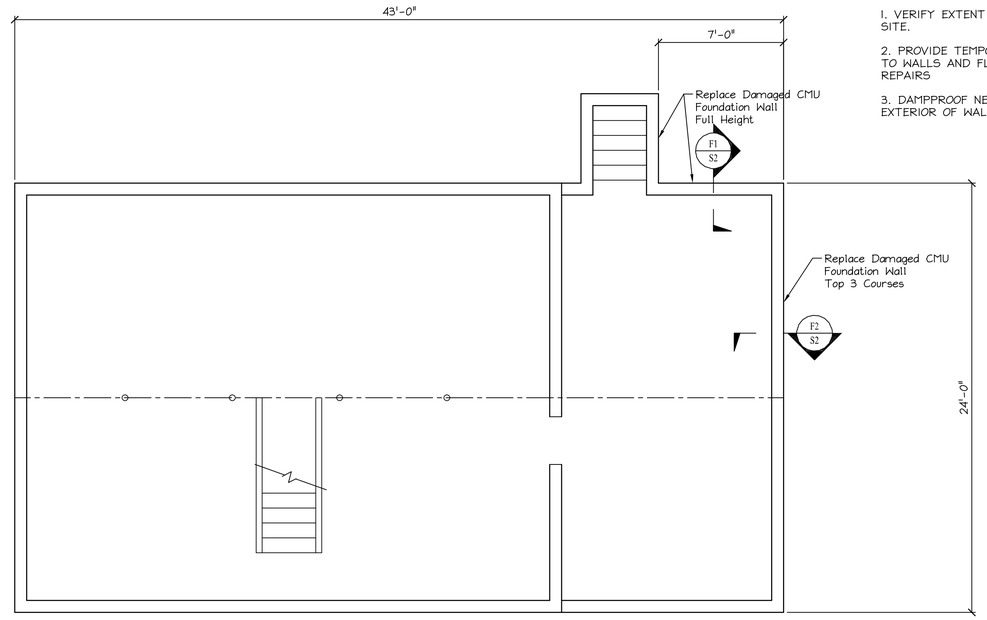


NOTE:

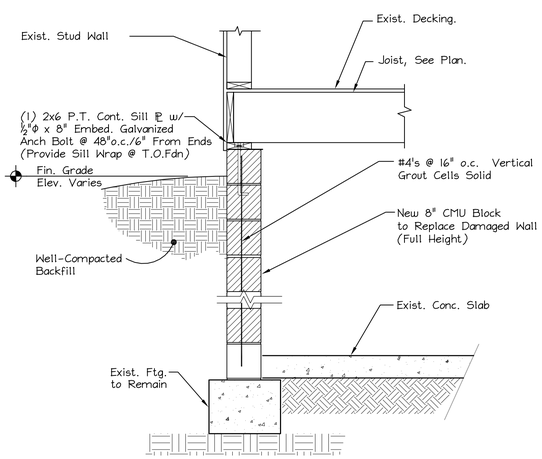
1. VERIFY EXTENT OF REPAIRS ON SITE.

2. PROVIDE TEMPORARY SUPPORT TO WALLS AND FLOOR DURING REPAIRS

3. DAMPPROOF NEW CMU BLOCK ON EXTERIOR OF WALL

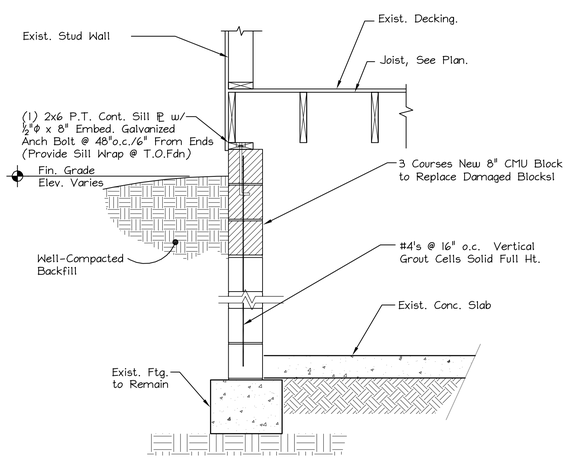
FOUNDATION PLAN

Scale: 1/4" = 1'-0"



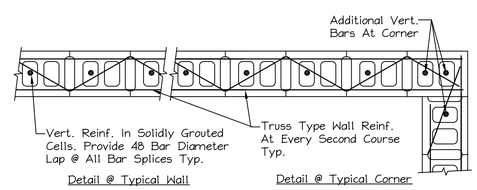
SECTION F1/S2 FULL HT 8" CMU FOUNDATION WALL REPAIR

Scale: 3/4" = 1'-0"



SECTION F2/S2 PARTIAL 8" CMU FOUNDATION WALL REPAIR

Scale: 3/4" = 1'-0"



PLAN VIEW

DETAIL – Typical Masonry Wall Reinforcement

Scale: Not To Scale

Reviewed for Code Compliance
Approved
Approved with Conditions
Date:_____

MASONRY GENERAL NOTES

1. CONCRETE MASONRY SHALL BE ASTM C90, GRADE N, TYPE I. JOINT REINFORCING SHALL BE ASTM A82. GROUT SHALL ASTM C476, TYPE I FINE GROUT. MORTAR SHALL BE ASTM C270 TYPE S. PORTLAND CEMENT SHALL BE ASTM C150 TYPE I. MORTAR SHALL NOT BE USED WHERE GROUT IS SPECIFIED.

2. ALL REINFORCING SHALL BE 40,000 PSI YIELD, NEW BILLET STEEL CONFORMING TO ASTM A-615 GRADE 40.
   SPLICE LENGTHS: #4 BAR = 2'-0"
   #5 BAR = 2'-6"
   #6 BAR = 3'-0"

3. ALL MASONRY BLOCK WALLS SHALL BE OF SINGLE WYTHE CONSTRUCTION, AND LAID IN RUNNING BOND. TOOL ALL JOINTS CONCAVE.

4. ALL MASONRY BLOCK WALLS SHALL BE COMPLETE WITH STANDARD TRUSS TYPE HORIZONTAL REINFORCING AS MANUFACTURED BY "DUR-O-WALL" OR APPROVED EQUAL. REINFORCEMENT SHALL BE PLACED AT EVERY SECOND COURSE. PREFABRICATED CORNERS AND TEES SHALL BE USED AS REQUIRED.

5. CORNER BLOCKS AND END BLOCKS SHALL BE USED TO FINISH ALL 90° CORNERS AND WALLS OPENINGS.

6. ALL STEEL SUPPORING CMU WORK SHALL HAVE ¾" DIA. SHEAR STUDS WELDED TO BEAM AT 16"O.C. AND SHALL BE ANCHORED BY FIELD WELDING TO BEARING PLATES PROPERLY EMBEDDED IN THE BOND BEAM.

7. ALL WALLS TO HAVE VERTICAL CONTROL JOINTS AT A MAXIMUM SPACING OF 25'-0". WHERE CONTROL JOINTS PASS THROUGH BOND BEAM, REINFORCING SHALL BE CONTINUOUS. RAKE JOINT IN BOND BEAM AND SEAL BOTH SIDES.

8. HORIZONTAL JOINT REINFORCEMENT:
   A. CONTINUOUS AROUND CORNERS.
   B. DISCONTINUOUS THROUGH CONTROL JOINTS.
   C. PROVIDE ADDITIONAL JOINT REINFORCEMENT IN FIRST TWO BED JOINTS ABOVE AND BELOW WALL OPENINGS EXTEND TO 24" BEYOND OR TO NEXT CONTROL JOINT.

THIS PROJECT CONSISTS OF THE REPAIRS TO AN EXISTING RESIDENCE DAMAGED BY FIRE.

ISSUED 11.08.17

STATE OF MAINE
BRUCE W. MACLEOD
No. 5422
LICENSED
PROFESSIONAL ENGINEER

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TITLE: FOUNDATION PLAN

DATE: 11/06/17	DRAWN BY: BWM	DRAWING NUMBER:
SCALE: as noted	PROJ NO: 2017-063	S-2