

—— INSTALL 3' X 3' CONC. °OOTING. IPT IP CR W/ 3-12 ВЛХЗЕЛСН МЛ АЦ N COLJMN	<ul> <li>GENERAL NOTES:</li> <li>1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON THE STRUCTURAL DRAWINGS.</li> <li>2. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.</li> <li>3. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE STRUCTURE AND PERSONNEL DURING ERECTION.</li> <li>4. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.</li> <li>FOUNDATION DESIGNED BASED ON AN ASSUMED MAXIMUM</li> <li>ALCURAL BEFORD DEPENDENT OF AN ASSUMED MAXIMUM</li> </ul>
<u>JCIST</u> 48x3 STEEL SEAM ING TAV3ER BEAM <u>ALE JOST</u> 3' X 3' CONC 3' X 3' CONC 1' THICK 4/ 3-+5 SEACH WAN 0.JMN	<ul> <li>ALLOWABLE BEARING PRESSURE OF 2500 PSF. IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO VERIFY THE SOIL BEARING CAPACITY.</li> <li>DESIGN OF EXTERIOR FOUNDATIONS IS BASED ON A FROST DEPTH OF 4'-6" BELOW FINISHED GRADE.</li> <li>NO HORIZONTAL JOINT WILL BE PERMITTED IN THE WALLS OR SLABS UNLESS NOTED OTHERWISE.</li> <li>FOUNDATION CONTRACTOR SHALL SET COLUMN ANCHOR BOLTS AND LEVELING PLATES, INCLUDING GROUTING, AS PER THE STRUCTURAL STEEL CONTRACTOR'S DRAWINGS.</li> <li>EXCAVATING AND BACK FILLING AT NEW AND EXISTING FOUNDATION WALLS SHALL BE DONE SUCH THAT SYMMETRICAL LOADING SHALL BE MAINTAINED ON BOTH SIDES. WHERE DESIGN CONDITIONS REQUIRE DIFFERENT BACK FILL HEIGHTS, WALLS SHALL BE FIRMLY SHORED IN POSITION, AND SHORES SHALL REMAIN UNTIL FLOORS ARE PLACED AND PROPERLY SET, TO ROVIDE FULL SUPPORT.</li> </ul>
5'X 5 CONC T HICK A, 5-15 SEACTWAN COLANN	<ul> <li>HOOD FRAMING NOTES:</li> <li>I. STRUCTURAL LUMBER: SPRUCE PINE FIR NOI/NO2 OR BETTER</li> <li>I. STRUCTURAL LUMBER: SPRUCE PINE FIR NOI/NO2 OR BETTER</li> <li>I. DESIGN CODE: NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.</li> <li>I. FASTENERS: COMPLY WITH RECOMMENDED FASTENING SCHEDULE OF THE IRC BUILDING CODE. UNLESS SHOWN OTHERWISE ON THE DRAWINGS.</li> <li>I. NAILING REQUIREMENTS FOR PLYWOOD ROOF DECK: PROVIDE 8d NAILS AS FOLLOWS UNLESS SHOWN OTHERWISE; 8d NAILS @ 6" o.c. ALONG PANEL EDGES 8d NAILS @ 8" o.c. ALONG INTERMEDIATE MEMBERS</li> <li>S. SPIKE TOGETHER ALL FRAMING MEMBERS WHICH ARE BUILT-UP USING MULTIPLE 2X LUMBER.</li> <li>PROVIDE GALVANIZED METAL TIES EQUAL TO SIMPSON H2.5 HURRICANE TIES BETWEEN ROOF TRUSSES AND SUPPORTING WALL MEMBERS, UNLESS SHOWN OTHERWISE.</li> <li>PROVIDE GALVANIZED METAL TIES EQUAL TO SIMPSON H2.5 HURRICANE TIES BETWEEN ROOF TRUSSES AND SUPPORTING WALL MEMBERS, UNLESS SHOWN OTHERWISE.</li> <li>PROVIDE PRESSURE TREATED LUMBER FOR ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE.</li> </ul>
121. B27M (322 D2AM E 10 EXENT. 4000 B34M CREWS & 2440C YCOL MA NL 3 Y 31 CONC. . IPTIT OF W/ 3-43 ASY BACH A4Y	STRUCTURAL DESIGN CRITERIA:         I. Building Code: IBC 2015 International Building Code (Maine Building and Energy Code)         2. Design Loads:       Design Wind: Ultimate Wind Speed = 117 mph Exposure Category "B" Risk Category "B" Internal Factor =1.1 Risk Category II       Design Snow: Ground Snow = 60 Exposure Factor =1.0         3. Floor Live Load = 40psf       Import. Factor =1.0 Exposure Factor =1.0         9. Floor Live Load = 40psf         NOTES:         1. ALL WORK SHALL COMPLY WITH THE LOCAL BUILDING CODE. (MUBEC)         2. VERIFY ALL DIMENSIONS IN THE FIELD PRIOR COMMENCING WORK.         3. ALL JOIST & GIRDER MATERIAL SHALL BE SPF#2 OR BETTER         4. LVLs BY BOISE SHALL BE VERSA-LAM 1.7E, F2650, OR BETTER         5. PRESSURE TREATED LUMBER SHALL BE SYP NO.2 OR BETTER TREATED WITH WATERBORNE PRESERVATIVES PER AMPA STANDARD UI, COMMODITY SPEC. A, TO THE USE REQUIREMENTS OF USE CATEGORY 2 (UC2)         6. STRUCTURAL STEEL BEAMS SHALL BE ASTM A527 GRADE 50KSI W/ ONE COAT SHOP PRIMER.
	Reviewed for Code Compliance Permitting and Inspections Department Approved with Conditions 12/13/2018
	These drawings are the property of MacLeod Structural Engineers, PA and are for the exclusive use of:         ISSUED FOR PERMIT         10.31.2018       These drawings are the property of MacLeod Structural Engineers, PA and are for the exclusive use of:         Without written consent is prohibited         MACLEOD         STRUCTURAL ENGINEERS, PA         90 Bridge Street Ste252         Westbrook, Maine 04038       207.839.0980         Anthon y & Am and a Lavoie Residence         BRUCE VV         MACLEOD         No. 5422         Westbrook, Maine 04038       207.839.0980         Anthon y & Am and a Lavoie Residence         383 Ocean Ave         Portland, Maine         ITTLE:         KEY PLAN AND NOTES         DATE: 10/31/18       DRAWN BY: BWN         DRAWING NUMBER:         SCALE: as noted       PROVIND: 2018-045