

CONT. PLATE $\frac{1}{2} \times 3\frac{1}{2}$ TAPERED EQUALLY TOP AND BOTTOM TO $2\frac{1}{2}$ " ON INTERIOR FACE. HOLD EXT. FACE FLUSH W/EDGES OF FLANGES OF S4. PREP EXTERIOR EDGES TO ACHIEVE WELD INDICATED (TYP.)

EXISTING S4 (SEE PLAN TYP.)

TYPICAL EXIST. S4 REINFORCEMENT ***

$1\frac{1}{2}'' = 1'-0''$

SECTION 1
1 1/2" = 1'-0"

NOTE: INSTALL BENT PLATE ON OPPOSITE SIDE (INDICATED ABOVE) PRIOR TO BENT PLATE ON SIDE OF SECTION CUT

DETAIL A
1 1/2" = 1'-0"

EXIST. CONNECTION BENT PLATE

EXIST. W8

EXIST. MC12

EXIST. S4 LINTEL LAID FLAT (WEAK DIRECTION). (SEE NOTE *** ON DWG S1) (TYP.)

EXIST. BRICK WALL BEYOND (V.I.F.) (TYP.)

MC12x35 STEEL CHANNEL BEAM (SEE PLAN)

(4) $\frac{3}{8}$ " x 8" EMBEDMENT HILTI HIT-HY 70 ADHESIVE ANCHORS IN $\frac{1}{8}$ " HOLES (10 ANCHORS AT SECTION 3A/S1) (TYP.)

EXISTING S4 LINTEL LAID FLAT (WEAK DIRECTION). (SEE NOTE *** ON DWG S1) (TYP.)

MC12x35 x 4'-0" LONG PIECE OF STEEL CHANNEL AT SECTION 3A/S1 ONLY (TYP.)

EXISTING S4 LINTEL LAID FLAT (WEAK DIRECTION). (SEE NOTE *** ON DWG S1) (TYP.)

$\frac{1}{2}$ " x 6" LENGTH (SHAPE Σ) CENTERED ON VERT. PLATE BENEATH (TYP.)

$\frac{1}{2}$ " x 9" LENGTH (SHAPE Σ) CENTERED ON APEX OF TWO MC12'S (TYP.)

EXISTING MC12 (V.I.F.)

APEX OF (2) MC12 (V.I.F.)

EXISTING S4 LINTEL LAID FLAT (WEAK DIRECTION). (SEE NOTE *** ON DWG S1) (TYP.)

EXISTING BRICK WALL BEYOND (V.I.F.) (TYP.)

MC12x35 x 4'-0" LONG PIECE OF STEEL CHANNEL AT SECTION 3A/S1 ONLY (TYP.)

EXISTING BRICK WALL BEYOND (V.I.F.) (TYP.)

MC12x35 STEEL CHANNEL BEAM (SEE PLAN)

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SECTION 5
1 1/2" = 1'-0"

EXISTING MC12 (V.I.F.)

EXISTING S4 LINTEL LAID FLAT (WEAK DIRECTION). (SEE NOTE *** ON DWG S1) (TYP.)

EXISTING BRICK WALL BEYOND (V.I.F.) (TYP.)

MC12x35 x 4'-0" LONG PIECE OF STEEL CHANNEL AT SECTION 3A/S1 ONLY (TYP.)

EXISTING S4 LINTEL LAID FLAT (WEAK DIRECTION). (SEE NOTE *** ON DWG S1) (TYP.)

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EXISTING BRICK WALL BEYOND (V.I.F.) (TYP.)

MC12x35 STEEL CHANNEL BEAM (SEE PLAN)

(4) $\frac{3}{8}$ " x 8" EMBEDMENT HILTI HIT-HY 70 ADHESIVE ANCHORS IN $\frac{1}{8}$ " HOLES (10 ANCHORS AT SECTION 3A/S1) (TYP.)

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

SECTION 3A
1 1/2" = 1'-0"

EXISTING ROOF SHEATHING (V.I.F.)

EXIST. 4x8 = \varnothing WALL = \varnothing W8

EXISTING 4x8 TIMBER BEAM (V.I.F.) TO REMAIN (TYP.)

PROVIDE SOLID HARDWOOD SHIMS BENEATH EXISTING ROOF JOISTS (TYP.)

INSTALL CONT. SOLID HARDWOOD SHIMS (TYP.)

EXISTING 2"x9" ROOF JOISTS @ 24" O.C. (V.I.F.)

CONSTRUCT 2x8 @ 16" O.C. CONT. WALL W/2x8 PLATE TOP AND BOTTOM ON TOP OF W8 STEEL BEAM TO SUPPORT EXISTING 4x8 BEAM AND ROOF JOISTS. FASTEN BOTTOM PLATE TO W8 W/(2)0.177" P.A.F. @ 12" O.C. AND FASTEN TO UNDERSIDE OF BEAM/JOISTS W/16d NAILS @ 12" O.C. PROVIDE $\frac{3}{4}$ " APA RATED PLYWOOD SHEATHING BOTH SIDES W/8d NAILS @ 6" O.C. AT PANEL EDGES AND INTERMEDIATE (TYP.)

EXISTING 2"x9" ROOF JOISTS @ 24" O.C. (V.I.F.)

EXISTING 4x8 = \varnothing WALL = \varnothing W8

EXISTING 4x8 TIMBER BEAM (V.I.F.) TO REMAIN (TYP.)

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EXISTING 4x8 = \varnothing WALL = \varnothing W8

EXISTING 4x8 TIMBER BEAM (V.I.F.) TO REMAIN (TYP.)

PROVIDE SOLID HARDWOOD SHIMS BENEATH EXISTING ROOF JOISTS (TYP.)

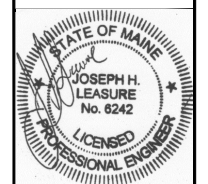
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EXISTING 2"x9" ROOF JOISTS @ 24" O.C. (V.I.F.)

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| rev. | date | description |
|------|----------|-------------------------|
| 1 | 07/08/14 | MISCELLANEOUS REVISIONS |

BUILDING LOCATED AT
602 CONGRESS STREET
PORTLAND, MAINE
CLOCK TOWER SUPPORT
SECTIONS AND DETAILS

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