

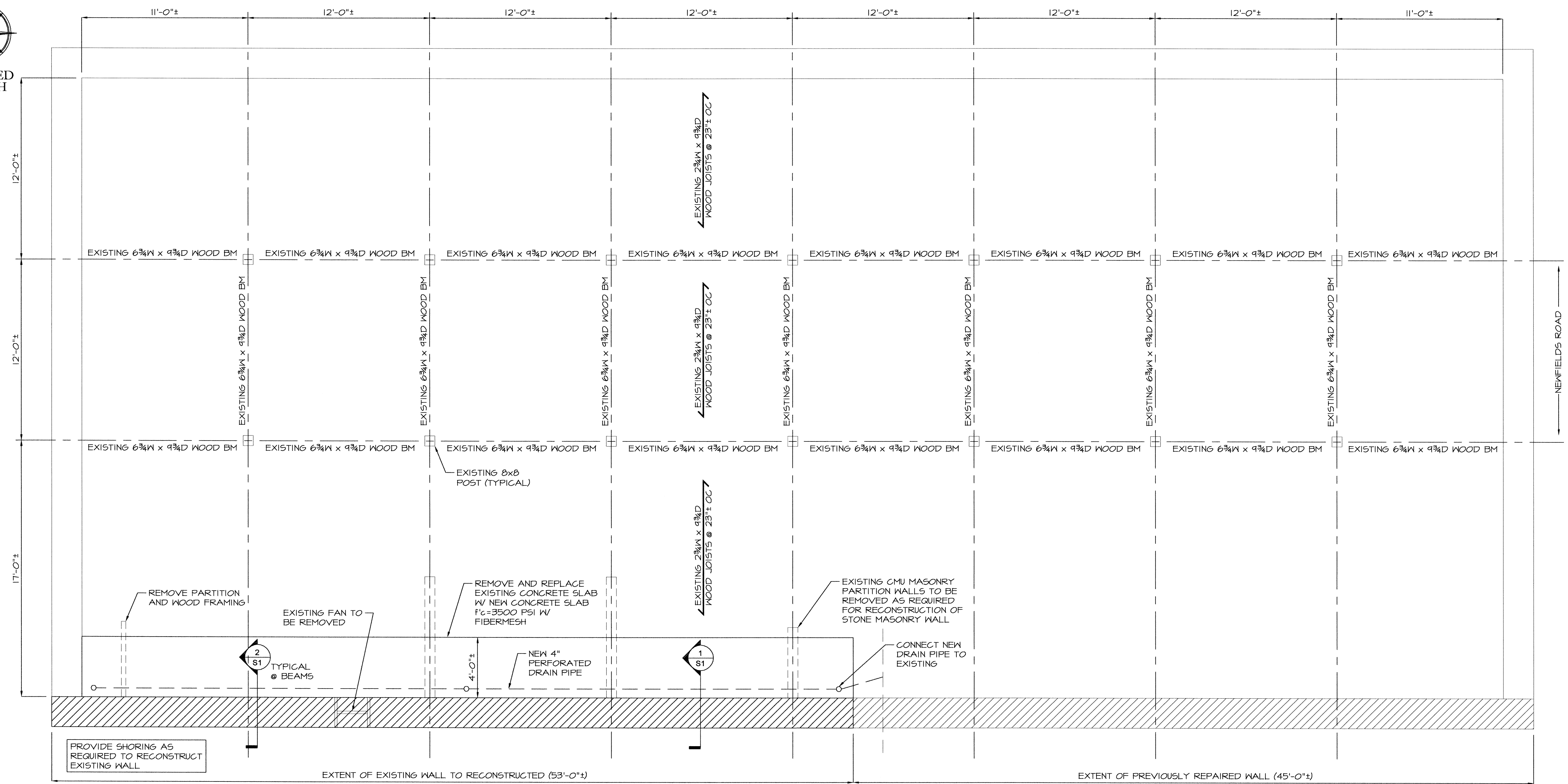


**NORTH WALL RECONSTRUCTION & RESTORATION**  
**SCOPE OF WORK:**

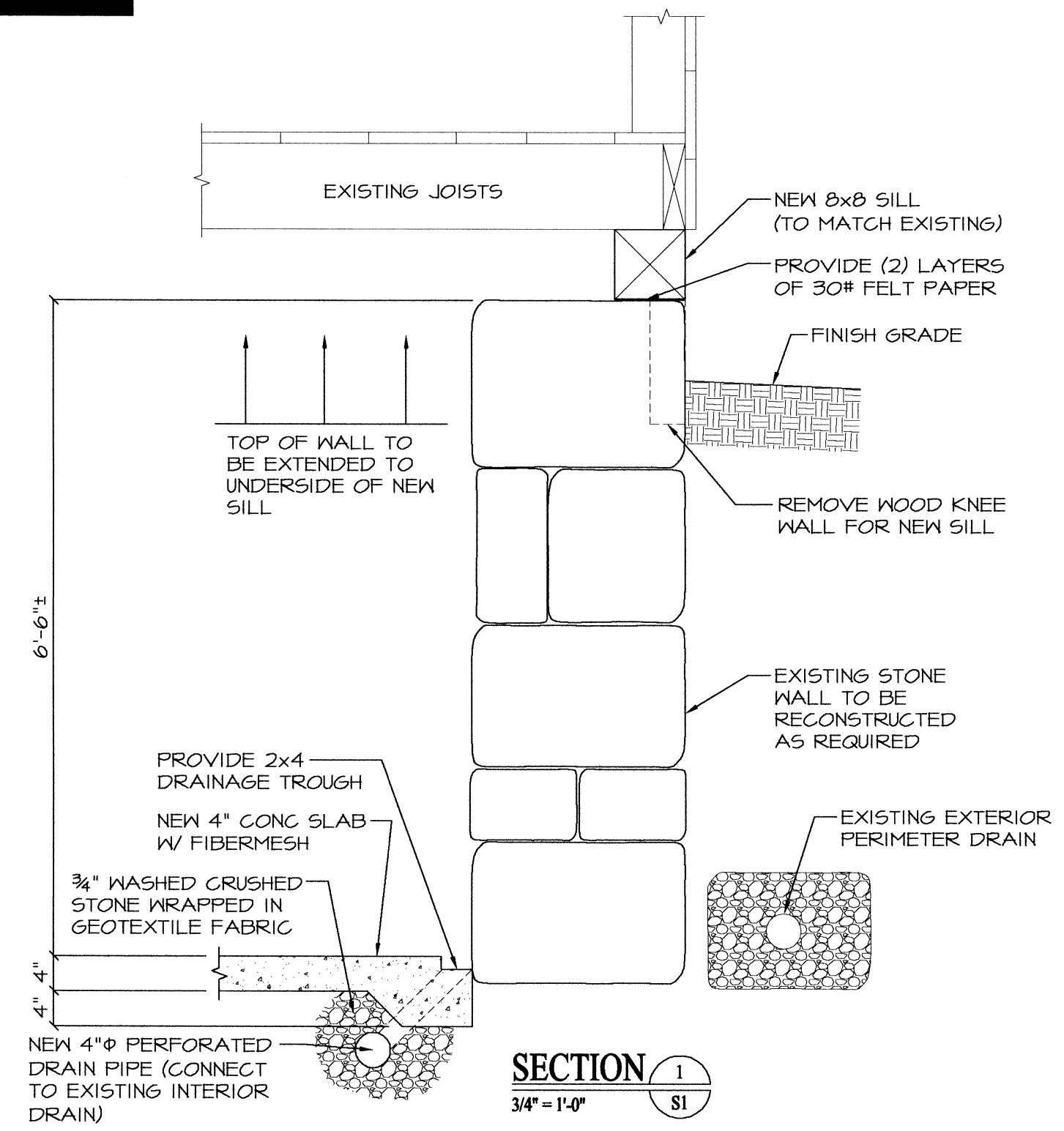
- PROVIDE ALL SHORING AS NECESSARY TO PERFORM RECONSTRUCTION AND RESTORATION OF STONE MASONRY WALL.
- REMOVE THREE EXISTING CONCRETE MASONRY BLOCK WALLS AND ASSOCIATED FRAMING AS REQUIRED AND DISPOSE OF OFF SITE.
- REMOVE EXISTING CONCRETE FACING THAT ENCAPSULATES THE LOWER PORTION OF THE STONE FOUNDATION WALL AND DISPOSE OF OFF SITE.
- REMOVE CATTLE STANCHIONS AND WOOD FRAMING ALONG NORTH WALL.
- REMOVE EXISTING EXHAUST FAN AND ENCLOSE OPENING.
- SAW CUT AND REMOVE CONCRETE SLAB ALONG NORTH WALL APPROXIMATELY 4'-0" WIDE. EXCAVATE AND INSTALL 6" DEEP WASHED CRUSHED STONE AND 4" DIAMETER PERFORATED PVC DRAIN PIPE LINED WITH GEOTEXTILE. CONNECT TO EXISTING STORM WATER DRAINAGE LINE. CONSTRUCT 4'-0" WIDE BY 53'-0" LONG CONCRETE SLAB AS PER PLAN.
- REMOVE AS REQUIRED AND RECONSTRUCT STONE MASONRY FOUNDATION WALL TO THE SAME HEIGHT AND THICKNESS. IT IS RECOMMENDED THAT THE STONE WALL BE EXTENDED TO MATCH THE SAME HEIGHT OF THE ADJOINING WALL THAT WAS RECENTLY RECONSTRUCTED.

**MATERIALS OF CONSTRUCTION:**

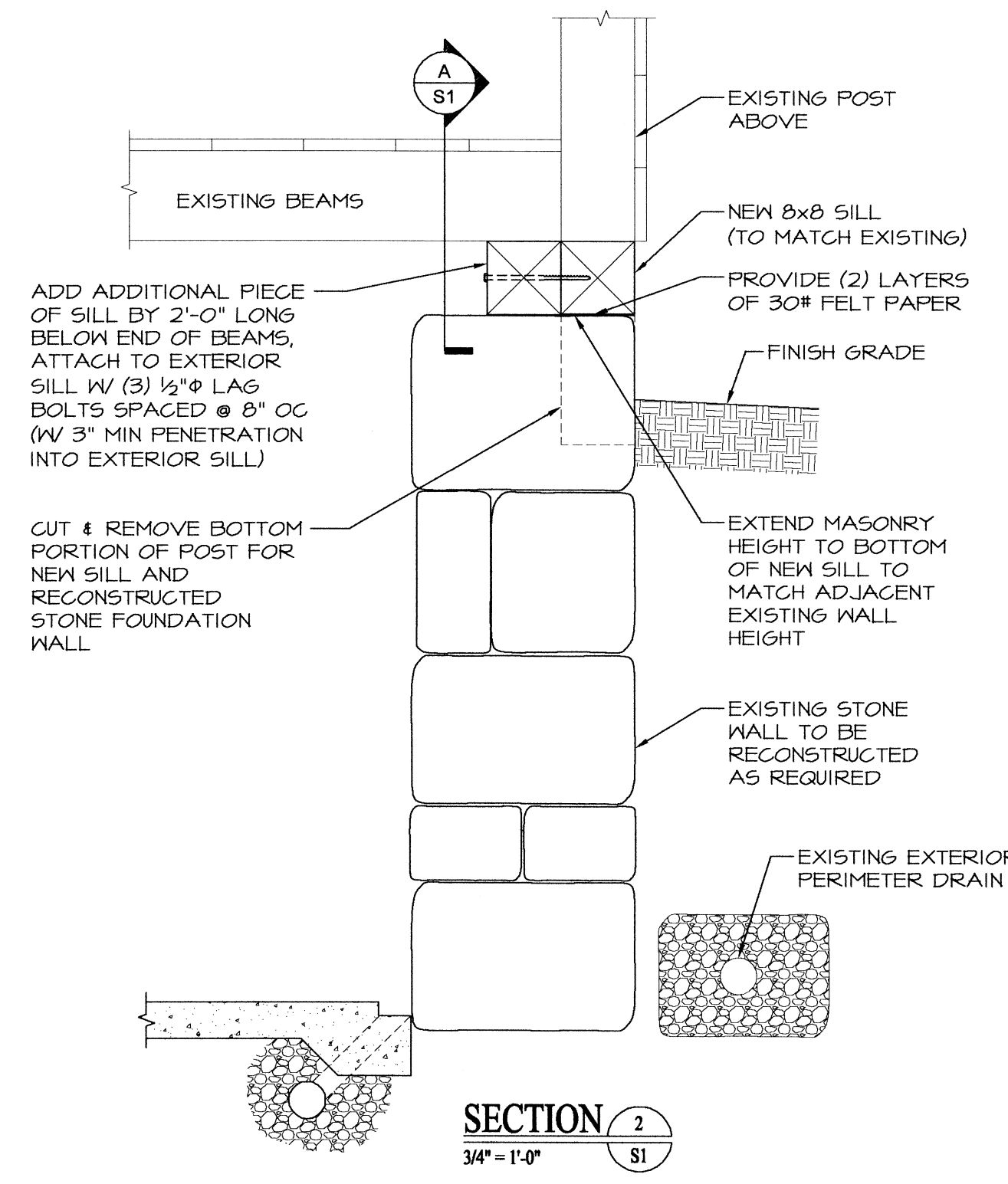
- RUBBLE STONE MASONRY FOUNDATION WALL - STONE SHALL BE SALVAGED ON-SITE STONE. STONES SHALL BE SET ON A FULL BED OF MORTAR.
- TIMBER FRAMING & SILL - NATIVE PINE, ROUGH SAWN, FULL DIMENSION, MATCH EXISTING DIMENSIONS.
- BARN BOARDS - NATIVE PINE, ROUGH SAWN, MATCH EXISTING.
- CLAP BOARDS - MATCH EXISTING USING SALVAGED MATERIALS FIRST, THEN NEW MATERIAL. PRIME & PAINT TO MATCH EXISTING.
- PERIMETER DRAINS - 4" DIAMETER PERFORATED PVC
- CONCRETE SLAB - 3500 PSI CONCRETE MIX WITH REINFORCING FIBERS, TROWEL FINISH. SAW CUT 1" DEEP CONTROL JOINTS @ 12'-0" +/- ON CENTER.



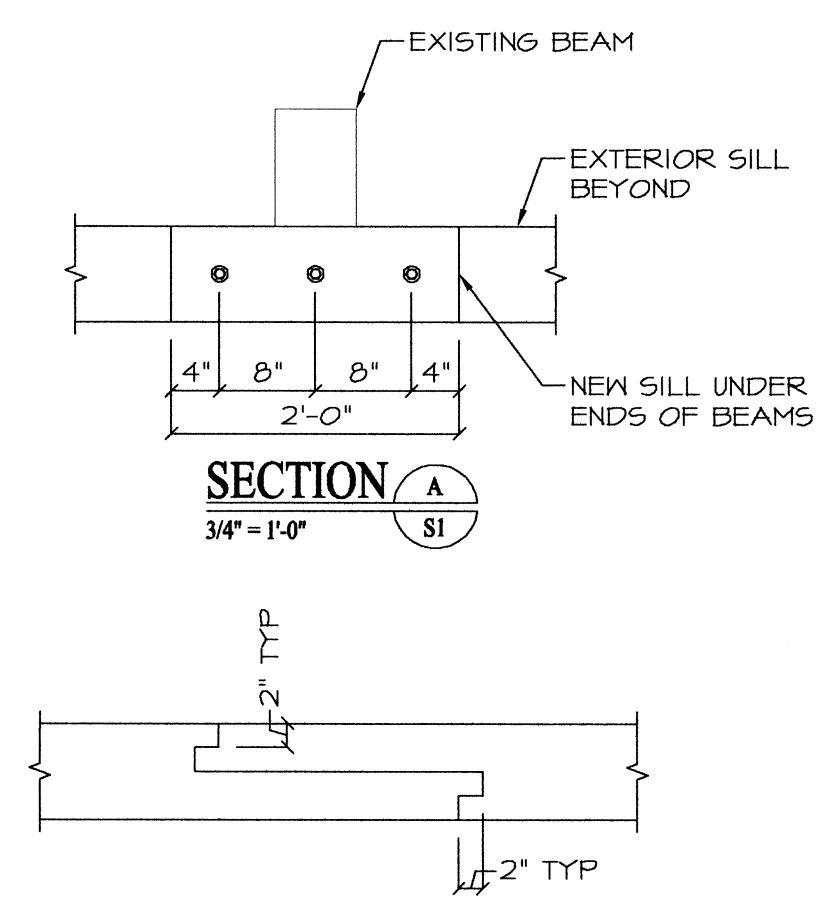
**1 Foundation Plan**  
 1/4"=1'-0"  
 0 2' 4' 8'



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



**SECTION 2**  
 3/4"=1'-0"



**Typical Sill Splice Detail**  
 3/4"=1'-0"

CHK	DESCRIPTION OF ISSUE	DATE	ISS.
	FOR CONSTRUCTION	06/29/16	1

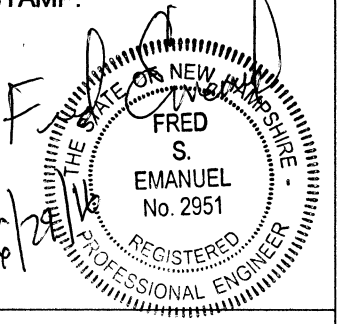
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THE STRUCTURAL PROFESSIONAL ENGINEER'S STAMP AFFIXED TO THIS DRAWING DOES NOT COVER OTHER REQUIREMENTS RELATED TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, LIFE SAFETY, ETC.

**Barn Foundation Repair - North Wall**  
**61 Newfields Road**  
 Exeter  
 NH

PREPARED FOR:  
 Exeter Conservation Committee  
 12 Gill Street  
 Exeter, NH 03833

DESIGNED BY: RHG  
 CHECKED BY: FSE  
 DRAFTED BY: RHG  
 CHECKED BY: FSE



Foundation Plan  
 Sections

JOB #: 15-155  
 SCALE: AS NOTED  
 DWG: 1 OF 1

**S1**