Include the following items on the project drawings. See DCSM sections 2.4 and 2.7 for additional details on drawings.

**Instructions**:

Indicate your response to each item in the checklist. Select ‘Yes’ if the checklist item has been completed in full. Select ‘No’ or ‘N/A’ if that item is not included or not required for the specific project. Explain why that item has not been included in the submittal.

| **RESPONSE** | **REQUIREMENTS** |
| --- | --- |
|  | Roof Insulation |
| Choose an item. | Show the extent and locations of the work to be accomplished. |
| Choose an item. | Provide dimensions when space limitations or construction features govern thickness of insulation materials. |
| Choose an item. | Provide details at cants, edge strips, and nailers. |
| Choose an item. | Show location and spacing of wood nailers. |
| Choose an item. | Show location, type, and spacing of special anchorages to substrate. |
| Choose an item. | Show extent of tapered insulation and slope. |
|  | Preformed Metal Roofing and/or Siding |
| Choose an item. | Show roof slope. |
| Choose an item. | Show location, sizes, and details of flashing, closure strips, and accessories. |
| Choose an item. | Show depth, thickness/gage, and configuration of roof and wall panels. |
| Choose an item. | Provide spacing of girts and purlins. |
| Choose an item. | Provide design loads for sizing girts and purlins. |
| Choose an item. | Show method of attachment to supports. |
|  | Preformed Steel Standing-Seam Roofing |
| Choose an item. | Show roof slope. |
| Choose an item. | Show supporting structural framework. |
| Choose an item. | Show intermediate support and attachment details, when applicable. |
| Choose an item. | Show attachment clip spacing. |
| Choose an item. | Show flashing support and fastening spacing. |
| Choose an item. | Show roof venting. Provide detail showing method of preventing infiltration of wind-driven rain. |
| Choose an item. | Show sealant and closure locations. |
| Choose an item. | Show locations for dissimilar metal protection. |
| Choose an item. | Provide details of all accessories such as ladders, walkways, antenna mounts, guy wire fastening, ventilation equipment, and lightning rods. |
| Choose an item. | Provide details of flashing at all roof penetrations. On roof plan, add note to offset penetrations such that center of penetrations coincides with mid-point of panel seams. |
| Choose an item. | Provide detail accounting for expansion of roofing. |
| Choose an item. | Show locations where panels will be anchored, attached, or restrained. |
|  | Aggregate-Surfaced Bituminous Built-Up Roofing |
| Choose an item. | Confirm that roof penetrating components such as roof drains and vents shall not be located within 18 inches of each other, of the toe of cant strip, or at juncture of roof with wall, or other vertical surfaces. |
| Choose an item. | Confirm that roof drains with approved clamping rings and removable large dome strainers will be used. |
| Choose an item. | Confirm that equipment mounted on curbs or structural supports are of sufficient height to accommodate roof flashings and installation of roofing under equipment. |
| Choose an item. | Confirm that structural supports are circular (pipe columns) to greatest extent practicable to permit use of circular collars with flashing flanges and umbrella flashing with clamping rings. Avoid use of pitch pockets, if possible. |
| Choose an item. | Confirm that curbs shall not restrict drainage of water from roof. |
| Choose an item. | Provide expansion joints in roofing at each expansion joint in the structure. |
| Choose an item. | Show details of expansion joints in roofing placed on curbs 8 inches high, minimum, above the membrane. Confirm that expansion joints shall not restrict drainage of water from roof. |
| Choose an item. | Indicate preservative treated wood cants at base of curbs for structural support. |
| Choose an item. | Provide area dividers in the roofing:   1. Where the roof deck changes direction and where substrate materials change; 2. Uniformly spaced not over 200 feet apart on section of roof that exceeds 200 feet in length or width; 3. At each intersection where L- or T-shaped roof deck changes direction; and 4. Where there is a difference in elevation between adjoining decks. |
| Choose an item. | Locate area dividers at high points, where practicable. Confirm that locations will not prevent drainage of water from the roof. Confirm that area dividers will be placed on curbs above the water line. |
| Choose an item. | Provide flashing details at points where items will mount on or penetrate roofing membrane and at points requiring a typical flashing. Use isometric drawings as required to clearly indicate intersections of different types of flashings. |
| Choose an item. | Show slope of substrate/roofing with directional arrows and live load limits. |
| Choose an item. | When backnailing of felts is required on a non-nailable deck, provide treated wood nailers, as a minimum, as follows:   1. Spaced no more than 21 feet apart (clear dimension), same thickness as insulation, and at right angles to roof slope on decks with roof insulation; 2. Spaced no more than 21 feet apart, embedded flush with deck top surface, and parallel to roof slope on decks without roof insulation; and 3. At a right angle to roof slope of barrel roofs and spaced and installed as for decks with or without insulation, as applicable. |
| Choose an item. | Show extent, location, and configuration of roof planks and walkways. |
| Choose an item. | Confirm that treated wood nailers are compatible with the roofing material specified. |
|  | Elastomeric Sheet Roofing System (EPDM) |
| Choose an item. | Show flashing and counterflashing at perimeter of roofing, pipe, conduit and other roof penetrations, and curbs. Confirm that sealant-filled pitch pans will not be used for flashing roofing penetrations unless there is no alternative. |
| Choose an item. | Provide expansion joints in the roofing at each expansion joint in the structure. Confirm that expansion joints will be placed on curbs above the waterline and will not restrict drainage of water from the roof. |
| Choose an item. | Confirm that roof drains will not be located within 18 inches of other penetrations, expansion joints, or walls. |
| Choose an item. | Show roof-mounted equipment on curbs or structural supports of sufficient height to accommodate roof flashings and installation of roofing under the equipment. Curbs shall not restrict drainage of water from the roof. |
| Choose an item. | Show roof walkways for traffic areas and access to mechanical equipment. Provide openings in walkways to permit drainage of water from the roof. |
| Choose an item. | Show slope of substrate/roofing with directional arrows. |
| Choose an item. | Provide live load limits of roof construction to caution against overload during stockpiling roofing materials. |
|  | Flashing and Sheet Metal |
| Choose an item. | Show base, counter, open valley, and eave flashing. |
| Choose an item. | Show roof drain flashing. |
| Choose an item. | Include details of building expansion joints at walls, ceiling, floors, roof, and parapets on contract drawings. Include exterior and interior details. Provide isometric detailing for expansion joints intersections. |
| Choose an item. | Show extent, slope, method of attachment and provisions for thermal movement of sheet metal roofing. |
| Choose an item. | Show downspout locations, gauge, size, and method of attachment. |
| Choose an item. | Show gutter size, gauge, locations, and method of attachment. |