three inches = one foot
one and one half inches = one foot
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
PLOT DATE: 5/13/2014 1:47 PM P:\984 VA Ambulatory Surgery Improvements\DWGS\984.00_VAMC-BHM-A401-BUILDING SECTIONS.dwg

6TH FLOOR 678.97'
5TH FLOOR 667.38'
4TH FLOOR 655.78'
3RD FLOOR 644.19'
2ND FLOOR 632.59'
1ST FLOOR 621.0'
GROUND 607.0'
BASEMENT 595.40'
ROOF BRG

10'-11⅞" 10'-9½" 10'-2" 21'-0" 10'-6½" 10'-5¾" 11'-5" 11'-7" 1'-6" 2'-11" 20'-6" 7'-3" 9'-9½"+-
1'-1½" 1'-6" 23'-5"

TYPICAL ROOF CONSTRUCTION:
FULLY ADHERED 60MIL TPO MEMBRANE OVER 1/2" FIBERGLASS REINFORCED GYPSUM DECK BOARD OVER 1/4" PER FOOT TAPERED INSULATION OVER TWO 2 1/2" LAYERS RIGID POLYISOCYANUARATE INSULATION BOARD (LTTR30 MINIMUM R-VALUE) ON 1/2" FIBERGLASS REINFORCED GYPSUM 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.

TYPICAL EXTERIOR WALL CONSTRUCTION:
6" LIGHTGAUGE METAL STUDS 16" O.C. W/ R-19 BATT INSULATION. 5/8" GYPSUM BOARD INSIDE. 5/8" FIBERGLASS REINFORCED GYPSUM SHEATHING W/ SPRAY DAMPPROOFING. 1 1/4" POLYISOCYANURATE INSULATION BOARD. BRICK VENEER. BRICK TIES 32"O.C. HORIZ./ 16"O.C. VERT.

06 K410 — TYPICAL ROOF CONSTRUCTION. ROOF DRAIN.
PENTHOUSE
1 HR FIRE-RATED EXTERIOR WALL - UL DESIGN NO. U419.
EXISTING CONCRETE STRUCTURAL TO REMAIN.
TYPICAL EXTERIOR WALL CONSTRUCTION. EXISTING WINDOW. EXISTING CONCRETE SURROUND TO REMAIN. 1" EXPANSION JOINT COVER.
01 K410 — TYPICAL ROOF CONSTRUCTION.
01 K411 — TYPICAL EXTERIOR WALL CONSTRUCTION. CURTAIN WALL SYSTEM SUNSHADE. ROOF BEARING
+- 14'-0"
SCREEN WALL BEYOND.
LOCATIONS OF ROOF DRAINS TO BE COORDINATED TO TIE INTO EXISTING ROOF DRAINS, TYPICAL.
MIN. ¼" PER FOOT SLOPE.
CLERESTORY WINDOW.
+- 14'-2½"
+- 12'-2"
+- 9'-0" CEILING HEIGHT
NEW STEEL BEAM, SEE STRUCTURAL, TYPICAL
NEW STEEL TUBE COLUMNS BEYOND. SEE STRUCTURAL
AMBULATORY SURGERY SUITE
AMBULATORY SURGERY SUITE
NEW STL. BEAM. SEE STRUCTURAL.
NEW ACOUSTICAL CEILING GRID/TILE
NEW L.G. FRAMED WALLS WITH GYP. BOARD BOTH SIDES.
NEW STEEL TUBE COLUMNS BEYOND. SEE STRUCTURAL.
L.G. FRAMED FURRING WALL W/ 5/8" GYP. BD.
EXISTING STRUCTURAL CONCRETE FLOOR SYSTEM.
EXISTING ROOF MEMBRANE AND INSULATION TO BE REMOVED.
EXISTING ELEVATOR SHAFT
2HR FIRE-RATED SHAFT WALL: 2 LYRS. 5/8" TYPE X GYPSUM BOARD ON 4" SHAFT WALL FRAMING WITH 1" GYPSUM LINER.
EXISTING CONCRETE WALLS
O.R. LIGHT BOOM RED IRON. SEE STRUCTURAL.
REMOVE EXISTING WINDOW AND INFILL W/ L.G. FRAMING/ GYP.BD.
WALL EXPANSION JOINT BEYOND. SEE PLAN DETAILS.
L.G. FRAMED FURRING WALL W/ 5/8" GYP. BD.
PROCEDURE RM.
EXISTING STRUCTURAL CONCRETE DECK TO REMAIN, TYPICAL.
NEW CONCRETE COLUMN BEYOND, SEE STRUCTURAL
CURTAIN WALL BEYOND. METAL CLAD VENEER PANEL BEYOND. NEW COLUMN EXTENSION BEYOND.
EXISTING ROOF MEMBRANE TO REMAIN. REPAIR/ REPLACE IF DAMAGED BY NEW CONSTRUCTION.
EXTERIOR
RADIOLOGY OFFICES
EXISTING OFFICES TO REMAIN. REPAIR FINISHES TO MATCH EXISTING IF DAMAGED DURING UTILITY WORK. SEE ENGINEERING DWGS.
NEW CONCRETE COLUMNS BEYOND. SEE STRUCTURAL.
EXISTING OFFICE TO REMAIN. REPAIR FINISHES TO MATCH EXISTING IF DAMAGED DURING UTILITY WORK. SEE ENGINEERING DWGS.
EXISTING CONCRETE COLUMNS BEYOND.
EXISTING COLUMN BEYOND.
EXISTING OFFICES TO REMAIN. REPAIR FINISHES TO MATCH EXISTING IF DAMAGED DURING UTILITY WORK. SEE ENGINEERING DWGS.
LOBBY VESTIBULE
PATCH/ REPAIR EXISTING GYP. BD. IN ENTRY VESTIBLE. PAINT TO MATCH EXIST.
REPAIR SLIDING DOOR STOREFRONT SYSTEM AS NECESSARY AFTER ICRA BARRICADES REMOVED.
EXISTING CONCRETE COLUMNS BEYOND.
EXISTING OFFICES TO REMAIN. REPAIR FINISHES TO MATCH EXISTING IF DAMAGED DURING UTILITY WORK. SEE ENGINEERING DWGS.
EXISTING OFFICE TO REMAIN. REPAIR FINISHES TO MATCH EXISTING IF DAMAGED DURING UTILITY WORK. SEE ENGINEERING DWGS.
BASEMENT
EXISTING BASEMENT ROOMS TO REMAIN. REPAIR FINISHES TO MATCH EXISTING IF DAMAGED DURING UTILITY WORK. SEE ENGINEERING DWGS.

01 BUILDING SECTION
SCALE: 1/4" = 1'-0"
0" 4" 8" 16"
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTS - 100% FINALS FULLY SPRINKLERED

Revisions	Date

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Approved Project Director: James Zellander
Project Title: A/E AMBULATORY SURGERY IMPROVEMENTS
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Date: 5/23/2014 | Checked: bea | Drawn: bea
Project Number: 521-328
Building Number: 0000000000
Drawing Number: A401
Dwg. 046 of 124

Office of Construction and Facilities Management
Department of Veterans Affairs

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