

Risk Baseline					
Project:		111 Upgrade Pool Locker Rooms		Date	March 8, 2016
Completed By:		ANDREW JACOBS			
Complete risk analysis as part of the scope of Design Services and to be updated throughout design of project at design programming, schematics, 35% CD's and 95% CD's and precon.					
	Project Risk	Impact (List issue(s) to be addressed)	Probability /Impact H, M, or L	Measures taken to Resolve or Mitigate	Measures in Design/SOW
1	What utilities are involved and what will utilities affect?				
a	Medical Gas		N/A		
b	Water	Demo existing, replace with new based on approved layout	H/M	Verify location, confirm if active, schedule shutdown, during off hours	
c	HTHW	Demo existing, replace with new based on approved layout, Verify Requirements	H/M	Verify location, confirm if active, schedule shutdown, during off hours	
d	Steam		N/A		
e	Power Indicate if CR, LS, Q, or Normal	Normal, LS, CR	H/H	outages to be scheduled off hours	local outages for CR, LS, Normal will be required, some outages will affect other floors
f	Fire Alarm	Adjust existing for new space based on approved layout	H/M	schedule shutdown, during off hours	Yes, Fire alarm circuit tie ins could affect fire alarm notification and initiation loops on parts of floor
g	Data/Telephone	Demo existing	M/M	Verify location, confirm if active, schedule shutdown, during off hours	existing data telephone within construction area will be removed back to source
h	HVAC	Adjust existing based on approved layout	H/M	Verify location, confirm if active, schedule shutdown, during off hours	
i	Wireless	Protect, remove and turn over to VA	H/M	Verify location, confirm if active, schedule shutdown, during off hours	
j	Sprinkler System	Adjust existing, based on approved layout	H/M	Verify location, confirm if active, schedule shutdown, during off hours	
k	Pneumatic Tube		N/A		
2	What type of other outages are anticipated?	Limit Pool Swimming to either Men or Women - must switch access to the bathrooms / locker rooms based per pool schedule	M/L	Active Schedule verification and changing of signage daily in order to minimize potential for confusion of bathrooms	Phasing established to always provide either a bathroom or locker room for men and women during construction
3	What are adjacencies to construction?	PT Exam rooms, PT Therapy Pool	H/L	Infection Control Measures in place, Security of jobsite and equipment, work to be conducted during normal and off hours as to not affect patient care	IFC/ CB designed to prevent access to jobsite and protect patients and staff
4	Is the project close enough or operations disruptive enough to affect critical/sensitive areas of operation in the hospital, (ICU, Cath Lab, OR, Pain Clinic, ER, Imaging, Dialysis, Audiology, Oncology, Lab, etc)	No	L/L		
5	Where will ancillary work be located?	Sub Basement	L/L	Should not affect patient care	
6	Will/How ancillary work affect patient Care?	Infection Control and Construction Barriers in place if necessary should not affect patient care	L/L	ICRA and ILSM as required	

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7	Are there moves to patients or staff involved?	Yes, PT Exam room B0530 to be closed in phase 1, PT Exam Rooms B0524 and B0522 to be closed in phase 2 permanently, Women's Locker room B0515 to be closed during phase 2, Men's Locker Rooms to be closed during phase 3	L/L	Phasing established to limit closure of rooms that affect patient care, Coordinate with PT staff to limit disruption of pool access because of construction	Phasing established to always provide either a bathroom or locker room for men and women during construction
a	Will they affect start of project?	Yes, PT must schedule relocation of staff in exam room B0530 for phase 1	N/A	PT to relocate staff prior to start of project	
b	If patient services are affected how will this be handled?	Work to be conducted during normal hours and off hours	L/L	Should not affect patient care	
c	Will staff correspondence need to be changed due to relocations or renovations?	No	N/A		
8	Patient Safety issues? Addressed?	Yes	L/H	Infection Control Level 4 and Jobsite Security in place	
9	What are the hours of work for main project area?	Normal Work hours, Utility outages and flooring work Off Hours	L/L	Coordinate schedule with PT and OT	
10	What are the hours of work for the ancillary areas?	Off Hours	L/L	Coordinate with VA Staff	
11	Is way finder signage required? Is replacement of exiting signs required? New rooms signs?	New Room Signage part of contract	L/L	New Signage part of contract, Temp signs by contractor	
12	What is the FCP for the project and FY.	6997, FY16			
13	Where do you get funds for changes?	CURRENT YEAR FY16			
14	Has the time table been verified by the contractor (CPM)?	N/A			
15	Weather, need to verify seasonal schedule and working conditions.		N/A		
16	Energy, Focus on Energy: Part of the design; equipment and materials – timeliness and impacts to schedule.	Applicable for New Equipment as Required to include Lights	L/L	Focus on Energy design incorporated in design	
17	Is it likely there will be physical disruption of the water system/lines or stagnation of the water system for greater than 7 days?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		If yes, please employ the following interventions): 1. All hot and cold water systems will be flushed until flowing clear and without air in the system (not less than 10 minutes) 2. All faucets and shower heads will be removed and cleaned 3. Temperatures will be taken to insure hot water is within limits 4. Water samples will be taken to verify levels of chlorine and ensure safe water for human use 5. Take a representative sample at affected distal fixtures and send for culture testing	
18	What is the facilities Tuberculosis Risk Assessment classification?	<input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High			

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19	TB Risk - will the construction worker be in an area where risk of exposure to suspect or confirmed TB (Negative Pressure Room: HEPA filtered) or exposed to exhaust ventilation system from exposure area?	NO	N/A	the contractor must provide written certification that all contract employees assigned to the work site have had a pre-placement tuberculin screening within 90 days prior to assignment to the worksite and been found have negative TB screening reactions. Contractors will be required to show documentation of negative TB screening reactions for any additional workers who are added after the 90-day requirement before they will be allowed to work on the work site.	
20	Staging		N/A		
a	Large pieces of equipment and sections of AHU both new and demo, where will they be staged?		N/A		
b	Job trailer required?		N/A		
21	Security	Required For Construction Phase	L/L	Badging and CR	
a	Jobsite security - electronic badge, key	1 Badge Scanner - Required For Construction Phase	L/L	Badging and CR	
b	Special contractor access required - separate key in SAMS box, badges,	SAMS Box	L/L	Badging and CR	
c	Off hours access	Floor Construction and outages Off Hours (Evenings, Weekends/ Holidays)	L/L		
d	Key Plan and Cores and Divisions	Number of cores: <u>5</u> Series: <u>_1-58AA-1_</u>			
22	Fire Safety Review	Required - <u>YES</u>	L/L	Date to ISS - <u>11/5/13</u> Comments Received - <u>11/25/13</u>	
23	ISO Appendix A	Required - <u>YES</u>	L/L	Project Manager to fill out and submit to Contracting	
24	Will there be demolition/construction waste? (all waste must be diverted from landfill and recycled whenever possible)	Yes, must follow VA specifications for removal of waste and abatement of asbestos products	H/M	Contractor to submit plan for removal of construction waste and submit asbestos abatement plan prior to beginning of work	
a	Does the project involve or generate any of the following: - Air Emissions including GHGs - ACM - Utility Modification - Soil Disturbance - Water Treatment - Petroleum Storage - Hazardous Waste - Radioactive Waste - Mixed Waste - RCRA or CERCLA - Wetlands - Permits - Aesthetics - Disturbance of Historic District - Biological Resources	Environmental Review of Federal Action: Lead, ACM	M/M	Asbestos/ Lead report included in contract documents also locations identified on drawings	
25	Will there be space needed for waste collection/recycling segregation?	Use VA Dumpsters, segregate waste	N/A		
26	System Commissioning	System Checkout Mfg Startup Test Operation Diagnostics System Certification	N/A		

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27	Building Integration	<ul style="list-style-type: none"> <li>Controls Power same system as main HVAC</li> </ul>	H/L	Design integrates existing practices and systems	
28	Training	<ul style="list-style-type: none"> <li>PM&amp;R, Grounds, Graphics/HVAC shops</li> <li>Hospital Staff</li> <li>Engineer</li> </ul>	M/L		
29	<p>Are sole source items required? If so, what and is it submitted to GLAC?</p> <ul style="list-style-type: none"> <li>- Fire Alarm System</li> <li>- Security System &amp; Code Blue</li> <li>- Pneumatic Tube System</li> <li>- Medical Gas Alarms</li> <li>- Nurse Call</li> <li>- Isolation Room Controls</li> <li>- Doors, Hardware, Locks and Keying</li> <li>- Building Automation and HVAC Controls</li> <li>- Refrigerator Temperature Controls</li> <li>- Wander Guard</li> <li>- Modular Furniture</li> <li>- Patient Ceiling Lifts</li> <li>- Modular Brick</li> <li>- Automatic Transfer Switches</li> <li>- Electrical/Utility Metering</li> <li>- Interiors</li> <li>- Tile Grout Sealant</li> <li>- Firestop Systems</li> <li>- DIRT</li> </ul>	<p>Fire Alarm System, Doors, Hardware, Locks and Keying, Building Automation and HVAC Controls, Interiors, Firestop Systems</p>	H/L	Sole Source documents submitted to GLAC.	
30	AE - Submittal Log		N/A		
31	NTP - Submittal Log	<p>Contractor - Verify Log</p> <p>Contractor - Verify at Precon</p> <p>Submittal's required before work can start and long lead time materials</p> <p>Contractor - Determine Work Start Date and provide notification of work start date and area based on submittal review time</p>	L/L		
32	AE - Heat Detectors in Construction Space	<p>layout based on:</p> <ul style="list-style-type: none"> <li>- 25 ft centers</li> <li>- common corridors</li> <li>- wire in series, tie into flow switch</li> </ul>	H/L	Plans to note "contractor to maintain and modify as needed".	
33	<p>Construction Personnel are oriented to the following:</p> <ul style="list-style-type: none"> <li>- Need ID Badge</li> <li>- Safety, emergency response</li> <li>- HIPPA, privacy rights</li> <li>- Infection control</li> <li>- ILSM criteria - TB</li> </ul>	<p>Contractors must follow rules and regulations for work in VA hospital</p>	H/L	<p>Personnel will be oriented to safety, emergency response, HIPPA, privacy rights and infection control. ID Badges required of all workers.</p> <p>Information disseminate at Precon and placed in Buzzsaw for access by GC</p>	