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

LEGEND

1. PRIME DECK OR VAPOR RETARDER WITH TREMCO WB AT A RATE OF [32] GALLONS PER SQUARE.
2. ADHERE ONE PLY OF BREMASTIC COMPOSITE PLY FELT AS A VAPOR RETARDER SET IN BREMASTIC ADHESIVE AT A RATE OF [2] GALLONS PER SQUARE.
4. ADHERE (1) 1/2" DENSMED DENRITE BOARD INSULATION, SET IN BREMASTIC INSULATION ADHESIVE AT RATE OF [2] GALLONS PER SQUARE, INCREASED AS PER COMMERCIAL STANDARDS AT PERIMETER AND CORNERS.
5. INSTALL ONE (1) PLY OF BREMASTIC COMPOSITE PLY SET SHINGLE FASHION IN BREMASTIC ADHESIVE AT RATE OF [2] GALLONS PER SQUARE.
6. ADHERE POWERPLY PREMIUM FR T40, WHITE FACTORY COATED GRANULE SURFACED NB MEMBRANE SET IN WHITE ON WHITE ADHESIVE AT A RATE OF [2] GALLONS PER SQUARE.
7. INSTALL NEW (4) X 12" FINISH ALUMINUM AT ALL PENETRATIONS, AND UNIT COUNTER FLASHINGS AS PER ATTACHED SPEC AND DETAILS.
8. ADHERE (1) PLY OF FIELD SHEET (BREMASTIC COMPOSITELY) AS BACKER OR BASE LAYER AGAINST WALL LIS (NON-ALPARGARD T40 COATING), ADHERE POWERPLY PREMIUM FR T40 WHITE FACTORY COATED GRANULE SURFACED NB MEMBRANE SET IN WHITE ON WHITE ADHESIVE AT A RATE OF [2] GALLONS PER SQUARE TO ALL VERTICAL AND HORIZONTAL FLASHINGS, INSTALL TERMINATION BAR TO ALL FLASHINGS.
10. PROVIDE ALL MANUFACTURER'S DETAILS TO PROVIDE 20 YEAR WARRANTY.
TAPERED INSULATION QUOTATION

Phone: (800)-933-1476  •  Fax: (770)-555-8207

Project: Wesleyan University - Foss Hill Dorm #6
Location: Middletown, CT

Tapered System Detail:
- Tapered Area: 51.04 SQS
- Slope per ft.: 1/8"
- Min Thickness: 3.00"
- Max Thickness: 7.25"

Cricket System Detail:
- Cricket Area: 11.32 SQS
- Slope per ft.: 1/4"
- Min Thickness: 0.50"
- Max Thickness: 3.22"

Tapered System Summary:
- Material: AC-11
- Comp strength: 20 psi
- Squares Applied: 138.66 SQS
- Min LTTR value: 17.1
- Avg LTTR value: 25.29
- R-value per inch: 5.7
- Total truckloads: 0.71
- Total units (4x4): 34.29

MODIFY TO ACCOMMODATE FOR FANS AND ROOF HATCHES

Notes:
- 2.0" Base included in price for an average R25.
- Material for drain sumps 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.

Explication: 6/30/2018
NOTES

1. ALL METAL SURFACES SHALL BE PRIMED BEFORE CONTACT WITH ANY ADHESIVE OR ROOF CEMENT.

LIGHT-METAL ROOF EDGE
DETAIL #01

TREMCO
ROOFING & BUILDING MAINTENANCE

ROOF DRAIN
DETAIL #13A

TREMCO
ROOFING & BUILDING MAINTENANCE

NEW ROOF DRAIN
ROOF DECK
DECK CLAMP
SPECIFIED INSULATION
STRAINER DOME
LEAD / METAL FLASHING
CLAMPING RING
TWO-PLY STRIPPING
MULTIPLY MODIFIED BITUMEN ROOFING
DECK CLAMP
ROOF DECK
NEW ROOF DRAIN
ATTACH WOOD NAILER TO WALL
ATTACH WOOD NAILER TO WALL
CONTINUOUS CLEAT FASTENED 18" O.C.
METAL SET IN SPECIFIED MASTIC - PRIME FLANGE BEFORE STRIPPING
MULTIPLY MODIFIED BITUMEN ROOFING
ROOF CEMENT
SPECIFIED INSULATION
VAPOR RETARDER
ROOF DECK
FELT ENVELOPE
FASTENERS 3" O.C.
STAGGERED 2 ROWS
TWO-PLY STRIPPING
MULTIPLY MODIFIED BITUMEN ROOFING
LEAD / METAL FLASHING
CLAMPING RING
SPECIFIED INSULATION
STRAINER DOME
LEAD / METAL FLASHING
CLAMPING RING
TWO-PLY STRIPPING
MULTIPLY MODIFIED BITUMEN ROOFING
DECK CLAMP
ROOF DECK
NEW ROOF DRAIN
FLXIBLE IMPERVIOUS MEMBRANE ADHERED TO VAPOR RETARDER
FLEXIBLE VAPOR RETARDER TO SERVE AS INSULATION RETAINER
CHAFER EACH SIDE OF WOOD CURB TO DRAIN

SECTION A-A

TURN ENDS DOWN 45 ANGLE
FASTENERS 8" O.C. BOTH SIDES
FASTEN "18" O.C. W/ NEOPREN SEAM SEATED FASTENERS
SEAL

SPECIFIED BASE FLASHING

TWO-PLY STRIPPING
MULTIPLY MODIFIED BITUMEN ROOFING
SPECIFIED INSULATION
VAPOR RETARDER
ROOF DECK

EXPANSION JOINT - RAISED DETAIL #14 N.T.S.

TREMCO ROOFING & BUILDING MAINTENANCE

PLUMBING VENT FLASHING DETAIL #18 N.T.S.

TREMCO ROOFING & BUILDING MAINTENANCE

NOTES
SOFT METAL FLASHINGS
1. SHEET LEAD: MINIMUM 4 LB. (20kg.) PER SQ.FT.
2. SHEET COPPER: MINIMUM 16 OZ. IF COPPER FLASHING IS INSTALLED OVER AN IRON OR STEEL PIPE, WRAP AN ASPHALT COATED ROOFING FELT TO PREVENT DIRECT CONTACT BETWEEN TWO DISIMILAR METALS.

ROLL SOFT METAL FLASHING 1" DOWN INTO PIPE
OPTIONAL: SOLDER STAINLESS STEEL SCREEN
PLUMBING VENT STACK
TWAIN TARGET PLIES ADHERED IN SPECIFIED ADHESIVE
PLUMBING VENT STACK + EXTENSION
WASTIC SEAL

SET FLANGE IN ROOF DECK
MULTIPLY MODIFIED BITUMEN ROOFING
SPECIFIED INSULATION
VAPOR RETARDER
ROOF DECK

4" MIN. FLANGE

NAIL WOOD CANT TO BLOCKING, 2 ROWS STAGGERED EACH ROW 24" O.C.

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

VORSANG COMPRESSIBLE INSULATION

4K-57-5
EXISTING ROOFING

EXTEND NEW
ROOFING 12" INTO
PREPARED AREA

SEAL EDGE WITH
REINFORCING MESH
AND ROOFING CEMENT

NEW ROOFING

VAPORETARDER

INSULATION FILLER
BOARD

12" AND 18" PLY
SHEETS ADHERED
IN SPECIFIED
ADHESIVE

REMOVE EMBEDDED
GRAVEL / DEBRIS
MINIMUM 1/8"

ROOF DECK

NOTES
1. BEFORE NEXT DAYS WORK, REMOVE TEMPORARY TIE-IN
   AND INSULATION FILLER BOARDS

DAILY WATERSTOP / TIE IN

DETAIL #50

N.T.S.

TREMCO
ROOFING & BUILDING MAINTENANCE

SK-57-7