



AREA OF SILL TO BE REPLACED  
 AREA OF SILL TO BE REPAIRED

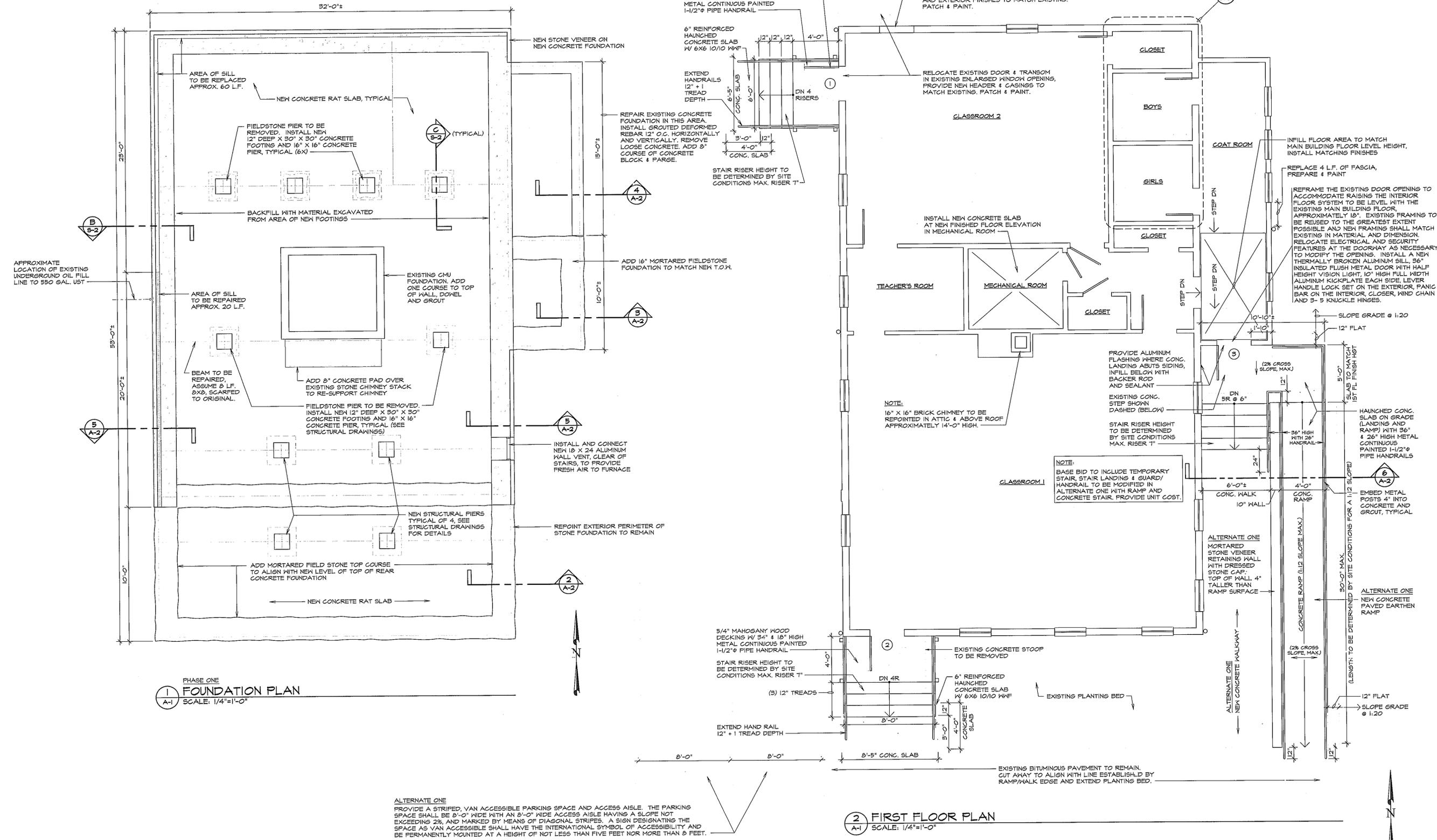
NOTE: PRIOR TO ANY WORK COMMENCING ON THE NORTH SIDE OF THE PROPERTY, INSURE THAT THE TOWN OF EGREMONT HAS THE PERMISSION OF THE ADJACENT LANDOWNER TO ACCESS THE REAR OF THE BUILDING.

INSTALL NEW DOOR & HARDWARE, PAINT DOOR AND TRIM. INSTALL NEW ILLUMINATED EXIT SIGN ABOVE TRANSOM, RELOCATE FULL STATION HORN / STROBE EMERGENCY LIGHT AND FIRE EXTINGUISHER.

5/4" MAHOGANY WOOD DECKING W/ 3/4" x 18" HIGH METAL CONTINUOUS PAINTED 1-1/2" PIPE HANDRAIL

RELOCATE EXISTING WINDOW TO DOOR OPENING. INFILL BELOW WINDOW OPENING WITH WOOD STUDS, INSULATION AND INTERIOR AND EXTERIOR FINISHES TO MATCH EXISTING. PATCH & PAINT.

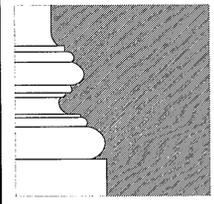
ALTERNATE ONE  
 SEE DETAILS FOR TOILET ROOM RENOVATIONS SHEET A-3



PHASE ONE  
 1 FOUNDATION PLAN  
 SCALE: 1/4"=1'-0"

2 FIRST FLOOR PLAN  
 SCALE: 1/4"=1'-0"

ALTERNATE ONE  
 PROVIDE A STRIPED VAN ACCESSIBLE PARKING SPACE AND ACCESS AISLE. THE PARKING SPACE SHALL BE 8'-0" WIDE WITH AN 8'-0" WIDE ACCESS AISLE HAVING A SLOPE NOT EXCEEDING 2%, AND MARKED BY MEANS OF DIAGONAL STRIPES. A SIGN DESIGNATING THE SPACE AS VAN ACCESSIBLE SHALL HAVE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND BE PERMANENTLY MOUNTED AT A HEIGHT OF NOT LESS THAN FIVE FEET NOR MORE THAN 8 FEET.



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 134 Main St  
 Putnam, CT  
 06260  
 860 315 9570

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STAMP



RESERVED

PROJECT

Foundation Stabilization  
 South Egremont  
 Village School  
 42 Main Street  
 South Egremont, MA

Prepared for  
 Town of Egremont  
 171 Egremont Plain Rd  
 Egremont, MA 01258  
 413-528-0182

REVISIONS

Date	Description

SHEET TITLE

Construction Documents  
 Foundation & 1st Floor Plans

PROJ. NO. 2017034

SCALE AS NOTED

DATE October 20, 2017

DESIGNED LYN SMITH, AIA, LEED AP

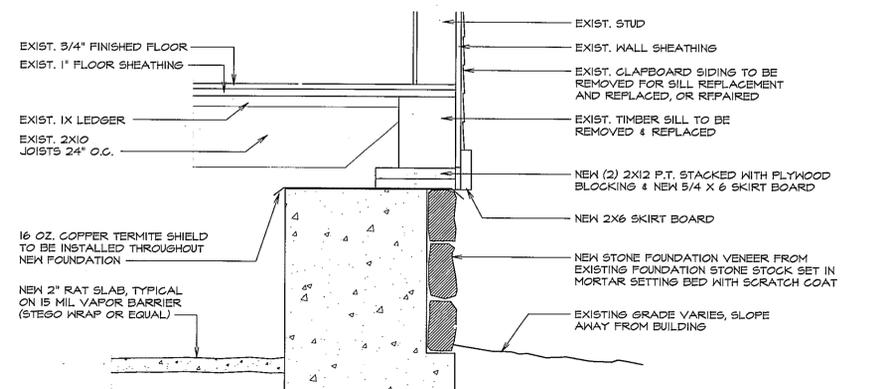
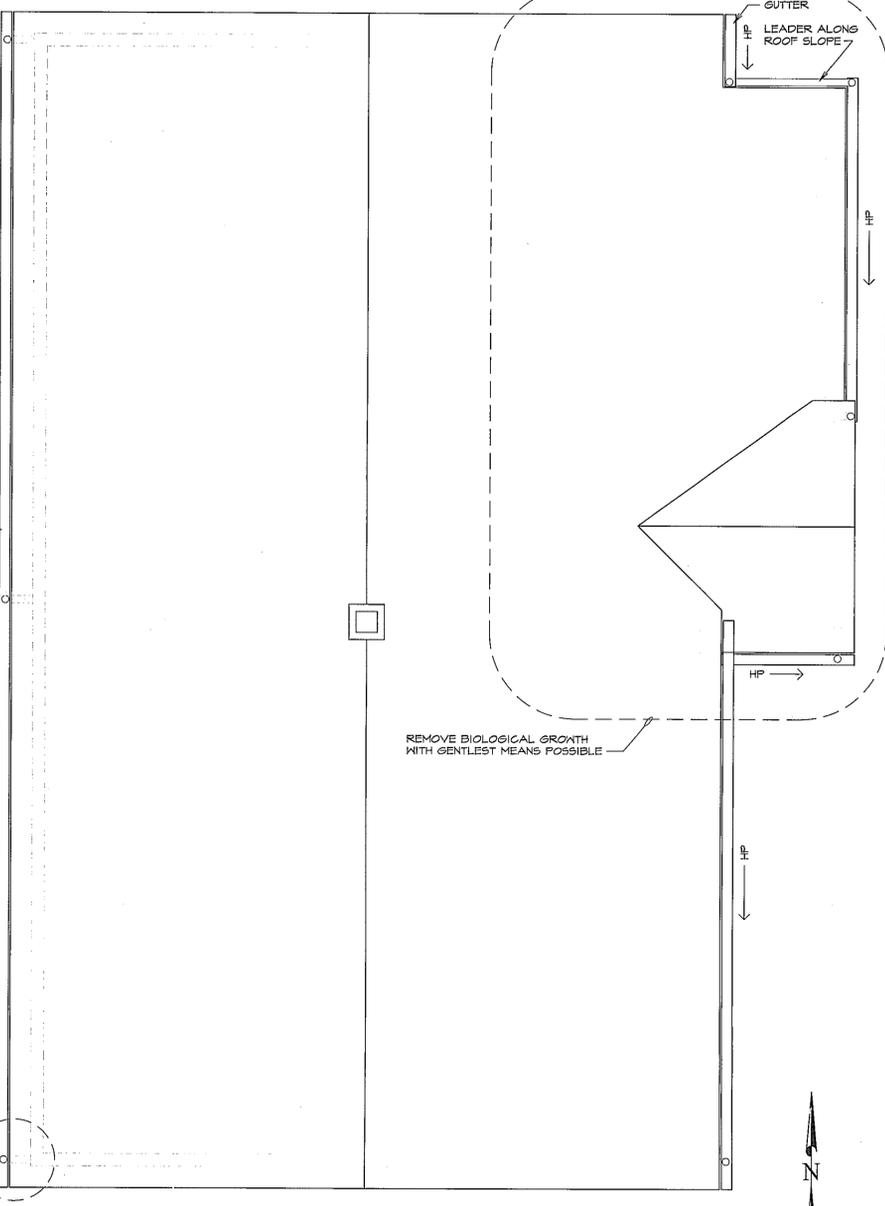
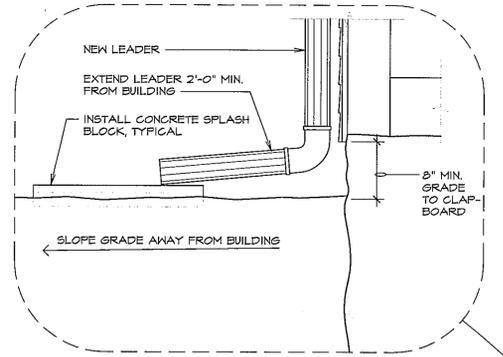
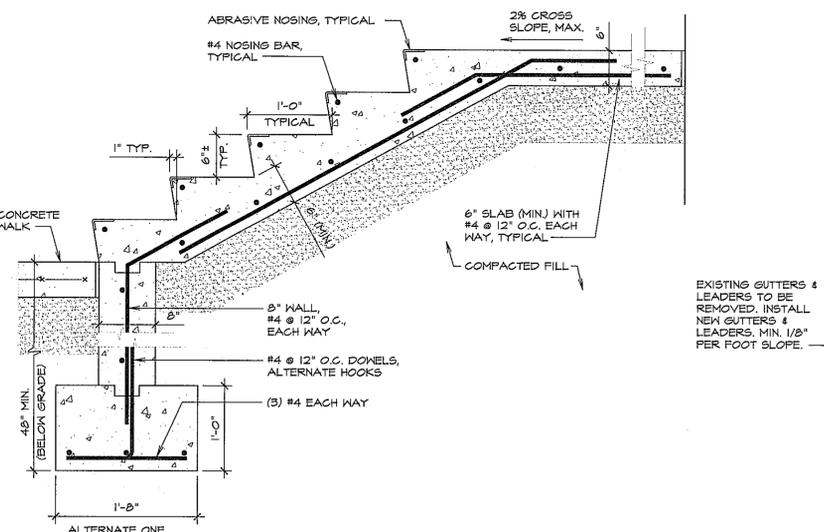
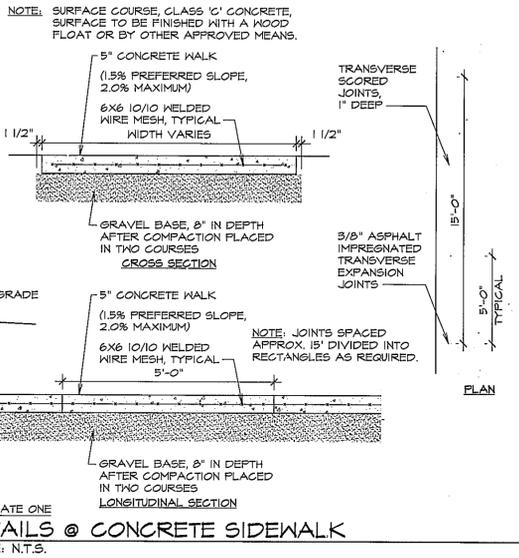
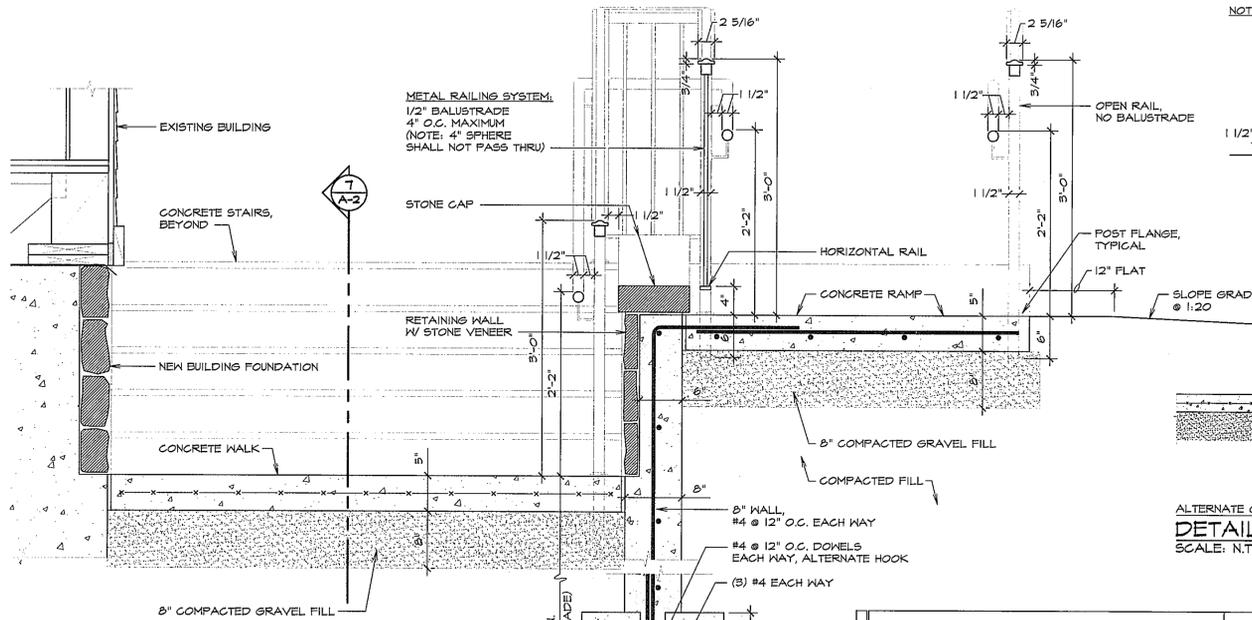
DRAWN CLINTON RICHMOND

CHECKED ECS

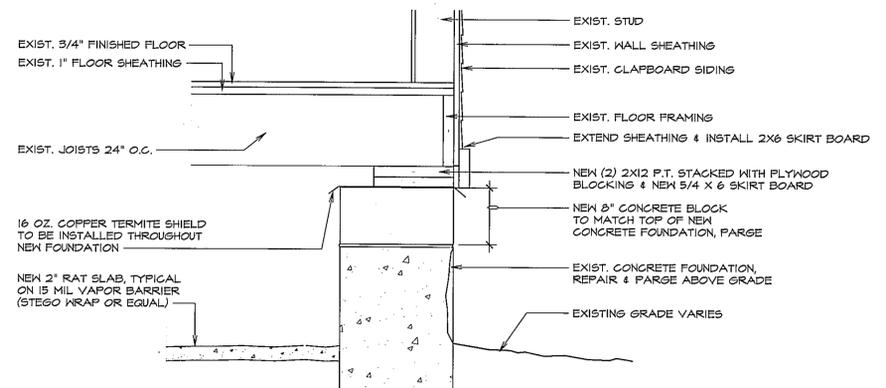
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A-1

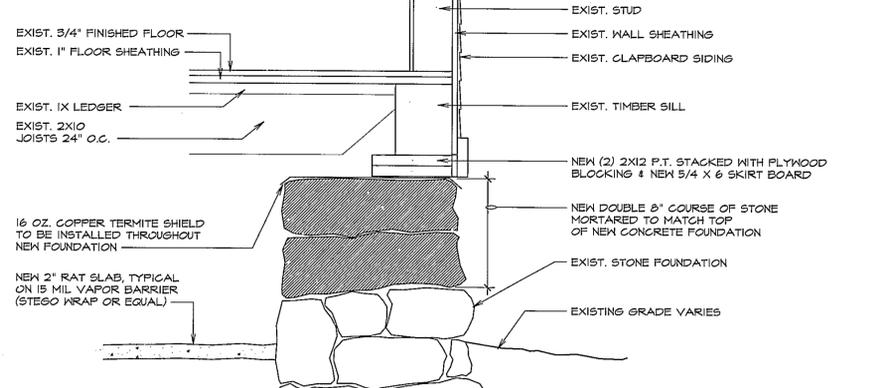
2 OF 6



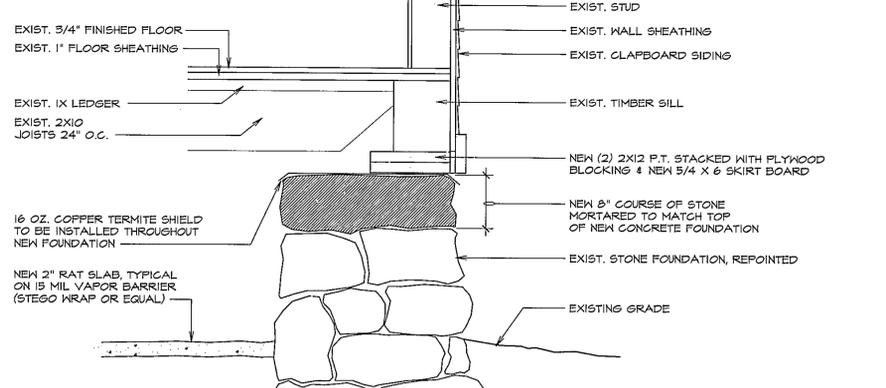
**5 SECTION DETAIL @ SILL (ORIGINAL BUILDING)**  
SCALE: 1"=1'-0"



**4 SECTION DETAIL @ SILL (SIDE ADDITION W/ CONCRETE FOUNDATION)**  
SCALE: 1"=1'-0"

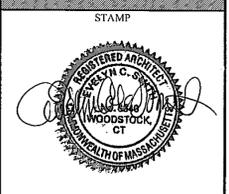


**3 SECTION DETAIL @ SILL (SIDE ADDITION W/ FIELD STONE FOUNDATION)**  
SCALE: 1"=1'-0"



**2 SECTION DETAIL @ SILL (FRONT ADDITION)**  
SCALE: 1"=1'-0"

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PROJECT  
Foundation Stabilization  
South Egremont Village School  
42 Main Street  
South Egremont, MA  
Prepared for  
Town of Egremont  
171 Egremont Plain Rd  
Egremont, MA 01258  
413-528-0182

REVISIONS

Date	Description

SHEET TITLE  
Construction Documents  
Roof Plan and Details

PROJ. NO. 2017034  
SCALE AS NOTED  
DATE October 20, 2017  
DESIGNED LYN SMITH, AIA, LEED AP  
DRAWN CLINTON RICHMOND  
CHECKED ECS

SHEET  
**A-2**  
3 OF 6



**GENERAL NOTES:**

- THE PURPOSE OF THESE DRAWINGS IS TO SHOW THE REMEDIAL WORK ASSOCIATED WITH THE REPAIR OF THE STRUCTURAL ELEMENTS OF THE SOUTH EGREMONT VILLAGE SCHOOL IN SOUTH EGREMONT, MA. THE INTENT OF THE REMEDIAL WORK IS TO REPAIR DEFICIENCIES AND FULLY SUPPORT THE FIRST FLOOR FRAMING, EXTERIOR WALLS, AND ROOF FRAMING.
- THE WORK SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE MASSACHUSETTS STATE BUILDING CODE (780 CMR), EIGHTH EDITION, WHICH IS THE 2009 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED.
- THIS WORK HAS BEEN DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE WORK SHOWN ON THESE DRAWINGS HAS BEEN COMPLETED. THE STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. THIS RESPONSIBILITY EXTENDS TO ALL RELATED ASPECTS OF THE CONSTRUCTION ACTIVITY INCLUDING, BUT NOT LIMITED TO, ERECTION METHODS, ERECTION SEQUENCE, TEMPORARY BRACING, FORMS, SHORING, USE OF EQUIPMENT, AND SIMILAR CONSTRUCTION PROCEDURES. REVIEW OF THE CONSTRUCTION BY THE ENGINEER IS FOR CONFORMANCE WITH DESIGN ASPECTS ONLY, NOT TO REVIEW THE CONTRACTOR'S CONSTRUCTION PROCEDURES. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO CONSTRUCTION PROCEDURES IS NOT TO BE INTERPRETED AS APPROVAL OF THOSE PROCEDURES.
- SHORING NOTE: THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE REQUIREMENTS FOR ALL TEMPORARY SHORING THAT MAY BE REQUIRED TO SUPPORT INSTABILITIES OF THE EXISTING STRUCTURE DURING THE WORK. THIS RESPONSIBILITY INCLUDES DESIGNING, PROVIDING, INSTALLING AND MAINTAINING TEMPORARY SHORING THAT MAY BE REQUIRED TO PRESERVE THE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF THE CONSTRUCTION TO REMAIN AND ALLOW FOR THE INSTALLATION OF THE NEW FRAMING AND FOUNDATIONS. IF REQUIRED, THE SHORING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MASSACHUSETTS AND THE SHORING PLAN AND DETAILS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO THE START OF THE WORK.
- JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. REVIEW OF THE CONSTRUCTION BY THE ENGINEER IS FOR CONFORMANCE WITH DESIGN ASPECTS ONLY, NOT TO REVIEW THE CONTRACTOR'S PROVISIONS FOR JOB SITE SAFETY. LACK OF COMMENT BY THE ENGINEER IS NOT TO BE INTERPRETED AS APPROVAL OF THOSE ASPECTS OF WORK.
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.
- DO NOT SCALE DRAWINGS.

**SPECIAL NOTES TO THE CONTRACTOR**

- CONTRACTORS MUST REVIEW THE WORK AREA PRIOR TO SUBMITTING CONSTRUCTION PROPOSALS TO DETERMINE THE FULL SCOPE OF WORK INVOLVED. THE DRAWINGS MAY NOT SHOW ALL PIPING, CONDUITS, EQUIPMENT, AND FIXTURES THAT MAY HAVE TO BE RE-ROUTED OR TEMPORARILY DISLOCATED TO PERFORM THE STRUCTURAL WORK SHOWN.
- THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS AND ELEVATIONS OF THE EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.
- THE SCHEDULING OF ALL PHASES OF THE WORK, INCLUDING ANY TEMPORARY SERVICE OUTAGES, SHALL BE COORDINATED WITH THE OWNER'S DESIGNATED ON-SITE REPRESENTATIVE.
- ALL FINISHES OR MATERIALS DAMAGED IN THE PERFORMANCE OF THE WORK SHALL BE RESTORED TO ORIGINAL CONDITION. TEMPORARILY RELOCATED UTILITIES OR EQUIPMENT SHALL BE PUT BACK IN PROPER POSITION.
- AT THE COMPLETION OF THE WORK, ALL TEMPORARY DUST-PROOFING AND CONSTRUCTION DEBRIS IS TO BE REMOVED, AND THE AREA LEFT IN A CLEAN AND NEAT MANNER.

**DEMOLITION NOTES:**

- CONDUCT DEMOLITION AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
- DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER.
- CONDUCT DEMOLITION TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA.
- PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION TO REMAIN.
- REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
- CLEAN ADJACENT AREAS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.

**DEFINITIONS**

- REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO BE REMOVED AND REINSTALLED.
- REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE FOR REUSE, AND REINSTALL WHERE INDICATED.
- EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE PERMANENTLY REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE REMOVED OR REINSTALLED.

**SELECTIVE DEMOLITION NOTES**

- GENERAL: DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS:
  - PROCEED WITH SELECTIVE DEMOLITION SYSTEMATICALLY, FROM HIGHER TO LOWER LEVEL. COMPLETE SELECTIVE DEMOLITION OPERATIONS ABOVE EACH FLOOR OR TIER BEFORE DISTURBING SUPPORTING MEMBERS ON THE NEXT LOWER LEVEL.
  - NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST.
  - LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. USE HAND TOOLS OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERS AND CHOPPING, TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES. TEMPORARILY COVER OPENINGS TO REMAIN.
  - CUT OR DRILL FROM THE EXPOSED OR FINISHED SIDE INTO CONCEALED SURFACES TO AVOID MARRING EXISTING FINISHED SURFACES.
  - REMOVE DECAYED, VERMIN-INFESTED, OR OTHERWISE DANGEROUS OR UNSUITABLE MATERIALS AND PROMPTLY DISPOSE OF OFF-SITE.
  - LOCATE SELECTIVE DEMOLITION EQUIPMENT AND REMOVE DEBRIS AND MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.
  - DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.

**REMOVED AND REINSTALLED ITEMS:**

- CLEAN AND REPAIR ITEMS TO FUNCTIONAL CONDITION ADEQUATE FOR INTENDED REUSE.
- PACK OR CRATE ITEMS AFTER CLEANING AND REPAIRING. IDENTIFY CONTENTS OF CONTAINERS.
- PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE.
- REINSTALL ITEMS IN LOCATIONS INDICATED. COMPLY WITH INSTALLATION REQUIREMENTS FOR NEW MATERIALS AND EQUIPMENT. PROVIDE CONNECTIONS, SUPPORTS, AND MISCELLANEOUS MATERIALS NECESSARY TO MAKE ITEM FUNCTIONAL FOR USE INDICATED.

**EXISTING ITEMS TO REMAIN:**

- PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOLING DURING SELECTIVE DEMOLITION.
- WHEN PERMITTED BY ENGINEER, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION AND CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS AFTER SELECTIVE DEMOLITION OPERATIONS ARE COMPLETE.

**CONCRETE NOTES:**

- ALL CONCRETE WORK SHALL CONFORM TO ALL THE REQUIREMENTS OF ACI 301-05, "SPECIFICATIONS FOR STRUCTURAL CONCRETE IN BUILDINGS" AND ACI 318-02, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE."
- CONCRETE SHALL BE THE SPECIFIED WEIGHT AND DEVELOP A MINIMUM STRENGTH IN 28 DAYS AS FOLLOWS:

LOCATION	WEIGHT	MAXIMUM WATER/CEMENTITIOUS RATIO	
		STRENGTH	(OR SLUMP WHERE INDICATED)
FOOTINGS	NORMAL	3,000 PSI SLUMP: 4" +/- 1"	

- CONCRETE DESIGN MIX WILL BE SUBMITTED TO THE ENGINEER FOR REVIEW, TOGETHER WITH LABORATORY REPORTS ATTESTING THAT THE MIXES CAN ATTAIN THE MINIMUM STRENGTH REQUIRED IN ACCORDANCE WITH SECTION 4 OF ACI 301-05.
- PORTLAND CEMENT SHALL BE TYPE I OR TYPE II AND CONFORM TO ASTM C150.

- OTHER CEMENTITIOUS MATERIAL SUCH AS FLYASH OR GROUND GRANULATED BLAST-FURNACE SLAG MAY BE BLENDED WITH CEMENT FOR USE IN THE CONCRETE MIX. FLYASH SHALL CONFORM TO ASTM C618 AND MAY REPLACE CEMENT IF THE FOLLOWING RANGES FOR THE 2 CLASSES OF FLYASH; CLASS C, 20 TO 35%; CLASS F, 15 TO 25%. GROUND GRANULATED BLAST-FURNACE SLAG SHALL CONFORM TO ASTM C989 AND MAY NOT EXCEED 50% OF TOTAL WEIGHT OF CEMENTITIOUS MATERIALS.

- COARSE AGGREGATE SHALL BE 3/4" AND CONFORM TO ASTM C33.

- NO ADMIXTURES ARE PERMITTED WITHOUT THE ENGINEERS WRITTEN PERMISSION OTHER THAN ENTRAINED AIR. CONCRETE SHALL CONTAIN 5% + 1% ENTRAINED AIR.

**GENERAL WOOD NOTES:**

- WOOD DESIGN IS BASED ON THE 2001 AF&PA NDS-01, "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH THE 2001 SUPPLEMENT."
- ALL WOOD FRAMING IS TO BE STORED ON SITE ABOVE THE GROUND ON "STICKERS" INDOORS OR UNDER TARPS WITH ADEQUATE CLEARANCES TO ALLOW AIR CIRCULATION.
- CONNECTORS, ANCHORS AND ACCESSORIES SHALL BE FABRICATED FROM STRUCTURAL STEEL SHAPES, PLATES, AND BARS COMPLYING WITH ASTM A36. ALL FABRICATED ASSEMBLIES SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A 123.
- FLUSH FRAMED CONNECTIONS SHALL BE MADE WITH PREFABRICATED GALVANIZED STEEL HANGERS MADE BY SIMPSON STRONG-TIE, CO., INC. OR KANT-SAG CONNECTORS BY UNITED STEEL PRODUCTS CO. OF WIDTH AND DEPTH APPROPRIATE FOR THE SUPPORTED MEMBER. INSTALL WITH THE TYPE AND QUANTITY OF FASTENERS RECOMMENDED BY THE MANUFACTURER. PREFABRICATED STEEL HANGERS USED IN CONTACT WITH PRESERVATIVE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123 OR STAINLESS STEEL, TYPE 316, OR HAVE A TRIPLE ZINC (ASTM G185) COATING. FASTENERS IN CONTACT WITH PRESERVATIVE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153 OR STAINLESS STEEL, TYPE 316. DO NOT MIX STAINLESS STEEL AND GALVANIZED FASTENERS AND CONNECTORS.
- CONTRACTOR SHALL CHOOSE METAL CONNECTOR (SIMPSON, USP, OR APPROVED EQUAL) BASED ON MEMBER REACTIONS SHOWN ON DWG'S AND/OR CONNECTION CONFIGURATION AND PROVIDE PRODUCT DATA TO THE ENGINEER FOR APPROVAL. METAL CONNECTIONS ARE REQUIRED AT FLUSH FRAMED CONDITIONS, POST CAPS AND BASES, AND WHERE INDICATED ON PLAN.
- STRUCTURAL WOOD FRAMING USED IN EXTERIOR APPLICATIONS OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE SOUTHERN YELLOW PINE NO. 2 OR BETTER, ACQ (ALKALINE COPPER QUATERNARY) OR CA (COPPER AZOLE) PRESERVATIVE TREATED WOOD WITH A RETENTION APPROPRIATE FOR END USE.
- BUILT-UP MEMBERS OF THREE PLYS OR LESS SHALL HAVE ADJACENT PLYS NAILED TOGETHER WITH TWO ROWS OF NAILS AT 12" O.C. (10D COMMON NAILS FOR 1-1/2" PLYS, 12D COMMON NAILS FOR 1-3/4" PLYS). BUILT-UP MEMBERS OF MORE THAN 3 PLYS SHALL BE ASSEMBLED WITH 1/2" DIAMETER THRU BOLTS AT 16" O.C. STAGGERED UP AND DOWN WITH 2 INCH CLEARANCE AT TOP AND BOTTOM EDGES.
- ANCHOR BOLTS FOR ATTACHMENT OF SILL PLATE TO FOUNDATION SHALL BE GALVANIZED 1/2" DIAMETER BOLTS AT 6'-0" O.C. SPACING. EMBED ANCHOR BOLTS A MINIMUM OF 7" INTO CAST CONCRETE. ANCHOR BOLTS ARE TO BE PLACED WITHIN 1'-0" OF ALL CORNERS ON ALL EXTERIOR WALLS. ALL PIECES OF SILL PLATE SHALL HAVE A MINIMUM OF TWO ANCHOR BOLTS.

**LAMINATED VENEER LUMBER, LAMINATED STRUCTURAL LUMBER AND PARALLEL STRAND LUMBER NOTES:**

- LAMINATED VENEER LUMBER (LVL) SHALL BE "MICRO-LAM" AS MANUFACTURED BY ILEVEL TRUS JOIST WEYERHAEUSER, "G-P LAM" AS MANUFACTURED BY THE GEORGIA PACIFIC CORPORATION OR "GANG-LAM" AS MANUFACTURED BY THE LOUISIANA PACIFIC CORPORATION. PARALLEL STRAND LUMBER (PSL) SHALL BE "PARALLAM" AS MANUFACTURED BY ILEVEL TRUS JOIST WEYERHAEUSER. LAMINATED STRUCTURAL LUMBER (LSL) SHALL BE "TIMBERSTRAND" AS MANUFACTURED BY ILEVEL TRUS JOIST WEYERHAEUSER.
- MINIMUM ALLOWABLE STRESS AND STIFFNESS CHARACTERISTICS OF LVL AND PSL MATERIAL SHALL BE AS FOLLOWS:

	LVL	PSL
FB =	2600 PSI	2900 PSI
FC (PARALLEL TO GRAIN) =	2510 PSI	2900 PSI
FC PERPENDICULAR TO GRAIN =	750 PSI	750 PSI
FV =	285 PSI	290 PSI
E =	1,900,000 PSI	2,000,000 PSI

MEMBER SIZES SHOWN ON PLAN (WIDTH X DEPTH) SPECIFIED AS LVL MAY BE CONSTRUCTED OF MULTIPLE LVL PLYS OR PSL OF THE SPECIFIED DEPTH, FASTENED TOGETHER BY NAILING OR BOLTING AS REQUIRED. MEMBER SIZES FOLLOWED ONLY BY PSL MUST BE INSTALLED AS A SOLID MEMBER, NOT BUILT-UP.

- MEMBERS MAY NOT BE BORED OR NOTCHED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

**STRUCTURAL EPOXY REPAIR NOTES**

- STRUCTURAL EPOXY SHALL BE OF A TYPE WHICH HAS A PROVEN USE FOR THE REPAIR OF DAMAGED WOOD SUCH AS CONSERV STRUCTURAL EPOXY REPAIR 600, AS MANUFACTURED BY CONSERV EPOXY LLC, NORTHFORD, CT, OR AN APPROVED EQUAL.
- WOOD SURFACES TO RECEIVE EPOXY REPAIR SHALL BE CLEAN AND DRY WITH A MOISTURE CONTENT OF LESS THAN 20%. REMOVE ALL DECAY DOWN TO SOUND WOOD AND REMOVE ALL WOOD FRAGMENTS AND DUST.
- STRUCTURAL EPOXY REPAIRS SHOULD ONLY BE UNDERTAKEN WHEN THE TEMPERATURE RANGES BETWEEN 55° AND 90°F. KEEP TREATED AREAS DRY AND OUT OF DIRECT SUNLIGHT BEFORE AND DURING THE APPLICATION UNTIL THE EPOXY HAS SET.
- FOR LARGE VOIDS, THE ADDITION OF SAND AND/OR AGGREGATE IS RECOMMENDED TO MINIMIZE THE HEAT GENERATED FROM THE MASS OF CURING EPOXY.
- PRIME ALL WOOD SURFACES TO RECEIVE EPOXY REPAIR.
- MIX, APPLY, AND CURE THE STRUCTURAL EPOXY IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.

**WOOD FASTENERS NOTES:**

- NAILS AND SPIKES SHALL CONFORM TO THE NOMINAL SIZES SPECIFIED IN FEDERAL SPECIFICATIONS FF-N-105B AND AS NOTED BELOW:

COMMON	PENNYWEIGHT	TYPE	8D	10D	12D	16D	20D
			SHANK DIAMETER	0.131"	0.148"	0.162"	0.192"
		LENGTH	2.50"	3.00"	3.25"	3.50"	4.00"
		HEAD DIAMETER	0.281"	0.312"	0.129"	0.344"	0.406"

PNEUMATIC OR ELECTRIC POWERED HAMMERS TYPICALLY UTILIZE LIGHTER GAGE FASTENERS AND NORMALLY REQUIRE ADDITIONAL FASTENERS TO BE INSTALLED. FASTENER SPECIFICATIONS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION IF POWERED HAMMERS ARE TO BE USED.

- CONNECTORS, ANCHORS AND ACCESSORIES SHALL BE FABRICATED FROM STRUCTURAL STEEL SHAPES, PLATES, AND BARS COMPLYING WITH ASTM A36. ALL FABRICATED ASSEMBLIES SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A 123.

- BOLTS SHALL CONFORM TO ASTM A307 OR A36. NUTS SHALL CONFORM TO ASTM A 563. ALL FASTENERS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A 123.

- LAG AND WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1 - 19.81.

- ALL FASTENERS SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153.

- BORED LEAD HOLES FOR FASTENERS SHALL BE AS FOLLOWS:

- NAIL AND SPIKE LEAD HOLES ARE NOT REQUIRED UNLESS TO PREVENT SPLITTING OF WOOD. IF REQUIRED, LEAD HOLE DIAMETER SHALL NOT EXCEED 75% OF NAIL/SPIKE DIAMETER.

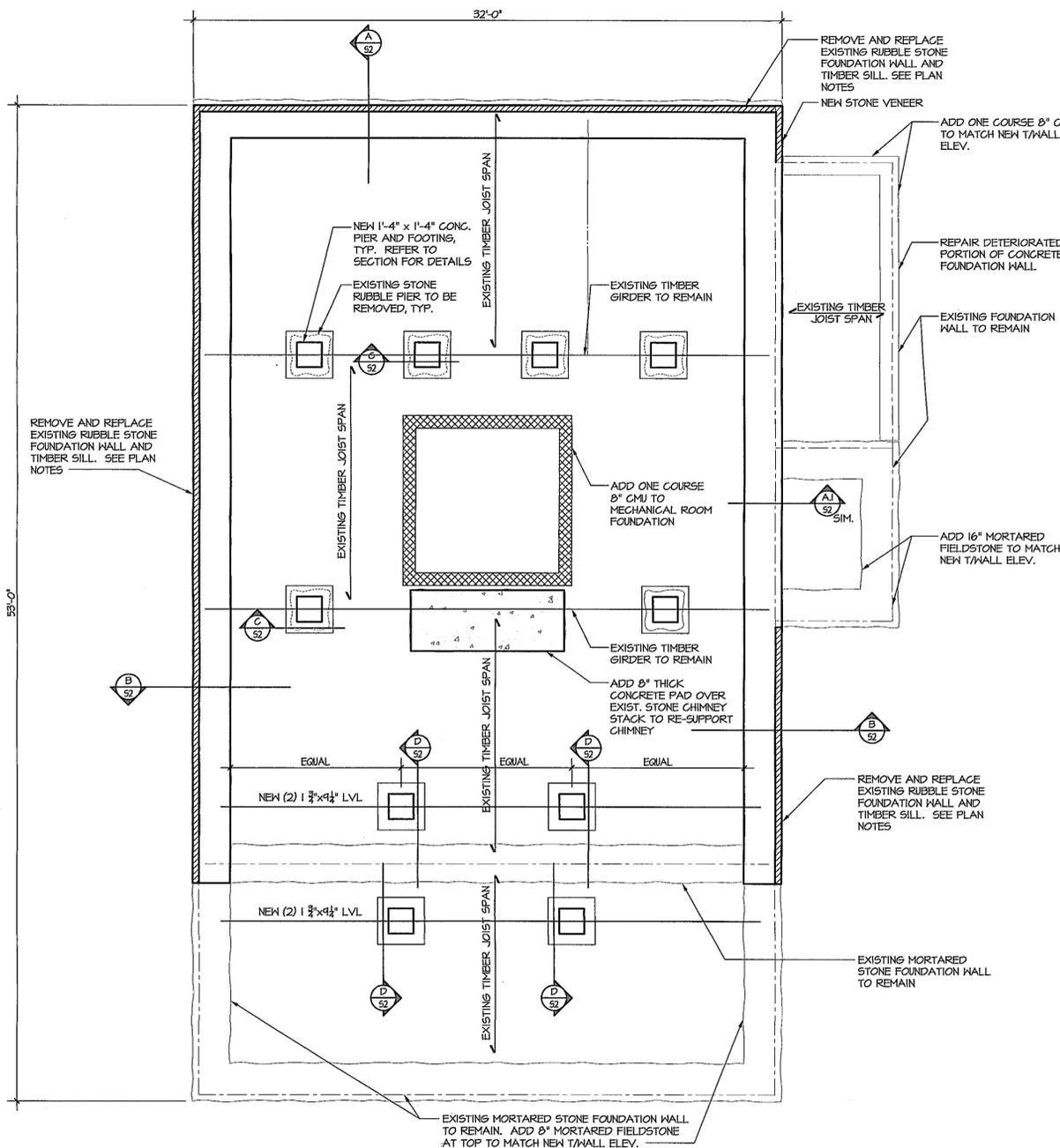
- WOOD SCREWS - LEAD HOLE DIAMETER EQUALS 7/8 OF UNTHREADED SHANK DIAMETER IN CONNECTED WOOD PART AND 7/8 OF DIAMETER AT ROOT OF THREAD IN WOOD RECEIVING THREAD.

- LAG SCREWS - LEAD HOLE DIAMETER EQUALS SHANK DIAMETER FOR EXTENT OF UNTHREADED SHANK, AND 60% OF SHANK DIAMETER FOR THREADED PORTION OF SHANK.

- THRU BOLTS - LEAD HOLE DIAMETER 1/32" TO 1/16" LARGER THAN NOMINAL BOLT DIAMETER.

- INSERT THREADED SCREW TYPE FASTENERS BY TURNING WITH SCREWDRIVER OR WRENCH. DO NOT DRIVE BY HAMMERS. FACILITATE INSTALLATION BY PLACING SOAP OR OTHER LUBRICANT ON THREADS.

- PROVIDE STANDARD ROUND WASHERS UNDER THE HEADS OF ALL THRU BOLTS AND LAG SCREWS AND UNDER ALL NUTS UNLESS OTHERWISE INDICATED ON THE PLANS. TIGHTEN FASTENERS WITHOUT CRUSHING WOOD FIBERS UNDER WASHERS.



**FOUNDATION AND FIRST FLOOR FRAMING PLAN**

1/4" = 1'-0"

- SCOPE OF WORK INCLUDES, BUT NOT LIMITED TO, RAISING THE BUILDING 8" BY REMOVING AND INSTALLING NEW CONCRETE FOUNDATIONS AND INTERIOR CONCRETE SLAB.
- STOCKPILES REMOVED STONES FOR USE AS VENEER ON THE NEW CONCRETE FOUNDATION, TYP.

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**PHASE ONE  
STABILIZATION**

SOUTH EGREMONT  
VILLAGE SCHOOL

42 MAIN STREET  
S. EGREMONT, MA

PREPARED FOR

**TOWN OF  
EGREMONT**

171 EGREMONT PLAIN RD  
EGREMONT, MA 01258  
(413) 528-0182

**REVISIONS**

No.	Date	Description

**FOUNDATION PLAN,  
DETAILS & NOTES**

PROJECT NO.: 15065.00

SCALE: AS NOTED

DATE: 10/20/2017

DESIGNED: SGL

DRAWN: SGL

CHECKED: BDR

DRAWING NUMBER

**S-1**



10-23-17

DATE: 10/20/2017

QUALITY CONTROL	REVIEWED	DATE
GROUP MANAGER		
SURVEY		
ENVIRONMENTAL		
CIVIL		
STRUCTURAL		
MECHANICAL		
ELECTRICAL		

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## PHASE ONE STABILIZATION

SOUTH EGREMONT  
VILLAGE SCHOOL

42 MAIN STREET  
S. EGREMONT, MA

PREPARED FOR

## TOWN OF EGREMONT

171 EGREMONT PLAIN RD  
EGREMONT, MA 01258  
(413) 528-0182

### REVISIONS

No.	Date	Description

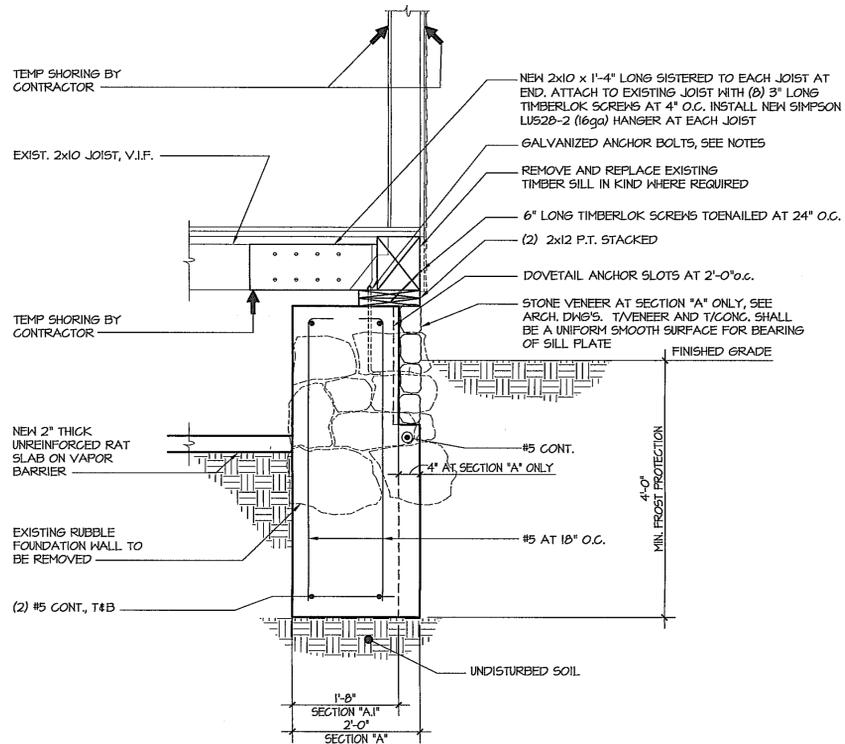
### FOUNDATION SECTIONS

PROJECT NO.: 15065.00  
SCALE: AS NOTED  
DATE: 10/20/2017  
DESIGNED: SGL  
DRAWN: SGL  
CHECKED: BDR

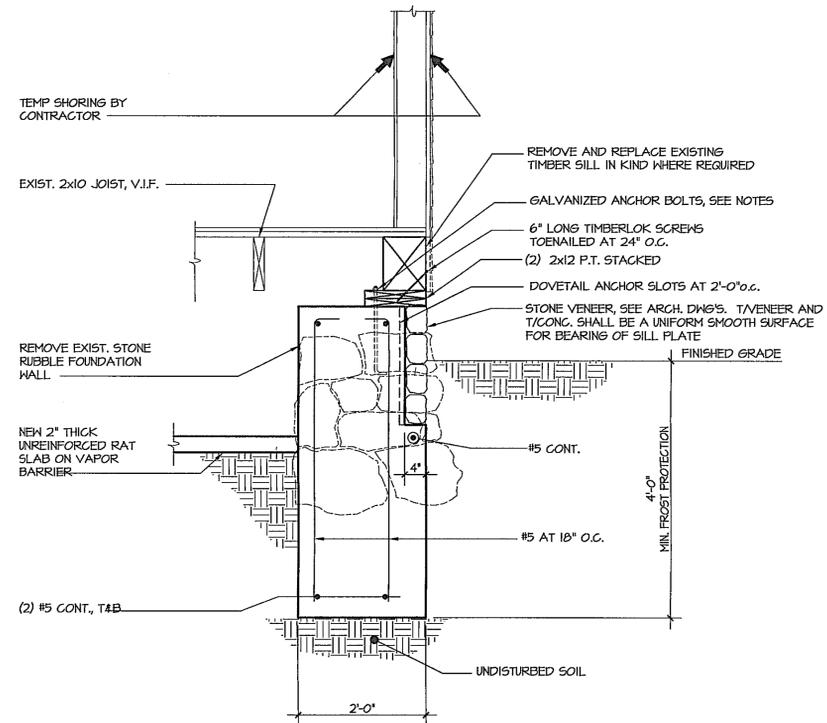
DRAWING NUMBER

# S-2

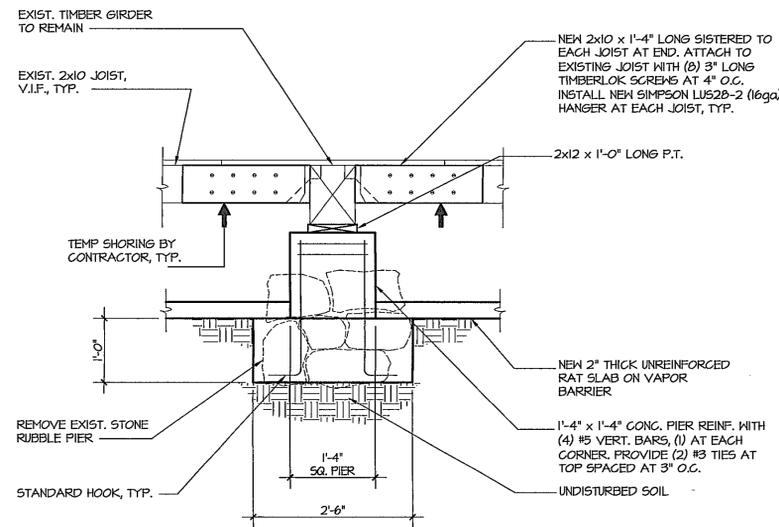
5 OF 5



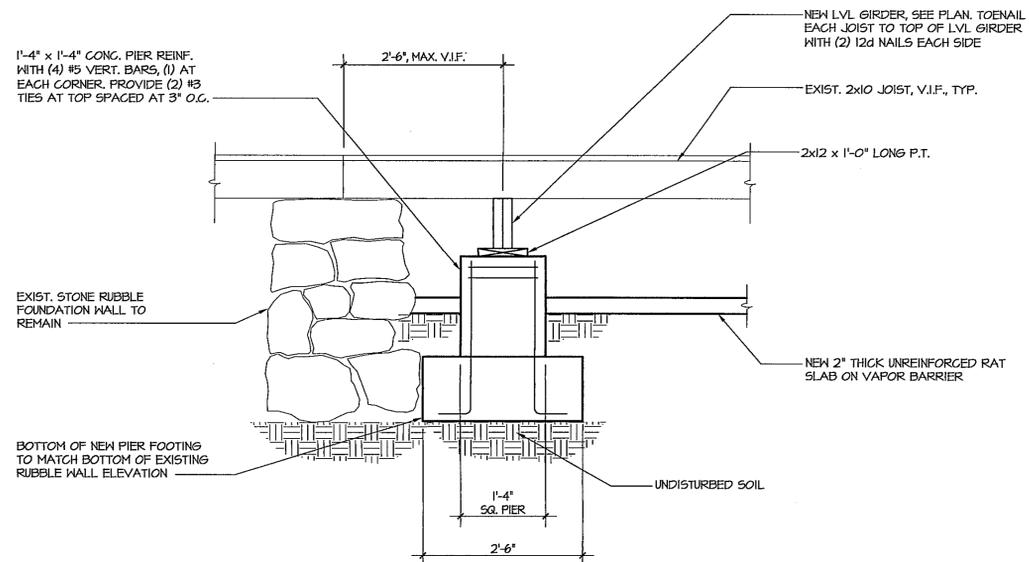
SECTION A AND A.I.  
3/4" = 1'-0"



SECTION B  
3/4" = 1'-0"



SECTION C  
3/4" = 1'-0"



SECTION D  
3/4" = 1'-0"



GROUP	QUALITY CONTROL	CERTIFICATION	DATE
PROJECT MANAGER			
SUBJECT			
CIVIL/MECHANICAL			
STRUCTURAL			
ARCHITECTURAL			

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