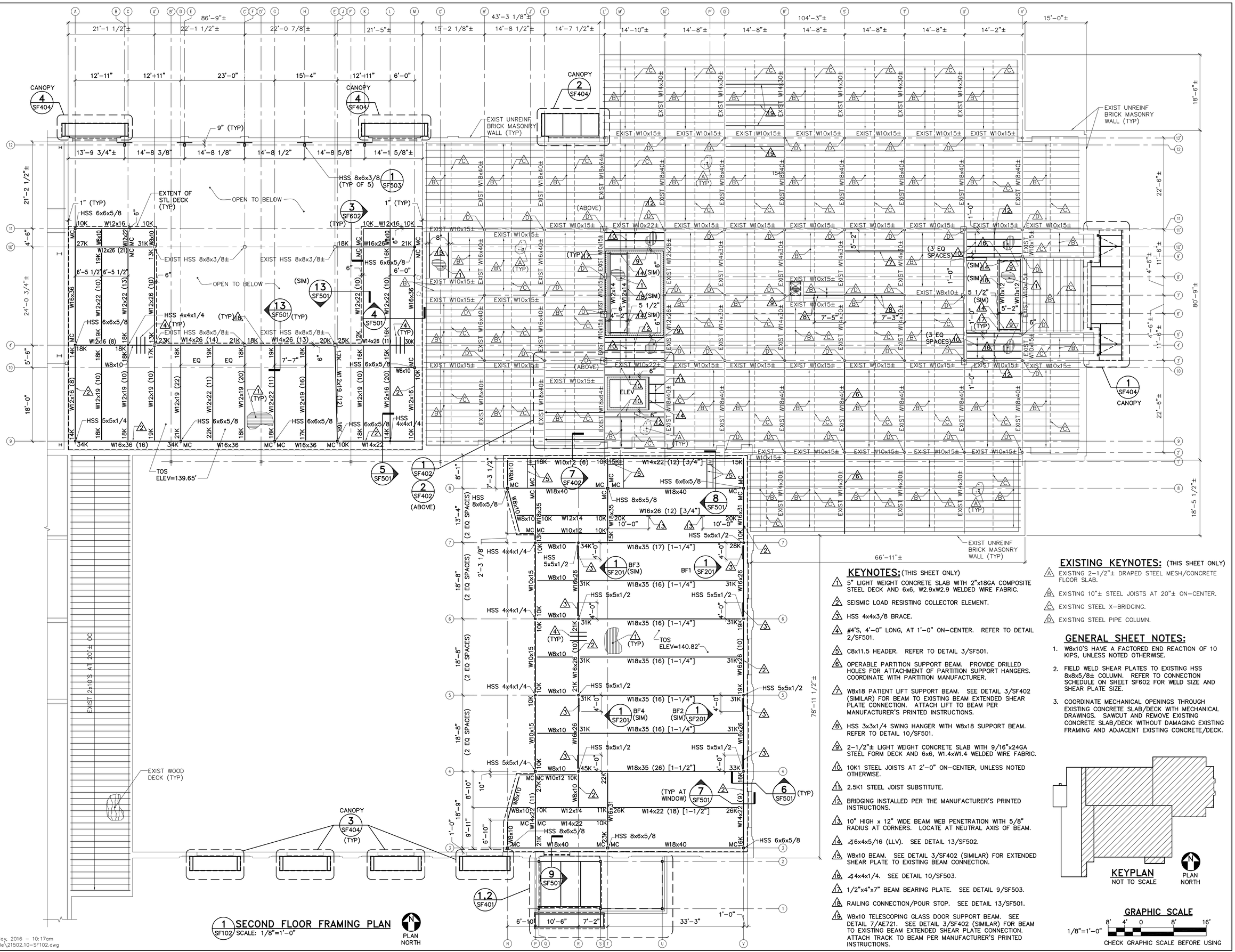

KEYNOTES: (THIS SHEET ONLY)

1. 5" LIGHT WEIGHT CONCRETE SLAB WITH 2"x18GA COMPOSITE STEEL DECK AND 6x6, W2.9xW2.9 WELDED WIRE FABRIC.
2. SEISMIC LOAD RESISTING COLLECTOR ELEMENT.
3. HSS 4x4x3/8 BRACE.
4. #4'S, 4'–0" LONG, AT 1'–0" ON–CENTER. REFER TO DETAIL 2/SF501.
5. C8x11.5 HEADER. REFER TO DETAIL 3/SF501.
6. OPERABLE PARTITION SUPPORT BEAM. PROVIDE DRILLED HOLES FOR ATTACHMENT OF PARTITION SUPPORT HANGERS. COORDINATE WITH PARTITION MANUFACTURER.
7. W8x18 PATIENT LIFT SUPPORT BEAM. SEE DETAIL 3/SF402 (SIMILAR) FOR BEAM TO EXISTING BEAM EXTENDED SHEAR PLATE CONNECTION. ATTACH LIFT TO BEAM PER MANUFACTURER'S PRINTED INSTRUCTIONS.
8. HSS 3x3x1/4 SWING HANGER WITH W8x18 SUPPORT BEAM. REFER TO DETAIL 10/SF501.
9. 2–1/2"± LIGHT WEIGHT CONCRETE SLAB WITH 9/16"x24GA STEEL FORM DECK AND 6x6, W1.4xW1.4 WELDED WIRE FABRIC.
10. 10K1 STEEL JOISTS AT 2'–0" ON–CENTER, UNLESS NOTED OTHERWISE.
11. 2.5K1 STEEL JOIST SUBSTITUTE.
12. BRIDGING INSTALLED PER THE MANUFACTURER'S PRINTED INSTRUCTIONS.
13. 10" HIGH x 12" WIDE BEAM WEB PENETRATION WITH 5/8" RADIUS AT CORNERS. LOCATE AT NEUTRAL AXIS OF BEAM.
14. ∠6x4x5/16 (LLV). SEE DETAIL 13/SF502.
15. W8x10 BEAM. SEE DETAIL 3/SF402 (SIMILAR) FOR EXTENDED SHEAR PLATE TO EXISTING BEAM CONNECTION.
16. ∠4x4x1/4. SEE DETAIL 10/SF503.
17. 1/2"x4"x7" BEAM BEARING PLATE. SEE DETAIL 9/SF503.
18. RAILING CONNECTION/POUR STOP. SEE DETAIL 13/SF501.
19. W8x10 TELESCOPING GLASS DOOR SUPPORT BEAM. SEE DETAIL 7/AE721. SEE DETAIL 3/SF402 (SIMILAR) FOR BEAM TO EXISTING BEAM EXTENDED SHEAR PLATE CONNECTION. ATTACH TRACK TO BEAM PER MANUFACTURER'S PRINTED INSTRUCTIONS.

EXISTING KEYNOTES: (THIS SHEET ONLY)

A. EXISTING 2–1/2"± DRAPED STEEL MESH/CONCRETE FLOOR SLAB.
B. EXISTING 10"± STEEL JOISTS AT 20"± ON–CENTER.
C. EXISTING STEEL X–BRIDGING.
D. EXISTING STEEL PIPE COLUMN.

GENERAL SHEET NOTES:

1. W8x10'S HAVE A FACTORED END REACTION OF 10 KIPS, UNLESS NOTED OTHERWISE.
2. FIELD WELD SHEAR PLATES TO EXISTING HSS 8x8x5/8± COLUMN. REFER TO CONNECTION SCHEDULE ON SHEET SF602 FOR WELD SIZE AND SHEAR PLATE SIZE.
3. COORDINATE MECHANICAL OPENINGS THROUGH EXISTING CONCRETE SLAB/DECK WITH MECHANICAL DRAWINGS. SAWCUT AND REMOVE EXISTING CONCRETE SLAB/DECK WITHOUT DAMAGING EXISTING FRAMING AND ADJACENT EXISTING CONCRETE/DECK.

1 SF102 SECOND FLOOR FRAMING PLAN
SCALE: 1/8"=1'–0"

PLAN NORTH

GRAPHIC SCALE
1/8"=1'–0"
8' 4' 0 8' 16'
CHECK GRAPHIC SCALE BEFORE USING

25 May, 2016 – 10:17am
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STATE OF MAINE DAVID N. MARTIN No. 9822 REGISTERED PROFESSIONAL ENGINEER ©2012

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DRAWN BY: MJC
CHECKED BY: DNM

PROJECT: 21502.10

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RENOVATIONS TO THE STEVENS AVENUE ARMORY

SECOND FLOOR FRAMING PLAN

SCALE: AS NOTED
DATE: 05-24-16

DWG. SF102

SHEET: 29 OF 169