



**NOTE:**

1. Remove only what can be replaced the same day. Roof must be protected at the end of each working day.
2. When building exits are to be closed during construction, only one exit may be closed at a time.

**DEMOLITION**

- D1 All roofing and roof accessories are to be removed and replaced with new unless otherwise noted.
- D2 Remove existing roof ventilators, roof drains, vent pipe flashing, counter flashing, color-clad steel and copper gutters and downspouts.
- D3 Remove existing fascia, flashing, ballast, EPDM membrane and insulation on designated area of the building in preparation for installation of new insulation, EPDM membrane, ballast, flashing, and fascia.

**CONSTRUCTION**

- C1 Install new fascia. Fascia to be 24 gauge color clad steel and color to be dark bronze to match existing metal fascia.
- C2 Install new vent boots, flashing, and counter flashing, for all roof vents.
- C3 Install new color-clad steel scuppers, gutters and downspouts. Match shape and design of the existing gutters and downspouts that were demolished. Install new roof drains to match existing.
- C4 Install new EPDM membrane, ballasted roof system over rigid tapered insulation on the flat roof area in accordance with the contract documents and the roofing membrane manufacturers recommendations. EPDM membrane is to be ballasted with 15 pounds per square foot. Ballast can be re-applied if it is washed and cleaned of all debris and dirt. Any lack if ballast quantity is to be augmented with new to achieve 15 lb. psf.
- C5 Install new tapered rigid insulation in a manner that diverts drainage to drains and scuppers, in accordance with contract documents and specifications. If existing insulation is in sound condition, the VA will consider it's re-use instead of new.
- C6 Install new personal fall arrest harness anchors on the flat roof portions of the building to match existing anchors. The anchor points are to be spaced at 10'-0" O.C. and have a 5,000 lb min. load capacity in lateral as well as downward directions. Anchor points are to be designed by a company in the business of installing fall arrest systems and design plans must have a stamp affixed indicating design approval by a P.E. Design plans are to be submitted to the VA for final approval. Load data is also to accompany the plans indicating 5,000 lb load capability.

No.	REVISION	DATE

APPROVED SERVICE LINE DIRECTOR	DATE	APPROVED INFECTION CONTROL NURSE	DATE	DRAWING TITLE	PROJECT TITLE	DATE
APPROVED VICE COORDINATOR	DATE	APPROVED PATIENT SAFETY	DATE	PENTHOUSE ROOFING PLAN BUILDING 28	REPLACE FLAT ROOFS PHASE II	2-3-12
APPROVED PROJECTS SECTION MANAGER	DATE	APPROVED CHIEF OF POLICE	DATE	APPROVED CHIEF OF STAFF	BUILDING No. 28	1/8"=1'-0"
APPROVED DIRECTOR FMS	DATE	APPROVED SAFETY MANAGER	DATE	APPROVED MEDICAL CENTER DIRECTOR	CHECKED BY RLC	PROJECT NO. 656-12-123SCIR
					DWG FILE 1028-4	
					LOCATION: VHA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWING NO. 1028 pgs. 4 OF 11

