NOTE:
1. ROOF PATCHING, INSTALLATION AND FLASHING OF NEW CURB BY GENERAL CONTRACTOR, COORDINATE OPENING SIZES/LOCATIONS WITH MECHANICAL
2. INSTALLATION OF CURB MOUNTED EQUIPMENT BY MECHANICAL

EXISTING ROOF VENT –SEE MECH

EXISTING ROOF DRAIN TO REMAIN

EXISTING ROOF VENT TO BE RE-USED –SEE MECH

EXISTING ROOF DRAIN TO REMAIN

NEW ROOF VENT –SEE MECH –SEE DETAIL 4/A-424-2.3

EXISTING ROOF VENT TO BE REMOVED –SEE MECH

LINE OF CORRIDOR WALL, BELOW

LINE OF EXTERIOR WALL, BELOW

4'–0" 4'–0" 4'–0"

8" 3'–4" 8"

EXISTING ROOF JOISTS @ 4'–0" O.C.

NEW ROOF JOISTS –SEE STRUCTURAL SHEET S-414-1.1 DETAILS 1 & 2

NEW ROOTOP MECHANICAL UNIT –SEE MECHANICAL FOR LOCATIONS

3 A-424-2.3

NEW ROOF OPENINGS, NEW METAL CURB –SEE MECH

DASHED LINE INDICATES CLEARANCES REQUIRED AT ROOFTOP UNIT

APPROXIMATE LOCATION OF EXISTING ROOF CURBS TO BE REMOVED –FIELD VERIFY –PATCH EXISTING ROOF OPENINGS. –SEE DETAIL 2/A-424-2.3

DEMOLISH ROOF FOR INSTALLATION OF STEEL REINFORCEMENT AND NEW HVAC DUCT WORK –SEE MECHANICAL –SEE STRUCTURAL DIMENSIONS OF OPENING TO BE DETERMINED BY GENERAL CONTRACTOR BASED ON FIELD VERIFICATION OF EXISTING CONDITIONS

1 A-424-2.3 ROOF PLAN
SCALE: 1/4" = 1'–0"

REMOVE EXISTING ROOF MOUNTED EQUIPMENT

DEMO EXISTING FLASHING AND ROOF CURB TO BELOW INSULATION

REMOVE/REPLACE EXISTING BLOCKING WITH NEW AND TOP WITH 3/4" TREATED PLYWOOD AND NEW EPDM ROOF MEMBRANE –AS PER MANUF., PATCH TO MATCH LEVEL WITH EXISTING ROOF

SEAL AS PER MANUF.

EXISTING TAPERED RIGID INSULATION

EXISTING CONCRETE ROOF DECK

SPRAY FOAM INSULATION

3/4" PLYWOOD, FASTENED TO CONCRETE DECK

VAPOR BARRIER

EXISTING JOISTS AND BEAMS TO REMAIN

2 A-424-2.3 EXISTING ROOF CURB DETAIL
SCALE: 1 1/2" = 1'–0"

SEALANT

METAL FLASHING, UNDER TOP FLANGE OF CURB AND OVER ROOF MEMBRANE

NEW EPDM ROOF MEMBRANE

TREATED WOOD BLOCKING FOR NEW CURB SUPPORT

SEAL AS PER MANUF.

ROOF OPENING SEE MECH

NEW STEEL BEAMS –SEE STRUCTURAL

8"

REMOVE SECTION OF EXISTING CONCRETE DECK. CENTER OPENINGS BETWEEN EXISTING JOIST AND NEW BEAM –SEE MECH FOR OPENING SIZES –SEE STRUCTURAL FOR BEAMS

3'–4" (NTS) AS PER STRUCT.

4'–0" (NTS)

ROOF MOUNTED EQUIPMENT AND 24" HIGH METAL CURB –SEE MECH

SEALANT

METAL FLASHING, UNDER TOP FLANGE OF CURB AND OVER ROOF MEMBRANE

ROOF CURB FOR HVAC BY MECH. CONTRACTOR

NEW EPDM ROOF MEMBRANE, CONTINUOUS OVER PATCHED OPENING AND UP NEW CURB

EXISTING BLOCKING FOR EXISTING OPENING

NEW OPENING

EXISTING OPENING (PATCHED) SEE DETAIL 2

EXISTING TAPERED RIGID INSULATION

EXISTING CONCRETE ROOF DECK

EXISTING ROOF JOISTS

3 A-424-2.3 NEW ROOF CURB DETAIL
SCALE: 1 1/2" = 1'–0"

VERIFY SIZE AND LOCATION OF OPENINGS WITH MECHANICAL

PLUMBING VENT –SEE MECH

SHEET METAL UMBRELLA HOOD W/ DRAW BAND

CAULK

DRAW BAND

SHEET METAL SLEEVE W/ ROOF FLANGE SET IN SEALANT (SOLDIER SEAMS)

SEALANT

SLEEVE

COUNTERFLASHING –SECURE TO VENT

EPDM ROOF MEMBRANE, CONTINUOUS UNDER COUNTERFLASHING

EPDM ROOF MEMBRANE, CONTINUOUS UNDER FLASHING

SEALANT

EXISTING TAPERED RIGID INSULATION

EXISTING CONCRETE ROOF DECK

4 A-424-2.3 ROOF VENT DETAIL
SCALE: 1 1/2" = 1'–0"

KEYPLAN

BLDG 424

NORTH PLAN

NORTH TRUE

FULLY SPRINKLED

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Revisions:	Date

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Drawing Title: ROOF PLAN (PARTIAL)
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Approved: Project Director
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Project Title: RENOVATE BUILDING 424 FOR LOGISTICS
–

Location: VA MEDICAL CENTER TOMAH WI

Date: 12-19-2012 | Checked: PR | Drawn: WSH

Project Number: 676-12-112

Building Number: 424

Drawing Number: A-424-2.3

Dwg. 7 of 48

Office of Construction and Facilities Management
Department of Veterans Affairs

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