

S:\ENGINEERING\PROJECT SECTION\ALL PROJECTS\17 PROJECTS\Abate Bio-Med Basement\Main Hospital 667-18-112\Drawings\Construction Drawings - Adam.dwg 6-15-17 08:56:14 AM vhashtarta1

GENERAL PLAN NOTES:

- A. ALL NEW INTERIOR PARTITIONS SHALL BE 5/8" TYPE X GYP BOARD ON BOTH SIDES, EXTENDING 6" MINIMUM ABOVE CEILING ON 3-5/8" 20ga. METAL STUDS, 16" O.C., WITH EVERY 4TH STUD AND ALL END AND CORNER STUDS EXTENDED TO STRUCTURE ABOVE UNLESS OTHERWISE INDICATED.
- B. CONSTRUCTION AND INSTALLATIONS SHALL CONFORM TO ALL FEDERAL, STATE AND LOCAL ORDINANCES, CODES, ETC.
- C. DIMENSION PLANS ARE INTENDED TO SHOW DIMENSIONS AND WALL TYPES, WALL RATINGS, WALL SECTIONS/BUILDING SECTION INDICATORS, EXTERIOR ELEVATION INDICATORS, PLAN DETAIL INDICATORS, AND DIMENSION PLAN KEY NOTES. REFER TO THE A4 SERIES ARCHITECTURAL PLANS FOR ADDITIONAL PLAN KEY NOTES, INTERIOR ELEVATION MARKS AND INFORMATION RELATED TO OTHER ASPECTS OF THE PROJECT.
- D. ALL DIMENSIONS ARE TAKEN FROM COLUMN CENTERLINES TO THE FACE OF FINISH, FACE OF MASONRY, CONCRETE, OR EXISTING FINISHES, UNLESS NOTED OTHERWISE.
- E. CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITHIN AND/OR RELATED TO THE SITE AND/OR EXISTING BUILDING. DIMENSIONS AND CONDITIONS INDICATED WERE DETERMINED BY VISUAL SURVEY. CONTRACTOR SHALL OBTAIN AND VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR THE SAME. IF DISCREPANCY IS FOUND, THE CONTRACTOR SHALL CONTACT THE ARCHITECT AND THE ARCHITECT SHALL DETERMINE THE CRITICAL DIMENSIONS TO BE HELD.
- F. DIMENSIONS ARE TAKEN TO THE 4'-0" PLANE ABOVE FINISHED FLOOR.
- G. ALL FIRE RATED ASSEMBLIES WITH RECESSED WALL ACCESSORIES AND/OR PENETRATIONS, I.E. RECEPTACLES, CONDUITS, DUCTS, PIPING, FIRE EXTINGUISHER CABINETS, RECESSED FILM VIEWERS, PAPER TOWEL DISPENSER, ETC. SHALL BE CONSTRUCTED TO MAINTAIN THE DESIGNATED RATED ASSEMBLY.
- H. VERIFY ALL EXISTING FLOOR ELEVATIONS, GRADES AND DIMENSIONS OF EXISTING BUILDING AS IT RELATES TO THE NEW CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- I. FINISHED FLOOR ELEVATIONS ARE FROM THE FACE OF THE FINISHED SUBSTRATE, I.E. CONCRETE DECK, CONCRETE SLAB, ETC.
- J. VARIATION IN THE EXISTING FLOOR SLAB ELEVATIONS MAY PRODUCE DIFFERENT CLEARANCES BETWEEN DOOR FRAME HEAD AND CEILING HEIGHTS. FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE INSTALLATION OF EXIT LIGHTS, VINYL WALLCOVERING, DOME LIGHTS, TRIM, ETC. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR REVISIONS PRIOR TO CONSTRUCTION.
- K. VERIFY LOCATION AND SIZE OF ALL RECESSES, PLUMBING CHASES AND MECHANICAL SHAFTS PRIOR TO CONSTRUCTION.
- L. ALL PENETRATIONS THROUGH FLOORS, CHASES, SHAFTS AND FIRE RATED ASSEMBLIES SHALL BE SLEEVED PER THE REQUIRED TEST AND FIRE-STOPPED.
- M. ALL PENETRATIONS THROUGH FLOOR SLABS, I.E. CONDUITS, DUCTS, PIPING, PNEUMATIC TUBE, ETC. SHALL BE FIRESTOPPED AND SEALED AS REQUIRED TO PROVIDE THE ASSEMBLY RATED DESIGNATED AND SHALL BE WATERTIGHT.
- N. PROVIDE FULL HEIGHT METAL STUDS (20 GAUGE MINIMUM) TO THE FLOOR OR ROOF DECK ABOVE AT ALL CORNERS, DOOR FRAMES, BORROWED LIGHTS FRAME, BEHIND WALL MOUNTED EQUIPMENT AND BEHIND WALL MOUNTED CASEWORK.
- O. ALL TRADES ARE REQUIRED TO VISIT THE SITE AND DETERMINE THAT ALL WORK CAN BE ACHIEVED IN A COMPLETE MANNER UNDER THEIR BID.
- P. PROVIDE ACCESS PANELS IN WALLS WHERE SERVICE TO MECHANICAL, PLUMBING, ELECTRICAL, ETC. ELEMENTS WILL NEED TO BE ADJUSTED, I.E. CLEAN OUTS, VALVES, DAMPERS, ETC. ACCESS PANELS SHALL BE OF THE SAME RATING AS THE ADJACENT WALL CONSTRUCTION.
- Q. PROVIDE BLOCKING BEHIND ALL WALL MOUNTED HANDRAILS, BUMPER RAILS, TOILET ACCESSORIES, SCONCES, ETC.
- R. ALL CORRIDORS, HALLWAYS, PASSAGES, ETC. WALLS SHALL BE CONSTRUCTED TO BE SMOKE TIGHT AND SMOKE RESISTANT UNLESS NOTED OTHERWISE.
- S. ALL NEW DATA LINES ARE TO BE CAT-6 AND TIED BACK INTO VA SYSTEM AT THE NEAREST AVAILABLE DATA CLOSET.
- T. CONTRACTOR IS TO EVALUATE EXISTING AND NEW POWER REQUIREMENTS PRIOR TO CONSTRUCTION.

VENTILATION AND ENVIRONMENTAL CONTROL:

1. Air System Flow: Determine whether the construction area uses fresh/outside or recirculated air; filters should be added or return vents covered as needed with filter material or plastic. Air must flow from clean to dirty areas.
2. Negative Air Pressure: The air within the construction area must be negative with respect to surrounding areas and with no disruption of air systems of adjacent areas. Use of the negative air pressure system within the enclosure to remove dust should pass air through an industrial grade, portable HEPA filter capable of filtration rates of 300-800 cubic feet per minute (ft3/min), or exhaust air directly to the outside if approved by VAMC. If exhaust must be tied into a re-circulated air system, a pre-filter and HEPA filter should be used before exhaust to prevent contamination of the ducts. Contractor shall provide and install an instrument proving that negative pressure relationship is being maintained - see specifications. Contractor is responsible for window & trim removal and re-installation for neg air installation.
3. Adjacent Areas: The status of sealed penetrations and intact ceiling should be verified daily.
4. Air Exchange Rates and Pressure Relationships: VAMC and/or Contractor will verify and maintain proper rates in critical areas near construction activity and ensure air is not being re-circulated without filtration from the construction area elsewhere. VAMC will make determination on providing for the accountability and frequency of testing air pressure throughout the project.

DUST AND DEBRIS CONTROL:

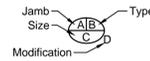
1. Barrier Systems: The area should be isolated, as the project requires. Projects that produce moderate to high levels of dust require rigid, dust-proof, barrier walls (e.g., drywall) with caulked seams for a tight seal extending floor to ceiling. Seal off and block return air vents if rigid barriers are used for containment. Large dusty projects need an entry vestibule for clothing changes and tool storage and tight seals should be maintained at the full perimeter of walls and wall penetrations. An interim plastic dust barrier (minimum 4-mil) may be required to protect the area while the rigid impervious barrier is being constructed. Any dust shall be immediately cleaned if tracked outside of the construction barrier. Upon completion of the construction project dust barriers shall be removed carefully to minimize spreading of dust and the contractor shall have temporary dust protection in place before removal of a permanent barrier. Contractor personnel shall monitor and perform barrier maintenance and be educated to notice simple clues such as accumulations of visible dust evidenced by footprints, opened doors/windows evidenced by presence of insects and flies, wet ceiling tiles, etc.
2. Traffic Control: Designated entry and exit procedures shall be defined. Egress paths should be free of debris; designated elevators should be used during scheduled times; and only authorized personnel should be allowed to enter the construction zone. Signage should direct pedestrian traffic away from the construction area and materials.
3. Demolition Debris: Debris should be removed in carts with tightly fitted covers, using designated traffic routes. Carts & wheels are to be kept clean. Efforts should be made to minimize use of elevators with an emphasis on transport during the lowest period of activity. Debris should be removed daily and at times specified by the VAMC. Filters should be bagged and sealed before being transported out of the construction area. The contractor shall not haul debris through patient-care areas without prior approval of the VAMC. All construction entry/exits shall have two sticky walk off mats at all times during construction.
4. Exterior Windows: Windows should be sealed to minimize infiltration from any adjacent excavation debris.
5. Construction areas shall be locked/secured at all times.

GENERAL ASBESTOS NOTES:

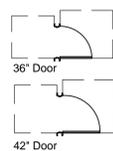
1. All abatement is to be conducted in accordance with the drawings, specifications, scope of work, and all federal and state guidelines.

SYMBOL LEGEND: (not all used)

DOOR TAG



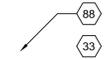
DOOR SWING



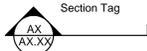
ROOM TAG



KEYNOTES



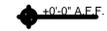
SECTION TAG



ELEVATION TAG



HEIGHT TAG



SHEET INDEX:

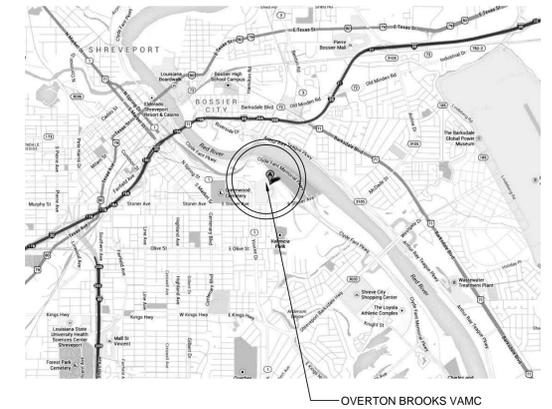
GENERAL INFORMATION

- A0.00 COVER SHEET
- A0.01 PROJECT REFERENCE INFO

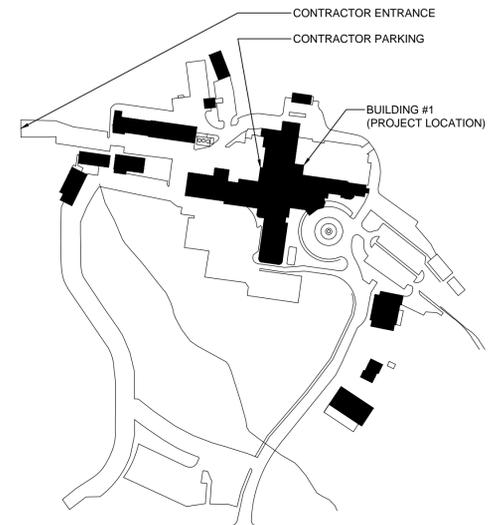
ARCHITECTURAL

- A1.01 DEMOLITION/ CONSTRUCTION

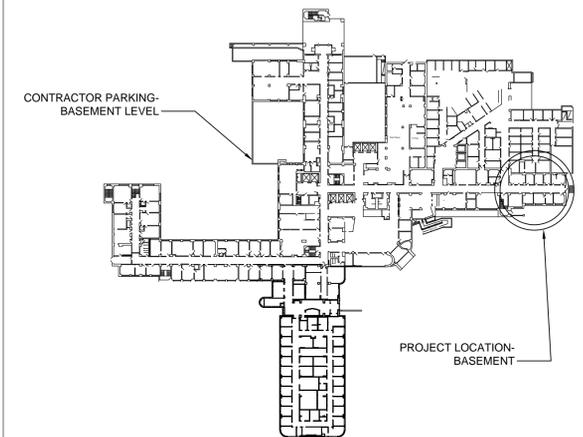
Area Map



Campus Map



Key Plan



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|------------|------|
| Revisions: | Date |
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| CONSULTANTS: |
| IN HOUSE DESIGN |

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| ARCHITECT/ENGINEERS: |
| IN HOUSE DESIGN |

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| Drawing Title | Project Reference Information |
| Project Engineer | Robert Hattan |

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|---------------|---|
| Project Title | Abate BioMedical Engineering Dept |
| Location | Overton Brooks VAMC - Building 1 - 6W, 7W, and 8W |
| Date | 6-14-2017 |
| Checked | |
| Drawn | |

| | |
|-----------------|--------------|
| Project Number | VA667-17-109 |
| Building Number | 1 |
| Drawing Number | A0.01 |
| Dwg. 2 of 3 | |

Office of Construction and Facilities Management