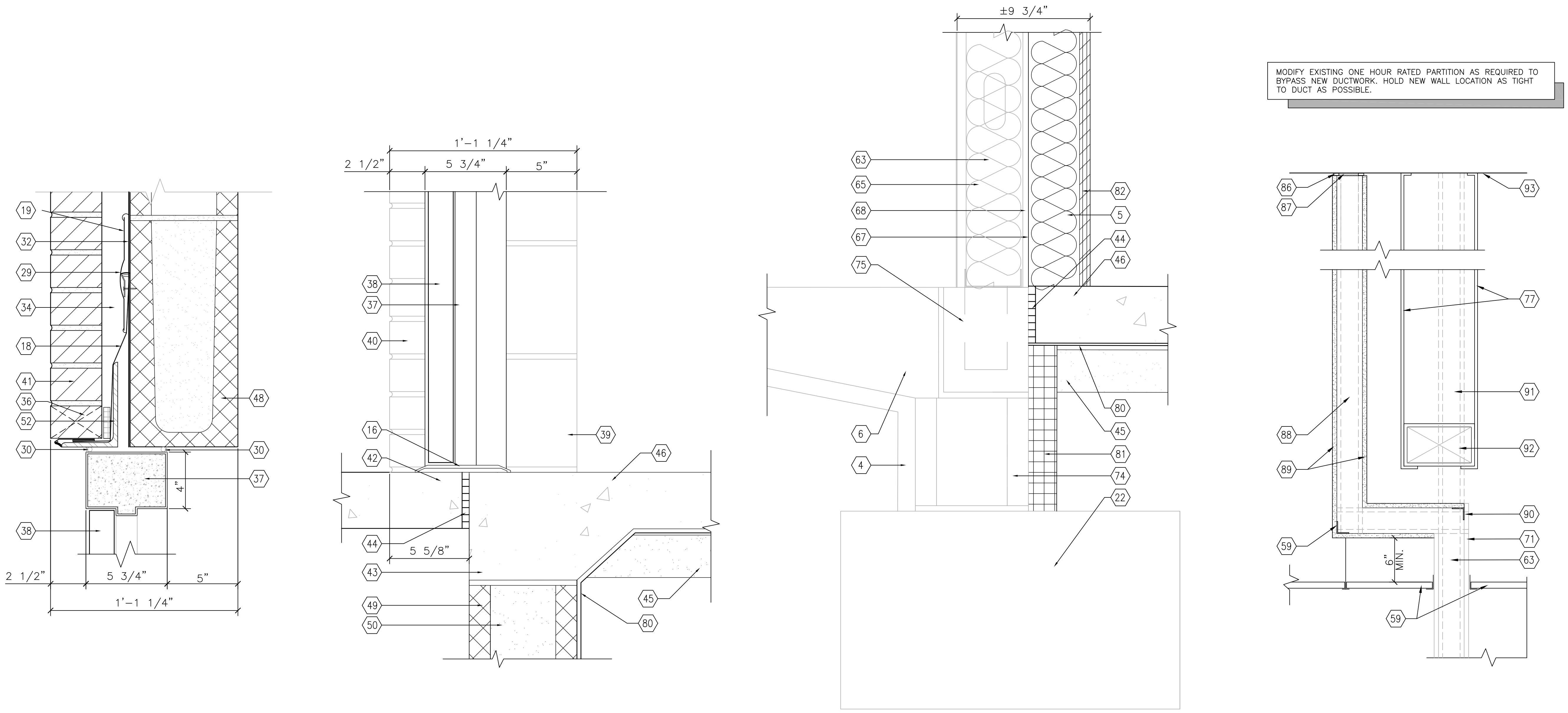
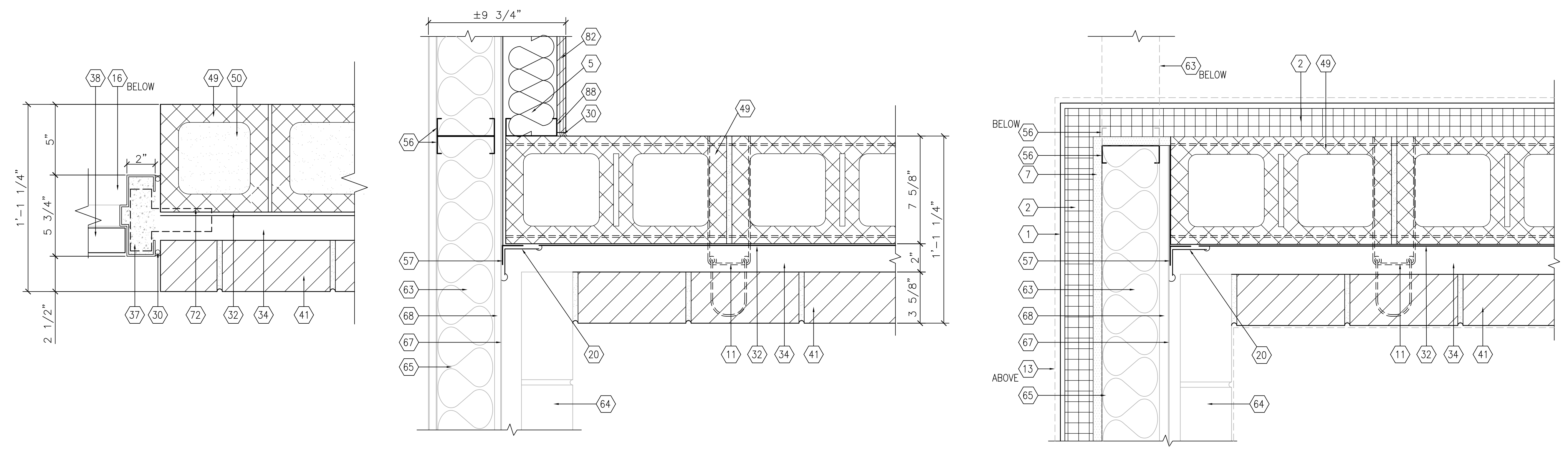


A
B
C
D
E
F

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



1 HEAD DETAIL AS001 AS402 SCALE: 3" = 1'-0" BUILDING: #511
2 SILL DETAIL AS001 AS402 SCALE: 3" = 1'-0" BUILDING: #511
3 FOUNDATION DETAIL AS301 AS402 SCALE: 3" = 1'-0" BUILDING: #511
4 FIRE SUPPRESSION DETAIL AS101 AS402 SCALE: 1 1/2" = 1'-0" BUILDING: #511



5 JAMB DETAIL AS001 AS402 SCALE: 3" = 1'-0" BUILDING: #511
6 PLAN DETAIL (LOW) AS101 AS402 SCALE: 3" = 1'-0" BUILDING: #511
7 PARAPET PLAN DETAIL (HIGH) AS103 AS402 SCALE: 3" = 1'-0" BUILDING: #511

NEW WORK DETAIL NOTES

REFERS TO SHEETS AS401, AS402, AND AS403 (NOT ALL NOTES USED ON EACH SHEET)

- FULLY ADHERED SINGLE PLY 60 MIL. REINFORCED TPO ROOF MEMBRANE, LAP UP AND OVER PARAPET AS INDICATED DOWN ON BACK.
- 2" NOMINAL RIGID INSULATION, R-14 MINIMUM
- 1 1/2" NOMINAL RIGID INSULATION, R-10 MINIMUM
- EXISTING RIGID INSULATION TO REMAIN
- BATT INSULATION, R-13 MINIMUM @ 4" STUDS, R-19 MINIMUM @ 6" STUDS W/ FSK VAPOR BARRIER TO INTERIOR SIDE
- EXISTING CONCRETE SLAB TO REMAIN
- 5/8" DENSDECK SHEATHING
- 3/4" P.T. PLYWOOD SHEATHING
- 5/8" TONGUE AND GROOVE P.T. PLYWOOD SHEATHING
- METAL STUD TRACK, GAUGE AND SIZE TO MATCH EXISTING EXACTLY. INSTALL NEW SUPPORTING METAL STUDS IF REQUIRED TO CREATE NEW SCUPPER OPENING. CAREFULLY REMOVE GWB AND INSULATION ONLY AS NECESSARY TO INSTALL NECESSARY METAL STUDS AND PATCH EXISTING STUD GAUGE AND SIZE EXACTLY AND EXTEND FROM BOTTOM TRACK TO TOP TRACK OF PARAPET OR ROOF TRANSITION.
- GALVANIZED TWO PIECE ADJUSTABLE LADDER TYPE MASONRY WALL TIES @ 24" O.C. MAX
- ALUMINUM SCUPPER AND DOWNSPOUT. G.C. SHALL MOCK UP SAMPLE CONDUCTOR HEAD THRU WALL SCUPPER IN FIELD FOR REVIEW AND APPROVAL BY VA AND ARCHITECT PRIOR TO FABRICATING ALL UNITS. COLOR SHALL MATCH EXISTING CANOPY.
- 0.060 PREFINISHED ALUMINUM BREAK METAL COPING, COLOR TO MATCH NEW SCUPPER AND DOWNSPOUT
- ALUMINUM CLEAT
- 6" WIDE 0.050 ALUMINUM SPLICE SEAM PIECE, COLOR TO MATCH NEW SCUPPER AND DOWNSPOUT
- ADA ALUMINUM THRESHOLD, SET IN FULL BED OF SEALANT
- NEW ROOF TOP UNIT, SEE SHEET AS103
- STAINLESS STEEL THRU-WALL FLASHING WITH INTERGRAL FOAM SEAL AND ADHESIVE TOP (TOTAL FLASH BY MORTAR NET OR ARCHITECT APPROVED EQUAL)
- SELF ADHERING RUBBERIZED MEMBRANE FLASHING
- SELF ADHERING RUBBERIZED MEMBRANE FLASHING, LAP OVER BUILDING WRAP MIN 4" OVER EXISTING BUILDING WRAP OR NEW BITUMINOUS WATERPROOFING
- STAINLESS STEEL BOOT FLASHING
- EXISTING FOUNDATION
- STAINLESS STEEL OR ALUMINUM BASE FLASHING
- STAINLESS STEEL OR ALUMINUM CLAMPING RING
- STAINLESS STEEL OR ALUMINUM FLASHING
- NEW 0.060 PRE-FINISHED ALUMINUM WRAP WITH 2" LEGS OVER ROOF MEMBRANE
- BUTT SEAM TOGETHER PER MANUFACTURER RECOMMENDED DETAILS
- CONTINUOUS MEMBRANE SEALANT
- TERMINATION BAR WITH CONTINUOUS SEALANT
- CONTINUOUS BACKER ROD AND SEALANT
- CONTINUOUS LAP SEAM SEALANT, ALL SIDES
- BITUMINOUS WATERPROOFING
- PROVIDE NEW F.R.T. OR P.T. WOOD BLOCKING AS REQUIRED
- 2" AIR SPACE
- MORTAR NET CAVITY PROTECTION (PART OF TOTAL FLASH SYSTEM)
- FULL MORTAR JOINT WEEP HOLES @ 24" O.C. MAX, SEE SPECIFICATIONS
- GALVANIZED METAL DOOR FRAME - GROUT SOLID
- INSULATED GALVANIZED HOLLOW METAL DOOR W/ LOUVERS, SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION
- CMU BEYOND
- BRICK VENEER BEYOND
- MODULAR BRICK VENEER AND MORTAR TO MATCH EXISTING EXACTLY
- CONCRETE PAD, SEE CIVIL DRAWINGS
- CONCRETE SLAB, TURNED DOWN ONTO FOUNDATION WALL, SEE STRUCTURAL DRAWINGS
- 1/2" BOND BREAKER, SEE STRUCTURAL DRAWINGS
- 4" POROUS FILL, SEE STRUCTURAL DRAWINGS
- 4" CONCRETE SLAB, SEE STRUCTURAL DRAWINGS
- CONCRETE FOOTING, SEE STRUCTURAL DRAWINGS
- CMU BOND BEAM, SEE STRUCTURAL DRAWINGS
- 8" CMU, SEE STRUCTURAL DRAWINGS
- GROUT CMU SOLID, SEE STRUCTURAL DRAWINGS
- STEEL PLATE, SEE STRUCTURAL DRAWINGS
- STEEL ANGLE, SEE STRUCTURAL DRAWINGS
- 2 1/2" 20 GAUGE METAL STUDS @ 16" O.C. MAX. INSTALL USING MANUFACTURER'S STANDARD CLIP ANGLE.
- STEEL BEAM, SEE STRUCTURAL DRAWINGS
- 1 1/2" METAL ROOF DECK, SEE STRUCTURAL DRAWINGS
- INSTALL NEW METAL STUDS @ 16" O.C. MAX OR AS REQUIRED TO ACHIEVE LAYOUT WHERE EXISTING BUILDING ROOF TRANSITIONS TO ROOF OF ADDITION. CAREFULLY REMOVE GWB AND INSULATION ONLY AS NECESSARY TO INSTALL NECESSARY METAL STUDS AND PATCH TO MAKE LIKE NEW. METAL STUDS SHALL MATCH EXISTING STUD GAUGE AND SIZE EXACTLY AND EXTEND FROM BOTTOM TRACK TO TOP TRACK OF PARAPET OR ROOF TRANSITION.
- INSTALL NEW 3"x3" STAINLESS STEEL BREAK METAL ANGLE OVER EXISTING BUILDING WRAP
- REINSTALL SALVAGED METAL ROOF ACCESS HATCH
- NEW CEILING TILES AND GRID
- EXISTING 1 1/2" MTL. ROOF DECK, SEE STRUCTURAL DRAWINGS
- LOCATION OF REMOVED STUDS, SEE NOTES THIS SHEET
- NEW VENT PIPE OR EXISTING VENT PIPE TO REMAIN, SEE PLUMBING AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
- EXISTING MTL. STUDS TO REMAIN
- EXISTING BRICK VENEER TO REMAIN
- EXISTING BATT INSULATION TO REMAIN
- EXISTING MASONRY ANCHORS TO REMAIN
- EXISTING BUILDING WRAP TO REMAIN
- EXISTING 1/2" EXTERIOR SHEATHING TO REMAIN
- EXISTING STEEL JOIST TO REMAIN
- EXISTING STEEL SUPPORT TO REMAIN
- EXISTING GWB TO REMAIN
- DOOR FRAME ANCHORS, GROUT SOLID IN MASONRY
- NEW 4" CMU, SEE STRUCTURAL DRAWINGS
- EXISTING 8" CMU TO REMAIN
- EXISTING 6" CMU TO REMAIN
- NEW GALVANIZED STEEL GUARDRAIL, 1 1/2" DIAMETER MOUNTED TO STRUCTURE, SEE STRUCTURAL DRAWINGS
- DUCT STRAPS AND HANGERS
- ALUMINUM OR STAINLESS STEEL PREFABRICATED SHEET METAL INSULATED ROOF CURB
- HEMMED SCUPPER EDGE PER FIGURE 1-26 SCUPPER DESIGN AND INSTALLATION DETAILS
- 15 MIL. STEGGO VAPOR BARRIER WITH TAPED SEAMS.
- FILL ENTIRE STUD CAVITY WITH BATT INSULATION.
- 3/4" AC (F.R.T.) PLYWOOD PAINTED WHITE OVER METAL STUDS
- 1/2" DIA. MASONRY ANCHORS WITH A MINIMUM EMBEDMENT OF 3" INTO CMU @ 18" O.C. AND AT EACH END OF NEW SCUPPER.
- NEW 1/2" ISOGARD HD COVER BOARD
- NEW VAPOR BARRIER BENEATH INSULATION ADHERED TO METAL DECK
- NEW FIRE CAULK
- NEW FIRE CAULK. FILL DECK FLUTES
- NEW METAL STUDS TO MATCH EXISTING EXACTLY @ 16" O.C. MAX AS REQUIRED TO ACHIEVE ONE HOUR RATED WALL
- NEW 5/8" GWB TYPE "X", CUT TO FIT DECK FLUTES
- NEW LIGHT GAUGE ANGLE FOR ATTACHMENT OF GWB
- REMOVE METAL STUDS ABOVE CEILING AS REQUIRED TO ACCOMMODATE NEW DUCTWORK AND TO ACHIEVE FIRE BARRIER
- NEW DUCTWORK, SEE MECHANICAL DRAWINGS
- LINE OF METAL DECK ABOVE
- NEW PIPE SLEEVE WITH 1 1/2" STD. GUARDRAIL POST TO EXTEND THROUGH ROOF AND ATTACH TO EXISTING STEEL JOIST, EXISTING OR NEW STEEL BEAM, SEE STRUCTURAL DRAWINGS
- NEW STEEL ANGLE TO ATTACH PIPE SLEEVE TO EXISTING STEEL JOIST, SEE STRUCTURAL DRAWINGS
- NEW STEEL ANGLE WELDED TO EXISTING OR NEW STEEL BEAM AND PIPE SLEEVE, SEE STRUCTURAL DRAWINGS
- STAINLESS STEEL CLAMPING RING W/ CONTINUOUS SEALANT OVER STAINLESS STEEL BOOT FLASHING WHERE PIPE SLEEVE EXTENDS THROUGH ROOF

NEW WORK DETAILS LEGEND

- (X) NEW WORK TAG, SEE NOTES THIS SHEET
- EXISTING ITEM TO REMAIN
- NEW ITEM

Revision # Revisions Date	CONSULTANTS: VHB Transportation Land Development Environmental Services Two Columbus Center 4500 Main Street, Suite 400 Virginia Beach, Virginia 23462 757.490.0132 • FAX 757.490.0136 Vanasse Hangen Brustlin, Inc.	MECHANICAL ELECTRICAL ENGINEERS Pace 2145 WILSON AVENUE SUITE 103 VIRGINIA BEACH VA 23464 PHONE (757) 427-1020 FAX (757) 427-3919 WWW.PACE-VA.COM SPEIGHT, MARSHALL & FRANÇOIS, P.C. STRUCTURAL ENGINEERS 2145 WILSON AVENUE SUITE 103 VIRGINIA BEACH VA 23464 PHONE (757) 427-1020 FAX (757) 427-3919 WWW.SMF-VA.COM COMMONWEALTH OF VIRGINIA Paul C. Garrison No. 010195 03-30-2012 ARCHITECT	ARCHITECT: INNOVATE Architecture • Interiors 441 WASHINGTON STREET PORTSMOUTH, VA 23704 (P) 757.393.9900 (F) 757.393.9907	Drawing Title NEW WORK DETAILS, NEW WORK DETAILS LEGEND AND NEW WORK DETAILS NOTES Approved Project Director	Project Title ROOF RENOVATION AND MECHANICAL ADDITION FOR THE RICHMOND YELLOW CLINIC Location VAMC, RICHMOND, VIRGINIA Date 03 - 30 - 12 Checked PG Drawn TS	Project Number 652-12-109 Building Number 511 Drawing Number AS402 Dwg. 20 of 48	Office of Construction and Facilities Management Department of Veterans Affairs
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