Wayne State University
School of Medicine
Multi-Disciplinary Biomedical
Research Building
Detroit, Michigan

Mechanical Roof Platform Extensions

10/12/2015
PROJECT NO. 2011-10087-000
WSU PROJECT NO. 211-121168

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Planning
Architecture
Engineering
Interior Architecture
Landscape Architecture
Construction Services

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WSU PROJECT NO.

PROJECT LOCATION

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PROJECT LOCATION
Location for lift staging
ROOF LADDER ELEVATION SECTION

CAGED SAFETY LADDER SECTION @ TOP

CAGED SAFETY LADDER SECTION @ BOTTOM

ROOF ACCESS LADDER CMU

CAGED SAFETY LADDER SECTION

SCALE: 1/2" = 1'-0"
**EXISTING BRICK PARAPET**

- Anchor 4" Bellow to Slab / Deck Plate @ 4'-0" Anchor
- 1'-6" x 9" Light Gauge @ 2'-6" O.C.
- Provide welded Expansion Joint Returns

**EXISTING CONCRETE PARAPET**

- Lap Sealant
- Roof Flashing
- Existing Concrete Parapet
- Cont. Term Bar w/ Sealant
- Overlap Term Bar into Joint
- Cut Flashing

**PREFORMED METAL COPING**

- Anchored w/ 1'-0" L. Cleats

**METAL DECK**

- Roofing Flashing
- Anchor w/ Pressure Bar @ S.S. Flashing w/ Sealant
- 8" O.C.
- Anchor w/ Pressure Bar @ 2'-6" O.C.

**RIGID INSULATION**

- Friction Fit & Adhere

**ROOFING SYSTEM**

- H.P. roofing Flashing
- S.S. Mtl Flashing Anchor w/ Guttered Splice Plate @ Jamb Ends.
- To match concrete.
- Provide Prefinish Mtl Coping Anchored w/ Existing Parapet beyond.

**STL. BENT PLATE**

- 4"

**WALL ASSEMBLY 'B' & 'A' WALL E.J.**

- Concrete Primer
- Vapor Retarder
- Provide tapered Insulation to Rigid Insulation (Staggered) - 3 Layers Min. of 2"
- Polyisocyanurate
- 90 Mil Fully Adhered White
- Multiple Layers of 2" Tapered Polyisocyanurate
- To match Sunscreen Profile
- 8" Hollow Core
- Polyisocyanurate Rigid Insulation
- Multiple Layers of 2"
- Waterproofing Membrane
- Growth Medium
- Metal Deck
- Rigid Insulation (Staggered) - Polyisocyanurate
- Multiple Layers of 2"

**B.P. 3 Addendum 3**

- 3/4" = 1'0"

**SCALE: 1 1/2" = 1'-0"**