

TOWN OF HARWICH
HISTORIC DISTRICT AND
HISTORICAL COMMISSION



RECEIVED

DEC 09 2021

BUILDING DEPT

Please submit this application to: Town of Harwich Building Department
732 Main Street, Harwich, MA 02645
Telephone: (508) 430-7506 Fax: (508) 430-4703

Application fee: \$55

Harwich General By-Laws, Chapter 131, Article II, §131-8.A, Notice of Intent to Demolish. Before any building constructed prior to one hundred years before the present calendar year is demolished in whole or in part, a Notice of Intent to do so will be filed with the Commission.

Application for Notice of Intent

I, CARLINE BLANC, intend to demolish in whole or in part the structure located at
(Print Owner/Applicant's Name)

265 CHRISTMAN RD HARWICH 34 176-0 RR
(Street Number) (Street Name) (Village), (Assessor's Map) (Parcel #) (Zoning District(s))

Section 1 - Owner/Applicant Information (Note: A non-owner may apply, however written authorization of the owner is required at the time of submittal of this Application)

Owner Carinne Blanc Telephone (508) 737-5920

Mailing Address 265 Christman Road, Harwich Email Address cblanc@sturgischarter-school.org

Legal Owner's Authorization Carinne Blanc Carinne Blanc

Applicant (if different) _____ Telephone _____

Mailing Address (if different) _____ Email Address _____

Section 2 - Determination of Historical Significance

Description of Structure to be demolished (in whole or in part) The Mariv house is on the front, right side is 14'0", left side is 23' deep. it is an "L" shaped house.

Date Building was Constructed 1850

Which records were used to establish this date? There is a Plaque over the front door of the house.

Is the building listed on the National or Massachusetts Register of Historic Places?
No. _____ Yes. If yes, which register? _____

Original Owner if known _____

Subsequent Owners if known _____

Section 2 - Determination of Historical Significance - Con't

Has the property been associated with any noteworthy events or with the political, cultural, economic, or social history of the Town or Region? Please list: _____

Type of Architectural Style: Could be "Homespun"? or Early 1900's Green Revival?

Method of Construction: Balloon Frame

Type of Materials Used: WOOD

Name(s) of Architect, Designer or Builder if known: _____

Section 3 - Project Plan and Condition of Existing Structures

Full Demolition or Partial Demolition

For Partial Demolition, describe portion(s) to be demolished Remove the exist. Bullhead door, rake and cornerboards, Four (4) windows and WC siding.

Age(s) of portion(s) to be demolished _____

Describe how the remaining structure will be treated and renovated Nothing else will be done with the existing structure. The new addition will be tied into the existing gable and match its trim boards perfectly including the length of the trim. Cornerboards, rakes, frieze & ceiling trim.

List reports detailing condition of structure and results of inspections conducted by certified engineer or other design professional _____

Is there room on the site to relocate the structure or integrate it with the new project? Yes No

Describe what alternatives to demolition have been investigated N/A House has already been moved from original location and installed in a new TDIV.

Section 4 – Filing Requirements

One Certified Abutter List – available from the Assessor’s Office for a fee.

One (1) original and twelve (12) copies of each of the following shall be submitted:

1. Completed Application Form & Owner authorization if required
2. Certified Site Plan and Locus Map
3. Registered Professional(s) Stamped Reports of Inspection
4. Complete set of Photographs (of sufficient quality and number) showing **all:** exterior elevations, significant architectural details, and /or detailing existing conditions supporting claim of conditions
5. List and copies of appropriate references and documents consulted to determine age and historical significance of structure.
6. **For Partial Demolitions:** Plans and Drawings of existing areas to be demolished and final elevations of completed project.

The application shall not be considered complete until the all the above requirements and information are provided and submitted with this application.

Carine BLANC 
(Signature of Applicant/Representative)

12/9/2021
(Date)

For Committee and Staff Only

Date(s) of Hearing or Determination: _____

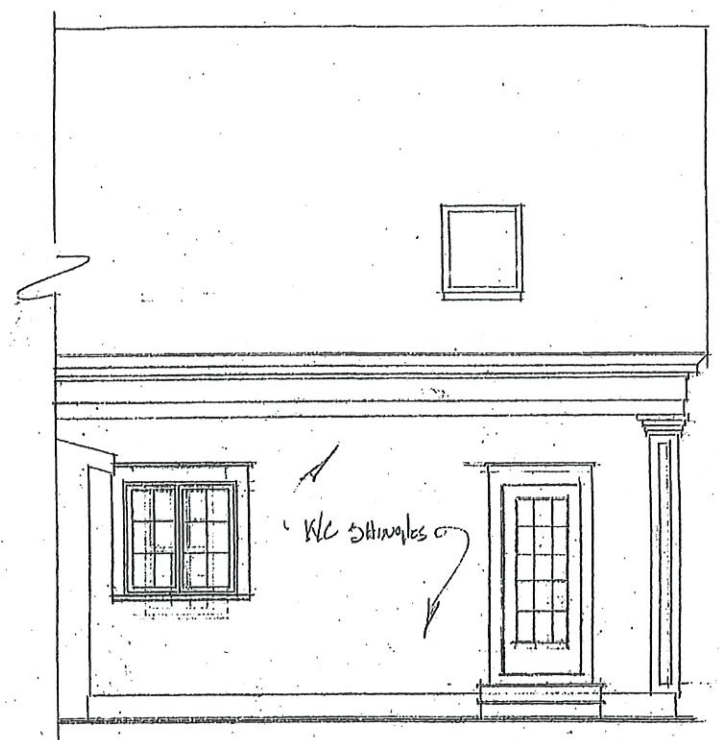
Approved Denied Continued Withdrawn without Prejudice

Comments/Conditions: _____

Board Chair Signature

Date

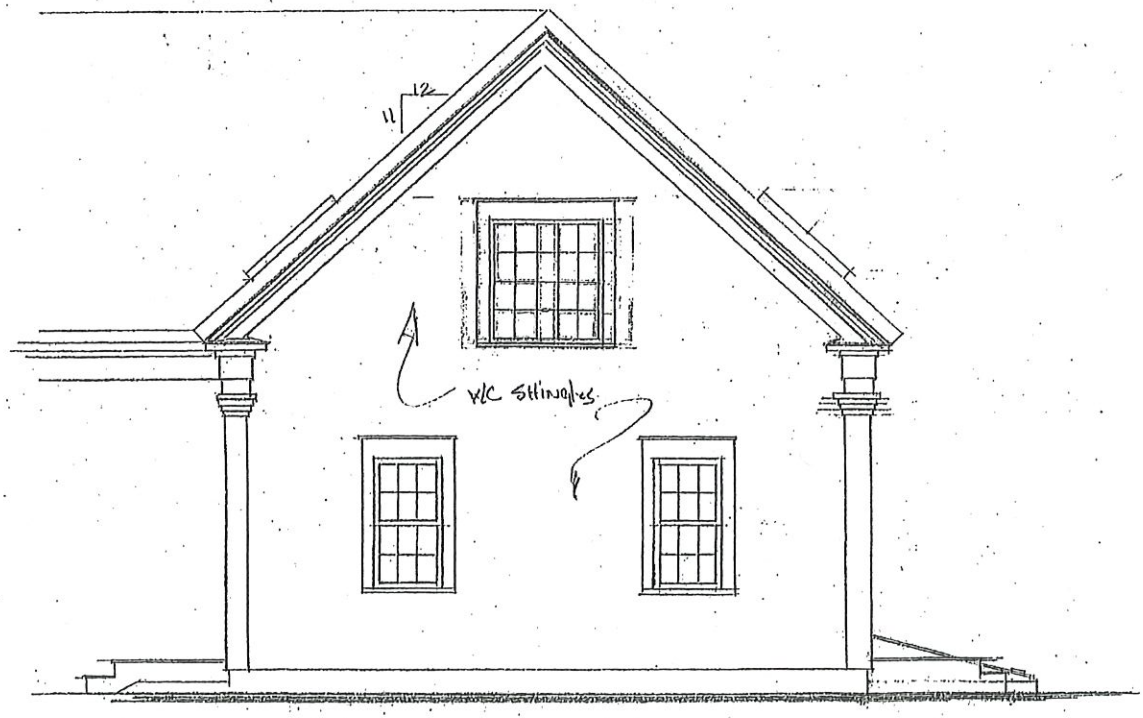
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WEST



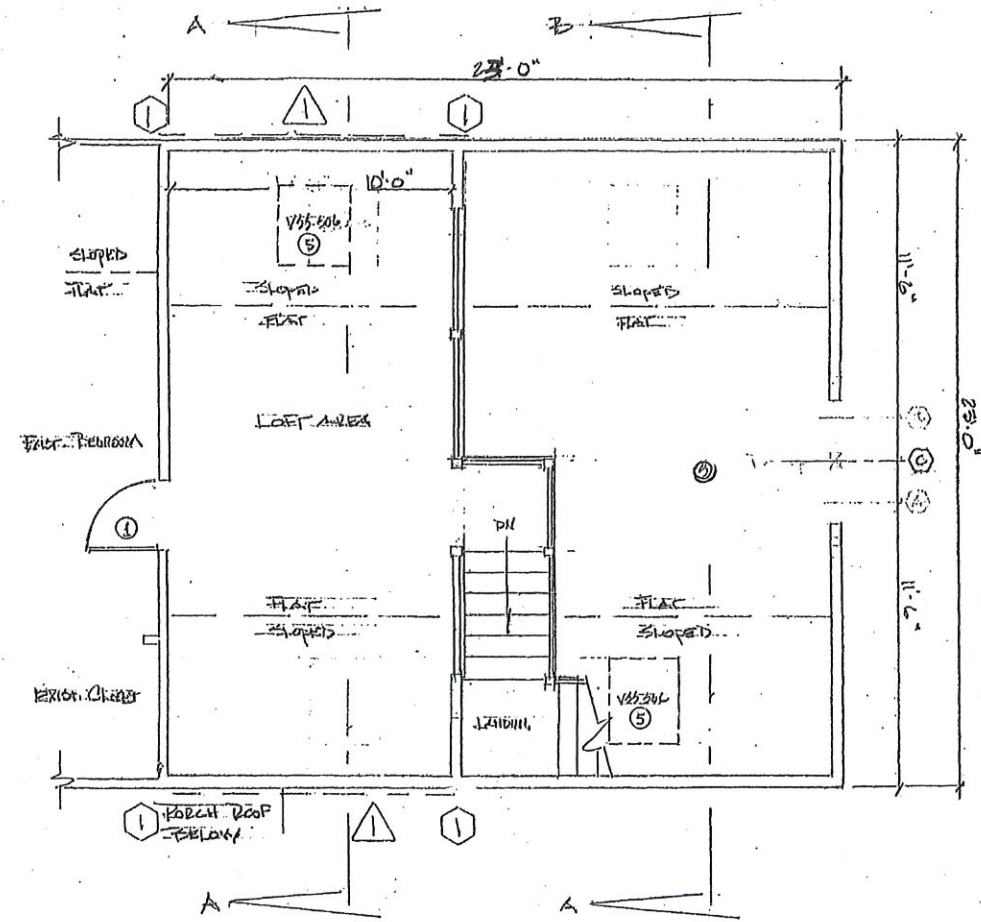
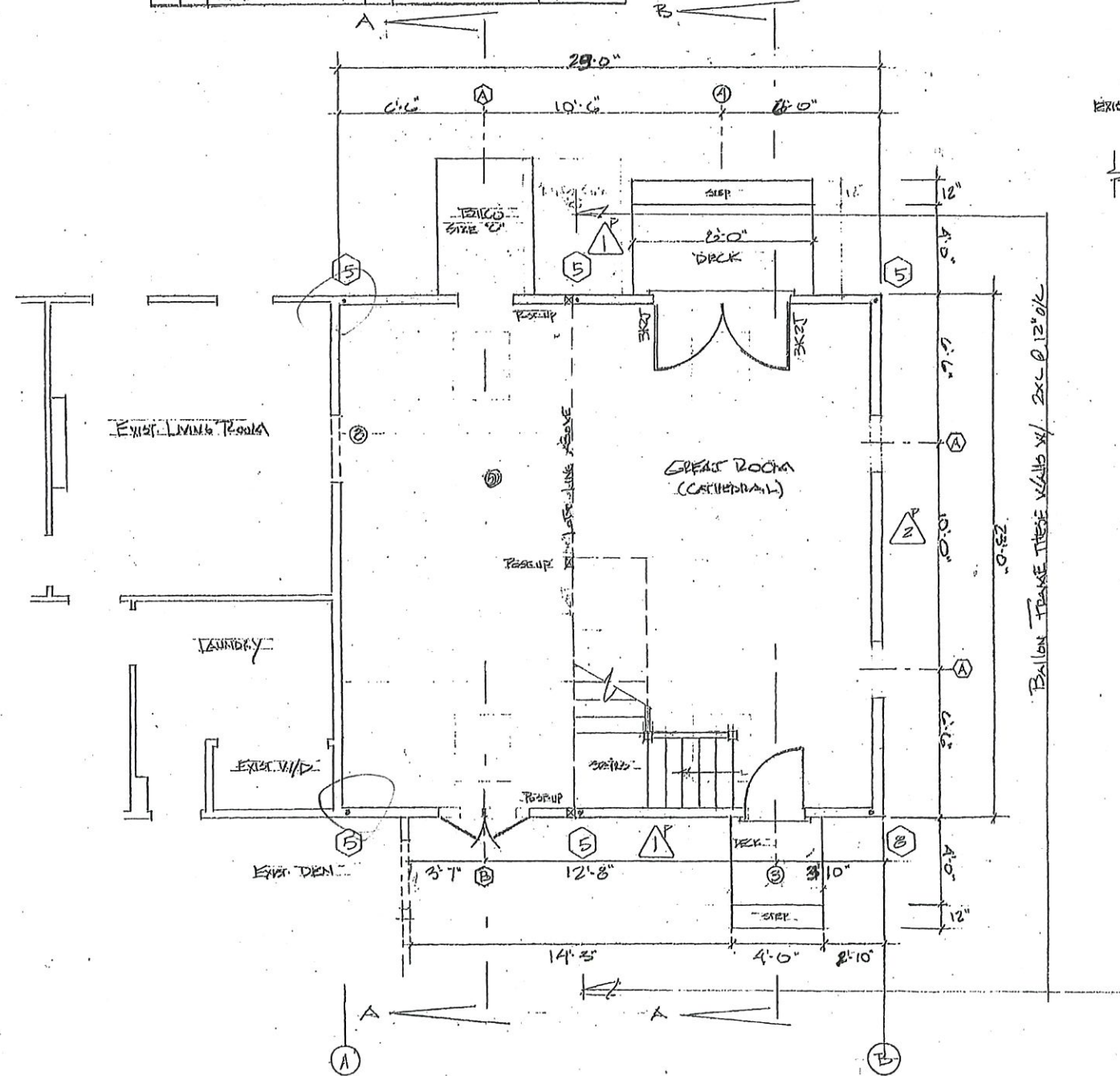
EAST



SOUTH

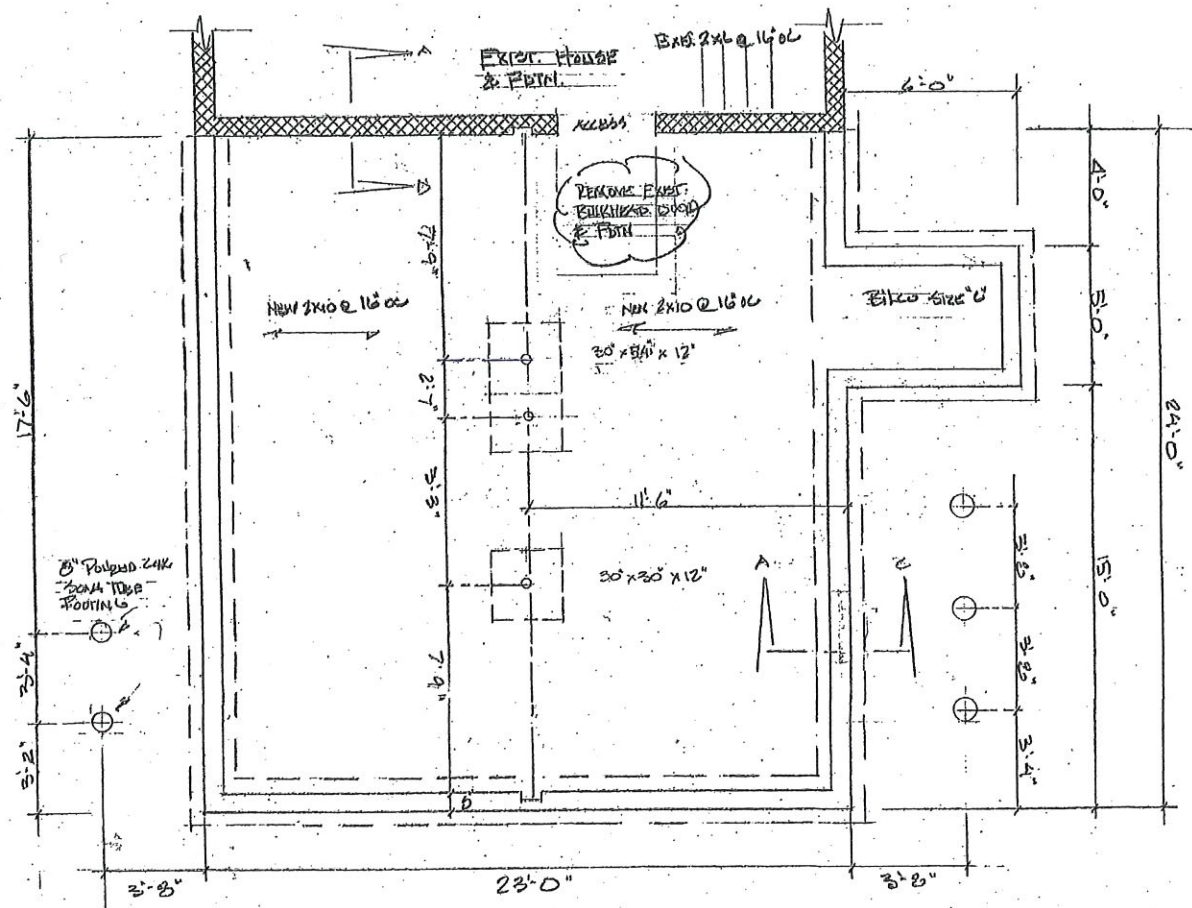
ELEVATIONS		
SCALE: 1/4"=1'-0"	APPROVED BY:	DRAWN BY: Bill S.
DATE: JUNE 2021		REVISED
TOM & CARINE VOSTER 2205 CANTHAM ROAD HARTFORD, MS.		
	DRAWING NUMBER	1

WINDOW & DOOR SCHEDULE				
NO	TYPE	NO.	ROUGH OPENING	STRES
A	ANDERSON 211 TRIMMED 100 SERIES VINYL INT.	3	2'-6 1/2" x 4'-8 1/2"	GLASS 7450P U-Factor .20
B	ANDERSON 211 TRIMMED 100 SERIES VINYL INT.	1	4'-0 1/2" x 4'-0 1/2"	GLASS 1160P U-Factor .20
1	COLONIAL 6 PANEL 24" HT T-COIL	1	2'-2" x 6'-8" RD	
2	24" T-COIL	1	2'-2" x 6'-10" RD	
3	20" GA 9-LINE POOL PRT	1	2'-10" x 6'-10" RD	
4	ANDERSON 211 TRIMMED 100 SERIES VINYL INT.	1	6'-0" x 6'-6"	GLASS 21925P U-Factor .22
5	WELLYS VHS 200 SALAD TOWER SKYLIGHT	2	3'-8 1/4" x 3'-9 1/4"	
C	ANDERSON 211 TRIMMED 100 SERIES VINYL INT.	1	4'-8 1/2" x 4'-0 1/2"	GLASS 7450P U-Factor .20

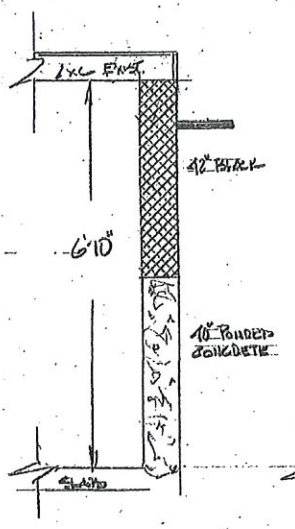
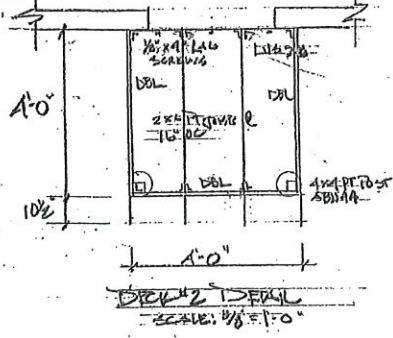
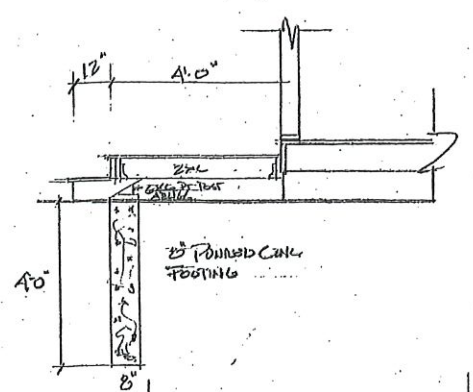


Mark A. Ziegenfuss
Structural
9/22/21

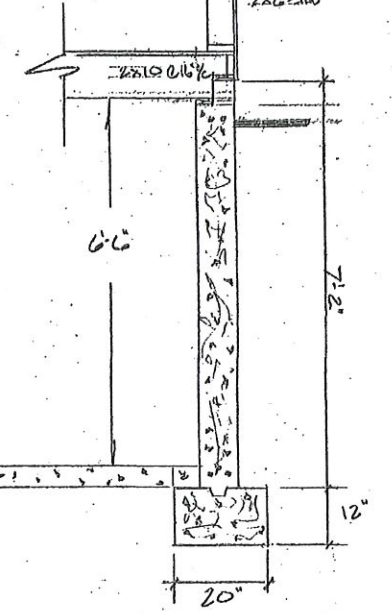
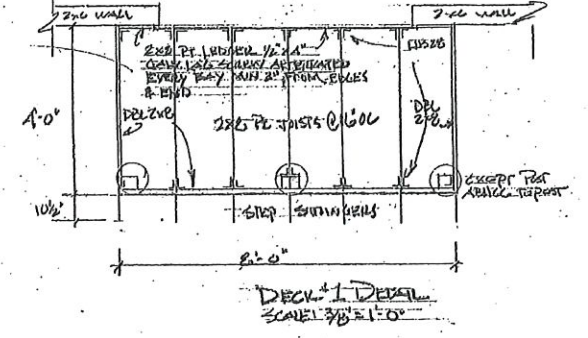
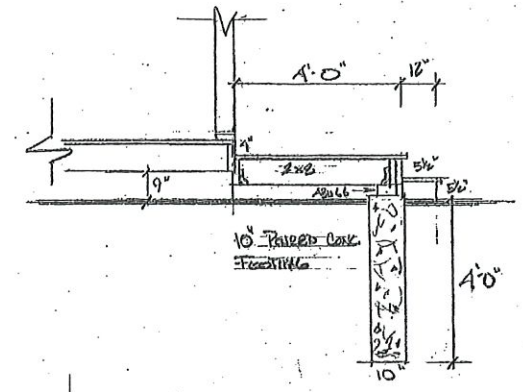
1 st & 2 nd FLOOR PLANS		
SCALE: 1/4" = 1'-0"	APPROVED BY:	DRAWN BY: Bill S
DATE: JUNE 15, 2021		REVISED:
JRM & CADLINE ARCHITECTS 2205 CHATHAM ROAD HARRISBURG, PA		
		DRAWING NUMBER 2



FOUNDATION PLAN



SECTION A-A
SCALE: 1/2" = 1'-0"
EXIST. FOUNDATION

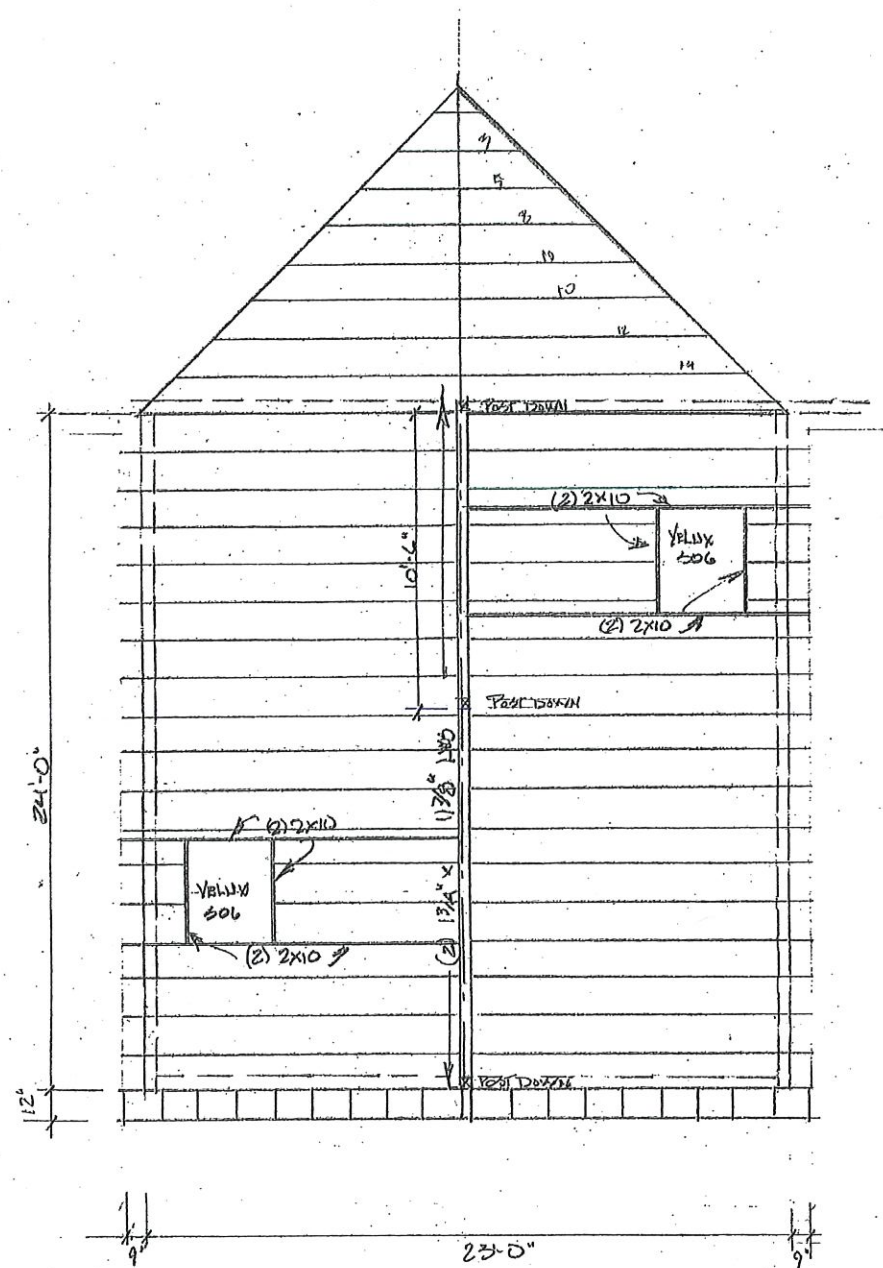


SECTION A-B
SCALE: 1/2" = 1'-0"
NEW FOUNDATION & FT

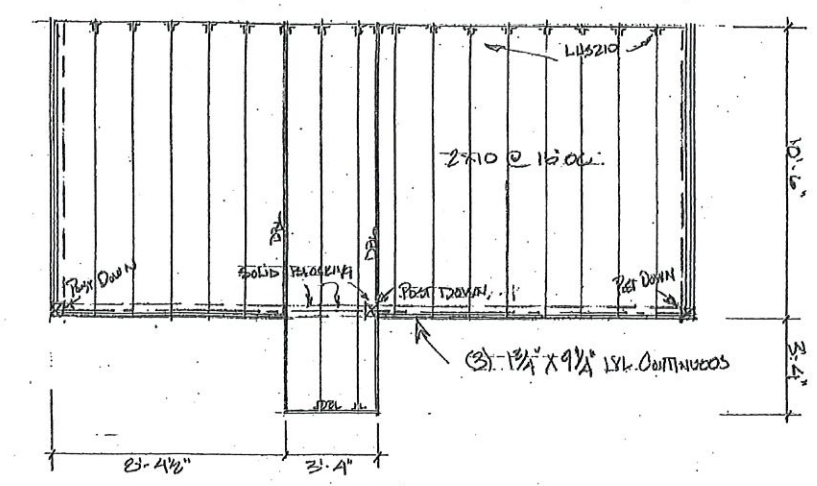


Mark A. Moller
Structural

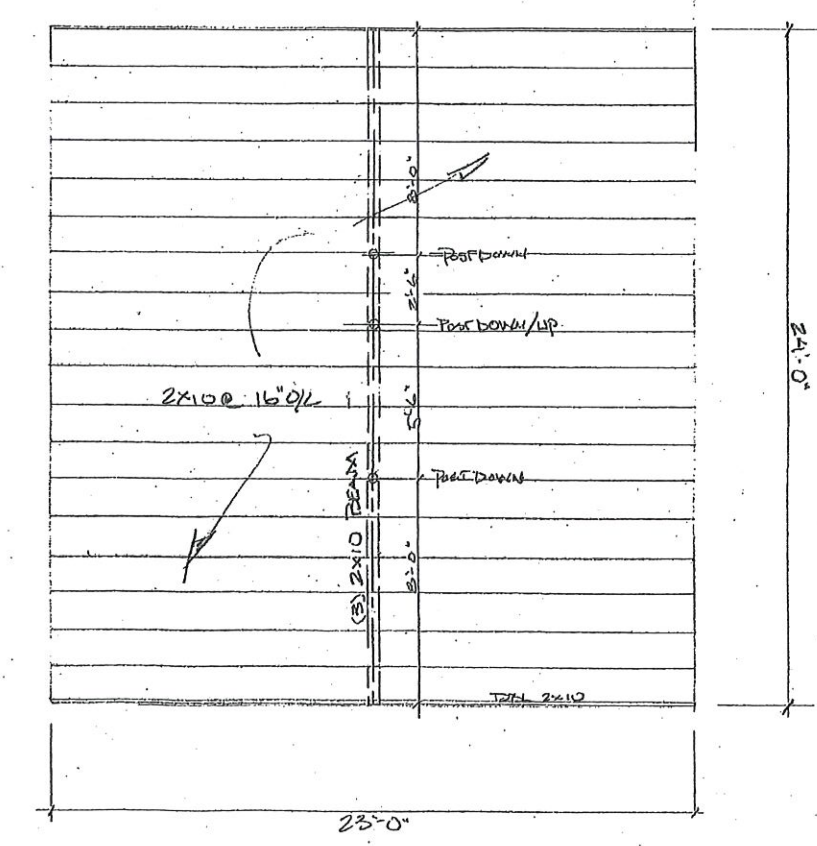
FOUNDATION & DECKS		
SCALE: 1/2" = 1'-0"	APPROVED BY:	DRAWN BY: Bill S.
DATE: July 5, 2021		REVISED
TOM & CARINE WOOSTEN 265 CHATHAM ROAD HARRISBURG, NC		
		DRAWING NUMBER 3



DAFTER FRAME



LOFT FLOOR FRAME

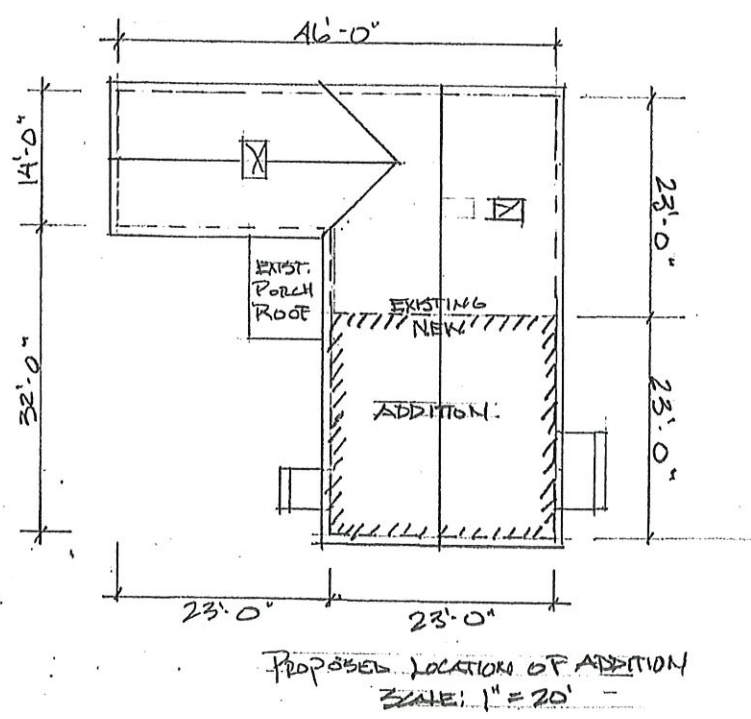
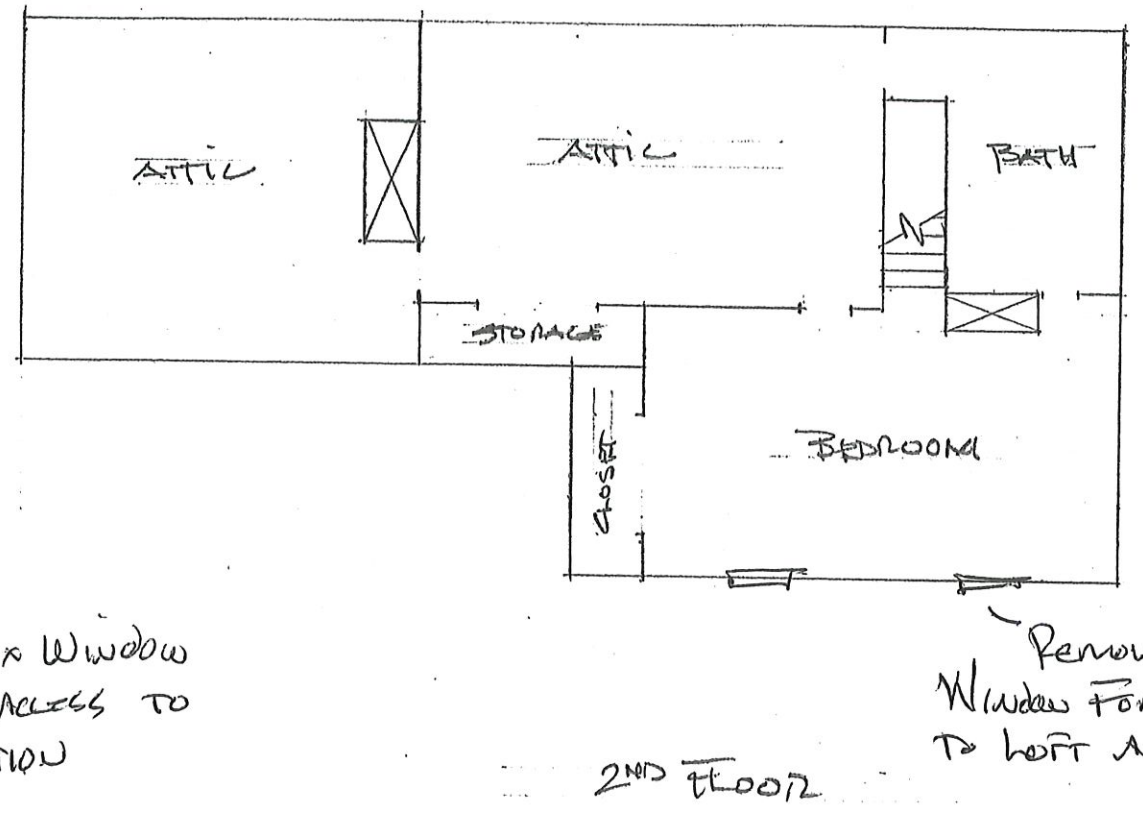
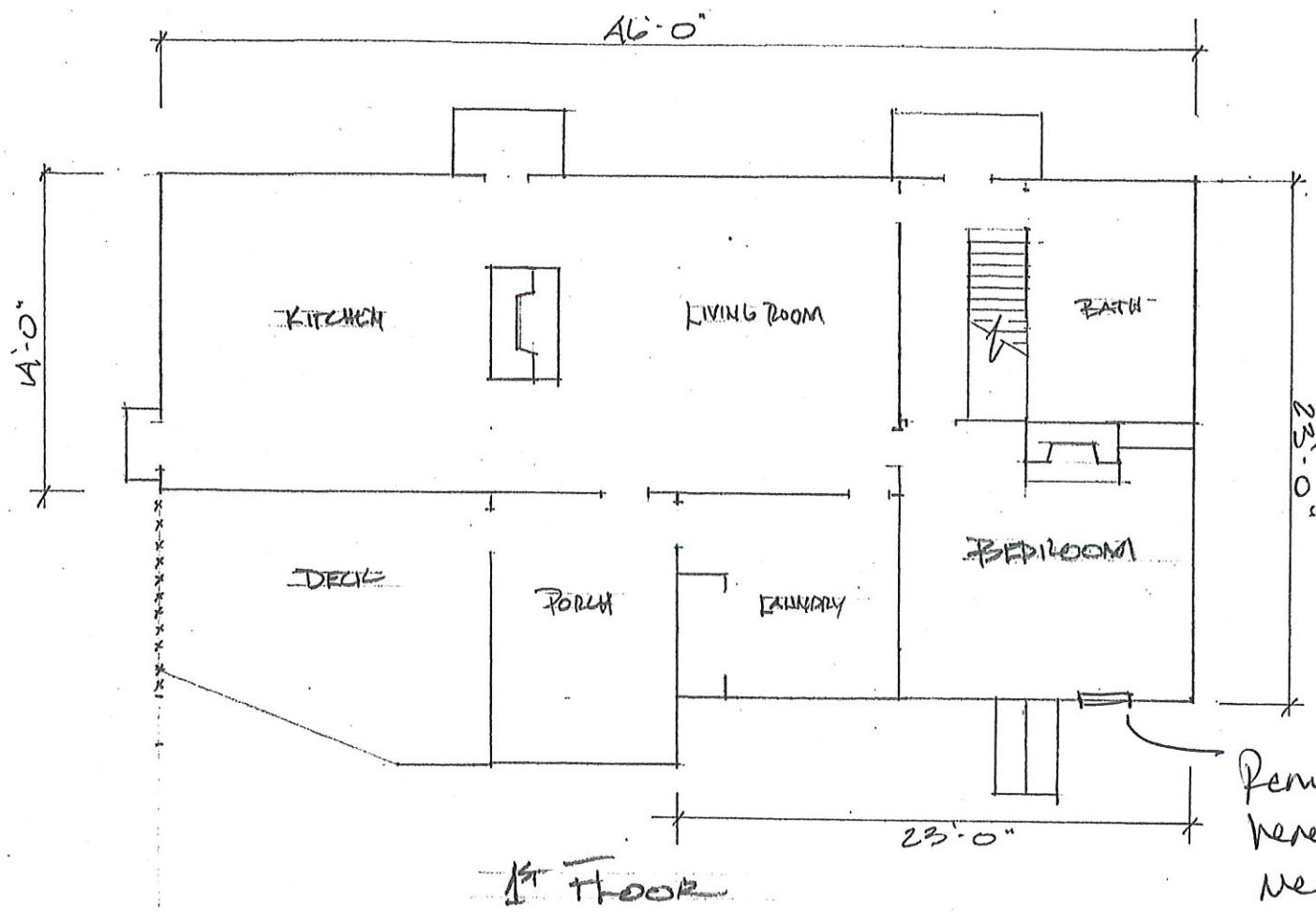


MAIN FLOOR FRAME



Mark A. Beckwith
Structural

DAFTER & FLOOR FRAME		
SCALE: 1/4" = 1'-0"	APPROVED BY:	DRAWN BY: Bill S.
DATE: July 15, 2001		REVISED
TOM & CARINE XFOOTBL 265 CHATHAM ROAD HERNIMAN, OR		
		DRAWING NUMBER 5



EXIST. CONDITIONS	DEC 7, 2021
TOM & CLARINE KOSTON 265 CHATHAM ROAD HARRISBURG, PA 17105	
DRAWN BY: B. SWANSON	SCALE: 1/8" = 1'-0"

WOOTEN ADDITION

265 CHATHAM RD.
HARWICH, MA

GENERAL STRUCTURAL NOTES

1. ALL CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE MASSACHUSETTS STATE BUILDING CODE FOR ONE- AND TWO- FAMILY DWELLINGS, NINTH EDITION (780 CMR), AND ALL AMENDMENTS, WHICH IS BASED ON THE 2015 INTERNATIONAL RESIDENTIAL CODE.
2. THE WIND DESIGN CRITERIA FOR THIS BUILDING IS IN ACCORDANCE WITH AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA), "WOOD FRAME CONSTRUCTION MANUAL FOR ONE- AND TWO- FAMILY DWELLINGS (WFCM)," AND THE "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE7-10)." THE BASIC WIND SPEED FOR THE DESIGN OF THIS STRUCTURE IS 140 MILES PER HOUR (ULTIMATE) WITH EXPOSURE CATEGORY 'B'.
3. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE LOCAL BUILDING OFFICIAL FOR THE STRUCTURAL FRAMING INSPECTION(S). IF THE BUILDING OFFICIAL REQUIRES THAT THE INSPECTION(S) BE COMPLETED BY THE ENGINEER OF RECORD, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD 72 HOURS PRIOR TO THE TIME WHEN THE INSPECTION(S) IS TO BE PERFORMED. THE CONTRACTOR SHALL INSURE THAT ALL STRUCTURAL MEMBERS AND CONNECTIONS ARE VISIBLE FOR INSPECTION. IF DURING THE INSPECTION, ANY PORTION OF THE STRUCTURE IS DEEMED NOT VISIBLE OR IS INACCESSIBLE FOR INSPECTION, FINAL APPROVAL OF THE ENTIRE STRUCTURE WILL NOT BE GIVEN UNTIL THIS CONDITION IS CORRECTED AT THE CONTRACTOR'S EXPENSE.
4. ALL WOOD CONSTRUCTION CONNECTORS AS SPECIFIED ON THESE CONSTRUCTION DOCUMENTS TO BE SIMPSON STRONG-TIE IN ACCORDANCE WITH CATALOG C-2014. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL ALL CONNECTORS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
5. ALL ENGINEERED LUMBER PRODUCTS TO BE I-LEVEL TRUS JOIST (OR EQUAL) INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

ROOF FRAMING CONNECTIONS

1. ATTACH OPPOSING RAFTERS AT THE RIDGE OVER THE TOP OF THE RIDGE WITH (1) LSTA 18 TENSION STRAP AT 16" O.C. STRAP TO BE INSTALLED OVER ROOF SHEATHING INTO RAFTERS W/ 10d COMMON NAILS TO RAFTERS.
2. ATTACH THE END OF EACH RAFTER/TRUSS TO THE DOUBLE TOP PLATE OF THE EXTERIOR WALL WITH (1) H2.5A CONNECTOR. CONNECTOR TO BE APPLIED DIRECTLY TO 2X TOP PLATES ON OUTSIDE FACE OF WALL. ALTERNATE: USE (1) H2A FROM EVERY RAFTER TO WALL STUD BELOW. TSP CONNECTOR PER NOTE "1", "WALL FRAMING UPLIFT CONNECTIONS", IS NOT REQUIRED WHEN USING (1) H2A AT EVERY RAFTER.
3. BLOCKING TO BE PROVIDED ABOVE THE DOUBLE TOP PLATE OF THE EXTERIOR WALL AT THE ROOF WITH ROOF SHEATHING NAILED TO THE BLOCKING AT 6" O.C. PROVIDE 'V' NOTCH IN BLOCKING TO PROVIDE ADEQUATE VENTILATION AS REQUIRED. BLOCKING TO BE ATTACHED DIRECTLY TO DOUBLE TOP PLATE OF THE EXTERIOR WALL W/ (1) RBC CONNECTOR.

FLOOR FRAMING CONNECTIONS

1. PROVIDE (2) 1 1/2" WIDE LVL'S UNDER INTERIOR SHEARWALLS WHEN PARALLEL TO THE FLOOR FRAMING DIRECTION. IF CS 16 COIL STRAPS ARE SPECIFIED AS HOLDDOWNS AT THE END OF THE SHEARWALL, WRAP THE STRAP(S) AROUND THE (2) 1 1/2" WIDE LVL'S AS SPECIFIED, WRAPPING THE STRAPS AROUND THE LVL'S. IF HOLDDOWN AT END OF SHEARWALL IS A HDU TYPE, SUBSTITUTE (2) 1 1/2" WIDE LVL'S WITH 3 1/2" WIDE PARALLAM (MIN). SEE DETAIL (11). ALL BEAMS HERE UNLESS OTHERWISE SHOWN ON PLANS.
2. PROVIDE 3 1/2" WIDE PARALLAM PSL BLOCKING OR (2) 1 1/2" WIDE LVL BLOCKING UNDER INTERIOR SHEARWALLS WHEN JOISTS BELOW ARE PERPENDICULAR TO SHEARWALL. PAD WEB OF TJI JOISTS AS NECESSARY.
3. ATTACH THE DOUBLE TOP PLATE OF THE EACH EXTERIOR WALL TO THE RIM BOARD OF THE FLOOR ABOVE WITH (1) LTP5 CONNECTOR AT 24" O.C. OR W/ (2) 10d TOE NAILS PER 12".

GENERAL STRUCTURAL NOTES

WALL FRAMING CONNECTIONS

1. ATTACH EXTERIOR WALL STUDS TO THE DOUBLE TOP PLATE AT THE ROOF WITH (1) TSP CONNECTOR AT 32" O.C. PROVIDE (9) 10d x 1 1/2" NAILS TO THE STUD AND (6) 10d NAILS TO THE DOUBLE TOP PLATE. CONNECTOR TO BE APPLIED DIRECTLY TO 2x FRAMING. **NOTE: NOT REQUIRED WHEN USING H2A CONNECTOR PER NOTE ON (11)**
2. EXTERIOR WALL STUDS OF UPPER FLOORS TO BE ATTACHED TO STUDS ON THE FLOOR BELOW ACROSS THE RIM BOARD WITH (1) CS16 COIL STRAP AND (7) 10d NAILS AT EACH END OF STRAP. W/ A STRAP CUT LENGTH OF 18" + THE CLEAR SPAN ACROSS RIM BOARD. STRAPS TO BE SPACED AT 32" O.C. (EVERY OTHER STUD). STRAP IS NOT REQUIRED AT SHEARWALL HOLDDOWN LOCATIONS. CS16 COIL STRAPS MAY BE APPLIED OVER PLYWOOD SHEATHING.
3. EXTERIOR WALL STUDS THAT ARE ABOVE BEAMS IN THE FLOOR FRAMING SHALL BE ATTACHED TO THE BEAM WITH (1) L2S12 TWIST STRAP AT 16" O.C. (CUT SMALL SLOT IN FLOOR SHEATHING FOR STRAP). STRAP IS APPLIED DIRECTLY TO 2x FRAMING.
4. ATTACH FIRST FLOOR STUD TO RIM BOARD WITH (1) CS16 STRAP AT 32" O.C. PROVIDE (6) 10d NAILS TO STUD AND (6) 10d NAILS TO RIM BOARD. ATTACH RIM BOARD TO FOUNDATION SILL PLATE WITH (1) DSP CLIP AT 32" O.C.
5. CONNECTIONS FOR WALL OPENING ELEMENTS (REFER TO DETAIL (11))

HEADER SIZE	HEADER TO JACK STUD	JACK STUD TO SOLE PLATE
L= 1'-0" TO 4'-0"	(1) LSTA 9	(1) SP4 *
L= 4'-1" TO 6'-0"	(2) LSTA 9	(2) SP4 *
L= 6'-1" TO 8'-0"	(2) LSTA 12	(2) SP4 *
L= 8'-1" TO 10'-0"	(2) LSTA 15	(2) SPH6 *

*ALTERNATE: THE CONNECTOR SHOWN FOR THE JACK STUD TO SOLE PLATE CAN BE SUBSTITUTED WITH THE SAME CONNECTOR SHOWN FOR THE JACK STUD TO HEADER. ATTACH CONNECTOR WITH HALF OF THE REQUIRED NAILS TO THE JACK STUD AND HALF OF THE REQUIRED NAILS TO THE FOUNDATION RIMBOARD. CONNECTOR TO BE ATTACHED DIRECTLY TO 2x FRAMING AND RIMBOARD. ALTERNATE CAN NOT BE USED WHEN SOLE PLATE IS ATTACHED DIRECTLY TO FOUNDATION STEM WALL OR CONCRETE SLAB.

NOTE:

1. HEADERS 4'-1" AND LARGER REQUIRE (2) JACK STUDS AT EACH END OF THE HEADER (EXCEPT HERE NOTED).
2. PROVIDE (1) SSP FROM EACH KING STUD TO DOUBLE TOP PLATE OF THE WALL. WITH (3) 10d NAILS TO DOUBLE TOP PLATE AND (4) 10d NAILS TO KING STUD. FOR SECOND FLOOR (OR ANY LEVEL WITH TIMBER FRAMED WALLS BELOW) HEADERS, PROVIDE (1) CS 16 FROM EACH KING STUD ACROSS THE RIM BOARD TO A STUD IN THE WALL BELOW. FOR CS 16 STRAP SIZE REFER TO NOTE "2" ABOVE. FOR LOWEST LEVEL HEADERS PROVIDE (1) SSP CONNECTOR FROM EACH KING STUD TO THE SILL PLATE.
3. KING STUD TO RIMBOARD CONNECTION SPECIFIED IN NOTE 'D' AND ABOVE IS NOT REQUIRED WHERE A SHEARWALL HOLDDOWN IS ADJACENT TO THE OPENING.

SHEARWALL SCHEDULE

WALL TYPE SCHEDULE

1. 1/2" PLYWOOD - (EDGES BLOCKED)
8d COMMON OR GALVANIZED BOX NAILS @ 6" O.C. EDGES AND 12" O.C. FIELD.
2. 1/2" PLYWOOD - (EDGES BLOCKED)
8d COMMON OR GALVANIZED BOX NAILS @ 3" O.C. EDGES AND 12" O.C. FIELD.
3. 1/2" PLYWOOD - (EDGES BLOCKED)
8d COMMON OR GALVANIZED BOX NAILS @ 2" O.C. EDGES AND 12" O.C. FIELD. FRAMING AT ADJOINING PANEL EDGES SHALL BE 3" NOMINAL OR WIDER AND NAILS SHALL BE STAGGERED.

NOTE: FOR PLYWOOD SHEAR WALL TYPES 1, 2, AND 3 LISTED ABOVE, 8d COMMON OR GALVANIZED BOX NAILS = (0.131 x 2 1/2"). GUN NAILS MATCHING THE NAIL DIAMETER AND LENGTH MAY BE USED AS A SUBSTITUTE.

SOLE PLATE CONNECTION SCHEDULE

CONNECTION TO FLOOR RIM BOARD

WALL TYPE	SOLE PLATE CONNECTION TO RIM BOARD
1	(3) - 16d COMMON WIRE NAILS PER 16"
2	(4) - 16d COMMON WIRE NAILS PER 16"
3	(3) - SIMPSON SDS25312 (3/4" x 3 1/2") WOOD SCREWS PER 16"

CONNECTION TO CONCRETE FOUNDATION

FOUNDATION SILL PLATE CONNECTION TO CONCRETE

5/8" dia. ANCHOR BOLTS AT 32" o.c.

NOTE: ANCHOR BOLTS REFERENCED ABOVE TO BE 5/8" DIAMETER A307 STEEL ANCHOR BOLTS WITH 3"x 3"x 1/4" PLATEWASHER WITH 7" MINIMUM EMBEDMENT INTO CONCRETE.
ALTERNATE: TITEN HD BOLTS WITH 3"x 3"x 1/4" PLATEWASHER

SHEARWALL CONSTRUCTION

1. ALL SHEARWALLS TO HAVE DOUBLE TOP PLATES AND DOUBLE 2X STUDS AT EACH END OF THE WALL.
2. FACE NAIL DOUBLE TOP PLATES W/ 16d NAILS AT 16" O.C. USE (12) - 16d NAILS AT EACH SIDE OF LAP SPLICES IN TOP PLATES. SPLICE LENGTH TO BE A MINIMUM OF 4'-0" LONG.
3. NAILING FOR PERFORATED SHEARWALLS TO BE CONTINUED ABOVE AND BELOW ALL OPENINGS IN SHEARWALL.
4. ATTACH DOUBLE 2X STUDS AND BUILT-UP CORNER STUDS AT SHEARWALL ENDS WITH (2) 16d NAILS AT 4" O.C.
5. REFER TO HOLDDOWN SCHEDULE FOR TIE DOWNS AT SHEARWALL ENDS.

SHEARWALL HOLDDOWN SCHEDULE

STRAP HOLDDOWNS

1. CS 16 COIL STRAP W/ (26) 10d (0.148" x 3" LONG) NAILS WHEN STRAP IS APPLIED OVER PLYWOOD SHEATHING. SAME NUMBER OF 8d (0.131 x 2 1/2" LONG) NAILS MAY BE USED WHEN APPLIED DIRECTLY TO 2x FRAMING. APPLY HALF THE NUMBER OF NAILS (13) TO EACH END OF STRAP *.

FOUNDATION & HDU HOLDDOWNS

5. HDU5-SDS2.5 W/ S5TB24 ANCHOR BOLT**. ATTACH HDU TO 3" (MIN) OF 2X OR GREATER FRAMING MATERIAL AND 3/8" THREADED ROD. CONNECT THREADED ROD TO ANCHOR BOLT WITH CNW3/8 COUPLER NUT.
6. HDU8-SDS2.5 W/ S5TB28 ANCHOR BOLT**. ATTACH HDU TO 4 1/2" (MIN) OF 2X OR GREATER FRAMING MATERIAL AND 3/8" THREADED ROD. CONNECT THREADED ROD TO ANCHOR BOLT WITH CNW3/8 COUPLER NUT.

* * ALL HDU HOLDDOWN ANCHOR BOLTS TO BE ATTACHED TO FORMWORK PRIOR TO CONCRETE POUR. USE APPROPRIATE ANCHORMATE DEVICE.

LEGEND

- ▲ SHEARWALL TYPE
- Ⓛ SHEARWALL HOLDDOWN TYPE
- SHEARWALL HOLDDOWN
- SHEARWALL
- ▲ PERFORATE SHEARWALL. CONTINUE PLYWOOD ABOVE AND BELOW OPENING WITH NAILING ACCORDING TO SPECIFIED SHEARWALL TYPE.
- XX XJ # OF KING AND JACK STUDS AT OPENINGS

SHEARWALL COVER SHEET

PROJECT:

WOOTEN ADDITION

NO.	REVISION/ISSUE	DATE

PROJECT ADDRESS:

265 CHATHAM RD.
HARWICH, MA

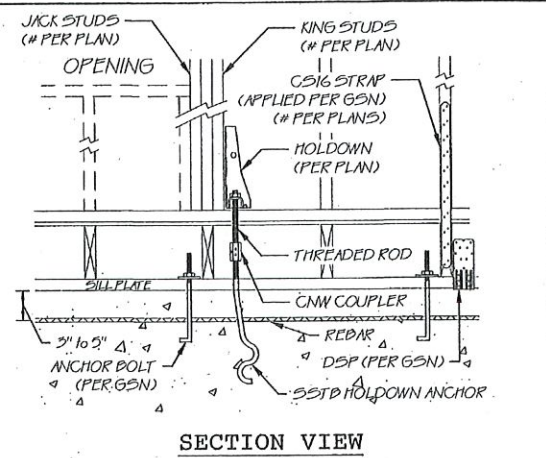


P.O. BOX 1879
44 UNDERPASS RD UNIT 2
BREWSTER, MA 02631
(774) 353-2144



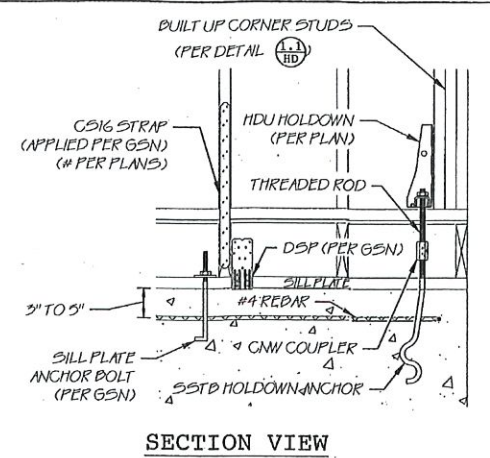
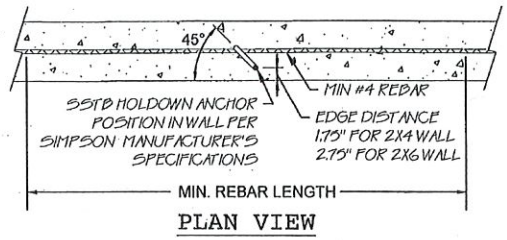
JOB#: 21-205	SHEET
DATE: 08-31-2021	G1.0
SCALE: NONE	

B7



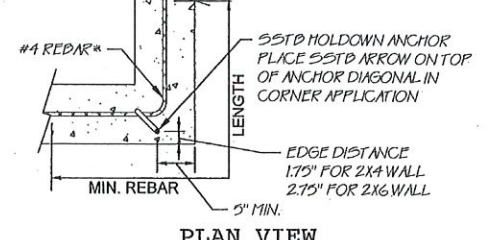
MODEL #	DIA.	MIN. EMBED.	MIN. REBAR LENGTH
SSTB16	5/8	12 3/4"	50"
SSTB20	5/8	16 3/4"	58"
SSTB24	5/8	20 3/4"	66"
SSTB28	7/8	24 3/4"	74"
SSTB34	7/8	28 3/4"	82"
SB1x30	1	24"	96"

NOTE: #4 REBAR TO BE CENTERED ON HOLD DOWN AND LOCATED 3" TO 6" DOWN FROM TOP OF FOUNDATION WALL PER SIMPSON MANUFACTURER'S SPECIFICATIONS.



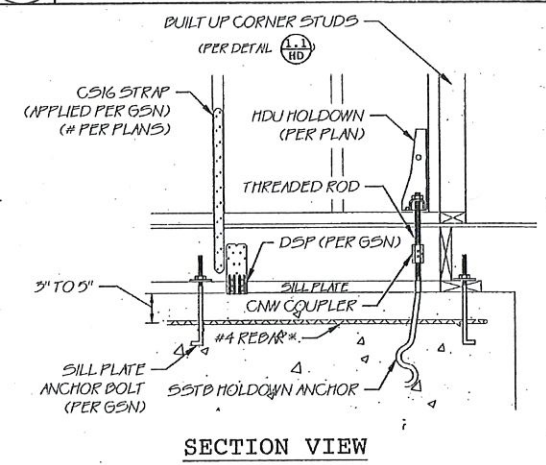
MODEL #	DIA.	MIN. EMBED.	MIN. REBAR LENGTH
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SSTB20	5/8	16 3/4"	58"
SSTB24	5/8	20 3/4"	66"
SSTB28	7/8	24 3/4"	74"
SSTB34	7/8	28 3/4"	82"
SB1x30	1	24"	96"

NOTE: #4 REBAR TO BE CENTERED ON HOLD DOWN AND LOCATED 3" TO 5" DOWN FROM TOP OF FOUNDATION WALL PER SIMPSON MANUFACTURER'S SPECIFICATIONS.



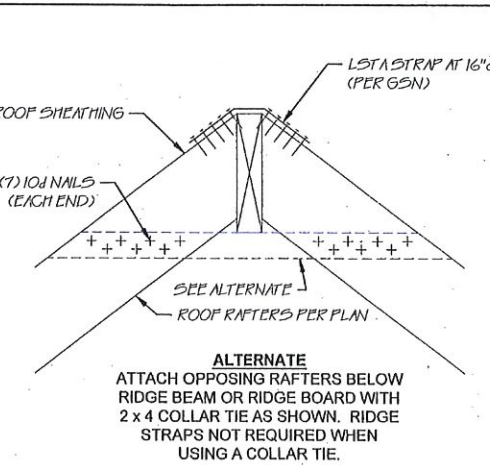
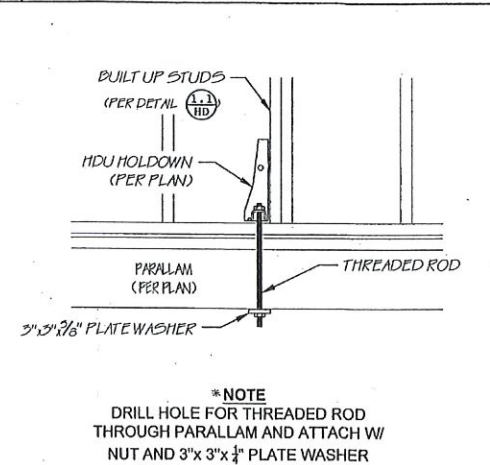
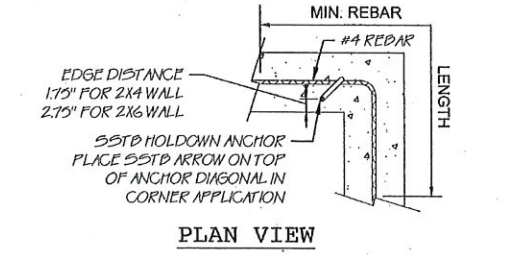
1.1 HD HOLD DOWN AT WINDOW OR DOOR OPENING

1.2 HD HOLD DOWN AT EXTERIOR BUILDING CORNER



MODEL #	DIA.	MIN. EMBED.	MIN. REBAR LENGTH
SSTB16	5/8	12 3/4"	50"
SSTB20	5/8	16 3/4"	58"
SSTB24	5/8	20 3/4"	66"
SSTB28	7/8	24 3/4"	74"
SSTB34	7/8	28 3/4"	82"
SB1x30	1	24"	96"

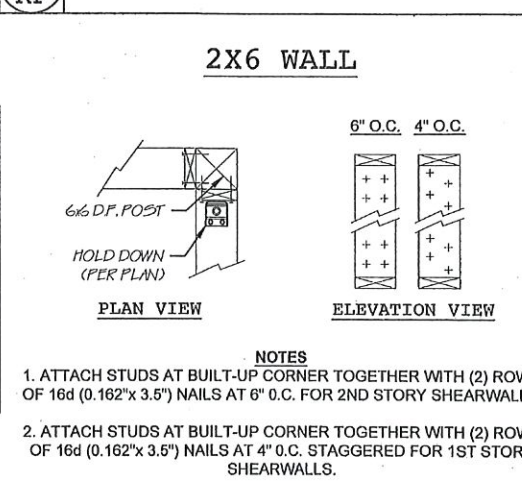
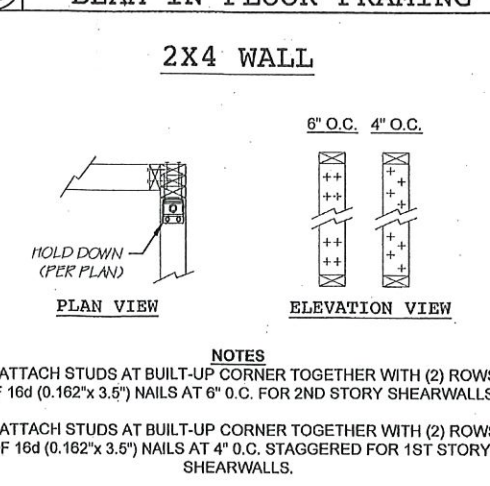
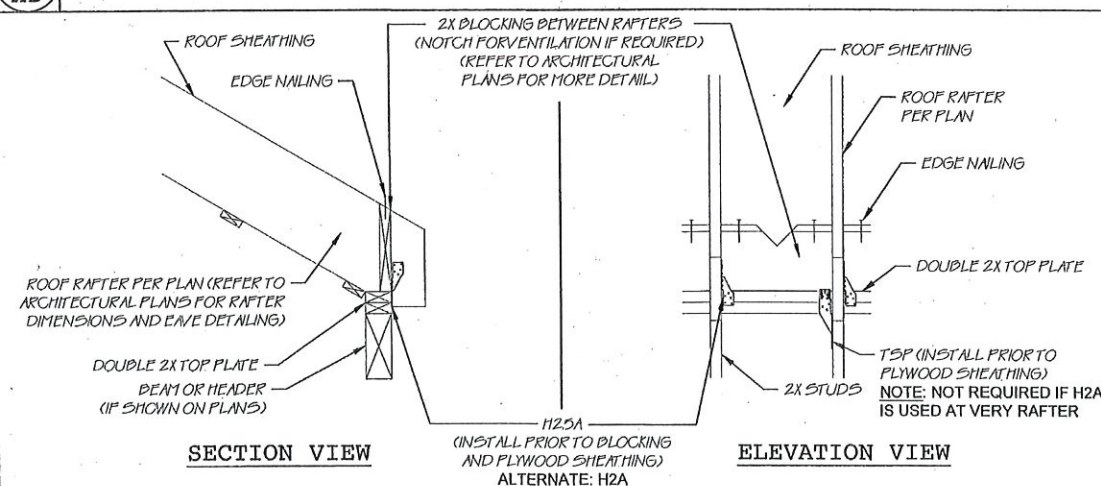
NOTE: #4 REBAR TO BE CENTERED ON HOLD DOWN AND LOCATED 3" TO 6" DOWN FROM TOP OF FOUNDATION WALL PER SIMPSON MANUFACTURER'S SPECIFICATIONS.



1.3 HD HOLD DOWN AT INTERIOR BUILDING CORNER

1.4 HD INTERIOR HOLD DOWN INTO BEAM IN FLOOR FRAMING

1.5 RF STRUCTURAL RIDGE BEAM



1.6 RF RAFTER TO TOP PLATE

1.7 WF BUILT-UP CORNER AT END OF SHEARWALL

STRUCTURAL DETAILS 1
PROJECT: WOOTEN ADDITION

NO.	REVISION/ISSUE	DATE

PROJECT ADDRESS:
265 CHATHAM RD.
HARWICH, MA

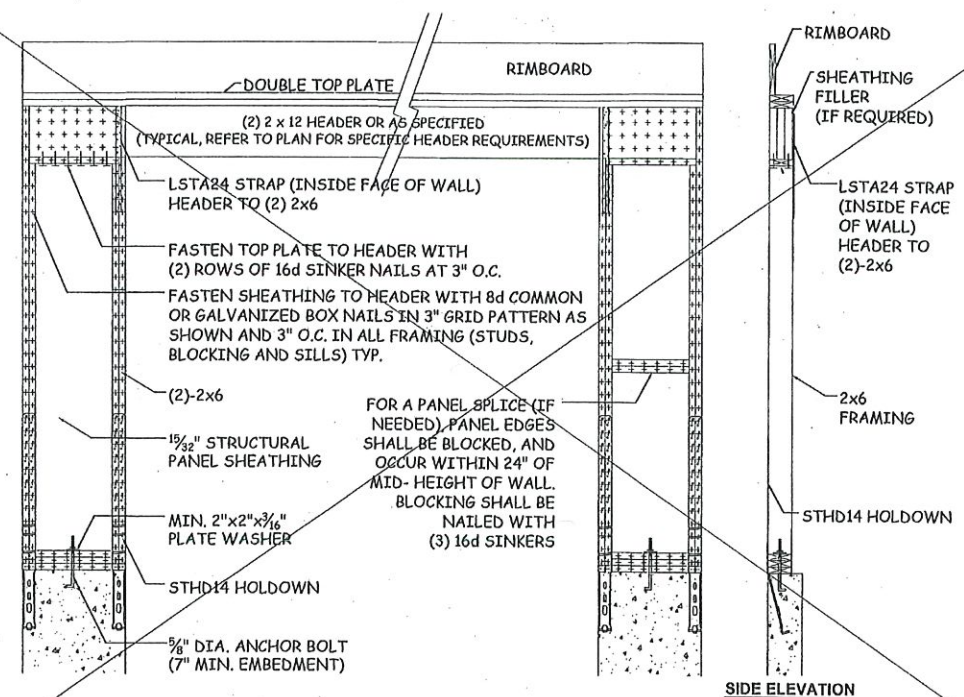


P.O. BOX 1879
44 UNDERPASS RD UNIT 2
BREWSTER, MA 02631
(774) 353-2144



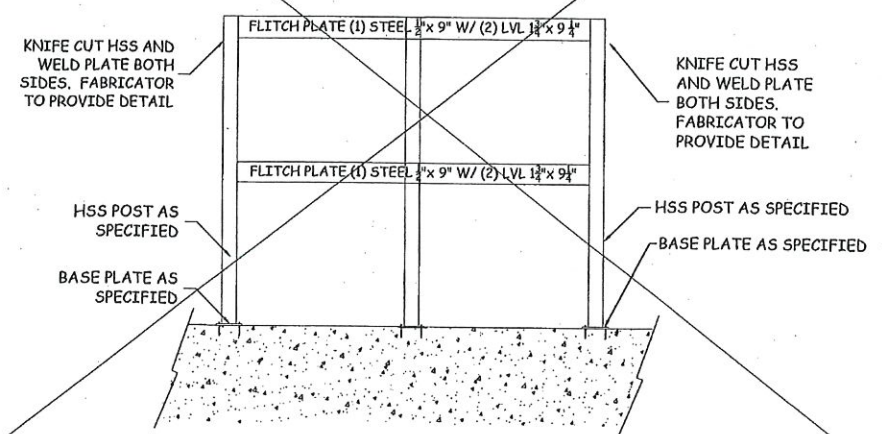
JOB#: 21-205	SHEET
DATE: 08-31-2021	G1.1
SCALE: NONE	

B8



SIDE ELEVATION

- CONSTRUCTION NOTES:**
- 1) WELD BASE PLATES TO VERTICAL TUBE STEEL POSTS. POSTS TO BE ATTACHED TO CONCRETE FOUNDATION WITH (4) $\frac{1}{2}$ " THREADED RODS WITH SIMPSON SET EPOXY WITH 10" MIN. EMBEDMENT.
 - 2) COLUMNS TO BE SPLIT AT BEAM LOCATIONS AND WELDED TO FLITCH PLATES TO PROVIDE MOMENT CONNECTION.
 - 3) CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.



2.1
PW

APA PORTAL WALL
(NOT TO SCALE, FOR EXAMPLE ONLY! SUBSERVIATE TO TT-100F)

2.2
MF

STEEL MOMENT FRAME: EXTERIOR WALLS
(NOT TO SCALE, FOR EXAMPLE ONLY!)

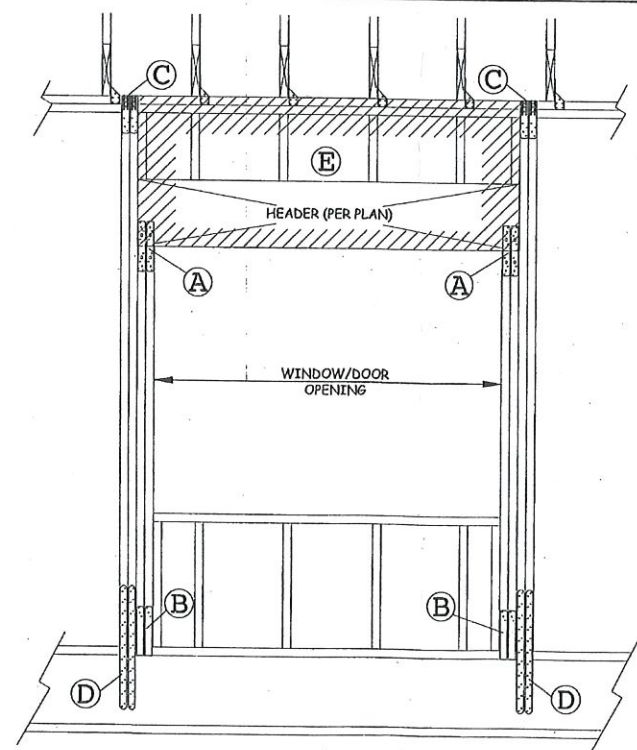
OPTION #1

HEADER SIZE	A	B	C	D	E
L= 1'-0" TO 4'-0"	(1) LSTA 9	(1) SP4	(1) SSP PER KING		STRUCTURAL PLYWOOD SHEATHING TO MATCH ELSEWHERE. NAIL DOUBLE ROW OF 8d NAILS AT 3" O.C. TOP AND BOTTOM OF PANEL INTO DOUBLE TOP PLATE AND HEADER
L= 4'-1" TO 6'-0"	(2) LSTA 9	(2) SP4	(1) SSP PER KING	(1) CS 16 - (6) 8d NAILS EACH END OF STRAP PER EACH KING STUD (SEE NOTE '4')	
L= 6'-1" TO 8'-0"	(2) LSTA 12	(2) SP4	(1) SSP PER KING		
L= 8'-1" TO 10'-0"	(2) LSTA 15	(2) SPH6	(1) SSP PER KING	ALTERNATE SEE NOTE 6	
L= 10'-1" TO 16'-0"	(2) ST2122	(2) SPH6	(1) SSP PER KING		

OPTION #2

HEADER SIZE	A	B	C	D	E
L= 1'-0" TO 4'-0"	(1) - CS 16 W/ (6) 8d EACH END		(1) SSP PER KING		STRUCTURAL PLYWOOD SHEATHING TO MATCH ELSEWHERE. NAIL DOUBLE ROW OF 8d NAILS AT 3" O.C. TOP AND BOTTOM OF PANEL INTO DOUBLE TOP PLATE AND HEADER
L= 4'-1" TO 6'-0"	(2) - CS 16 W/ (6) 8d EACH END		(1) SSP PER KING	(1) CS 16 - (6) 8d NAILS EACH END OF STRAP PER EACH KING STUD (SEE NOTE '4')	
L= 6'-1" TO 8'-0"	(2) - CS 16 W/ (6) 8d EACH END	SEE NOTE '3'	(1) SSP PER KING		
L= 8'-1" TO 10'-0"	(2) - CS 16 W/ (6) 8d EACH END		(1) SSP PER KING	ALTERNATE SEE NOTE 6	
L= 10'-1" TO 16'-0"	(2) ST2122		(1) SSP PER KING		

- *NOTES:**
1. HEADERS 4'-1" AND LARGER REQUIRE (2) JACK STUDS AT EACH END OF THE HEADER.
 2. CONNECTORS SPECIFIED ABOVE SHALL BE ATTACHED DIRECTLY TO 2X FRAMING MEMBERS.
 3. NAIL FULL HEIGHT JACK STUDS TO KING STUDS WITH (2)-16d NAILS PER 6" O.C. (CLIP FOR JACK STUD TO SOLE PLATE CONNECTION NOT REQUIRED)
 4. STRAP NOT REQUIRED WHERE SHEARWALL HOLDDOWN IS ADJACENT TO OPENING.
 5. DETAIL FOR WINDOW AND DOOR FRAMING ONLY. OTHER STRAPS AND TIES NOT SHOWN FOR CLARITY.
 6. IF WALL SITS ON FOUNDATION WITH NO RIM JOIST, USE SSP CONNECTORS PER KING STUD ATTACHED TO BOTH PLATES.

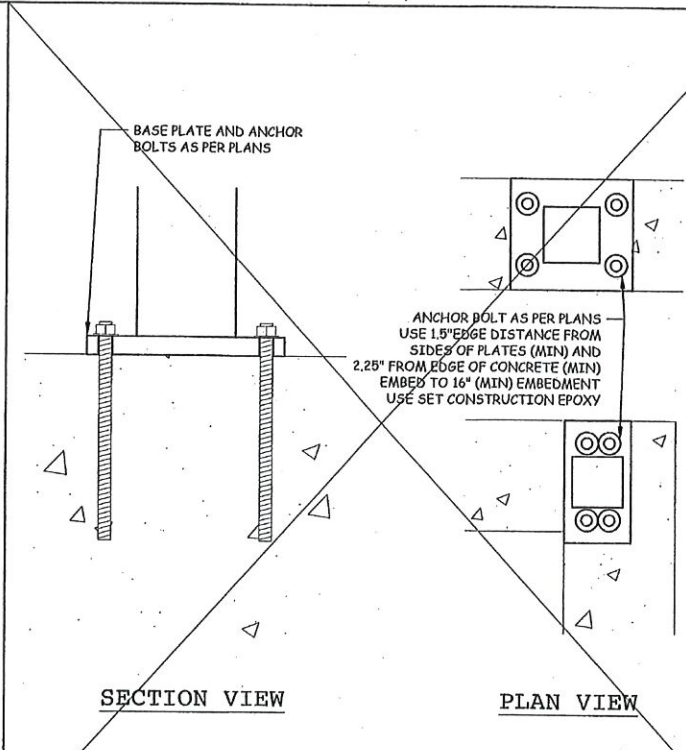


2.3
WF

FRAMING AT WINDOW AND DOOR OPENINGS

2.4
MF

MOMENT FRAME BASE PLATES
(NOT TO SCALE, FOR EXAMPLE ONLY!)



STRUCTURAL DETAILS 2

PROJECT:
WOOTEN ADDITION

NO.	REVISION/ISSUE	DATE

PROJECT ADDRESS:
265 CHATHAM RD.
HARWICH, MA

ME
McKENZIE
ENGINEERING
CONSULTANTS
structural - civil - environmental

P.O. BOX 1879
44 UNDERPASS RD UNIT 2
BREWSTER, MA 02631
(774) 353-2144



JOB#: 21-205	SHEET
DATE: 08-31-2021	G1.2
SCALE: NONE	

B9

01





2

CAPTAIN
OTHO MCKESSON
C. 1850



03

CAPTAIN
OTIS NICKERSON
c. 1850







C5.

265



C6



67

265

