

BUILDING 'K' ROOF PLAN
SCALE: 1/8" = 1'-0"
NORTH

NOTE:
CONTRACTOR TO PROVIDE A \$5,000.00 ALLOWANCE IN HIS/HER BID FOR UNFORESEEN/MISCELLANEOUS CONDITIONS. WHEN FIGURING THIS ALLOWANCE IN THE BID, THE CONTRACTOR IS TO INCLUDE ALL NECESSARY OVERHEAD AND PROFIT TO CARRY THIS DOLLAR VOLUME. THIS ALLOWANCE IS NOT FOR THE CONTRACTOR'S BENEFIT, AND IS ONLY AUTHORIZED TO CHARGE AGAINST THIS ALLOWANCE WHEN DIRECTED AND APPROVED BY JOLIET JUNIOR COLLEGE. THE CONTRACTOR WILL BE ALLOWED TO INVOICE FOR DIRECT MATERIAL AND RAW LABOR COSTS ONLY.

NOTE:
SEE SPECIFICATION SECTION 012300 "ALTERNATES" FOR PROJECT REQUIREMENTS AFFECTING THE WORK.

ROOF AREAS SCOPE OF WORK

- *ALL ROOF AREAS:
- *EXISTING METAL ROOF DECK (SLOPED) TO REMAIN.
- *EXISTING 1/2" GYPSUM BOARD SHEATHING TO REMAIN.
- *EXISTING 2 PLY FELTS (HOT MOPPED) TO REMAIN.
- *EXISTING 1 LAYER OF 1.50" POLYISOCYANURATE BOARD INSULATION TO REMAIN.
- *EXISTING 2 PLY FELTS (HOT MOPPED) TO REMAIN.
- *REMOVE EXISTING 1" PERLITE BOARD.
- *REMOVE EXISTING 4 PLY FELTS (HOT MOPPED).
- *REMOVE EXISTING FLOOD COAT WITH GRAVEL SURFACING.
- *CLEAN AND PREPARE EXISTING SURFACE.
- *NEW 2 LAYERS OF 2.00" POLYISOCYANURATE BOARD INSULATION, MECHANICALLY ATTACHED.
- *NEW FULLY ADHERED EPDM ROOFING MEMBRANE AND FLASHINGS.

ROOF PLAN GENERAL NOTES

- A. ALL MATERIALS REMOVED AND NOT SALVAGED OR REUSED SHALL BE PROPERLY DISPOSED OF OFF SITE BY CONTRACTOR.
- B. VERIFY ANY ADDITIONAL DEMOLITION WORK REQUIRED FOR THE REMOVAL/REPLACEMENT OF EXISTING ROOF.
- C. ROOFING MEMBRANE AND/OR SYSTEM SHALL BE A COMPLETE SYSTEM PER MANUFACTURER'S RECOMMENDATIONS AND REQUIRED WARRANTY.
- D. COORDINATE ALL OTHER ROOF PENETRATIONS/TERMINATIONS IN FIELD WITH MANUFACTURER'S APPROVED FLASHING DETAILS (V.I.F.).

ROOF PLAN LEGEND

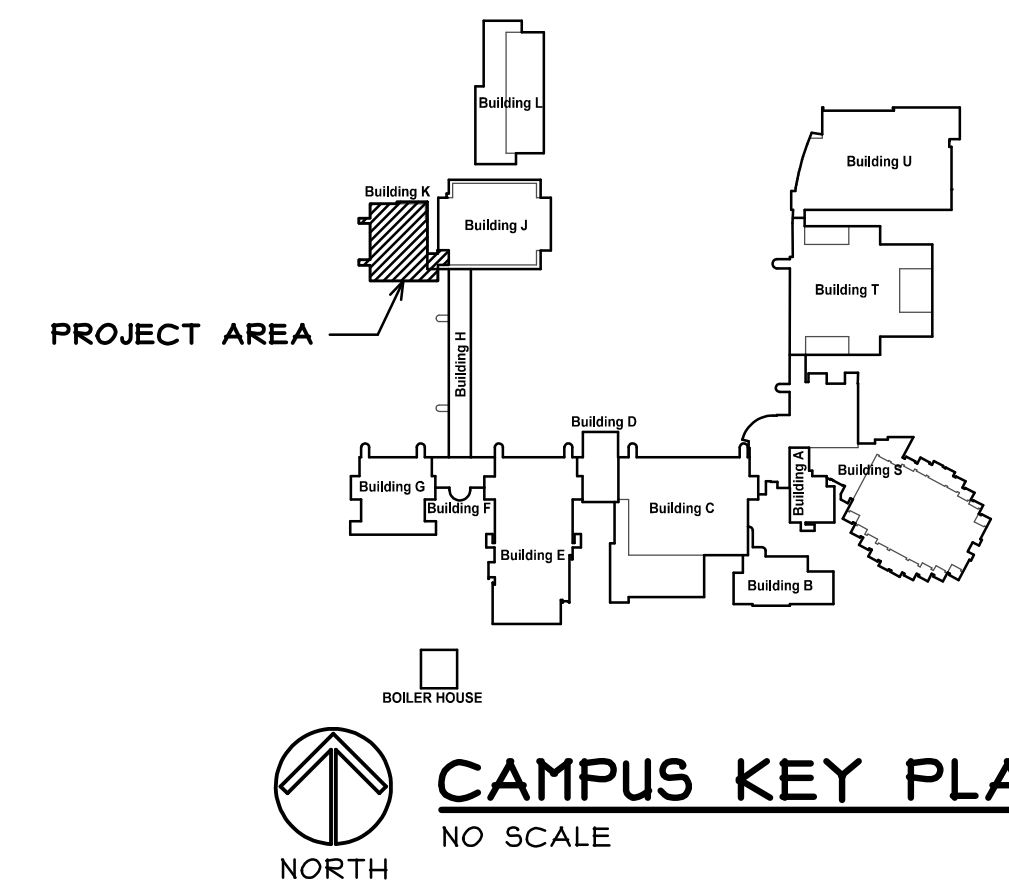
- RH EXISTING ROOF HATCH WITH INTEGRAL ROOF CURB AND COUNTERFLASHING. VERIFY EXACT SIZES AND LOCATION IN FIELD. EXISTING HATCH TO BE REMOVED. RESET EXISTING HATCH ON NEW WOOD BLOCKING TO MATCH NEW INSULATION THICKNESS. NEW EPDM BASE FLASHING. PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- EXH EXISTING EXHAUST FAN/FAI HOOD ON ROOF CURB. VERIFY EXACT SIZES AND FLASHING TO BE REMOVED. EXISTING CURB TO REMAIN. NEW WOOD BLOCKING ON TOP OF EXISTING ROOF CURB TO RAISE HEIGHT TO BE 8" MIN. ABOVE NEW ROOF SURFACE. NEW BASE FLASHING FULL HEIGHT. RESET FAI/HOOD WITH NEW GASKETED FASTENERS IN ALL MOUNTING HOLES. PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- FAI EXISTING PIPE PORTAL PENETRATION THROUGH ROOF. VERIFY EXACT SIZES AND LOCATIONS IN FIELD. EXISTING FLASHING AND PORTAL TO BE REMOVED. RESET EXISTING PORTAL ON TOP OF NEW INSULATION. NEW EPDM BASE FLASHING. PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- PP EXISTING PLUMBING VENT PENETRATION THROUGH ROOF. VERIFY EXACT QUANTITIES AND SIZES AND LOCATIONS IN FIELD. EXISTING FLASHING TO BE REMOVED. VERIFY HEIGHT OF VENT PIPE TO BE 8" MIN. TO 12" MAX. ABOVE NEW ROOF SURFACE (ADD COUPLING SLEEVE AND EXTENSION IF NEEDED). NEW EPDM FLASHING BOOT PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- PV EXISTING FLUE STACK PENETRATION IN ROOF CURB. VERIFY EXACT SIZES AND LOCATION IN FIELD. EXISTING BASE FLASHING TO BE REMOVED. EXISTING METAL COUNTERFLASHING TO BE MODIFIED/REMOVED AND REPLACED AS NEEDED TO COMPLETE ROOFING WORK. NEW EPDM BASE FLASHING PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- FLUE EXISTING ROOF DRAIN LOCATION TO REMAIN. VERIFY EXACT SIZES AND LOCATIONS IN FIELD. SALVAGE EXISTING BASKET AND CLAMPING RING. CLEAN AND REINSTALL WITH FASTENERS (EXISTING OR NEW) IN ALL CLAMPING RING HOLES. PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.
- RD NEW SUMP AT ROOF DRAIN LOCATION. VERIFY EXACT LOCATIONS IN FIELD. NEW ROOF SURFACE TO MEET HEIGHT OF EXISTING DRAIN (V.I.F.) CREATE 4'-0" SQUARE TAPERED SUMP IN NEW ROOF INSULATION. PER ROOFING MEMBRANE MANUFACTURER'S REQUIREMENTS.

ROOF PLAN KEY NOTES

- 1 EXISTING ROOF COPING, ETC. TO REMAIN UNLESS NOTED OTHERWISE. PROVIDE PROTECTION AS NEEDED DURING CONSTRUCTION OPERATIONS.
- 2 EXISTING TAPERED INSULATION SADDLES AND CRICKETS TO REMAIN, UNLESS NOTED OTHERWISE (TYPICAL).
- 3 EXISTING CABLE TRAY, MOUNTING STANDARDS, AND ALL CABLES TO BE COMPLETELY REMOVED. V.I.F.
- 4 30" SQUARE WHITE EPDM WALKWAY PADS ADHERED TO NEW ROOFING MEMBRANE AROUND ROOF HATCH AS INDICATED. V.I.F.
- 5 LOCATION OF GRADE ACCESS TO ROOF SURFACE FOR USE BY CONTRACTOR. VERIFY EXACT LOCATION(S) WITH OWNER.

ROOF PERIMETER KEY NOTES

- 11 EXISTING METAL COPING CAPS TO BE REMOVED AND SALVAGED. AFTER NEW ROOFING, REINSTALL COPING CAPS WITH NEW GASKETED FASTENERS. ALL JOINTS TO BE SEALED.
- 12 NEW METAL BASE FLASHING (COLOR TO MATCH COPING CAPS) AT COPING END TO CURB/E.I.F.S. WALL (V.I.F.). CAULK TO WALL.
- 13 EXISTING METAL COUNTERFLASHING TO BE REMOVED AND DISCARDED. NEW TERMINATION BAR WITH SEALANT AT #12 ABOVE ROOF SURFACE. MATCH EXISTING HEIGHT. V.I.F.
- 14 EXISTING METAL COUNTERFLASHING TO BE REMOVED AND DISCARDED. NEW TERMINATION BAR WITH SEALANT. RAISE TO NEW HEIGHT OF 8" MINIMUM ABOVE NEW ROOF SURFACE. V.I.F.
- 15 PROVIDE NEW METAL TERMINATION FOR TRANSITION OF BASE FLASHING HEIGHTS AT INSIDE CORNER OF WALLS. V.I.F.
- 16 PROVIDE NEW METAL TERMINATION FOR SIDES AND BOTTOM OF EXISTING METAL WALL LOUVER. V.I.F.



CAMPUS KEY PLAN
NO SCALE
NORTH

REGISTRATION
 SEAL
 stromsland + de young + prybys
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 ROOF REPLACEMENT - BUILDING K
 JOLIET JUNIOR COLLEGE
 BUILDING B
 1215 HOUBOLT ROAD
 JOLIET, ILLINOIS
 DATE: 10/29/2018
 REVISED:
 PROJECT NO.
 1808-08
 SHEET NUMBER
 A1
 OF 1 SHEETS
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