

**Charles
Washington
Hall**
RENOVATIONS
Corner of George &
Washington Streets
Charles Town, W.Va.

For the
City of Charles Town
City of Ranson

Planning & Engineering (prime)
Hall Planning & Engineering, Inc

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Planning & Architecture

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Mech/Elect Engineer

Comfort Designs
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Architect

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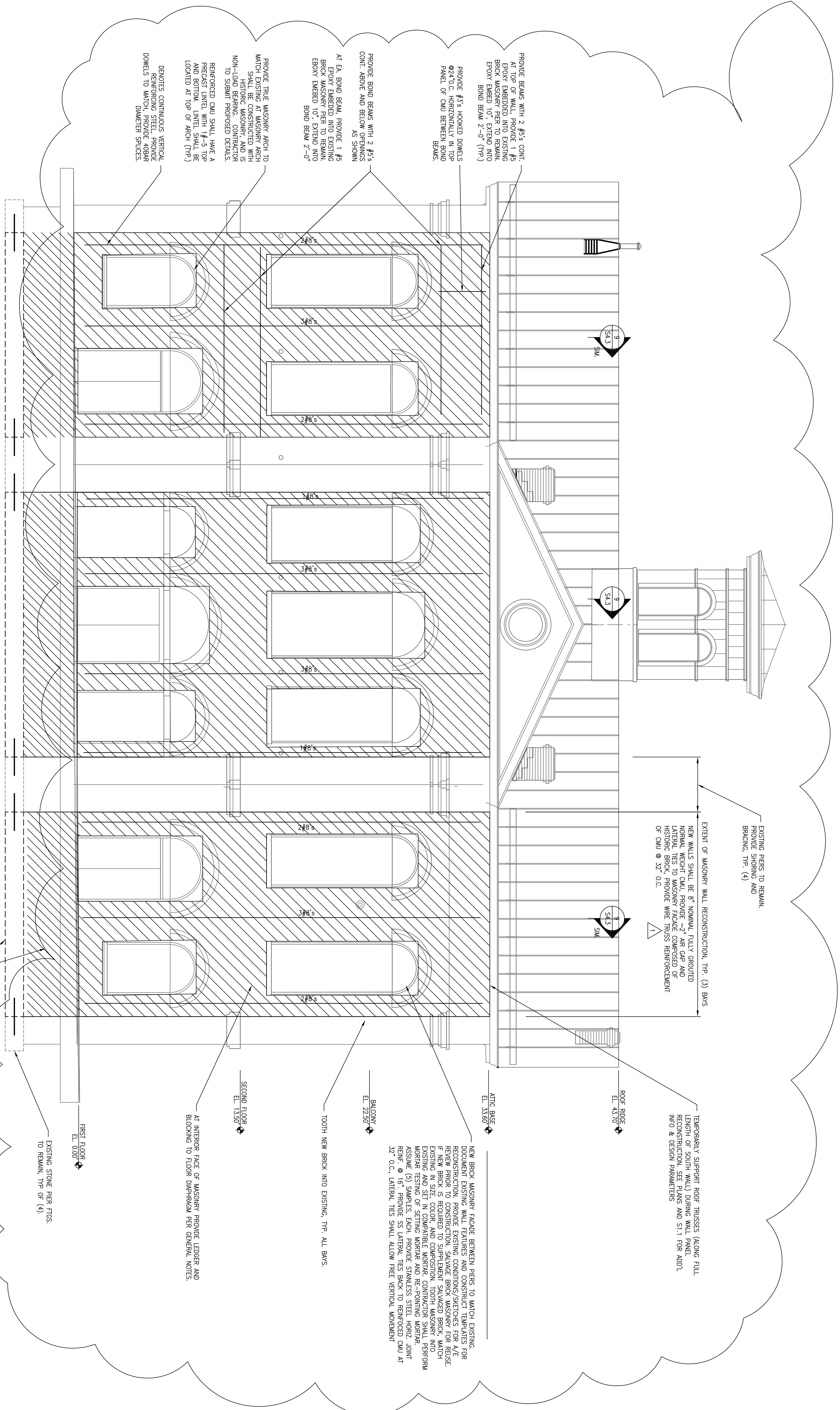
Issue/Revision Seal
▲ Bid Phase Revisions (03/04/2015)

Drawing Title

SOUTH ELEVATION

09/26/2014 Project Number
Scale Drawing Number

S3.1



NOTE: HORIZONTAL REINFORCING IS SHOWN AT THIS PANEL ONLY, BUT IS TYPICAL OF ALL THREE RE-BUILT PANELS

1 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

BASE BID, GEOTECHNICAL ENGINEER SHALL CONFIRM EXISTING SOIL BEARING CAPACITY OF 2000 PSF AT LOCATION OF EXISTING 3'-4" WIDE STONE FOOTINGS. CONTRACTOR TO V.I.F. ACTUAL WIDTH OF FOOTINGS AND REPORT TO ENGINEER OF RECORD. REPORT EXISTING STONE FOOTINGS AND FOUNDATION WALL, FULL HEIGHT BEHIND LOCATIONS OF RECONSTRUCTED FOUNDATION WALL PANELS ABOVE, TYP. (3) LOCATIONS. COMBINE REVISIONS WITH ARCHITECT.

ALTERNATE 2: PROVIDE NEW 4'-0" x 1'-6" DEEP CONCRETE WALL FOOTINGS BETWEEN PIER FOUNDATIONS AS SHOWN ABOVE. PROVIDE (4) #4 BARS @ 12" O.C. EA. WAY. MIN. OF (4) DOWEL NEW WALL FOOTINGS INTO EXISTING FOOTINGS W/ (2) #5x3'-0" SET IN HILT HV-150 (MAX). PROVIDE 18" MIN. EMBED. PROVIDE NEW CMU BLOCK FOUNDATION WALL ABOVE LOCATION OF NEWLY CONSTRUCTED CONCRETE FOOTING. TYP. OF (3) LOCATIONS.

EXISTING PIERS TO REMAIN. PROVIDE SHORING AND BRACING. TYP. (4)

EXTENT OF MASONRY WALL RECONSTRUCTION. TYP. (3) BAYS

NEW WALLS SHALL BE 8" NOMINAL FULLY GROUTED NORMAL WEIGHT CMU. PROVIDE ~2" AIR GAP AND LATERAL TIES TO MASONRY FACADE COMPOSED OF HISTORIC BRICK. PROVIDE WIRE TRUSS REINFORCEMENT OF CMU @ 32" O.C.

TEMPORARILY SUPPORT ROOF TRUSSES ALONG FULL LENGTH OF SOUTH WALL DURING ALL PHASE RECONSTRUCTION. SEE PLANS AND S1.1 FOR ADDL INFO & DESIGN PARAMETERS

NEW BRICK MASONRY FACADE BETWEEN PIERS TO MATCH EXISTING. DOCUMENT EXISTING WALL FEATURES AND CONSTRUCT TEMPLATES FOR RECONSTRUCTION. PROVIDE EXISTING CONDITIONS/SKETCHES FOR A/E REVIEW PRIOR TO CONSTRUCTION. SALVAGE BRICK MASONRY FOR REUSE IN NEW PIER TO CONSTRUCTION. PROVIDE EXISTING MASONRY WITH ORIGINAL EXISTING IN SIZE, COLOR, AND COMPOSITION. TOOTH MASONRY INTO EXISTING AND SET IN COMPATIBLE MORTAR. CONTRACTOR SHALL PERFORM MORTAR TESTING OF SETTING MORTAR AND RE-POINTING MORTAR. ASSUME (5) SAMPLES. EACH PROVIDE STAINLESS STEEL HORIZ. JOINT REIN. @ 16". PROVIDE SS LATERAL TIES BACK TO REINFORCED CMU AT 32" O.C.. LATERAL TIES SHALL ALLOW FREE VERTICAL MOVEMENT

TOOTH NEW BRICK INTO EXISTING. TYP. ALL BAYS.

AT INTERIOR FACE OF MASONRY PROVIDE LEDGER AND BLOCKING TO FLOOR DIAPHRAGM PER GENERAL NOTES.

EXISTING STONE PIER FTGS. TO REMAIN. TYP OF (4).

PROVIDE BEAMS WITH 2 #5'S CONT. AT EA. BOND BEAM. PROVIDE 1 #5 EPOXY EMBEDDED INTO EXISTING BRICK MASONRY PER TO REMAIN. EPOXY EMBED 10". EXTEND INTO BOND BEAM 2'-0" (TYP.)

PROVIDE #3'S HOOKED DOWELS @24" O.C. HORIZONTALLY IN TOP PANEL OF CMU BETWEEN BOND BEAMS.

PROVIDE BOND BEAMS WITH 2 #5'S CONT. ABOVE AND BELOW OPENINGS AS SHOWN

AT EA. BOND BEAM. PROVIDE 1 #5 EPOXY EMBEDDED INTO EXISTING BRICK MASONRY PER TO REMAIN. EPOXY EMBED 10". EXTEND INTO BOND BEAM 2'-0"

PROVIDE TRUE MASONRY ARCH TO MATCH EXISTING AT MASONRY ARCH SHALL BE CONSTRUCTED WITH HISTORIC MASONRY, AND IS NON-LOAD BEARING. CONTRACTOR TO SUBMIT PROPOSED DETAILS.

REINFORCED CMU SHALL HAVE A PRECAST LINTEL WITH 1#-5 TOP AND BOTTOM. LINTEL SHALL BE LOCATED AT TOP OF ARCH (TYP.)

DENOTES CONTINUOUS VERTICAL REINFORCING STEEL. PROVIDE STEEL REINFORCING WITH 1/2" DIA. WELDER SPICES.