## **CHAPTER 111: POLYTRAUMA REHABILITATION CENTER (PRC)**

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#### 1 PURPOSE AND SCOPE

This document outlines Space Planning Criteria for Chapter 111: Polytrauma Rehabilitation Center (PRC). It applies to PRC's developed as new construction projects or as renovation projects at Department of Veterans Affairs (VA). The PRC includes: Inpatient Unit, Outpatient Unit and PTRP Unit (PTRP).

#### 2 DEFINITIONS

<u>Activities of Daily Living</u>: A treatment area where a modified home environment is created to evaluate and retrain patients. This area includes a kitchen, bathroom, living, bedroom and laundry settings.

<u>Assistive Technology Lab</u>: A dedicated space that includes a variety of state of the art products, devices and equipment that may enable patients with disabilities to accomplish daily living tasks assist them in communication, education, work or recreation activities helping them achieve greater independence and enhance their quality of life.

<u>Balance Testing</u>: A Vestibular Rehabilitation Therapy system used to assess and retrain the sensory and voluntary motor control of balance with visual biofeedback on either a stable or unstable support surface and in a stable or dynamic visual environment using a dynamic dual force plate with rotation capabilities to measure the vertical forces exerted by the patient's feet and a moveable visual surround.

<u>Blind Rehabilitation Outpatient Specialist (BROS)</u>: A multi-skilled and experienced blind rehabilitation instructor with advanced technical knowledge and competencies in at least two of the following disciplines at the journeyman level: orientation and mobility; living skills; manual skills and visual skills. The BROS has been cross-trained to acquire broadly based knowledge in each of the Blind Rehabilitation Competency disciplines including computer access training.

<u>Driver Training</u>: This program provides disabled veterans instruction, practice and evaluation of the special adaptive equipment simulator needed to independently operate a motor vehicle.

<u>Electromyogram (EMG)</u>: A test used to record the electrical activity of muscles. When muscles are active, they produce an electrical current that is usually proportional to the level of muscle activity. An EMG is also called a myogram.

<u>Gait Lab</u>: This lab tests the patient's gait and balance abilities utilizing specific equipment in a dedicated room.

<u>Kinesiotherapy (KT)</u>: The application of scientifically based exercise principles adapted to enhance the strength, endurance and mobility of individuals with functional limitations or those requiring extended physical conditioning.



<u>Occupational Therapy</u>: Therapy based on engagement in meaningful activities of daily life such as self-care skills, education, work and social interaction, to enable or encourage participation in such activities despite impairments or limitations in physical or mental functioning.

<u>Physical Medicine and Rehabilitation Service</u>: A medical, multidisciplinary, team- oriented, treatment process designed to reduce the dysfunctional effects of a wide variety of social and physical disabilities.

<u>Physical Medicine and Rehabilitation Service Provider</u>: A medical professional providing patient care in the Physical Medicine and Rehabilitation Service who is a Physiatrist, Physical Therapist, Occupational Therapist, Kinesiotherapist, or a Vocational Rehabilitation Therapist.

<u>Physical Therapy (PT)</u>: A treatment that provides therapeutic interventions for patients whose ability to function is impaired by disease, injury, or other causes. This includes those with pain, neuromuscular, musculoskeletal, cardiopulmonary and integumentary conditions. Physical Therapy includes prevention of injury and impairment through the promotion and maintenances of fitness.

<u>Polytrauma</u>: When injuries are incurred to multiple body parts and organ systems that may result in long term impairments and functional disabilities.

<u>Polytrauma Transitional Rehabilitation Program (PTRP)</u>: VA PTRPs are time limited, goal oriented, residential rehabilitation programs that partner with Veteran and Service member participants to improve their physical, cognitive, communicative, behavioral, psychological and social functioning after significant injury or illness. PTRP is a program for individuals recovering from Polytrauma, assisting and training individuals to perform average daily living skills as they transition from a 24 hour healthcare environment to a home environment.

<u>Vestibular Rehabilitation Therapy</u>: Vestibular Rehabilitation Therapy is an exercise-based program designed to promote central nervous system compensation for inner ear deficits.

<u>Vocational Rehabilitation Therapy</u>: An assessment process that determines the jobs that are best suited for an individual through the use of interviews, evaluation of abilities and tests of manual and physical skills. VRT services are associated most often with Employment Services Program and there is a renewed interest in this program associated with the VA's younger population.

<u>Work Evaluation Program</u>: A program that identifies personal barriers to obtaining and maintaining employment including vocational, behavioral, emotional, attitudinal and social barriers in order to identify appropriate employment options.

#### Space Planning / SEPS

<u>Accessible</u>: A site, building, facility, or portion thereof that complies with provisions outlined in the Architectural Barriers Act of 1968 (ABA).



Architectural Barriers Act (ABA): A set of standards developed to ensure that all buildings financed with federal funds are designed and constructed to be fully accessible to everyone. This law requires all construction, renovation, or leasing of sites, facilities, buildings, and other elements, financed with federal funds, to comply with the Architectural Barriers Act Accessibility Standards (ABAAS). The ABAAS replaces the Uniform Federal Accessibility Standards (UFAS).

Average Length of Encounter (ALoE): Averaged length of time, in minutes, a patient spends in an Exam / Treatment Room interacting with a provider and the clinical support team. It is accounted from room "set-up" to "clean-up" by staff. This metric is used to determine the number of annual patient / provider encounters that take place in an Exam / Treatment Room which, in turn, is used to calculate the number of Exam / Treatment Rooms needed in a facility based on projected annual workload. The ALoE is determined with VHA SME input during a PG-18-9 clinical chapter revision / update.

<u>Average Length of Stay (ALoS)</u>: The average number of days a patient Veteran stays in an inpatient care unit. The ALoS is used to calculate the number of patient bedrooms for a specialty by dividing the site's projected workload by the ALoS.

<u>Building Gross (BG) Factor</u>: A Factor applied to the sum of all the Departmental Gross Square Footage (DGSF) in a project to determine the Building Gross Square Footage. This factor accounts for square footage used by the building envelope, structural systems, horizontal and vertical circulation including main corridors, elevators, stairs and escalators, shafts, and mechanical spaces. The Department of Veterans Affairs has set this factor at 1.35 and included guidance in case of variance when developing a Program for Design (PFD) in SEPS.

<u>Clinic Stop</u>: Per these criteria, a clinic stop is the workload unit of measure for space planning. Clinic Stops are codified by VSSC, when applicable, they are referenced by number in the calculation of workload driven patient care spaces in this document.

<u>Department Net to Gross (DNTG) Factor</u>: A parameter, determined by the VA for each clinical and non-clinical department PG-18-9 space planning criteria chapter, used to convert the programmed Net Square Feet (NSF) area to the Department Gross Square Feet (DGSF) area.

<u>Encounter</u>: An interaction between a patient Veteran and a VA provider or providers in an Exam Room / Treatment Room / Consultation Room / Procedure Room, spaces where a patient Veteran received clinical care.

<u>Full-Time Equivalent (FTE)</u>: A staffing parameter equal to the amount of time assigned to one full time employee. It may be composed of several part-time employees whose combined time commitment equals that of one full-time employee (i.e., 40 hours per week).

<u>Functional Area (FA)</u>: The grouping of rooms and spaces based on their function within a clinical service or department.



<u>Functional Area Criteria Statement (FACS)</u>: A verbalized mathematical / logical formulation assigned to a FA incorporating answers to Input Data Statements (IDSs) to determine the condition for providing the rooms / spaces listed in the FA in the baseline space program or Program for Design (PFD) for a project. Certain rooms / spaces may or may not have additional conditions.

<u>Input Data Statement(s)</u>: A question or set of questions designed to elicit information about the healthcare project to generate a Program for Design (PFD) based on the parameters set forth in this set of documents. This information is processed through mathematical and logical operations in the VA Space and Equipment Planning System (SEPS).

<u>JSN (Joint Schedule Number)</u>: A unique five alpha-numeric code assigned to each content item in the PG-18-5 Standard. JSNs are defined in DoD's Military Standard 1691 and included in SEPS Content Table.

<u>Net Square Feet / Net Square Meters (NSF/NSM)</u>: The area of a room or space derived from that within the interior surface of the bounding walls or boundaries.

<u>Patient Unique</u>: (or Unique Patient), A Veteran patient counted as a unique in each division from which they receive care. Patient Uniques are included in the Registry for a VA Medical Center.

<u>Program for Design (PFD)</u>: A project specific itemized listing of the spaces, rooms, and square foot area required for the proper operation of a specific service / department, and the corresponding area for each. PFDs are generated by SEPS based on the PG-18-9 Standard.

<u>PG-18-5</u>: A Department of Veterans Affairs' Equipment Guidelist Standard for planning, design, and construction of VA healthcare facilities; a Program Guide (PG) that lists assigned room contents (medical equipment, furniture, and fixtures) to each room in PG-18-9. PG-18-5 follows PG-18-9's chapter organization and nomenclature.

<u>PG-18-9</u>: A Department of Veterans Affairs' Program Guide for the Space Planning Criteria Standard use to develop space planning guidance for the planning, design, and construction of VA healthcare facilities; a Program Guide (PG) that provides space planning guidance for VA Medical Centers (VAMCs) and Community Bases Outpatient Clinics (CBOCs). PG-18-9 is organized by chapters, as of September 2021 there are 56 clinical and non-clinical PG-18-9 chapters; they are implemented and deployed in SEPS so that space planners working on VA healthcare projects can develop baseline space programs.

<u>PG-18-12</u>: A Department of Veterans Affairs' Design Guide Standard for planning, design and construction of VA healthcare facilities, a Program Guide (PG) that provides design guidance for VA Medical Centers (VAMCs) and Community Bases Outpatient Clinics (CBOCs). The narrative section details functional requirements and the Room Template section details the planning and design of key rooms in PG-18-9. Not all PG-18-9 chapters have a corresponding PG-18-12 Design Guide; one Design Guide can cover more than one PG-18-9 chapter.



<u>Provider</u>: An individual who examines, diagnoses, treats, prescribes medication, and manages the care of patients within his or her scope of practice as established by the governing body of a healthcare organization.

<u>Room Area</u>: The square footage required for a clinical or non-clinical function to take place in a room / space. It takes into account the floor area required by equipment (medical and non-medical), furniture, circulation, and appropriate function / code-mandated clearances. Room area is measured in Net Square Feet (NSF).

Room Code (RC): A unique five alpha-numeric code assigned to each room in the PG-18-9 Standard. Room Codes in PG-18-9 are unique to VA and are the basis for SEPS's Space Table for VA projects.

<u>Room Criteria Statement (RCS)</u>: A mathematical / logical formulation assigned to each room / space included in PG-18-9 incorporating answers to Input Data Statements (IDSs) to determine the provision of the room / space in the baseline space program or Program for Design (PFD) for a project.

Room Efficiency Factor: A factor that provides flexibility in the utilization of a room to account for patient delays, scheduling conflicts, and equipment maintenance. Common factors are in the 75% to 85% range. A room with 80% room efficiency provides a buffer to assume that this room would be available 20% of the time beyond the planned operational practices for this room. This factor may be adjusted based on the actual and/or anticipated operations and processes of the room/department at a particular facility.

<u>SEPS</u>: Acronym for Space and Equipment Planning System which produces equipment lists and Program for Design for a healthcare project based on specific information entered in response to Input Data Questions.

<u>SEPS Importer</u>: A style-based format developed to allow upload of RCSs and IDSs to SEPS to implement and operationalize space planning criteria in PG-18-9 in the SEPS digital tool. This format establishes the syntax used in the RCSs and allows the use of Shortcuts. Shortcuts allow developers of space planning criteria statements to simplify RCSs making full use of their logical and mathematical functionality. A shortcut can refer to an RCS, a room in any FA or a formula. Shortcuts are [bracketed] when used in FAs and RCSs and are listed along with their equivalences at the end of the Space Planning Criteria section.

<u>Space Planning Concept Matrix (SPCM)</u>: A working document developed during the chapter update process. It lists all the rooms organized by Functional Area and establishes ratios between the directly and the indirectly workload driven rooms for the planning range defined in this document. The matrix is organized in ascending workload values in ranges reflecting existing facilities and potential future increase. Section 5 of this document Space Planning Criteria reflects the values in the SPCM.

<u>Stop Code</u>: A measure of workload including clinic stops forecasted by the Office of Policy and Planning (OPP) for all Strategic Planning Categories at Medical Center and Outpatient Clinic levels.



<u>Telehealth</u>: The use of technology, such as computers and mobile devices, to manage healthcare remotely. It includes a variety of health care services, including but not limited to online support groups, online health information and self-management tools, email and online communication with health care providers, remote monitoring of vital signs, video, or online doctor visits. Depending on the concept of operations for this space, it may be equipped as an exam room or as a consult room with video/camera capability.

<u>Utilization Rate</u>: A factor used in the calculation of a directly workload-driven room throughput. It represents, in a percent value, the room is idle based on the planning assumptions. For example, if a directly workload-driven room is available for use 8 hours a day, the Utilization Rate represents the assumed time it will be actually be used, an 85% utilization rate indicates, for planning purposes, the room will be used 6.8 hours a day. An additional directly workload-driven room will be provided in the calculation once the previous room has reached 100% utilization. The utilization Rate is embedded in the Room Throughput value calculated in Section 3 of this document.

<u>VA Room Family (VA RF)</u>: An organizational system of rooms / spaces grouped by function, a 'Room Family'. There are two "Orders" in the VA RF: Patient Care and Patient Care Support; Patient Care features four sub-orders: Clinical, Inpatient, Outpatient and Residential Clinical. There are also four sub-orders in the Patient Care Support order: Building Support, Clinical Support, Staff Support and Veteran Support. Each room in a Family has a unique Room Code and NSF assigned based on its Room Contents and function which correspond to the specific use of the room. The same RC can be assigned to different Room Names with the same function in this document and can be assigned an NSF that varies based on the PG-18-5 Room Contents assigned to the room.

<u>VA Technical Information Library (TIL)</u>: A resource website maintained by the Facilities Standards Service (FSS) Office of Construction and Facilities Management (CFM) containing a broad range of technical publications related to the planning, design, leasing, and construction of VA facilities. VA-TIL can be accessed at: <a href="https://www.cfm.va.gov/TIL/">https://www.cfm.va.gov/TIL/</a>

<u>Workload</u>: Workload is the anticipated number of procedures, clinic stops, clinic encounters etc. that is processed through a department/service area. The total workload applied to departmental operational assumptions will determine overall room requirements by modality.

<u>Workstation</u>: Area outfitted with equipment and furnishings, typically allocated 56 NSF each. Managers and other staff with no direct reports as well as part-time, seasonal, and job-sharing staff may qualify for a workstation. Such environments are particularly conducive to team-oriented office groupings. These environments work best when they have access to conference and small group meeting spaces.

#### 3 OPERATING RATIONALE AND BASIS OF CRITERIA

- A. Space planning criteria included in this Standard have been specifically developed for this Department / Service in a Department of Veterans Affairs healthcare facility based on established VHA policy and guidelines to define the scope of services provided for existing workload demand as well as that in the foreseeable future. Rooms and Functional Areas are provided based on research of clinical and non-clinical activities performed in this Department.
- B. Development / update of VA's Program Guide (PG) standards is a research based effort executed with participation of VHA Subject Matter Experts (SMEs), VA-Construction and Facilities Management Office (CFM) professional staff and specialty consultants hired for the task. These space planning standards are based on current applicable VHA policies and guidelines, established and/or anticipated best practice standards, and latest medical technology developments. Workload metrics were tailored to satisfy current and anticipated veteran workload demand.
- C. The space planning component of PG-18-9 is based on the Space Planning Concept Matrix (SPCM) which lists all the rooms organized by Functional Area and assigns room quantity (Q) and area (NSF) for a series of ranges corresponding to the smallest to the largest department for this service in the VA healthcare system in incremental size; each range corresponds to a workload parameter which determines the number and area of each directly workload-driven room. The rest of the rooms in the range i.e., waiting, storage, staff workstations, etc. are determined by ratios to the resulting number of or NSF of the workload-driven rooms.
- D. Sections 4 and 5 of these space planning standards as well as the PG-18-5 standard are implemented in the Space and Equipment Planning System (SEPS) and hosted at the MAX.gov website so planners working on VA Construction projects can develop single or multi-department projects based on these PG-18-9- and the PG-18-5 standards. Output from SEPS is through Space and Contents Reports; the Space Report is the Program for Design (PFD), the Content Report is the Project Room Contents (PRC). Inclusion of a Functional Area as well as Room quantity (Q) and determination of the room area (NSF) in the PFD is based on the projected Workload input which triggers calculations included in the Room Criteria Statements (RCSs). The RCSs are placed immediately after each room name, room code and baseline area (NSF). The PRC list the medical equipment, furniture and fixtures associated to each Room Code in the project. The PFD & PRC are the baseline requirements for the planning phase of a VA project based on a site's projected workload for the target planning year. This chapter's corresponding PG-18-12, Design Guide -if available- is intended for use during the design phase of the project.

- E. Space Planning parameters and metrics in this document are based on the Polytrauma Space Planning Criteria Matrix (SPCM) developed as the basis for this chapter. The Polytrauma SPCM lists all the spaces a VA Polytrauma site would require whether for a Patient Care Unit (PCU), a Resident Care Unit (RCU) or an Outpatient (OP) clinic; the quantity and NSF for each room is calculated based on the Polytrauma projected workload or number of FTE positions authorized. The SPCM is organized in 16 ranges as follows:
  - 1. Range 1: One 12-bed PCU
  - 2. Range 2: One 18-bed PCU
  - 3. Range 3: One 10-bed RCU
  - 4. Range 4: Two 10-bed RCU
  - 5. Range 5: Polytrauma Stop Code 197 between 384 and 3,840 annual clinic stops, and/or EMG Stop Code 212 between 320 and 1,600 annual clinic stops, and/or Chiropractic Stop Code 436 between 427 and 2,133 annual clinic stops.
  - 6. Ranges 6 to 9: Polytrauma Stop Code 197 between 3,841 and 11,520 annual clinic stops (in increments of 1,920).
  - 7. Ranges 10 to 12: EMG Stop Code 212 between 1,601 and 6,400 annual clinic stops (in increments of 1,600).
  - 8. Ranges 13 to 15: Chiropractic Stop Code 436 between 2,134 and 8,532 annual clinic stops (in increments of 2,133).
- F. All current VA Polytrauma sites are covered, the upper ranges are calculated for future facilities in case a higher projected workload or FTE positions authorized than those at the present time for Polytrauma.
- G. The SPCM metrics are translated into one (or more) Room Criteria Statement (RCS) for each room in Section 5 of this document. The SPCM Planning Range, the maximum number of directly workload-driven patient bedroom, in this document is 12 or 18 for the PCU; 10 or 20 for the RCU, six Polytrauma Exam Rooms, four EMG Exam Rooms and 4 Chiropractic Exam Rooms. If a project shall require provision of workload driven rooms above the maximum range value refer to CFM for guidance. Rooms in this space planning document are organized in 19 Functional Areas (FAs).
- H. Based on its intended function, each room / space is assigned a:
  - 1. Room Name (RN),
  - 2. Room Code (RC),
  - 3. Room Area, the Net Square Feet (NSF) and its corresponding "soft metric" Net Square Meters (NSM),
  - 4. Unique Room Criteria Statement(s) (RCSs) correlated to answers to Input Data Statements (IDSs), and
  - 5. Room Comment as needed.



- I. The Room Codes included in this chapter stem from the VA Room Family. A unique support space, that may have variable area, is assigned a unique Room Code and adopts the square footage, as needed, correlated to the room contents assigned which in turn correspond to the range for those rooms. A unique clinical space or a direct clinical support room, i.e., control room, system components room, etc. typically does not feature variable NSF. Patient Care room names for rooms unique to this chapter end in ", Polytrauma". Patient Care Support room names end in ", Bldg Sprt", "Clncl Sprt", "Stff Sprt", or ", Vet Sprt", correlating to Building, Clinical, Staff or Veteran Support room families.
- J. Section 5, Sub-Section H lists the SEPS Importer Shortcuts used for implementation of Sections 4 & 5 in SEPS. These shortcuts are inserted into the Room Criteria Statement (RCS) for each room which upon upload into the Space and Equipment Planning System (SEPS) allowing planners developing VA healthcare projects to determine quantity and square footage of each room by performing mathematical or logical calculations. Shortcuts refer Input Data Statements (IDSs), Rooms or calculation parameters stemming from the SPCM.
- K. SEPS is accessible to government healthcare planners and private sector consultants working on VAHC projects during their Period of Performance (PoP) through the MAX.gov website; government provided Training is a requisite for access.
- L. SEPS incorporates a Net-to-Department Gross factor (NTDG) factor of **1.65** for Polytrauma and a Building Gross factor of **1.35** in the space calculation to generate the Department Gross Square Feet (DGSF) and the Building Gross Square Feet (BGSF) respectively for the project based on the aggregate resulting Net Square Feet (NSF) for each range. Planners can adjust the BGSF factor in SEPS; the NTDG factor is fixed.
- M. Refer to the chapter corresponding PG-18-5 Equipment Guidelist for the Room Content assignment for each room during the planning phase of a project.
- N. Refer to the chapter corresponding PG-18-12: Design Guide, if available, during the planning and design phases of a project. Not all PG-18-9 clinical chapters have a corresponding PG-18-12 document, please refer to the VA-TIL.
- O. The space planning and design Program Guides: PG-18-9, PG-18-5, and PG-18-12 are available at the <u>Department of Veterans Affairs Office of Construction and Facilities</u>

  <u>Management (CFM) Technical Information Library (TIL)</u> website.

#### 4 PRC-PCU INPUT DATA STATEMENTS (IDS)

A. Is an 18-bed PRC Patient Care Unit authorized? (M) (If not, a 12-bed PRC Patient Care Unit will be provided)



#### 5 PRC-PCU SPACE PLANNING CRITERIA

The Polytrauma Rehabilitation Center (PRC) is organized in three patient units: Inpatient, Outpatient and Transitional Residential Rehabilitation, and common Reception, Staff and Administrative, and Education Areas. A PRC must have all three patient units.

## A. FA 1: PRC PATIENT CARE UNIT RECEPTION AREA

- 1. Polytrauma PRC Lobby, Bldg Sprt (SB111) ......300 NSF (27.9 NSM) a. Provide one
- 2. Polytrauma PRC Reception, Clncl Sprt (SC183) ......260 NSF (24.2 NSM) a. Provide one

Allocated NSF accommodates two Receptionist FTEs, patient privacy area, and circulation. This space accommodates patient check-in and scheduling activities.

3. Polytrauma PRC Waiting, Bldg Sprt (SB003) ......290 NSF (27.0 NSM) a. Provide one

Allocated space accommodates twelve standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total fourteen people. This space should be located adjacent to the patient entrance and under visual control of Receptionist.

4. Polytrauma PRC Family Waiting, Bldg Sprt (SB051) ......125 NSF (11.7 NSM) a. Provide one

Allocated NSF accommodates one lounge chair @ 12 NSF, one 2-seat sofa at 32 NSF, one accessible space @ 10 NSF, and circulation; total four people.

5. Polytrauma PRC Bariatric Patient Toilet, Bldg Sprt (SB163)............ 75 NSF (7.0 NSM) a. Provide one

Allocated NSF accommodates one bariatric toilet @ 25 NSF, one bariatric lavatory @ 21 NSF, ABA clearances, and circulation. Locate near General Waiting.

6. Polytrauma PRC Vending Area, VC Svc (SV683) ......150 NSF (14.0 NSM) a. Provide one

#### B. FA 2: PRC PATIENT CARE UNIT PATIENT AREA

- 1. IP Patient Bedroom, Polytrauma (IPT01) ......300 NSF (27.9 NSM)
  - a. Provide eleven if NOT [18-bed is authorized]
  - b. Provide sixteen if [18-bed is authorized]
- 2. Polytrauma IP Patient Toilet / Shower, Bldg Sprt (SB134)......115 NSF (10.7 NSM) a. Provide one per each [IP Patient Bedroom, Polytrauma (IPT01)]

Allocated NSF accommodates one accessible toilet @ 25 NSF, one self-care vanity polytrauma lavatory @ 10 NSF, one polytrauma shower @ 30 NSF, ABA clearances, and circulation. This room is outfitted with a floor mounted toilet.



- 3. IP Airborne Infection Isolation (AII) Bedroom,
  Polytrauma (IPT03) ......300 NSF (27.9 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide two if [18-bed is authorized]

This room requires Negative Pressure.

4. IP Airborne Infection Isolation (AII) Anteroom,

Polytrauma (IPT04) ...... 65 NSF (6.1 NSM)

- a. Provide one per each [IP Airborne Infection Isolation (AII) Bedroom, Polytrauma (IPT03)]
- 5. Polytrauma IP Airborne Infection Isolation (AII)

Toilet / Shower, Bldg Sprt (SB135) ......115 NSF (10.7 NSM)

a. Provide one per each [IP Airborne Infection Isolation (AII) Bedroom, Polytrauma (IPT03)]

Allocated NSF accommodates one accessible toilet @ 25 NSF, one self-care vanity polytrauma lavatory @ 10 NSF, one polytrauma shower @ 30 NSF, ABA clearances, and circulation. This room is outfitted with a floor mounted toilet and requires Negative Pressure.

6. Polytrauma IP Resident Toilet / Shower, Bldg Sprt (SB160) ............ 80 NSF (7.5 NSM)

a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]

Allocated NSF accommodates one polytrauma shower @ 30 NSF, one accessible bench @ 16 NSF, ABA clearances, and circulation. Allocated NSF accommodates larger open shower for use of a litter.

#### C. FA 3: PRC PATIENT CARE UNIT SUPPORT AREA

- 1. Polytrauma IP Nurse Station, Clncl Sprt (SC152) ......180 NSF (16.8 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide one at 260 NSF if [18-bed is authorized]
- 2. Polytrauma IP Ward Clerk Workstation, Stff Sprt (SS218)...... 56 NSF (5.3 NSM)
  - a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]
- 3. Polytrauma IP Nurse Report Room, Clncl Sprt (SC156) ......200 NSF (18.6 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide one at 300 NSF if [18-bed is authorized]
- 4. Polytrauma IP Medication Room, Phrm Svc (SV583) ......120 NSF (11.2 NSM)
  - a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]
- 5. Polytrauma IP Nourishment Room, F&N Svc (SV272) ...... 80 NSF (7.5 NSM)
  - a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]



	6.	Polytrauma IP Clean Linen Alcove, EMS (SC467)	
	7.	Polytrauma IP Clean Utility Room, Lgstcs Svc (SB737)120 NSF (11.2 NSM)  a. Provide one if NOT [18-bed is authorized]  b. Provide one at 160 NSF if [18-bed is authorized]	
	8.	Polytrauma IP Soiled Utility Room, Lgstcs Svc (SB743)	
	9.	IP Equipment Storage Room, Polytrauma (IPT06)300 NSF (27.9 NSM)  a. Provide one if NOT [18-bed is authorized]  b. Provide one at 400 NSF if [18-bed is authorized]	
		This space is used for storage of medical equipment, specialty beds / chairs, wheelchairs and litters.	
	10.	Polytrauma IP Crash Cart Alcove, Clncl Sprt (SC052)	
	11.	IP Equipment Alcove, Polytrauma (IPT18)	
	12.	Polytrauma IP Housekeeping Aides Closet (HAC), Bldg Sprt (SB244)	
D.	FA	4: PRC PATIENT CARE UNIT PATIENT AND FAMILY AREA	
	1.	IP Patient Dining Room, Polytrauma (IPT21)	
		This space is for patient use and therapeutic treatment.	
	2.	Polytrauma IP Food Storage Room, F&N Svc (SV211)	
		This space should be located adjacent to the Dining Room.	
	3.	IP OT Training Kitchen, Polytrauma (IPT25)	
		This space is for patient use and therapeutic treatment.	



- 4. IP Patient-Family Living Room, Polytrauma (IPT27) ......400 NSF (37.2 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide one at 500 NSF if [18-bed is authorized]

This space is for patient and family use.

- 5. IP Quiet Room, Polytrauma (IPT29)......140 NSF (13.1 NSM)
  - a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]
- 6. IP Family Wellness Multipurpose Room, Polytrauma (IPT31) .....400 NSF (37.2 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide one at 550 NSF if [18-bed is authorized]

This space is intended for family meetings, conferencing, education sessions and celebrations.

- 7. IP Playroom, Polytrauma (IPT33)...... 80 NSF (7.5 NSM)
  - a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]

This space, including its furniture and accessories, should be designed to accommodate children's play activities.

- 8. IP Group Room, Polytrauma (IPT34)......300 NSF (27.9 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide one at 400 NSF if [18-bed is authorized]

This space can also serve as an Inpatient Conference Room.

- 9. IP Patient Laundry Room, Polytrauma (IPT36)......160 NSF (14.9 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide one at 200 NSF if [18-bed is authorized]
- 10. Polytrauma IP Patient Belongings Storage Room,

Lgstcs Svc (SB711) ...... 100 NSF (9.3 NSM)

- a. Provide one if NOT [18-bed is authorized]
- b. Provide one at 140 NSF if [18-bed is authorized]

Space contains open shelving for storage of patient belongings.

- 11. Polytrauma IP Visitor Toilet, Bldg Sprt (SB191)................................ 60 NSF (5.6 NSM)
  - a. Provide two if NOT [18-bed is authorized] or [18-bed is authorized]

Allocated NSF accommodates one accessible toilet @ 25 NSF, one accessible wall-hung lavatory @ 13 NSF, ABA clearances, and circulation.

## E. FA 5: PRC PATIENT CARE UNIT THERAPY AREA

- 1. IP Rehabilitation Therapy Room, Polytrauma (IPT41) ......2,100 NSF (195.1 NSM)
  - a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]

This space is provided for PT, OT and KT patient therapy.

2. IP Rehabilitation Therapy Equipment Storage Room,



•	
	Polytrauma (IPT43)
3.	IP PT / OT Evaluation Room, Polytrauma (IPT45)180 NSF (16.8 NSM)  a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]
4.	Polytrauma IP Bariatric Patient Toilet, Bldg Sprt (SB163)
	Allocated NSF accommodates one bariatric toilet @ 25 NSF, one bariatric lavatory @ 21 NSF, ABA clearances, and circulation. This space is provided for patient transfer skills training.
5.	Polytrauma IP Team Room, Clncl Sprt (SC243)
	This is a shared team room to accommodate the workspace requirement for Physical Therapists (PT), Occupational Therapists (OT) and Kinesiologists (KT).
6.	IP Therapy Consult Room, Polytrauma (IPT46)140 NSF (13.1 NSM)  a. Provide two if NOT [18-bed is authorized] or [18-bed is authorized]
	This space is provided for private patient consultation.
7.	IP Recreation Therapy Room, Polytrauma (IPT51)
	This room should be sub-divided into two zones: a quiet zone for recreation therapy and a more active recreation therapy zone (game room).
8.	IP Recreation Therapy Storage Room, Polytrauma (IPT53)120 NSF (11.2 NSM)  a. Provide one if NOT [18-bed is authorized]  b. Provide one at 160 NSF if [18-bed is authorized]
9.	IP Computer Room, Polytrauma (IPT55)
	This room contains 4 to 6 computer workstations and printers for computer skills training.

Stff Sprt (SS218) ...... 56 NSF (5.3 NSM)

a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]



10. Polytrauma IP Recreational Therapist Workstation,

11.	Polytrauma (IPT61)
12.	IP Neuropsychology Testing Laboratory, Polytrauma (IPT71)140 NSF (13.1 NSM) a. Provide one if NOT [18-bed is authorized] b. Provide one at 170 NSF if [18-bed is authorized]
13.	IP BROS Treatment Room, Polytrauma (IPT73)520 NSF (48.4 NSM) a. Provide one if NOT [18-bed is authorized] b. Provide one at 670 NSF if [18-bed is authorized]
14.	IP Assistive Technology Laboratory, Polytrauma (IPT81)420 NSF (39.1 NSM) a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]
15.	IP Rehabilitation Engineering Room, Polytrauma (IPT83)240 NSF (22.3 NSM) a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]
16.	IP Assistive Technology Storage Room, Polytrauma (IPT85)240 NSF (22.3 NSM) a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]
17.	Polytrauma IP Speech-Language Pathologist Office,  Stff Sprt (SS 204)
18.	Polytrauma IP Housekeeping Aides Closet (HAC), Bldg Sprt (SB244)
FA	6: PRC PATIENT CARE UNIT STAFF AND ADMINISTRATIVE AREA
1.	Polytrauma IP Nurse Manager Office, Stff Sprt (SS204)
2.	Polytrauma IP Nurse Educator Workstation, Stff Sprt (SS218) 56 NSF (5.3 NSM) a. Provide one if NOT [18-bed is authorized] b. Provide two if [18-bed is authorized]
3.	Polytrauma IP Provider Office, Stff Sprt (SS204)
4.	Polytrauma IP Clinical Pharmacist Workstation, Stff Sprt (SS218)
	This is a shared office with a maximum of two FTEs per office. A consult room is also provided for private consultation.



F.

- 5. Polytrauma IP Clinical Dietician Workstation, Stff Sprt (SS218) ..... 56 NSF (5.3 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide two if [18-bed is authorized]

This is a shared office with a maximum of two FTEs per office. A consult room is also provided for private consultation

- 6. Polytrauma IP Military Liaison Workstation, Stff Sprt (SS218) ...... 56 NSF (5.3 NSM)
  - a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]
- 7. Polytrauma IP Team Room, Clncl Sprt (SC243)......180 NSF (16.8 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide one at 240 NSF if [18-bed is authorized]
- 8. Polytrauma IP Staff Conference Room, Educ Svc (SS101).....300 NSF (27.9 NSM)
  - a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]

Allocated NSF accommodates ten conference chairs @ 7.5 NSF each, four 5'-0" x 2'-0" tables at 10 NSF each, one credenza @ 8 NSF, and circulation; total ten people. This space also accommodates the Interdisciplinary Treatment Team requirements.

- 9. Polytrauma IP Staff Breakroom, Stff Sprt (SS262) ......200 NSF (18.6 NSM)
  - a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]
- 10. Polytrauma IP Staff Locker Room, Stff Sprt (SS282) ...... 100 NSF (9.3 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide one at 160 NSF if [18-bed is authorized]

This space should be located adjacent to the Staff Lounge.

- 11. Polytrauma IP Staff Toilet, Bldg Sprt (SB191)...... 60 NSF (5.6 NSM)
  - a. Provide one if NOT [18-bed is authorized]
  - b. Provide two if [18-bed is authorized]

Allocated NSF accommodates one accessible toilet @ 25 NSF, one wall-hung lavatory @ 12 NSF, ABA clearances, and circulation.

- 12. Polytrauma IP Staff Shower, Bldg Sprt (SB195)...... 70 NSF (6.6 NSM)
  - a. Provide one if NOT [18-bed is authorized] or [18-bed is authorized]

Allocated NSF accommodates one accessible shower @ 28 NSF, one accessible bench @ 16 NSF, ABA clearances, and circulation.

- 6 PRC-RCU INPUT DATA STATEMENTS (IDS)
  - A. Are two PRC Resident Care Units authorized? (M) (If No, one PRC Resident Care Unit will be provided)



#### 7 PRC-RCU SPACE PLANNING CRITERIA

The Polytrauma Rehabilitation Center (PRC) is organized in three patient units: Inpatient, Outpatient and Transitional Residential Rehabilitation, and common Reception, Staff and Administrative, and Education Areas. A PRC must have all three patient units.

### A. FA 7: PRC RESIDENT CARE UNIT RECEPTION AREA

Rooms provided in this Functional Area support the Polytrauma Transitional Rehabilitation Program (PTRP).

- 1. Polytrauma Resident Lobby, Bldg Sprt (SB111)......300 NSF (27.9 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized] or [two PRC Resident Care Units authorized]
- 2. Polytrauma Resident Reception, Clncl Sprt (SC183) ......260 NSF (24.2 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized] or [two PRC Resident Care Units authorized]

Allocated NSF accommodates two Receptionist FTEs, patient privacy area, and circulation.

- 3. Polytrauma Resident Waiting, Bldg Sprt (SB003) ......290 NSF (27.0 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized]
  - b. Provide one at 415 NSF if [two PRC Resident Care Units authorized]

Allocated space accommodates twelve standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total fourteen people.

- 4. Polytrauma Resident Family Waiting, Bldg Sprt (SB051).....125 NSF (11.7 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized] or [two PRC Resident Care Units authorized]

Allocated NSF accommodates one lounge chair @ 12 NSF, one 2-seat sofa at 32 NSF, one accessible space @ 10 NSF, and circulation; total four people. This space should be located adjacent and integrated to General Waiting.

- - a. Provide two if NOT [two PRC Resident Care Units authorized] or [two PRC Resident Care Units authorized]

Allocated NSF accommodates one bariatric toilet @ 25 NSF, one bariatric lavatory @ 21 NSF, ABA clearances, and circulation. Locate near General Waiting.

#### B. FA 8: PRC RESIDENT CARE UNIT RESIDENT UNIT AREA

Rooms provided in this Functional Area support the Polytrauma Transitional Rehabilitation Program (PTRP).

- 1. Resident Bedroom, Polytrauma (RPT01) ......250 NSF (23.3 NSM)
  - a. Provide ten if NOT [two PRC Resident Care Units authorized]
  - b. Provide twenty if [two PRC Resident Care Units authorized]
- 2. Resident Bathroom, Polytrauma (RPT02) ...... 70 NSF (6.6 NSM)
  - a. Provide five if NOT [two PRC Resident Care Units authorized]
  - b. Provide ten if [two PRC Resident Care Units authorized]

Allocated NSF accommodates one accessible counter lavatory @ 16 NSF, one walk-in bathtub @ 25 NSF, one accessible bench @ 16 NSF, ABA clearances, and circulation.

provided as part of PRC Acute Care, Outpatient Care or PTRP, a floor mounted toilet.

- 3. Apartment Living Room, Polytrauma (RPT11) ......200 NSF (18.6 NSM)
  - a. Provide two if NOT [two PRC Resident Care Units authorized]
  - b. Provide four if [two PRC Resident Care Units authorized]
- 4. Apartment Bedroom, Polytrauma (RPT12) ......175 NSF (16.3 NSM)
  - a. Provide two if NOT [two PRC Resident Care Units authorized]
  - b. Provide four if [two PRC Resident Care Units authorized]
- 5. Polytrauma Apartment Toilet / Shower, Bldg Sprt (SB180)...... 80 NSF (7.5 NSM)
  - a. Provide two if NOT [two PRC Resident Care Units authorized]
  - b. Provide four if [two PRC Resident Care Units authorized]

Allocated NSF accommodates one accessible counter lavatory @ 16 NSF, one walk-in bathtub @ 25 NSF, one accessible bench @ 16 NSF, ABA clearances, and circulation. This room is outfitted with a floor mounted toilet.

- 6. Apartment Kitchenette / Laundry, Polytrauma (RPT14) ......180 NSF (16.8 NSM)
  - a. Provide two if NOT [two PRC Resident Care Units authorized]
  - b. Provide four if [two PRC Resident Care Units authorized]
- 7. Apartment Storage Room, Polytrauma (RPT15) ...... 60 NSF (5.6 NSM)
  - a. Provide two if NOT [two PRC Resident Care Units authorized]
  - b. Provide four if [two PRC Resident Care Units authorized]

#### C. FA 9: PRC RESIDENT CARE UNIT SUPPORT AREA

Rooms provided in this Functional Area support the Polytrauma Transitional Rehabilitation Program (PTRP).

- 1. Polytrauma Nurse Station, Clncl Sprt (SC152)......180 NSF (16.8 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized]
  - b. Provide two if [two PRC Resident Care Units authorized]
- 2. Polytrauma Ward Clerk Workstation, Stff Sprt (SS218)...... 56 NSF (5.3 NSM)



	<ul><li>a. Provide one if NOT [two PRC Resident Care Units authorized]</li><li>b. Provide two if [two PRC Resident Care Units authorized]</li></ul>		
3.	Polytrauma Medication Room, Phrm Svc (SV583)		
4.	Polytrauma Clean Linen Room, EMS (SC471)		
5.	Polytrauma Clean Utility Room, Lgstcs Svc (SB737)		
6.	Polytrauma Soiled Utility Room, Lgstcs Svc (SB743)		
7.	Equipment Storage Room, Polytrauma (RPT22)		
	This space is outfitted with open shelving (for smaller medical equipment) and clear floor space for larger equipment like shower chairs, transfer boards, etc.		
8.	Resident Equipment Storage Room, Polytrauma (RPT23)120 NSF (11.2 NSM)  a. Provide one if NOT [two PRC Resident Care Units authorized]  b. Provide two if [two PRC Resident Care Units authorized]		
	Allocated NSF accommodates resident assistive equipment, chairs and wheelchairs storage.		
9.	Polytrauma Crash Cart Alcove, Clncl Sprt (SC052)		
10	b. Polytrauma Housekeeping Aides Closet (HAC), Bldg Sprt (SB244)		
Ro	FA 10: PRC RESIDENT CARE UNIT RESIDENT AND FAMILY SUPPORT AREA  Rooms provided in this Functional Area support the Polytrauma Transitional Rehabilitation Program (PTRP).		
1.	Resident Living Room, Polytrauma (RPT31)		

a. Provide one if NOT [two PRC Resident Care Units authorized]

b. Provide one at 600 NSF if [two PRC Resident Care Units authorized]

2. Resident Dining Room, Polytrauma (RPT33)......600 NSF (55.8 NSM)



D.

- a. Provide one if NOT [two PRC Resident Care Units authorized]
- b. Provide one at 800 NSF if [two PRC Resident Care Units authorized]
- 3. Resident Kitchen, Polytrauma (RPT35) ......360 NSF (33.5 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized]
  - b. Provide one at 400 NSF if [two PRC Resident Care Units authorized]
- 4. Resident Laundry Room, Polytrauma (RPT37) ......160 NSF (14.9 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized]
  - b. Provide one at 220 NSF if [two PRC Resident Care Units authorized]

#### E. FA 11: PRC RESIDENT CARE UNIT THERAPY AREA

Rooms provided in this Functional Area support the Polytrauma Transitional Rehabilitation Program (PTRP).

- 1. Resident Rehabilitation Therapy Room,

  - a. Provide one if NOT [two PRC Resident Care Units authorized]
  - b. Provide one at 1,800 NSF if [two PRC Resident Care Units authorized]

This space is provided for PT, OT, KT and RT patient therapy.

- 2. Resident PT / OT Evaluation Room, Polytrauma (RPT43) ..........180 NSF (16.8 NSM)
  - a. Provide two if NOT [two PRC Resident Care Units authorized]
  - b. Provide four if [two PRC Resident Care Units authorized]
- 3. Polytrauma Therapy Team Room, Clncl Sprt (SC243)......180 NSF (16.8 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized]
  - b. Provide one at 240 NSF if [two PRC Resident Care Units authorized]

This is a shared team room to accommodate the workspace requirement for Physical Therapists (PT), Occupational Therapists (OT), Recreational Therapists (RT) and Kinesiologists (KT).

- 4. Polytrauma Resident Therapy Consult Room,
  - Clncl Sprt (SC271)......140 NSF (13.1 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized]
  - b. Provide two if [two PRC Resident Care Units authorized]

This space is provided for private patient consultation.

- 5. Resident Recreational Computer Activity Room,
  - Polytrauma (RPT52) ......200 NSF (18.6 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized]
  - b. Provide one at 260 NSF if [two PRC Resident Care Units authorized]
- 6. Resident Assistive Technology Laboratory,
  - Polytrauma (RPT54) .......420 NSF (39.1 NSM)
  - a. Provide one if NOT [two PRC Resident Care Units authorized]
  - b. Provide one at 520 NSF if [two PRC Resident Care Units authorized]



	7.	Resident Assistive Technology Equipment Storage Room, Polytrauma (RPT61)		
F.	Ro	12: PRC RESIDENT CARE UNIT STAFF AND ADMINISTRATIVE AREA oms provided in this Functional Area support the Polytrauma Transitional habilitation Program (PTRP).		
	1.	Polytrauma Nurse Manager Office, Stff Sprt (SS204)		
	2.	Polytrauma Psychiatrist Office, Stff Sprt (SS203)		
	3.	Polytrauma Provider Office, Stff Sprt (SS204)		
	4. Polytrauma Speech-Language Pathologist Office,			
		a. Provide one if NOT [two PRC Resident Care Units authorized] b. Provide two if [two PRC Resident Care Units authorized]		
	5.	Polytrauma Staff Conference Room, Educ Svc (SS101)240 NSF (22.3 NSM)  a. Provide one if NOT [two PRC Resident Care Units authorized] or [two PRC Resident Care Units authorized]		
		Allocated NSF accommodates six conference chairs @ 7.5 NSF each, two $5'$ - $0''$ x $2'$ - $0''$ tables at 10 NSF each, one credenza @ 8 NSF, and circulation; total six people.		
	6.	Polytrauma Staff Breakroom, Stff Sprt (SS262)200 NSF (18.6 NSM)  a. Provide one if NOT [two PRC Resident Care Units authorized]  b. Provide one at 280 NSF if [two PRC Resident Care Units authorized]		
	7.	Polytrauma Staff Locker Room, Stff Sprt (SS282)		
		This space should be located adjacent to the Staff Lounge.		
	8.	Polytrauma Female Staff Toilet, Bldg Sprt (SB202)		
		This space should be located adjacent to the Staff Lounge.		
	9.	Polytrauma Male Staff Toilet, Bldg Sprt (SB203) 60 NSF (5.6 NSM) a. Provide two if NOT [two PRC Resident Care Units authorized]		



b. Provide four if [two PRC Resident Care Units authorized]

This space should be located adjacent to the Staff Lounge.

## 8 PRC-OUTPATIENT INPUT DATA STATEMENTS (IDS)

- A. How many annual Polytrauma Individual clinic stops (Stop Code 197) are projected? (W) (Values: 384 to 11,520)
- B. How many annual Electromyography (EMG) Testing clinic stops (Stop Code 212) are projected? (W) (Values: 320 to 6,400)
- C. How many annual Chiropractic Care clinic stops (Stop Code 436) are projected? (W) (Values: 427 to 8,532)

#### 9 PRC-OUTPATIENT SPACE PLANNING CRITERIA

The Polytrauma Rehabilitation Center (PRC) is organized in three patient units: Inpatient, Outpatient and Transitional Residential Rehabilitation, and common Reception, Staff and Administrative, and Education Areas. A PRC must have all three patient units.

#### A. FA 13: OUTPATIENT UNIT RECEPTION AREA

- 1. Polytrauma OP Reception, Clncl Sprt (SC183) ...... 85 NSF (7.9 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide one at 260 NSF if [OP exam rooms] is between 7 and 14

Allocated NSF accommodates two Receptionist FTEs, patient privacy area, and circulation. This space accommodates patient check-in and scheduling activities

- 2. Polytrauma OP Patient Check-in Kiosk, Clncl Sprt (SC165) ...... 55 NSF (5.2 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide two if [OP exam rooms] is between 7 and 14

Allocated NSF accommodates two Display Kiosks, patient privacy area, and circulation. This space accommodates a patient self-check-in terminal with room for an accompanying caregiver.

- 3. Polytrauma OP Waiting, Bldg Sprt (SB003) ...... 100 NSF (9.3 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide one at 330 NSF if [OP exam rooms] is between 7 and 8
  - c. Provide one at 415 NSF if [OP exam rooms] is between 9 and 10
  - d. Provide one at 465 NSF if [OP exam rooms] is between 11 and 12
  - e. Provide one at 540 NSF if [OP exam rooms] is between 13 and 14

Allocated space accommodates twelve standard chairs @ 9 NSF each, one bariatric chair @ 14 NSF, one accessible space @ 10 NSF, and circulation; total fourteen people. This space should be located adjacent to the patient entrance and under visual control of Receptionist.

- 4. Polytrauma OP Family Waiting, Bldg Sprt (SB051) ......125 NSF (11.7 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6



b. Provide one at 200 NSF if [OP exam rooms] is between 7 and 14

Allocated NSF accommodates one lounge chair @ 12 NSF, one 2-seat sofa at 32 NSF, one accessible space @ 10 NSF, and circulation; total four people. This space should be located adjacent and integrated to General Waiting.

- 5. OP Dayroom, Polytrauma (OPT01) ......180 NSF (16.8 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide one at 200 NSF if [OP exam rooms] is between 7 and 10
  - c. Provide one at 240 NSF if [OP exam rooms] is between 11 and 14

Patient Dayroom is a patient lounge area for socialization and waiting between appointments.

- 6. Polytrauma OP Bariatric Patient Toilet, Bldg Sprt (SB163) ...... 75 NSF (7.0 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide two if [OP exam rooms] is between 7 and 14

Allocated NSF accommodates one bariatric toilet @ 25 NSF, one bariatric lavatory @ 21 NSF, ABA clearances, and circulation. Locate near General Waiting.

#### **B. FA 14: OUTPATIENT UNIT PATIENT AREA**

- 1. OP Exam Room, Polytrauma (OPT11) ......140 NSF (13.1 NSM)
  - a. Provide two if [Polytrauma Individual clinic stops (Stop Code 197) projected] is between 384 and 3,840
  - b. Provide three if [Polytrauma Individual clinic stops (Stop Code 197) projected] is between 3,841 and 5,760
  - c. Provide four if [Polytrauma Individual clinic stops (Stop Code 197) projected] is between 5,761 and 7,680
  - d. Provide five if [Polytrauma Individual clinic stops (Stop Code 197) projected] is between 7,681 and 9,600
  - e. Provide six if [Polytrauma Individual clinic stops (Stop Code 197) projected] is between 9,601 and 11,520
- 2. OP EMG Exam Room, Polytrauma (OPT13)......160 NSF (14.9 NSM)
  - a. Provide one if [Electromyography (EMG) Testing clinic stops (Stop Code 212) projected] is between 320 and 1,600
  - b. Provide two if [Electromyography (EMG) Testing clinic stops (Stop Code 212) projected] is between 1,601 and 3,200
  - c. Provide three if [Electromyography (EMG) Testing clinic stops (Stop Code 212) projected] is between 3,201 and 4,800
  - d. Provide four if [Electromyography (EMG) Testing clinic stops (Stop Code 212) projected] is between 4,801 and 6,400
- 3. OP Chiropractic Exam Room, Polytrauma (OPT14) ......160 NSF (14.9 NSM)
  - a. Provide one if [Chiropractic Care clinic stops (Stop Code 436) projected] is between 427 and 2,133



- b. Provide two if [Chiropractic Care clinic stops (Stop Code 436) projected] is between 2,134 and 4,266
- c. Provide three if [Chiropractic Care clinic stops (Stop Code 436) projected] is between 4,267 and 6,399
- d. Provide four if [Chiropractic Care clinic stops (Stop Code 436) projected] is between 6,400 and 8,532

## 4. OP Cognitive Therapy / Counseling Room,

Polytrauma (OPT12)......140 NSF (13.1 NSM)

a. Provide two if [OP exam rooms] is between 4 and 14

Quiet interviewing and treatment space for Psychology / Neuropsychology.

- 5. OP Procedure Room, Polytrauma (OPT15) ......350 NSF (32.6 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14

Pain management and spinal injections administered in this room.

- 6. OP Group Room, Polytrauma (OPT16)......240 NSF (22.3 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 8
  - b. Provide two if [OP exam rooms] is between 9 and 14
- 7. OP Telehealth Room, Polytrauma (OPT17) ......120 NSF (11.2 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 8
  - b. Provide two if [OP exam rooms] is between 9 and 14

This can be a dual function space for Tele-health and private consultation for the Clinical Staff if not conducted in examor treatment rooms.

#### C. FA 15: OUTPATIENT UNIT SUPPORT AREA

- 1. Polytrauma OP Nurse Station, Clncl Sprt (SC152) ......120 NSF (11.2 NSM)
  - a. Provide one if [OP exam rooms] is 4
  - b. Provide one at 180 NSF if [OP exam rooms] is between 5 and 8
  - c. Provide one at 240 NSF if [OP exam rooms] is between 9 and 12
  - d. Provide one at 300 NSF if [OP exam rooms] is between 13 and 14
- 2. Polytrauma OP Medication Room, Phrm Svc (SV583) ...... 80 NSF (7.5 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 8
  - b. Provide one at 100 NSF if [OP exam rooms] is between 9 and 14
- 3. Polytrauma OP Clean Linen Room, EMS (SC471) ...... 80 NSF (7.5 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 8
  - b. Provide one at 100 NSF if [OP exam rooms] is between 9 and 14
- - a. Provide one if [OP exam rooms] is between 4 and 8
  - b. Provide one at 100 NSF if [OP exam rooms] is between 9 and 14
- 5. Polytrauma OP Soiled Utility Room, Lgstcs Svc (SB743) ...... 80 NSF (7.5 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 8



- b. Provide one at 100 NSF if [OP exam rooms] is between 9 and 14
- 6. OP Equipment Storage Room, Polytrauma (OPT22)...... 100 NSF (9.3 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 8
  - b. Provide one at 120 NSF if [OP exam rooms] is between 9 and 14
- - a. Provide one if [OP exam rooms] is between 4 and 8
  - b. Provide two if [OP exam rooms] is between 9 and 14
- - a. Provide one if [OP exam rooms] is between 4 and 14

#### D. FA 16: OUTPATIENT UNIT THERAPY AREA

- 1. OP Driver Training Room, Polytrauma (OPT31) ......460 NSF (42.8 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14

Allocated NSF accommodates workspace for Driver Training Staff and simulator equipment.

- 2. OP Living Skills Training Room, Polytrauma (OPT32) ......300 NSF (27.9 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14
- 3. OP Gait Observation Laboratory, Polytrauma (OPT33) ......600 NSF (55.8 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14
- 4. OP Gait Observation Storage Room, Polytrauma (OPT34) .......200 NSF (18.6 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14

This room will accommodate a server rack to operate the motion analysis machine as well as provide space for general storage.

- 5. OP Gait Laboratory Exam Room, Polytrauma (OPT35)......160 NSF (14.9 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14

This room serves as a patient changing and patient preparation area for gait studies. It will also serve as a family (or support person) waiting space during patient examination.

- 6. OP Rehabilitation Therapy Room, Polytrauma (OPT36)......3,800 NSF (353.1 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14
- 7. OP PT / OT Evaluation Room, Polytrauma (OPT37).....180 NSF (16.8 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14

This space is provided for private patient consultation.

- 8. Polytrauma OP PRC OP Team Room, Clncl Sprt (SC243)......180 NSF (16.8 NSM)
  - a. Provide one if [OP exam rooms] is 4
  - b. Provide one at 240 NSF if [OP exam rooms] is between 5 and 10



c. Provide one at 300 NSF if [OP exam rooms] is between 11 and 14

This is a shared team room to accommodate the workspace requirement for Physical Therapists (PT), Occupational Therapists (OT) and Kinesiologists (KT).

- 9. Polytrauma OP Therapy Consult Room, Clncl Sprt (SC271) ......140 NSF (13.1 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide two if [OP exam rooms] is between 7 and 14

This space is provided for private patient consultation.

- 10. OP Speech Therapy Laboratory, Polytrauma (OPT42)......300 NSF (27.9 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14
- 11. OP Patient Balance Testing Room, Polytrauma (OPT43) ......200 NSF (18.6 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14
- 12. OP Vestibular Room, Polytrauma (OPT44) ......200 NSF (18.6 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14
- 13. OP Recreational Therapy Room, Polytrauma (OPT45) ......500 NSF (46.5 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14
- 14. OP Recreation Therapy Equipment Storage Room,

Polytrauma (OPT46)......200 NSF (18.6 NSM)

- a. Provide one if [OP exam rooms] is between 4 and 14
- 15. OP Recreational Therapist Treatment Station,

Polytrauma (OPT47)...... 56 NSF (5.3 NSM)

- a. Provide two if [OP exam rooms] is between 4 and 6
- b. Provide three if [OP exam rooms] is between 7 and 10
- c. Provide four if [OP exam rooms] is between 11 and 14
- 16. OP BROS Treatment / Office, Polytrauma (OPT48) ......520 NSF (48.4 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14

#### E. FA 17: OUTPATIENT UNIT STAFF AND ADMINISTRATIVE AREA

- 1. Polytrauma OP Nurse Manager Office, Stff Sprt (SS204).............. 100 NSF (9.3 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14
- 2. Polytrauma OP Physiatrist Office, Stff Sprt (SS203) ......130 NSF (12.1 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide two if [OP exam rooms] is between 7 and 14
- 3. Polytrauma OP Provider Office, Stff Sprt (SS204) ...... 100 NSF (9.3 NSM)
  - a. Provide two if [OP exam rooms] is 4
  - b. Provide three if [OP exam rooms] is between 5 and 6
  - c. Provide four if [OP exam rooms] is between 7 and 10
  - d. Provide five if [OP exam rooms] is between 11 and 14
- 4. Polytrauma OP Speech-Language Pathologist Office,



Stff Sprt (SS204) ...... 100 NSF (9.3 NSM)

- a. Provide one if [OP exam rooms] is 4
- b. Provide two if [OP exam rooms] is between 5 and 14

This space serves as office space and patient therapy space.

- 5. Polytrauma OP Nurse Case Manager Office, Stff Sprt (SS204)..... 100 NSF (9.3 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide two if [OP exam rooms] is between 7 and 14
- 6. Polytrauma OP Military Liaison Workstation, Stff Sprt (SS218)...... 56 NSF (5.3 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 14
- 7. Polytrauma OP Staff Conference Room, Educ Svc (SS101) ........240 NSF (22.3 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide one at 300 NSF if [OP exam rooms] is between 7 and 14

Allocated NSF accommodates six conference chairs @ 7.5 NSF each, two 5'-0" x 2'-0" tables at 10 NSF each, one credenza @ 8 NSF, and circulation; total six people.

- 8. Polytrauma OP Staff Breakroom, Stff Sprt (SS262) ......200 NSF (18.6 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide one at 300 NSF if [OP exam rooms] is between 7 and 14
- 9. Polytrauma OP Female Staff Locker Room, Stff Sprt (SS232) ...... 100 NSF (9.3 NSM)
  - a. Provide one if [OP exam rooms] is 4
  - b. Provide one at 140 NSF if [OP exam rooms] is between 5 and 10
  - c. Provide one at 180 NSF if [OP exam rooms] is between 11 and 14

This space should be located adjacent to the Staff Lounge.

- 10. Polytrauma OP Female Staff Toilet, Bldg Sprt (SB202) ................ 60 NSF (5.6 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide two if [OP exam rooms] is between 7 and 14

Allocated NSF accommodates one accessible toilet @ 25 NSF, one wall-hung lavatory @ 12 NSF, ABA clearances, and circulation.

- 11. Polytrauma OP Male Staff Locker Room, Stff Sprt (SS241)........... 100 NSF (9.3 NSM)
  - a. Provide one if [OP exam rooms] is 4
  - b. Provide one at 140 NSF if [OP exam rooms] is between 5 and 10
  - c. Provide one at 180 NSF if [OP exam rooms] is between 11 and 14

This space should be located adjacent to the Staff Lounge.

- 12. Polytrauma OP Male Staff Toilet, Bldg Sprt (SB203) ...... 60 NSF (5.6 NSM)
  - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide two if [OP exam rooms] is between 7 and 14

Allocated NSF accommodates one accessible toilet @ 25 NSF, one wall-hung lavatory @ 12 NSF, ABA clearances, and circulation.



## F. FA 18: PRC STAFF AND ADMINISTRATIVE AREA

a. Provide one
2. Polytrauma PRC Administrative Officer (AO) Office,
Stff Snrt (SS 204)
100 NSE (9.3 NSM)

1. Polytrauma PRC Director Office, Stff Sprt (SS204) ...... 100 NSF (9.3 NSM)

- 3. Polytrauma PRC Administrative Assistant Workstation,

Stff Sprt (SS218) ...... 56 NSF (5.3 NSM)

- a. Provide one if [OP exam rooms] is between 4 and 6
- b. Provide two if [OP exam rooms] is between 7 and 14
- - a. Provide one
- - a. Provide one
- - a. Provide one
- 7. Polytrauma PRC PTRP Unit Director Office, Stff Sprt (SS204) ...... 100 NSF (9.3 NSM) a. Provide one
- - a. Provide one
- 10. Polytrauma PRC Outpatient Medical Director Office,

Stff Sprt (SS 204) ...... 100 NSF (9.3 NSM)

- a. Provide one
- - a. Provide one
- - a. Provide one if [OP exam rooms] is between 4 and 6
  - b. Provide two if [OP exam rooms] is between 7 and 14
- 13. Polytrauma PRC Copy Room / Mail Distribution,



Lgstcs Svc (SB658)	100	<b>NSF (9.3</b>	NSM)
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- a. Provide one if [OP exam rooms] is 4
- b. Provide one at 120 NSF if [OP exam rooms] is between 5 and 14

## 14. Polytrauma PRC Staff Conference Room, Educ Svc (SS101)......300 NSF (22.3 NSM)

- a. Provide one if [OP exam rooms] is 4
- b. Provide one at 500 NSF if [OP exam rooms] is between 5 and 6
- c. Provide one at 675 NSF if [OP exam rooms] is between 7 and 14

Allocated NSF accommodates ten conference chairs @ 7.5 NSF each, four 5'-0" x 2'-0" tables at 10 NSF each, one credenza @ 8 NSF, and circulation; total ten people.

#### G. FA 19: EDUCATION AREA

- - a. Provide four if [OP exam rooms] is 4
  - b. Provide six if [OP exam rooms] is between 5 and 6
  - c. Provide seven if [OP exam rooms] is between 7 and 14
- 3. Polytrauma PRC Resident Training Room, Educ Svc (SS111) ......300 NSF (27.9 NSM)
  - a. Provide one if [OP exam rooms] is 4
  - b. Provide one at 545 NSF if [OP exam rooms] is between 5 and 14

Allocated NSF accommodates ten conference chairs @ 7.5 NSF each, four 5'-0" x 2'-0" tables at 10 NSF each, one credenza @ 8 NSF, and circulation; total ten people.

#### H. SEPS IMPORTER SHORTCUTS

The following shortcuts are used in the Room Criteria Statements in the Polytrauma Rehabilitation Center (PRC) Functional Areas. These shortcuts are used during upload of this document into the Space and Equipment Planning System (SEPS) software during implementation of the space planning parameters contained herewith to allow for mathematical or logical calculations to be performed. Input Data Statements (IDSs), Rooms or a partial calculation formula can have a shortcut.

- 18-bed is authorized: [Is an 18-bed PRC Patient Care Unit authorized? (M) (If not, a 12-bed PRC Patient Care Unit will be provided)]
- 2. two PRC Resident Care Units authorized: [Are two PRC Resident Care Units authorized? (M) (If No, one PRC Resident Care Unit will be provided)]
- 3. Polytrauma Individual clinic stops (Stop Code 197) projected: [How many annual Polytrauma Individual clinic stops (Stop Code 197) are projected?]
- 4. Electromyography (EMG) Testing clinic stops (Stop Code 212) projected: [How many annual Electromyography (EMG) Testing clinic stops (Stop Code 212) are projected?]



- 5. Chiropractic Care clinic stops (Stop Code 436) projected: [How many annual Chiropractic Care clinic stops (Stop Code 436) are projected?]
- 6. *OP exam rooms*: [OP Exam Room, Polytrauma (OPT11)] + [OP EMG Exam Room, Polytrauma (OPT13)] + [OP Chiropractic Exam Room, Polytrauma (OPT14)]

#### 10 PLANNING AND DESIGN CONSIDERATIONS

- A. For efficiency in programming and planning combine and co-locate waiting, reception and restroom functions and spaces of related services/departments.
- B. Polytrauma Rehabilitation Outpatient Services should be located near the main entrance to the facility in order to decrease the travel distance for patients with mobility limitations.
- C. Other services including Ambulatory Care, Day Hospital, Day Treatment Center, Dialysis Center, Mental Hygiene Clinic, Substance Abuse Patient Care Units, MS&S Patient Care Units, Nursing Home Care, Psychiatric Patient Care Units, Respiratory Patient Care Units, Psychiatric Service Administration, Social Work Service Administration, Recreation, Audiology and Speech Pathology, Eye Clinic, Pain Clinic Voluntary Service have a direct relationship to Polytrauma Rehabilitation Services, but may be more remotely located from each other.
- D. Physical Therapy, Occupational Therapy and Kinesiotherapy provided as part of PRC Acute Care, Outpatient Care or PTRP, should be co-located, and efficiencies may be achieved through the use of shared space and equipment.
- E. Refer to Department of Veterans Affairs (VA) Office of Construction and Facilities Management Technical Information Library (<a href="www.cfm.va.gov/til/">www.cfm.va.gov/til/</a>) for additional technical criteria.



## 11 FUNCTIONAL RELATIONSHIPS

Relationship of Polytrauma to services listed below:

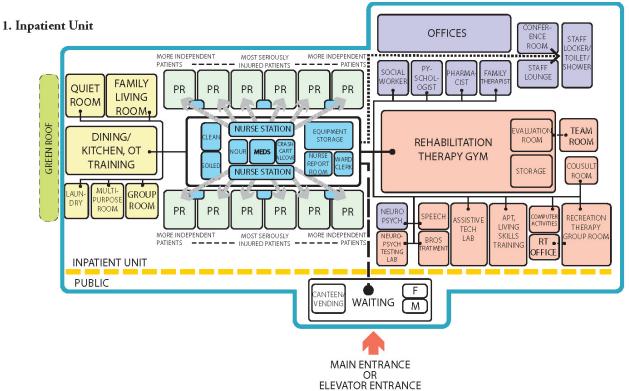
**TABLE 1: FUNCTIONAL RELATIONSHIP MATRIX** 

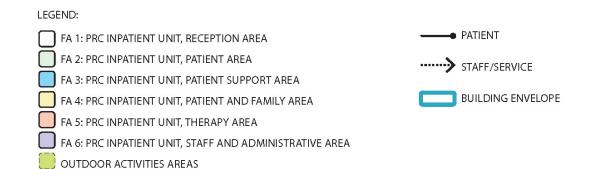
SERVICES	FUNCTIONAL RELATIONSHIP
VET SPRT: F&N Svc: Main Kitchen: Patient Tray Service	2
CLNCL SPRT: EMS: Production	2
CLNCL: PMR Svc: Physical Therapy (PT)	2
CLNCL: PMR Svc: Occupational Therapy (OT)	2
CLNCL: PMR Svc: Kinesiotherapy (KT)	2
CLNCL: PMR Svc: Recreation Therapy (RT)	2
CLNCL: Rec Thrpy: Creative Arts	2
CLNCL: Rec Thrpy: Self-Directed	2
CLNCL: PMR Svc: Aquatic Therapy (AT)	2
CLNCL: PMR Svc: Activities of Daily Living (ADL)	2
CLNCL: PMR Svc: Prosthetics	2
CLNCL: PMR Svc: Assistive Technology (ATech)	2
VET SPRT: Social Work	3
VET SPRT: Chaplain Svc: Worship	3
BLDG SPRT: ENG: Engineering Service (all specialties)	3
BLDG SPRT: Logstcs Svc: Warehouse	3
CLNCL SPRT: Nursing Service Administration	3
BLDG SPRT: Logstcs Svc: Postal / Mail Service	3
CLNCL SPRT: EMS: Administration	3
STFF SPRT: HAS: Ward Administration Section (WAS)	3
CLNCL: Audiology	3
CLNCL: Speech Language Pathology	3
CLNCL: PMR Svc: Driver Training (DT)	3
VET SPRT: VC Svc: Retail Store	3

## Legend:

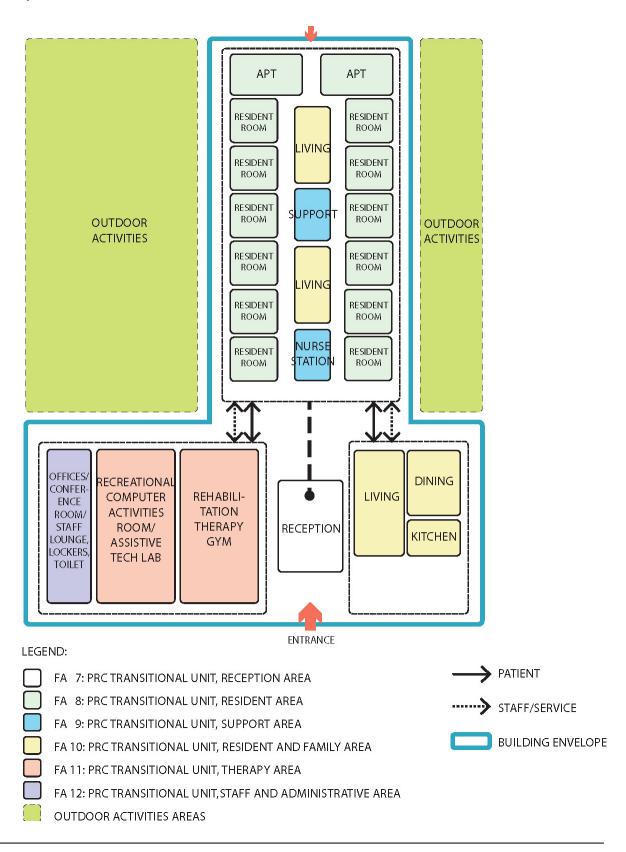
- 1. High
- 2. Moderate
- 3. Minimal

# 12 FUNCTIONAL DIAGRAM Polytrauma Patient Care Unit



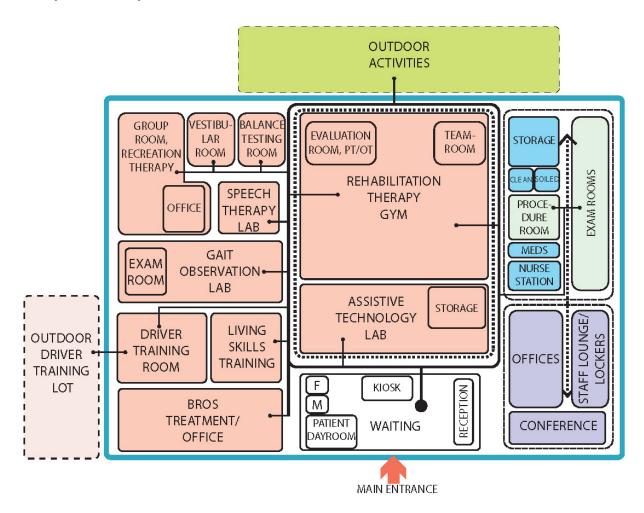


## **Polytrauma Resident Care Unit**





#### **Polytrauma Outpatient**



## LEGEND:

