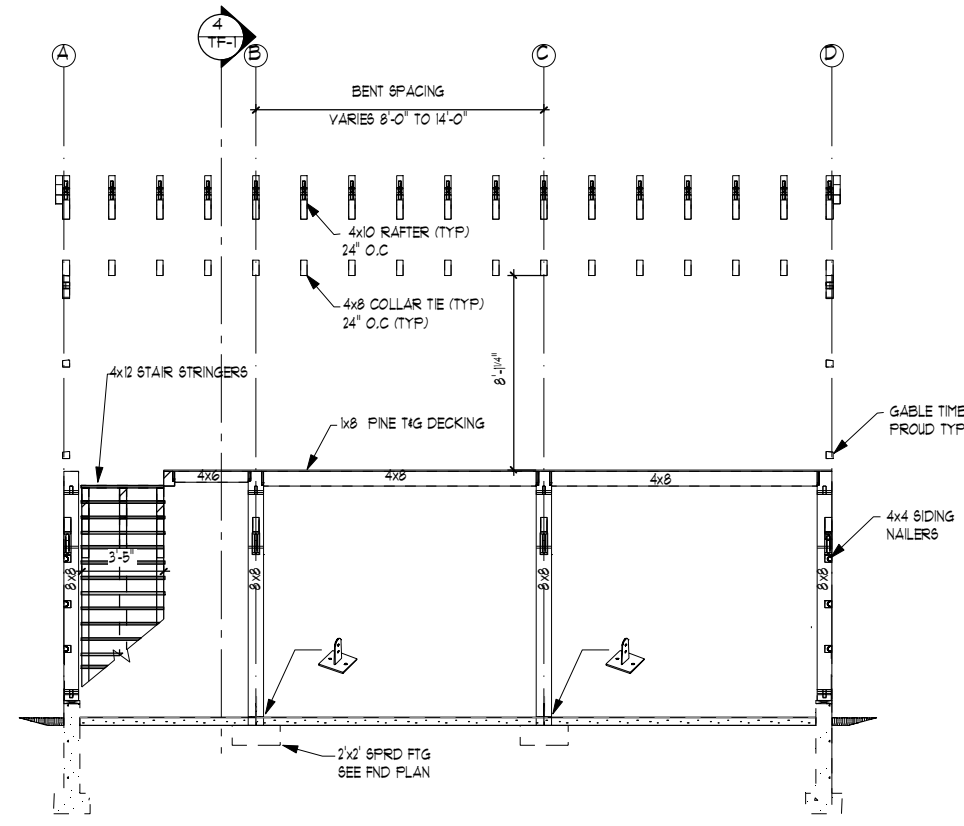


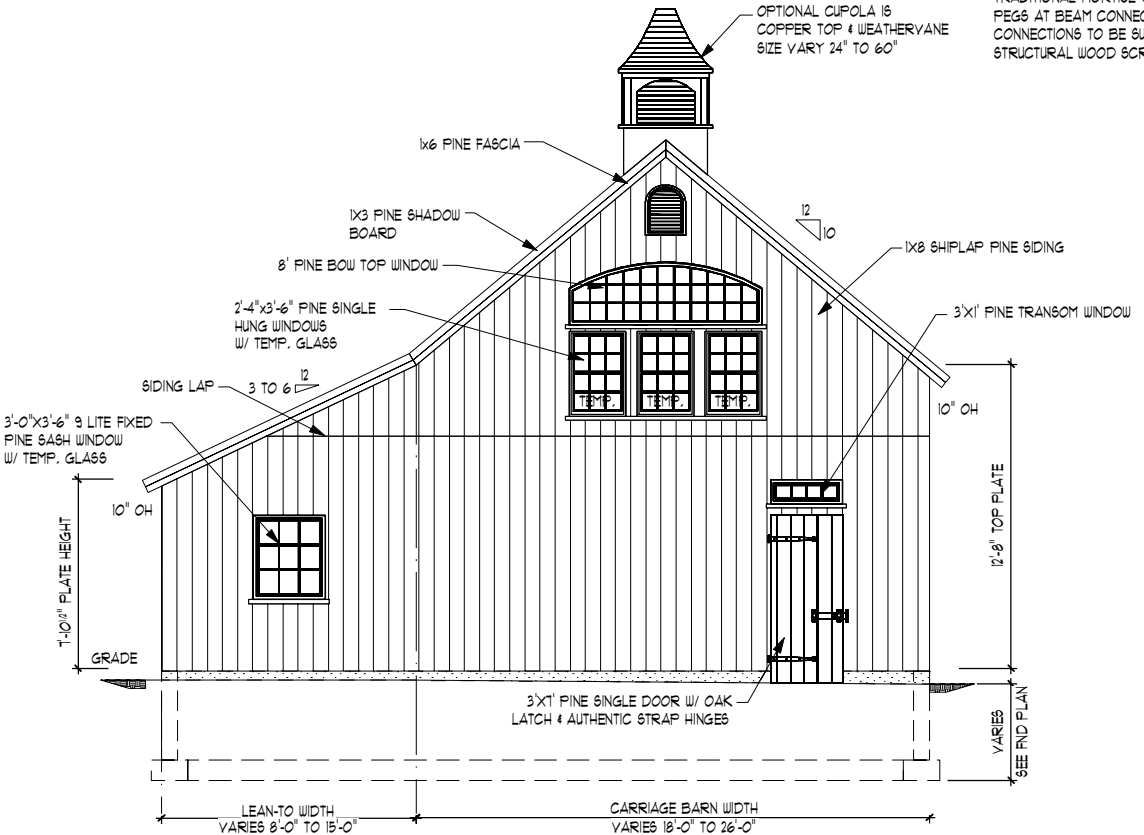
1 FRONT ELEVATION
TF-1 SCALE: 1/8" = 1'-0"

FASTENER NOTES:
STEEL: BOLTS, NUTS, WASHERS: DIA. AS NOTED, GALVANIZED, GRADE A307
TIMBER FRAME: TRADITIONAL MORTISE & TENON JOINERY W/ 1" DIA. OAK PEGS AT BEAM CONNECTIONS, TRADITIONAL WOOD CONNECTIONS TO BE SUPPLEMENTED BY STRUCTURAL WOOD SCREWS AS NOTED.

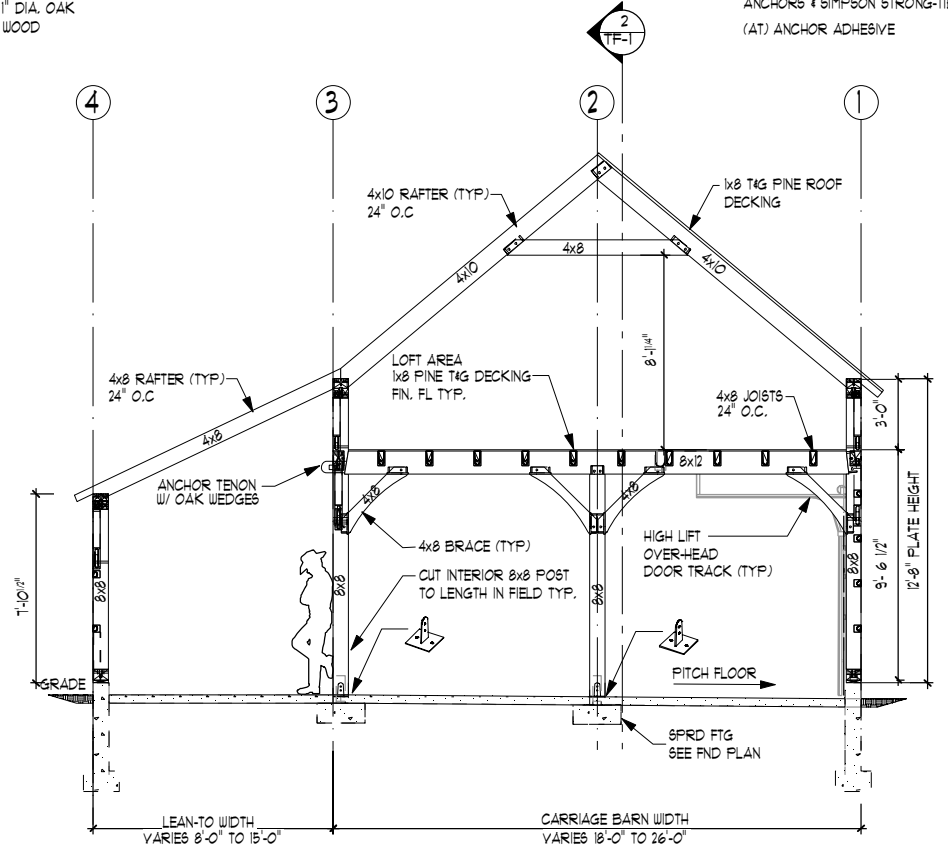


2 SECTION - LINE 2
TF-1 SCALE: 1/8" = 1'-0"

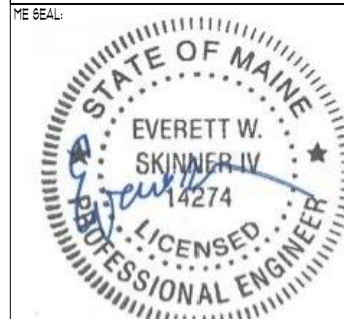
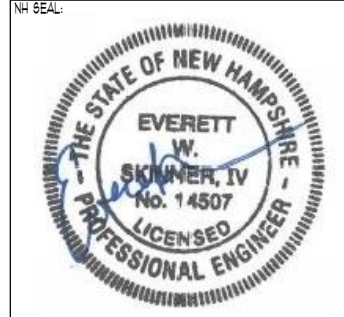
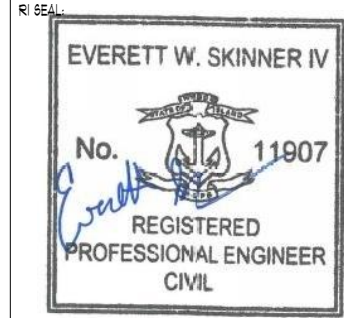
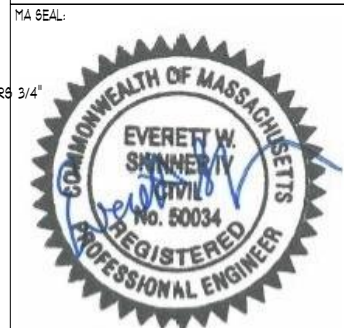
8x8 KNIFE PL @ INT. POSTS W/ (2) 1/2"x6" THRD ROD ANCHORS & SIMPSON STRONG-TIE (AT) ANCHOR ADHESIVE



3 LEFT ELEVATION
TF-1 SCALE: 1/8" = 1'-0"



4 SECTION - LINE B
TF-1 SCALE: 1/8" = 1'-0"



The BARN YARD GREAT COUNTRY GARAGES

THE BARN YARD MANUFACTURING & DESIGN FACILITY
9 VILLAGE ST.
ELLINGTON, CT 06029
860.484.9103

SHOWCASE LOCATIONS:
120 WEST RD. 84 STRONG HILL RD.
ELLINGTON, CT 06029 BETHEL, CT 06801
860.896.0636 203.140.7433

BUILDING CODE REFERENCES:
CT: 2016 CONNECTICUT STATE BUILDING CODE
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LIVE LOADS: ROOF: 20 PSF
SNOW LOADS: ROOF: 10 PSF
WIND LOADS: BASIC WIND SPEED(V): 130 MPH (3 SEC. GUST)
TIMBER NOTES:
AVAILABLE SPECIES: EASTERN WHITE PINE, DOUGLAS FIR, HEYLOCK, WHITE OAK OR OTHER
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SURFACE: S4S
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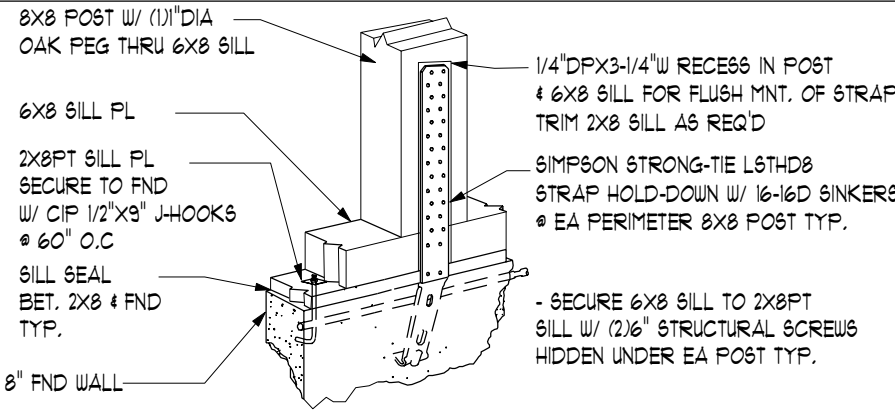


TIMBER SIZES ARE SHOWN FOR GENERAL INFORMATION PURPOSES ONLY. ACTUAL TIMBER SIZES AND LAYOUT WILL VARY WITH SPECIFIED BUILDING SIZE AND GEOGRAPHICAL LOCATION

PROJECT TITLE: **POST & BEAM CARRIAGE BARN**

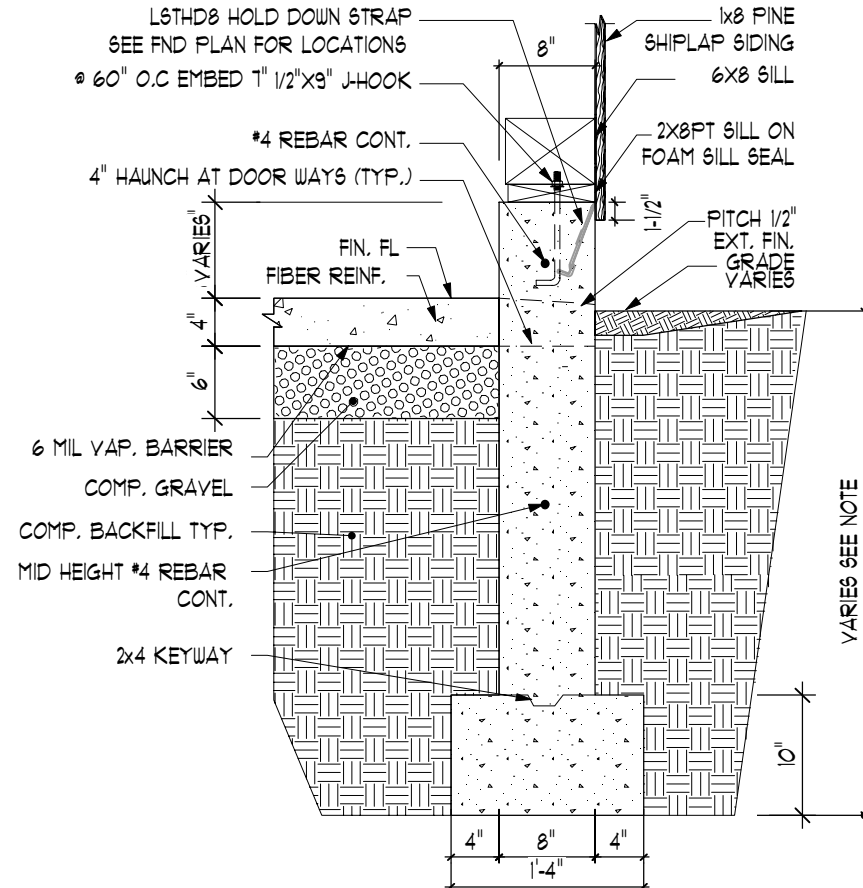
DRAWING TITLE: **PERMIT ISSUE SHOP DRAWING**

DATE: 07-05-17	SCALE: AS NOTED
DRAWN BY: TTP	
CHK BY: EWS	
PROJECT ID:	



2 POST HOLD-DOWN DETAIL

TF-2 SCALE: NTS



3 TYPICAL FOUNDATION SECTION

TF-2 SCALE: 3/4" = 1'-0"

STRUCTURAL NOTES:
 ALL WORK SHALL CONFORM TO THE CURRENT REQUIREMENTS OF 2018 INTERNATIONAL RESIDENTIAL BUILDING CODE, DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST ENGINEERING DRAWINGS. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES. OPENINGS NOT SPECIFICALLY SHOWN SHALL BE APPROVED BY THE ENGINEER. ALL WORK TO CONFORM TO ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES AND REGULATIONS, AND THE OWNERS OR DESIGNATED CONTRACTORS SHALL SECURE APPROPRIATE PERMITS REQUIRED BEFORE COMMENCEMENT OF ACTUAL CONSTRUCTION. ALL CONTRACTORS, SUBCONTRACTORS, SUPPLIERS AND ALL OTHER PERSONS ENGAGED IN ANY CAPACITY ON THIS PROJECT SHALL BE SUBJECT TO PROVISIONS OF THE OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION) WHICH IS ADMINISTERED AND ENFORCED BY U.S. DEPARTMENT OF HEALTH.

FOUNDATIONS:
 ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL MATERIAL OR GRANULAR FILL. ELEVATIONS OF BOTTOM OF FOOTING SECTION ON PLANS ARE FOR BIDDING PURPOSES AND SHALL BE LOWERED IF NECESSARY TO THE REQUIRED BEARING MATERIAL AS FOUND UPON EXCAVATION. IF THE REQUIRED BEARING MATERIAL IS NOT ENCOUNTERED AT ELEVATIONS SHOWN, NOTIFY ENGINEER IMMEDIATELY. CONTROLLED BACK FILL AND COMPACTION IF REQUIRED.

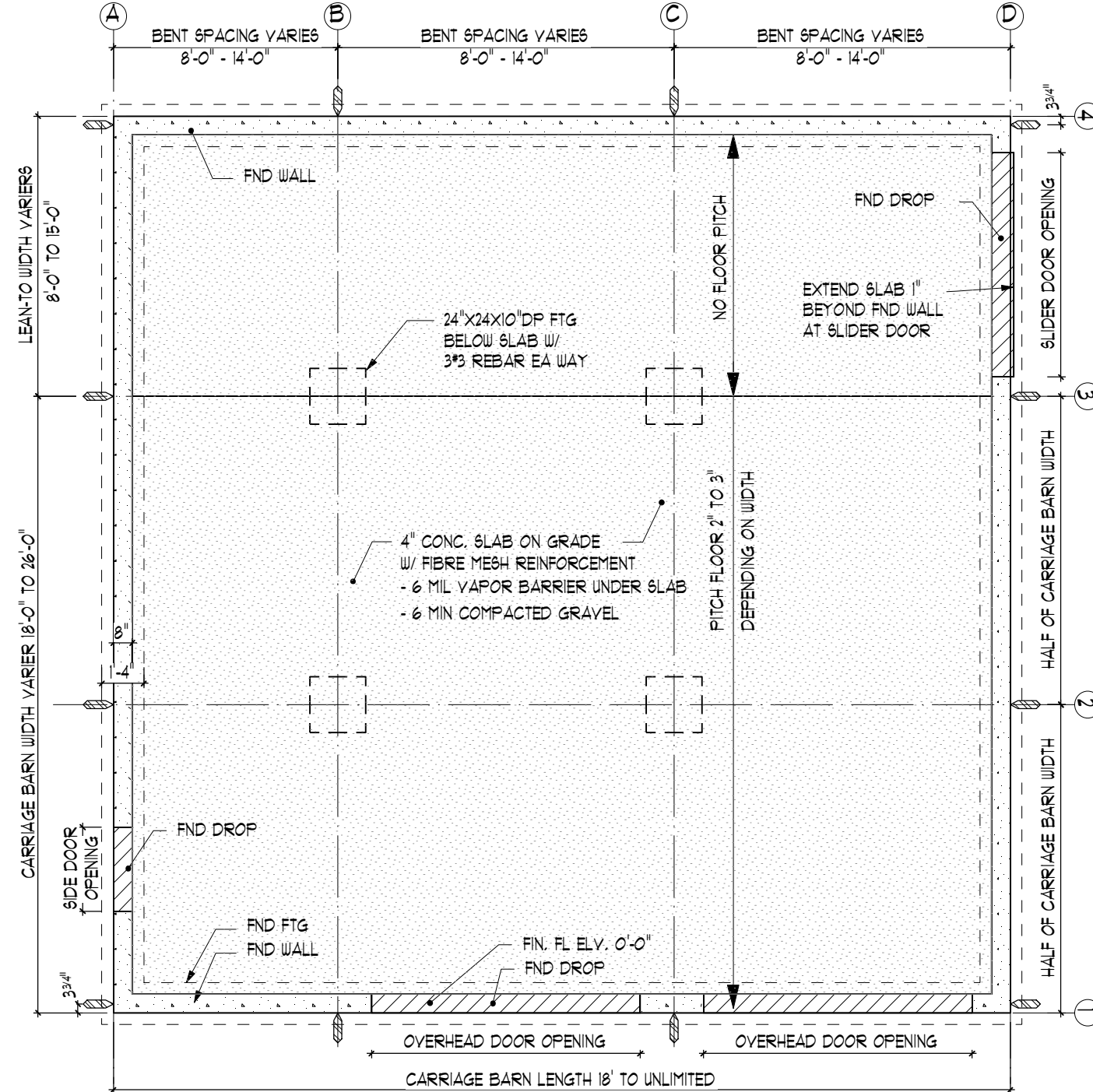
A. SCOPE:
 WHERE UNACCEPTABLE MATERIAL MUST BE REMOVED AND REPLACED WITH PROPER MATERIAL. A CONTROLLED PROCEDURE MUST BE FOLLOWED TO ENSURE PROPER BEARING FOR THE BUILDING.

B. FILLING AND GRADING:
 BEFORE BACK FILLING, REMOVE CONSTRUCTION DEBRIS, STUMPS, TREES, ROOTS, SOIL, HEAVY GRASS, DECAYED VEGETABLE MATTER AND OTHER UNSUITABLE MATERIALS. FILL MATERIAL SHALL BE AS APPROVED BY THE ENGINEER.

C. CONSTRUCTION METHODS:
 AFTER DEPOSITING FILL OR BACK FILL IN 1 FOOT LIFTS, WELL WASHED IN, COMPACT TO THE FOLLOWING PERCENT OPTIMUM DENSITY. THE DRY DENSITY AFTER COMPACTION SHALL NOT BE LESS THAN 95% OF THE DRY DENSITY FOR THAT SOIL WHEN TESTED IN ACCORDANCE WITH ASTM D1557 METHOD D. IN THIS TEST, MATERIALS RETAINED ON THE THREE-QUARTER SIEVE SHALL BE REPLACED WITH MATERIAL RETAINED ON THE NO. 4 SIEVE AS NOTED AS AN OPTION IN THE SPECIFICATIONS FOR THIS TEST.

D. FIELD TESTS:
 PERFORM ONE FIELD DENSITY TEST FOR EACH SOURCE OF FILL MATERIAL PERFORMED IN ACCORDANCE WITH ASTM D1557 METHOD A. STANDARD FIELD DENSITY TESTS EACH OF AN ACCURACY OF PLUS OR MINUS ONE PERCENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER AND TESTING LABORATORY WHEN EACH LAYER OF FILL IS TO BE PLACED AND READY FOR TESTING. THE CONTRACTOR SHALL ALLOW AMPLE TIME FOR TESTING. IF ANY FILL IS PLACED IN EXCESS OF SIXTEEN (16) WITHOUT TESTING, IT SHALL BE SUBJECT TO REMOVAL AND ANALYSIS SHALL BE AT THE CONTRACTOR'S EXPENSE.

CT: 3'-6" BELOW GRADE
 MA: 4'-0" BELOW GRADE
 NY: 3'-6" - 4'-0" BELOW GRADE
 ME: 4'-0" - 6'-0" BELOW GRADE
 VT: 5'-0" BELOW GRADE
 NH: 4'-0" - 5'-0" BELOW GRADE
 RI: 3'-4" BELOW GRADE



1 FOUNDATION PLAN

TF-2 SCALE: 3/16" = 1'-0"

☞ = SIMPSON STRONG-TIE L5THD8 STRAP HOLD-DOWN (DIM. TO HOLD-DOWN CENTER LINE)



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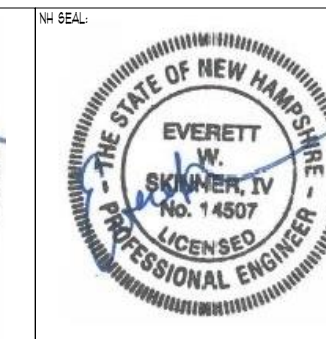
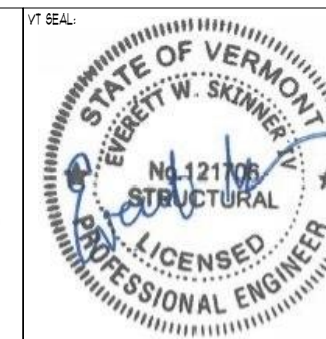
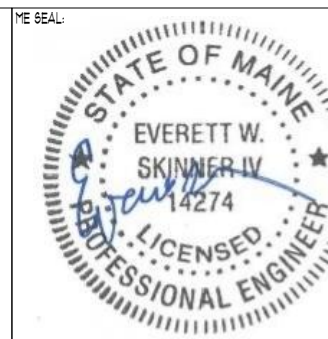
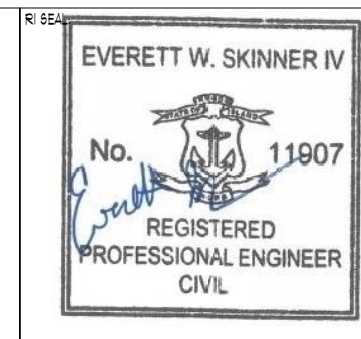
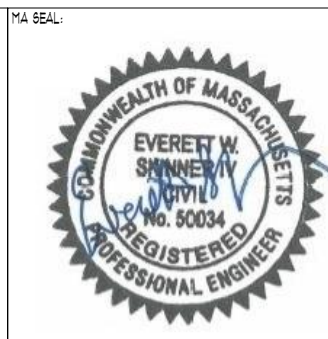
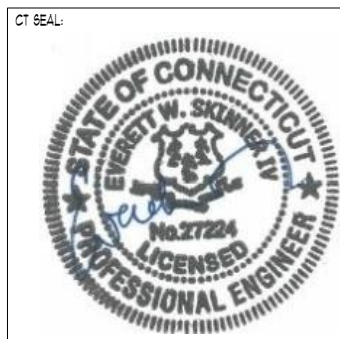
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FOUNDATION LAYOUT AND SIZES OF FOOTING AND WALLS ARE SHOWN FOR GENERAL INFORMATION PURPOSES ONLY. ACTUAL FOUNDATION LAYOUT WILL VARY WITH SPECIFIED BUILDING SIZE AND GEOGRAPHICAL LOCATION



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 DRAWING TITLE: PERMIT ISSUE FOUNDATION PLAN
 DATE: 07-05-17
 SCALE: AS NOTED
 DRAWN BY: TTP
 CHECK BY: EWS
 PROJECT ID: TF-2 OF 2