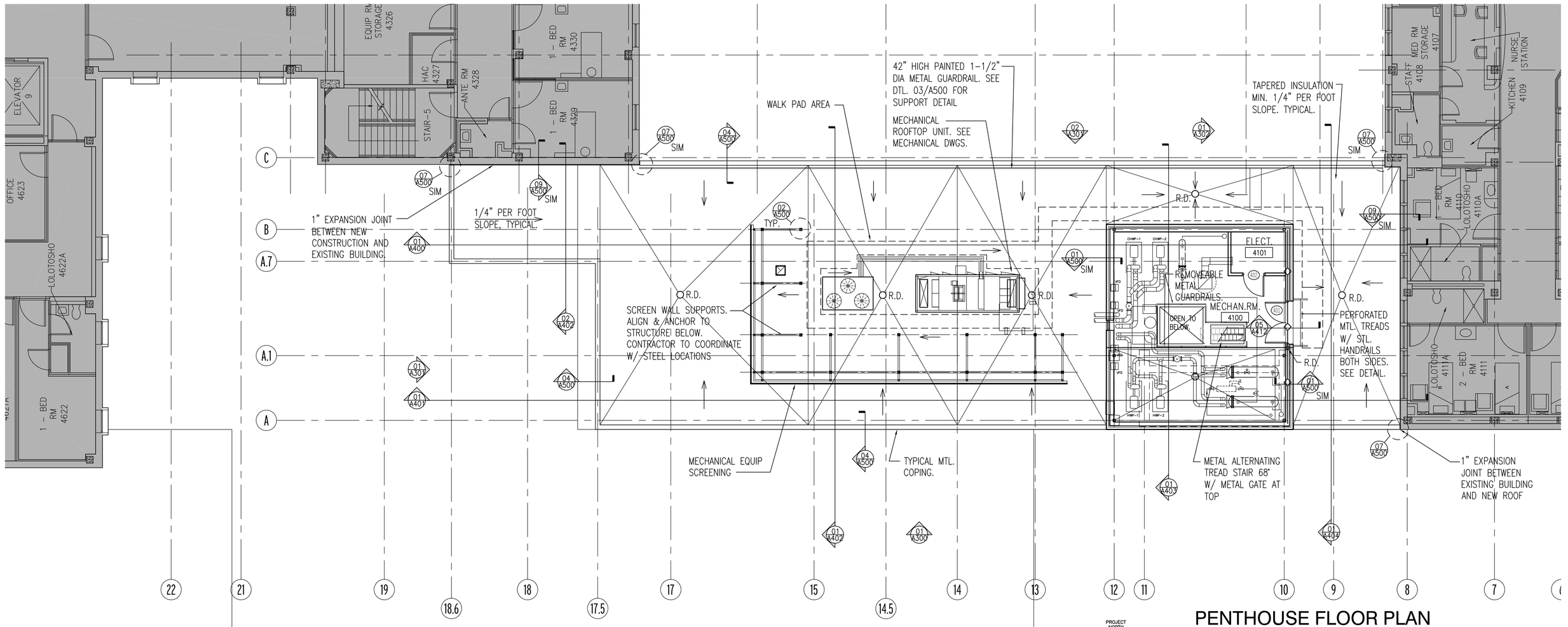
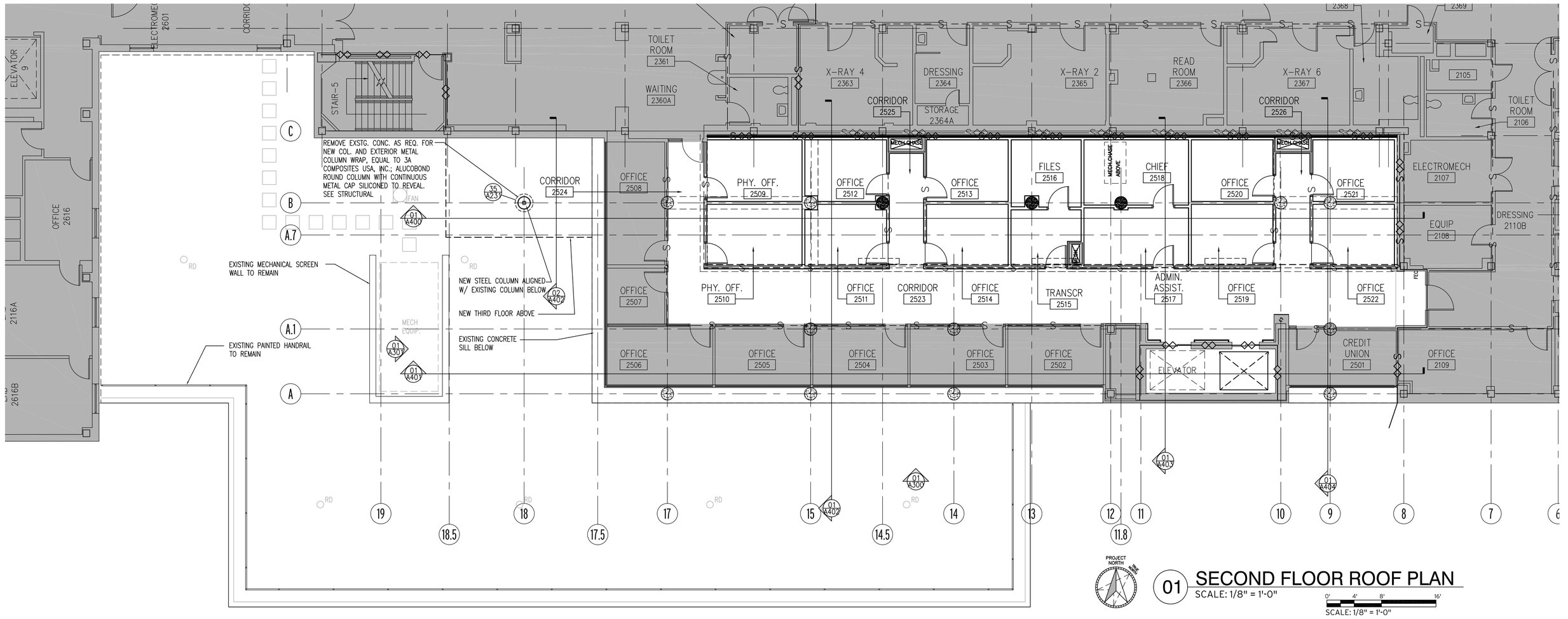


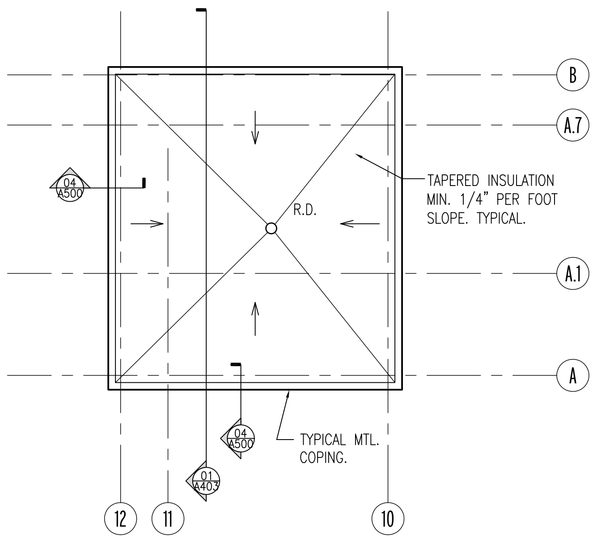
01 PENTHOUSE FLOOR PLAN & ROOF PLAN
SCALE: 1/8" = 1'-0"
SCALE: 1/8" = 1'-0"



01 SECOND FLOOR ROOF PLAN
SCALE: 1/8" = 1'-0"
SCALE: 1/8" = 1'-0"

TYPICAL ROOF CONSTRUCTION:

FULLY ADHERED 60MIL TPO MEMBRANE OVER 1/2" FIBERGLASS REINFORCED PROTECTION BOARD OVER TAPERED INSULATION OVER TWO 2 1/2" LAYERS RIGID POLYISOCYANUARATE INSULATION BOARD (LTTR30 MINIMUM R-VALUE) OVER 1/2" FIBERGALSS REINFORCED SUBSTRATE BOARD ON STEEL DECK. SUBMIT CALCULATIONS OF R-VALUES FOR RECORD. MECHANICALLY FASTEN FIRST LAYER OF RIGID INSULATION TO METAL DECK. FULLY ADHERE SECOND LAYER OF RIGID INSULATION.



03 PENTHOUSE ROOF PLAN
SCALE: 1/8" = 1'-0"
SCALE: 1/8" = 1'-0"

SYMBOL LEGEND

- AREA OUTSIDE OF WORK SCOPE
- DIRECTION OF ROOF SLOPE
- R.D. ROOF DRAIN, SEE TYPICAL ROOF DETAILS SHEET A500

GENERAL NOTES

1. ROOF TO HAVE A MINIMUM OF 1/4" INCH PER FOOT SLOPE. PROVIDE CRICKETS OF TAPERED RIGID INSULATION AS REQUIRED TO HAVE MINIMUM OF 1/4" INCH PER FOOT SLOPE.
2. ALL WOOD BLOCKING ON ROOF IS TO BE PRESSURE TREATED UNLESS NOTED OTHERWISE.
3. ROOF TOP MECHANICAL UNITS AND PENETRATIONS ARE SHOWN FOR REFERENCE ONLY. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS AND DETAILS. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING ROOF TOP MOUNTED EQUIPMENT. ROOFING CONTRACTOR TO COORDINATE ROOFING WORK WITH ALL TRADES TO PROVIDE NECESSARY MATERIALS TO FLASH ALL ROOF PENETRATIONS WHETHER SPECIFICALLY SHOWN ON ROOF PLANS OR REQUIRED BY OTHER DOCUMENTS DEFINING THE WORK OF THIS CONTRACT. FLASHING OF ALL PENETRATIONS SHALL BE AS RECOMMENDED BY THE ROOF MANUFACTURER TO MEET THE REQUIREMENTS OF A BONDED ROOF.
4. ROOF DETAILS ARE SHOWN FOR GENERAL REFERENCE. ACTUAL ROOF MANUFACTURES DETAILS TAKE PRECEDENCE.
5. WHERE NEW WORK TIES INTO EXISTING ROOFS PERFORM WORK IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS IN ORDER TO PRESERVE EXISTING ROOF WARRANTEE.
6. PROVIDE ALL MATERIALS AND LABOR REQUIRED FOR INSTALLATION OF A WEATHERTIGHT/BONDED ROOF, WHETHER SPECIFICALLY INDICATED BY THE DRAWINGS OR SPECIFICATIONS OR NOT.
7. EXTENT OF TAPERED INSULATION AND VALLEY LOCATIONS ARE APPROXIMATE AND SHALL BE ADJUSTED IN THE FIELD TO MAINTAIN POSITIVE ROOF DRAINAGE.
8. AT ROOF TOP MOUNTED EQUIPMENT AND OTHER OBSTRUCTIONS TO THE DRAINAGE PATTERN OF THE ROOF PROVIDE TAPERED INSULATION AS REQUIRED TO MAINTAIN 1/4" PER FOOT SLOPE AROUND THE OBSTRUCTION WHETHER SPECIFICALLY SHOWN ON THE ROOF PLAN OR NOT.
9. THE GENERAL CONTRACTOR SHALL PROVIDE THE STEEL FABRICATOR WITH THE DIMENSIONAL INFORMATION FOR ALL EQUIPMENT CURBS AND ROOF HATCHES FOR COORDINATION PRIOR TO FABRICATION.
10. EXPOSED GAS PIPING SHALL BE MOUNTED ON MANUF. PIPE SUPPORTS (ADVANCED SUPPORT PRODUCTS, PRODUCT #SS1000 W/ GALVANIZED STRUT CLAMPS OR APPROVED EQ.) OVER RUBBER WALKPADS MEASURING AT LEAST 12"X12". EACH SUPPORT SHOULD BE PLACED AT 10'-0" O.C. MAXIMUM AND AT EACH CORNER OF PIPING. THE GAS PIPING ITSELF IS TO BE PAINTED WITH TWO COATS OF RUST INHIBITIVE PAINT IN ADDITION TO THE FACTORY PRIME COATING.

CONSTRUCTION DOCUMENTS - 100% FINALS FULLY SPRINKLERED

Revisions:	Date

CONSULTING ENGINEERS:

LBYD, Inc.
Civil and Structural Engineers
716 South 30th Street
Birmingham, AL 35233
Main (205) 251-4500
Fax (205) 324-4181
LBYD © copyright 2012

SSOE, Inc.
3504 7th Avenue South
Birmingham, AL 35222
T 205-353-2373
Project # 012-01051.00

STATE OF ALABAMA — Everett Hatcher 1620 — Registered Architect

ARCHITECT:

CMH Architects, Inc.
1800 International Park Drive, Suite 300
Birmingham, AL 35243
(205)969-2696 - TEL
(205)969-3930 - FAX
www.cmharch.com
Copyright © 2011 CMH Architects, Inc.

PROJECT MANAGEMENT:

WALKER AND MOORE INTERIOR DESIGN PROJECT MANAGEMENT
1100 Laurel Lane Montgomery, Alabama 36106 Telephone: 334.380.4599 Facsimile: 334.264.5585

Drawing Title: ROOF PLANS
Approved Project Director: James Zellander

Project Title: A/E AMBULATORY SURGERY IMPROVEMENTS
Location: VAMC - Birmingham, Alabama
Date: 5/23/2014 | Checked: bea | Drawn: bea

Project Number: 521-328
Building Number: 0000000000
Drawing Number: A204
Dwg. 031 of 124

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

PLOT DATE: 5/13/2014 11:19 AM P:\984 VA Ambulatory Surgery Improvements\DWGS\984.00_VAMC-BHM-A204-ROOF PLAN.dwg

one inch = one foot | three quarters inch = one foot | one half inch = one foot | three eighths inch = one foot | one quarter inch = one foot | one eighth inch = one foot