



8/10/2020

**GENERAL**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADDITION OF THE MASSACHUSETTS BUILDING CODE.
2. ALL WORK TO BE DONE IN ACCORDANCE WITH THE "WOOD FRAME CONSTRUCTION MANUAL FOR ONE- AND TWO-FAMILY DWELLINGS," (WFCM); 110 MPH, EXPOSURE B.
3. ALL STRUCTURAL MATERIALS/MEMBERS SHALL BE FREE FROM DEFECTS THAT MAY REDUCE THEIR STRUCTURAL CAPACITY

**FOUNDATION**

1. FOUNDATION DESIGN IN ITS ENTIRETY BY OTHERS. THIS INCLUDES BUT IS NOT LIMITED TO: ALL GEOTECHNICAL INVESTIGATION AND/OR ASSUMPTIONS; LOAD DEVELOPEMENT; AND HELICAL PILES SIZING, DETAILING, ETC.
2. FOUNDATIONS/HELICAL PILES BY TECHNO METAL POST

**FRAMING**

1. ALL STANDARD SAWN LUMBER EXPOSED TO WEATHER, IN CONTACT WITH THE GROUND, OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE "PRESSURE/PRESERVATIVE TREATED" SYP NO. 1 OR BETTER.
2. ALL LUMBER SHALL BE SPF NO. 1 / NO. 2 OR BETTER FOR CONVENTIONAL FLOOR AND ROOF FRAMING.
3. ALL EXTERIOR WALLS TO BE 2X6 STUD @ 16" O.C. USE SELECT STUD GRADE OR BETTER FOR ALL WALL FRAMING.
4. DOUBLE TOP PLATES AT THE TOPS OF ALL EXTERIOR WALLS.
5. ALL LVL MATERIAL TO BE 2.0E MICROLLAM LVL BY WEYERHAEUSER OR EQUAL/BETTER.
6. STEEL CONNECTORS REQUIRED AT VARIOUS WALL, FLOOR, AND ROOF FRAMING TRANSITIONS AS REQUIRED IN THE WFCM AND SHOWN ON SHEET A-4.0. ALL STEEL CONNECTORS MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER GUIDELINES.
7. USE JOIST HANGERS WHEREVER JOISTS OR RAFTERS FRAME INTO THE SIDES OF SUPPORTING MEMBERS.
8. ALL WALLS RUNNING PARALLEL TO JOISTS SHALL BE SUPPORTED BY A DOUBLE JOIST OR BLOCKING @ 16" O.C.
9. SOLID BLOCKING MUST BE INSTALLED BELOW LOAD BEARING WALLS.
10. CARE MUST BE TAKEN TO SUPPORT ALL COLUMN/POST/POINT LOADS FROM ABOVE WITH SOLID BLOCKING AS NEEDED.
11. ALL BEAMS/HEADERS MUST BE SUPPOTRED BY BUILT-UP STUD COLUMNS WHICH MEET OR EXCEED THE WIDTH OF THE BEAM WITH A 3" MINIMUM BEARING LENGTH. (U.N.O.)
12. ALL HEADERS, JOISTS, AND OTHER FRAMING NOT SPECIFIED HERIN SHALL BE SUPPLIED IN ACCORDANCE WITH THE MASSACHUSETTS STATE BUILDING CODE.
13. REFER TO TYPICAL HEADER/GIRDER SPAN TABLES WITHIN THE BUILDING CODE FOR HEADER SIZES OR USE:

HEADER SIZE	No. JACK STUDS	MAX. SPAN
(3) 2X6	2	3'-6"
(3) 2X8	2	6'-0"
(3) 2X10	2	7'-3"

**Mathew Allain**  
residential design & consulting

CONSULTANTS

DRAWN BY: MJA  
CHECKED BY: MJA  
DATE: 6/11/20  
REVISION DATE

PROJECT: 45 LONGWOOD AV WAREHAM, MA 02

DRAWING TITLE: STRUCTURAL NO

SCALE: AS NOTED  
DRAWING NUMB

**S-1.**

SET: PERMIT SET