PROPOSED ROOFING SYSTEM COMPONENTS:
WHITE GRANULE SURFACED MODIFIED BITUMEN COLD-APPLIED - TREMCO, SOPREMA OR APPROVED EQUAL

1. PLACE DECK OR VAPOR RETARDER WITH TREMPRIME WB AT A RATE OF 320 SQ FT PER SQ.
2. ADHERE ONE PLY OF BURMAVIC Composite PLY Felt AS A VAPOR RETARDER SET IN BURMAVIC ADHESIVE AT A RATE OF [2] GALLONS PER SQUARE.
4. REFER TO TAPERED DRAINING BY BRADCO TAPERED.
5. PERM INSTALL ONE (1) PLY OF BURMAVIC Composite PLY SET SHRINKAGE FASHION IN BURMAVIC ADHESIVE AT A RATE OF [2] GALLONS PER SQUARE.
6. PERM ADHERE POWERPLY PREMIUM FR T424, WHITE FACTORY COATED GRANULE SURFACED MB MEMBRANE SET IN WHITE ON WHITE ADHESIVE AT A RATE OF [2] GALLONS PER SQUARE TO ALL VERTICAL AND HORIZONTAL FLASHINGS, INSTALL TERMINATION BARS TO ALL FLASHINGS.
7. INSTALL NEW .040" ALUMINUM AT ALL PENETRATIONS, AND UNIT COUNTER FLASHINGS AS PER ATTACHED SPEC AND DETAILS.
8. ADHERE ONE PLY OF FIELD SHEET [BURMAVIC COMPOSITE][.125""] AS BACKER OR BASE LAYER AGAINST WALLS USING ELG ASPHALT ROOF GEMET. ADHERE POWERPLY PREMIUM HT FR T424 WHITE FACTORY COATED GRANULE SURFACED MB MEMBRANE SET IN WHITE ON WHITE ADHESIVE AT A RATE OF [2] GALLONS PER SQUARE TO ALL VERTICAL AND HORIZONTAL FLASHINGS, INSTALL TERMINATION BARS TO ALL FLASHINGS.
9. CUT REGLET JOINT INTO BRICK WALLS (.1") ABOVE THE FINISHED ROOF SURFACE AND INSTALL NEW .040" ALUMINUM ALUMINUM AT ALL ROOF DRAINS AS PER TREMCO/MACNA APPROVED DETAILS. THE INTENT IS TO CLEAN OUT EXISTING REGLET IF POSSIBLE. NEW REGLET SHALL BE CUT IF REQUIRED BY TAPERED INSULATION HEIGHTS.
10. PROVIDE ALL MANUFACTURERS' DETAILS TO PROVIDE 20 YEAR WARRANTY.
TAPERED INSULATION QUOTATION

Project: Wesleyan University - 156 High Street / Wes Wing Building
Location: Middletown, CT

Tapered System Detail:
- Tapered Area: 40.85 SQS
- Slope per ft.: 1/8"
- Min Thickness: 2.50"
- Max Thickness: 7.00"

Cricket System Detail:
- Cricket Area: #N/A
- Slope per ft.: #N/A
- Min Thickness: #N/A
- Max Thickness: #N/A

Tapered System Summary:
- Material: AC-II
- Comp strength: 20 psi
- Squares Applied: 99.88 SQS
- Min LTTR-value: 14.25
- Avg LTTR-value: 25.11
- R-value per Inch: 5.7
- Total truckloads: 0.58
- Total units (4x4): 27.73

Expiration: 6/30/2018

Notes:

2.0" Base included in price for an average R25.
Material for drain surmps is not included.

Quote is based on interpretation of plans and specifications received.
Partial truckload quantities may be subject to additional fees and/or freight charges. Fuel surcharge is not included in quotation.
All quoted material is 4'x4' unless noted otherwise.

QUOTED TO: ESTIMATOR: Bet: Gurjanus EMAIL: rgurjanus@atlasroofing.com
JOINT COVER: 4"-0" WIDE SET IN SPECIFIED MASTIC AND SECURED USING TWO FASTENERS THROUGH THE GAP IN THE FASCIA FLANGE

FASTENERS: 3" O.C., STAGGERED 2 ROWS

FELT ENVELOPE

TWO-Ply STRIPPING

METAL SET IN SPECIFIED MASTIC - PRIME FLANGE BEFORE STRIPPING

MULTIPLY MODIFIED BITUMEN ROOFING

ROOF CEMENT

SPECIFIED INSULATION

VAPOR RETARDER

ROOF DECK

ATTACH WOOD NAILER TO WALL

CONTINUOUS CLEAT FASTENED 16" O.C.

COMPRESSION BUTYL GASKET TAPE TO SPAN IRREGULARITIES

ELASTOMERIC SEALANT

COUNTERFLASHING INSTALLED INTO RESLET AND SECURED WITH LEAD WEDGES, 8 IN. O.C.

TERMINATION BAR FASTENED 6 INCHES O.C.

SPECIFIED BASE FLASHING

TWO-Ply STRIPPING

NAIL WOOD CANT TO BLOCKING, 2 ROWS STAGGERED EACH ROW 12" O.C.

MULTIPLY MODIFIED BITUMEN ROOFING

WOOD NAILER SECURED TO DECK w/ FASTENERS 2 ROWS STAGGERED EACH ROW 24" O.C.

SPECIFIED INSULATION

VAPOR RETARDER

ROOF DECK

NOTES
1. ALL METAL SURFACES SHALL BE PRIMED BEFORE CONTACT WITH ANY ADHESIVE OR ROOF CEMENT.
1. Prime all metal surfaces that will come into contact with adhesives.
SOFT METAL FLASHINGS
1. SHEET LEAD MINIMUM 4 L.B. (0.048 m²) PER SQ.FT.
2. SHEET COPPER MINIMUM 18 OZ. IF COPPER FLASHING IS INSTALLED OVER AN IRON OR STEEL PIPE, WRAP AN ASPHALT COATED ROOFING FELT TO PREVENT DIRECT CONTACT BETWEEN TWO DISSIMILAR METALS.

FOR PLUMBING VENTS WITH DIAMETERS LESS THAN 2" USE SOFT METAL CAPS.

ROLLED SOFT METAL FLASHING 1" DOWN INTO PIPE

OPTIONAL SOLDER STAINLESS STEEL SCREEN

PLUMBING VENT STACK

TWO TARGET PLIES ADHERED IN SPECIFIED ADHESIVE

PLUMBING VENT STACK + EXTENSION

Mastic Seal

4" MIN. FLANGE

SET FLANGE IN ROOF CEMENT

MULTIPLY MODIFIED BITUMEN ROOFING

SPECIFIED INSULATION

VAPOR RETARDER

ROOF DECK

GARRETED FASTENERS MINIMUM THREE FASTENERS PER SIDE

FASTENERS 8" O.C.

SHEET METAL COUNTERFLASHING

SPECIFIED BASE FLASHING

TWO-PLY STRIPPING

MULTIPLY MODIFIED BITUMEN ROOFING

INSULATION

ROOF DECK

NAIL WOOD CANT TO BLOCKING 2 ROWS STAGED EACH ROW 12" O.C.

WOOD NAILER SECURED TO DECK W/ FASTENERS, 2 ROWS STAGED EACH ROW 24" O.C.
Curb for Air Handling Unit

Detail #25

Tremco Roofing & Building Maintenance

Daily Waterstop / Tie In

Detail #50

Tremco Roofing & Building Maintenance

Notes:

1. Before next days work, remove temporary tie-in and insulation filler boards.

Existing Roofing

Extend New Roofing 12" onto Prepared Area

Seal Edge with Reinforcing Mesh and Roofing Cement

New Roofing

Vapor Retarder

Insulation Filler Board

12" and 18" Ply Sheets Adhered in Specified Adhesive

Remove Embedded Gravel, Desbris Minimum 18"

Roof Deck