NOTES:
1. Insulate PTs and Insuital RT.
2. Prepare joint of concrete slab before pouring.
3. Insulate flashing under flashing by torch preparation.
4. Post-insulation joint shall be sealed with sealing compound.
5. Reinforce joint with reinforcement bar or wire mesh.
6. Joint shall be sealed with high-performance jointing compound.

REMARKS:
- Insulate all exterior wall surfaces and roof surfaces.
- Use high-performance insulation material.
- Ensure proper installation and adherence to manufacturer's instructions.
- Use proper jointing materials to prevent leaks.
- Pay attention to details, especially around windows and doors.

CAUTION:
- Always wear protective clothing and goggles when handling insulation materials.
- Keep insulation materials away from reaches of small children.
- Do not allow insulation to come into contact with open flames.
- Use proper ventilation when working with insulation materials.

REFERENCES:
- ASHRAE Standard 135-2017
- NFRC 909-2016
- IBC 2018

SPECIFICATIONS:
- Insulation: R-30 (min.)
- Sheathing: OSB
- Roof Deck: 20 GA galvanized steel
- Flashing: 20 GA galvanized steel
- Jointing Compound: Silicone-based

FINISHES:
- Exterior: Paint
- Interior: Gray acoustic panels

MATERIALS:
- Insulation: Fiberglass
- Sheathing: Plywood
- Roof Deck: Metal
- Flashing: Metal
- Jointing Compound: Silicone-based

LABORATORY TESTS:
- Insulation: R-value test
- Sheathing: Moisture resistance test
- Roof Deck: Load-bearing test
- Flashing: Water penetration test
- Jointing Compound: Adhesion test

CONSTRUCTION:
- Ensure proper installation of insulation and sheathing.
- Use proper roof deck materials to prevent water infiltration.
- Install flashing to prevent water from entering the building.
- Use proper jointing compound to prevent leaks and drafts.