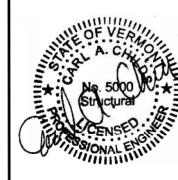
 THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SITE, ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND THE SPECIFICATIONS. BUILDING CODE:
VERMONT FIRE PREVENTION AND BUILDING CODE - 2012 (EFFECTIVE NOVEMBER 5, 2012) INTERNATIONAL BUILDING CODE - 2012 ASCE 7 - 10 (MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES)
3. DESIGN LOADS: BUILDING RISK CATEGORY=II
ROOF GROUND SNOW LOAD = 50 PSF SNOW EXPOSURE FACTOR = 1.0 THERMAL FACTOR = 1.1 IMPORTANCE FACTOR = 1.0 FLAT ROOF COEFF = 0.7 FLAT ROOF SNOW LOAD = 38.5 PSF> 40 PSF (STATE MINIMUM) UNBALANCED SNOW LOAD = 50 PSF
ROOF DEAD LOAD = 20 PSF SECOND FLOOR LIVE LOAD = 80 PSF (INCLUDES PARTITIONS)
DEAD LOAD = 25 PSF ATTIC FLOOR LIVE LOAD = 10 PSF DEAD LOAD = 15 PSF
STEEL NOTES
1. ALL STRUCTURAL STEEL WORK SHALL, UNLESS OTHERWISE INDICATED, CONFORM TO THE "STEEL CONSTRUCTION MANUAL 13TH EDITION-ALLOWABLE STRESS DESIGN", SPECIFICALLY INCLUDING THE SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS AND THE CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES AND TO THE REQUIREMENTS OF THE LOCAL BUILDING CODES.
 ALL WELDING SHALL CONFORM TO THE "STRUCTURAL WELDING CODE - ANSI/AWS D1.1" OF THE AMERICAN WELDING SOCIETY. STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING:
STRUCTURAL SHAPES ASTM A992, FY = 50,000 PSI (WIDE FLANGE SHAPES) ASTM A36, FY = 36,000 PSI (ANGLES, CHANNELS, S-SHAPES, ETC.) BOLTS ASTM A325
4. ALL SHOP CONNECTIONS SHALL BE BOLTED OR WELDED. ALL FIELD CONNECTIONS SHALL BE BOLTED EXCEPT WHERE WELDING IS SPECIFICALLY CALLED FOR. BOLTS SHALL BE 3/4" DIA. MINIMUM WITH OPEN HOLES 1/16" LARGER.
5. TIGHTEN ALL BOLTS TO ACHIEVE THE MINIMUM FASTENER TENSION SPECIFIED IN TABLE 4 OF RCSC'S "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". TWIST-OFF OR T.C. BOLTS THAT MEET ASTM A325 OR A490 REQUIREMENTS ARE ACCEPTABLE.
6. ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED (MINIMUM 1.5 MILS DRY FILM THICKNESS) WITH AN APPROVED RUST INHIBITIVE PRIME PAINT. STEEL SHALL BE THOROUGHLY CLEANED PRIOR TO PAINTING. FIELD TOUCH UP WITH THE SAME PAINT WILL BE REQUIRED.
 THERE WILL BE NO FIELD BURNING, CUTTING OR OTHER ALTERATIONS OF PRIMARY STRUCTURAL STEEL WITHOUT THE PERMISSION OF THE ENGINEER. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS IN ELECTRONIC FORMAT (.pdf FILE) TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION FOR THE FOLLOWING ITEMS: STRUCTURAL STEEL
9. THE CONTRACTOR SHALL EMPLOY A QUALIFIED INDEPENDENT ENGINEERING TESTING FIRM TO PERFORM STANDARD FIELD TESTING OF THE STEEL CONNECTIONS. BOLTED CONNECTIONS - TORQUE TEST 10% OF FIELD BOLTED CONNECTIONS EXCEPT IF TC BOLTS ARE USED FIELD TESTING CAN BE REDUCED TO 5% OF BOLTS.
WELDED CONNECTIONS - VISUAL INSPECTION OF ALL FIELD WELDS. TEST 10% OF FIELD WELDED MOMENT CONNECTIONS WITH LIQUID PENETRANT, MAGNETIC PARTICLE, ULTRASONIC OR RADIOGRAPHIC.
WOOD CONSTRUCTION NOTES
 ALL WOOD CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING CODES AND REGULATIONS: A. "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" BY THE AMERICAN FOREST & PAPER ASSOCIATION.
2. LUMBER FOR WOOD BEAMS, COLUMNS, STUDS AND JOISTS SHALL BE SPRUCE-PINE-FIR, NO. 1/NO. 2 GRADE WITH A MINIMUM ALLOWABLE BENDING STRESS OF 875 PSI
(SINGLE MEMBER USE) AND A MODULUS OF ELASTICITY OF 1,400,000 PSI. 3. ALL DIMENSION LUMBER SHALL BE STRAIGHT AND NEW, IN SOUND CONDITION, KILN DRIED OR SURFACED DRY, WITH A MAXIMUM MOISTURE CONTENT OF 19%. ALL LUMBER SHALL BEAR THE GRADE AND MARK OF THE ASSOCIATION UNDER WHOSE RULES IT IS PRODUCED AND A MARK OF MILL IDENTIFICATION.
4. PROTECTION FROM THE ELEMENTS: THE GENERAL CONTRACTOR SHALL TAKE ALL
PRECAUTIONS TO KEEP THE WOOD AND STRUCTURAL MEMBERS DRY DURING CONSTRUCTION. ANY STAINING OR DAMAGE SHALL BE CORRECTED TO THE
PRECAUTIONS TO KEEP THE WOOD AND STRUCTURAL MEMBERS DRY DURING
4 PROTECTION FROM THE FLEMENTS: THE GENERAL CONTRACTOR SHALL TAKE ALL



CHILDS ENGINEERING 1 240 LEFEBVRE LANE WILLISTON, VT 05495

REHABILITATION OF TOWN OFFICES
49 CENTER STREET STANDARD NOTES

DATE: SCALE:

8/11/2015 AS NOTED

DRAWN BY: CHECKED BY:
CAC CAC

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