NOTES:

1. CONTRACTORS TO VERIFY ALL MEASUREMENTS
2. SOLAR PANELS NOT SHOWN. USE DETAIL #4 FOR SOLAR PANEL STANDS.
3. ROOF PENETRATIONS NOT SHOWN
4. SLOPE OF ROOF IS BUILT INTO THE TOPPING SLAB.
5. RD = ROOF DRAINS. SEE DETAIL #3
6. INSTALL ONE OVERFLOW SCUPPER NEAR EACH ROOF DRAIN. SEE DETAIL #2.
7. SEE DETAIL #1 FOR PERIMETER FLASHING.

LANEY COLLEGE - FORUM BUILDING
ROOF REPLACEMENT - ROOF PLAN DRAWING

SKYLINE ENGINEERING, INC.
phone: 931-683-6166
bryan@skylineengineering.com

Drawn by: B. Schalesky

NO SCALE - SEE DIMENSION LINES
NOTES:
1. SLOPE OF ROOF IS BUILT INTO THE TOPPING SLAB.
2. INSTALL 1" ISOXYANURATE INSULATION AND SPECIFIED COVER BOARD.
3. RD = ROOF DRAIN. INSTALL DRAIN INSERT AS SPECIFIED. SEE DETAIL DRAWING #3.
4. SOLID THIN LINES REPRESENT ROOF RIDGES.
5. DASHED LINES REPRESENT VALLEYS OR CHANGES IN ROOF SLOPE.

LANEY COLLEGE - FORUM BUILDING
ROOF REPLACEMENT - ROOF SLOPES

SKYLINE ENGINEERING, INC.
phone 831-463-6158
bryan@skylineengineering.com

Drawn by: B. Schalesky
NO SCALE - SEE DIMENSION LINES
NOTES:

1. METAL EDGE PROFILE MAY DIFFER SLIGHTLY WITH MANUFACTURER.
2. PAINT EXTERIOR COATED METAL PROFILE TO MATCH EXISTING OR BUILDING.

1. PARAPET CAP AND BASE FLASHING

SKYLINE ENGINEERING, INC.
phone 831-653-0188
bryan@skylineengineering.com

DRAFTED: B. Schalesky

NOT DRAWN TO SCALE
NOTES:
1. OVERFLOW SCUPPER OUTLET SHALL BE LOCATED 2" HIGHER THAN THE PRIMARY DRAIN OUTLET.
2. INSTALL ONE OVERFLOW SCUPPER FOR EACH PRIMARY DRAIN.
3. SCUPPER SHALL BE CONSTRUCTED OUT OF COATED SHEET METAL ENABLING IT TO BE HEAT WELDED TO THE MEMBRANE.
4. IF NO SCUPPER EXISTS, CAREFULLY CORE THROUGH EXISTING WALL TO PROVIDE OPENING. MINIMUM OPENING SIZE SHALL MATCH PRIMARY DRAIN.
NOTES:
1. PROVIDE 3'X3' SUMP TO FACILITATE DRAINAGE.
2. LOWER DRAIN TO DECK LEVEL. REMOVE JOSAM BOWL IF NECESSARY.
3. IF ANOTHER TYPE OF DRAIN INSERT IS PROPOSED, PROVIDE SHOP DRAWINGS TO ENGINEER FOR APPROVAL.

3. DRAIN INSERT WITH SUMP

SKYLINE ENGINEERING, INC.
phone: 831-603-0188
bryan@skylineengineering.com

Drawn by: B. Schalesky

NOT DRAWN TO SCALE
4. PIPE OR STAND PENETRATION (FIELD WRAP)
5. PLUMBING VENT (PREMANUFACTURED BOOT)

SEALANT (IF REQUIRED FOR THE SPECIFIC SYSTEM)

(E) ROOF DECK

(E) COVERBOARD AND THERMAL INSULATION

(E) PLUMBING VENT STACK

(N) SEALANT

(N) DRAWBAND

INSTALL SEALANT BETWEEN PIPE AND PREFabricATED MEMBRANE FLASHING

(N) PREFabricATED MEMBRANE FLASHING (8" MIN. HEIGHT)

BASE MEMBRANE ATTACHMENT PER MANUFACTURER

(N) THERMOPLASTIC ROOF MEMBRANE

NOT DRAWN TO SCALE
COOPER B-LINE SUPPORT

UNISTRUT SUPPORT

ADJUSTABLE HEIGHT (USE FOR SLOPE FOR CONDENSATE LINES)

RECYCLED RUBBER FOOTING

THERMOPLASTIC ROOF MEMBRANE

COVERBOARD

ROOF DECK

PHP PP10 CLAMP NOT SHOWN

LOW PROFILE CONDUIT SUPPORT

PIPE OR CONDUIT AND CLAMP

TREATED WOOD BLOCK

THERMOPLASTIC ROOF MEMBRANE

COVERBOARD

ROOF DECK

NOTES:
1. USE THIS DETAIL/SYSTEM TO SECURE CONDENSATE LINES, ELECTRICAL CONDUITS OR OTHER LINES THAT DO NOT NEED TO BE MECHANICALLY ATTACHED TO THE ROOF SUBSTRATE.
2. BASE MAY BE ADHERED TO MEMBRANE TO PREVENT CONDUIT OR LINE FROM MOVING. USE APPROVED SEALANT AND DO NOT PENETRATE MEMBRANE.
3. CONDENSATE LINES SHALL HAVE POSITIVE SLOPE TO DRAIN.
4. USE LOW PROFILE SUPPORT ONLY WHEN EXISTING CONDUIT CANNOT BE RAISED.

6. SUPPORTS FOR HORIZONTAL PIPES & CONDUITS

SKYLINE ENGINEERING, INC.
phone: 831-653-6166
bryan@skyl ineengineering.com

Drawn by: B. Schalesky

NOT DRAWN TO SCALE