST. JOIST RAFTER DIRECTION	→
(?) 1x12 LVL GIRDER / HEADER	
EXISTING LVL GIRDER / HEADER	
STEEL GIRDER / HEADER	
EXIST. STEEL GIRDER / HEADER	
FLUSH CONNECTION	



2nd FLOOR FRAMING PLAN (Over 1st Floor)
SCALE: 1/4"=1'-0"

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Seal:

Sheet Title:
2nd FLOOR
FRAMING PLAN

Scale:
AS NOTED

Sheet Number:
S-2

HEADER SCHEDULE

ALL EXTERIOR HEADERS SHALL BE DBL
2x11 @ 8" (NO ON PLAYS)
SILL HEIGHTS TO BE NOT MORE THAN
44" ABOVE SUB-FLOOR

ALL INTERIOR LOAD BEARING HEADERS SHALL
BE AS FOLLOWS: (LND ON PLANS)

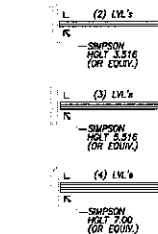
CLEAR SPAN	PLY	MEMBER SIZE	# OF JACK STUDS	# OF KING STUDS
0' TO 3'	2	2x8	1	1
3' TO 6'	2	2x8	1	1
6' TO 8'	2	2x10	2	1
8' OR +	1-3/4"	1-3/4" WAS SPECIFIED LVL		

ALL INTERIOR NON-LOAD BEARING TO BE:
2-2x8 - SPICES UP TO 3'-4"
2-2x6 - DRIVES OVER 3'-4"

LVL = 1 1/2" MICROLAM 2.0E (SEE PLANS FOR SIZES)
SPF = SPRUCE PINE FIR #2 (OR BETTER)
T&B = 9/8" OR 1 1/4" 110, 230, 350, 550, 1.0E
SEE PLANS FOR SIZE AND SERIES USED

CRITICAL
MAXIMUM DEFLECTION = L/360
LL = 40 AND DL = 15

LVL CONNECTOR SCHEDULE:



NOTES:

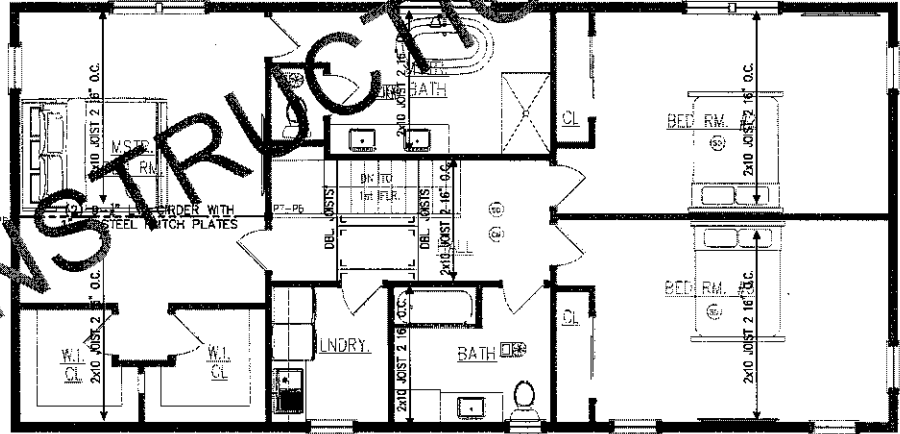
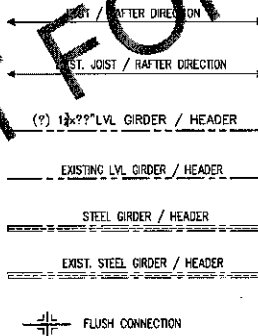
1. METAL FRAMING CONNECTORS TO BE SIMPSON-STRENGTH TIE OR EQUIV.
2. SEE TYPICAL WOOD DETAILS ON PLANS FOR POST CONNECTION DETAILS.
3. INSTALL METAL FRAMING CONNECTORS PER MANUFACTURER'S RECOMMENDATIONS.

COLUMN SCHEDULE

MARK	PLY	SIZE	COMMENTS
P1	1	3x7 PSL	
P2	1	3x7 PSL	
P3	1	3x7 PSL	
P4	1	3x7 PSL	
P5	1	3x7 PSL	
P6	4	3x10 SPF	SEE NOTES
P7	4	3x10 SPF	SEE NOTES
P8	3	3x10 SPF	SEE NOTES
P9	3	3x10 SPF	SEE NOTES
P10	1	4x4 SPF	SEE NOTES
P11	1	6x6 SPF	PRESSURE TREATED
SC1	1	4" HSS	1/2" WALL
SC2	1	3x3" HSS	
SC3	1	3x3" HSS	
SC4	1	4x4" HSS	1/2" WALL
SC5	1	2x2" HSS	
SC6	1	6x6" HSS	
SC7	1	7x7" HSS	
SC8	1	12x12" HSS	3/4" WALL THICKNESS

(P1)-(P8) OR (P1)-(P8) INDICATES STEEL HSS
(P1)-(P8) INDICATES WOOD POST
MARK: PA = ABOVE, PB = BELOW
POST DIRECTION: PA = ABOVE, PB = BELOW
LOCATION: (T) OR (B) WHEN MOVED
METAL FRAMING CONNECTOR, WHEN NOTED

- NOTES:
1. WOOD POSTS NOT INDICATED ON PLAN TO BE MIN. 4x4 SPF#2 OR EQUIVALENT
 2. BUILT UP POSTS SHALL BE MIN 100 @ 12" OC
 3. RECOMMENDED COLLUMNS ARE SUBJECT TO REPLACEMENT WITH EQUAL
 4. ALL LUMBER EXPOSED TO THE ELEMENTS MUST BE PRESSURE TREATED.
- PSL = PARALLEL STRAND LUMBER - USE 2.0E
SPF = SPRUCE PINE FIR - USE MINIMUM LUMBER
HSS = HOLLOW STRUCTURAL



ATTIC FLOOR FRAMING PLAN (Over 2nd Floor)
SCALE: 1/4"=1'-0"

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HOME RENOVATION
120 IVY HILL RD.
RIDGEFIELD, CT

Job Number:
24-6053

Start Date:
4/5/24

Issued For: Date:
APPROVAL 5/14/24
PERMIT 5/17/24

REVISION Date:

Drawn By: Checked By:
TJP JEQ

Seal:

Sheet Title:
ATTIC FLOOR
FRAMING PLAN

Scale:
AS NOTED

Sheet Number:
S-3

HEADER SCHEDULE				
ALL EXTERIOR HEADERS SHALL BE DBC 2x10 (80#) (UNO ON PLANS)				
SILL HEIGHTS TO BE NOT MORE THAN 44" ABOVE SUB-FLOOR				
ALL INTERIOR LOAD BEARING HEADERS SHALL BE AS FOLLOWS: (UNO ON PLANS)				
CLEAR SPAN	PLY	MEMBER SIZE	# OF JACK STUDS	# OF KING STUDS
0' TO 3'	2	2x6	1	1
3' TO 6'	2	2x8	1	1
6' TO 8'	2	2x10	2	1
8' OR +	1-3/4"	AS SPECIFIED LVL		
ALL INTERIOR NON-LOAD BEARING TO BE:				
2-2x4 - SPACED UP TO 3'-4"				
2-2x6 - SPACED OVER 3'-4"				
LVL - 1 1/2" MICROLAM 2.0E (SEE PLANS FOR SIZES)				
SPF - SPRUCE-PINE-FIR #2 (OR BETTER)				
TJI - 82" OR 1 1/2" 110, 230, 360, 580 1.8E				
SEE PLANS FOR SIZE AND SERIES USED				
CRITERIA:				
MAXIMUM DEFLECTION = L/360				
LL = 40 AND DL = 15				

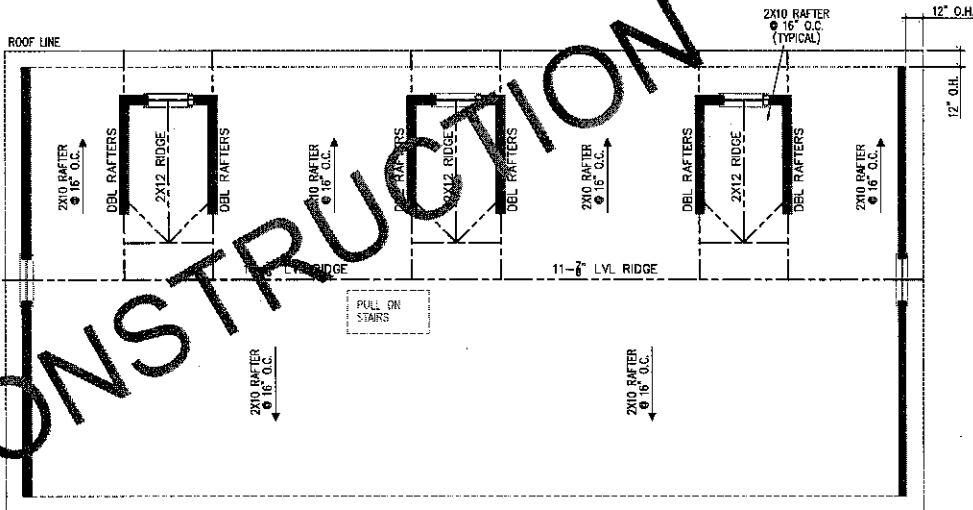
LVL CONNECTOR SCHEDULE:	
(2) LVLs	SIMPSON HOLT 3.516 (OR EQUIV.)
(3) LVLs	SIMPSON HOLT 3.516 (OR EQUIV.)
(4) LVLs	SIMPSON HOLT 3.516 (OR EQUIV.)

NOTES:

1. METAL FRAMING CONNECTORS TO BE SIMPSON-STRENGTH TIE OR EQUIV.
2. SEE TYPICAL WOOD DETAILS ON PLANS FOR POST CONNECTION DETAILS.
3. INSTALL METAL FRAMING CONNECTORS PER MANUFACTURERS RECOMMENDATION.

COLUMN SCHEDULE		
MARK	PLY	SIZE
P1	1	3x4" PSL
P2	1	3x4" PSL
P3	1	3x4" PSL
P4	1	3x4" PSL
P5	1	3x4" PSL
P6	4	3x4" SPF
P7	4	3x4" SPF
P8	3	3x4" SPF
P9	3	3x4" SPF
P10	1	4x4" SPF
P11	1	6x6" SPF
SC1	-	4" HSS
SC2	-	3x3" HSS
SC3	-	3x3" HSS
SC4	-	4x4" HSS
SC5	-	6x6" HSS
SC6	-	7x7" HSS
SC7	-	12x12" HSS
1/2" WALL THICKNESS		
NOTES:		
1. WOOD POSTS NOT INDICATED ON PLAN TO BE MIN. 4x4 SPF#2 OR EQUIVALENT		
2. BUILT UP POSTS SHALL BE MIN. 104 @ 12" O.C.		
3. RECOMMENDED COLUMNS ARE SUBJECT TO REPLACEMENT WITH EQUAL.		
4. ALL LUMBER EXPOSED TO THE ELEMENTS MUST BE PRESSURE TREATED.		
PSL = PARALLEL STRAND LUMBER - USE 2.0E		
SPF = SPRUCE PINE FIR - USE MIN. #2 LUMBER		
HSS = HOLLOW STRUCTURAL SHAPE		

JOIST / RAFTER DIRECTION
EXIST. JOIST / RAFTER DIRECTION
1x12 LVL GIRDER / HEADER
EXISTING LVL GIRDER / HEADER
STEEL GIRDER / HEADER
EXIST. STEEL GIRDER / HEADER
FLUSH CONNECTION



ROOF FRAMING PLAN (Over Attic Floor)
SCALE: 1/4"=1'-0"

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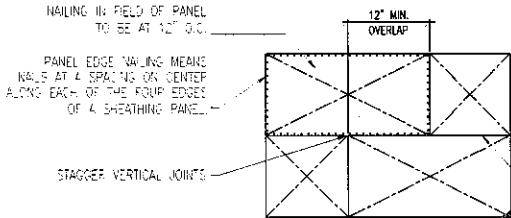
HOME RENOVATION
120 IVY HILL RD.
RIDGEFIELD, CT

Job Number:	24-6053
Start Date:	4/5/24
Issued For:	Date:
APPROVAL	9/18/24
PERMIT	9/17/24
REVISION	Date:
Drawn By:	Checked By:
TJP	JEQ
Seal:	
Sheet Title:	ROOF FRAMING PLAN
Scale:	AS NOTED
Sheet Number:	S-4

DESIGN WIND PRESSURE COMPONENTS (ASCE 7-10)

BUILDING HEIGHT	=	32.5 ft.
ROOF ANGLE	=	34.0 deg
BASIC WIND SPEED - (Vbasic)	=	120.0 mph
CATEGORY OF TERRAIN	=	ZONE "C" FLAT AREAS WITH OBSTRUCTIONS BELOW THIRTY FEET IN HEIGHT.
EXPOSURE CATEGORY	=	(0.002048)
DESIGN WIND PRESSURE	=	(26 LBS. PER S/F)

LOCATION	Ps30 (psf)	I	ADJUSTMENT FACTOR	ENDING P (psf)
ZONE A	21.60	1.00	1.00	21.60
ZONE B	14.80	1.00	1.00	14.80
ZONE C	17.20	1.00	1.00	17.20
ZONE D	11.80	1.00	1.00	11.80
ZONE E	1.70	1.00	1.00	10.00
ZONE F	-13.10	1.00	1.00	-13.10
ZONE G	0.80	1.00	1.00	10.00
ZONE H	-11.30	1.00	1.00	-11.30
5th	-7.00	1.00	1.00	-10.00
6th	-8.70	1.00	1.00	-10.00



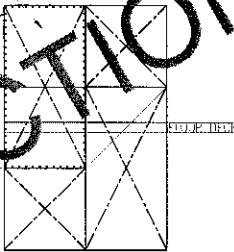
NAILING PATTERNS FOR SHEARWALL & ROOF SHEATHING
SCALE: N.T.S.

NOTE:
2ND FLOOR:
TYPE 1 - PANEL EDGE NAILING IS 6d COMMON AT 6" O.C. ETC.
1ST FLOOR:
TYPE 2 - PANEL EDGE NAILING IS 6d COMMON AT 4" O.C. ETC.
PROVIDE BLOCKING AT ALL SEAMS BETWEEN STUDS.

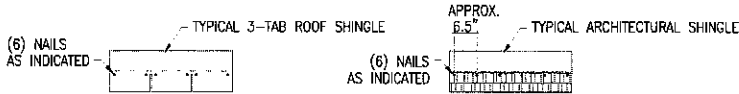
NAILING IN FIELD OF PANEL TO BE AT 12" O.C.
PROVIDE BLOCKING AT ALL SEAMS BETWEEN STUDS.

PANEL EDGE NAILING MEANS NAILS AT 4" SPACING ON CENTER ALONG EACH OF THE FOUR EDGES OF A SHEATHING PANEL.

STAGGER VERTICAL JOINTS



NAILING PATTERNS FOR BRACING BETWEEN FLOORS
SCALE: N.T.S.



HIGH WIND NAILING PATTERN FOR ROOF SHINGLES
SCALE: N.T.S.

PERFORATED SHEARWALL DETAIL
SCALE: 1/8"=1'-0"

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Checked By: JEQ

Seal:

Sheet Title:
BRACE WALL
DETAILS

Scale:
AS NOTED

Sheet Number:
S-5

