



Department of
Veterans Affairs

Office of Construction & Facilities Management

3. Guideplates, Data & RCPs



SPINAL CORD INJURY/ DISORDERS CENTER

3. GUIDEPLATES DATA SHEETS AND REFLECTED CEILING PLANS

* The extent of changes from the 2008 manual to the 2011 version are limited to minor HVAC changes (temperature, humidity, etc.) found in the HVAC section of the design plates. The architectural and electrical requirements remain the same.

3.1 Guideplate Notes and Symbols

3.1.1 Architectural Notes

1. Applicable Codes: See Part 2.0, Section 2.1 - Codes, Standards and Executive Orders.
2. All new construction and all renovated sleeping areas shall be fully protected by an automatic sprinkler system. Project-specific conditions may apply that require sprinkling of renovation in non-sleeping areas as well.
3. See Environmental Graphics Design Program Guide (Signage Manual).
4. The datasheets which accompany each Guideplate list equipment in the following format:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		

Table 2-1

The legend for the Equipment Tables is as follows:

SYMBOL – From VA Equipment Guide.

A - Quantity of equipment in Intensive Rehab/Sustaining Care Nursing Units.

B - Quantity of equipment in SCI/D Unit.

C - This column is Not Applicable unless indicated.

D - This column is Not Applicable unless indicated.

AI - Procurement/Installation responsibility.

DESCRIPTION – Detailed specification of equipment.

5. When producing architectural drawings for the VA, designers should follow VHA CAD Standard Detail 00000-1.DWG (PG-18-4) which outlines the accepted symbols for designating equipment with regard to accountability as to procurement and installation responsibilities.
6. Provide reinforcement behind automatic door push plates.

3.1.2 Hardware Schedule

All locks and latch sets in the Spinal Cord Injury/Disorders Center are to have Lever Handles similar to Schlage Model 03. Hardware sets correspond to VA Master Construction Specifications, Section 08710, Builder's Hardware, except as noted*. Refer to Section 08721 for Automatic Door Operators.

HW 5

Butts as required
Door Pull
Push Plate
Closer C02051
Roller Latch

HW 7

Butts as required
Latch F01 or F75

HW 12

Butts as required
Push/Pull plate J300
Arm pull double base J400
Closer C02051

HW 13

Butts as required
Lock F07 or F86

HW 14

Butts as required
Lock F02 or F76
Provide Emergency Key
Provide turn piece on
both sides of lock

HW 18

Butts as required
Lock F02 or F76
Provide Emergency Key

HW 19

Butts as required
Lock F13 or F82

HW 23

Butts as required
Lock F04 or F81

HW 25

Butts as required
Lock F05 or F84

HW 43

Butts as required
Lock F07 and F86
Closer C02051

HW 45

Butts as required
Lock F04 or F81
Closer C02011

HW 53

Butts as required
Lock F04 or F81
Closer C02051
Armor Plate

HW 67

Butts as required
Lock F17 or E16071
Door Pull
Push/Pull plate J300
Closer C02051

HW 69

Butts as required
Lock F17 or E16071
Door Pull
Push/Pull plate J300
Closer C02051

Armor Plate

HW 82

Butts as required

Lock F17 or E16071

2 Flush bolts

2 Door pulls

2 Push/Pull plates J300

2 Closers C02011

2 Holders C22511

2 Armor Plates

*HW 100

2 Door Pulls J400

for Automatic Door Operator

see Spec. Section 08721

(Horton 8700 series)

*HW 101

2 Door Pulls J400

for Automatic Door Operator

see Spec. Section 08721

HW 106

Offset pivot set C17111

Intermediate pivot C17311

Lock E16071

Door Pull

Push/Pull plate J300

Closer LCN 4010

Armor Plate

Holder C22511

HW 156

Panic Bolt, (Van Duprin 3347 TP x 3347 EO)

Delete bottom latch bolt.

for automatic door operator

see Spec. Section 08721

HW 157

Butts as required (Hospital Tip)

Lockset (Unican Lock Co.)

1001 mechanical lock w/ 5 button combination and $\frac{3}{4}$ " (19mm) throw latchbolt

Lock E16071 w/ $\frac{3}{4}$ " (19mm) throw deadbolt

Mount deadlock at 60" (1500mm) to centerline of strike from finish floor on this hardware set only

Closer C02011

Flush Bolts: Ives 454 by 12" (300mm) for pairs of doors

3.1.3 Structural Notes

1. In order to provide a flexible design, allowing for certain range of occupancy changes in the future, a generalized live load of 80 psf (.039 kg/sq.cm) applied over the entire SCI/D area should satisfy various combinations of occupancies listed in this Design Guide.
2. Where occupancy load requirements or concentrated equipment loads exceed the equivalent generalized live loads, the areas in question shall be designed to meet the specific conditions.
3. An allowance of 20 psf (.0097 kg/sq.cm) shall be made for partitions on all floor areas in addition to all other loads.
4. See VA Handbook H-18-8, "Seismic Design Requirements," to determine seismic design requirements.

3.1.4 Electrical Notes

1. Coordinate Electrical requirements with the VA Electrical Design Manual for Hospital Projects, where requirements for Essential Electrical System can be found.
2. Refer to VA Standard Details PG-18-4 for Electrical details, symbols and Abbreviations.
3. While not shown in the SCI/D Design Guide, electrical and communications closets should be provided as per PG-18-3, Topic 8.

3.1.5 HVAC Notes*





























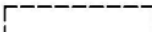

1. Coordinate the HVAC requirements with the VA HVAC Design Manual for Hospital Projects, where more detailed information can be found.
2. Location and type and quantity of diffusers, grilles, registers, thermostats, etc., shall be modified to meet project specific requirements. Note that a ceiling radiant panel system would significantly affect the ceiling layout, including the lighting system.
3. Minimum air changes shall be as indicated or higher as determined by cooling loads, exhaust requirements, or judgment of design engineer with approval by VA. Minimum outdoor air shall be as indicated but not less than 15% of the supply air, and in accordance with the latest edition of ASHRAE Standard 62.
4. Any variation from information shown herein is subject to VA approval.
5. Refer to K-1300 Series Hoods, Specification Section 233813, Commercial Kitchen Hoods (PG-18-1)
6. See VA's HVAC Design Manual for Hospital Projects (PG-18-10) for supplementary perimeter heating.

** Notes shall apply for all spaces, where applicable*

3.1.6 Abbreviations

A	Amps
A.F.F.	Above Finished Floor
AF	After Filter
AI	Acquisition and Installation
AR	As Required
CF	Construction Funds, Veterans Affairs Furnished, Installed by VA or Contractor
CC	Contractor Furnished and Installed, Construction Funds
CT	Corrective Therapy
CRS	Corrosion-Resisting Steel
ES	Equipment Symbol
FC	Foot Candle
FPS	Fire Protection System
GWB	Gypsum Wall Board
MCS	Master Construction Specifications
NFPA	National Fire Protection Association
NR	Not Required
NSF	Net Square Feet
NSM	Net Square Meters
OT	Occupational Therapy
PBPU	Patient Bedside Power Unit
PF	Pre-Filter
PT	Physical Therapy
RCP	Reflected Ceiling Plan
RH	Relative Humidity
SCI/DC	Spinal Cord Injury/Disorders Center
SD	Standard Detail, see PG-18-4
SS	Stainless Steel
V	Volts
VC	Veterans Affairs Furnished Contractor Installed, Medical Care Funds for Purchase, Construction Funds for Installation
VV	Veterans Affairs Furnished and Installed,
W	Watts

3.1.7 Symbols

	GFI	GROUND FAULT INTERRUPTOR		WALL MOUNTED CLOCK
	J	JUNCTION BOX		NURSE CALL STAFF STATION
	H	HUMIDISTAT		NURSE CALL LIGHT
	T	THERMOSTAT		FIRE EXTINGUISHER
		NIGHT LIGHT		FIRE ALARM/MANUAL PULL STATION
	N _{ces}	NURSE CALL EMERGENCY STATION		FIRE ALARM/AUDIO-VISUAL DEVICE
	N _e	NURSE CALL EMERGENCY STATION		HOSPITAL RADIO TUNER/ VOLUME CONTROL
	N _d	NURSE CALL DUTY STATION	b	VACUUM BOTTLE BRACKET
		SPEAKER	a	COMPRESSION AIR OUTLET
		INCANDESCENT LIGHT FIXTURE/ DOWN LIGHT (NIGHT LIGHT)	o	OXYGEN OUTLET
		1' x 4' FLUORESCENT FIXTURE	V	VACUUM OUTLET *
		2' x 4' FLUORESCENT LIGHT FIXTURE		TELEPHONE JACK
		2' x 2' FLUORESCENT LIGHT FIXTURE		TELEVISION CABLE OUTLET
		HVAC SUPPLY/LINEAR DIFFUSER		DUPLEX RECEPTACLE
		HVAC SUPPLY/OUTDOOR AIR DIFFUSER		QUADRAPLEX RECEPTACLE
		HVAC RETURN/EXHAUST REGISTER	\$	SINGLE POLE SWITCH
		EXIT LIGHT	\$₃	THREE WAY SWITCH
		UNDER CABINET TASK LIGHT		FLOOR MOUNTED RECEPTACLE

3.2 Interior Guideplates*

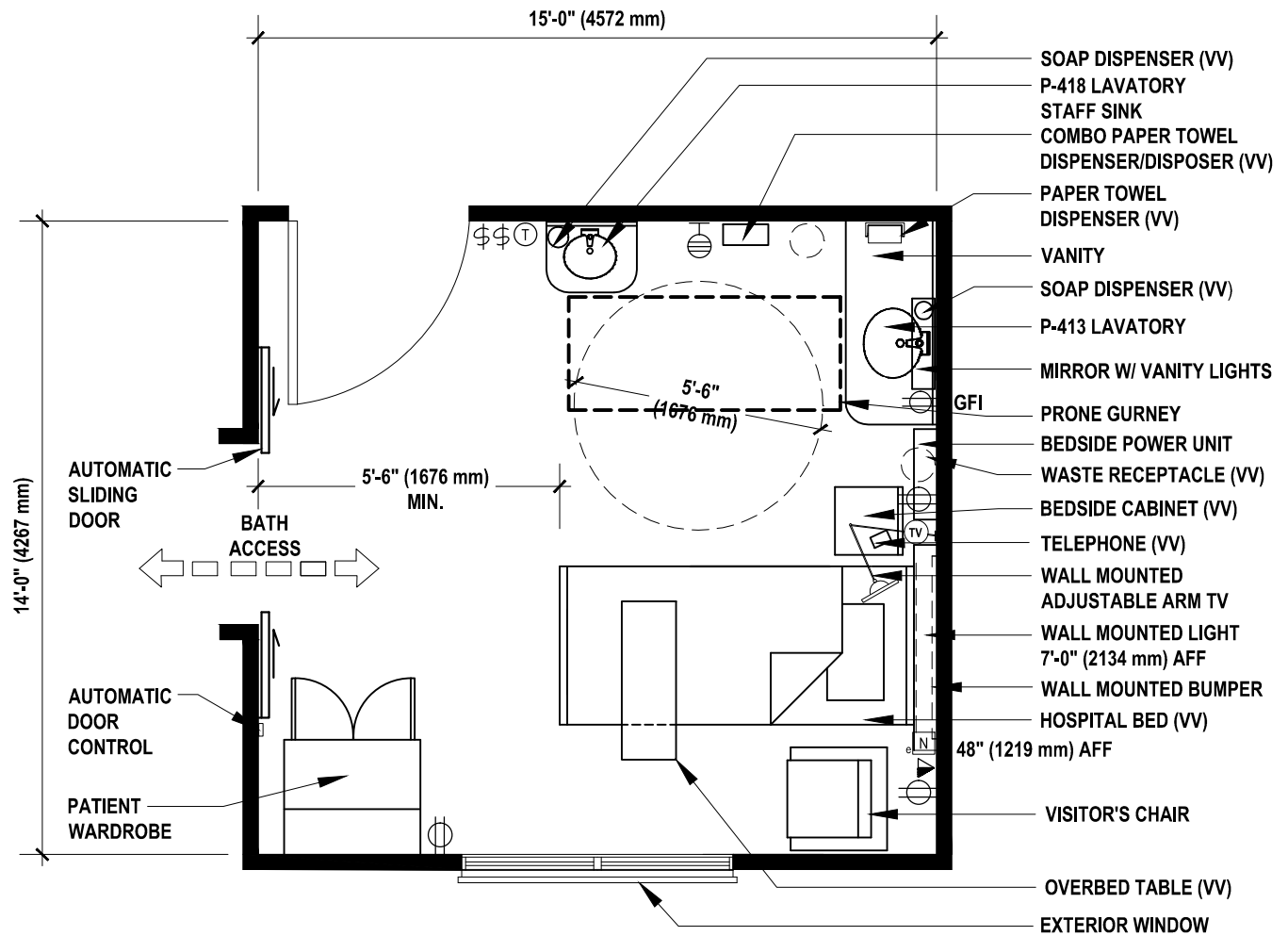
1. Acute Care One-Bed Room (BRMS1)	3 - 9
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Guideplates are graphical representations of selected room types that illustrate the integration of space, components, systems and equipment. They provide typical configurations and general technical guidance, and are not intended to be project specific. Specific infrastructure design requirements are contained in VA Design Manuals and Space Planning Criteria located in the VA Technical Information Library (TIL).

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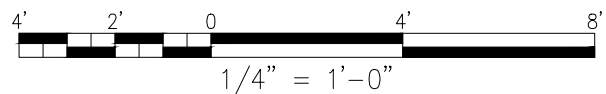


1. Acute Care One-Bed Room (BRMS1) Floor Plan



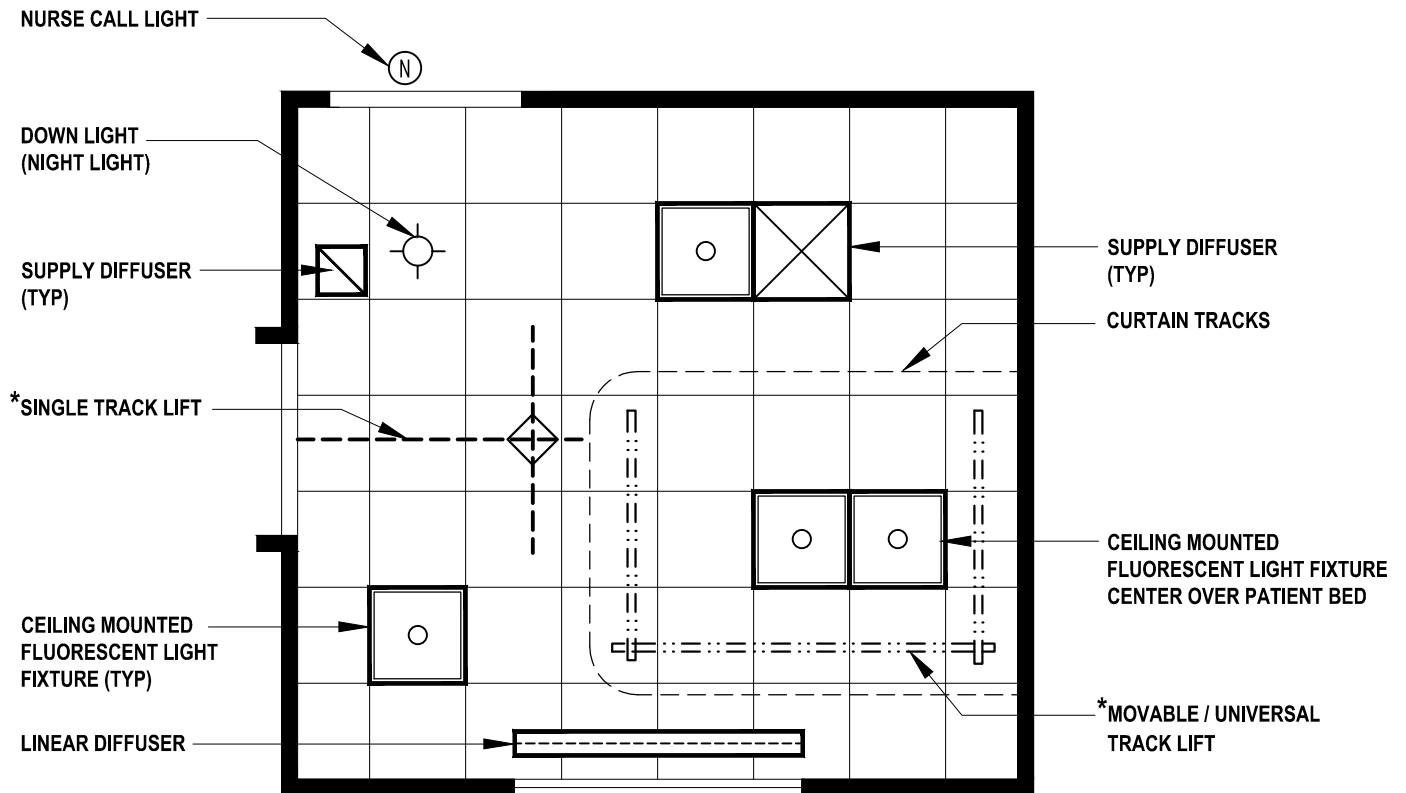
Note: It may be helpful for the designer to review information in Part 1 - Narrative for dimensional and planning contextual data.

210 NSF (19.5 NSM)



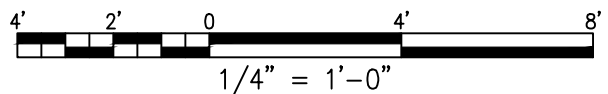
1. Acute Care One-Bed Room (BRMS1)

Reflected Ceiling Plan



NOTE: * BOTH SINGLE TRACK & MOVABLE OR UNIVERSAL TRACK LIFT SYSTEMS ARE INDICATED IN THE PLAN AS AN OPTION. THE TYPE OF LIFT TO BE USED ON SPECIFIC PROJECT IS TO BE SPECIFIED / SELECTED BY THE VA CENTER OR STATION. LOCATIONS OF SINGLE TRACK LIFT RAILS AND LIGHTING FIXTURES MUST BE COORDINATED BY PROJECT DESIGNER

210 NSF (19.5 NSM)



1. Acute Care One-Bed Room (BRMS1)

Space Requirement:

210 NSF (19.5 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard*
Ceiling:	Acoustical Tile
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	35
Slab Depression:	None
Special Construction:	-
Hardware:	7
Doors:	4'-0" (1219 mm) x 7'-0" (2134 mm) wood or metal, optional view glass panel.
Windows:	Required by code, operable, see PG-18-3, Topic 1, Codes and Standards.

*Vinyl Wall covering at Lavatory

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Neutral (0)
Max Noise Criteria:	35

Electrical:

Lighting Levels:	
Gen. Illum:	10fc
Task Illum:	70fc (Directly over Bed)
Over Bed:	30fc
Emergency Power:	
Medical Gases	
Night Lights	
Vanity Light	
One Receptacle per PBPU	
Nurse Call	

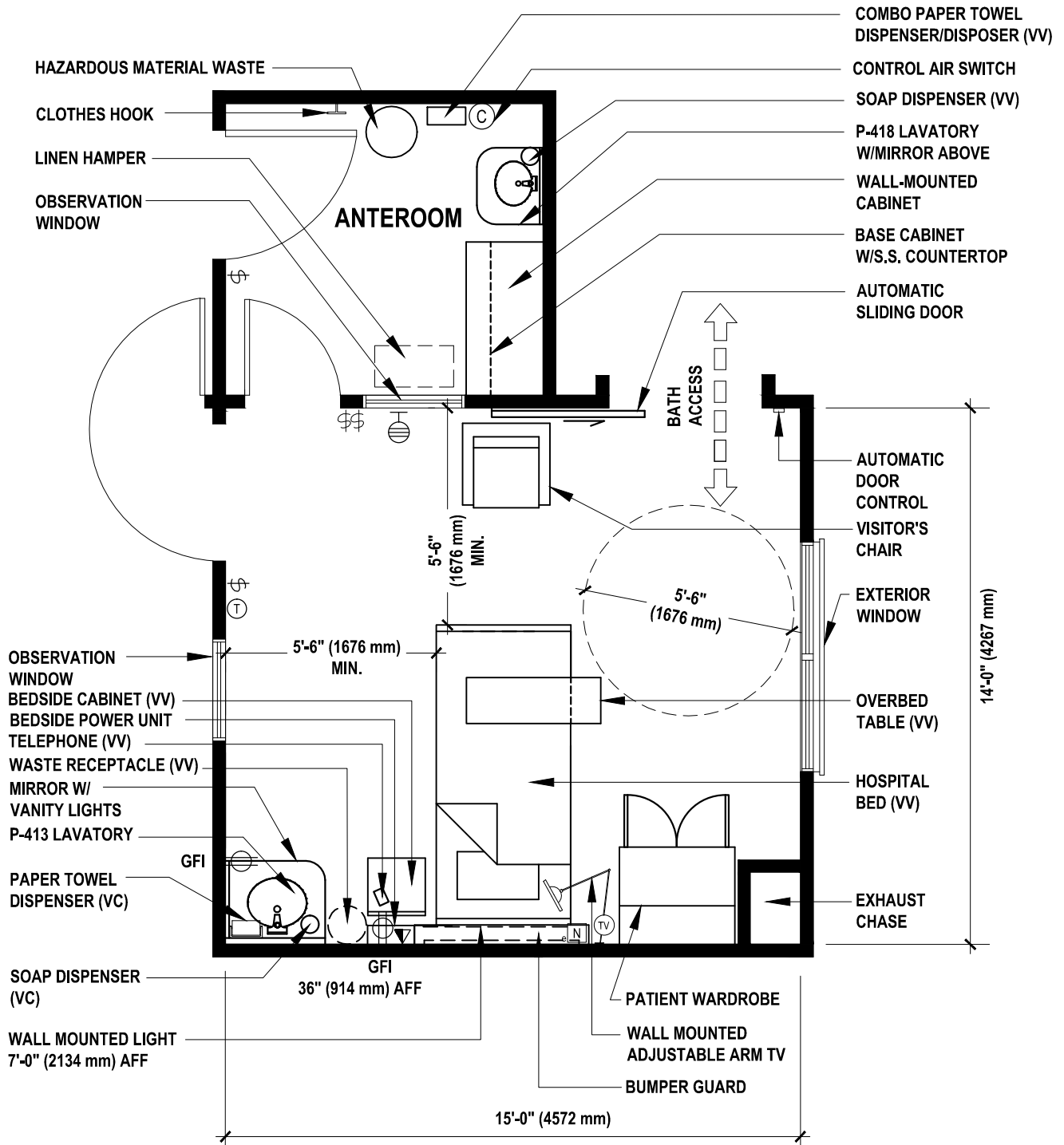
1. Acute Care One-Bed Room (BRMS1)

Equipment Table:

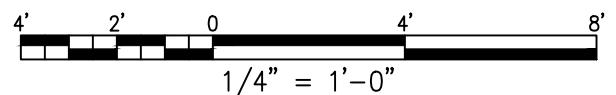
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			VV	BED WITH MATTRESS, HOSPITAL PATIENT, ELECTRIC, HI-LO, 42"W X 94"L WITH 3" DIAMETER WHEELS AND TRAPEZE BAR
	1	1			CC	BUMPER GUARD, 2" DEEP, WALL-MOUNTED OFF THE FLOOR BEHIND HEAD OF BED
	1	1			VV	TABLE, OVER-BED, ADJUSTABLE HEIGHT, 33"W X 14"D, ON CASTERS
	1	1			VV	CABINET, BEDSIDE, PORTABLE, 20"W X 16"D X 34½"H
	1	1			VV	VISITOR CHAIR
	1	1			CC	WARDROBE LOCKER, PATIENT, WITH PUSH BUTTON SECURITY LOCK, 36"W X 25½"D X 78"H (TOP SHELF FOR PILLOW AND BLANKET STORAGE) WALL MOUNTED
	1	1			CC	PREFABRICATED BEDSIDE POWER UNIT: STYLE C PG-18-4, SD 16685-1.DWG
	1	1			CC	LIGHT, BED (ON WALL OVER BED 7 FEET ABOVE FLOOR) (PG-18-1, MCS 16510)
	1	1			CC	LIGHT FLUORESCENT, FOR EXAMINATION ILLUMINATION, CEILING MOUNTED OVER EACH BED (PG-18-1, MCS 16510)
TYPE S-4	1	1			CC	VANITY, WITH HIGH PRESSURE PLASTIC LAMINATE COUNTER TOP, MOLDED SELF EDGE AND BACKSPLASH (PG-18-1, MCS 12302)
P-413	1	1			CC	LAVATORY COUNTER MOUNTED, 19" DIAMETER WRIST BLADE HANDLES, GOOSENECK SPOUT (PG-18-1, MCS 15450)
	2	2			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	1	1			CC	MIRROR, 24"W X 36"L (PG-18-1, MCS 10800)
	1	1			VV	WASTE RECEPTACLE
P-418	1	1			CC	STAFF SINK LAVATORY
	AR	AR			VC	CEILING MOUNTED LIFT WITH TRACK
	1	1			CC	LIGHT, NIGHT (INCADESCENT CEILING MOUNTED AT ENTRANCE)
	1	1			CC	LIGHT, FLUORESCENT, VANITY, (PG-18-1, MCS 16510)
	1	1			VV	WALL MOUNTED ADJUSTABLE ARM TV
	1	1			CC	DISPENSER, COMBO PAPER TOWEL AND DISPOSAL COMBINATION UNITS (PG-18-1, MCS 10800)
	1	1			CC	RECEPTACLE, ELECTRICAL, 120 VOLT, 20 AMP WITH GROUND FAULT INTERRUPTER, ADJACENT TO LAVATORY (PG-18-1), MCS 16140
	1	1			CC	LIGHT, NIGHT, (PG-18-1, MCS 16510)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP, (PG-18-1, MCS 16140)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)
	1	1			CC	CALL, NURSES PANEL, WITH CORRIDOR SIGNAL LIGHT (PG-18-1, MCS 16761)

TABLE 3.1
ACUTE CARE ONE-BED ROOM (BRMS1)

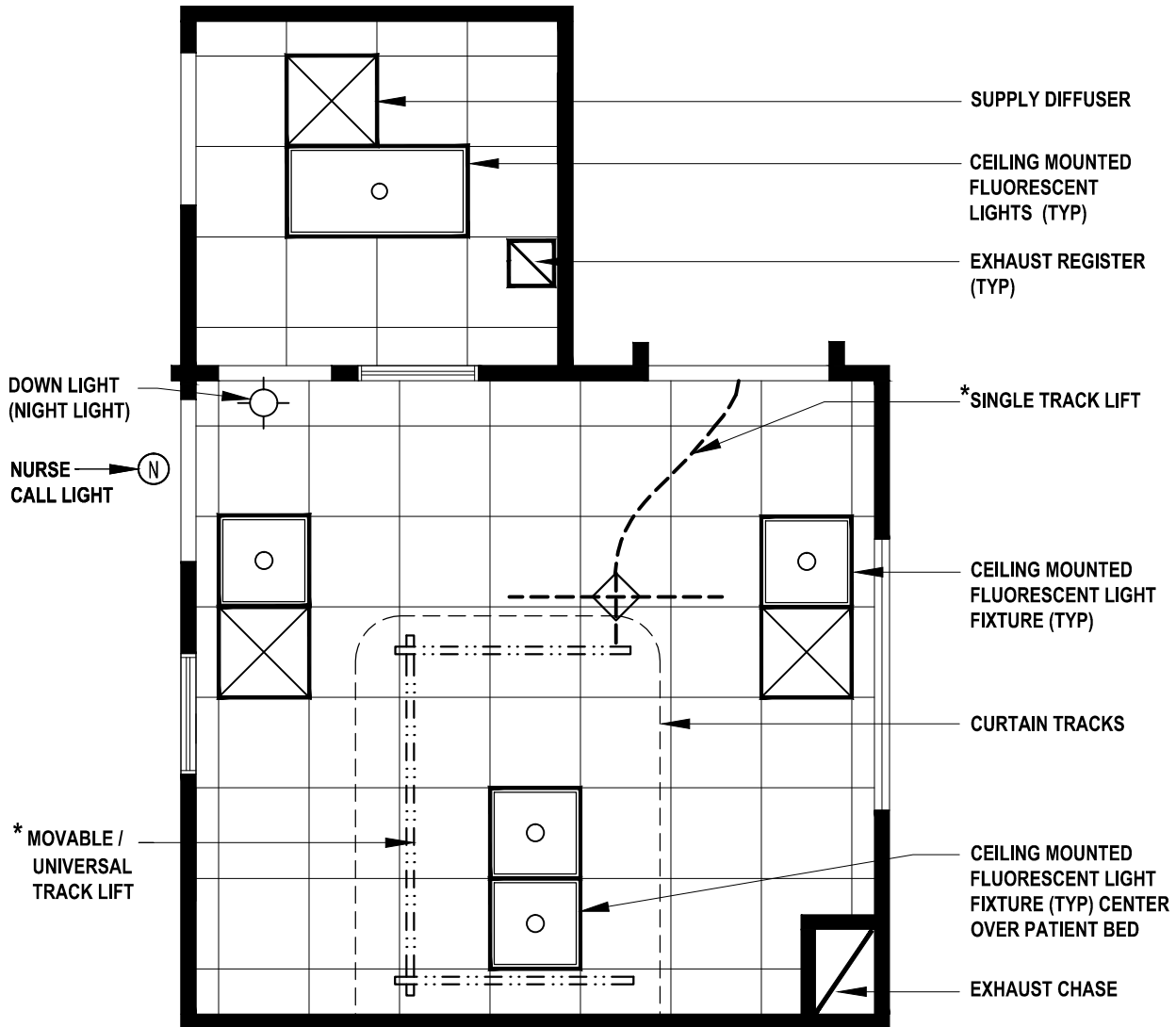
2. Acute Care Isolation (BRIT1)/Anteroom (BRAR1)
Floor Plan



Isolation Room: 210 NSF (19.5 NSM) + 30 NSF (2.8 NSM)
Anteroom: 75 NSF (7.0 NSM) + 30 NSF (2.8 NSM)

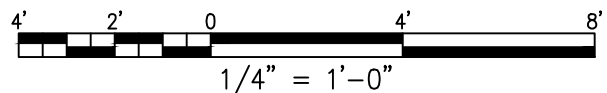


2. Acute Care Isolation/Anteroom (BRIT1/BRAR1) Reflected Ceiling Plan



NOTE: * BOTH SINGLE TRACK & MOVABLE OR UNIVERSAL TRACK LIFT SYSTEMS ARE INDICATED IN THE PLAN AS AN OPTION. THE TYPE OF LIFT TO BE USED ON SPECIFIC PROJECT IS TO BE SPECIFIED / SELECTED BY THE VA CENTER OR STATION. LOCATIONS OF SINGLE TRACK LIFT RAILS AND LIGHTING FIXTURES MUST BE COORDINATED BY PROJECT DESIGNER.

Isolation Room: 210 NSF (19.5 NSM) + 30 NSF (2.8 NSM)
Anteroom: 75 NSF (7.0 NSM) + 30 NSF (2.8 NSM)



2-a. Acute Care Isolation - Negative Air Balance (BRIT1)

Space Requirement:

210 NSF (19.5 NSM), add 30 NSF (2.8 NSM) if Nurse Servers are required.

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard/Paint*
Ceiling:	Gypsum Wall Board or Clipped down ACT w/ Smooth, Washable Surface
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	35
Slab Depression:	None
Special Construction:	-
Hardware:	7
Doors:	4'-0" (1219 mm) x 7'-0" (2134 mm)
Windows:	Required by code, operable, see PG-18-3, Topic 1, Codes and Standards.

*Vinyl Wall Covering at Lavatory

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	12 ACH (100 % exhaust)
Pressure:	Negative (-)
Max Noise Criteria:	35

Electrical:

Lighting Levels:	
Gen. Illum:	10fc
Task Illum:	70fc (Directly over bed)
Over Bed:	30fc
Emergency Power:	
Medical Gasses	
Night Lights	
Vanity Light	
One Receptacle per PBPU	
Nurse Call	

2-a. Acute Care Isolation - Positive Air Balance (BRIT1)

Space Requirement:

210 NSF (19.5 NSM), add 30 NSF (2.8 NSM) if Nurse Servers are required.

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard/Paint*
Ceiling:	Gypsum Wall Board or Clipped down ACT w/ Smooth, Washable Surface
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	35
Slab Depression:	None
Special Construction:	-
Hardware:	7
Doors:	4'-0" (1219 mm) x 7'-0" (2134 mm)
Windows:	Required by code, operable, see PG-18-3, Topic 1, Codes and Standards.

*Vinyl Wall Covering at Lavatory

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	12 ACH
Pressure:	Positive (+)
Max Noise Criteria:	35

Electrical:

Lighting Levels:	
Gen. Illum:	10fc
Task Illum:	70fc (Directly over bed)
Over Bed:	30fc
Emergency Power:	
Medical Gasses	
Night Lights	
Vanity Light	
One Receptacle per PBPU	
Nurse Call	

2-a. Acute Care Isolation (BRIT1)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			VV	BED WITH MATTRESS, HOSPITAL PATIENT, ELECTRIC, HI-LO, 42"W X 94"L WITH 3" DIA. WHEELS AND TRAPEZE BAR
	1	1			CC	BUMPER GUARD, 2" DEEP, WALL-MOUNTED OFF THE FLOOR BEHIND HEAD OF BED
	1	1			VV	TABLE, OVER-BED, ADJUSTABLE HEIGHT, 33"W X 14" D, ON CASTERS
	1	1			VV	CABINET, BEDSIDE, PORTABLE 20"W X 16"D X 34 ½"H
	2	2			VV	VISITORS CHAIR
	1	1			CC	WARDROBE LOCKER, PATIENT, WITH PUSH BUTTON SECURITY LOCK, 36"W X 25 ½"D X 78"H (TOP SHELF FOR PILLOW AND BLANKET STORAGE) WALL MOUNTED
	1	1			CC	PREFABRICATED BEDSIDE POWER UNIT: STYLE C, PG-18-4, 16685-4.DWG
	1	1			CC	LIGHT, BED (ON WALL OVER BED 7 FEET ABOVE FLOOR) PG-18-1, MCS 16510)
	1	1			CC	LIGHT, FLUORESCENT, FOR EXAMINATION ILLUMINATION, CEILING MOUNTED OVER EACH BED (PG-18-1, MCS 16510)
TYPE S-4	1	1			CC	VANITY, WITH HIGH PRESSURE PLASTIC LAMINATE COUNTER TOP, MOLDED SELF EDGE AND BACKSPLASH (PG-18-1, MCS 12302)
P-413	1	1			CC	LAVATORY COUNTER MOUNTED, 19" DIAMETER WRIST BLADE HANDLES, GOOSENECK SPOUT (PG-18-1 MCS 15450))
	1	1			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	1	1			VV	WASTE RECEPTACLE
	AR	AR			VC	CEILING MOUNTED LIFT WITH TRACK
	1	1			CC	LIGHT, FLUORESCENT, VANITY (PG-18-1, MCS 16510)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)
	1	1			CC	DISPENSER, COMBO PAPER TOWEL AND DISPOSAL
	AR	AR			CC	RECEPTACLE, ELECTRICAL, 120 VOLT, 20 AMP WITH GROUND FAULT INTERRUPTER, ADJACENT TO LAVATORY (PG-18-1, MCS 16140)
	1	1			CC	LIGHT, NIGHT, (PG-18-1, MCS 16510)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1	1			CC	CALL, NURSES PANEL, WITH CORRIDOR SIGNAL LIGHT (PG-18-1, MCS 16761)
	1	1			CC	OBSERVATION WINDOW ON CORRIDOR WALL, FIXED FRAME WITH INTEGRAL BLIND CONTROLLED FROM INSIDE THE ISOLATION ROOM.
	1	1			CC	OUTLET, MASTER TELEVISION ANTENNA.
	1	1			CC	INTERNET ACCESS AT BEDSIDE
	1	1			VV	WALL MOUNTED ADJUSTABLE ARM TV

TABLE 3.2a
ACUTE CARE ISOLATION (BRIT1)

2-b. Acute Care Anteroom (BRAR1)

Space Requirement:

75 NSF (7.0 NSM), add 30 NSF (2.8 NSM) if Nurse Servers are required.

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard/Paint*
Ceiling:	Gypsum Wall Board or Clipped down ACT w/ Smooth, Washable Surface
Ceiling Height:	8'-0" (2438 mm)
Noise (STC Rating):	35
Slab Depression:	None
Special Construction:	-
Hardware:	12, both doors
Doors:	3'-6" (1097 mm) x & 7'-0" (2134 mm) gasket wood or metal, optional view glass panel at corridor.
Windows:	Observation window into Isolation Room, see VA Standard Detail.

*Vinyl Wall covering at Lavatory

HVAC:

Temperature/Humidity:	
Summer:	Not required (note 2)
Winter:	Not required (note 2)
Min. Air Changes/Hour:	10 ACH (100% exhaust)
Pressure:	Not required
Max Noise Criteria:	40

NOTES:

1. Per Facility Guidelines Institute (FGI) and ASHRAE Standard 170, Acute Care Anteroom is only required for Protective Environment (PE) patients if the patient requires Airborne Isolation Infection (All).
2. Since room temperature control is not required, Temperature/Humidity is not listed.

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Emergency Power:	
Task Illumination	
One Receptacle	
Ventilation	
Exhaust Fan	
All HVAC Controls	

2-b. Acute Care Anteroom (BRAR1)

Equipment Table:

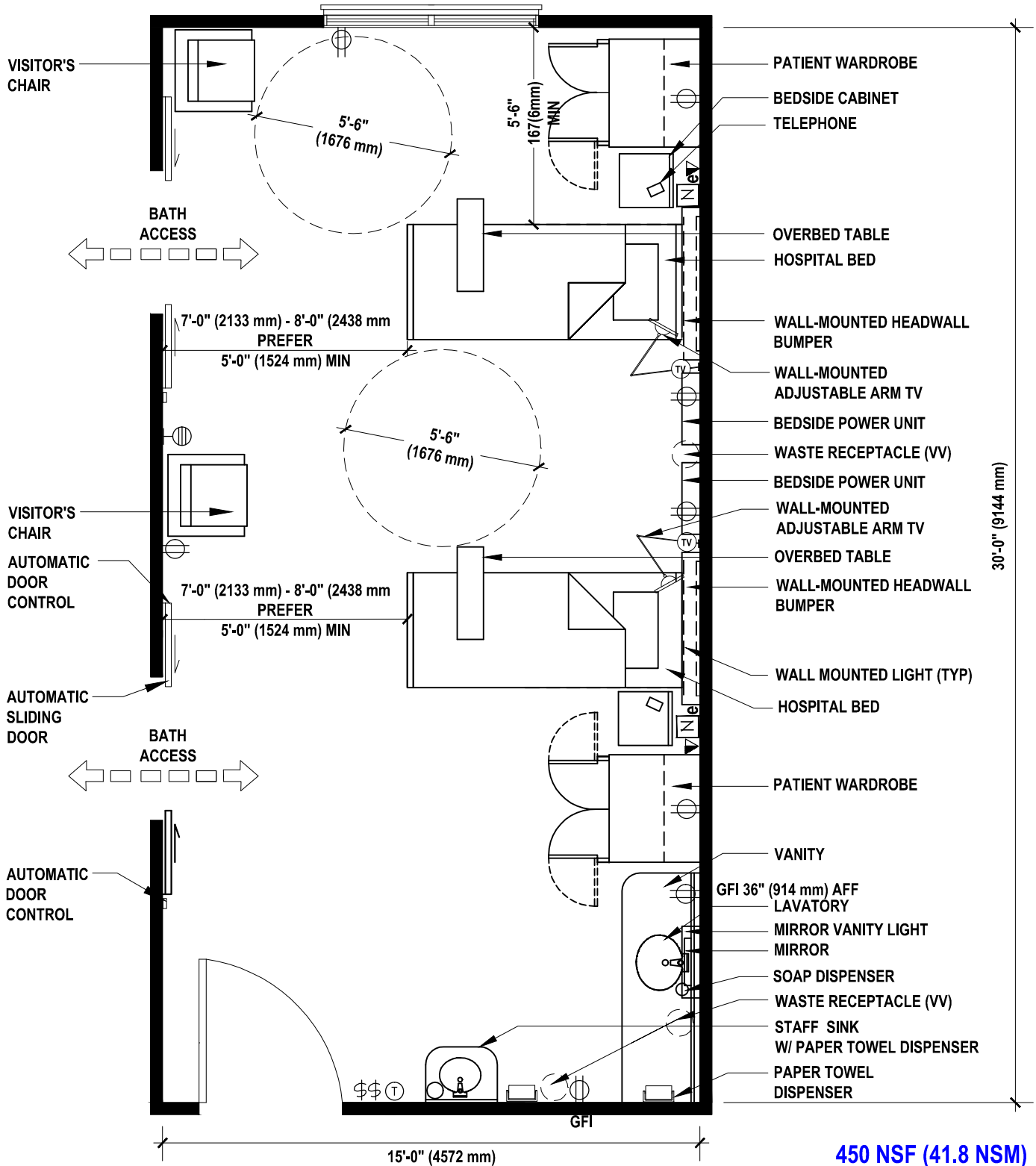
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
P-418	1	1			CC	LAVATORY, STRAIGHT BACK, ELECTRONIC TEMPERED FAUCET, 20" X 18" AND 3 ½" APRON (PG-18-1, MCS 15450)
	1	1			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	1	1			CC	CABINET, UNDERCOUNTER WITH TWO SLIDING METAL DOORS AND TWO ADJUSTABLE METAL SHELVES 48" W X 22" D X 36" H, COUNTER TOP AND SPLASHBACK TO BE STAINLESS STEEL (PG-18-1, MCS 12301)
	1	1			CC	CABINET WITH SLOPING TOP, WALL HUNG ABOVE BASE CABINET, TWO SLIDING METAL DOORS WITH LOCK, TWO ADJUSTABLE METAL SHELVES, 48" W X 16"D X 30"H (PG-18-1, MCS 12301)
	1	1			CC	MIRROR, 16" X 20", WITH INTEGRAL SHELF, OVER LAVATORY (PG-18-1, MCS 10800)
	1	1			CC	DISPENSER, PAPER TOWEL AND DISPOSAL COMBINATION UNITS (PG-18-1, MCS 10800)
	1	1			CC	HOOK, CLOTHES (PG-18-1, MCS 10800)
	1	1			VV	HAMPER, SOILED LINEN, WITH HINGED SELF CLOSING TOP
	1	1			VV	HAZARDOUS MATERIAL WASTE CONTAINER, WITH HINGED SELF CLOSING TOP
	1	1			CC	WINDOW, OBSERVATION (SEE ARCHITECTURE DRAWING FOR EXACT LOCATION) (PG-18-1, MCS 05500 & 08100; PG-18-4, SD 08110-4.DWG)
	1	1			CC	LIGHT NIGHT. INCANDESCENT.CEILING MOUNTED AT ENTRANCE.

TABLE 3.2b
ACUTE CARE ANTEROOM (BRAR1)

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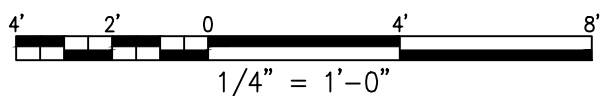


3. Acute Care Two-Bed Room (BRMS2) Floor Plan



450 NSF (41.8 NSM)

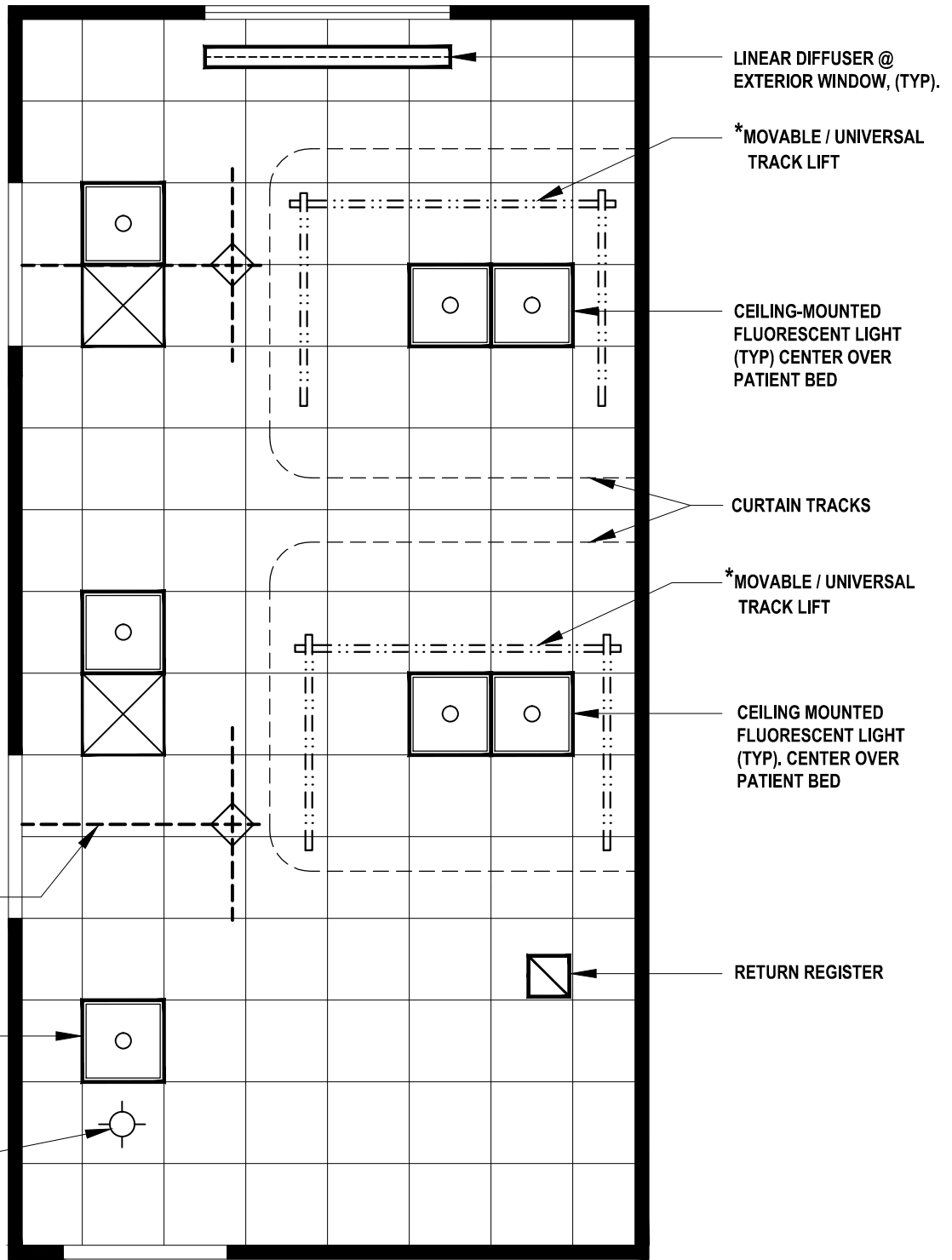
Note: It may be helpful for the designer to review information in Part 1 - Narrative for dimensional and planning contextual data.



3. Acute Care Two-Bed Room (BRMS2) Reflected Ceiling Plan

NOTE:

* BOTH SINGLE TRACK & MOVABLE OR UNIVERSAL TRACK LIFT SYSTEMS ARE INDICATED IN THE PLAN AS AN OPTION. THE TYPE OF LIFT USED ON SPECIFIC PROJECT IS TO BE SPECIFIED / SELECTED BY THE VA CENTER OR STATION. LOCATION OF SINGLE TRACK LIFT RAILS AND LIGHTING FIXTURES MUST BE COORDINATED BY PROJECT DESIGNER.



LINEAR DIFFUSER @ EXTERIOR WINDOW, (TYP).

*MOVABLE / UNIVERSAL TRACK LIFT

CEILING-MOUNTED FLUORESCENT LIGHT (TYP) CENTER OVER PATIENT BED

CURTAIN TRACKS

*MOVABLE / UNIVERSAL TRACK LIFT

CEILING MOUNTED FLUORESCENT LIGHT (TYP), CENTER OVER PATIENT BED

RETURN REGISTER

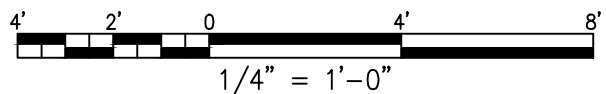
*SINGLE TRACK LIFT

CEILING MOUNTED FLUORESCENT LIGHT FIXTURE (TYP)

DOWN LIGHT (NIGHT LIGHT)

NURSE CALL LIGHT

450 NSF (41.8 NSM)



3. Acute Care Two-Bed Room (BRMS2)

Space Requirement:

450 NSF (41.8 NSM).

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard*
Ceiling:	Acoustical Tile
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	35
Slab Depression:	None
Special Construction:	-
Hardware:	7
Doors:	4'-0" (1219 mm) x 7'-0" (2134 mm) wood or metal, optional view glass panel.
Windows:	Required by code, operable, see PG-18-3, Topic 1, Codes and Standards.

*Vinyl Wall covering at Lavatory

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Neutral (0)
Max Noise Criteria:	35

Electrical:

Lighting Levels:	
Gen. Illum:	10fc
Task Illum:	70fc (Directly over bed)
Over Bed:	30fc
Emergency Power:	
Medical Gasses	
Night Lights	
Vanity Light	
One Receptacle per PBPU	
Nurse Call	

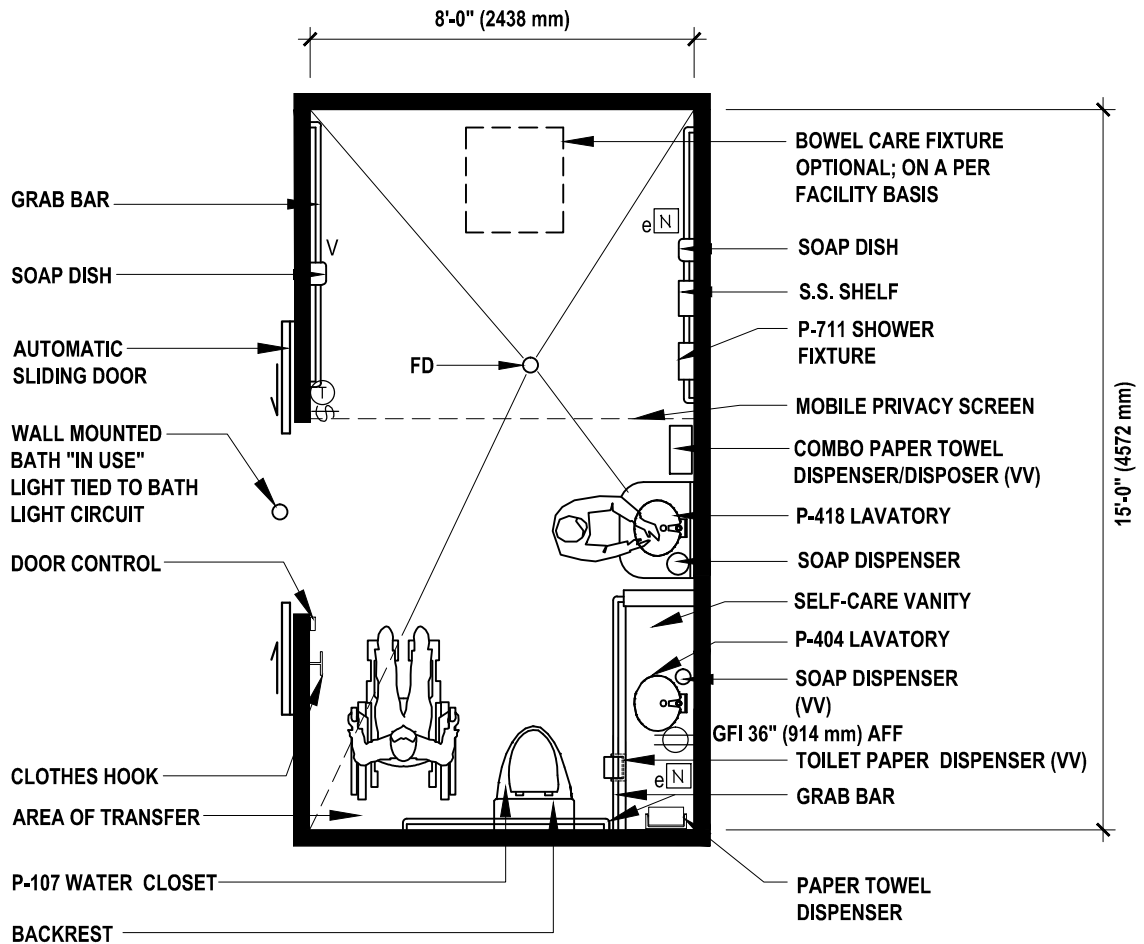
3. Acute Care Two-Bed Room (BRMS2)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	AR	AR			VC	CEILING LIFT TRACK SYSTEM
	2	2			VV	BED WITH MATTRESS, HOSPITAL PATIENT, ELECTRIC, HI-LO, 42" W X 94"L WITH 3" DIA. WHEELS AND TRAPEZE BAR
	2	2			CC	BUMPER GUARD, 2" DEEP, WALL-MOUNTED OFF THE FLOOR BEHIND HEAD OF BED
	2	2			VV	TABLE, OVER-BED. ADJUSTABLE HEIGHT, 33"W X 14" D, ON CASTERS
	2	2			VV	CABINET, BEDSIDE, PORTABLE, 20"W X 16"D X 34 ½" H
	2	2			VV	VISITOR CHAIRS
	2	2			CC	WARDROBE LOCKER, PATIENT, WITH PUSH BUTTON SECURITY LOCK, 36" W X 25 ½" D X 78" H (TOP SHELF FOR PILLOW AND BLANKET STORAGE) WALL MOUNTED
	2	2			CC	PREFABRICATED BEDSIDE POWER UNIT: STYLE C, PG-18-4, SD 16685-1.DWG
	2	2			CC	LIGHT, BED (ON WALL OVER BED 7 FEET ABOVE FLOOR) (PG-18-1, MCS 16510)
	2	2			CC	LIGHT, FLUORESCENT, FOR EXAMINATION ILLUMINATION, CEILING MOUNTED OVER EACH BED (PG-18-1, MCS 16510)
TYPE S-4	1	1			CC	VANITY, WITH HIGH PRESSURE PLASTIC LAMINATE COUNTER TOP, MOLDED SELF EDGE AND BACKSPLASH (PG-18-1, MCS 12302)
P-413	1	1			CC	LAVATORY COUNTER MOUNTED, 19" DIAMETER WRIST BLADE HANDLES, GOOSENECK SPOUT (PG-18-1, MCS 15450)
	2	2			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)
	1	1			CC	MIRROR, 24"W X 36" L (PG-18-1, MCS 10800)
	1	1			CC	LIGHT, FLUORESCENT, VANITY (PG-18-1, MCS 16510)
	1	1			CC	DISPENSER, PAPER TOWEL AND DISPOSAL COMBINATION UNITS (PG-18-1, MCS 10800)
	2	2			CC	RECEPTACLE, ELECTRICAL 120 VOLT, 20 AMP WITH GROUND FAULT INTERRUPTER, ADJACENT TO LAVATORY (PG-18-1, MCS 16140)
	1	1			CC	LIGHT, NIGHT (PG-18-1, MCS 16510)
	AR	AR			CC	RECEPTACLE, ELECTRICAL DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	2	2			CC	CALL, NURSES PANEL, WITH CORRIDOR SIGNAL LIGHT (PG-18-1, MCS 16761)
	1	1			CC	LIGHT NIGHT, INCANDESCENT.CELING MOUNTED AT ENTRANCE
	2	2			CC	OUTLET MASTER TV ANTENNA
	3	3			VV	WASTE RECEPTACLE
P-418	1	1			CC	STAFF SINK LAVATORY
	2	2			VV	WALL MOUNTED ADJUSTABLE ARM TV

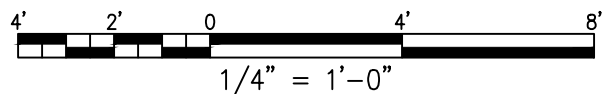
TABLE 3.3
ACUTE CARE TWO-BED ROOM (BRMS2)

4. Patient (Litter) Bathroom (TLTS1) Floor Plan

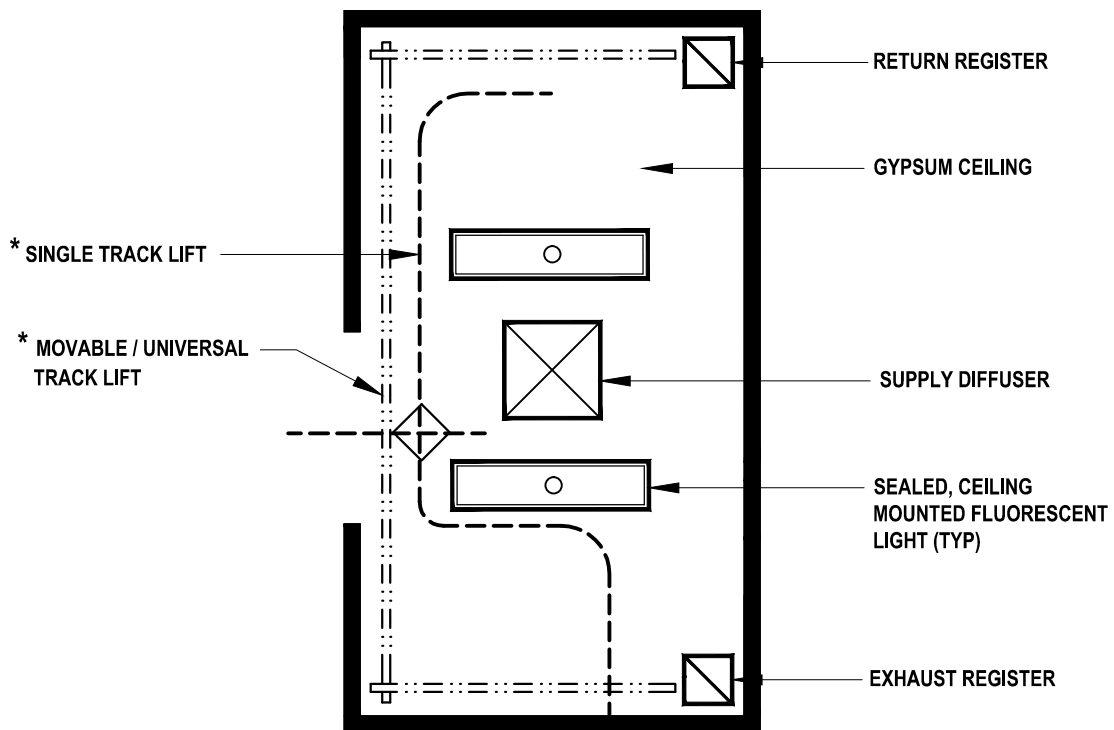


Note: Provide 50% of the transfer areas on the left and 50% of the transfer areas on the right of the water closet. (Opposite hand configuration.)

120 NSF (11.2 NSM)

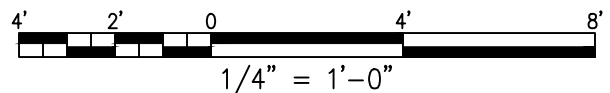


4. Patient (Litter) Bathroom (TLTS1) Reflected Ceiling Plan



NOTE: * BOTH SINGLE TRACK & MOVABLE OR UNIVERSAL TRACK LIFT SYSTEMS ARE INDICATED IN THE PLAN AS AN OPTION. THE TYPE OF LIFT TO BE USED ON SPECIFIC PROJECT IS TO BE SPECIFIED / SELECTED BY THE VA CENTER OR STATION. LOCATIONS OF SINGLE TRACK LIFT RAILS AND LIGHTING FIXTURES MUST BE COORDINATED BY PROJECT DESIGNER

120 NSF (11.2 NSM)



4. Patient (Litter) Bathroom (TLTS1)

Space Requirement:

120 NSF (11.2 NSM)

Architectural:

Floor Finish:	Ceramic Tile (slip-resistant)
Base:	Ceramic Tile
Wall Finish:	GWB/4'-0" ceramic wainscot*
Ceiling:	Acoustic Tile (special-faced)
Ceiling Height:	9'-0" (2743 mm) Plaster in shower.
Noise (STC Rating):	35
Slab Depression:	4" (102 mm) for ceramic tile, sloped to drain, see VA Standard Details
Special Construction:	-
Hardware:	100
Doors:	4'-0" (1219 mm) x 7'-0" (2134 mm) wood or metal, automatic slider, louver as required.
Windows:	None

*Full ceramic tile in shower

HVAC:

Temperature:	
Summer:	75°F (26°C)
Winter:	70°F (21°C)
Min. Air Changes/Hour:	15 ACH (100 % exhaust)
Pressure:	Negative (-)
Max Noise Criteria:	40

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Emergency Power:	
One Ceiling Light	
Nurse Call	

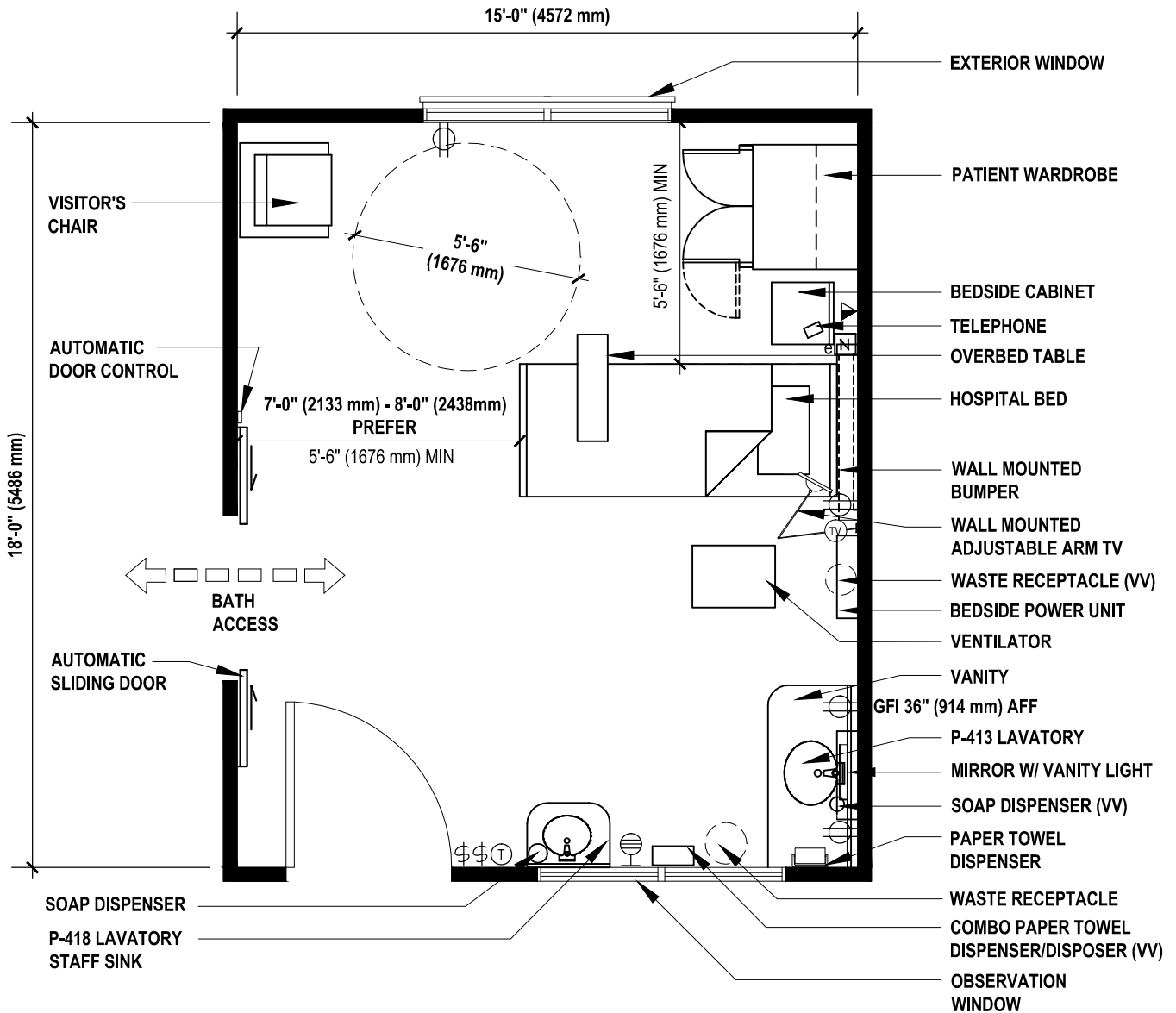
4. Patient (Litter) Bathroom (TLTS1)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	AR	AR			VC	CEILING LIFT TRACK SYSTEM
P-107	1	1			CC	WATER CLOSET, WALL HUNG (PG-18-1, MCS 15450)
	1	1			CC	BACKREST, TOILET, ADJUSTABLE (PG-18-1, MCS 05500)
	1	1			CC	BAR, GRAB FOR WATER CLOSET (PG-18-1, MCS 10800, PG-18-4, SD 10162-1.DWG)
P-404	1	1			CC	LAVATORY, INTEGRAL WITH COUNTER TOP, WITH ELECTRONIC SENSOR CONTROL FAUCET, SPINAL CORD SELF CARE (PG-18-1, MCS 15450)
P-418	1	1			CC	LAVATORY, ELECTRONIC SENSOR CONTROL FAUCET WITH RIGID GOOSENECK SPOUT, 20" X 18" & 3 1/2" APRON (PG-18-1, MCS 15450)
	1	1			CC	NURSE CALL-INSTALL AN EMERGENCY STATION WITH A PRESSURE ACTIVATED TOUCH PAD, PLASTIC VINYL COATED WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (H-08-1, MCS 16761; H-08-4, SD 10162-1.DWG)
	2	2			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	1	1			VV	DISPENSER, COMBO PAPER TOWEL AND DISPOSAL, SURFACE MOUNTED
	1	1			VV	WASTE RECEPTACLE
	1	1			CC	LIGHT, FLUORESCENT, RECESSED IN CEILING, WITH SWITCH AT ENTRANCE (PG-18-1, MCS 16510) NOTE: THIS LIGHT FIXTURE PROVIDES ILLUMINATION FOR THE SHOWER AREA
	1	1			CC	SHOWER BATH FIXTURE, DETACHABLE, WALL MOUNTED, CONCEALED SUPPLIES, PRESSURE BALANCING OR THERMOSTATIC MIXING VALVE AND THERMOMETER (PG-18-1, MCS 15450; PG-18-4, SD 10800-1.DWG, 10801-2.DWG and 10801-3.DWG)
	1	1			CC	HOOK, CLOTHES (PG-18-1, MCS 10800)
T-45	1	1			CC	SHELF, CORROSION RESISTING STEEL, 12" W X 5" D (PG-18-1, MCS 10360; PG-18-4, SD 10801-1.DWG)
	1	1			CC	DISH, SOAP, SURFACE MOUNTED (PG-18-1, MCS 10800)
	AR	AR			CC	BAR, GRAB (PG-18-1, MCS 10800; PG-18-4, SD 10800-1.DWG)
	1	1			CC	DRAIN, FLOOR (PLUMBING DESIGN CRITERIA AND INSTRUCTIONS)
	1	1			VV	TOILET PAPER DIPENSER
	1	1			CC	ALERT LIGHT, MOUNTED IN BEDROOM ABOVE BATHROOM DOOR, WIRED TO BATHROOM LIGHT SWITCHES (PG-18-1, MCS 16510)
	1	1			CC	NURSE CALL-EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
	1	1			CC	LIGHT, FLUORESCENT, OVERHEAD, WITH SWITCH AT ENTRANCE (PG-18-1, MCS 16510) NOTE: THIS LIGHT FIXTURE PROVIDES ILLUMINATION FOR THE WATER CLOSET/LAVATORY AREA
	1	1			VV	PRIVACY SCREEN, MOBILE

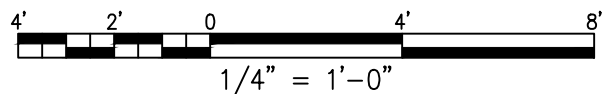
TABLE 3.4
PATIENT (LITTER) BATHROOM (TLTS1)

5. Acute Respiratory One-Bed Room (BRMS1) Floor Plan

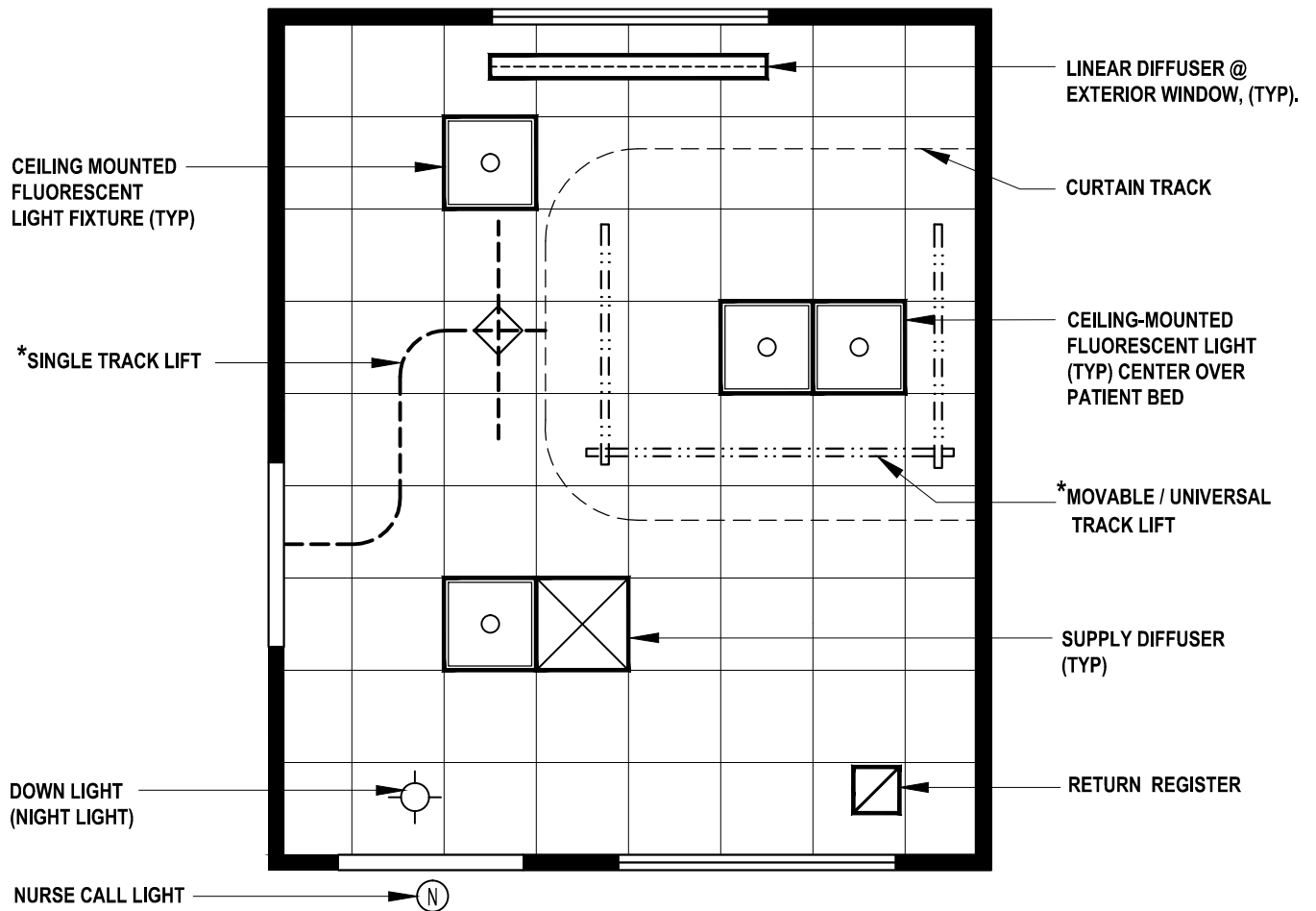


Note: It may be helpful for the designer to review information in Part 1 - Narrative for dimensional and planning contextual data.

270 NSF (25.1 NSM)

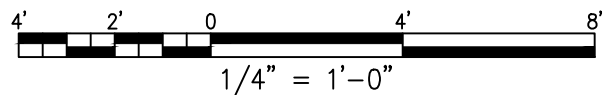


5. Acute Respiratory One-Bed Room (BRMS1) Reflected Ceiling Plan



NOTE: * BOTH SINGLE TRACK & MOVABLE OR UNIVERSAL TRACK LIFT SYSTEMS ARE INDICATED IN THE PLAN AS AN OPTION. THE TYPE OF LIFT TO BE USED ON SPECIFIC PROJECT IS TO BE SPECIFIED / SELECTED BY THE VA CENTER OR STATION. LOCATIONS OF SINGLE TRACK LIFT RAILS AND LIGHTING FIXTURES MUST BE COORDINATED BY PROJECT DESIGNER

270 NSF (25.1 NSM)



5. Acute Respiratory One-Bed Room (BRMS1)

Space Requirement:

270 NSF (25.1 NSM).

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard/Paint*
Ceiling:	Acoustical Tile
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	35
Slab Depression:	None
Special Construction:	-
Hardware:	7
Doors:	4'-0" (1219 mm) x 7'-0" (2134 mm) wood or metal
Windows:	Required by code, operable, see PG-18-3, Topic 1, Codes and Standards.

*Vinyl Wall covering at Lavatory

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Neutral (0)
Max Noise Criteria:	35

Electrical:

Lighting Levels:	
Gen. Illum:	10fc
Task Illum:	70fc
Over Bed:	30fc
Emergency Power:	
Full PBPU	
Night Lights	
Vanity Light	
Nurse Call	

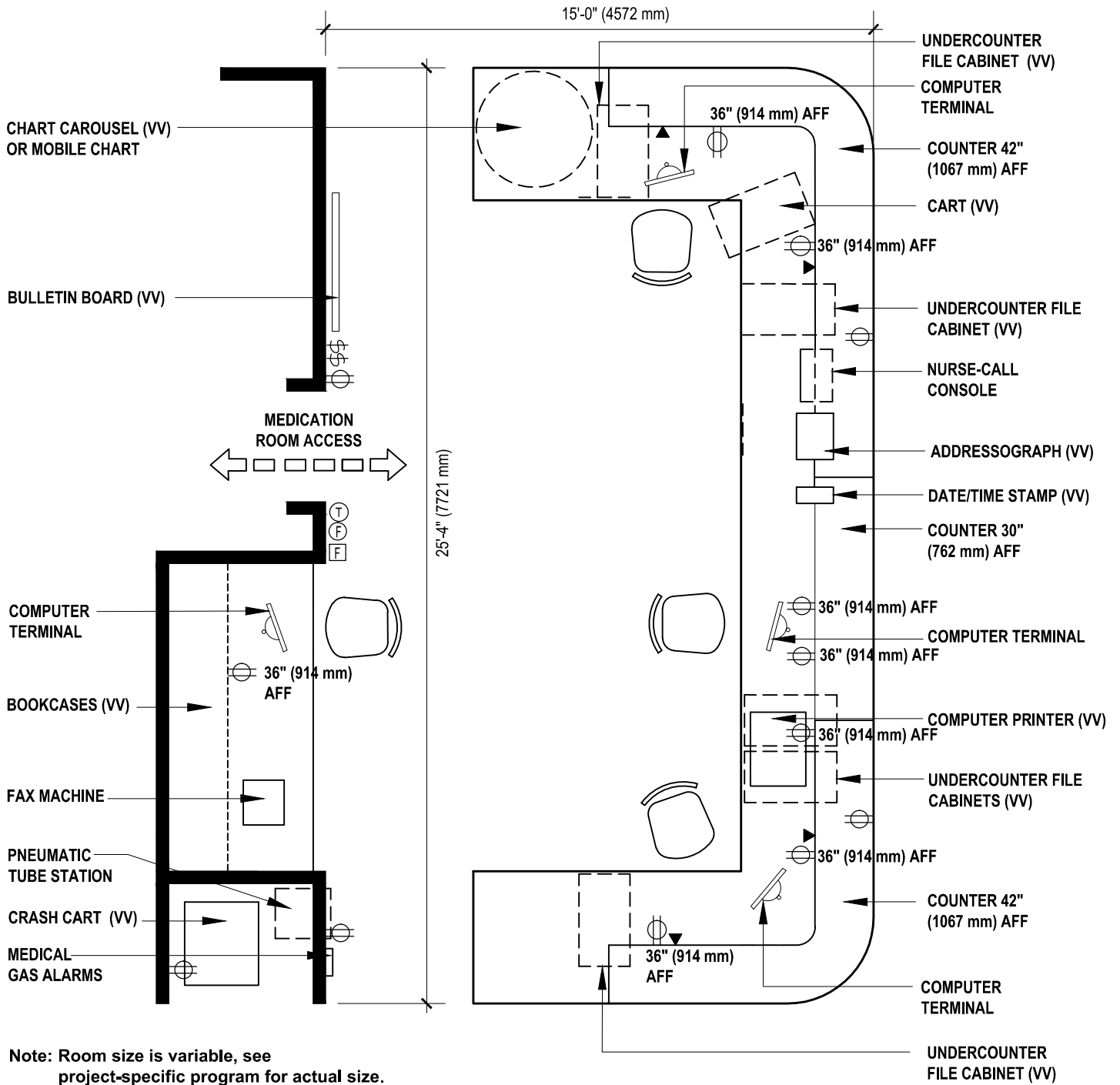
5. Acute Respiratory One-Bed Room (BRMS1)

Equipment Table:

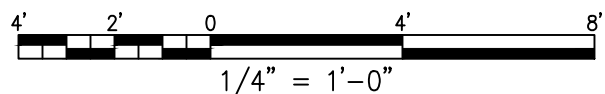
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	AR	AR			VC	CEILING LIFT TRACK SYSTEM
	1	1			VV	BED WITH MATTRESS, HOSPITAL PATIENT, ELECTRIC, HI-LO, 42"W X 94"L WITH 3" DIA. WHEELS AND TRAPEZE BAR
	1	1			CC	BUMPER GUARD, 2" DEEP, WALL MOUNTED OFF THE FLOOR BEHIND HEAD OF BED
	1	1			VV	TABLE, OVER-BED, ADJUSTABLE HEIGHT, 33"W X 14"D, ON CASTERS
	1	1			VV	CABINET, BEDSIDE, PORTABLE, 20" W X 16"D X 34 ½" H
	1	1			VV	VISITOR CHAIRS
	1	1			CC	WARDROBE LOCKER, PATIENT, WITH PUSH BUTTON SECURITY LOCK, 36"W X 25 1/2 "D X 78"H (TOP SHELF FOR PILLOW AND BLANKET STORAGE) WALL MOUNTED
	1	1			CC	PREFABRICATED BEDSIDE POWER UNIT: STYLE C, PG-18-4, SD 16685-4.DWG
	1	1			CC	LIGHT, BED (ON WALL OVER BED 7 FEET ABOVE FLOOR) (PG-18-1, MCS 16510)
	1	1			CC	LIGHT, FLUORESCENT, FOR EXAMINATION ILLUMINATION, CEILING MOUNTED OVER EACH BED (PG-18-1, MCS 16510)
TYPE S-4	1	1			CC	VANITY, WITH HIGH PRESSURE PLASTIC LAMINATE COUNTER TOP, MOLDED SELF EDGE AND BACKSPLASH (PG-18-1, MCS 12302)
P-413	1	1			CC	LAVATORY COUNTER MOUNTED, 19" DIAMETER WRIST BLADE HANDLES, GOOSENECK SPOUT (PG-18-1, MCS 15450).
	2	2			VV	WASTE RECEPTACLE, DISPENSER, SOAP, LIQUID, WALL MOUNTED
	1	1			CC	MIRROR, 24"W X 36"L (PG-18-1, MCS 10800)
	1	1			CC	LIGHT, NIGHT (INCADESCENT CEILING MOUNTED AT ENTRANCE)
	1	1			CC	DISPENSER, PAPER TOWEL AND DISPOSAL COMBINATION UNITS (PG-18-1, MCS 10800)
	AR	AR			CC	LIGHT, FLUORESCENT, VANITY, GENERAL LIGHTING (PG-18-1, MCS 16510)
	1	1			CC	RECEPTACLE, ELECTRICAL, 120 VOLT, 20 AMP WITH GROUND FAULT INTERRUPTER, ADJACENT TO LAVATORY (PG-18-1, MCS 16140)
	1	1			CC	LIGHT, NIGHT (PG-18-1, MCS 16510)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1	1			CC	CALL, NURSES PANEL, WITH CORRIDOR SIGNAL LIGHT (PG-18-1, MCS 16761)
	1	1			CC	WINDOW OBSERVATION (PG-18-1, MCS 05500 & 08110; H-08-4, SD 08110-4.DWG)
	1	1			VV	IPPB VENTILATOR WITH AIR OXYGEN BLENDER
	1	1			VV	WALL MOUNTED ADJUSTABLE ARM TV

**TABLE 3.5
ACUTE/RESPIRATORY ONE-BED ROOM (BRMS1)**

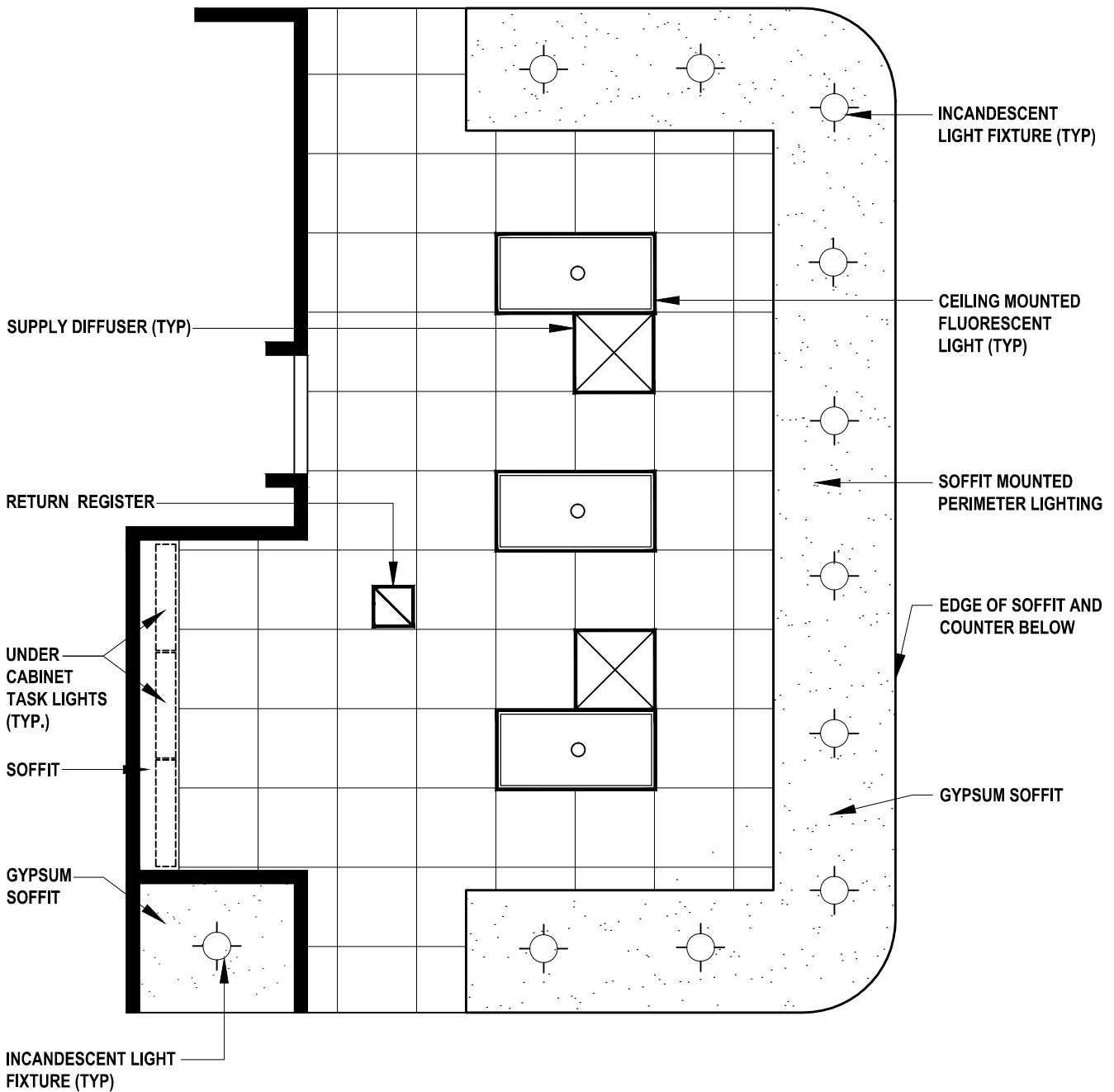
6. Nurse Station (NSTA1)/Ward Clerk (OFA01/OFA02) Floor Plan



Communication Ctr: 300 NSF (27.9 NSM); 40 NSF (3.7 NSM) per Staff.
Ward Clerk: 80 NSF (7.5 NSM)

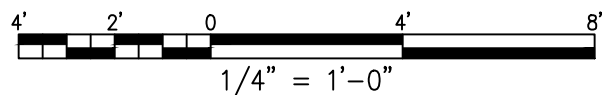


6. Nurse Station/Ward Clerk (NSTA1) / (OFA01/OFA02)
Reflected Ceiling Plan



NOTE: ROOM SIZE IS VARIABLE, SEE PROJECT-SPECIFIC PROGRAM FOR ACTUAL SIZE.

Communication Ctr: 300 NSF (27.9 NSM); 40 NSF (3.7 NSM) per Staff.
Ward Clerk: 80 NSF (7.5 NSM)



6. Nurse Station (NSTA1)/Ward Clerk (OFA01/OFA02)

Space Requirement:

Communication Center: 300 NSF (27.9 NSM) [40 NSF (3.7 NSM) per staff station]

Ward Clerk: 80 NSF (7.5 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Veneer Plaster/Vinyl Fabricated
Ceiling:	Acoustical Tile
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	N/A
Slab Depression:	None
Special Construction:	-
Hardware:	None
Doors:	None
Windows:	None

HVAC:

Temperature/Humidity:

Summer: 72°F (22°C) @60%RH

Winter: 82°F (28°C) @20%RH

Min. Air Changes/Hour: 6 ACH

Pressure: Neutral (0)

Max Noise Criteria: 40

Electrical:

Lighting Levels:

Gen. Illum (day): 50fc

Gen. Illum (night): 30fc

Task Illum: 70fc

Emergency Power:

Task Illumination

One Receptacle

Nurse Call System

Medical Gas Alarms

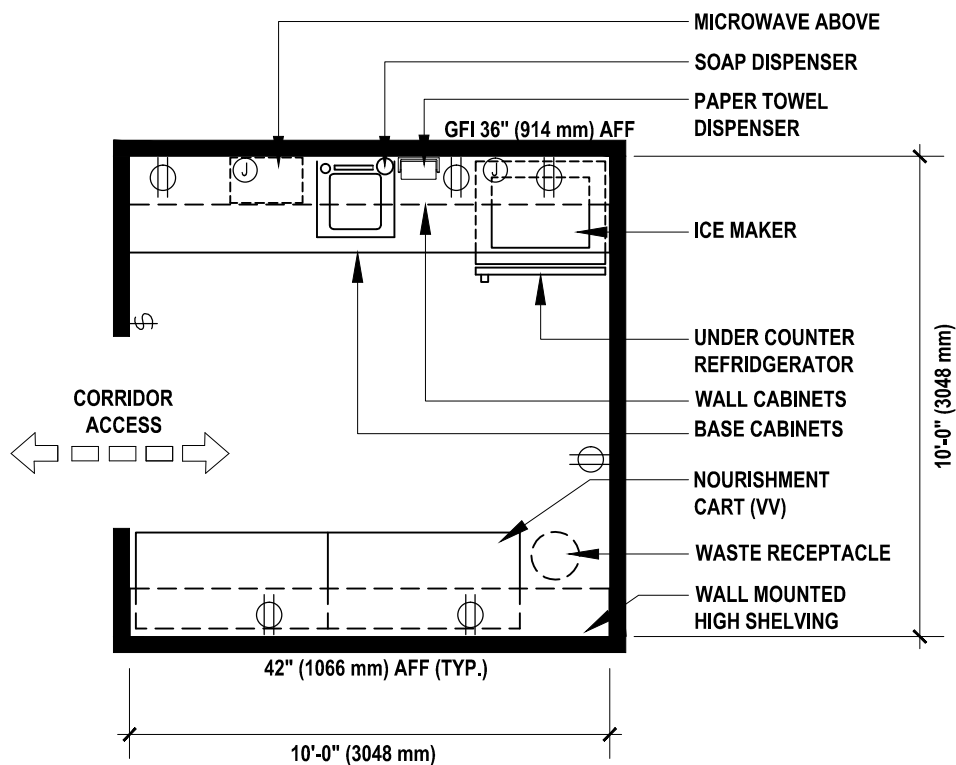
6. Nurse Station (NSTA1)/Ward Clerk (OFA01/OFA02)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			CC	COUNTER TOP, HIGH PRESSURE LAMINATE, 30"H WITH 30" DESK, INDIVIDUAL SINGLE DRAWERS BELOW FULL LENGTH OF COUNTER AS REQUIRED, SIZE ACCORDING TO INDIVIDUAL PROJECT DESIGN (PG-18-1, MCS 12302; PG-18-4, 06200-1.DWG) NOTE: THE COUNTER TOP ABOVE SHOULD BE PROVIDED WITH ONE WHEELCHAIR CUT-OUT SECTION MINIMUM 36"
	1	1			CC	NURSE CALL, CONSOLE, ANNUNCIATOR, AUDIO VISUAL DESK TYPE (PG-18-1, MCS 16761)
	1	1			VV	CLOCK, BATTERY OPERATED
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1	1			VV	BULLETIN BOARD, 60" W X 36"H
	1	1			VV	HOLDER, CLINICAL CHART, CIRCULAR, REVOLVING, APPROX. 31" DIAMETER
						- OR -
	1	1			VV	CART, CLINICAL CHART HOLDER, APPROX. 31"W X 17"D X 49"H
	1	1			CC	FIRE ALARM STATION, AUDIO & VISUAL DEVICE , WALL MOUNTED (PG-18-1, MCS 16721)
	1	1			CC	ALARM, AIR, OXYGEN AND VACUUM, FAILURE, WALL MOUNTED (PG-18-1, MCS 15550)
	1	1			CC	STATION, PNEUMATIC TUBE (DETERMINED ON INDIVIDUAL BASIS) (PG-18-1, MCS 14581)
	AR	AR			VV	CHAIR, ROTARY, WITHOUT ARMS
	AR	AR			VV	CABINET, FILING, UNDERCOUNTER
	1	1			CC	TWO WAY VOICE AND SIGNALING COMMUNICATION SYSTEM (TO BE INSTALLED BETWEEN (PG-18-1, MCS 16761)
	1	1			VV	PRINTER, FAX MACHINE, COMPUTER SYSTEM
	2	2			VV	BOOKCASE, SECTIONAL (EACH SECTION 33"W X 13" D X 15"H) WITH 10"H BASE
	1	1			VV	CART, EMERGENCY, "CRASH CART" , APPROX. 36" W X 21"D
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)
	AR	AR			CC	LIGHT, FLUORESCENT, SOFFIT LIGHTING (PG-18-1 MCS 16510)

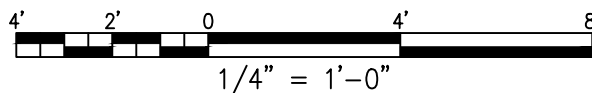
TABLE 3.6
NURSE STATION/WARD CLERK (NSTA1)/ (OFA01/OFA02)

7. Nourishment Kitchen (NCWD1) Floor Plan

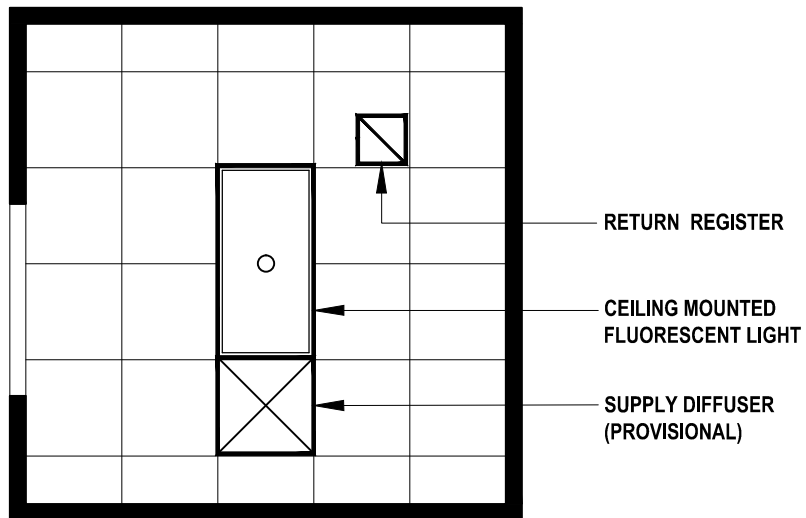


Note: Combined equipment units may be preferable to separate integral type of Nourishment Unit.

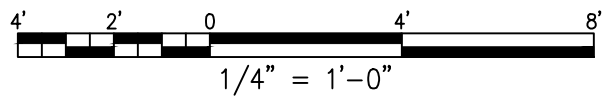
100 NSF (9.3 NSM)



7. Nourishment Kitchen (NCWD1) Reflected Ceiling Plan



100 NSF (9.3 NSM)



7. Nourishment Kitchen (NCWD1)

Space Requirement:

100 NSF (9.3 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard/Paint
Ceiling:	Acoustical Tile
Ceiling Height:	8'-0" (2438 mm)
Noise (STC Rating):	N/A
Slab Depression:	None
Special Construction:	-
Hardware:	None
Doors:	None
Windows:	None

HVAC:

Temperature/Humidity:	
Summer:	Not required (note 1)
Winter:	Not required (note 1)
Min. Air Changes/Hour:	6 ACH (100% Exhaust)
Pressure:	Negative (-)
Max Noise Criteria:	40

NOTES:

1. Since room temperature control is not required, Temperature/Humidity is not listed.

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Task Illum:	70fc
Emergency Power:	
Refrigerator	

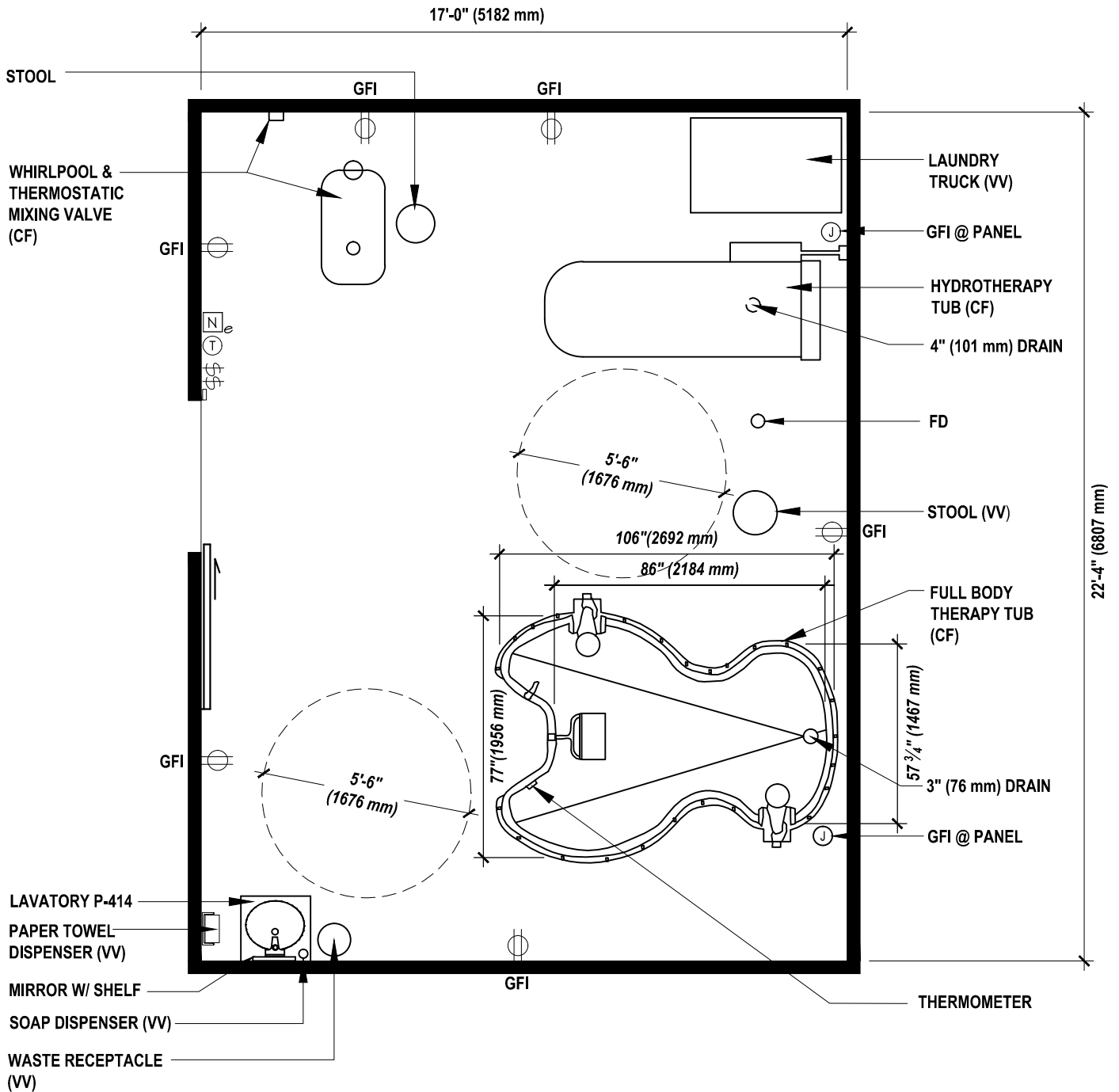
7. Nourishment Kitchen (NCWD1)

Equipment Table:

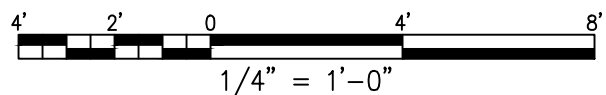
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1 MCS 16510)
	1	1			CC	CABINET, KITCHEN, BASE AND WALL, WITH WORK TOP AND DRAWERS
	1	1			CC	ICE MAKER, WITH ICE BIN AND ICE DISPENSER
	1	1			CC	REFRIGERATOR, UNDER THE COUNTER, 120 VOLT, 20 AMP.
	1	1			CC	STEEL SINK, CORROSION RESISTANT, WITH HOT AND COLD WATER MIXING FAUCET
	1	1			CC	DISPENSER, CUP
	1	1			VV	DISPENSER, SOAP
	1	1			VV	DISPENSER, PAPER TOWEL
	1	1			VV	RECEPTACLE, WASTE
	1	1			CC	MICROWAVE OVEN, 120 VOLT, 20 AMP (SIT ON COUNTER)
T-78	2	2			CC	SHELVING, WALL HUNG, STEEL, WITH 2 ADJUSTABLE SHELVES, 2 DOORS WITH LOCK, 36"W X 16"D X 48"H (PG-18-1, MCS 10671)
	2	2			VV	CART, NOURISHMENT, MOBILE, APPROX. 48"W X 24"D
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX 120 VOLT, 20 AMP (PG-18-1, MCS 16140)

TABLE 3.7
NOURISHMENT KITCHEN (NCWD1)

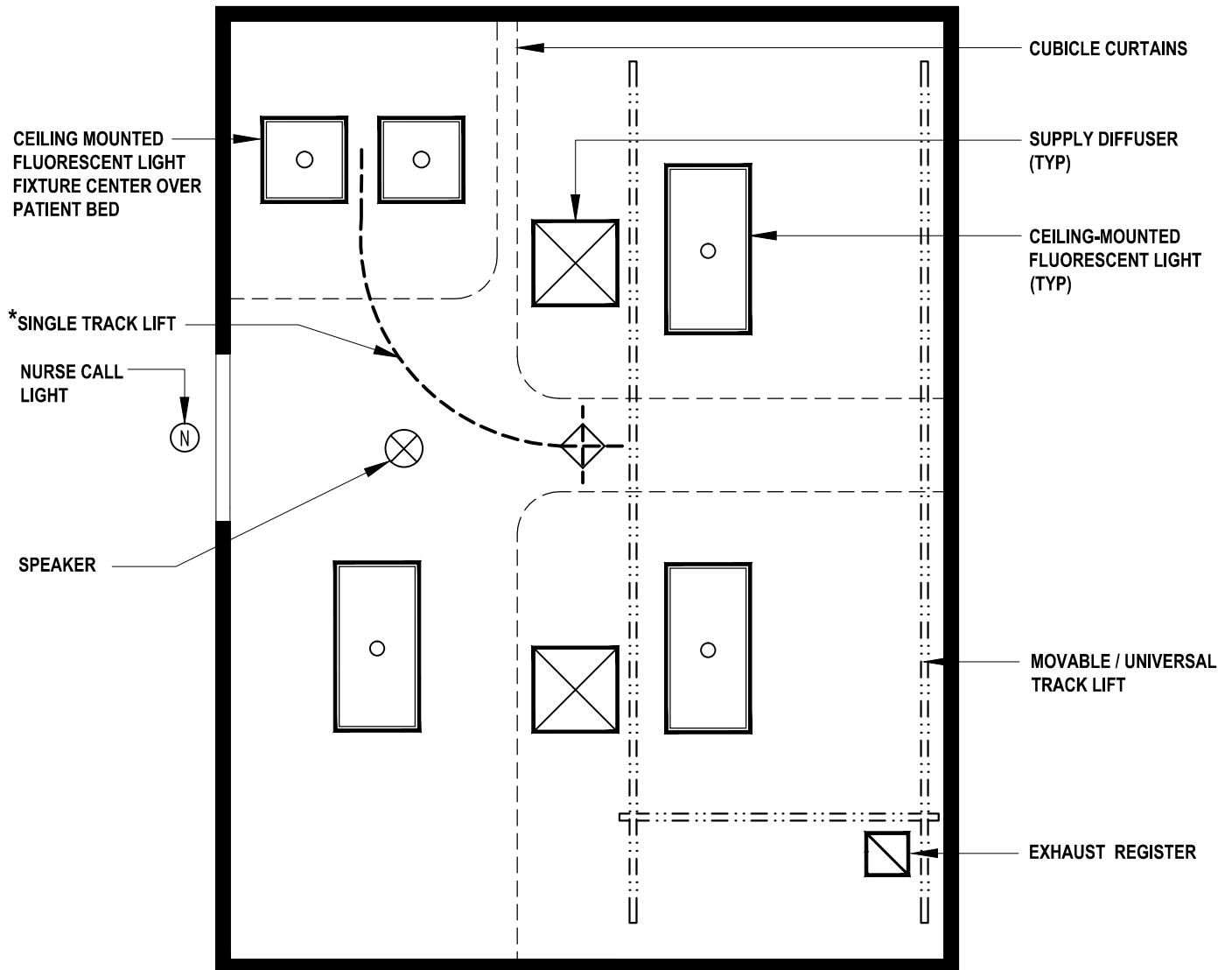
8. Hydrotherapy/Tubroom (PTWT1) Floor Plan



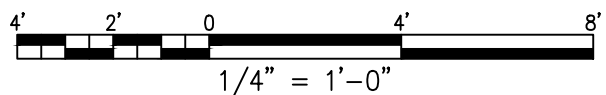
380 NSF (35.4 NSM)



8. Hydrotherapy/Tubroom (PTWT1) Reflected Ceiling Plan



380 NSF (35.4 NSM)



8. Hydrotherapy/Tubroom (PTWT1)

Space Requirement:

380 NSF (35.4 NSM)

Architectural:

Floor Finish:	Ceramic Tile (slip-resistant)
Base:	Ceramic Tile
Wall Finish:	GWB/4'-0" Ceramic Wainscot
Ceiling:	Acoustical Tile/Special-Faced
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	30
Slab Depression:	4" for ceramic tile sloped to drain.
Special Construction:	-
Hardware:	5
Doors:	4'-0" (1219 mm) x 7'- 0" (2134 mm) wood or metal
Windows:	None

HVAC:

Temperature/Humidity:	
Summer:	78°F (26°C)
Winter:	82°F (28°C)
Min. Air Changes/Hour:	10 ACH (100% exhaust)
Pressure:	Negative (-)
Max Noise Criteria:	40

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Emergency Power:	
One Ceiling Light	
Nurse Call	

8. Hydrotherapy/Tubroom (PTWT1)

Equipment Table:

A - Not Applicable.

B - Not Applicable.

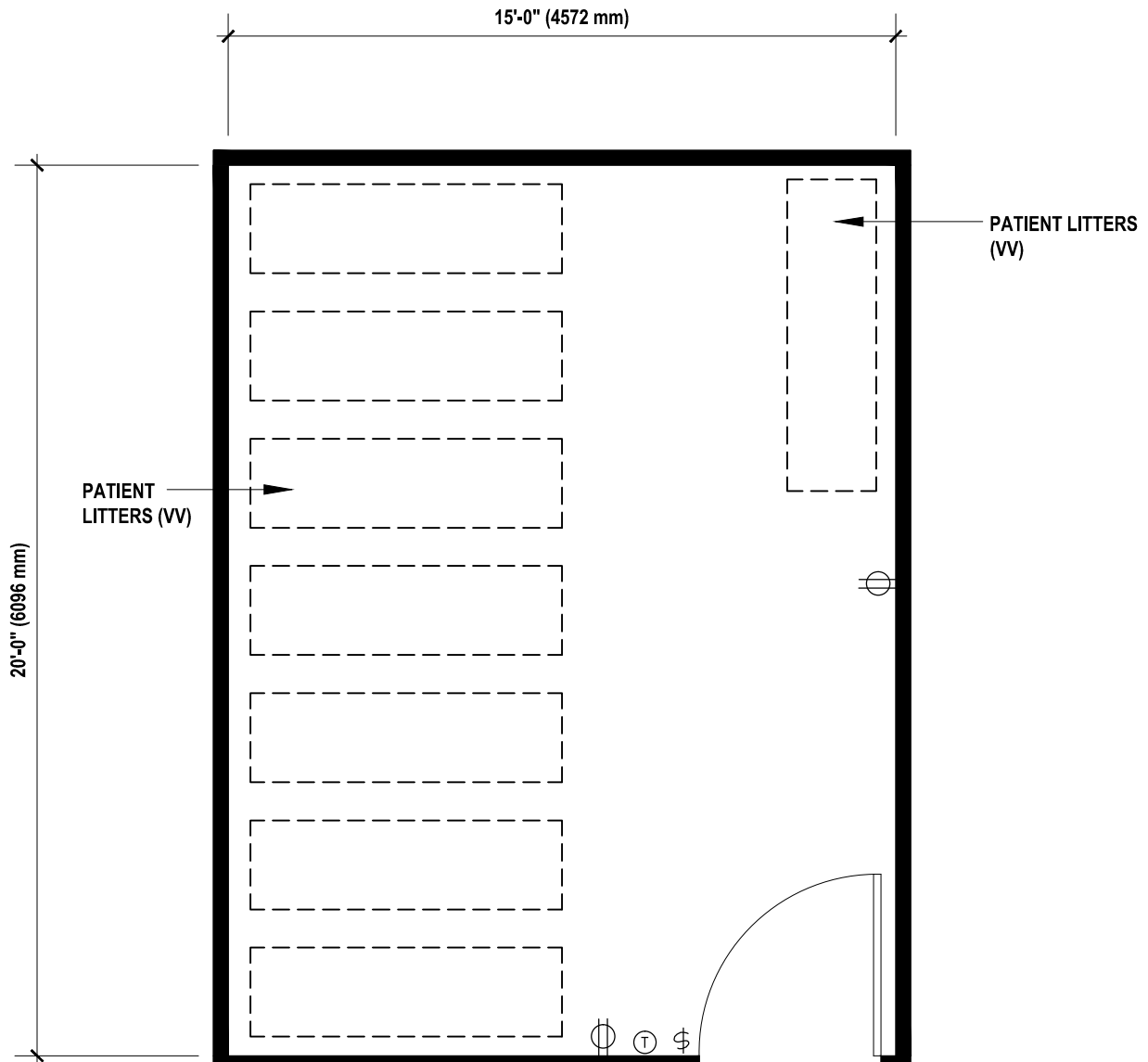
C - Physical Therapy Clinics for Spinal Cord Injury/Disorders Centers of 61-100 Beds.

D - Physical Therapy Clinics for Spinal Cord Injury/Disorders Centers of over 100 Beds.

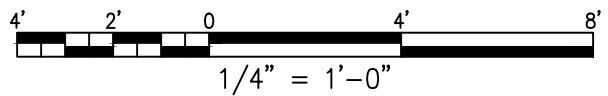
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
			2	3	CF	TANK, HYDROTHERAPY WHIRLPOOL, FULLBODY IMMERSION, ADJUSTABLE (CURVILINEAR OR RECTANGULAR) APPROX. OUTSIDE DIMENSIONS LENGTH OF TANK 102", WIDTH AT HEAD END 74", DEPTH OF TANK 38", HEIGHT FLOOR TO RIM 34" (PG-18-1, MCS 11491) PG-18-6, SD 11491-1.DWG)
			2	3	CC	HOIST, OVERHEAD WITH CRADLE, ¼ HP MOTOR FOR EACH TANK (TO EXTEND BEYOND TANK) OPTIONAL - DEPENDS ON FULLBODY TANK PURCHASED (PG-18-1, MCS 11491)
			AR	AR	VV	CURTAIN, CUBICLE
P-413			1	1	CC	LAVATORY, STRAIGHT, BACK, WRIST CONTROL, ELECTRONIC SENSOR CONTROL FAUCET WITH RIGID GOOSENECK SPOUT, 20" X 18" & 3-1/2" APRON (PG-18-1, MCS 15450)
			1	1	CC	MIRROR, 16" X 20", WITH INTEGRAL SHELF, OVER LAVATORY (PG-18-1, MCS 10800; H-08-4, SD 15)
			1	1	VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
			1	1	CC	DISPENSER, PAPER TOWEL AND DISPOSAL COMBINATION UNITS (PG-18-1, MCS 10800)
			AR	AR	VV	RECEPTACLE, WASTE, STEP ON TYPE, APPROX. 12" DIAMETER
			2	2	CC	DRAIN, FLOOR (PLUMBING DESIGN CRITERIA AND INSTRUCTIONS)
			2	2	VV	TRUCK, CANVAS (LAUNDRY TYPE) APPROX. 48"W X 36"D
HT 102			2	2	CF	BATH, HYDROTHERAPY, WHIRLPOOL, ARM, LEG, HIP, COMBINATION STATIONARY, APPROX. 20"W X 36"L X 28"D (PG-18-1, MCS 11491; H-08-6, ES 517)
HT 103			2	2	CF	BATH, HYDROTHERAPY, WHIRLPOOL, "LOW PROFILE", STATIONARY, APPROX. 24"W X 60"L X 18"D (H-08-1, MCS 11491; PG-18-6, SD 11491-1.DWG)
			3	3	CF	STOOL, STAINLESS STEEL, REVOLVING
			1	1	VV	CLOCK, BATTERY OPERATED
			AR	AR	CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP, WITH GROUND FAULT INTERRUPTER, ADJACENT TO LAVATORY (PG-18-1, MCS 16140)
			AR	AR	CC	NURSE CALL-EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
			AR	AR	CC	LIGHT, FLUORESCENT, GENERAL LIGHTING, (PG-18-1, MCS 16150)
			AR	AR	CC	CEILING LIFT SYSTEM
			AR	AR	CC	TOWEL BAR
			AR	AR	CC	CLOTHES HOOK

TABLE 3.14
HYDROTHERAPY/TUBROOM (PTWT1)

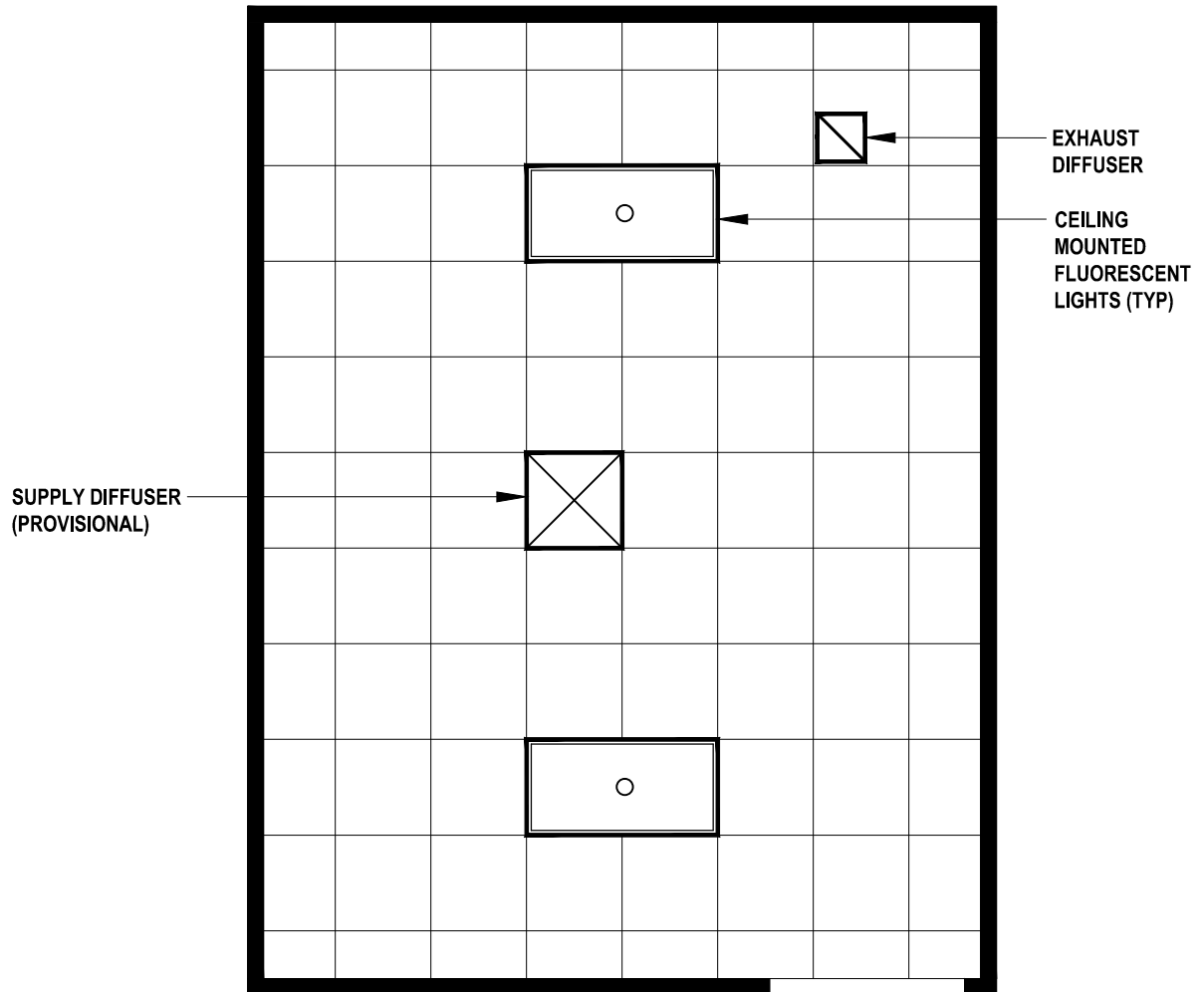
9. Litter Storage (SRLW1) Floor Plan



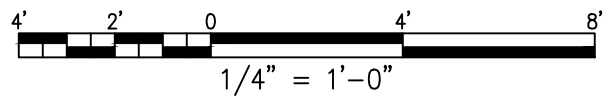
300 NSF (27.9 NSM)



9. Litter Storage (SRLW1) Reflected Ceiling Plan



300 NSF (27.9 NSM)



9. Litter Storage (SRLW1)

Space Requirement:

300 NSF (27.9 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard/Paint
Ceiling:	Acoustical Tile
Ceiling Height:	8'-0" (2438 mm)
Noise (STC Rating):	30
Slab Depression:	None
Special Construction:	-
Hardware:	13
Doors:	4'-0" (1219 mm) x 7'-0" (2134 mm) wood or metal, optional glass view panel.
Windows:	None Required

HVAC:

Temperature/Humidity:	
Summer:	78°F (26°C)
Winter:	70°F (21°C)
Min. Air Changes/Hour:	6 ACH (100% exhaust)
Pressure:	Negative (-)
Max Noise Criteria:	40

NOTES:

1. Room temperature control is optional.

Electrical:

Lighting Levels:	
Gen. Illum:	20fc
Emergency Power:	-

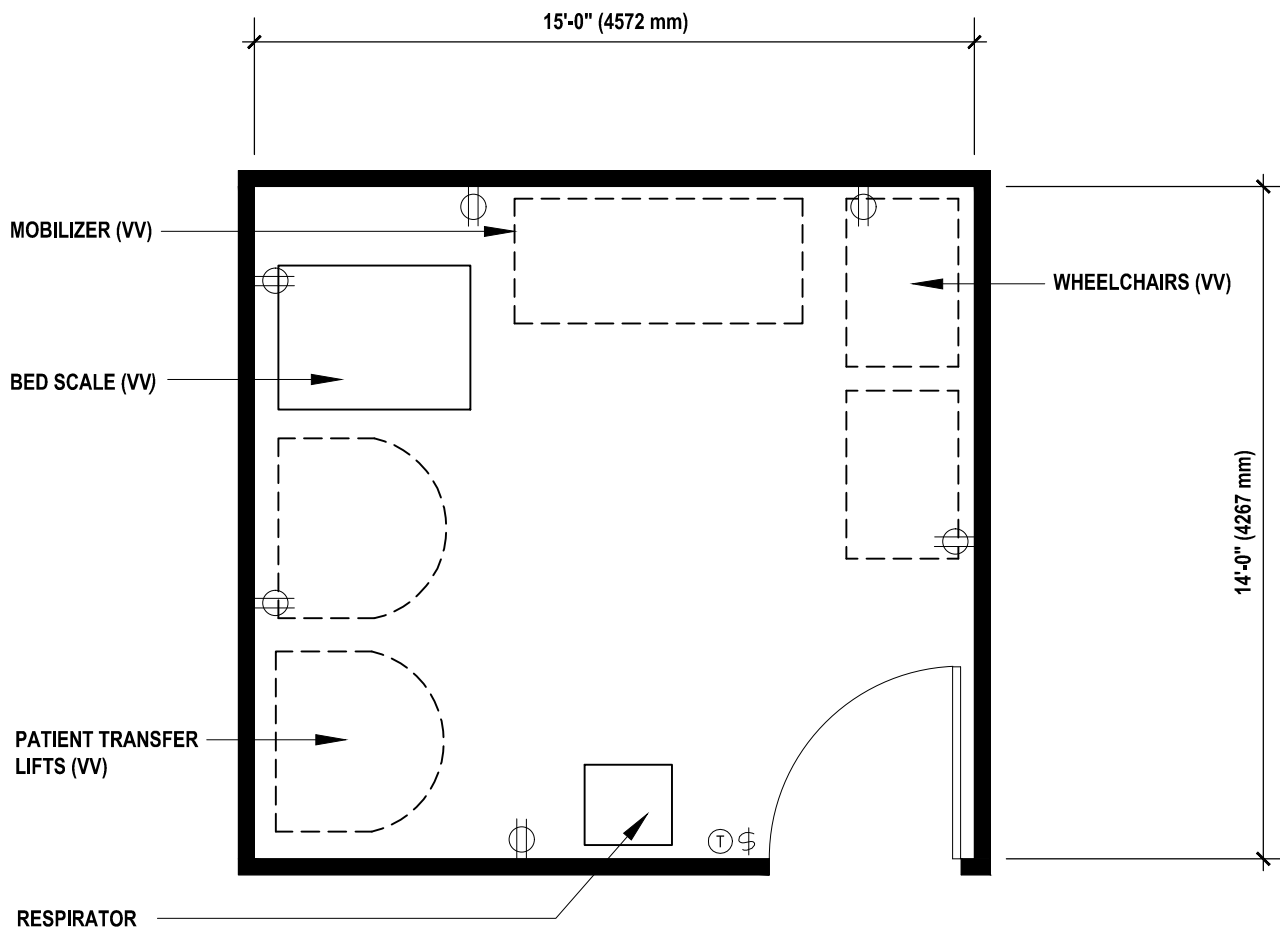
9. Litter Storage (SRLW1)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	AR	AR			VV	LITTER, APPROXIMATELY 24" x 72"
	AR	AR			VV	GURNEY, MANUAL
	AR	AR			VV	GURNEY, ELECTRIC
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)

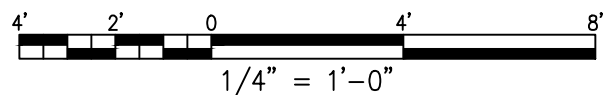
TABLE 3.9
LITTER STORAGE (SRLW1)

10. Transfer Equipment Storage (SRE01) Floor Plan



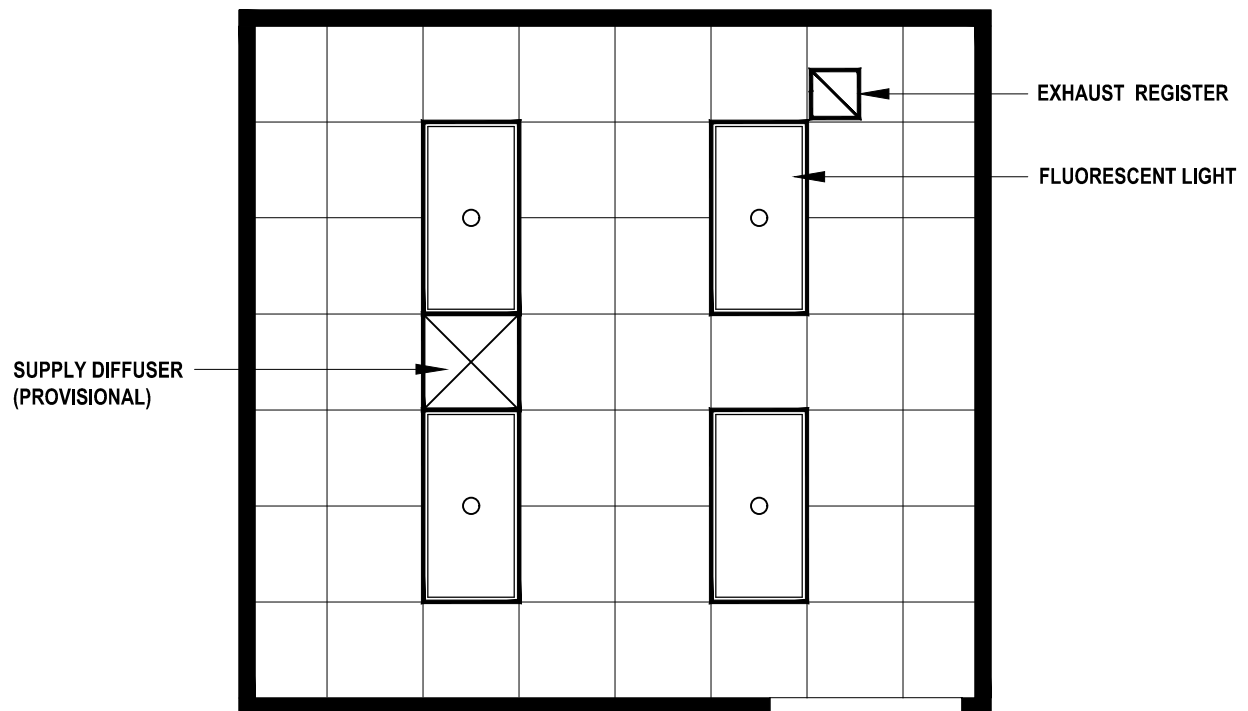
Note: Room size is variable, see project-specific program for actual size.

210 NSF (19.5 NSM)

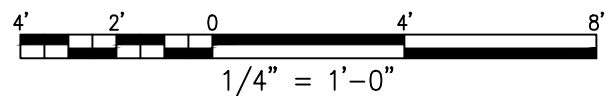


10. Transfer Equipment Storage (SRE01)

Reflected Ceiling Plan



210 NSF (19.5 NSM)



10. Transfer Equipment Storage (SRE01)

Space Requirement:

210 NSF (19.5 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard/Paint
Ceiling:	Acoustical Tile
Ceiling Height:	8'-0" (2438 mm)
Noise (STC Rating):	30
Slab Depression:	None
Special Construction:	-
Hardware:	13
Doors:	4'-0" (1219 mm) x 7'-0" (2134 mm) wood or metal, optional glass view panel.
Windows:	None Required

HVAC:

Temperature/Humidity:	
Summer:	78°F (26°C)
Winter:	70°F (21°C)
Min. Air Changes/Hour:	4 ACH (100% exhaust)
Pressure:	Negative (-)
Max Noise Criteria:	40

NOTES:

1. Room temperature control is optional.

Electrical:

Lighting Levels:	
Gen. Illum:	20fc
Emergency Power:	-

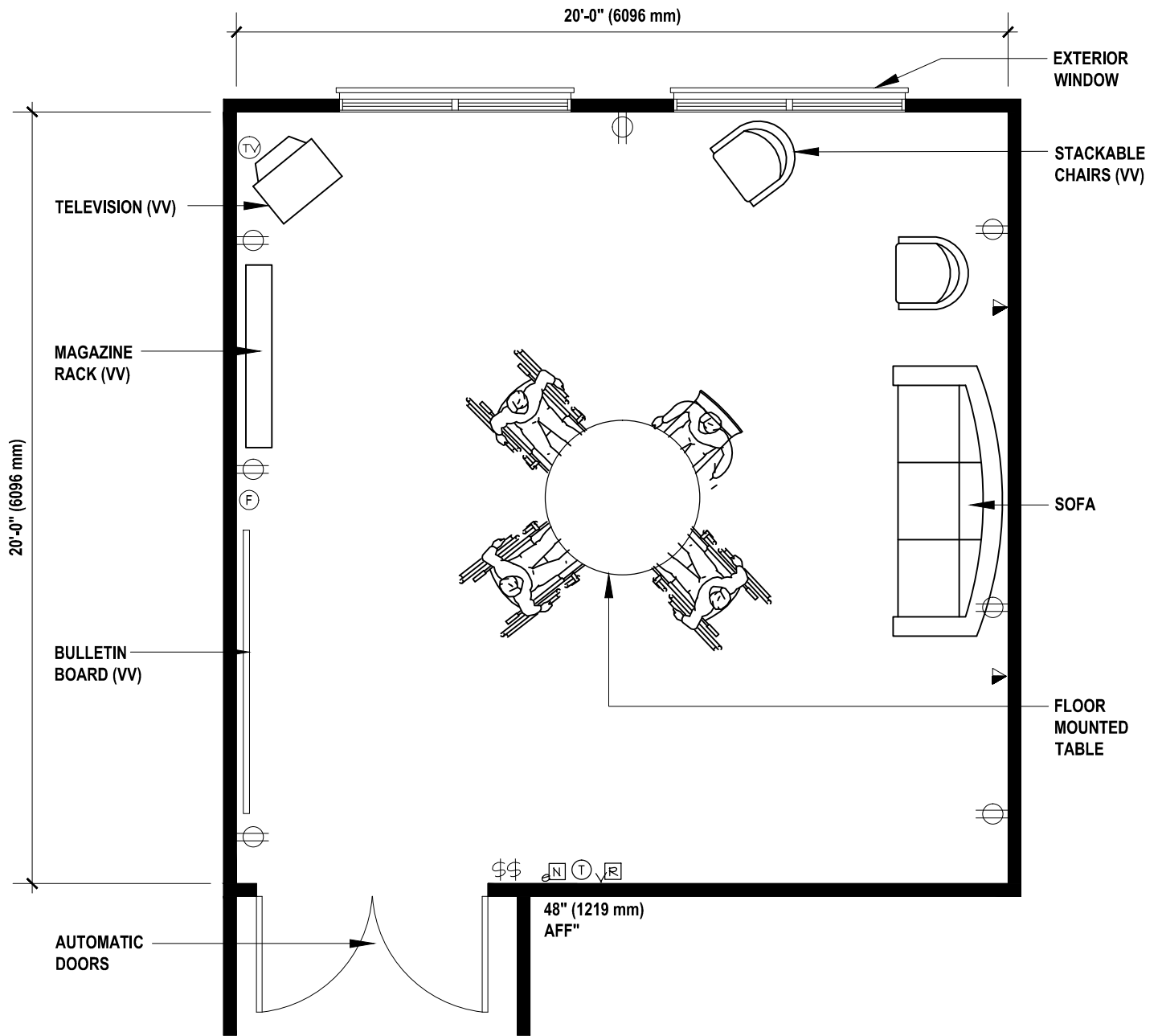
10. Transfer Equipment Storage (SRE01)

Equipment Table:

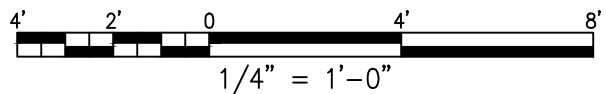
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			VV	MOBILIZER, APPROXIMATELY 36" X 84"
	AR	AR			VV	LIFT, TRANSFER, PATIENT, HYDRAULIC, WITH ACCESSORIES, OR LIFT, PATIENT, SCREW TYPE WITH ACCESSORIES, APPROXIMATELY 36" X 48"
	1	1			VV	PRONE PATIENT BED SCALE, APPROXIMATELY 36" X 48"
	AR	AR			VV	WHEELCHAIR, ELECTRIC
	AR	AR			VV	WHEELCHAIR, STANDARD
	AR	AR			VV	RESPIRATOR, APPROXIMATELY 18" X 18"
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING, (PG-18-1, MCS 16510)

TABLE 3.10
TRANSFER EQUIPMENT STORAGE (SRE01)

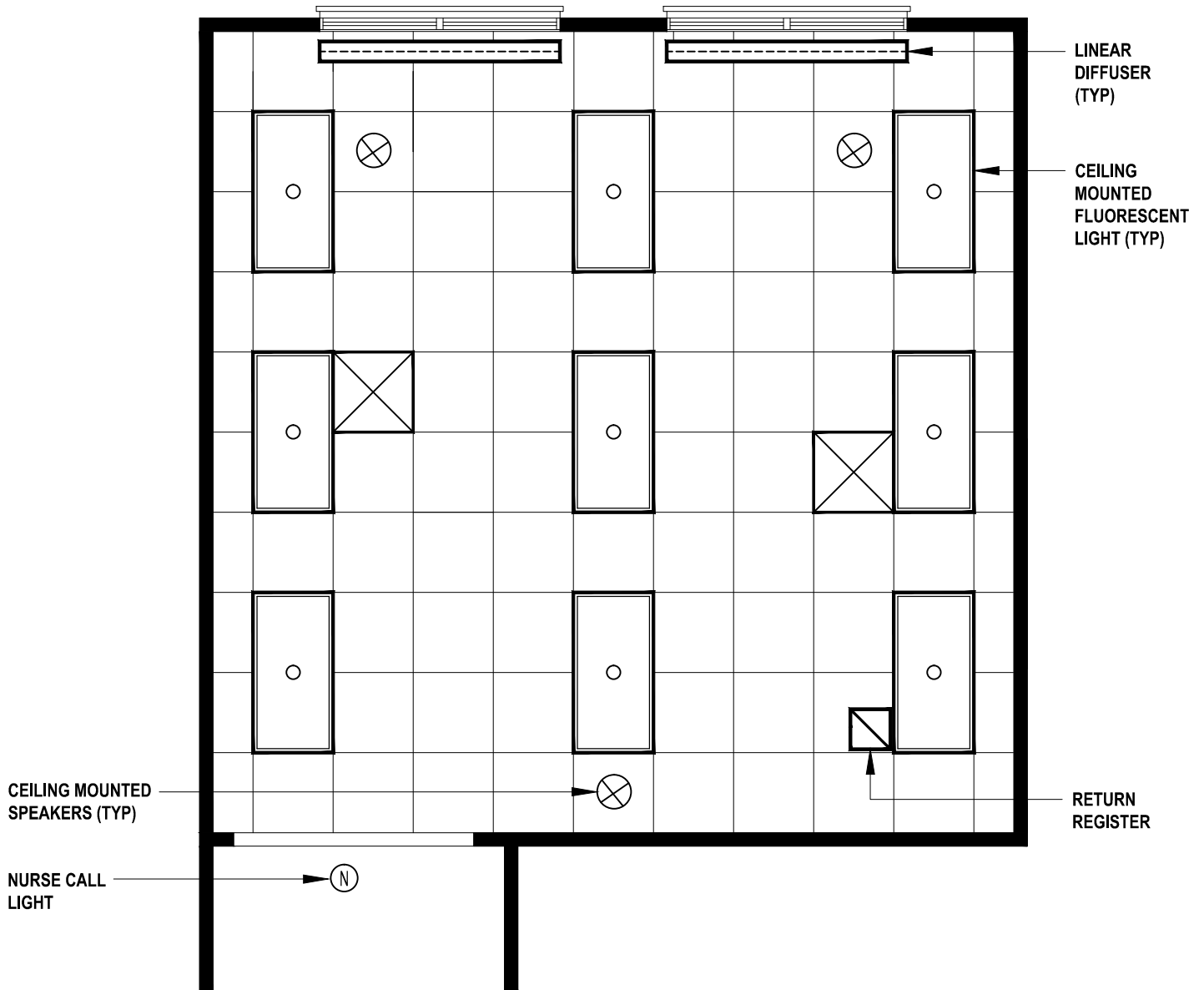
11. Day Room/Lounge (DAYR1) Floor Plan



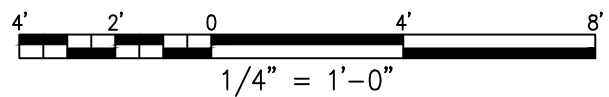
400 NSF (37.2 NSM)



11. Day Room/Lounge (DAYR1) Reflected Ceiling Plan



400 NSF (37.2 NSM)



11. Day Room/Lounge (DAYR1)

Space Requirement:

400 NSF (37.2 NSM)

Architectural:

Floor Finish: Vinyl Composition Tile
Base: Vinyl
Wall Finish: GWB/Vinyl Fabric Wallcovering
Ceiling: Acoustical Tile
Ceiling Height: 9'-0" (2743 mm)
Noise (STC Rating): 35
Slab Depression: None
Special Construction: -
Hardware: 5
Doors: 2@3'-0" (914 mm) x 7'-0" (2134 mm)
Wood or metal, upper half-laminated safety glass.
Windows: Desirable, see H-08-3, CS-31-1 & CD-35.

HVAC:

Temperature/Humidity:
Summer: 72°F (22°C) @60%RH
Winter: 82°F (28°C) @20%RH
Min. Air Changes/Hour: 6 ACH
Pressure: Neutral (0)
Max Noise Criteria: 35

Electrical:

Lighting Levels:
Three Level Fluorescent:
High: 60fc
Med: 45fc
Low: 20fc
Incandescent
Wall-Washers
on Dimmer: 0fc-5fc
Emergency Power:
One Ceiling Light
Nurse Call

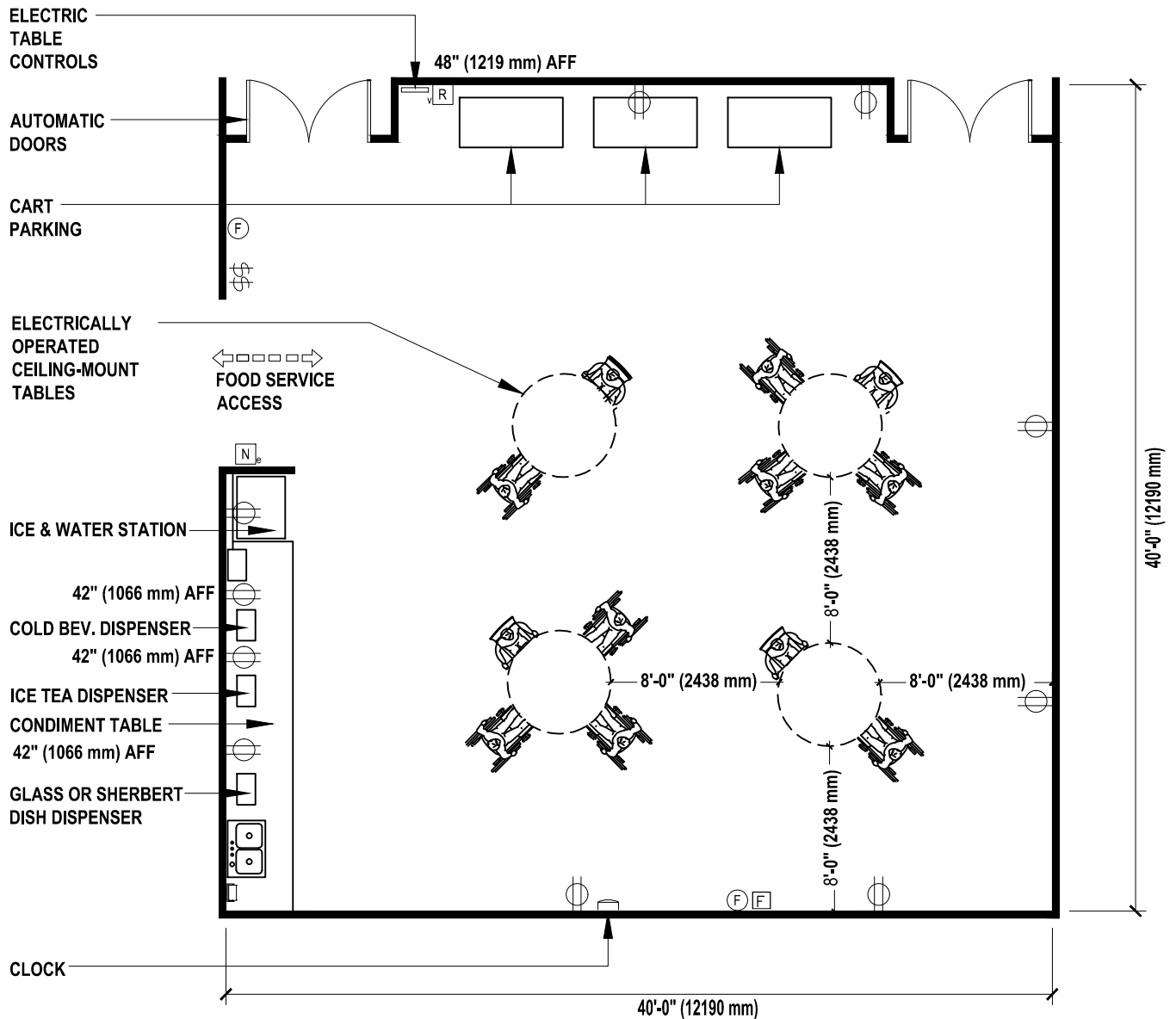
11. Day Room/Lounge (DAYR1)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			CC	RECEPTACLE, ELECTRICAL, FOR TELEVISION RECEIVER 120 VOLT 20 AMP (PG-18-1, MCS 16140)
	1	1			CC	OUTLET, MASTER TELEVISION ANTENNA (PG-18-1, MCS 16781)
	1	1			VV	RECEIVER, TELEVISION 120 VOLT, 20 AMP
	1	1			CC	SPEAKER, WITH CHANNEL SELECTOR AND VOLUME CONTROL, HOSPITAL RADIO SYSTEM (PG-18-1, MCS 16771)
	1	1			CC	CALL, NURSES-EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
	1	1			VV	CLOCK, BATTERY OPERATED
	AR	AR			VV	DRAPES, WINDOW
	AR	AR			CC	TRACK, DRAPERY, INSTALL ACCORDING TO DESIGN (PG-18-1, MCS 12501)
	2	2			CC	TABLE, SUSPENDED, 60" DIAMETER (SEE ARCHITECTURAL AND ELECTRICAL SERVICE FOR REQUIREMENTS FOR SUSPENDED TABLE)
	AR	AR			VV	MAGAZINE RACK, 48" LONG
	1	1			CC	DISPENSER, CUP, PAPER, WITH BUILT-IN WASTE CUP RECEPTACLE (PG-18-1, MCS 10800)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1	1			VV	BULLETIN BOARD, 40"W X 36"H
	AR	AR			CC	FIRE ALARM STATION, AUDIO & VISUAL DEVICE, WALL MOUNTED (PG-18-1, MCS 16721)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHT (PG-18-1, MCS 16510)
	AR	AR			CC	BOTTLED WATER DISPENSER
	1	1			VV	SOFA, 1 SEAT UPHOLSTERED, APPROXIMATELY 83"W X 33"D X 28"H
	AR	AR			VV	EASY CHAIR, UPHOLSTERED, REGULAR

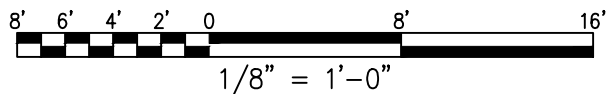
TABLE 3.11
DAY ROOM/LOUNGE (DAYR1)

12. Resident Dining/Serving (FSCD1) Floor Plan

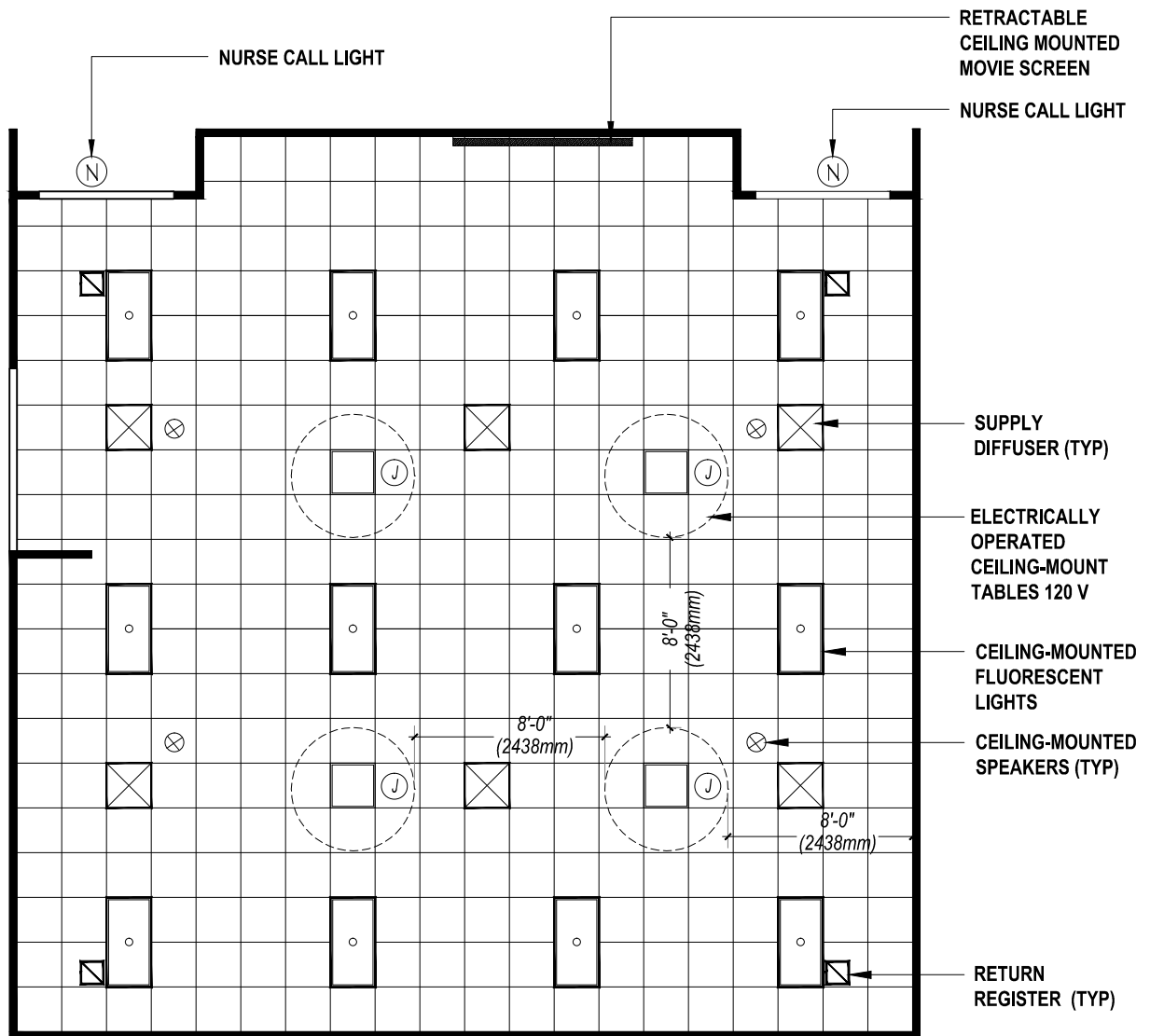


1600 NSF (148.6 NSM)

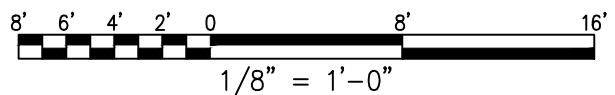
Note: Exterior Access to picnic area is desirable



12. Resident Dining/Serving (FSCD1)
 Reflected Ceiling Plan



1600 NSF (148.6 NSM)



12. Resident Dining/Serving (FSCD1)

Space Requirement:

1600 NSF (148.6 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	GWB/Vinyl Fabric Walkover
Ceiling:	Acoustical Tile
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	35
Slab Depression:	None
Special Construction:	-
Hardware:	82
Doors:	2@3'-0" (914 mm) x 7'-0" (2134 mm) wood or metal, upper half=laminated safety glass.
Windows:	Very desirable, see PG-18-3, Topic 1, Codes and Standards.

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Negative (-)
Max Noise Criteria:	40

NOTES:

1. Provide linear diffusers at exposed window locations (where applicable).

Electrical:

Lighting Levels:	
Three Level Illuminations:	
High:	30fc
Med:	20fc
Low:	10fc
Emergency Power:	
Two Ceiling Lights	
Night Lights	

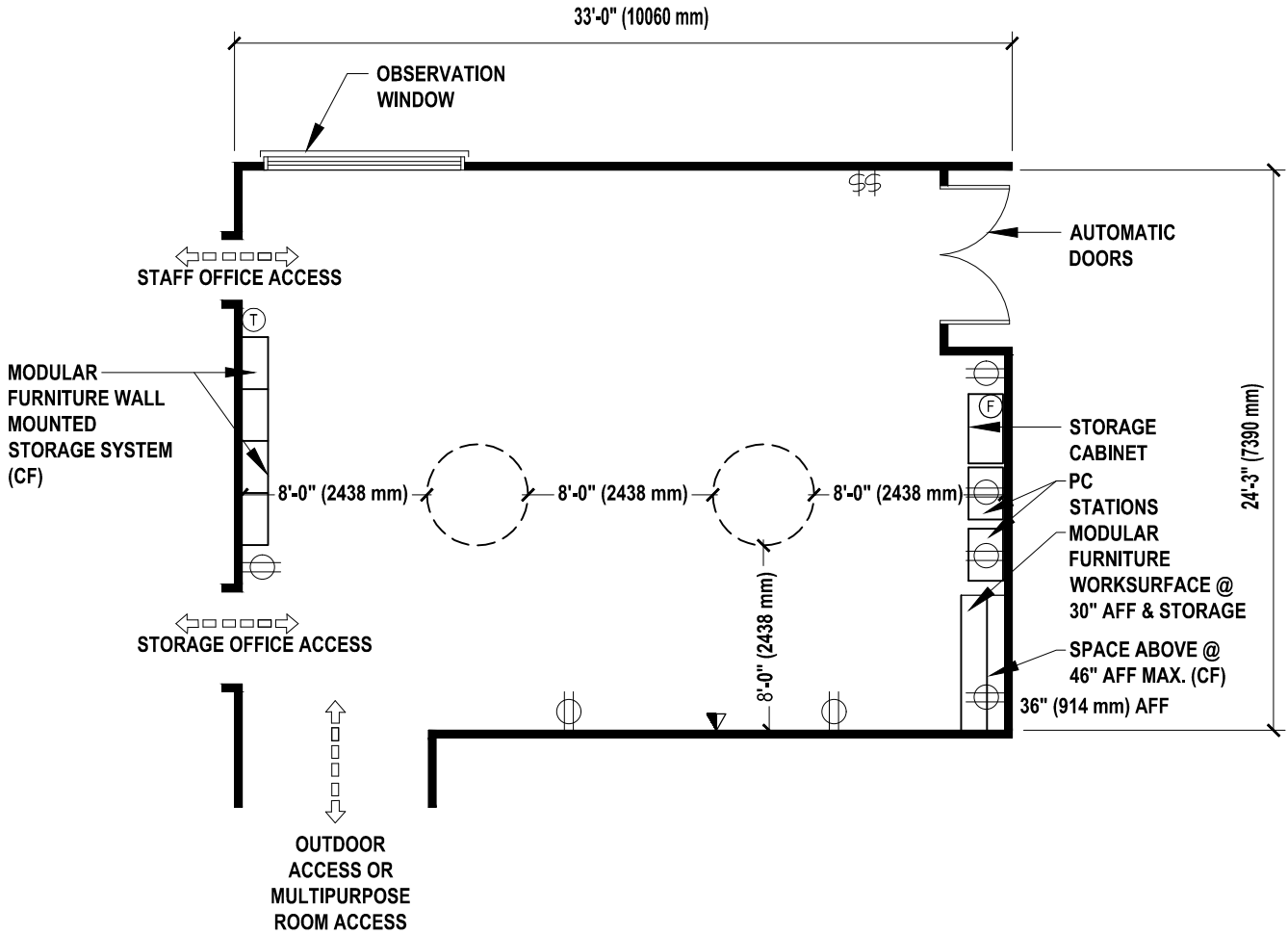
12. Resident Dining/Serving (FSCD1)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	AR	AR			VV	CHAIR, DINING, APPROX. 18"W X 18"D
	AR	AR			CC	TABLE, SUSPENDED, 60" DIAMETER (SEE ARCHITECTURAL AND ELECTRICAL SERVICE FOR REQUIREMENTS FOR SUSPENDED TABLE)
	1	1			VV	CLOCK, BATTERY OPERATED
	1	1			CC	SPEAKER, WITH CHANNEL SELECTOR AND VOLUME CONTROL, HOSPITAL RADIO SYSTEM (PG-18-1, MCS 16771)
	1	1			CC	SCREEN, PROJECTION, CEILING MOUNTED, 70" X 70" (PG-18-1, MCS 11131)
	AR	AR			CC	CALL, NURSES- EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)
	AR	AR			CC	FIRE ALARM STATION AUDIO & VISUAL DEVICE WALL MOUNTED (PG-18-1, MCS 16721)
	AR	AR			CC	SERVICE LINE ELEMENTS/ ICE MAKER/DISPENSER, COLD BEVERAGE DISPENSER, COUNTERS ETC.

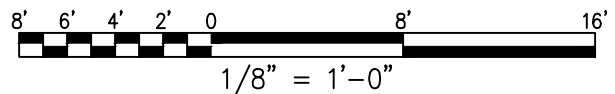
TABLE 3.12
RESIDENT DINING/SERVING (FSCD1)

13. Multipurpose Room (XXXXC) Floor Plan

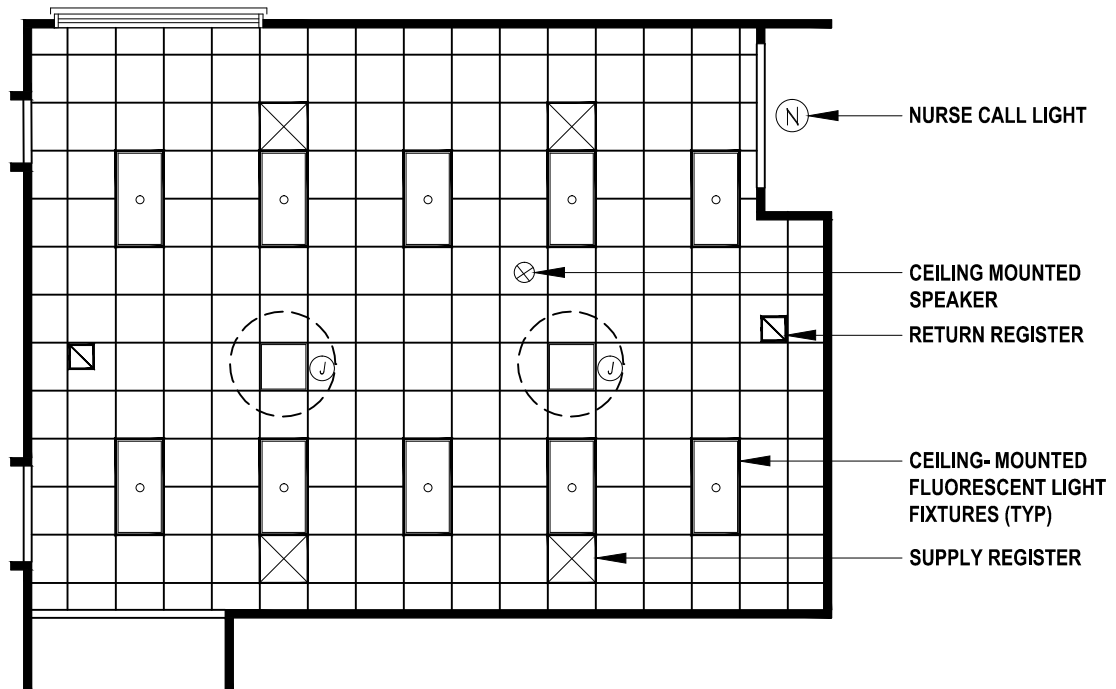


- Note: 1. Access to an Outdoor recreational area is required.
- 2. Access from multipurpose recreational is desired.
- 3. Room size is variable, see project-specific program for actual size.

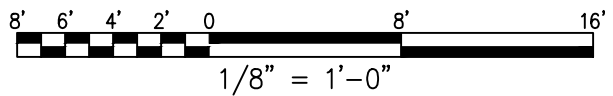
800 NSF (74.3 NSM)



13. Multipurpose Room (XXXXC) Reflected Ceiling Plan



800 NSF (74.3 NSM)



13. Multipurpose Room (XXXXC)

Space Requirement:

800 NSF (74.3 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	GWB/Vinyl Fabric Wall cover
Ceiling:	Acoustical Tile
Ceiling Height:	10'-0" (3047 mm)
Noise (STC Rating):	45
Slab Depression:	None
Special Construction:	-
Hardware:	82
Doors:	2@3'-0" (914 mm) x 7'-0" (2134 mm) wood or metal, upper half=laminated safe glass.
Windows:	Desirable, see PG-18-3, Topic 1, Codes and Standards.

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Neutral (0)
Max Noise Criteria:	40

Electrical:

Lighting Levels:

Three Level Illuminations:

High:	50fc
Med:	30fc
Low:	15fc

Emergency Power:

One Ceiling Light for each space, on either side of folding partition.
Nurse Call

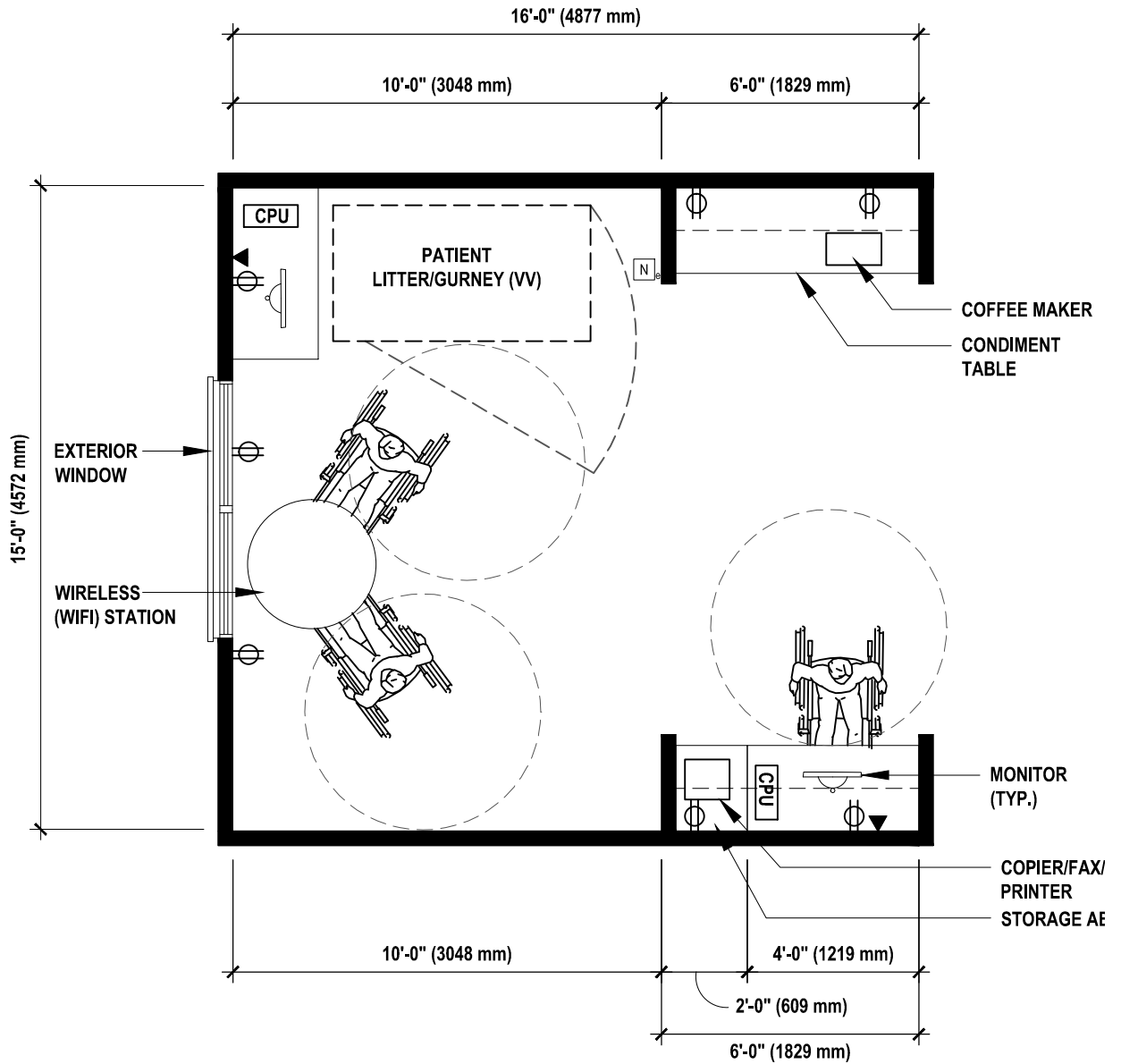
13. Multipurpose Room (XXXXC)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			CC	DOOR, FOLDING
	1	1			VV	TABLE, POOL
	1	1			CC	FIXTURE, LIGHTING, FLUORESCENT, DROP TYPE, OVER POOL TABLE (PG-18-1, MCS 16510)
	1	1			VC	RACK, CUE, WALL MOUNTED
	AR	AR			VV	TABLE, PING PONG, PORTABLE
	AR	AR			VV	CHAIR, STACKING
	1	1			VV	BULLETIN BOARD, 48" W X 36"H
	AR	AR			VV	SHUFFLEBOARD TABLE 24"W X 96"L X 36"H
	AR	AR			VV	TABLE, GAME, PORTABLE, ELECTRONIC, 120 VOLT, 20 AMP
	AR	AR			VV	TABLE, GAME
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1	1			VV	CLOCK, BATTERY OPERATED
	1	1			CC	TABLE, SUSPENDED, 60" DIAMETER (SEE ARCHITECTURAL AND ELECTRICAL SERVICE FOR REQUIREMENTS FOR SUSPENDED TABLE)
	AR	AR			CC	CEILING SPEAKERS, WITH CHANNEL SELECTOR AND VOLUME CONTROL, HOSPITAL RADIO SYSTEM (PG-18-1, MCS 16771)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTS (PG-18-1, MCS 16510)
	AR	AR			CC	FIRE ALARM STATION, AUDIO & VISUAL DEVICE WALL MOUNTED (PG-18-1, MCS 16721)
	AR	AR			CC	CALL, NURSES EMERGENCY STATION W/ CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)

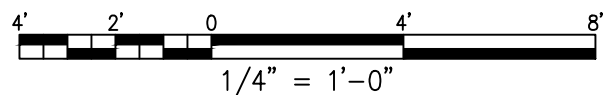
TABLE 3.13
MULTIPURPOSE ROOM (XXXXC)

14. Internet Café (XXXXX) Floor Plan

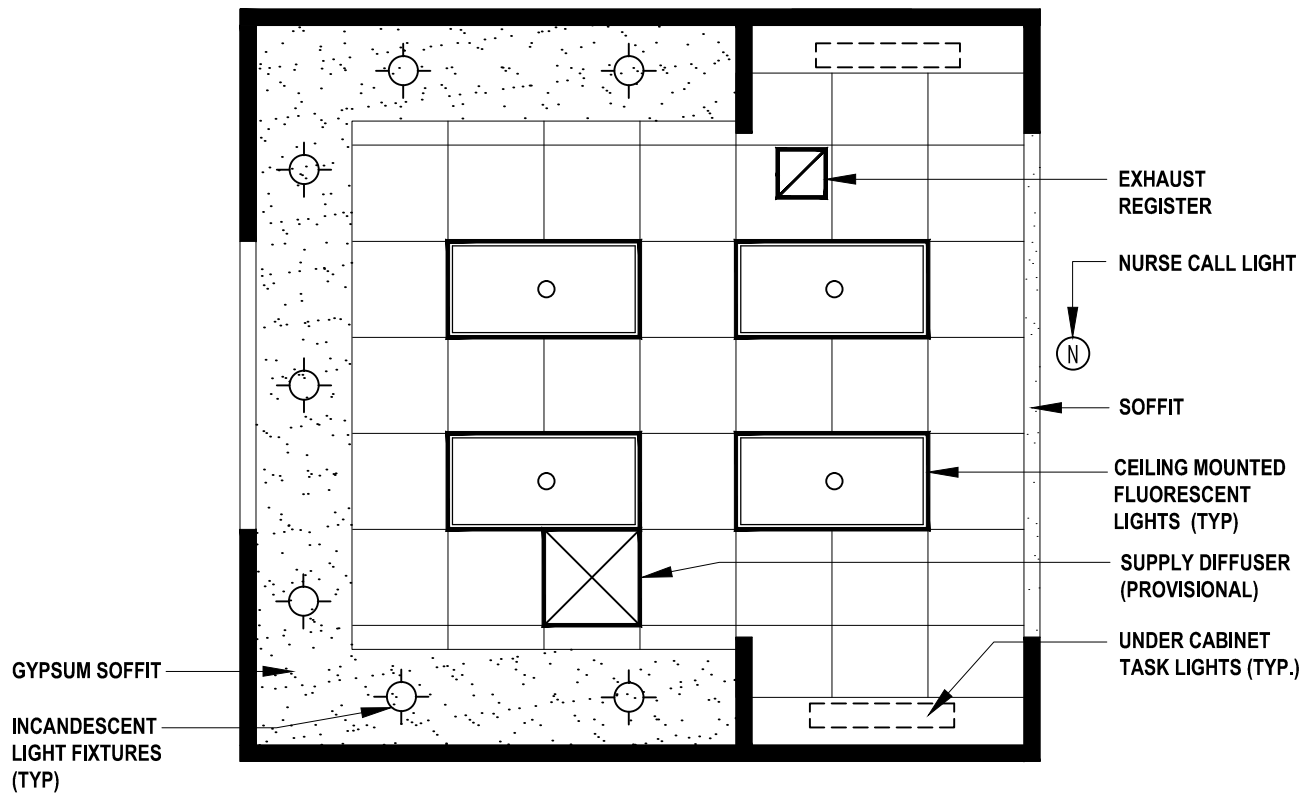


Note: Vicinity to Multipurpose/Dining Room is desirable, to facilitate easy access to refreshments.

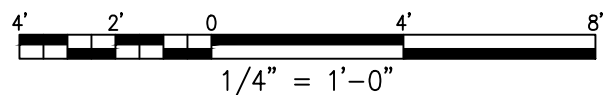
240 NSF (22.3 NSM)



14. Internet Café (XXXXX) Reflected Ceiling Plan



240 NSF (22.3 NSM)



14. Internet Café (XXXXX)

Space Requirement:

240 NSF (22.3 NSM)

Architectural:

Floor Finish: Vinyl Composition Tile
Base: Vinyl
Wall Finish: Gypsum Wallboard – Vinyl Coated Fabric Wallcovering
Ceiling: Acoustical Tile
Ceiling Height: 9'-0" (2743 mm)
Noise (STC Rating): 35
Slab Depression: None
Special Construction: -
Hardware: -
Doors: None Required
Windows: Desirable, see PG-18-3, Topic 1, Codes and Standards.

HVAC:

Temperature/Humidity:
Summer: 72°F (22°C) @60%RH
Winter: 82°F (28°C) @20%RH
Min. Air Changes/Hour: 6 ACH
Pressure: Neutral (0)
Max Noise Criteria: 35

Electrical:

Lighting Levels:
Three Level Fluorescent:
High: 60fc
Med: 45fc
Low: 20fc
Incandescent
Wall-Washers
on Dimmer: 0fc-5fc
Emergency Power:
One Ceiling Light
One Receptacle
Nurse Call

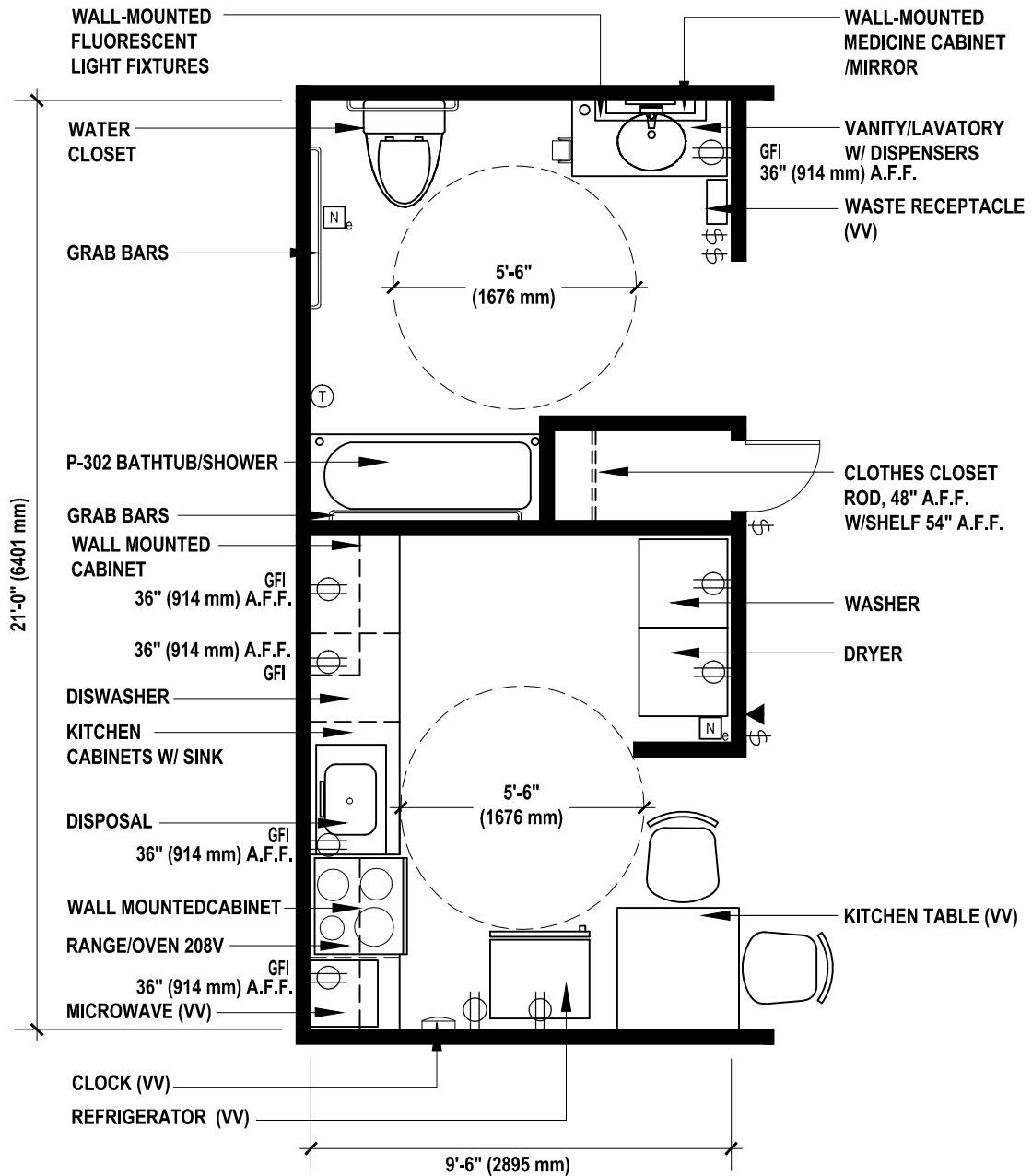
14. Internet Café (XXXXX)

Equipment Table:

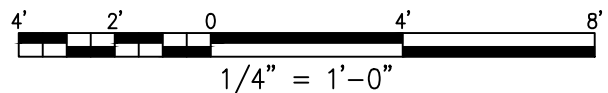
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
		AR			CC	COUNTER WITH STORAGE CABINETS ABOVE, WALL MOUNTED
		AR			VV	CPU'S
		AR			VV	MONITORS
		AR			VV	PRINTER/FAX/COPIER
		AR			VV	CHAIRS
		AR			VV	TABLE
		1			CC	NURSE CALL, EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION
		AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP
		1			VV	COFEE MAKER

TABLE 3.14
INTERNET CAFÉ (XXXXX)

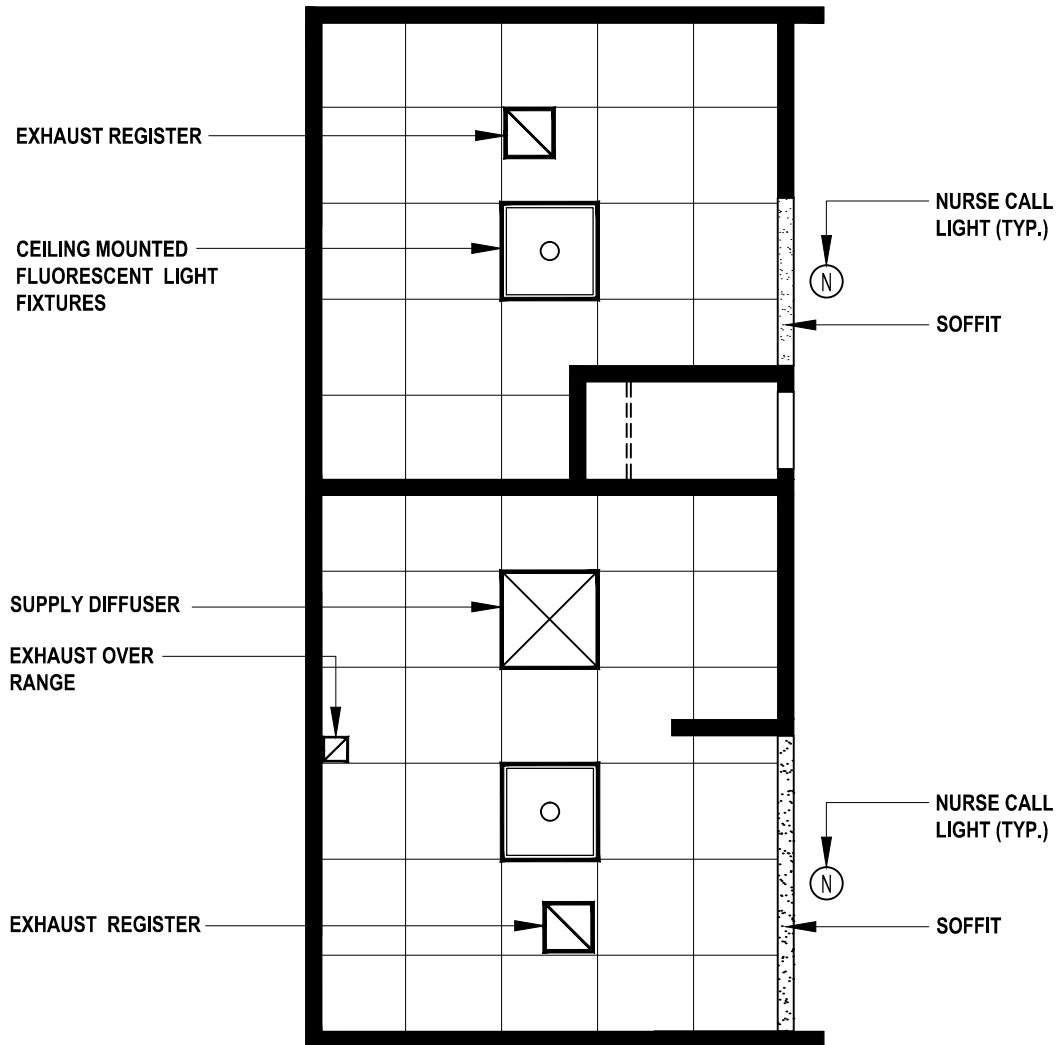
15. Activities of Daily Living (OTDL1) Floor Plan



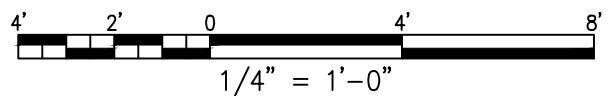
200 NSF (18.6 NSM)



15. Activities of Daily Living (OTDL1) Reflected Ceiling Plan



200 NSF (18.6 NSM)



15. Activities of Daily Living (OTDL1)

Space Requirement:

200 NSF (18.6 NSM)

Architectural:

Floor Finish: Vinyl Composition Tile
Base: Vinyl
Wall Finish: Gypsum Wallboard/Paint
Ceiling: Acoustical Tile
Ceiling Height: 8'-0" (2438 mm)
Noise (STC Rating): 30
Slab Depression: None
Special Construction: -
Hardware: N/A
Doors: None Required
Windows: None Required

HVAC:

Temperature/Humidity:
Summer: 72°F (22°C) @60%RH
Winter: 82°F (28°C) @20%RH
Min. Air Changes/Hour: 6 ACH for Kitchen and Dining (100% exhaust);
10 ACH for Toilet (100% exhaust)
Pressure: Negative (-)
Max Noise Criteria: 40

NOTES:

1. Temperature/Humidity and ACH are listed for Kitchen and Dining area.
2. Since room temperature control is not required for Toilet, Temperature/Humidity is not listed.

Electrical:

Lighting Levels:
Gen. Illum: 20fc



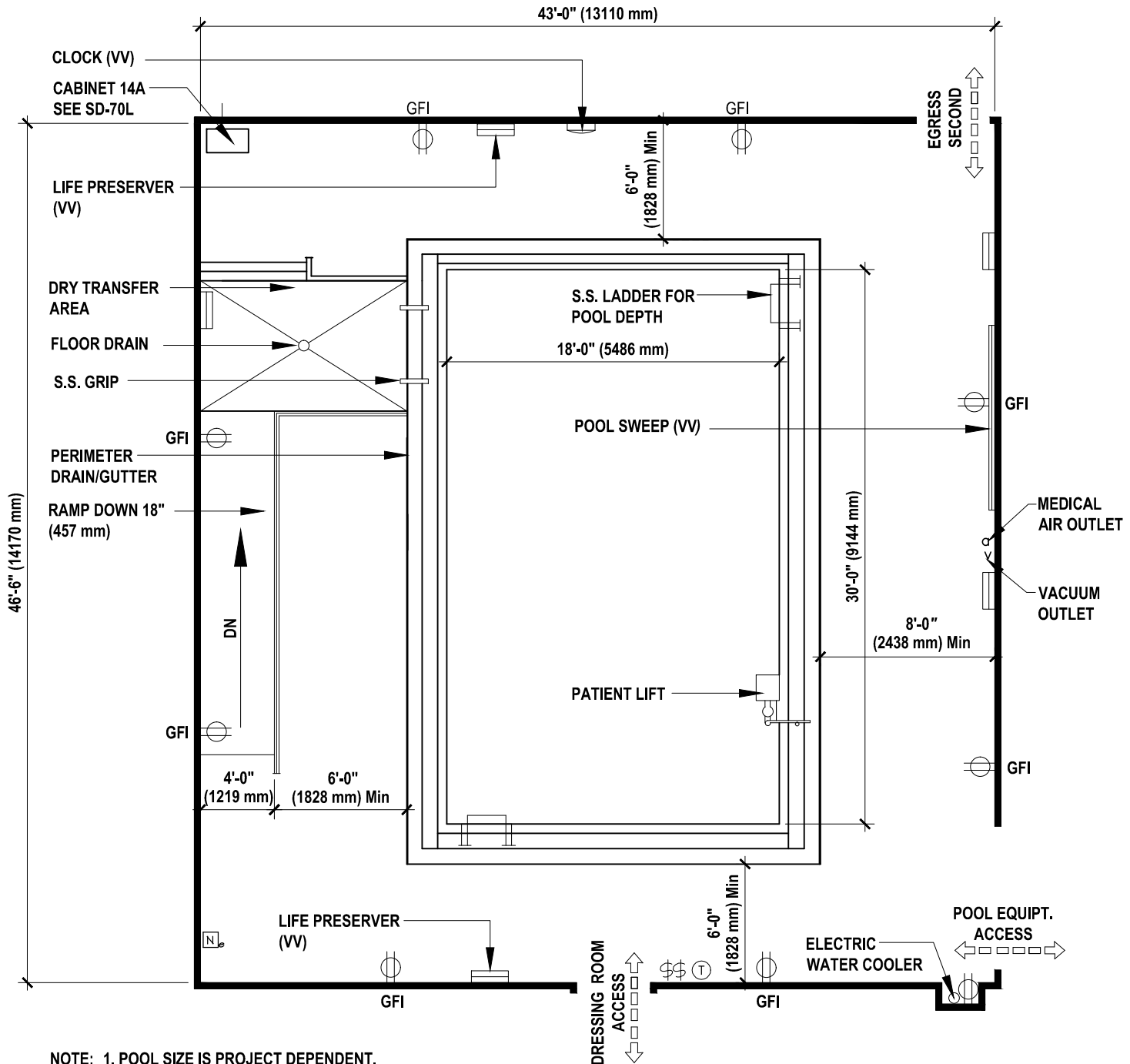
15. Activities of Daily Living (OTDL1)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			CC	CABINET, KITCHEN, BASE, WITH WORK TOP AND SINK, DOMESTIC (PG-18-1, MCS 11450 & 11451)
	1	1			CC	DISPOSAL, WASTE, SINK UNIT (PG-18-1, MCS 11451)
	1	1			CC	CABINET, KITCHEN, WALL MOUNTED, DOMESTIC (PG-18-1, MCS 11450 & 11451)
	1	1			CC	OVEN, ELECTRIC, BUILT IN, SINGLE COMPARTMENT, DOMESTIC, 208 VOLT, 25 AMP SINGLE PHASE, SIDE HINGE
	1	1			CC	RANGE, ELECTRIC, 4 BURNERS, FRONT CONTROLS, DOMESTIC, 208 VOLT, 40 AMP, SINGLE PHASE
	1	1			VV	REFRIGERATOR – FREEZER, DOMESTIC, 120 VOLT, 20 AMP APPROX. 31"W X 28"D X 66"H
	1	1			VV	MICROWAVE OVEN, 120 VOLT, 20 AMP (SIT ON COUNTER)
	1	1			CC	RECEPTACLE, ELECTRICAL, 208 VOLT, 40 AMP (PG-18-1, MCS 16140)
	1	1			CC	DISHWASHER, HOUSEHOLD TYPE, UNDER COUNTER, 120 VOLT, 1.5 KW (PG-18-1, MCS 11450)
	1	1			CC	WASHER, HOUSEHOLD TYPE, 120 VOLT, 1.5 KW (PG-18-1)
	1	1			CC	DRYER, HOUSEHOLD TYPE, 120 VOLT, 1.5 KW (PG-18-1)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX GFI, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1	1			VV	TABLE, KITCHEN, WITH PLASTIC LAMINATE TOP, 40"W X 30"D X APPROX. 30"H.
						NOTE: ALL ABOVE EQUIPMENT ARE WHEELCHAIR ACCESSIBLE
	2	2			VV	CHAIR, STRAIGHT, WITHOUT ARMS, APPROX 30 X 30
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)
	AR	AR			CC	CALL, NURSES EMERGENCY STATION WITH CORRIDOR SIGNAL (PG-18-1, MCS 16761)
					CC	CLOCK
	2	2			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	1	1			VV	DISPENSER, PAPER TOWEL
	1	1			VV	WASTE RECEPTACLE ,CLOSET ROD W/ SHELF
P-415	1	1			CC	VANTY W/ LAVATORY CABINET, MEDICINE CABINET W/ MIRROR
	AR	AR			CC	GRAB BARS (PG-18-1, MCS 10800; PG-18-4, SD 10800-1.DWG)
	1	1			CC	DRAIN, FLOOR (PLUMBING DESIGN CRITERIA AND INSTRUCTIONS)
	AR	AR			CC	BATHTUB/SHOWER, GRAB BARS
	1	1			CC	CLOSET ROD W/ SHELF
	AR	AR			CC	LIGHT, FLUORESCENT 2X2

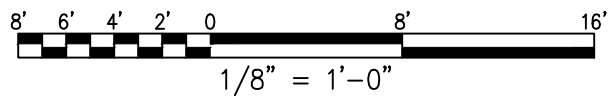
TABLE 3.15
ACTIVITIES OF DAILY LIVING (OTDL1)

16. Therapeutic Pool (PTWT1) Floor Plan



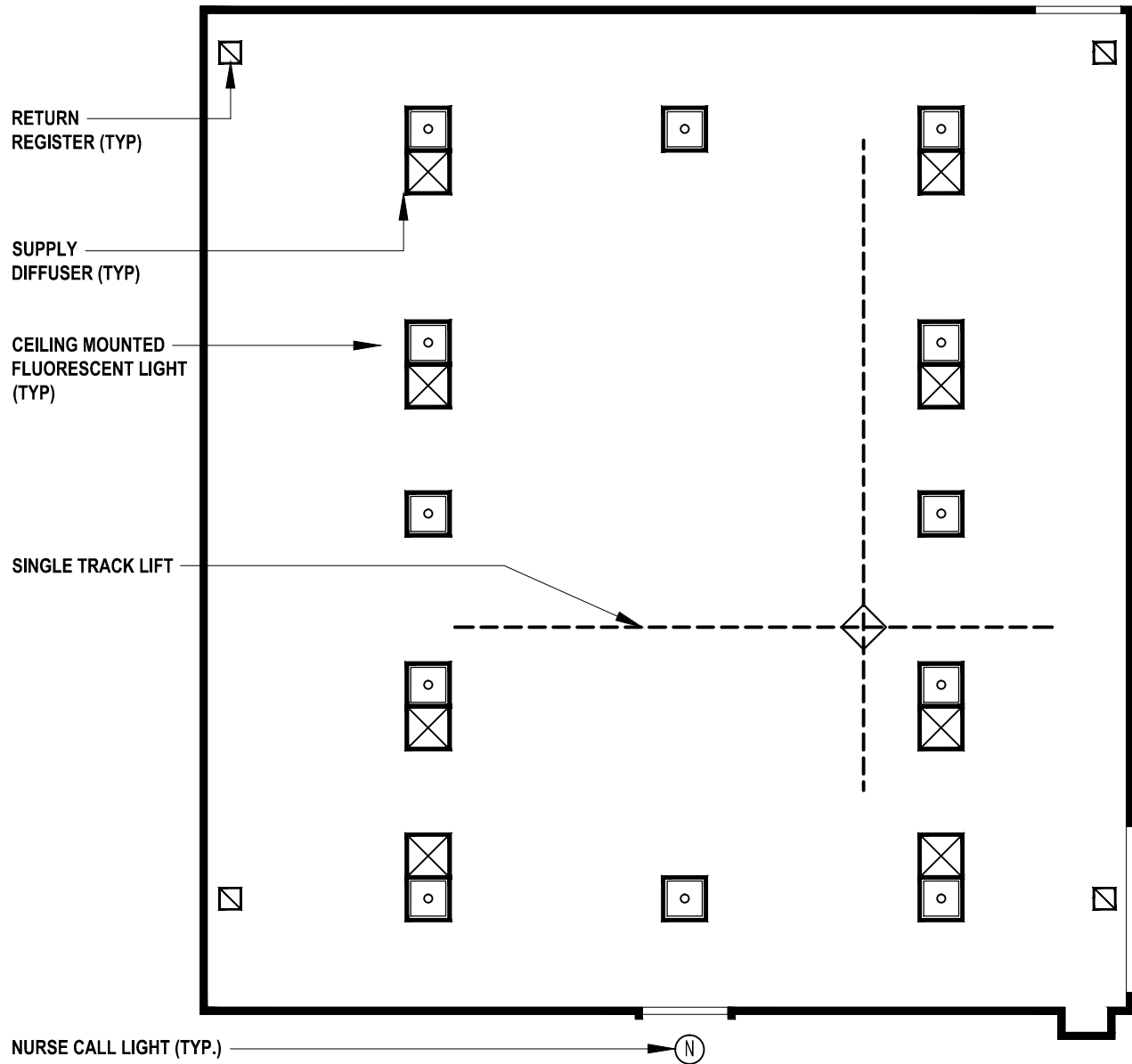
- NOTE: 1. POOL SIZE IS PROJECT DEPENDENT.
 2. HVAC NOTES: i). Provide corrosion-resistant diffusers and registers.
 ii). Provide steam to pool heater.
 iii). Optional Thermostat location, in exhaust air duct.

2000 NSF (204.3 NSM)



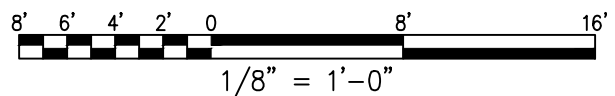
16. Therapeutic Pool (PTWT1)

Reflected Ceiling Plan



- HVAC Notes:
- 1- Provide corrosion-resistant diffusers and registers.
 - 2- Provide steam to pool heater.
 - 3- Optional Thermostat location, in exhaust air duct.

2000 NSF (204.3 NSM)



16. Therapeutic Pool (PTWT1)

Space Requirement:

2000 NSF (204.3 NSM)

See VA Space Planning Criteria for VA Facilities, Chapter 270 for justification requirements.

Architectural:

Floor Finish:	Ceramic Tile (slip-resistant)
Base:	Ceramic Tile
Wall Finish:	Ceramic Tile
Ceiling:	Plaster/Paint
Ceiling Height:	10'-0" min. (3047 mm)
Noise (STC Rating):	40
Slab Depression:	See PG-18-3, Topic 6, Floor Slab Depressions
Special Construction:	-
Hardware:	67
Doors:	4'-0" (1219 mm) x 7'-0" (2134 mm) wood or metal, upper half, laminated safety glass.
Windows:	Desirable, see PG-18-3, Topic 1, Codes and Standards.

HVAC:

Temperature:	
Summer:	80°F (27°C)
Winter:	85°F (29°C)
Min. Air Changes/Hour:	10 ACH (100% exhaust)
Pressure:	Negative (-)
Max Noise Criteria:	40

NOTES:

1. Provide a dedicated or common wet exhaust system with welded stainless steel ductwork. Provide two-position supply and exhaust air terminal units to reduce air volumes to 50% during unoccupied mode.
2. Direct supply air towards interior surfaces prone to condensation and towards water surface to move contaminated air towards exhaust. Locate exhaust air inlets to maximize capture effectiveness and minimize short-circuiting of the supply air.
3. The SCI patient requires 92°F - 93°F water temperature, while the MS patient requires 83°F - 84°F water temperature. The pool equipment should be designed to accommodate quick water temperature change, where both patient types can use the same pool on a given day based on schedule.

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Emergency Power:	
Two Ceiling Light	
Nurse Call	

NOTES:

1. Provide emergency power to additional ceiling lights based on room size and egress lighting photometric calculations. Provide quantity re-strike lamps in HID emergency fixtures

16. Therapeutic Pool (PTWT1)

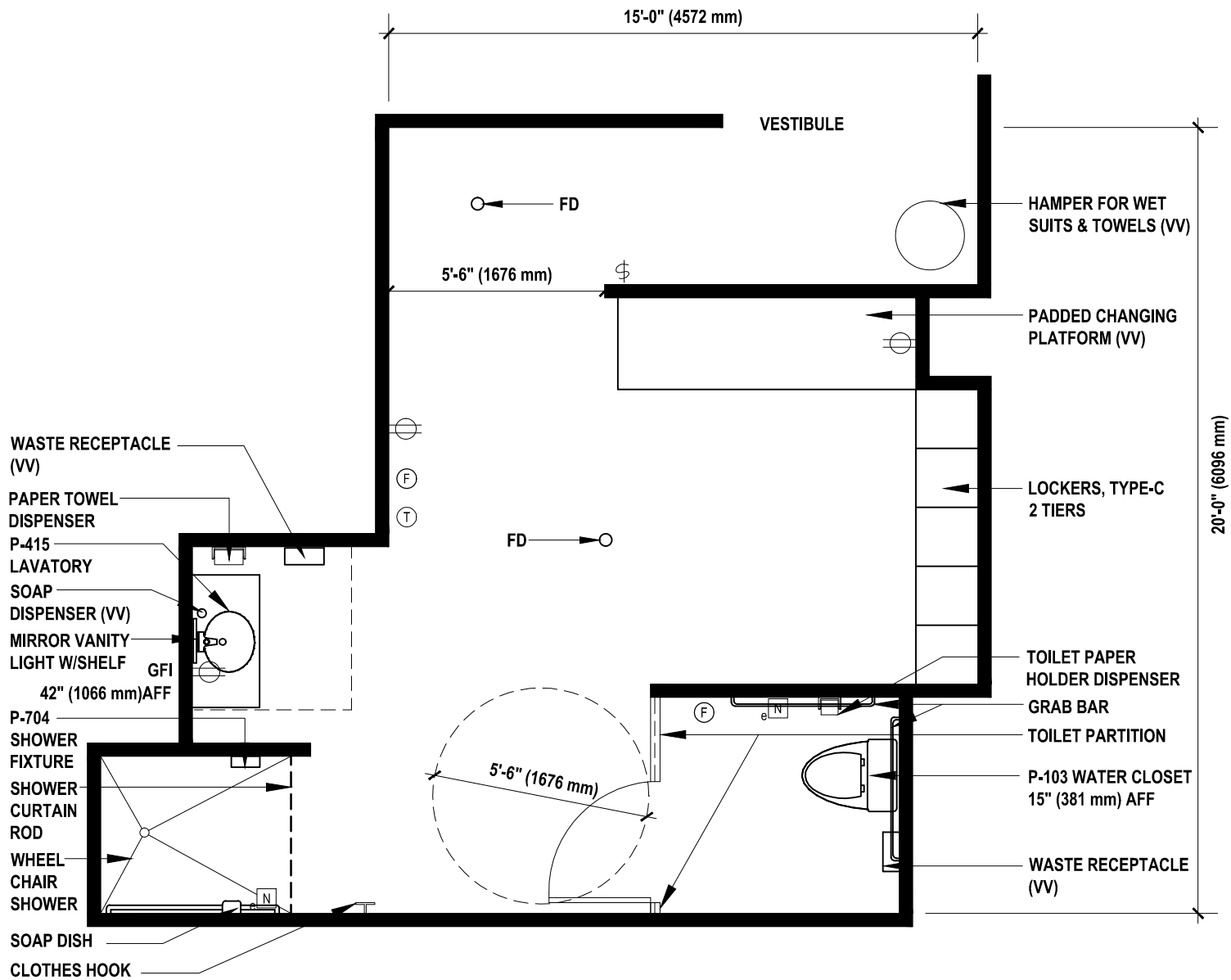
Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
T-14A	AR	AR			CC	CABINET, STORAGE, FLOORSTANDING, WITH SLOPING TOP, 2 GLAZED SLIDING DOORS, LOCK AND 5 ADJUSTABLE SHELVES, 48"W X 22"D X 84"H (PG-18-1, MCS 12301)
	1	1			VV	NURSE CALL EMERGENCY
	1	1			VV	AIR, OUTLET, VACCUM POOL SWEEP
	AR	AR			CC	LIFE PRESERVERS, FLOOR DRAIN, HANDRAILS, ON SIDES OF POOL (PG-18-1, MCS 13164)
	1	1			CC	HOIST, OVERHEAD, PATIENT LIFT, WITH CRADLE 120 VOLT, 20 AMP
						- OR -
	1	1			CC	HOIST, HYDRAULIC, FLOOR MOUNTED TO DECK, EXTENDING OVER THE WATER
	AR	AR			VV	WHEELCHAIRS, STAINLESS STEEL, FOR UNDERWATER USE
	1	1			VV	CLOCK, ELECTRIC WITH SWEEP SECOND HAND, NURSE CALL, EMERGENCY
	1	1			VV	TABLE, TREATMENT, STAINLESS STEEL, EXERCISE TYPE, ELECTRIC WATER COOLER
	1	1			VV	BARS, PARALLEL, STAINLESS STEEL, UNDERWATER, ADJUSTABLE – 10' TO 15'L
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP GFI (PG-18-1, MCS 16140)
	AR	AR			CC	LIGHT METAL HALIDE (PG-18-1, MCS 16510)
	AR	AR			CC	FIRE ALARM STATION, AUDIO & VISUAL DEVICE WALL MOUNTED (PG-18-1, MCS 16721)
	2	2			CC	NURSE CALL, EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION

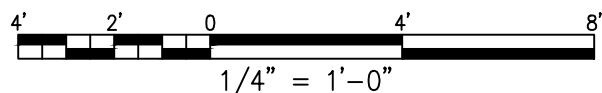
TABLE 3.16
THERAPEUTIC POOL (PTWT1)

17. Male Dressing Room - Pool (DR001)

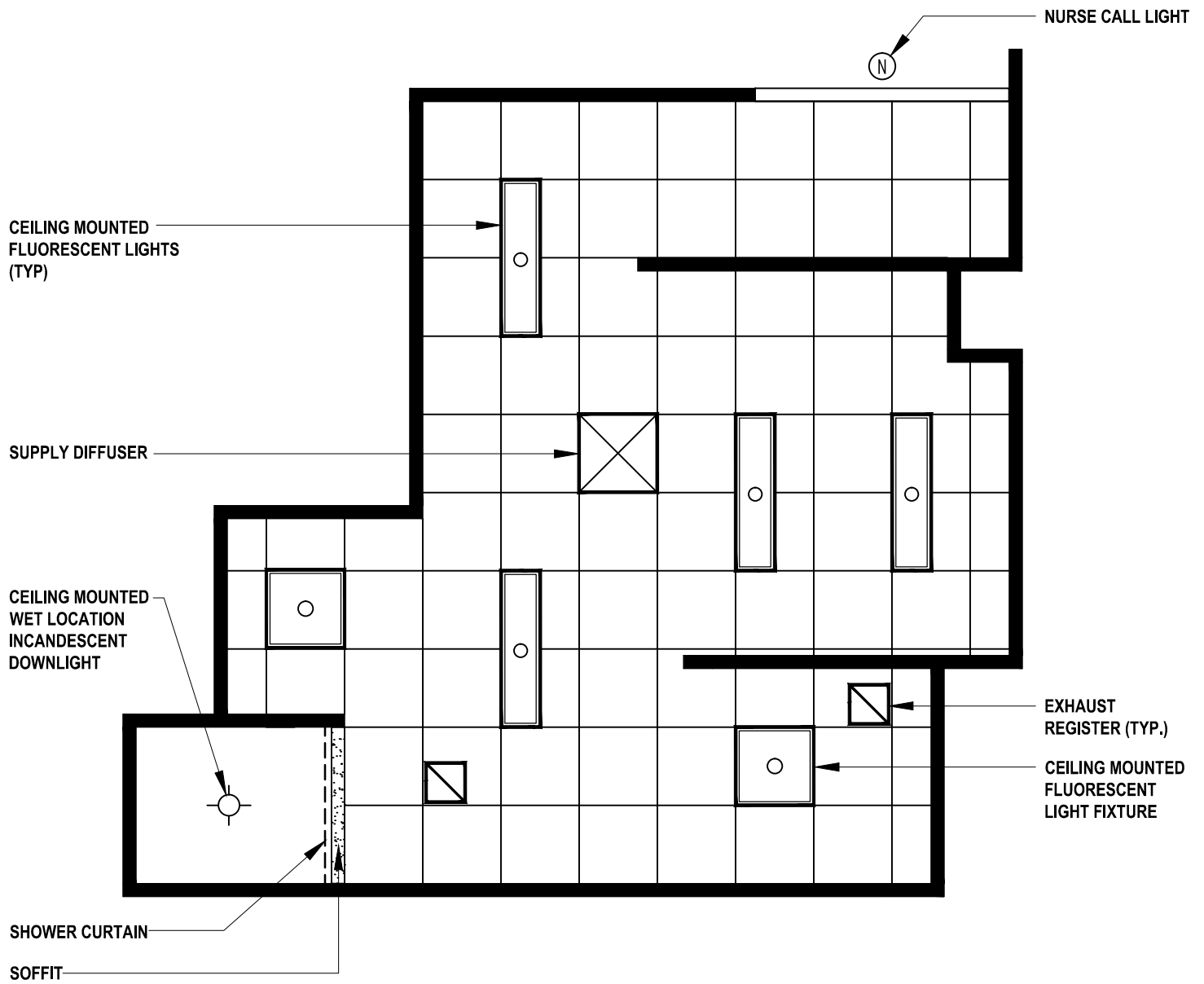
Floor Plan



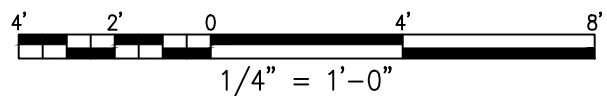
300 NSF (27.9 NSM)



17. Male Dressing Room - Pool (DR001) Reflected Ceiling Plan



300 NSF (27.9 NSM)



17. Male Dressing Room - Pool (DR001)

Space Requirement:

300 NSF (27.9 NSM)

Architectural:

Floor Finish:	Ceramic Tile (slip-resistant)
Base:	Ceramic Tile
Wall Finish:	Gypsum Wallboard/Paint*
Ceiling:	Acoustical Tile (SP)**
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	30
Slab Depression:	None
Special Construction:	-
Hardware:	-
Doors:	None Required
Windows:	None

*Ceramic Tile in Shower

**Plaster in Shower/Paint

HVAC:

Temperature:	
Summer:	78°F (26°C)
Winter:	82°F (28°C)
Min. Air Changes/Hour:	6 ACH (100% exhaust)
Pressure:	Negative (-)
Max Noise Criteria:	40

NOTES:

1. Increase the supply and make-up air volumes, if required, to meet the exhaust requirements of the toilet, showers, and lockers.

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Emergency Power:	
One Ceiling Light	
Nurse Call	

NOTES:

1. Provide emergency power to additional ceiling lights based on room size and egress lighting photometric calculation.

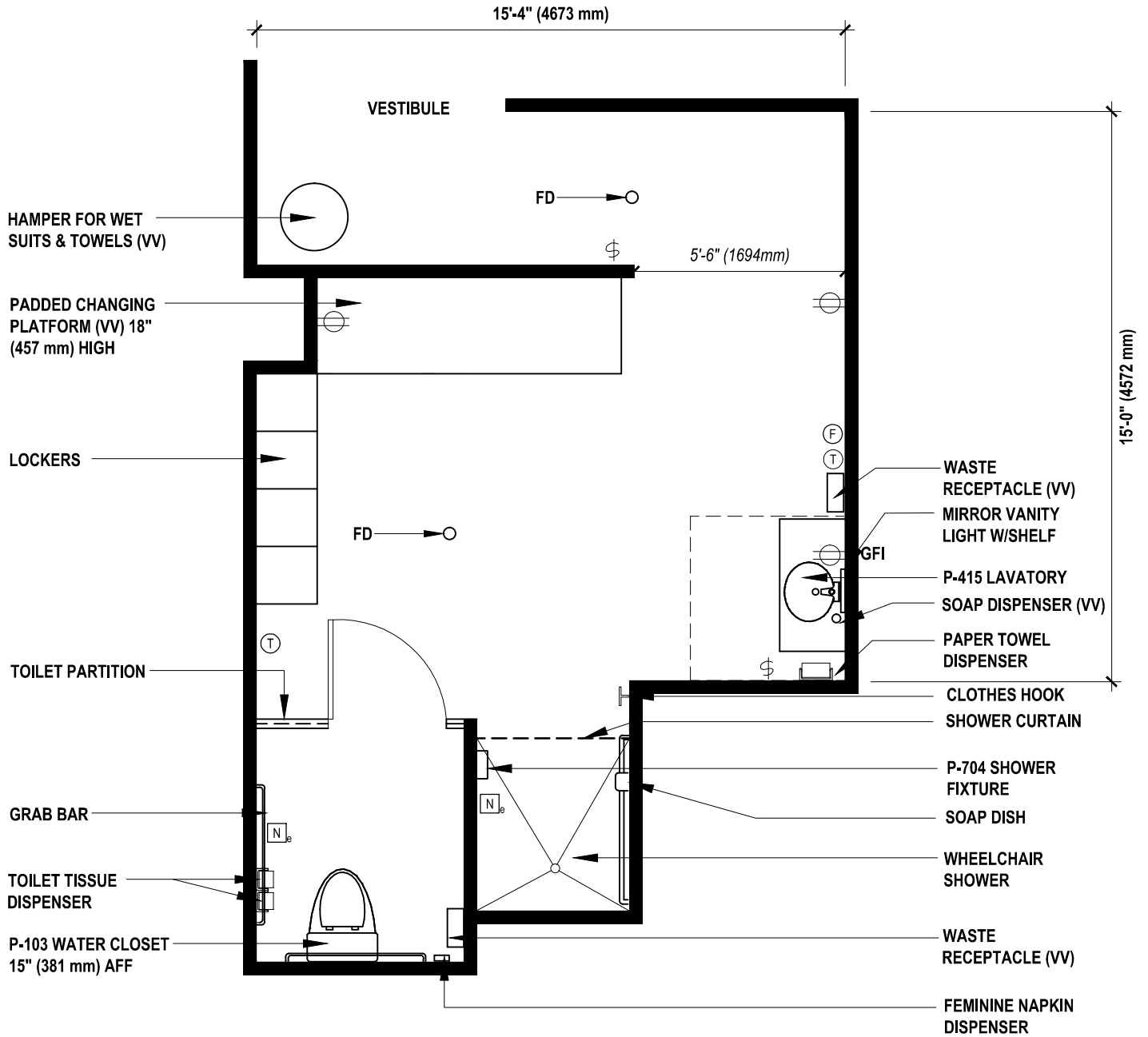
17. Male Dressing Room - Pool (DR001)

Equipment Table:

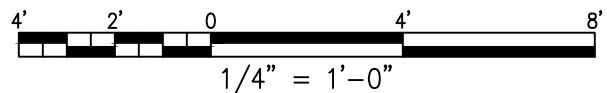
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
						LOCATE ALL ITEMS CONVENIENT FOR WHEELCHAIR PATIENTS (PG-18-3, TOPIC 1, CODES AND STANDARDS ; PG-18-4, SD 10800-7.DWG)
	AR	AR			VV	LOCKERS, STEEL, DOUBLE TIER, WITH SHELVES AND COMBINATION LOCK, 15"W X 18"D X 78"H
	AR	AR			CC	BENCH, WALL HUNG (PG-18-1, MCS 06200)
P-103	AR	AR			CC	WATER CLOSET, WALL HUNG (PG-18-1, MCS 15450)
	AR	AR			CC	ENCLOSURE, TOILET, WHEELCHAIR, CEILING HUNG (PG-18-1, MCS 10162; PG-18-3, TOPIC 1, CODES AND STANDARDS; PG-18-4, SD 10162-1.DWG)
	AR	AR			CC	BAR, GRAB FOR WATER CLOSET (PG-18-1, MCS 10800; PG-18-4, SD 10162-1.DWG)
	AR	AR			CC	DISPENSER, TOILET TISSUE, DOUBLE ROLL (PG-18-1, MCS 10800; PG-18-4, 10162-1.DWG)
P-415	AR	AR			CC	LAVATORY, STRAIGHT BACK, WRIST CONTROL, 20" X 18" AND 3-1/2" APRON (PG-18-1, MCS 15450)
	AR	AR			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	AR	AR			CC	SHELF, STAINLESS STEEL, WALL HUNG 6" X 18" (PG-18-1, MCS 10360; PG-18-4, SD 10800-7.DWG)
	AR	AR			CC	MIRROR, WHEELCHAIR, 24"W X 36"H (PG-18-1, MCS 10800; PG-18-4, SD 10800-7.DWG)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX 120 VOLT, 20 AMP, WITH GROUND FAULT INTERRUPTER, ADJACENT TO LAVATORY (PG-18-1, MCS 16140)
	AR	AR			VV	DISPENSER, BIFOLD PAPER TOWEL, SURFACE MOUNTED
	AR	AR			VV	RECEPTACLE, WASTE 13" DIAMETER
	AR	AR			CC	STALL, SHOWER, 48"W X 46 3/4"D (PG-18-1, MCS 10170; PG-18-4, SD 10800-1.DWG)
P-704	AR	AR			CC	SHOWER BATH FIXTURE, WALL MOUNTED, CONCEALED SUPPLIES, THERMOSTATIC MIXING VALVE, WITH HOSE SPRAY (PG-18-1, MCS 15450; PG-18-4, SD 10800-1.DWG)
	AR	AR			CC	ROD, FOR SHOWER CURTAIN (PG-18-1, MCS 10800; PG-18-4, SD 10800-4.DWG)
	1	1			CC	LIGHT, FLUORESCENT, VANITY (PG 18-1, MCS 16510
	AR	AR			VV	CURTAIN, SHOWER
	AR	AR			CC	DISH, SOAP, RECESSED (PG-18-1, MCS 10800)
	AR	AR			CC	BAR, GRAB FOR TUB OR SHOWER (PG-18-1, MCS 10800) PG-18-4, SD 10800-1.DWG and 10800-4.DWG
	AR	AR			CC	HOOK, CLOTHES (ONE FOR EACH TUB OR SHOWER) (PG-18-1, MCS 10800)
	1	1			CC	HOOK, TOWEL (PG-18-1, MCS 10800)
	AR	AR			CC	LIGHT FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)
	AR	AR			CC	FIRE ALARM STATION AUDIO & VISUAL DEVICE WALL MOUNTED (PG-18-1, MCS 16721)
	AR	AR			VV	PADDED CHANGING PLATFORM 18"H
	AR	AR			VV	HAMPER FOR WET SUITS & TOWELS
	2	2			CC	NURSE CALL, EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION

TABLE 3.17
MALE DRESSING ROOM - POOL (DR001)

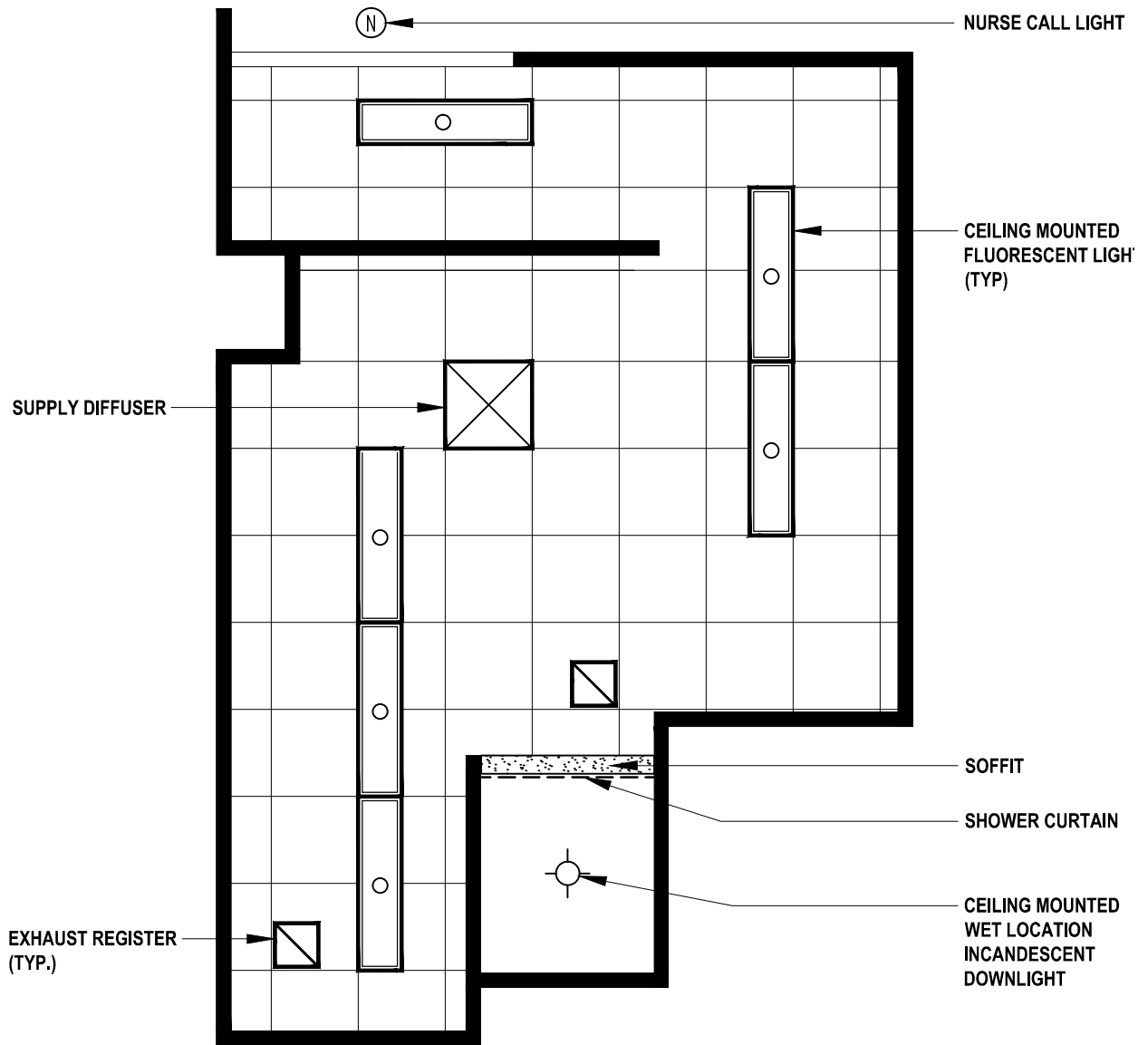
18. Female Dressing Room - Pool (DR001)
Floor Plan



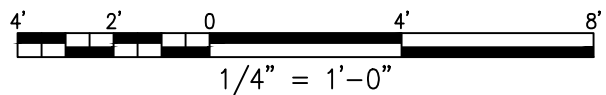
230 NSF (21.4 NSM)



18. Female Dressing Room - Pool (DR001)
Reflected Ceiling Plan



230 NSF (21.4 NSM)



18. Female Dressing Room - Pool (DR001)

Space Requirement:

230 NSF (21.4 NSM)

Architectural:

Floor Finish:	Ceramic Tile (slip-resistant)
Base:	Ceramic Tile
Wall Finish:	Gypsum Wallboard/Paint*
Ceiling:	Acoustical Tile (SP)**
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	30
Slab Depression:	None (Except at shower stall)
Special Construction:	-
Hardware:	-
Doors:	None Required
Windows:	None

*Full Ceramic Tile in Shower

**Plaster in Shower/Paint

HVAC:

Temperature:	
Summer:	78°F (26°C)
Winter:	82°F (28°C)
Min. Air Changes/Hour:	6 ACH for (100% exhaust)
Pressure:	Negative (-)
Max Noise Criteria:	40

NOTES:

1. Increase the supply and make-up air volumes, if required, to meet the exhaust requirements of the toilet, showers, and lockers.

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Emergency Power:	
One Ceiling Light	
Nurse Call	

NOTES:

1. Provide emergency power to additional ceiling lights based on room size and egress lighting photometric calculations.

18. Female Dressing Room - Pool (DR001)

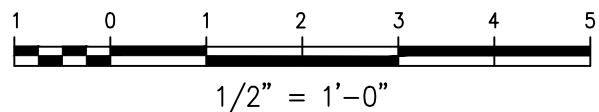
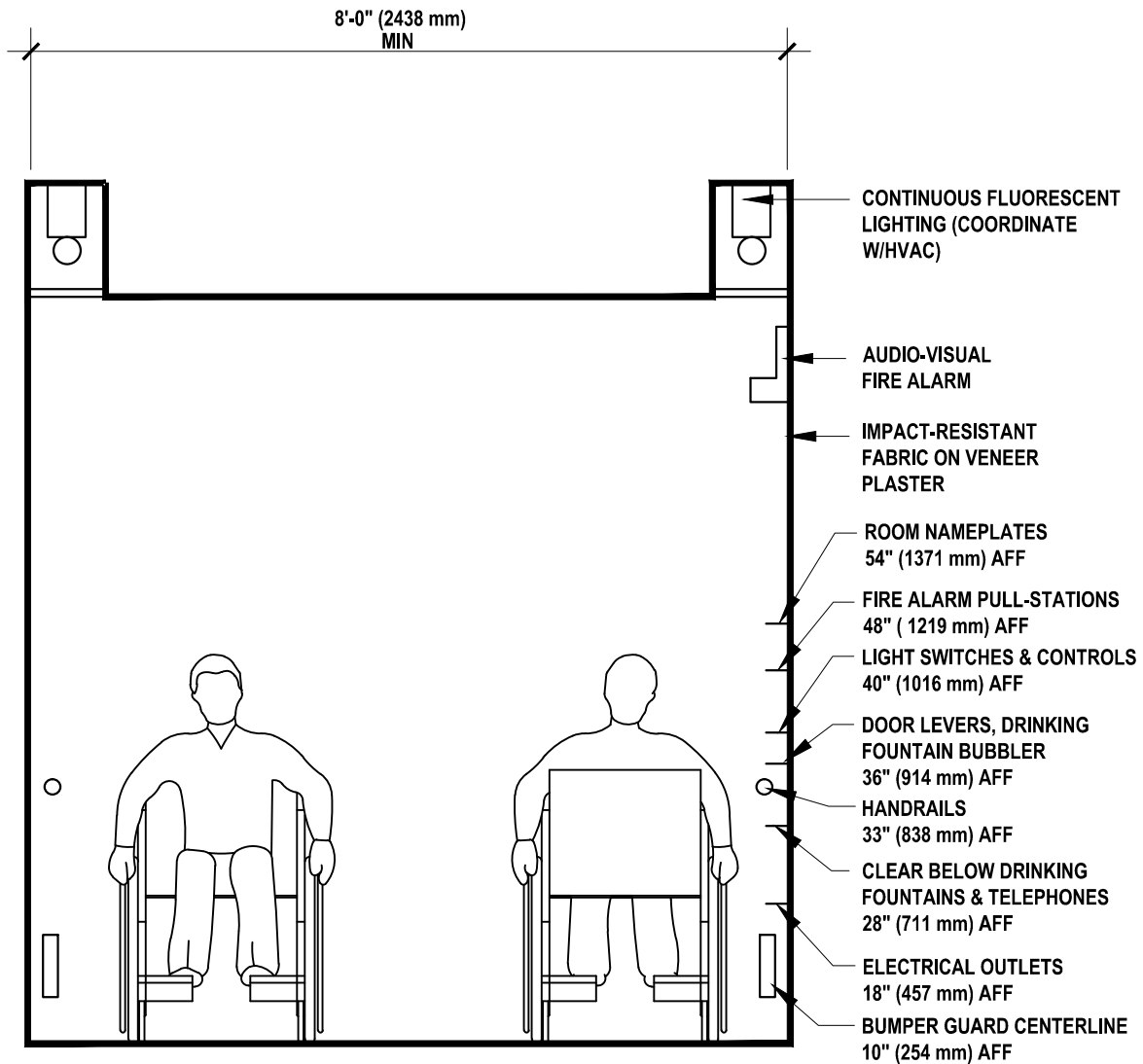
Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
						LOCATE ALL ITEMS CONVENIENT FOR WHEELCHAIR PATIENTS (PG-18-3, TOPIC 1, CODES AND STANDARDS; PG-18-4, SD 10800-7.DWG)
	AR	AR			VV	LOCKERS, STEEL, DOUBLE TIER, WITH SHELVES AND COMBINATION LOCK, 15"W X 18"D X 78"H
	AR	AR			CC	ENCLOSURE, WHEELCHAIR, FLOOR SET OR CEILING HUNG (PG-18-1, MCS 10162; PG-18-4, SD 10162-1.DWG)
	2	2			CC	NURSE CALL, EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION
P-103	AR	AR			CC	WATER CLOSET, WALL HUNG (PG-18-1, MCS 15450)
	AR	AR			CC	BAR, GRAB FOR WATER CLOSET (PG-18-1, MCS 10800; H-08-4, SD 10162-1.DWG)
	AR	AR			CC	DISPENSER, TOILET TISSUE, DOUBLE ROLL (PG-18-1, MCS 10800; PG-18-4, SD 10162-1.DWG)
P-414	AR	AR			CC	LAVATORY, STRAIGHT, BACK, WRIST CONTROL, GOOSENECK SPOUT, 20" X 18" AND 3½" APRON (PG-18-1, MCS 15450)
	AR	AR			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	AR	AR			CC	SHELF, STAINLESS STEEL, WALL HUNG 6" X 18" (PG-18-1, MCS 10360; PG-18-4, SD 10800-7.DWG)
	AR	AR			CC	MIRROR, WHEELCHAIR, 24"W X 36"H (PG-18-1, MCS 10800; PG-18-4, SD 10800-7.DWG)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, 120 VOLT, 20 AMP, WITH GROUND FAULT PROTECTION, ADJACENT TO LAVATORY (PG-18-1, MCS 16140)
	AR	AR			VV	DISPENSER, BIFOLD PAPER TOWEL, SURFACE MOUNTED
	AR	AR			VV	RECEPTACLE, WASTE 13" DIAMETER
	AR	AR			CC	STALL, SHOWER, 46 ¾"D X 48"W (PG-18-1, MCS 10170; PG-18-4, SD 10800-1.DWG)
P-704	AR	AR			CC	SHOWER BATH FIXTURE, WALL MOUNTED, CONCEALED SUPPLIES, THERMOSTATIC MIXING VALVE, WITH HOSE SPRAY (PG-18-1, MCS 15450; PG-18-4, SD 10800-1.DWG)
	AR	AR			CC	ROD, FOR SHOWER CURTAIN (PG-18-1, MCS 10800; PG-18-4, SD 10800-4.DWG)
	AR	AR			VV	FLOOR DRAIN, CURTAIN, SHOWER, NURSE CALL EMERGENCY W/ LIGHT
	AR	AR			CC	DISH, SOAP, RECESSED (PG-18-1, MCS 10800)
	AR	AR			CC	BAR, GRAB FOR TUB OR SHOWER (PG-18-1, MCS 10800; PG-18-4, SD 10800-1.DWG and 10800-4.DWG)
	AR	AR			CC	HOOK, CLOTHES (ONE FOR EACH TUB OR SHOWER) (PG-18-1, MCS 10800)
	AR	AR			CC	DISH, SOAP, RECESSED, BAR, TOWEL (PG-18-1, MCS 10800)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTS (PG-18-1, MCS 16510)
	AR	AR			CC	FIRE ALARM STATION, AUDIO & VISUAL DEVICE WALL MOUNTED (PG-18-1, MCS 16721)
	1	1			CC	LIGHT, FLUORESCENT, VANITY (PG-18-1, MCS 16510)
	AR	AR			VV	PADDED CHANGING PLATFORM 18"H

TABLE 3.18
FEMALE DRESSING ROOM - POOL (DR001)

19. Typical Corridor Section

Section / Elevation



19. Typical Corridor Section

Space Requirement:

As Required.

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Veneer Plaster/Paint
Ceiling:	Acoustical Tile
Ceiling Height:	8'-0" (2438 mm)
Noise (STC Rating):	30
Slab Depression:	None
Special Construction:	-
Hardware:	-
Doors:	Smoke doors as required, wainscot height kickplates.
Windows:	None Required

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Neutral (0)
Max Noise Criteria:	40

NOTES:

1. Adjust supply air volume, as required, to meet the exhaust requirements of the adjoining spaces, such as toilets and HACs.
2. Maintain neutral air balance with respect to the occupied space except any requiring negative air balance.

Electrical:

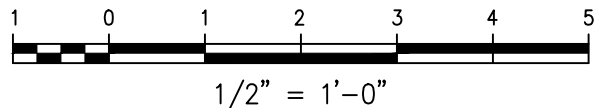
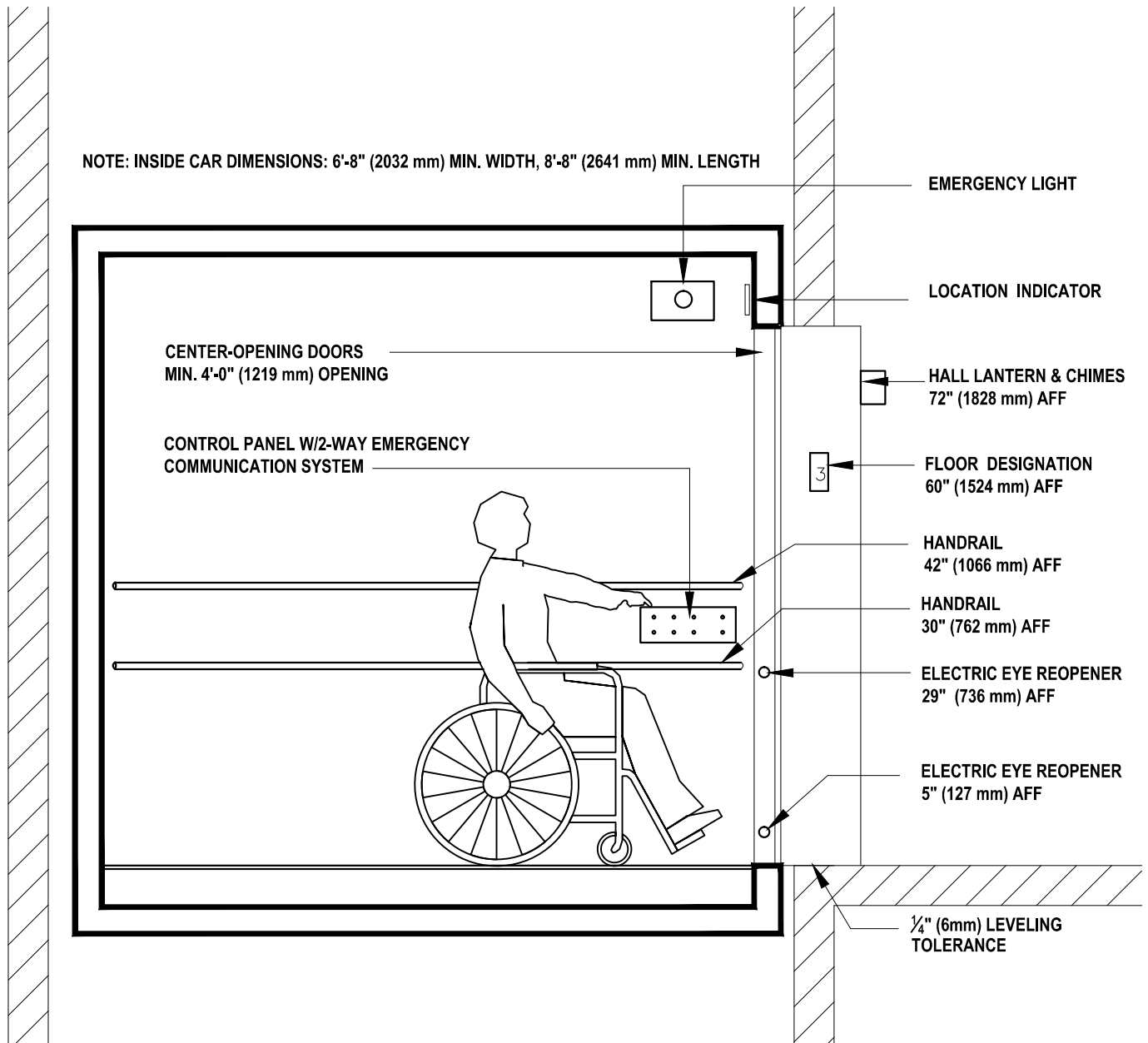
Lighting Levels:	
Gen. Illum:	20fc min.
Emergency Power:	Illumination of means of egress.

Equipment Table:

As Required.

20. SCI Elevator Section

Note: All levels of multi-story construction are to be served by an elevator conforming to ANSI-A17.1., See H-08-13 (Section 4.11).



20. SCI Elevator

Space Requirement:

As required.

Architectural:

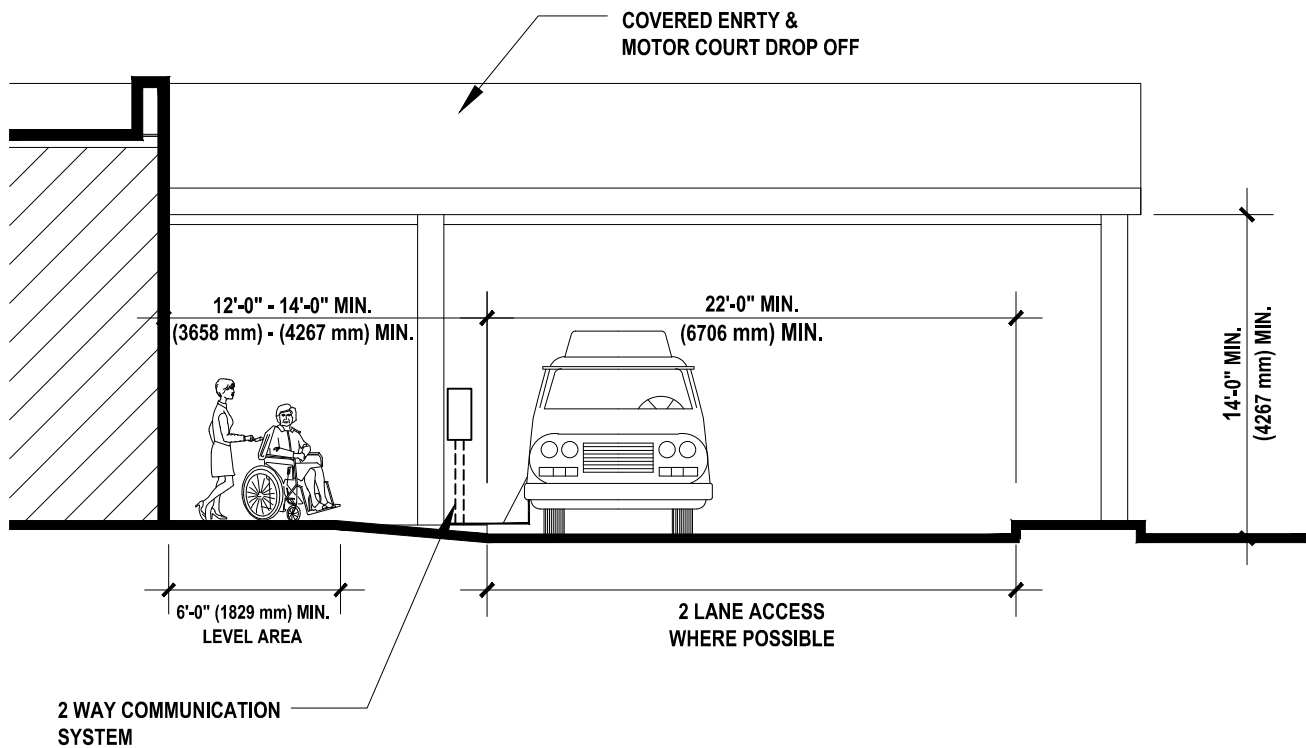
Floor Finish:	Vinyl Composition Tile
Base:	N/A
Wall Finish:	Varies, 4'-0" (1219 mm) S.S. Wainscot
Ceiling:	Baked Enamel on Metal
Ceiling Height:	8'-0" (2438 mm)
Load:	5000# Total Capacity
Noise (STC Rating):	N/A
Slab Depression:	N/A
Special Construction:	-
Hardware:	-
Doors:	See SD 14210-3.DWG and 14210-4.DWG
Windows:	None

Electrical:

Lighting Levels:	
Gen. Illum:	20fc
Emergency Power:	
Emergency Light	
2-Way Communication System	
Sufficient power to return car to grade	

21. Main Entrance and Canopy Section

The SCI Main Entrance is to be dedicated to SCI traffic only. Ideally it should be located away from other traffic patterns. In addition to drop-off capabilities, the SCI Entrance must accommodate those patients who drive themselves to the SCI Center and require assistance in entering the building. Those who drive will usually pull up to the front door and announce their arrival on the 2-way communication system. They will then drive to the nearby SCI dedicated parking lot where assisting staff will meet them.



Note: Section not drawn to scale (NTS)

21. Main Entrance and Canopy Section

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Veneer Plaster*/Paint
Ceiling:	Acoustical Tile
Ceiling Height:	14'-0" (4267 mm)
Noise (STC Rating):	30
Slab Depression:	None
Special Construction:	-
Hardware:	156 (both doors)
Doors:	2/3'-0" (913 mm) x 7'-0" (2133 mm) metal with full glazing, automatic sliders electric eye, breakaway hardware.
Windows:	None Required

HVAC:

Temperature:	
Summer:	78°F (26°C) @60%RH
Winter:	72°F (22°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Positive (+)
Max Noise Criteria:	45

NOTES:

1. Allow entrance air to ex-filtrate when the entrance door is open.

Electrical:

Lighting Levels:	
Gen. Illum:	
In airlock:	20fc
Under canopy:	10fc
Emergency Power:	Illumination of means of egress.

Equipment Table:

As required.

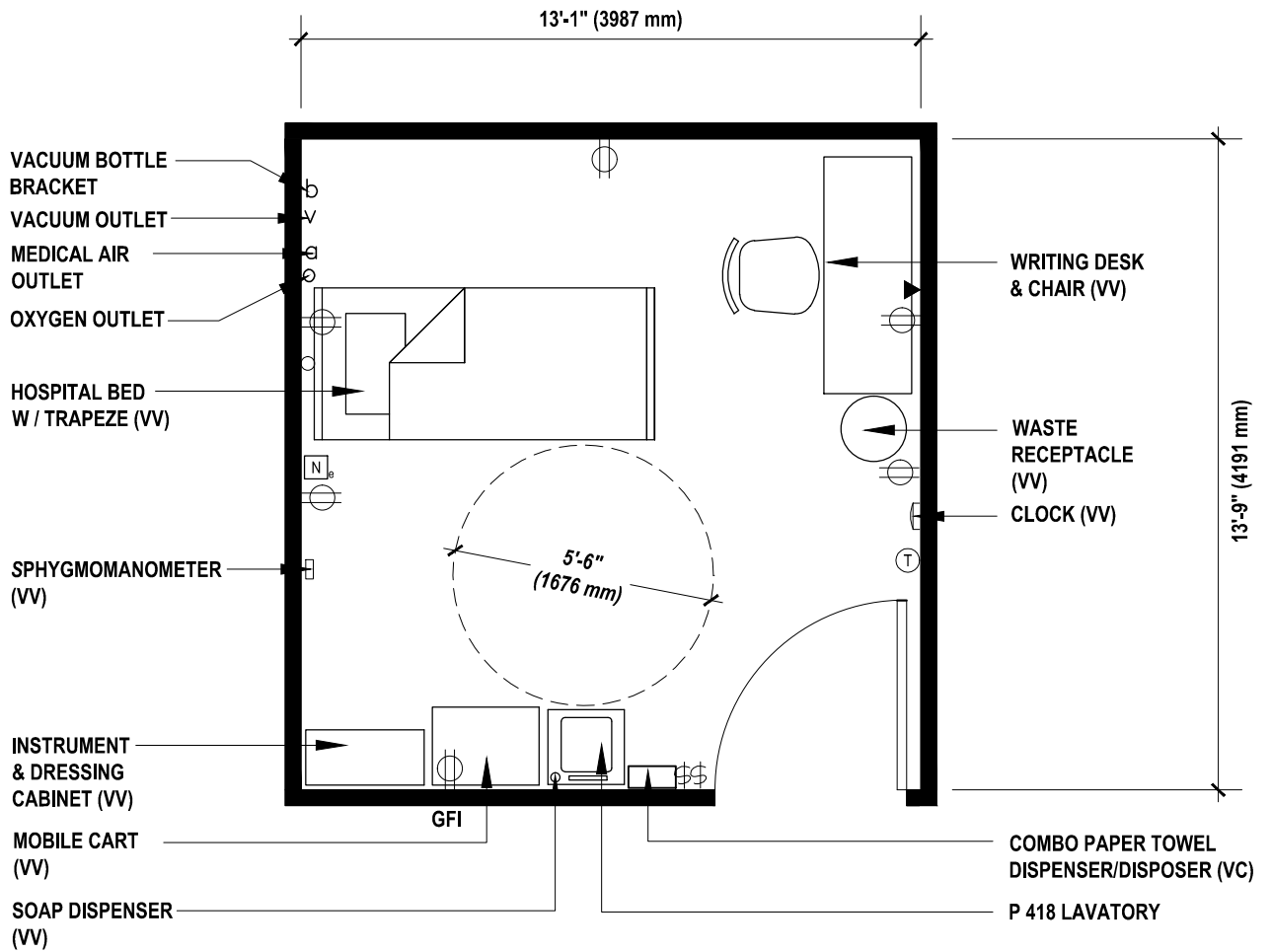
3.3 Clinical Guideplates*

22. Urodynamics: Exam /Treatment Room (EXUD1).....	3 - 93
23. a. Urodynamics: Cystoscopy/Lithotripsy (XDCY1).....	3 - 97
23. b. Urodynamics: Storage and Instrument Cleaning Room (SRS01).....	3 - 103
24. Urodynamics: Recovery Room (RRSS1).....	3 - 107
25. Urodynamics: Dressing Room/Cubicle (DR001)	3 - 111
26. Urodynamics: Nurse Station (NSTA1).....	3 - 115
27. Outpatient Urodynamics Clinic Clean Utility Room (UCCL1).....	3 - 119
28. Home Environment Learning (XXYYC).....	3 - 123
29. Physical Therapy/Kinesiology Therapy - 30 Beds (PTES1).....	3 - 133
30. Physical Therapy/Kinesiology Therapy - 60 Beds (PTES1).....	3 - 139
31. Physical Therapy Treatment Clinic (PTES1).....	3 - 143
32. Kinesiotherapy Treatment Clinic (PTES1).....	3 - 149
33. Occupational Therapy (OTEV1).....	3 - 153
34. Urologist Office (OFD01).....	3 - 159

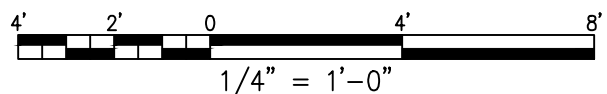
Guideplates are graphical representations of selected room types that illustrate the integration of space, components, systems and equipment. They provide typical configurations and general technical guidance, and are not intended to be project specific. Specific infrastructure design requirements are contained in VA Design Manuals and Space Planning Criteria located in the VA Technical Information Library (TIL).

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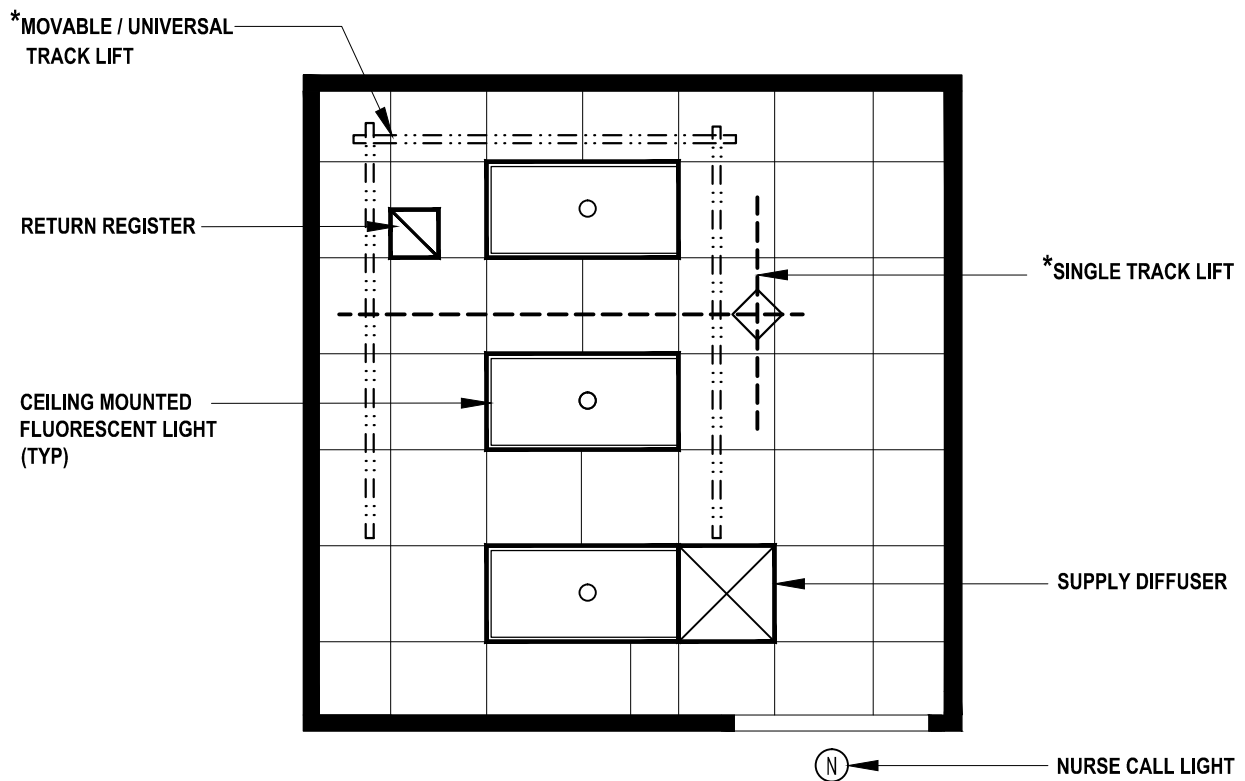
22. Urodynamics: Exam / Treatment Room (EXUD1) Floor Plan



180 NSF (16.8 NSM)

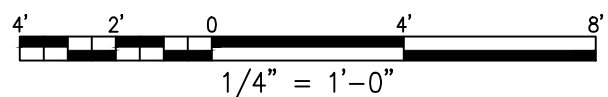


22. Urodynamics: Exam / Treatment Room (EXUD1) Reflected Ceiling Plan



NOTE: * BOTH SINGLE TRACK & MOVABLE OR UNIVERSAL TRACK LIFT SYSTEMS ARE INDICATED IN THE PLAN AS AN OPTION. THE TYPE OF LIFT TO BE USED ON SPECIFIC PROJECT IS TO BE SPECIFIED / SELECTED BY THE VA CENTER OR STATION. LOCATIONS OF SINGLE TRACK LIFT RAILS AND LIGHTING FIXTURES MUST BE COORDINATED BY PROJECT DESIGNER

180 NSF (16.8 NSM)



22. Urodynamics: Exam/Treatment Room (EXUD1)

Space Requirement:

180 NSF (16.8 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard/Paint
Ceiling:	Gypsum Wallboard or Clipped down ACT w/ Smooth, Washable Surface
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	40
Slab Depression:	None
Special Construction:	-
Hardware:	53
Doors:	4'-0" (1219 mm) x 7'-0" (2133 mm) wood or metal
Windows:	None Required

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Neutral (0)
Max Noise Criteria:	35

Electrical:

Lighting Levels:

Two-Level Illumination:	
High:	100 fc
Low:	50 fc

Emergency Power:

- One Ceiling Light
- One Receptacle (near bed)
- Nurse Call
- Medical Gases

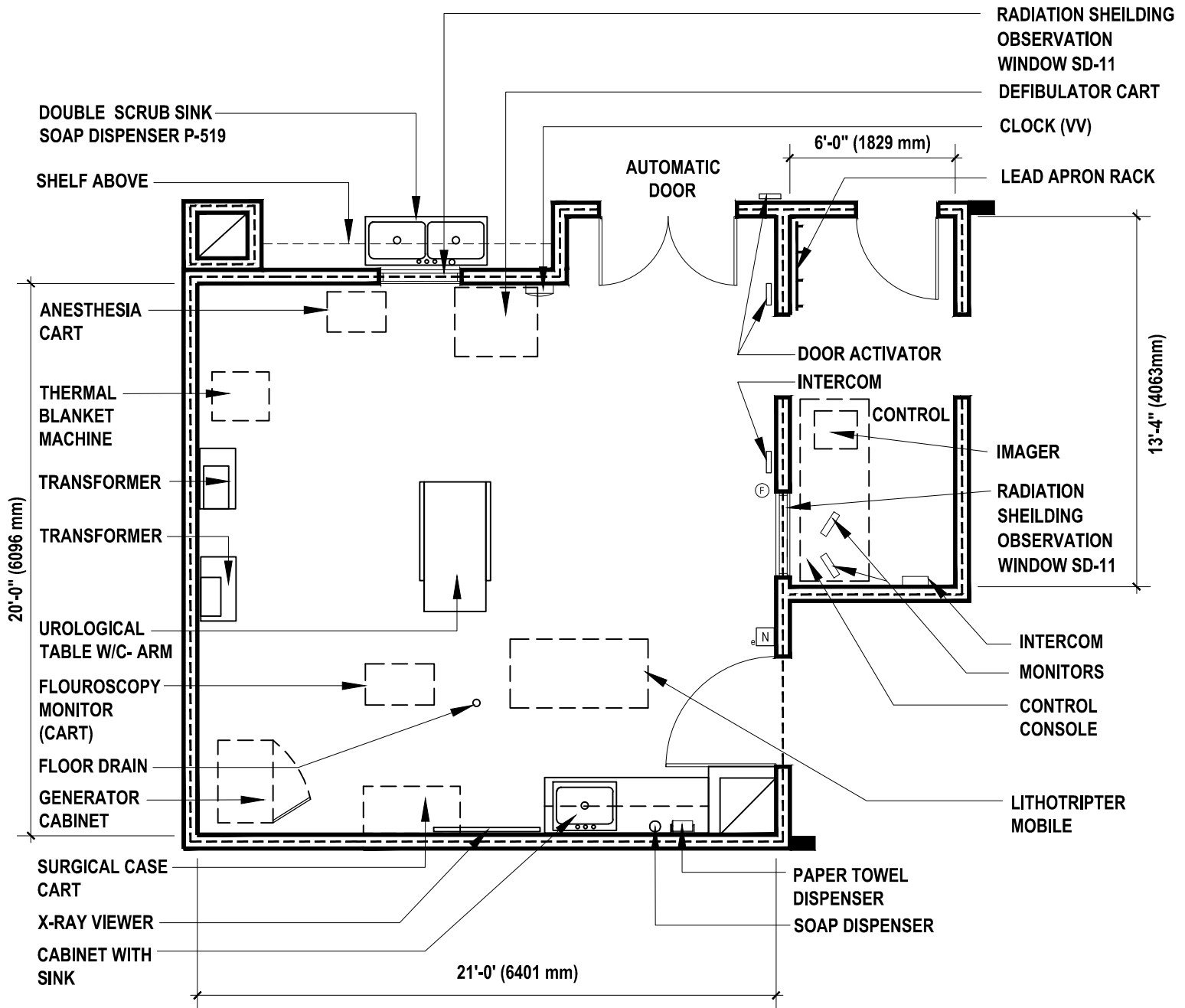
22. Urodynamics: Exam/Treatment Room (EXUD1)

Equipment Table:

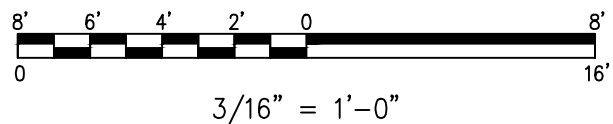
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			CC	LAVATORY, ELECTRONIC SENSOR CONTROL FAUCET WITH RIGID GOOSENECK SPOUT, 20" X 18" & 3-1/2" APRON (PG-18-1, MCS 15450)
	1	1			CC	DISPENSER, SOAP WITH FOOT CONTROL, WALL MOUNTED OVER SINK (PG-18-1, MCS 10800)
	1	1			CC	DISPENSER, PAPER TOWEL AND DISPOSAL COMBINATION UNITS (PG-18-1, MCS 10800)
	1	1			VV	HOSPITAL BED, ELECTRONICALLY ADJUSTABLE, TRAPEZE OVERHEAD (PG-18-1, MCS 05500)
	1	1			VV	CABINET, INSTRUMENT AND DRESSING, APPROX. 30"W X 16"D X 60"H
	1	1			VV	CART, MOBILE, 18"W X 30"L X 36"H
	4	4			VV	ILLUMINATOR, X-RAY FILM, WALL SURFACE MOUNTED, 120 VOLT, 150 WATTS, INDIVIDUAL SWITCH FOR TWO 14" X 17" RADIOGRAPHS, 31"W X 20"H
	1	1			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP, ON WALL, 48" ABOVE FINISHED FLOOR FOR ABOVE EQUIPMENT (PG-18-1, MCS 16140)
	1	1			CC	CEILING MOUNTED LIFT WITH TRACK
	1	1			CC	OUTLET, WALL OXYGEN (PG-18-1, MCS 15312) PG-18-3, TOPIC 1, CODES AND STANDARDS
	1	1			CC	OUTLET, WALL, COMPRESSED AIR, (PG-18-1, MCS 15311) PG-18-3, TOPIC 1, CODES AND STANDARDS
	1	1			CC	OUTLET, WALL, VACUUM (PG-18-1, MCS 15313) PG-18-3, TOPIC 1, CODES AND STANDARDS
	1	1			CC	BRACKET, VACUUM BOTTLE SLIDE, 4 9/16" X 4 1/2" (PG-18-1, MCS 15313)
	1	1			CC	NURSE CALL-EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX GFI, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1	1			VV	DESK, WITH DRAWERS AND BOOKSHELF, APPROX. 24"D X 36"L X 29"H
	1	1			VV	CHAIR, ROTARY, WITHOUT ARMS
	1	1			VV	SPHYGMOMANOMETER, WALL HUNG
	1	1			VV	RECEPTACLE, WASTE 13" DIAMETER
	AR	AR			CC	LIGHT FLUORESCENT GENERAL LIGHTING (PG-18-1, MCS 16510)
	AR	AR			VV	CLOCK, BATTERY

TABLE 3.22
URODYNAMICS: EXAM/TREATMENT ROOM (EXUD1)

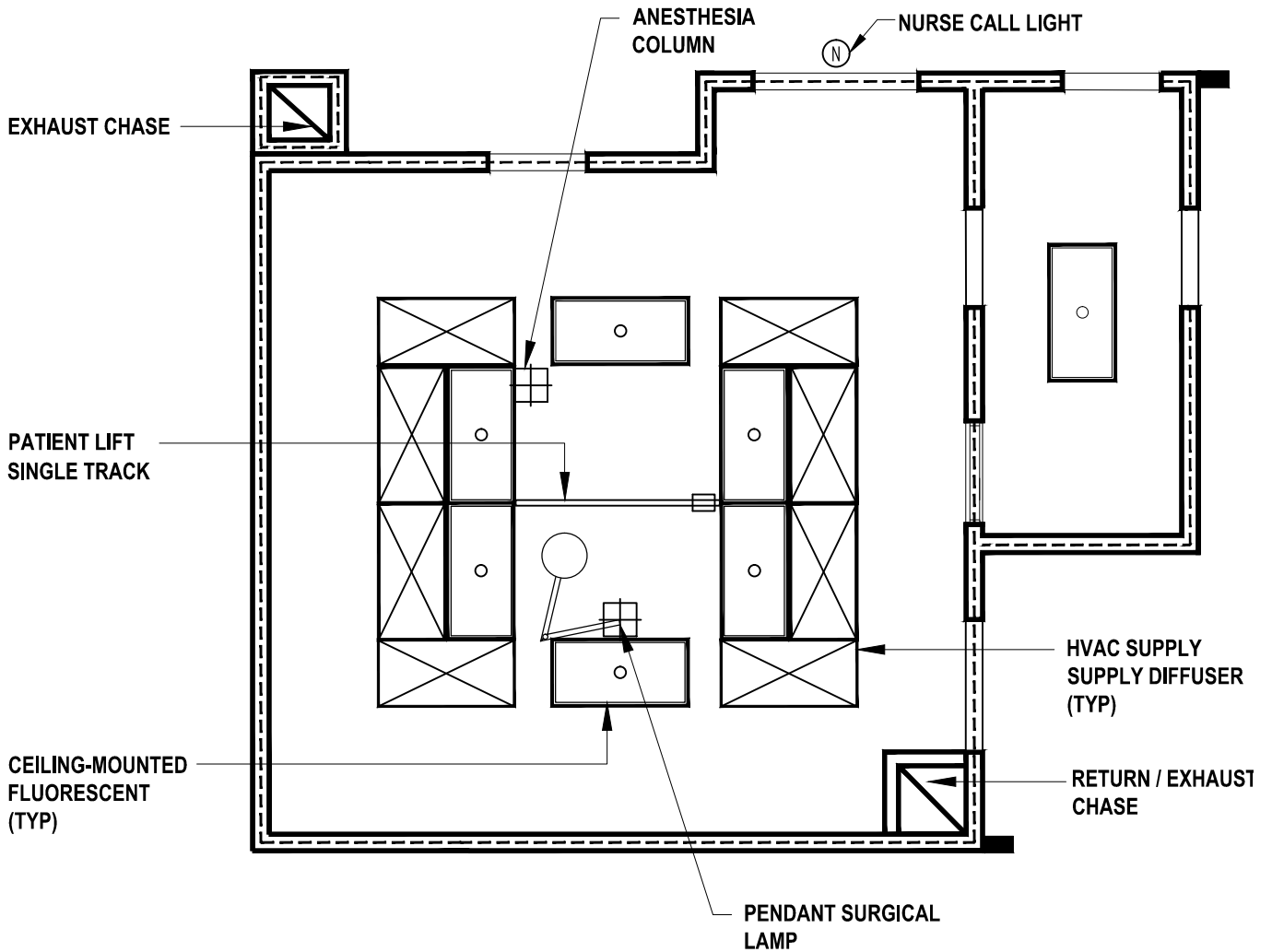
23-a. Urodynamics: Cystoscopy / Lithotripsy (XDCY1) Floor Plan



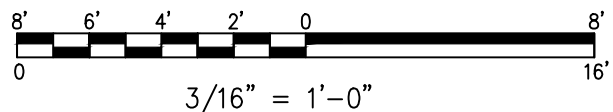
[Total: 500 NSF (46.5 NSM)]
 Cystoscopy / Lithotripsy: 420 NSF (39.0 NSM)
 Control: 80 NSF (7.5 NSM)



23-a. Urodynamics: Cystoscopy/Lithotripsy (XDCY1)
 Reflected Ceiling Plan



[Total: 500 NSF (46.5 NSM)]
 Cystoscopy / Lithotripsy: 420 NSF (39.0 NSM)
 Control: 80 NSF (7.5 NSM)



23-a. Urodynamics: Cystoscopy/Lithotripsy (XDCY1)**Space Requirement:**

[Total: 500 NSF (46.5 NSM)]

Cystoscopy/Lithotripsy: 420 NSF (39.0 NSM)

Control: 80 (7.5 NSM)

Architectural:

Floor Finish:	Resilient Sheet*
Base:	Resilient Sheet*
Wall Finish:	Plaster/Special Coating**
Ceiling:	Plaster/Paint
Ceiling Height:	9'-0" (2743 mm) Minimum, 9'-6" (2896 mm) Recommended (Surgical Lamp)
Noise (STC Rating):	30
Slab Depression:	Delay installation of room finishes and topping slab until radiological equipment has been selected.
Special Construction:	Radiation Shielding, see SD 08110-3.DWG, 13091-1.DWG and 13091-2.DWG Membrane Waterproofing required at floor drain.
Hardware:	106
Doors:	4'-0" (1219 mm) x 7'-0" (2133 mm) wood, lead-lined, automatic double doors, optional lead glass view panel.
Windows:	None

*Heat-Welded Seams, see Master specifications #09666

**See Master specifications #09815

HVAC:

Temperature/Humidity:

Summer: 66°F (19°C) @60%RH

Winter: 66°F (19°C) @20%RH

Min. Air Changes/Hour: 15 ACH

Pressure: Positive (+)

Max Noise Criteria: 35

Electrical:

Lighting Levels:

Two-Level Illumination:

High: 100fc

Low: 50fc

Emergency Power:

Surgical Light

One Isolated Receptacle @each wall

Nurse Call

Anesthesia Column – 2 outlets

23-a. Urodynamics: Cystoscopy/Lithotripsy (XDCY1)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			CC	COLUMN, CEILING MOUNTED (H-08-1, MCS 15320) (LOCATE AT HEAD OF TABLE 4' TO 6' FROM THE CENTERLINE AND 2' TO 4' TO THE LEFT OF THE CENTERLINE OF THE TABLE) COLUMN CONTAINS THE FOLLOWING: 1 OUTLET, NITROUS OXIDE (PG-18-1, MCS 15315) 2 OUTLET, VACUUM (PG-18-1, MCS 15213) 3 OUTLET, OXYGEN (PG-18-1, MCS 15312) 1 OUTLET, MEDICAL AIR (PG-18-1, MCS 15311) 1 OUTLET, NITROGEN (PG-18-1, MCS 15317) 1 OUTLET, VACUUM, DEDICATED ANESTHESIA GAS EVACUATION (PG-18-1, MCS 15313) DATA OUTLET
	1	1			CC	LIGHT, SMALL, SURGICAL WITH VARIABLE INTENSITY CONTROL, SINGLE POINT SUSPENSION, CEILING MOUNTED, TYPE 804B (LOCATION INSTRUCTIONS AVAILABLE FROM ELECTRICAL SERVICE) (PG-18-1, MCS 16515)
	4	4			VV	ILLUMINATOR, X-RAY, 14" X 17" WALL (SURFACE) MOUNTED 120 VOLT, 20 AMP
	1	1			CC	OUTLET, INTERCOM (EMPTY CONDUIT SYSTEM) (PG-18-1, MCS 16111)
	1	1			CC	INTERCOM, STATION (PG-18-1, MCS 16760)
	1	1			VV	CART, MOBILE, FLUOROSCOPIC MONITOR, 30" X 20"
	1	1			CC	CALL, NURSES-EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
	AR	AR			CC	COUNTER, CORROSION RESISTING STEEL TOP AND SPLASHBACKS, OPEN BELOW, 22"D X 36"H X LENGTH AS REQUIRED (PG-18-1, MCS 12301)
VL8/8A	AR	AR			CC	CABINET, UNDERCOUNTER, WITH 1 DRAWER, 1 DOOR AND 1 ADJUSTABLE SHELF, AVAILABLE WIDTHS, 12" X 18", 24"; DEPTH 22" HEIGHTS 31", 25", FOR FLOOR MOUNTED ADD 5" TOE BASE (PG-18-1, MCS 12345; H-08-6)
VL501/501A	AR	AR			CC	CABINET, UNDERCOUNTER, WITH 6/5 DRAWERS, 1 DOOR AND 1 ADJUSTABLE SHELF, AVAILABLE WIDTHS 36", 48"; DEPTH 22"; HEIGHTS 31", 25", FOR FLOOR MOUNTED AND ADD 5" TOE BASE (PG-18-1, MCS 12345)
	1	1			VC	TABLE, UROLOGICAL RADIOGRAPHIC, MOTOR DRIVEN, WITH X-RAY TUBE SUPPORT. MOBILE LITHOTRIPTOR INTEGRATED WITH TABLE
	1	1			VC	C-ARM X-RAY MOUNTED ON UROLOGICAL UNIT
	1	1			CC	DRAIN, FLOOR, AUTOMATIC FLUSHING TYPE (PG-18-1, MCS 15400; PG-18-4, SD 15400-1.DWG)
	1	1			VC	RADIOGRAPHIC TUBE AND HIGH VOLTAGE CABLES, 500 MA, SINGLE PHASE
	1	1			VC	TRANSFORMER, RADIOGRAPHIC, FOR USE WITH UROLOGICAL TABLE, 50 KVA
	1	1			VV	CLOCK, ELECTRIC TIME ELAPSED
NOTE: THE FOLLOWING EQUIPMENT IS PROVIDED FOR THE CONTROL ROOM						
(WHEN TWO CYSTOSCOPIC ROOMS ARE PROVIDED FOR THE PROJECT A COMMON CONTROL ROOM WILL BE ACCEPTABLE, AND A SINGLE X-RAY GENERATOR WILL BE INSTALLED TO ENERGIZE BOTH CYSTOSCOPIC TABLES. AN ADDITIONAL LEAD GLASS VIEWING WINDOW WILL BE REQUIRED FOR THE SECOND ROOM. WHERE TWO CYSTOSCOPIC TABLES ARE INSTALLED IN ONE ROOM, PROVIDE ONE X-RAY GENERATOR. PROVIDE RADIATION PROTECTION BETWEEN TABLES.)						
	1	1			CC	WINDOW, VIEWING, LEAD GLASS, FOR PATIENT OBSERVATION (PG-18-1, MCS 13091)
	1	1			VC	CONTROL CONSOLE, MONITORS AND IMAGER
	1	1			CC	STATION, INTERCOM, IN CONTROL ROOM – SPEAKER IN CYSTOSCOPIC ROOM (PG-18-1, MCS 16760)
	1	1			CC	OUTLET, INTERCOM (EMPTY CONDUIT SYSTEM) (PG-18-1, MCS 16111)

TABLE 3.23a
URODYNAMICS: CYSTOSCOPY/LITHOTRIPSY (XDCY1)

23-a. Urodynamics: Cystoscopy/Lithotripsy (XDCY1)**Equipment Table:**

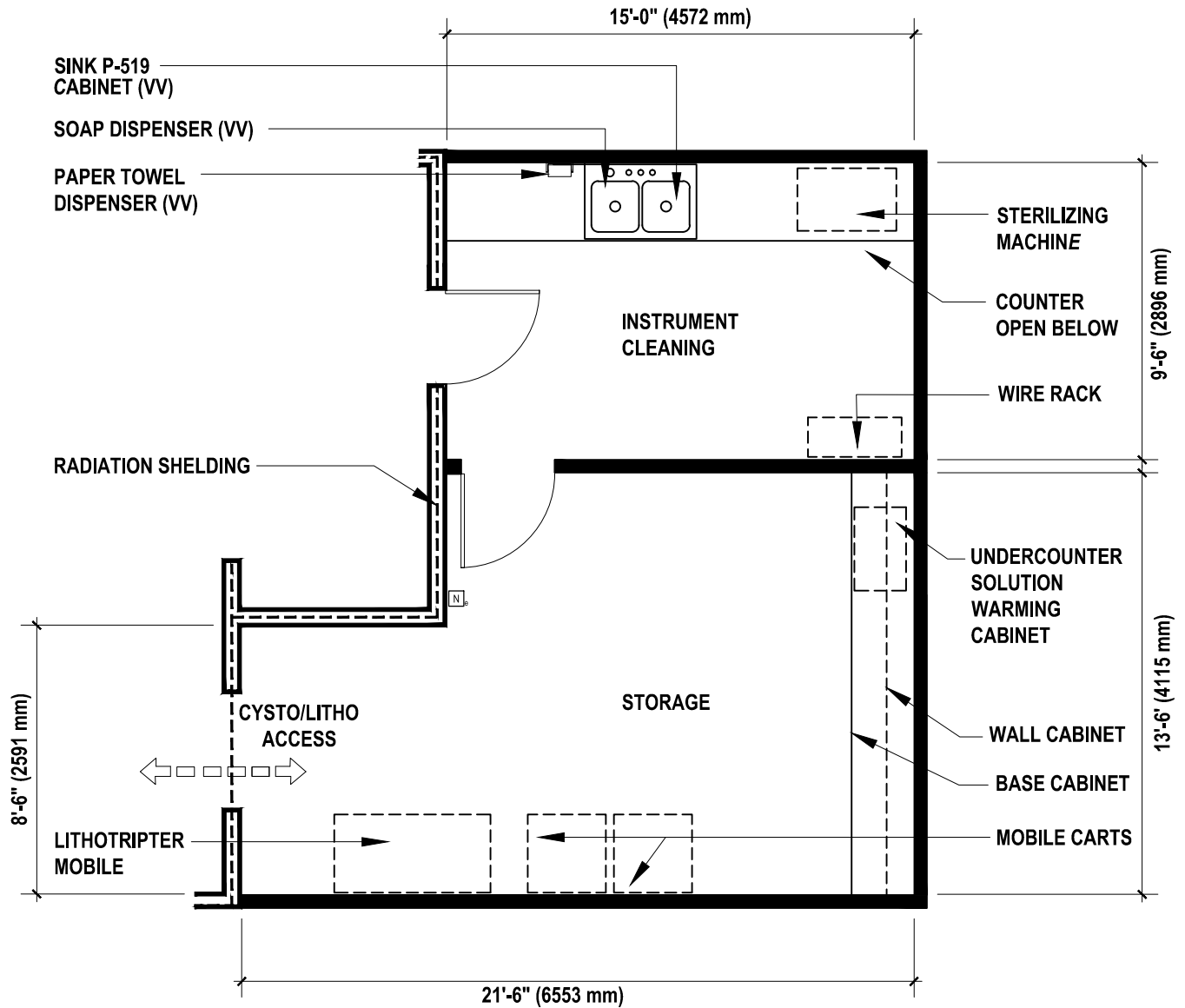
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	AR	AR			CC	SERVICES, ELECTRICAL, SPECIAL AS REQUIRED FOR THE ABOVE EQUIPMENT (THE X-RAY TRANSFORMER MAY BE LOCATED OUTSIDE THE CYSTOSCOPIC ROOM, PROVIDED THE DISTANCE DOES NOT EXCEED THAT PRESCRIBED BY THE EQUIPMENT MANUFACTURERS. X-RAY TRANSFORMERS SHOULD NOT BE SUSPENDED FROM CEILING OR WALL MOUNTS)
	AR	AR			CC	SHIELDING, RADIATION, FOR ROOMS WITH FIXED X-RAY EQUIPMENT, IN ACCORDANCE WITH (PG-18-1, MCS 13091; H-08-3, CS 64-1; H-08-4, SD 24, 24K AND NCRP REPORT NO. 49)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1	1			VV	RECEPTACLE, WASTE, STEP ON TYPE, APPROX. 12" DIAMETER
	1	1			CC	ISOLATED POWER UNIT PROVIDES ISOLATED ELECTRICAL POWER, INCLUDES LINE ISOLATION MONITOR, ISOLATION TRANSFORMER AND CIRCUIT BREAKERS (DETAILS AVAILABLE FROM ELECTRICAL SERVICE)
VL20/20A	1	1			CC	CABINET, UNDERCOUNTER, SINK UNIT, 2 HINGED PANEL DOORS, AVAILABLE WIDTHS 30", 36" 42", 48"; DEPTH 22"; HEIGHTS 31", 25", FOR FLOOR MOUNTED AND 5" TOE BASE (PG-18-1, MCS 12345)
J-2	1	1			CC	SINK, CORROSION RESISTING STEEL, WITH CENTER DRAIN OUTLET, 18" X 15" X 8" DEEP (PG-18-1, MCS 11602)
	1	1			VV	DISPENSER, SOAP, LIQUID WALL MOUNTED
	1	1			VV	DISPENSER, PAPER TOWEL, SURFACE MOUNTED
VL3/3A	1	1			CC	CABINET, UNDERCOUNTER, WITH 5/4 DRAWERS, AVAILABLE WIDTHS 18", 24", 36", 48"; DEPTH 22"; HEIGHTS 31", 25", FOR FLOOR MOUNTED ADD 5" TOE BASE (PG-18-1, MCS 12345)
VL26	AR	AR			CC	CABINET, WALL WITH SLOPING TOP, 2 GLAZED SLIDING DOORS AND 2 ADJUSTABLE SHELVES, AVAILABLE WIDTHS 30", 36", 42", 48"; DEPTH 16"; HEIGHT 48" (H-08-1, MCS 12345)
VL101/101A	AR	AR			CC	CABINET, UNDERCOUNTER, WITH 5/4 DRAWERS, AVAILABLE WIDTHS 18", 24", 36", 48"; DEPTH 22"; HEIGHTS 31", 25", FOR FLOOR MOUNTING ADD 5" TOE BASE (PG-18-1, MCS 12345)
	1	1			VV	CLOCK, ELECTRIC WITH SWEEP SECOND HAND
	AR	AR			CC	LIGHT FLUORESCENT GENERAL LIGHTING (PG-18-1, MCS 16510)
	AR	AR			CC	FIRE ALARM STATION, AUDIO & VISUAL DEVICE WALL MOUNTED (PG-18-1, MCS 16721)
	2	2			CC	AUTOMATIC DOOR ACTIVATOR
	1	1			VV	THERMAL BLANKET MACHINE, MOBILE
	1	1			VV	ANESTHESIA MACHINE, ANESTHESIA CART, SURGICAL CASE CART
	1	1			VV	ELECTROSURGICAL UNIT
	1	1			VV	LINEN HAMPER
	1	1			VV	PHYSIOLOGICAL MONITORING SYSTEMS ON CART OR CEILING ARM MOUNTED
	1	1			VV	COMPUTER TERMINAL, CPU WITH KEYBOARD AND MONITOR, MOBILE OR MOUNTED ON SHELF, WALL MOUNTED
	1	1			VV	LEAD APRON RACK, APRONS
	1	1			VV	EMERGENCY "CRASH" CART WITH DEFIBRILATOR
	1	1			CC	DOUBLE SCRUB SINK, WITH KNEE CONTROL
	1	1			CC	STAINLESS STEEL SHELF ABOVE SINK, 8" DEEP
	2	2			VV	SOAP DISPENSER, KNEE (OR) FOOT CONTROL IF NOT INTEGRAL SINK

TABLE 3.23a (CONT'D)
URODYNAMICS: CYSTOSCOPY/LITHOTRIPSY (XDCY1)

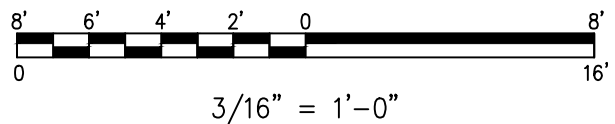
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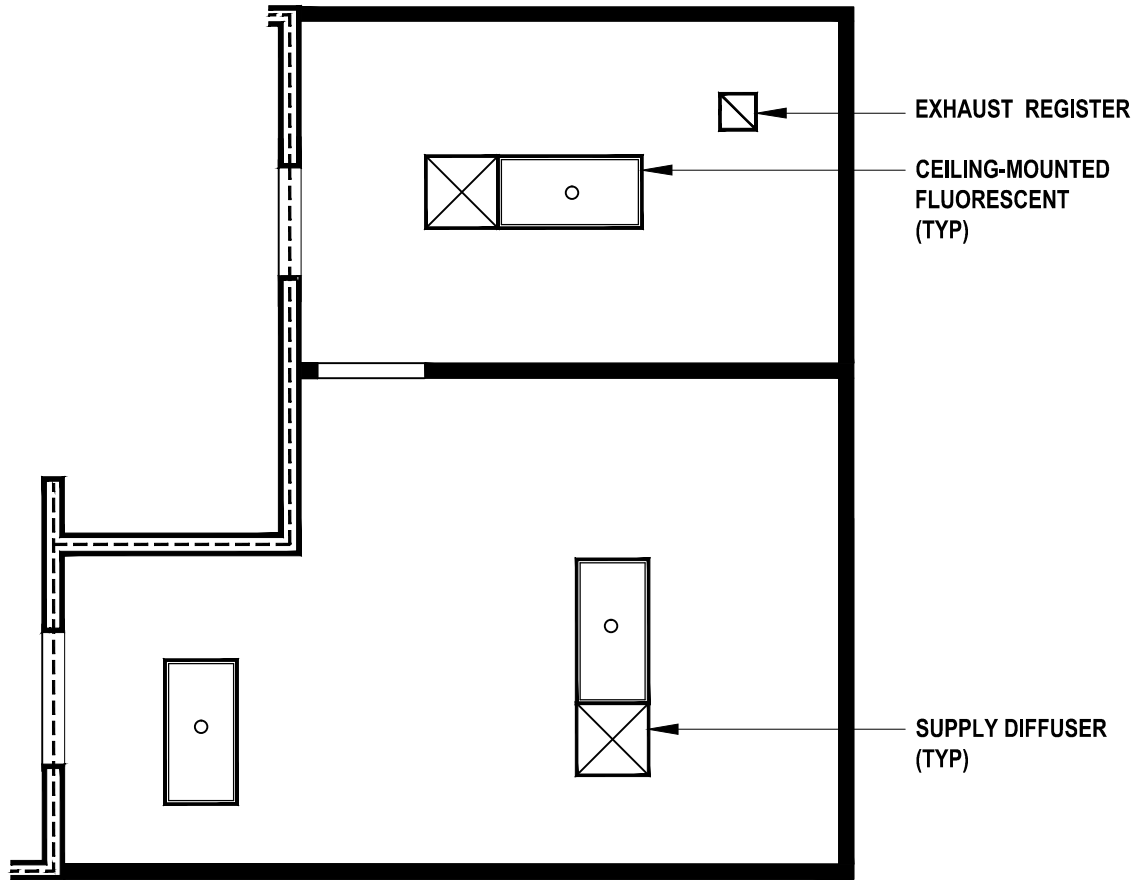
23-b. Urodynamics: Storage and Instrument Cleaning Room (SRS01)
Floor Plan



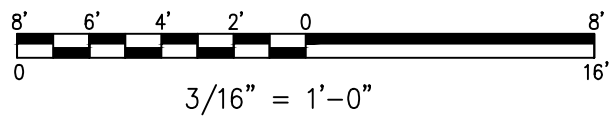
[Total: 400 NSF (37.2 NSM)]
 Cystoscopy / Lithotripsy Storage: 258 NSF (24.0 NSM)
 Instrument Cleaning: 142 NSF (13.2 NSM)



**23-b. Urodynamics Storage and
Instrument Cleaning Room (SRS01)**
Reflected Ceiling Plan



[Total: 400 NSF (37.2 NSM)]
Cystoscopy / Lithotripsy Storage: 258 NSF (24.0 NSM)
Instrument Cleaning: 142 NSF (13.2 NSM)



23-b. Urodynamics: Storage and Instrument Cleaning Room (SRS01)

Space Requirement:

[Total: 400 NSF (37.2 NSM)]

Cystoscopy/Lithotripsy Storage: 258 NSF (24.0 NSM)

Instrument Cleaning: 142 NSF (13.2 NSM)

Architectural:

Floor Finish:	Resilient Sheet*
Base:	Resilient Sheet*
Wall Finish:	Plaster/Special Coating**
Ceiling:	Plaster/Paint
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	30
Special Construction:	Radiation Shielding, see SD 08110-3.DWG, 13091-1.DWG and 13091-2.DWG
Hardware:	106
Doors:	4'-0" (1219 mm) x 7'-0" (2133 mm) wood, lead-lined, optional lead glass view panel.
Windows:	None

*Heat-Welded Seams, see Master specifications #09666

**See Master specifications #09815

HVAC:

Temperature/Humidity:

Summer: 72°F (22°C) @60%RH

Winter: 82°F (28°C) @20%RH

Min. Air Changes/Hour: 10 ACH for Instrument Cleaning Room

6 ACH for Storage

Pressure: Negative (--) for Instrument Cleaning Room

Positive (+) for Storage

Max Noise Criteria: 40

Electrical:

Lighting Levels:

Two-Level Illumination:

High: 100fc

Low: 50fc

Emergency Power:

One Isolated Receptacle at Instrument Processing

One ceiling-light fixture

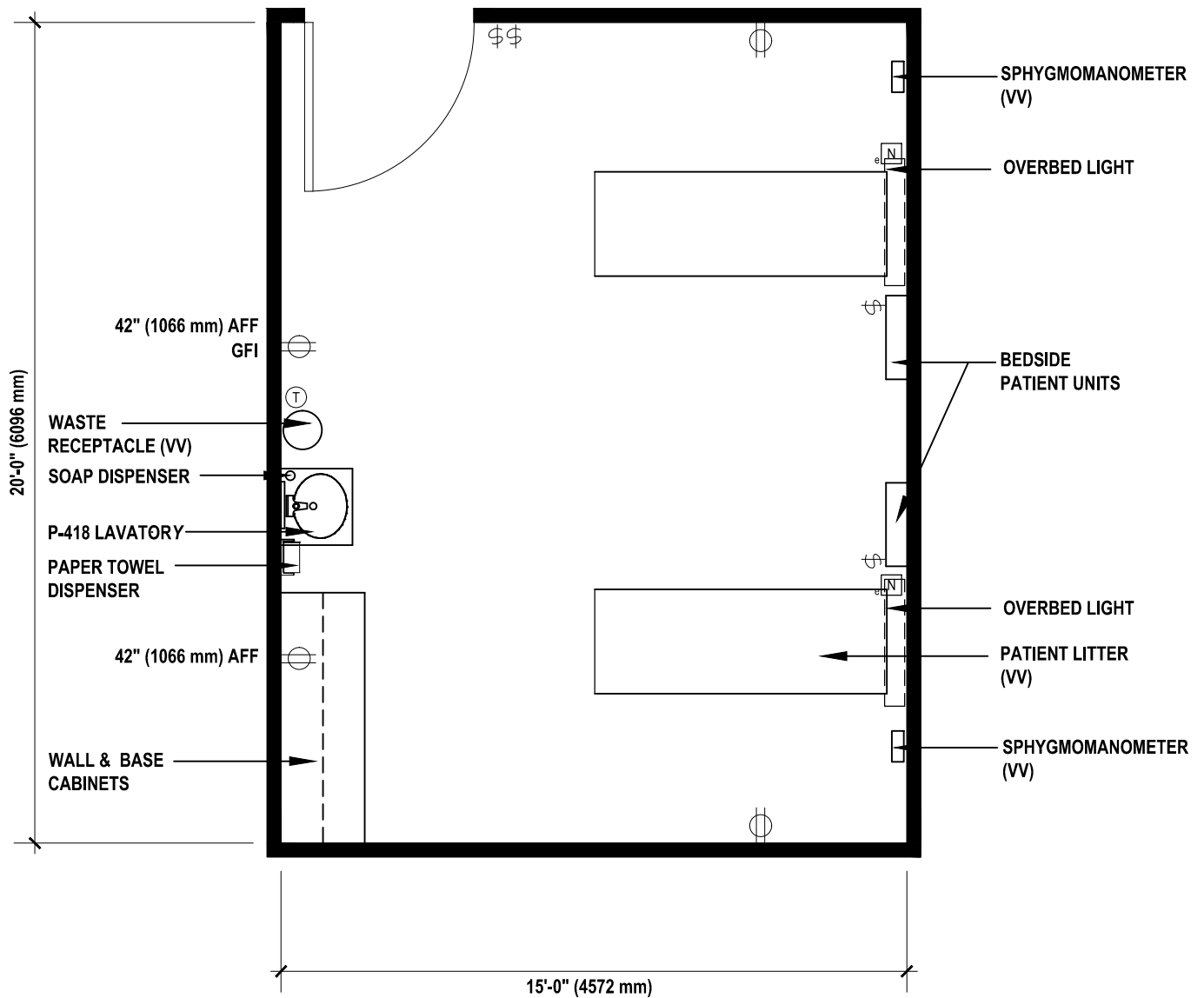
23-b. Urodynamics: Storage and Instrument Cleaning Room (SRS01)

Equipment Table:

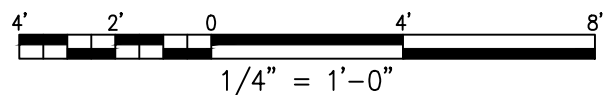
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			CC	COUNTER, CORROSION RESISTING STEEL TOP AND SPLASHBACKS, OPEN BELOW, 30"D X 36"H X LENGTH AS REQUIRED (PG-18-1, MCS 12301)
	AR	AR			CC	CABINET, UNDERCOUNTER, WITH 1 DRAWER, 1 DOOR AND 1 ADJUSTABLE SHELF, AVAILABLE WIDTHS, 12" X 18", 24"; DEPTH 22" HEIGHTS 31", 25", FOR FLOOR MOUNTED ADD 5" TOE BASE (PG-18-1, MCS 12345; H-08-6)
	AR	AR			CC	CABINET, UNDERCOUNTER, WITH 6/5 DRAWERS, 1 DOOR AND 1 ADJUSTABLE SHELF, AVAILABLE WIDTHS 36", 48"; DEPTH 22"; HEIGHTS 31", 25", FOR FLOOR MOUNTED AND ADD 5" TOE BASE (PG-18-1, MCS 12345)
	1	1			CC	DUAL SINKS, CORROSION RESISTING STEEL, WITH CENTER DRAIN OUTLET, 18" X 15" X 12" DEEP (PG-18-1, MCS 11602)
	1	1			VV	DISPENSER, SOAP, LIQUID WALL MOUNTED
	1	1			VV	DISPENSER, PAPER TOWEL, SURFACE MOUNTED
	AR	AR			CC	CABINET, WALL WITH SLOPING TOP, 2 GLAZED SLIDING DOORS AND 2 ADJUSTABLE SHELVES, AVAILABLE WIDTHS 30", 36", 42", 48"; DEPTH 16"; HEIGHT 48" (H-08-1, MCS 12345)
	1	1			CC	CABINET, UNDERCOUNTER, WITH 5/4 DRAWERS, AVAILABLE WIDTHS 18", 24", 36", 48"; DEPTH 22"; HEIGHTS 31", 25", FOR FLOOR MOUNTED ADD 5" TOE BASE (PG-18-1, MCS 12345)
	AR	AR			VC	CABINET, SOLUTION WARMING, UNDERCOUNTER, ELECTRIC, STAINLESS STEEL, APPROX 30"W X 18"D X 29"H
	1	1			CC	LITHOTRIPTER, MOBILE, 30" X 60"
	AR	AR			CC	MOBILE CART, 20" X 30"
	AR	AR			CC	AUTOMATIC ENDOSCOPE STERILIZATION MACHINE, COUNTER MODEL, 36" X 30" D, WITH WATER FILTERATION SYSTEM
	1	1			VV	WIRE STORAGE RACK, 13" X 36" W

**TABLE 3.23b
URODYNAMICS: STORAGE AND
INSTRUMENT CLEANING ROOM (SRS01)**

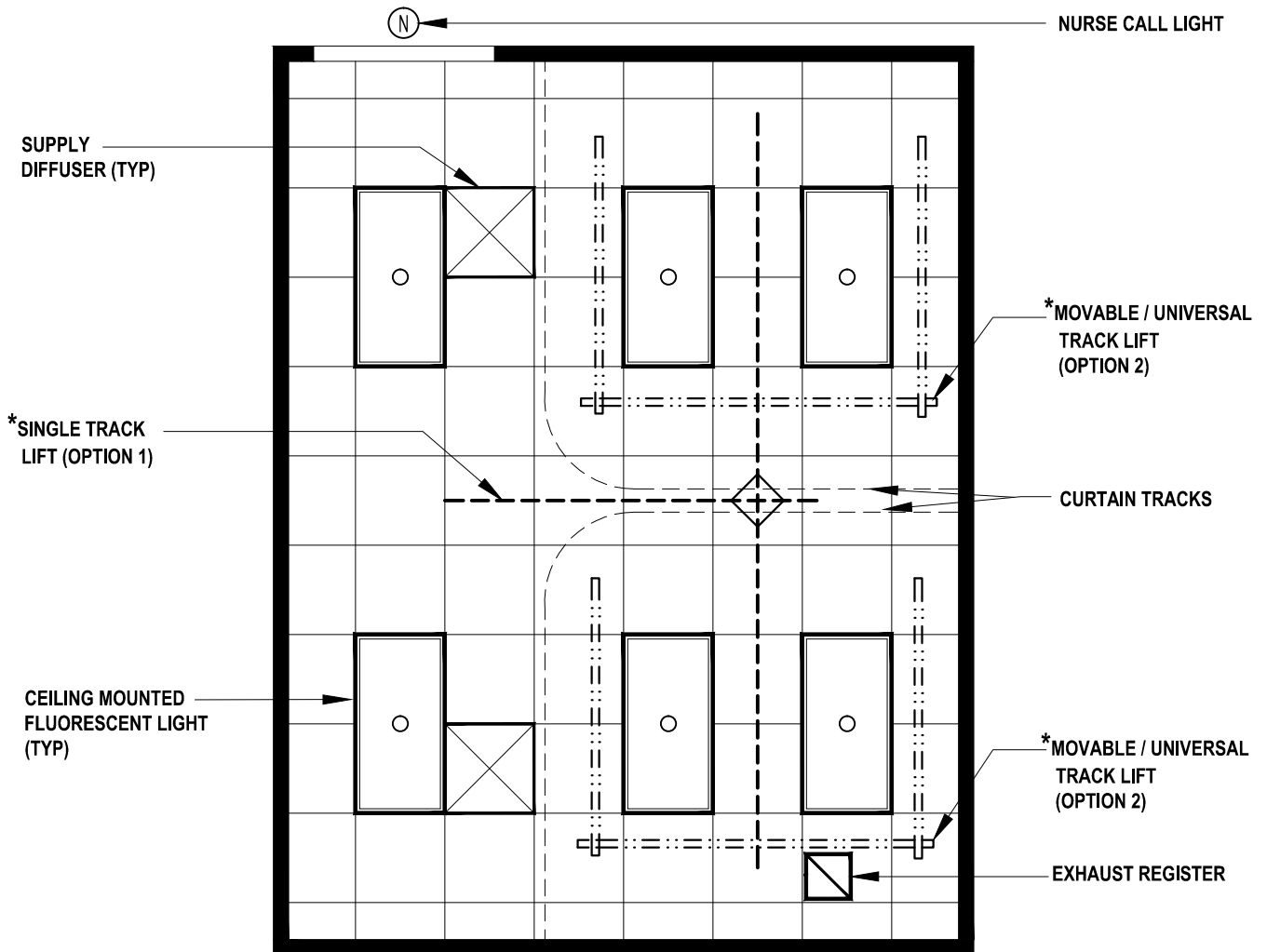
24. Urodynamics: Recovery Room (RRSS1)
Floor Plan



300 NSF (27.9 NSM)

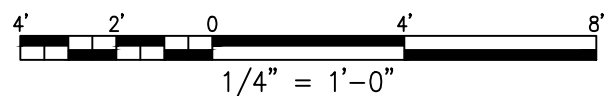


24. Urodynamics: Recovery Room (RRSS1) Reflected Ceiling Plan



NOTE: * BOTH SINGLE TRACK & MOVABLE OR UNIVERSAL TRACK LIFT SYSTEMS ARE INDICATED IN THE PLAN AS AN OPTION. THE TYPE OF LIFT TO BE USED ON A SPECIFIC PROJECT IS TO BE SPECIFIED / SELECTED BY THE VA CENTER OR STATION.

300 NSF (27.9 NSM)



24. Urodynamics: Recovery Room (RRSS1)

Space Requirement:

300 NSF (27.9 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Veneer Plaster/Paint
Ceiling:	Acoustical Tile
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	35
Slab Depression:	None
Special Construction:	-
Hardware:	69
Doors:	4'-0" (1219 mm) x 7'-0" (2133 mm) wood or metal, optional glass view panel.
Windows:	None Required

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Neutral (o)
Max Noise Criteria:	35

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Over Bed:	100fc
Emergency Power:	
Overbed Lights	
One Receptacle per PBPU	
Nurse Call	
Medical Gases	

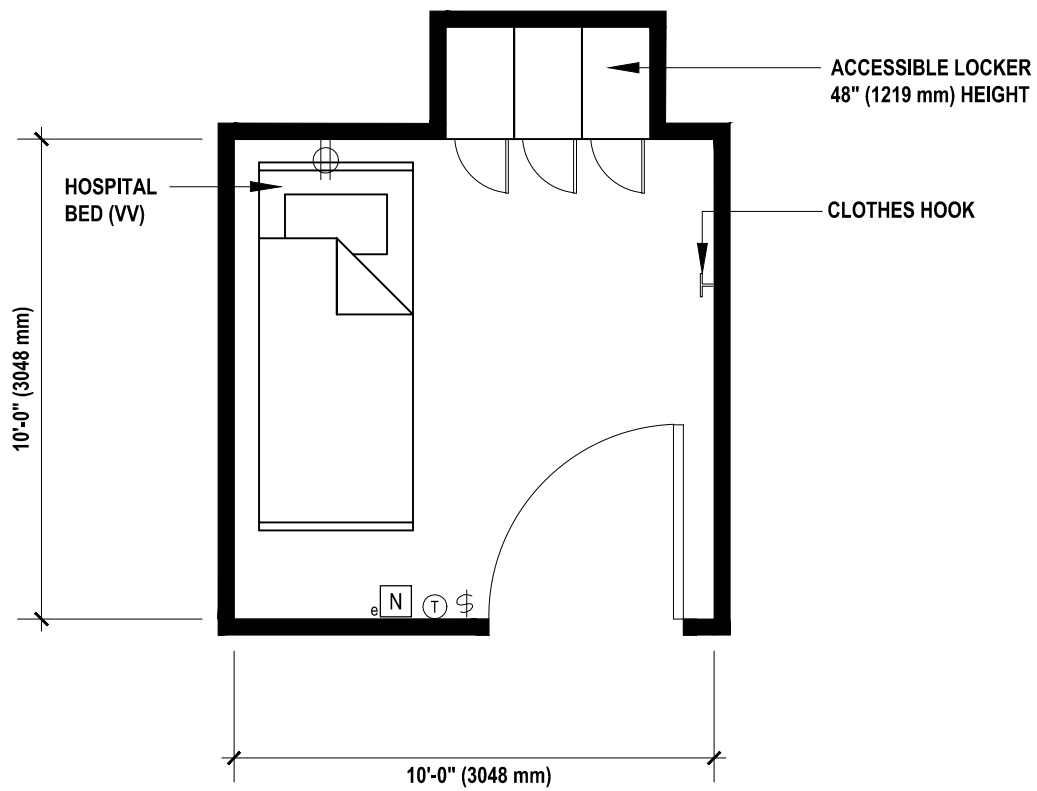
24. Urodynamics: Recovery Room (RRSS1)

Equipment Table:

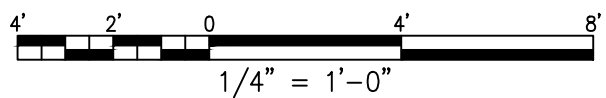
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	2	2			VV	BED OR STRETCHER, RECOVERY APPROX. 30" W X 80" L
	2	2			VV	SPHYGMOMANOMETER, WALL HUNG
	2	2			CC	TRACK, CURTAIN, CUBICLE - EACH BED (PG-18-1, MCS 10152)
	2	2			VV	CURTAIN, CUBICLE
	2	2			CC	PREFABRICATED BEDSIDE POWER UNIT: TYPE 2A (PG-18-4, SD 16630-8.DWG, 16685-2.DWG and 16685-3.DWG)
T-1A	2	2			CC	CABINET, BASE, WITH 2 DRAWERS, 2 HINGED DOORS AND 1 ADJUSTABLE SHELF, 36"W X 22"D X 36"H, CORROSION RESISTING STEEL TOP AND SPLASHBACKS, WITH WALL CABINET ABOVE WITH SLOPING TOP, 2 GLAZED SLIDING DOORS AND 2 ADJUSTABLE GLASS SHELVES (PG-18-1, MCS 12301)
P418	1	1			CC	LAVATORY, STRAIGHT BACK, ELECTRONIC TEMPERED FAUCET, 20" X 18" AND 3 1/2 " APRON (PG-18-1, MCS 15450)
	1	1			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	1	1			CC	DISPENSER, PAPER TOWEL AND DISPOSAL COMBINATION UNITS (PG-18-1, MCS 10800)
	2	2			CC	CALL, NURSES-EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16767)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX GFI, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)
	1	1			VV	RECEPTACLE, WASTE

TABLE 3.24
URODYNAMICS: RECOVERY ROOM (RRSS1)

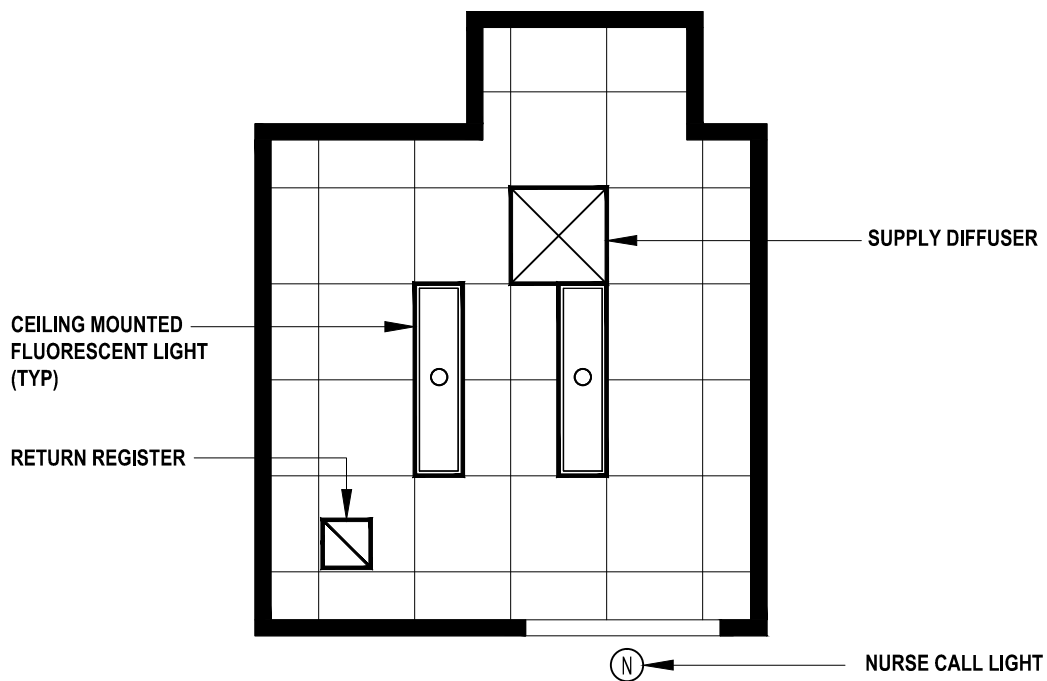
25. Urodynamics: Dressing Room / Cubicle (DR001) Floor Plan



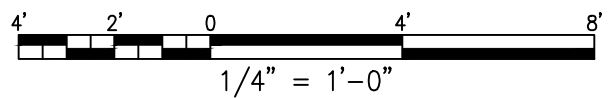
100 NSF (9.3 NSM)



25. Urodynamics: Dressing Room / Cubicle (DR001) Reflected Ceiling Plan



100 NSF (9.3 NSM)



25. Urodynamics: Dressing Room/Cubicle (DR001)

Space Requirement:

100 NSF (9.3 NSM)

Architectural:

Floor Finish: Vinyl Composition Tile
Base: Vinyl
Wall Finish: Gypsum Wallboard/Paint
Ceiling: Acoustical Tile
Ceiling Height: 9'-0" (2743 mm)
Noise (STC Rating): 30
Slab Depression: None
Special Construction: -
Hardware: 7
Doors: 4'-0" (1219 mm) x 7'-0" (2133 mm) wood or metal
Windows: None

HVAC:

Temperature/Humidity:
Summer: 72°F (22°C) @60%RH
Winter: 82°F (28°C) @20%RH
Min. Air Changes/Hour: 6 ACH
Pressure: Neutral (0)
Max Noise Criteria: 40

Electrical:

Lighting Levels:
Gen. Illum: 10fc
Emergency Power:
One Ceiling Light
Nurse Call

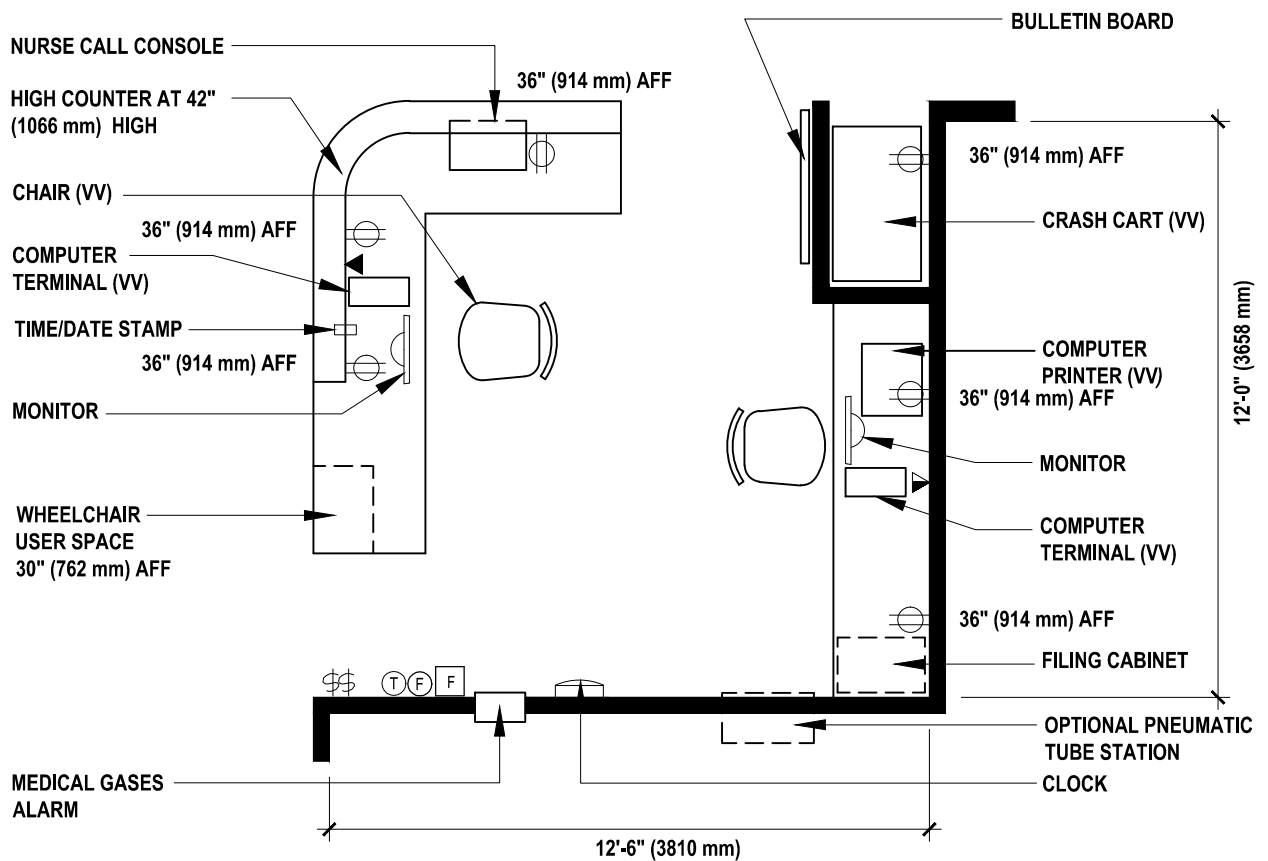
25. Urodynamics: Dressing Room/Cubicle (DR001)

Equipment Table:

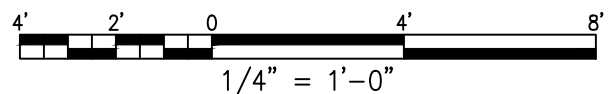
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
T-8	AR	AR			CC	LOCKER, STEEL, SLOPING TOP, 12"W X 21"D X 72" H (PG-18-1, MCS 10500)
	1	1			VV	BED, HOSPITAL ADJUSTABLE
	1	1			CC	TRAPEZE, OVERHEAD (PG-18-1, MCS 05500 ; H-08-4)
	1	1			CC	NURSE CALL – EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
	1	1			CC	HOOK, CLOTHES (PG-18-1, MCS 10800)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)

TABLE 3.25
URODYNAMICS: DRESSING ROOM/CUBICLE (DR001)

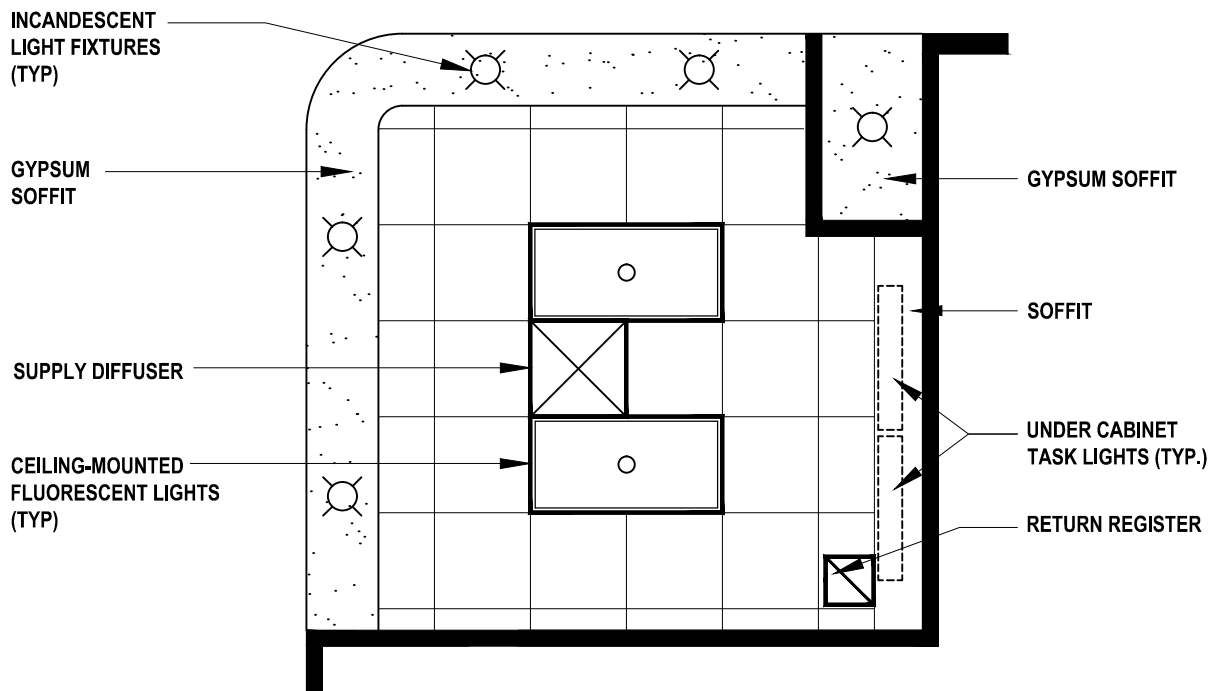
26. Urodynamics: Nurse Station (NSTA1) Floor Plan



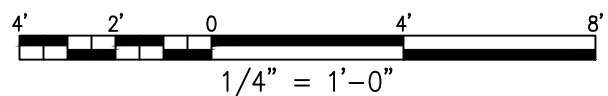
150 NSF (13.9 NSM)



26. Urodynamics: Nurse Station (NSTA1) Reflected Ceiling Plan



150 NSF (13.9 NSM)



26. Urodynamics: Nurse Station (NSTA1)

Space Requirement:

150 NSF (13.9 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Veneer Plaster/Vinyl Fabrication
Ceiling:	Acoustical Tile/Painted Gypsum Soffit
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	N/A
Slab Depression:	None
Special Construction:	-
Hardware:	-
Doors:	None
Windows:	None

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Neutral (0)
Max Noise Criteria:	40

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Task Illum:	70fc
Emergency Power:	
Task Illumination	
One Receptacle	
Nurse Call	
Medical Gas Alarms	

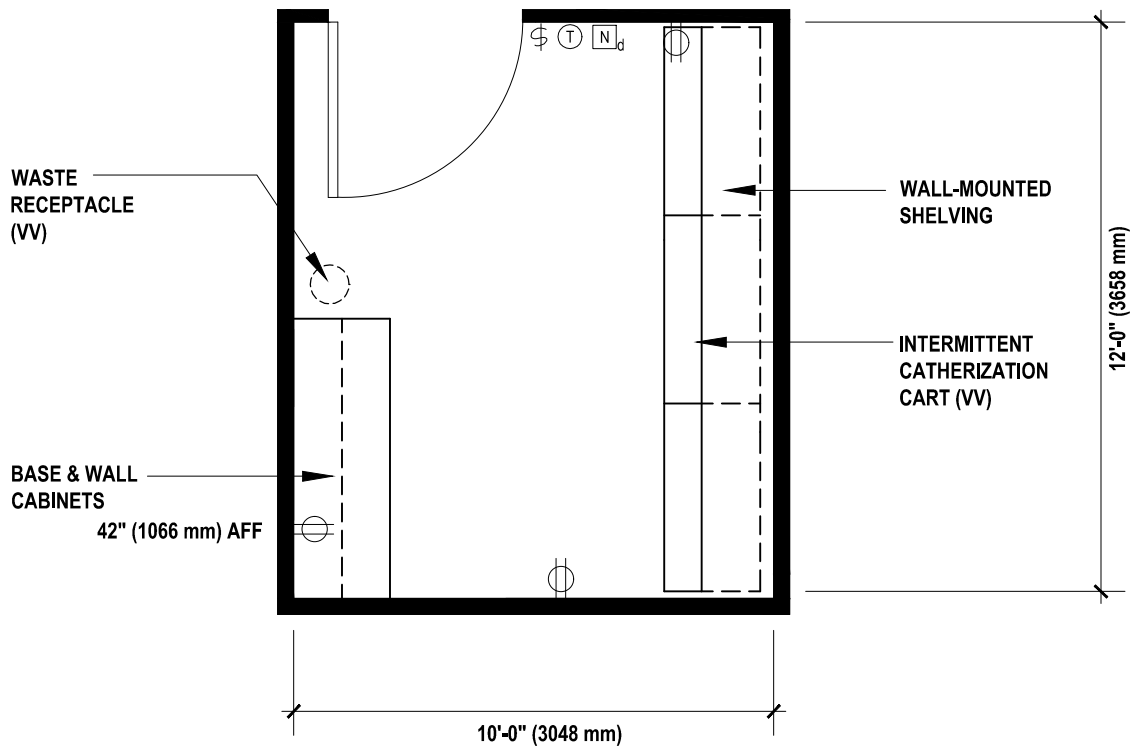
26. Urodynamics: Nurse Station (NSTA1)

Equipment Table:

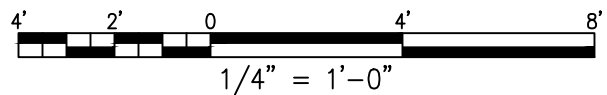
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	AR	AR			CC	COUNTER TOP, HIGH PRESSURE LAMINATE, 30"H WITH 30"H DESK BUILT IN INDIVIDUAL SINGLE DRAWERS BELOW FULL LENGTH OF COUNTER AND PIGEON-HOLE FILES BELOW AS REQUIRED, SIZE ACCORDING TO INDIVIDUAL PROJECT DESIGN (PG-18-1, MCS 12302)
	1	1			CC	NURSE CALL, CONSOLE, ANNUNCIATOR, AUDIO VISUAL DESK TYPE (PG-18-1, MCS 16761)
	1	1			VV	CLOCK BATTERY OPERATED
	AR	AR			VV	CHAIR, ROTARY WITHOUT ARMS
	AR	AR			VV	CABINET, FILING, UNDERCOUNTER
	1	1			CC	FIRE ALARM STATION, AUDIO & VISUAL DEVICE, WALL MOUNTED (PG-18-1, MCS 16721)
	1	1			CC	ALARM, AIR, OXYGEN AND VACUUM FAILURE, WALL MOUNTED (PG-18-1, MCS 15550)
	1	1			CC	STATION, PNEUMATIC TUBE (DETERMINED ON INDIVIDUAL BASIS) (PG-18-1, MCS 14581)
	1	1			VV	CART, EMERGENCY, "CRASH CART" APPROX. 36"W X 21"D
	1	1			VV	PRINTER, COMPUTER SYSTEM
	AR	AR			CC	RECEPTACLE, ELECTRICAL DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510) DOWN LIGHTING, SOFFIT LIGHTING
	AR	AR			CC	KEYBOARD TRAYS
	AR	AR			CC	TELEPHONE
	AR	AR			VV	BULLETIN BOARD, 60W X 36"H

TABLE 3.26
URODYNAMICS: NURSE STATION (NSTA1)

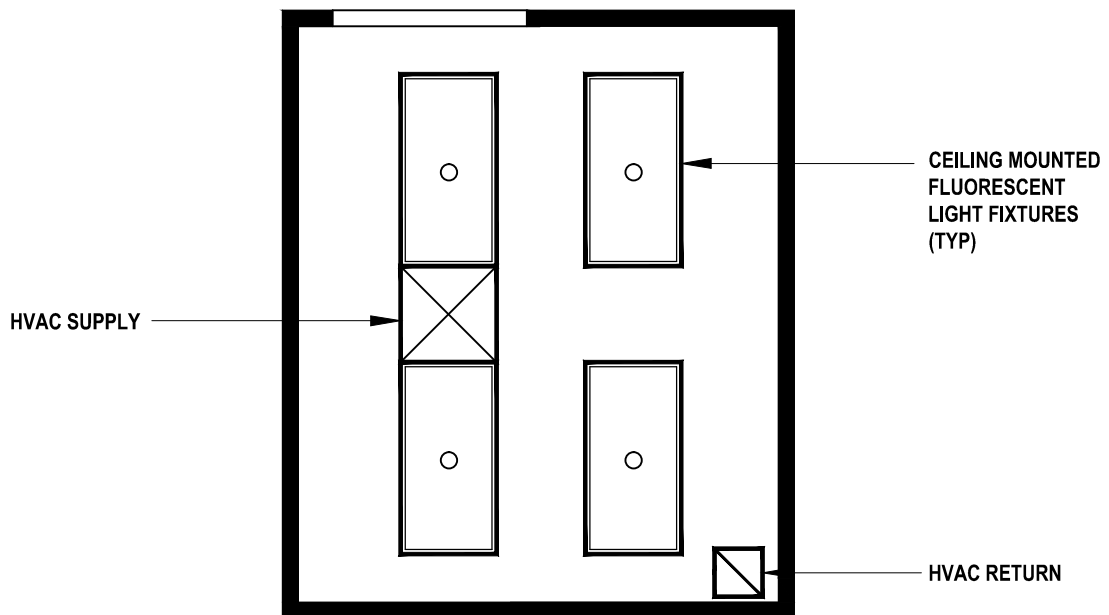
27. Outpatient Urodynamics Clinic Clean Utility Room (UCCL1) Floor Plan



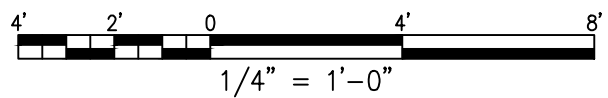
120 NSF (11.2 NSM)



27. Outpatient Urodynamics Clinic Clean Utility Room (UCCL1) Reflected Ceiling Plan



120 NSF (11.2 NSM)



27. Outpatient Urodynamics Clinic **Clean Utility Room (UCCL1)**

Space Requirement:

120 NSF (11.2 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Veneer Plaster*
Ceiling:	Gypsum Wallboard/Paint
Ceiling Height:	9'-0" (2743 mm)
Noise (STC Rating):	30
Slab Depression:	None
Special Construction:	One Hour Fire-Rated enclosure plus sprinklers.
Hardware:	43
Doors:	3'-8" (1117 mm) x 7'-0" (2133 mm) wood or metal, optional wireglass view panel, "C" Label.
Windows:	None

*Special Coating, see Master specifications #09815

HVAC:

Temperature/Humidity:	
Summer:	Not required (note 1)
Winter:	Not required (note 1)
Min. Air Changes/Hour:	4 ACH
Pressure:	Positive (+)
Max Noise Criteria:	35

NOTES:

1. Since room temperature control is not required, Temperature/Humidity is not listed.

Electrical:

Lighting Levels:	
Gen. Illum:	10fc
Emergency Power:	
Nurse Call	

27. Outpatient Urodynamics Clinic Clean Utility Room (UCCL1)

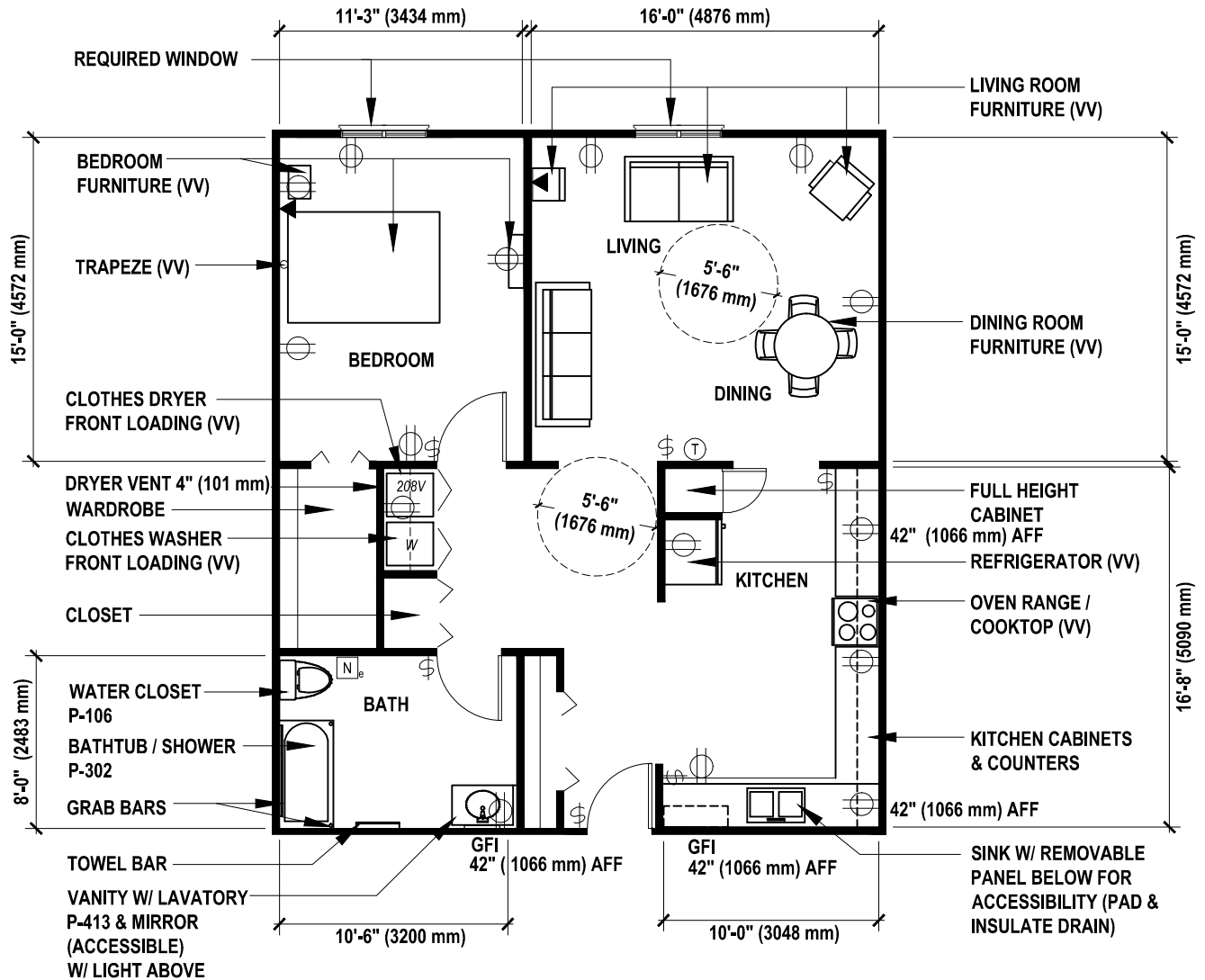
Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
T-14	2	2			CC	CABINET, BASE, WITH 2 DRAWERS, 2 HINGED DOORS AND 1 ADJUSTABLE SHELF, 36"W X 22"D X 36"H, CORROSION RESTING STEEL TOP AND SPLASHBACKS, WITH WALL CABINET ABOVE WITH SLOPING TOP, 2 GLAZED SLIDING DOORS AND 2 ADJUSTABLE GLASS SHELVES (PG-18-1, MCS 12301)
T-7A	AR	AR			CC	SHELVING, WALL HUNG, STEEL, WITH ADJUSTABLE SHELVES, 36"W X 16"D X 24"H (PG-18-1, MCS 12301)
	1	1			VV	RECEPTACLE, WASTE, STEP ON TYPE, APPROX. 12" DIAMETER
	1	1			CC	CALL, NURSE DUTY STATION, AUDIO VISUAL TYPE WITHOUT INTERCOM (PG-18-1, MCS 16761)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	AR	AR			VV	CART, MEDICAL, SUPPLY
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)

TABLE 3.27
OUTPATIENT URODYNAMICS CLINIC
CLEAN UTILITY ROOM (UCCL1)

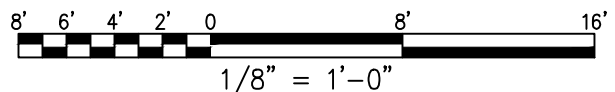
28. Home Environment Learning (XXYYC)

Floor Plan

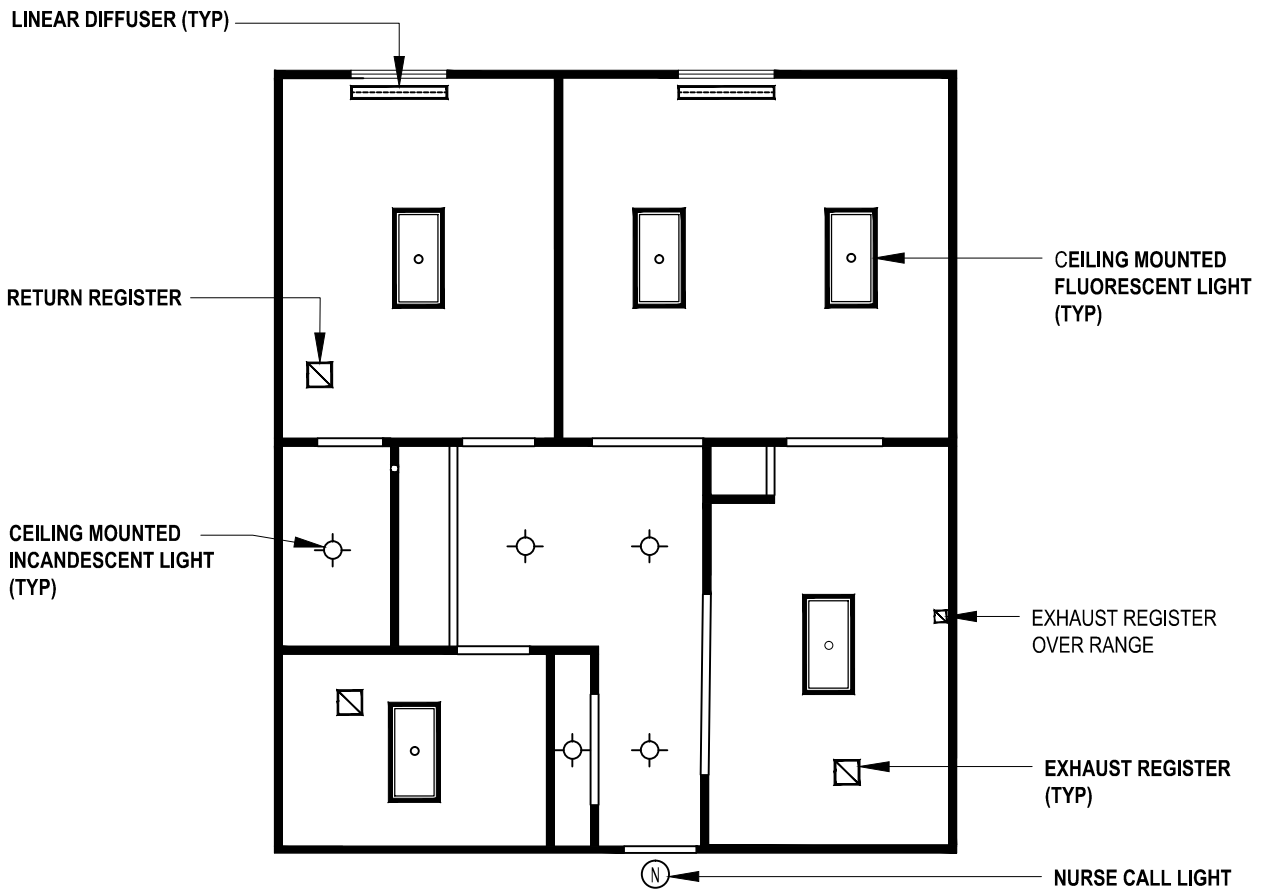


- NOTE:**
- 1- Access to an outdoor recreational area is desirable. Room size is variable, see project- specific program for actual size.
 - 2- Home Environment Learning is designed to provide a transition for the SCI/D patient from the hospital environment to the home environment. This process occurs at the end of acute care and allows the patient to function as if he/she is at home but with the support of acute care staff and programs if needed. Family and/or caregivers are encouraged to occupy this space with the patient in order to simulate what living in the home environment will be like and it should be accessible to the point that a private home would be. Thus, this program will provide "real world" levels of accessibility in order to provide the patient with realistic expectations. Bathrooms should be accessible to the level that is achievable in a private home; but not to the degree that a patient bathroom at the SCI/C Center would be. A removable panel should be provided at the kitchen sink area in order to provide the patient with either fully accessible access to the sink, or a less accessible access to simulate real life situations.

660 NSF (61.3 NSM)

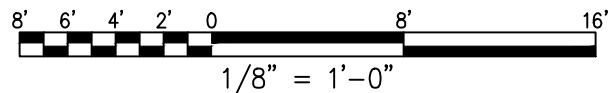


28. Home Environment Learning (XXYYC) Reflected Ceiling Plan



NOTE: LIGHTING AND HVAC DIFFUSER LOCATIONS AS PER CONVENTIONAL RESIDENTIAL CONSTRUCTION.

660 NSF 61.3 NSM)



28-a. Home Environment Learning - Living/Dining (XXYYC)

Space Requirement:

240 NSF (22.3 NSM)

Architectural:

Floor Finish: Carpet
Base: Vinyl
Wall Finish: GWB-Vinyl Fabric Wall cover
Ceiling: Gypsum Wallboard/ Paint
Ceiling Height: 8'-0" (2438 mm)
Noise (STC Rating): 30
Slab Depression: None
Special Construction: -
Hardware: 23 (Entrance Hall)
Doors: 3'-0" (914 mm) x 7'-0" (2133 mm) wood
Windows: Required

HVAC:

Temperature/Humidity:
 Summer: 72°F (22°C) @60%RH
 Winter: 82°F (28°C) @20%RH
Min. Air Changes/Hour: 4 ACH
Pressure: Neutral (0)
Max Noise Criteria: 35

Electrical:

Lighting Levels:
 Varies
Emergency Power:
 Ceiling Light in Central Hall

28-a. Home Environment Learning - Living/Dining (XXYYC)**Equipment Table:**

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1				VV	SOFA, 3 SEAT UPHOLSTERED, APPROX 83"W X 33"D X 28"H
	2				VV	CHAIR, UPHOLSTERED, REGULAR
	1				VV	CHAIR, CUSHION LIFT
	1				VV	TABLE, COFFEE, APPROX 41"W X 20"D X 15"H
	2				VV	TABLE, END APPROX 20"W X 26"D X 20"H
	2				VV	LAMP, TABLE TYPE
	1				CC	OUTLET, MASTER TELEVISION ANTENNA (PG-18-1, MCS 16781)
	1				VV	RECEIVER, TELEVISION 120 VOLT, 20 AMP
	AR				CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1				VV	TABLE, DINING APPROX. 36"W X 36"D
	4				VV	CHAIR, DINING, APPROX 18"W X 18" D

TABLE 3.28a
HOME ENVIRONMENT LEARNING - LIVING/DINING (XXYYC)

28-b. Home Environment Learning - Kitchen (XXYYC)

Space Requirement:

167 NSF (15.5 NSM)

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard
Ceiling:	Gypsum Wallboard/ Paint
Ceiling Height:	8'-0" (2438 mm)
Noise (STC Rating):	30
Slab Depression:	None
Special Construction:	-
Hardware:	N/A
Doors:	Not Required
Windows:	Not Required

HVAC:

Temperature:	
Summer:	Not required (note 1)
Winter:	Not required (note 1)
Min. Air Changes/Hour:	10 ACH
Pressure:	Negative (-)
Max Noise Criteria:	40

NOTES:

1. Since room temperature control is not required, Temperature/Humidity is not listed.

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Emergency Power:	None

28-b. Home Environment Learning - Kitchen (XXYYC)**Equipment Table:**

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1				VV	CAN OPENER, ELECTRIC, 120 VOLT, 20 AMP
	1				VV	MIXER, ELECTRIC, 120 VOLT, 20 AMP
	1				VV	REFRIGERATOR – FREEZER, DOMESTIC, 120 VOLT, 20 AMP APPROX., 31"W X 28"D X 66"H
	1				VV	OVEN, ELECTRIC, BUILT IN SINGLE COMPARTMENT, DOMESTIC, 208 VOLT, 25 AMP SINGLE PHASE, SIDE HINGE
	1				VV	RANGE, ELECTRIC, 4 BURNERS, FRONT CONTROLS, DOMESTIC, 208 VOLT, 40 AMP, SINGLE PHASE
	1				CC	CONNECTIONS, PLUMBING, ELECTRICAL OR MECHANICAL AS REQUIRED
	AR				CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1				CC	CABINET, KITCHEN, WALL MOUNTED, DOMESTIC (PG-18-1, MCS 11450 & 11451)
	1				CC	CABINET, KITCHEN BASE, WITH WORK TOP AND SINK, DOMESTIC (PG-18-1, MCS 11450 & 11451)
	1				VV	CLOCK, BATTERY OPERATED

**TABLE 3.28b
HOME ENVIRONMENT LEARNING - KITCHEN (XXYYC)**

28-c. Home Environment Learning - Bedroom (XXYYC)

Space Requirement:

169 NSF (15.7 NSM)

Architectural:

Floor Finish:	Carpet
Base:	Vinyl
Wall Finish:	GWB-Vinyl Fabric Wallcover
Ceiling:	Gypsum Wallboard/ Paint
Ceiling Height:	8'-0" (2438 mm)
Noise (STC Rating):	30
Slab Depression:	None
Special Construction:	-
Hardware:	7
Doors:	3'-0" (914 mm) x 7'-0" (2133 mm) wood
Windows:	Required by Code

HVAC:

Temperature:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	4 ACH
Pressure:	Neutral (0)
Max Noise Criteria:	35

Electrical:

Lighting Levels:	
Gen. Illum:	20fc
Emergency Power:	
Nurse Call	

28-c. Home Environment Learning - Bedroom (XXYYC)**Equipment Table:**

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	2				VV	BED, WITH HEADBOARD AND TRAPEZE
	1				VV	DRESSER, WITH MIRROR, SIZE AND REQUIRED
	1				VV	CHAIR, STRAIGHT OR ROTARY
	1				VV	NIGHT STAND WITH DRAWER APPROX. 18"W X 18"D X 24"H
	1				CC	CALL, NURSES-EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
	1				CC	TRAPEZE, OVERHEAD ON BED (PG-18-1, MCS 05500)
	AR				CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)

TABLE 3.28c
HOME ENVIRONMENT LEARNING - BEDROOM (XXYYC)

28-d. Home Environment Learning - Bathroom (XXYYC)

Space Requirement:

84 NSF (7.8 NSM)

Architectural:

Floor Finish:	Ceramic Tile (slip-resistant)
Base:	Ceramic Tile
Wall Finish:	GWB/Ceramic Wainscot* 4'-0" (1219 mm)
Ceiling:	Gypsum Wallboard/ Paint
Ceiling Height:	8'-0" (2438 mm)
Noise (STC Rating):	30
Slab Depression:	None
Special Construction:	-
Hardware:	14
Doors:	3'-0" (914 mm) x 7'-0" (2133 mm) wood
Windows:	Not Required

HVAC:

Temperature:	
Summer:	Not required (note 1)
Winter:	Not required (note 1)
Min. Air Changes/Hour:	10 ACH (100% exhaust)
Pressure:	Negative
Noise Criteria:	40

NOTES:

1. Since room temperature control is not required, Temperature/Humidity is not listed.

Electrical:

Lighting Levels:	
Gen. Illum:	20fc
Emergency Power:	
Nurse Call	
Ceiling Light	

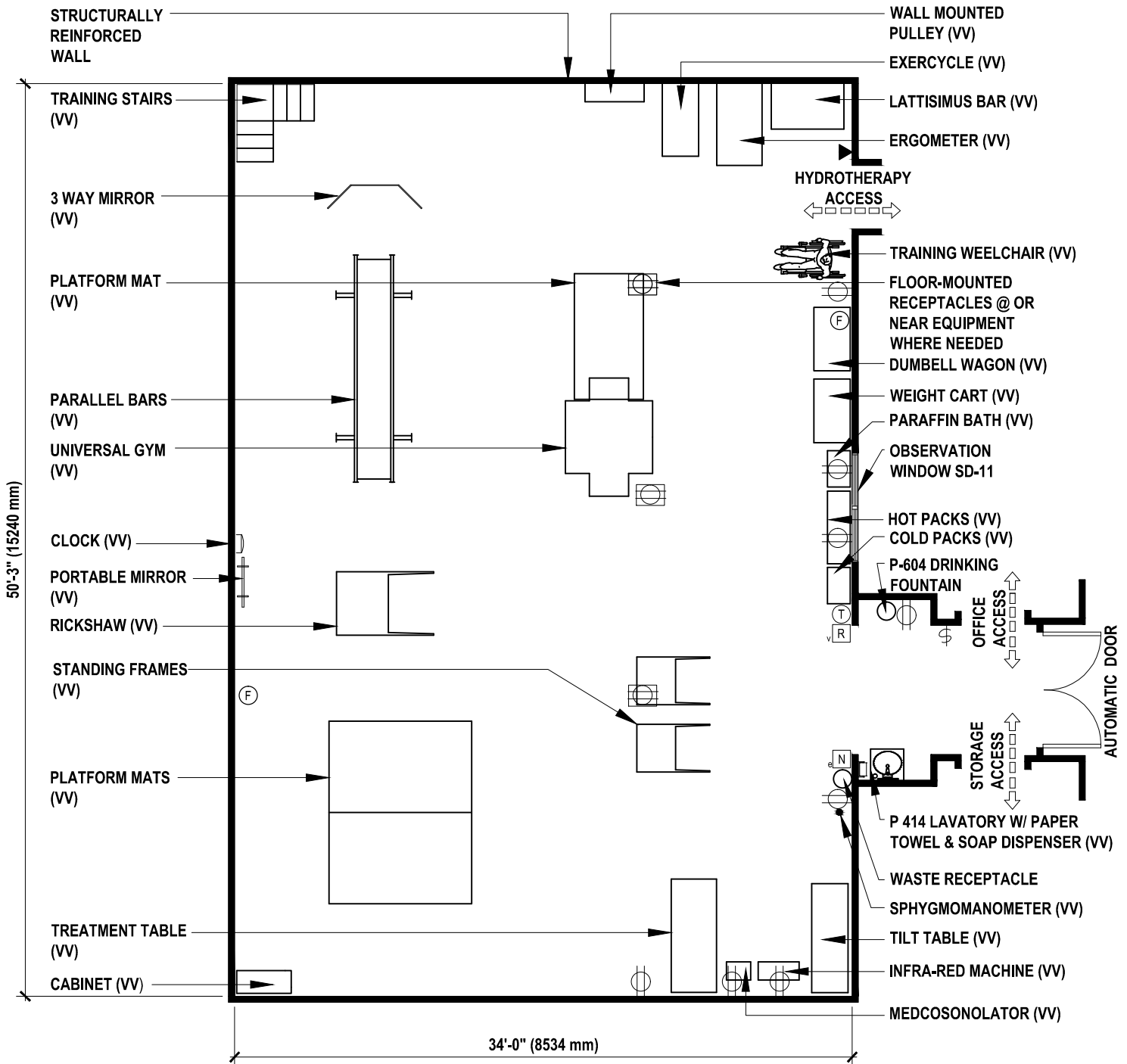
28-d. Home Environment Learning - Bathroom (XXYYC)

Equipment Table:

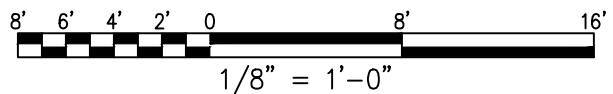
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
P-302	1				CC	TUB, BATH, RECESSED, WITH SHOWER AND PRESSURE BALANCING VALVE, 60" X 30" X 16" (PG-18-1, MCS 15450; PG-18-4, SD 10800-4.DWG)
	2				CC	BAR, GRAB, UPRIGHT AND ANGULAR, AROUND TUB (PG-18-1, MCS 10800; PG-18-4, SD 10800-4.DWG)
P-106	1				CC	WATER CLOSET, FLUSH TANK TYPE (PG-18-1, MCS 15450)
	1				CC	BAR, GRAB FOR WATER CLOSET (PG-18-1, MCS 10800; PG-18-4, SD 10162-1.DWG)
P-413	1				CC	LAVATORY, COUNTER MOUNTED, 19" DIAMETER WRIST BLADE HANDLES, GOOSENECK, SPOUT (PG-18-1, MCS 15450)
	1				CC	MIRROR, HEAT TEMPERED GLASS, OVER LAVATORY (PG-18-1, MCS 10800; H-08-4, 10800-7.DWG)
	1				CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP, WITH GROUND FAULT INTERRUPTER, ADJACENT TO LAVATORY (PG-18-1, MCS 16140)
	1				CC	NURSE CALL-EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
	1				VV	WASHER, CLOTHES, FRONT LOADING AND FRONT CONTROL COMMERCIAL, 120 VOLT, 20 AMP
P-808	1				CC	WASHING MACHINE SUPPLY AND DRAIN UNITS (PG-18-1, MCS 15450; H-08-4, SD 15400-9.DWG)
	1				VV	DRYER, CLOTHES, FRONT LOADING AND FRONT CONTROL COMMERCIAL, 208 VOLT, 30 AMP, SINGLE PHASE
	1				CC	RECEPTACLE, ELECTRIC WASHING MACHINE, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1				CC	RECEPTACLE, ELECTRIC DRYER, 208 VOLT, 40 AMP (PG-18-1, MCS 16140)
	1				CC	CONNECTIONS, PLUMBING, ELECTRICAL OR MECHANICAL AS REQUIRED

TABLE 3.28d
HOME ENVIRONMENT LEARNING - BATHROOM (XXYYC)

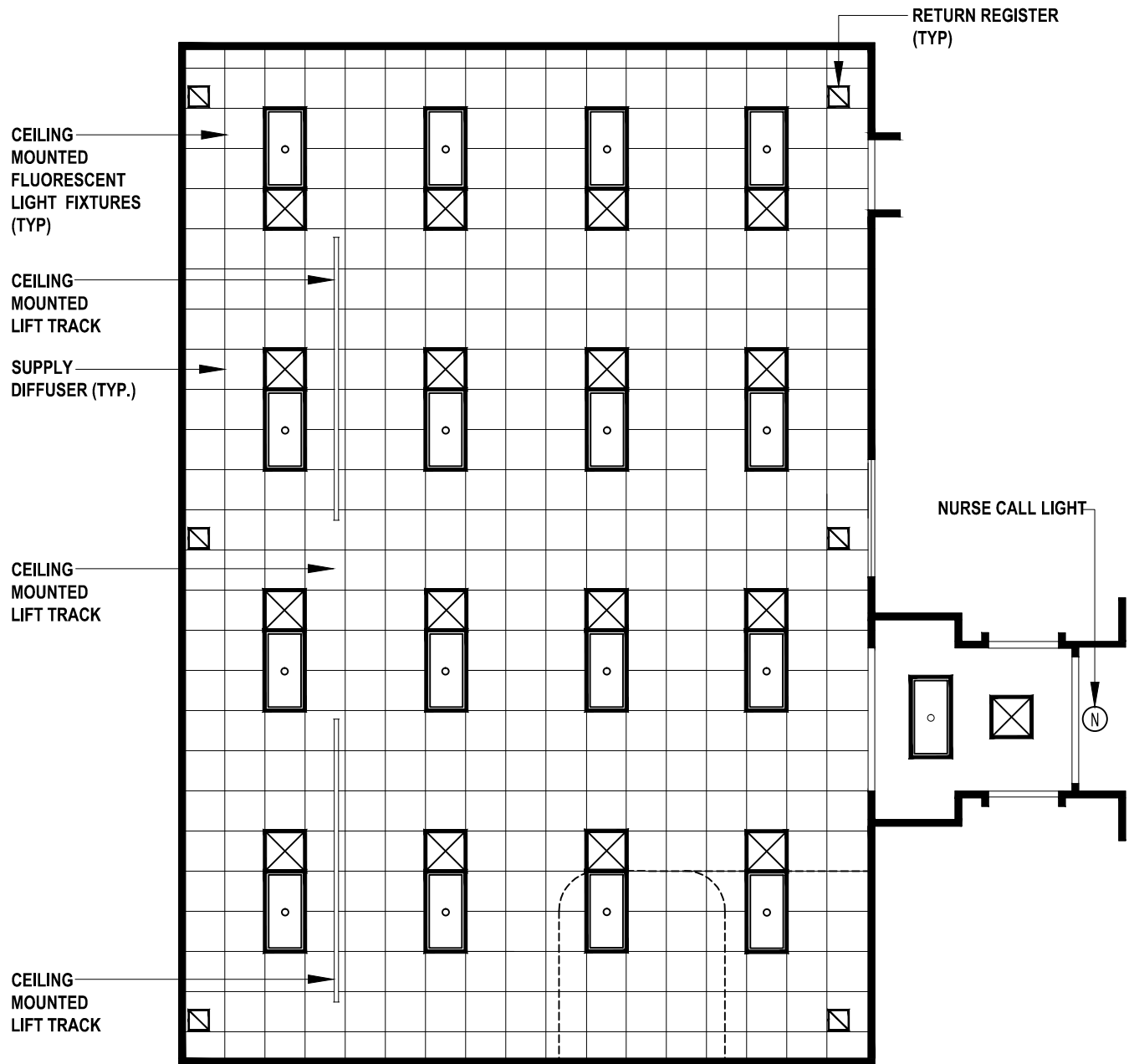
29. Physical Therapy / Kinesiology Therapy-30 Beds (PTES1) Floor Plan



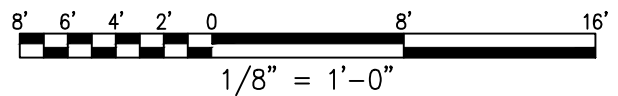
1700 NSF (157.9 NSM)



29. Physical Therapy / Kinesiology Therapy-30 Beds (PTES1)
 Reflected Ceiling Plan



1700 NSF (157.9 NSM)



29. Physical Therapy/Kinesiology Therapy - 30 Beds (PTES1)

Space Requirement:

30 SCI Beds or less: 1700 NSF (157.9 NSM)

Architectural:

Floor Finish: Vinyl Composition Tile
Base: Vinyl
Wall Finish: Gypsum Wallboard/Paint
Ceiling: Acoustical Tile
Ceiling Height: 9'-6" (2895 mm)
Noise (STC Rating): 30
Slab Depression: None
Special Construction: Wall-mounted pulleys require a reinforced wall with hardwood, Veneer plywood surface; see Master specifications #06200.
Hardware: 82
Doors: 2@3'-0" (914 mm) x 7'-0" (2133 mm) wood or metal, upper half=laminated safety glass.
Windows: Desirable, see PG-18-3, Topic 1, Codes and Standards

HVAC:

Temperature/Humidity:
Summer: 72°F (22°C) @60%RH
Winter: 82°F (28°C) @20%RH
Min. Air Changes/Hour: 6 ACH
Pressure: Neutral (0)
Max Noise Criteria: 40

Electrical:

Lighting Levels:
Gen. Illum: 30fc
Emergency Power:
One Ceiling Light
Nurse Call

29. Physical Therapy/Kinesiology Therapy - 30 Beds (PTES1)

Equipment Table:

A - Combined Physical and Corrective Therapy Clinics for Spinal Cord Injury/Disorders Centers of 0-30 Beds.

B - Combined Physical and Corrective Therapy Clinics for Spinal Cord Injury/Disorders Centers of 31-60 Beds.

C - Not Applicable.

D - Not Applicable.

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	2	4			VV	PLATFORM, MAT, 72"W X 96"L X 18"H OR 48"W X 84"L X 18"H
	1	1			VV	GYM, UNIVERSAL, APPROX. 84" X 84" X 84" NOTE: THE MEDICAL CENTER MAY SUBSTITUTE A PLATFORM MAT FOR THE UNIVERSAL GYM. THIS ELIMINATES THE NEED FOR A SEPARATE LATISSIMUS BAR AND CEILING MOUNTED PULLEY.
	1	2			VV	TABLE, TREATMENT, HI-LO ELECTRICAL 120 VOLT, 20 AMP, 30"W X 78"L X 32"H
	2	2			VV	FRAMES, STANDING, 32"W X 42"L X 60"H
	1	1			VV	BARS, PARALLEL, APPROX. 26"W X 180"L X 40"H
	NR	1			VV	BARS, PARALLEL, APPROX. 26"W X 144"L X 40"H
	1	1			VV	TABLE, TILT, ELECTRICAL, 120 VOLT, 20 AMP, 28"W X 76"L X 32"H
	1	2			VV	PULLEY, OVERHEAD, CEILING MOUNTED
	2	4			VV	PULLEY, WALL, TRIPLEX APPROX. 38"W X 12"D X 96"H
	1	1			VV	RICKSHAW, APPROX. 42"W X 62"L X 30"H
	1	2			VV	EXERCYCLE, ELECTRIC, 120 VOLT, 20 AMP, APPROX. 24"W X 48"L X 40"H
	1	1			VV	BAR, LATISSIMUS, APPROX. 32"W X 50"L X 96"H
	1	2			VV	CART, WEIGHT, APPROX. 26"W X 36"L X 54"H
	1	2			VV	WAGON, DUMBELLS, APPROX. 25"W X 46"L X 41"H
	2	4			VV	MIRROR, SINGLE, PORTABLE, FULL LENGTH, APPROX. 24"W X 4"D X 72"H
	NR	1			VV	MIRROR, POSTURE, 3-WAY, APPROX. 81"W X 12"D X 72"H
	1	1			VV	BATH, PARAFFIN, ARM, HAND AND FOOT, APPROX. 12"W X 25"L X 36" H
	1	1			VV	STAIRS, EXERCISE, APPROX. 39"W X 54"L X 59"H
	2	6			VV	WHEELCHAIRS, TEACHING, APPROX. 26"W X 57"L X 36"H

TABLE 3.29
PHYSICAL THERAPY/KINESIOLOGY THERAPY –
30 BEDS (PTES1)

29. Physical Therapy/Kinesiology Therapy - 30 Beds (PTES1)

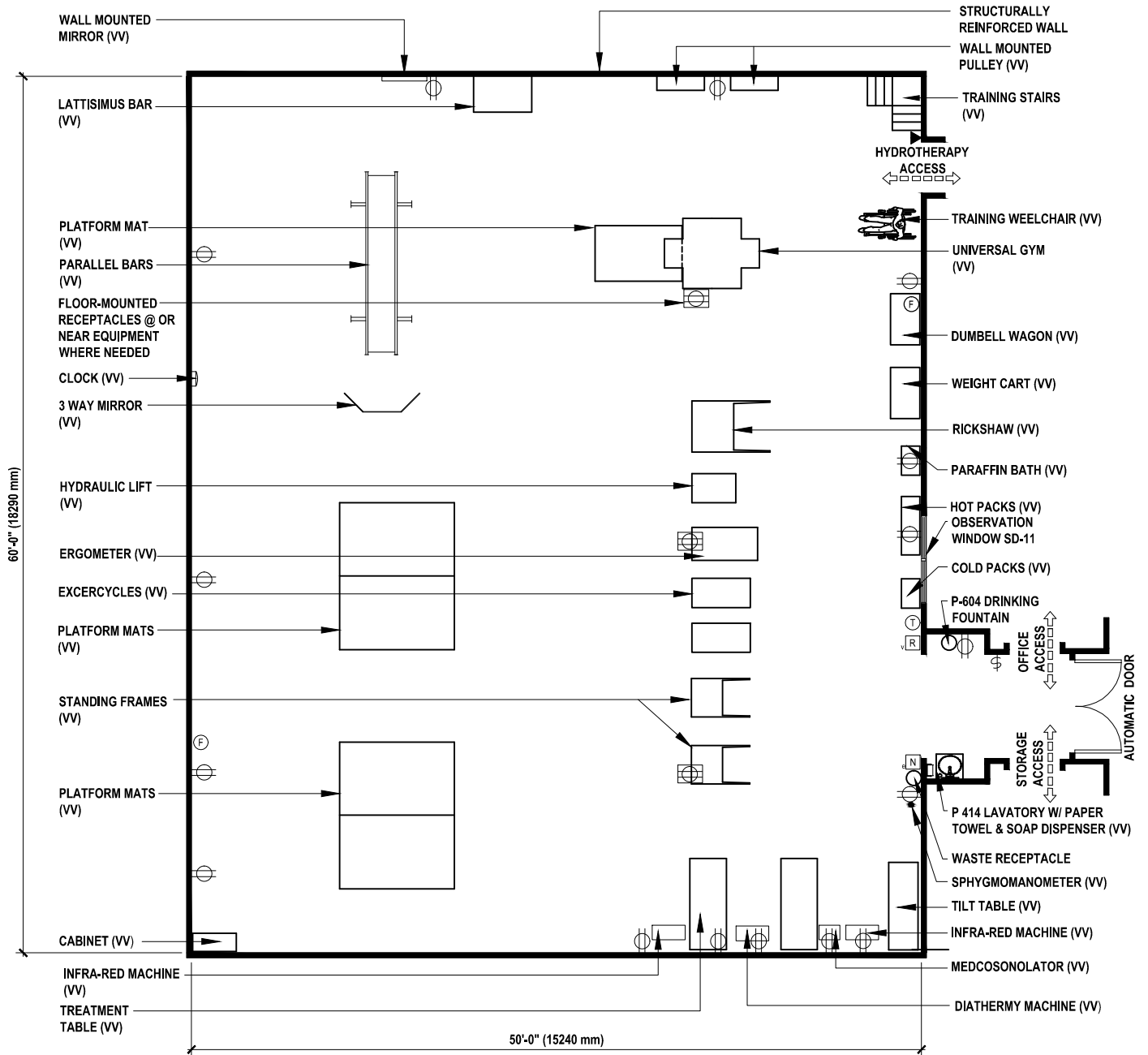
Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	2			VV	CABINET, STORAGE, METAL, 2 DOORS WITH LOCK, 48"W X 18"D X 78"H
	1	1			VV	ERGOMETER, UPPER EXTREMITIES, APPROX. 29"W X 52"L X 52"H
	AR	AR			VV	SPHYGMOMANOMETER, WALL HUNG
	1	1			VV	LIFT, HYDRAULIC, APPROX. 22"W X 36"L X 60"H
	2	2			VV	MACHINE, INFRA-RED, APPROX. 15" W X 30"L X 66"H
	1	1			VV	MACHINE MEDCOSONALATOR, APPROX. 16"W X 24"L X 33"H
	1	1			VV	HYDROCOLLATOR, COLD-PAK TYPE, 15 ½"W X 17 ½"L (INCLUDING HANDLES) X 31"H
	1	1			VV	HYDROCOLLATOR, HOT, 12-PACK, APPROX. 16"W X 48"L X 31"H
P-414	1	1			CC	LAVATORY, STRAIGHT, BACK, WRIST CONTROL, GOOSENECK SPOUT, 20" X 18" AND 3 1/2" APRON (PG-18-1, MCS 15450)
	1	1			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	1	1			VV	DISPENSER, BIFOLD PAPER TOWEL, SURFACE MOUNTED
	1	1			VV	RECEPTACLE, WASTE, STEP ON TYPE, APPROX. 12" DIAMETER
	1	1			VV	CLOCK, BATTERY OPERATED
P-604	1	1			CC	DISPENSER, DRINKING WATER, WHEELCHAIR, MECHANICALLY COOLED, WALL HUNG, SELF-CONTAINED, APPROXIMATELY 18"W X 18"D X 25"H (SEE ARCHITECTURE DRAWING FOR EXACT LOCATION) - PG-18-1, MCS 15450
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	AR	AR			CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)
	AR	AR			CC	FIRE ALARM STATION, AUDIO & VISUAL DEVICE WALL MOUNTED (PG-18-1, MCS 16721)
	AR	AR			CC	CALL NURSES EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
	AR	AR			CC	CEILING AND LIFT TRACK

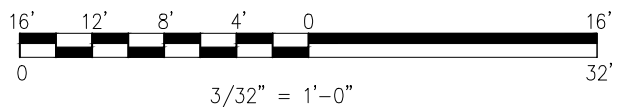
**TABLE 3.29 (CONT'D)
PHYSICAL THERAPY/KINESIOLOGY THERAPY –
30 BEDS (PTES1)**

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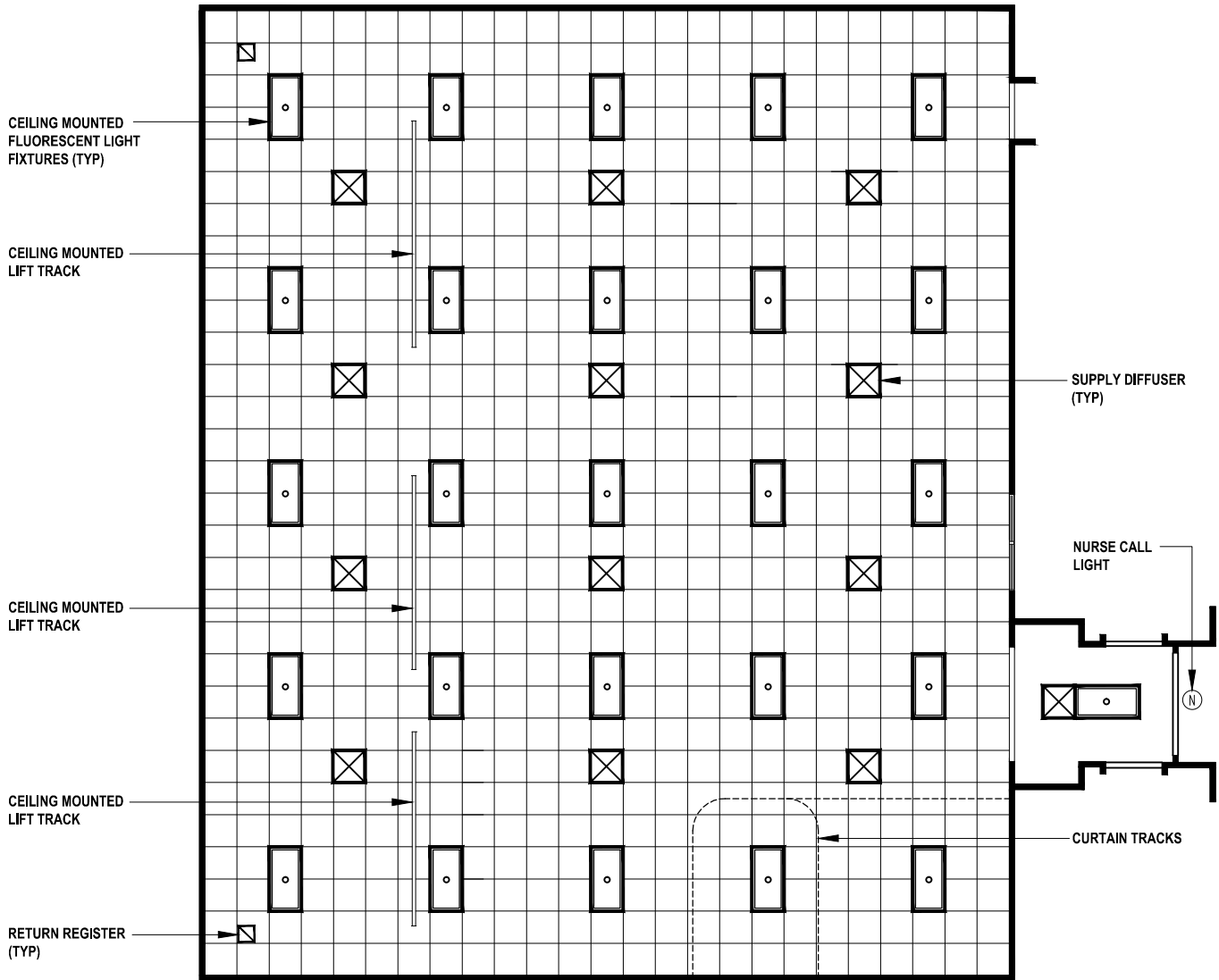
30. Physical Therapy / Kinesiology Therapy-60 Beds (PTES1) Floor Plan



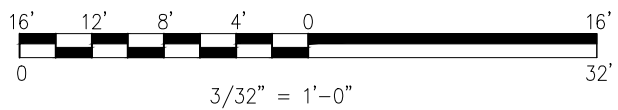
3000 NSF (278.7 NSM)



30. Physical Therapy / Kinesiology Therapy-60 Beds (PTES1) Reflected Ceiling Plan



3000 NSF (278.7 NSM)



30. Physical Therapy/Kinesiology Therapy - 60 Beds (PTES1)

Space Requirement:

60 SCI Beds: 3000 NSF (278.7 NSM)

Architectural:

Floor Finish: Vinyl Composition Tile
Base: Vinyl
Wall Finish: Gypsum Wallboard/Paint
Ceiling: Acoustical Tile
Ceiling Height: 9'-6" (2895 mm)
Noise (STC Rating): 30
Slab Depression: None
Special Construction: Wall-mounted pulleys require a reinforced wall with hardwood veneer plywood surface, see Master specifications #06200.
Hardware: 82
Doors: 2@3'-0" (914 mm) x 7'-0" (2133 mm) wood or metal, upper half=laminated safety glass.
Windows: Desirable, see PG-18-3, Topic 1, Codes and Standards.

HVAC:

Temperature/Humidity:
Summer: 72°F (22°C) @60%RH
Winter: 82°F (28°C) @20%RH
Min. Air Changes/Hour: 6 ACH
Pressure: Neutral (0)
Max Noise Criteria: 40

Electrical:

Lighting Levels:
Gen. Illum: 30fc
Emergency Power:
One Ceiling Light
Nurse Call

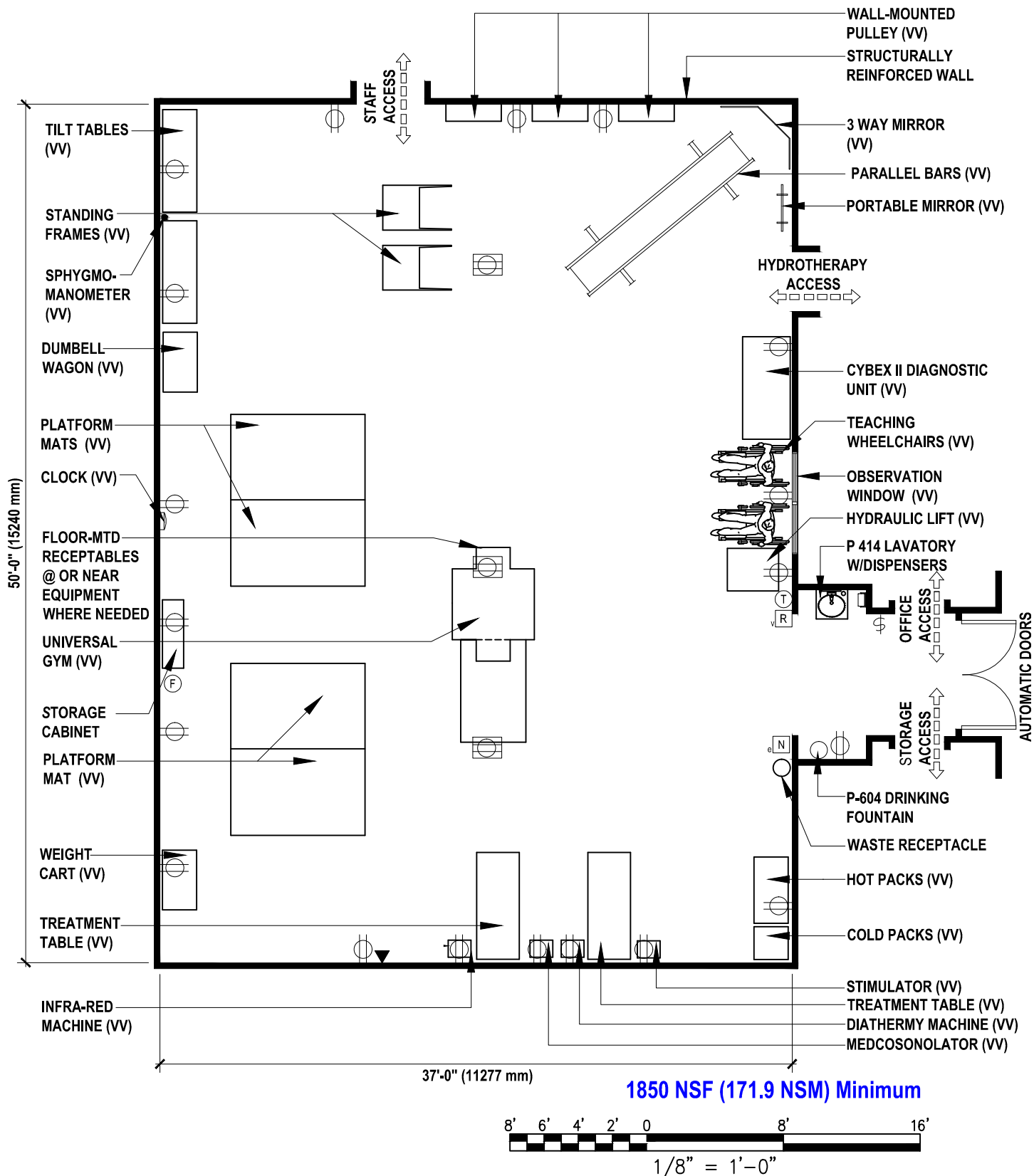
Equipment Table:

See Datasheet #29 for equipment (Column B).

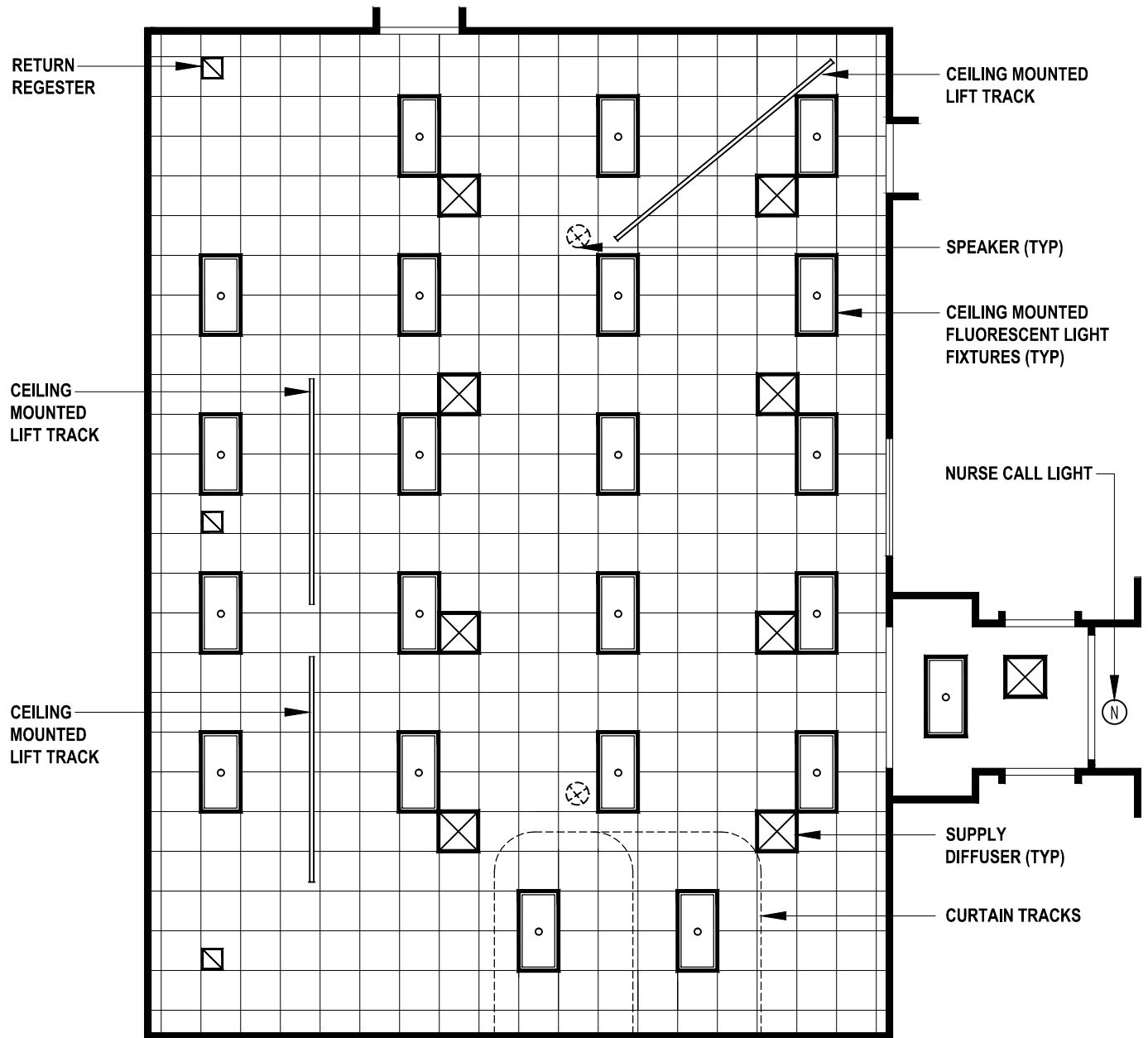
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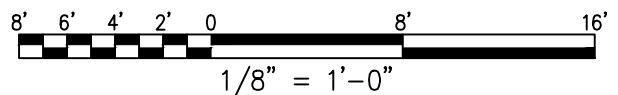
31. Physical Therapy Treatment Clinic (PTES1) Floor Plan



31. Physical Therapy Treatment Clinic (PTES1) Reflected Ceiling Plan



1850 NSF (171.9 NSM) Minimum



31. Physical Therapy Treatment Clinic (PTES1)

Space Requirement:

1850 NSF (171.9 NSM) – Min.

Architectural:

Floor Finish:	Vinyl Composition Tile
Base:	Vinyl
Wall Finish:	Gypsum Wallboard/Paint
Ceiling:	Acoustical Tile
Ceiling Height:	9'-6" (2895 mm)
Noise (STC Rating):	30
Slab Depression:	None
Special Construction:	Wall-mounted pulleys require a reinforced wall with hardwood veneer plywood surface, see Master specifications #06200.
Hardware:	82
Doors:	2@3'-0" (914 mm) x 7'-0" (2133 mm) wood or metal, upper half=laminated safety glass.
Windows:	Desirable, see PG-18-3, Topic 1, Codes and Standards.

HVAC:

Temperature/Humidity:	
Summer:	72°F (22°C) @60%RH
Winter:	82°F (28°C) @20%RH
Min. Air Changes/Hour:	6 ACH
Pressure:	Neutral (0)
Max Noise Criteria:	40

Electrical:

Lighting Levels:	
Gen. Illum:	30fc
Emergency Power:	
One Ceiling Light	
Nurse Call	

31. Physical Therapy Treatment Clinic (PTES1)

Equipment Table:

A - Not Applicable.

B - Not Applicable.

C - Separate Physical Therapy Clinics for Spinal Cord Injury/Disorders Centers of 61-100 Beds.

D - Separate Physical Therapy Clinics for Spinal Cord Injury/Disorders Centers of over 100 Beds.

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
			4	5	VV	PLATFORM, MAT, 72"W X 96"L X 18"H OR 48"W X 84"L X 18"H
			1	1	VV	GYM, UNIVERSAL, APPROX, 84" X 84" X 84" NOTE: THE MEDICAL CENTER MAY SUBSTITUTE A PLATFORM MAT FOR THE UNIVERSAL GYM. THIS ELIMINATES THE NEED FOR A SEPARATE LATISSIMUS BAR AND CEILING MOUNTED PULLEY.
			2	3	VV	TABLE, TREATMENT, HI-LO ELECTRICAL 120 VOLT, 20 AMP, 30"W X 78"L X 32"H
			2	3	VV	FRAMES, STANDING, 32"W X 42"L X 60"H
			1	2	VV	BARS, PARALLEL, APPROX. 26"W X 180"L X 40"H
			2	2	VV	TABLE, TILT, ELECTRICAL, 120 VOLT, 20 AMP, 28"W X 76" L X 32"H
			3	3	VV	PULLEY, WALL, TRIPLEX, APPROX. 38"W X 12"D X 96"H
			2	3	VV	EXERCYCLE, ELECTRIC, 120 VOLT, 20 AMP, APPROX. 24"W X 48"L X 40"H (OPTIONAL)
			2	3	VV	CART, WEIGHT, APPROX. 26W X 36"L X 54"H
			2	3	VV	WAGON, DUMBELLS, APPROX. 25"W X 46"L X 41"H
			2	3	VV	MIRROR, SINGLE, PORTABLE, FULL LENGTH, APPROX. 24"W X 4"D X 72"H
			1	2	VV	MIRROR, POSTURE, 3-WAY, APPROX. 81"W X 12"D X 72"H
			1	1	VV	BATH, PARAFFIN, ARM, HAND AND FOOT, APPROX. 2"W X 25"L X 36"H
			1	1	VV	STAIRS, EXERCISE, APPROX, 39"W X 54"L X 59"H (OPTIONAL)
			4	6	VV	WHEELCHAIRS, TEACHING, APPROX. 26"W X 57"L X 36"H
			2	3	VV	CABINET, STORAGE, METAL, 2 DOORS WITH LOCK, 48"W X 18"D X 78"H
			1	1	VV	CYBEX II MACHINE, APPROX. 120"W X 132"L X 40"H NOTE: THE MEDICAL CENTER MAY SUBSTITUTE THE ABOVE EQUIPMENT FOR SOME OTHER PIECE SUCH AS A PLATFORM MAT

TABLE 3.31
PHYSICAL THERAPY TREATMENT CLINIC (PTES1)

31. Physical Therapy Treatment Clinic (PTES1)

Equipment Table:

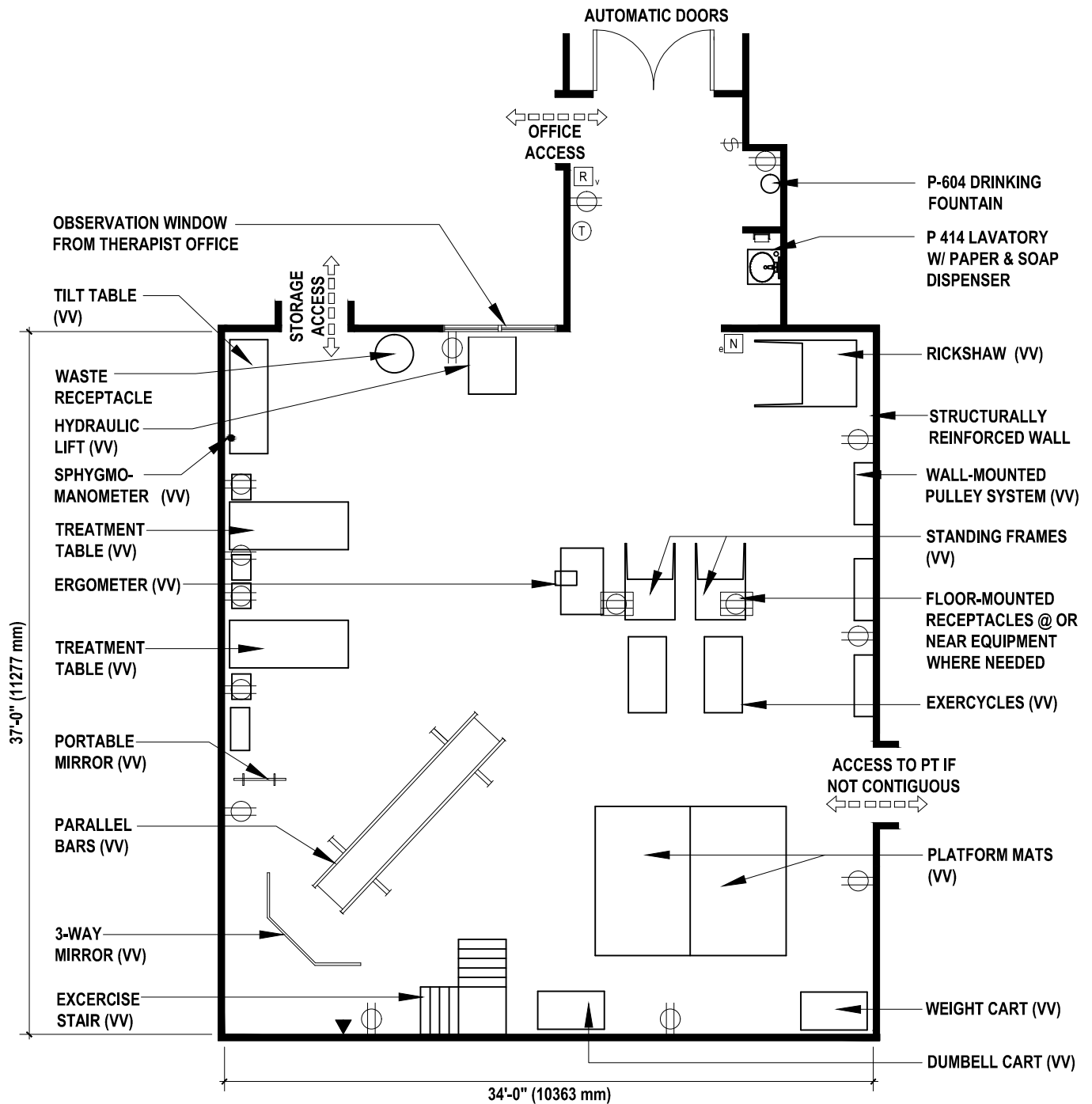
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
			2	2	VV	LIFT, HYDRAULIC, APPROX. 22"W X 36"L X 60"H
			3	4	VV	MACHINE, INFRA-RED, APPROX. 15"W X 30"L X 66"H
			3	4	VV	MACHINE, MEDCOSONALATOR, APPROX. 16"W X 24"L X 33"H
			1	2	VV	HYDROCOLLATOR, COLD-PAK TYPE, 15 1/2"W X 17 1/2"L (INCLUDING HANDLES) X 31"H
			2	3	VV	HYDROCOLLATOR, HOT, 12 PACK, APPROX. 16"W X 48"L X 31"H
			4	6	VV	CHAIR, STRAIGHT, WITH OR WITHOUT ARMS (OPTIONAL)
			3	4	VV	STIMULATOR, ELECTRIC, 120 VOLT, 20 AMP, APPROX. 14"W X 24"L X 41"H
			2	2	VV	DIATHERMY, MICROWAVE, APPROX. 16" X 20"L X 33"H
			1	1	VV	CLOCK, BATTERY OPERATED
P-414			1	1	CC	LAVATORY, STRAIGHT, BACK, WRIST CONTROL, GOOSENECK SPOUT, 20" X 18" AND 3 1/2" APRON (PG-18-1, MCS 15450)
			1	1	VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
			1	1	VV	DISPENSER, BIFOLD PAPER TOWEL, SURFACE MOUNTED
			1	1	VV	RECEPTACLE, WASTE, STEP ON TYPE, APPROX. 12" DIAMETER
P-604			1	1	CC	DISPENSER, DRINKING WATER, WHEELCHAIR, MECHANICALLY COOLED, WALL HUNG, SELF-CONTAINED, APPROXIMATELY 18"W X 18"D X 25"H (SEE ARCHITECTURE DRAWING FOR EXACT LOCATION) (PG-18-1, MCS 15450)
			AR	AR	CC	RECEPTACLE, ELECTRICAL, DUPLEX 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
			AR	AR	CC	LIGHT, FLUORESCENT, GENERAL LIGHTING (PG-18-1, MCS 16510)
			AR	AR	CC	FIRE ALARM STATION, AUDIO & VISUAL DEVICE WALL MOUNTED (PG-18-1, MCS 16721)
			AR	AR	CC	CALL NURSES EMERGENCY STATION WITH CORRIDOR SIGNAL LIGHT CONNECTED TO NEAREST NURSE CONTROL STATION (PG-18-1, MCS 16761)
			AR	AR	CC	CEILING MOUNTED LIFT TRACK
			AR	AR	CC	CURTAIN TRACK

TABLE 3.31 (CONT'D)
PHYSICAL THERAPY TREATMENT CLINIC (PTES1)

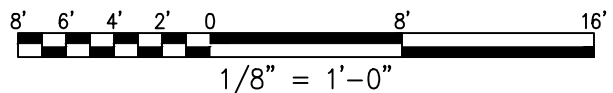
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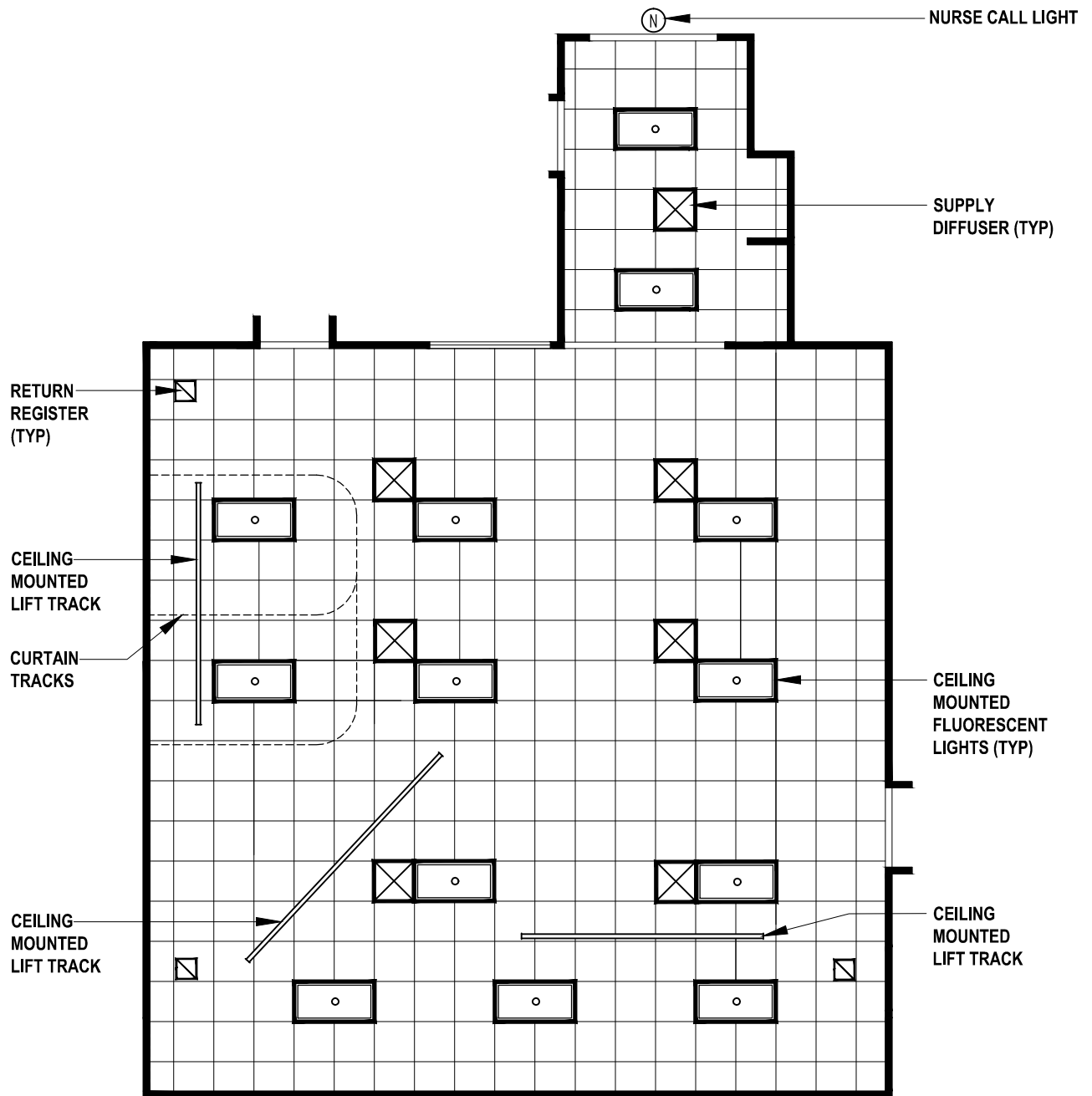
32. Kinesiotherapy Treatment Clinic (PTES1) Floor Plan



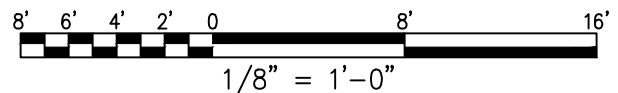
60-100 SCI Beds: 1080 NSF (100.3 NSM)
Over 100 SCI Beds: 1250 NSF (116.9 NSM)



32. Kinesiotherapy Treatment Clinic (PTES1) Reflected Ceiling Plan



60-100 SCI Beds: 1080 NSF (100.3 NSM)
Over 100 SCI Beds: 1250 NSF (116.9 NSM)



32. Kinesiotherapy Treatment Clinic (PTES1)

Space Requirement:

60-100 SCI Beds: 1080 NSF (100.3 NSM)
Over 100 SCI Beds: 1250 NSF (116.9 NSM)

Architectural:

Floor Finish: Vinyl Composition Tile
Base: Vinyl
Wall Finish: Gypsum Wallboard/Paint
Ceiling: Acoustical Tile
Ceiling Height: 9'-6" (2895 mm)
Noise (STC Rating): 30
Slab Depression: None
Special Construction: Wall-mounted pulleys require a reinforced wall with hardwood veneer plywood surface, see Master specifications #06200.
Hardware: 82
Doors: 2@3'-0" (914 mm) x 7'-0" (2133 mm) wood or metal, upper half-laminated safety glass.
Windows: Desirable, see PG-18-3, Topic 1, Codes and Standards.

HVAC:

Temperature/Humidity:
Summer: 72°F (22°C) @60%RH
Winter: 82°F (28°C) @20%RH
Min. Air Changes/Hour: 6 ACH
Pressure: Neutral (0)
Max Noise Criteria: 40

Electrical:

Lighting Levels:
Gen. Illum: 30fc
Emergency Power:
One Ceiling Light
Nurse Call

32. Kinesiotherapy Treatment Clinic (PTES1)

Equipment Table:

A - Not Applicable.

B - Not Applicable

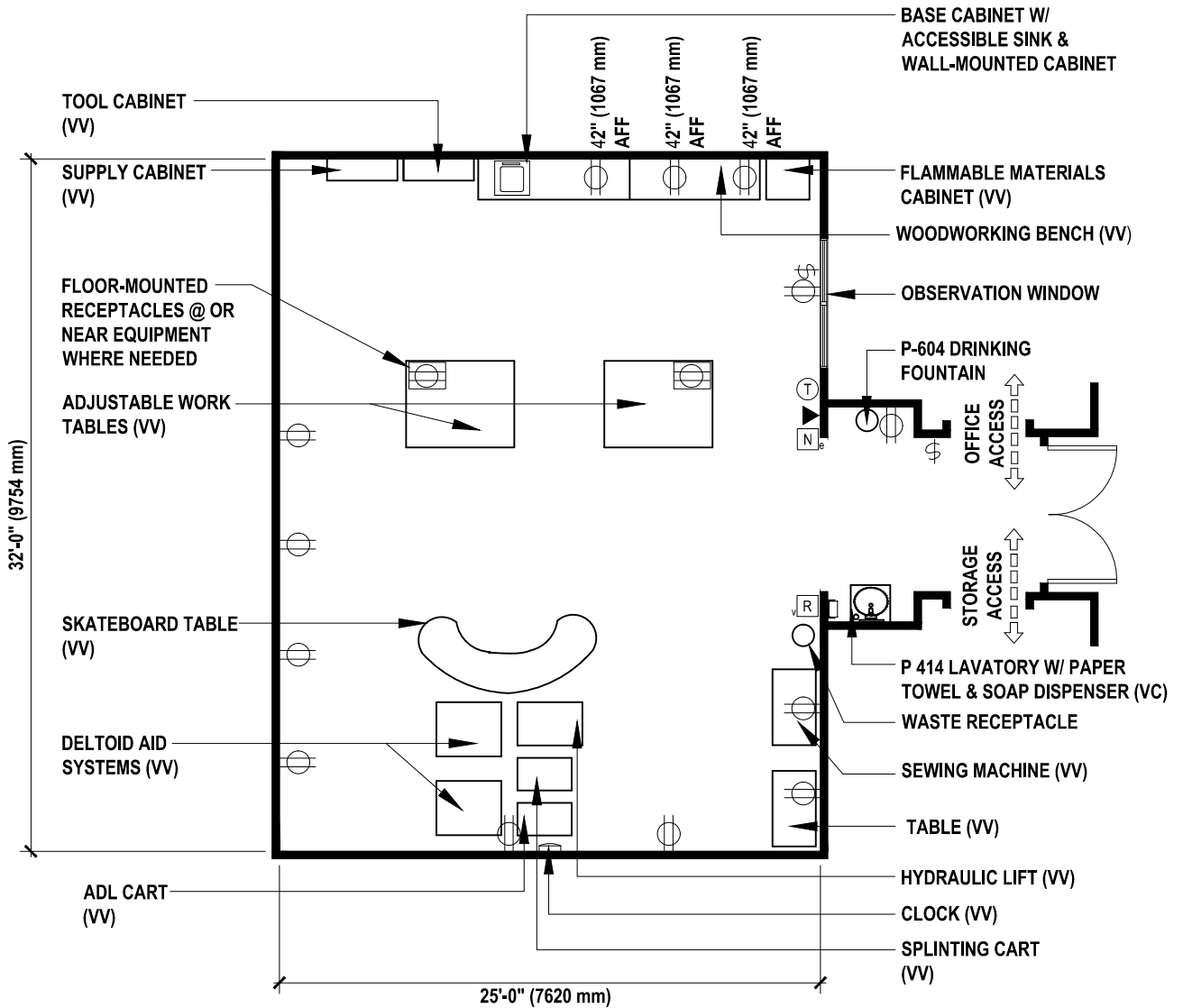
C - Separate Corrective Therapy Clinics for Spinal Cord Injury/Disorders Centers of 61-100 Beds.

D - Separate Corrective Therapy Clinics for Spinal Cord Injury/Disorders Centers of over 100 Beds.

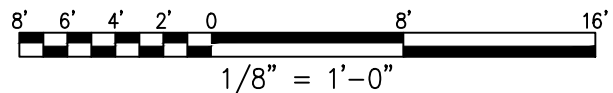
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
			3	4	VV	PLATFORM, MAT, 72"W X 96"L X 18"H OR 48"W X 84"L X 18"H
			2	3	VV	TABLE, TREATMENT, HI-LO ELECTRICAL 120 VOLT, 20 AMP, 30"W X 78"L X 32"H
			2	3	VV	FRAMES, SANDING, 32"W X 42"L X 60"H
P-414			1	1	CC	LAVATORY, STRAIGHT, BACK, WRIST CONTROL, GOOSENECK SPOUT, 20" X 18" AND 3 1/2" APRON (PG-18-1, MCS 15450)
			1	1	VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
			1	1	VV	DISPENSER, BIFOLD PAPER TOWEL, SURFACE MOUNTED
				1	VV	BARS, PARALLEL, APPROX. 26"W X 180"L X 40"H
			1	1	VV	BARS, PAPALLEL, APPROX. 26" X 144"L X 40"H
			2	2	VV	TABLE, TILT, ELECTRICAL, 120 VOLT, 20 AMP, 28"W X 76"L X 32"H
			3	4	VV	PULLEY, WALL, TRIPLEX, APPROX. 36"W X 12"D X 96"H
			2	2	VV	PULLEY, OVERHEAD, CEILING MOUNTED
			2	2	VV	EXERCISER, LATISSIMUS DORSI, WALL MOUNTED (OPTIONAL)
			2	2	VV	RICKSHAW, APPROX. 42"W X 62"L X 30"H
			2	2	VV	EXERCYCLE, ELECTRIC, 120 VOLT, 20 AMP, APPROX. 24"W X 48"L X 40"H
			1	2	VV	BAR, LATISSIMUS, APPROX. 32"W X 50"L X 96"H (OPTIONAL)
			2	2	VV	CART, WEIGHT, APPROX. 26"W X 36"L X 54"H
			2	2	VV	WAGON, DUMBELLS, APPROX. 25"W X 46"L X 41"H
			1	2	VV	MIRROR, POSTURE, 3-WAY, APPROX. 81"W X 12"DX 72"H
			2	3	VV	MIRROR, SINGLE, PORTABLE, FULL LENGTH, APPROX, 24"W X 4"D X 72"H (OPTIONAL)
			1	1	VV	STAIRS, EXERCISE, APPROX. 39"W X 54"L X 59"H
			1	1	VV	GYM, UNIVERSAL, APPROX. 84" X 84" X 84" NOTE: THE MEDICAL CENTER MAY SUBSTITUTE A PLATFORM MAT FOR THE UNIVERSAL GYM. THIS ELIMINATES THE NEED FOR A SEPARATE LATISSIMUS BAR AND CEILING MOUNTED PULLEY.
			2	3	VV	CABINET, STORAGE, METAL, 2 DOORS WITH LOCK, 48"W X 18"D X 78"H (OPTIONAL)
			1	1	VV	CYBEX II MACHINE, APPROX. 120"W X 132"L X 40"H (OPTIONAL)
			1	1	VV	ERGOMETER, UPPER EXTREMITIES, APPROX. 29"W X 52"L X 52"H
			2	2	VV	LIFT, HYDRAULIC, APPROX. 22"W X 36"L X 60"H
			4	6	VV	CHAIR, STRAIGHT, WITH OR WITHOUT ARMSM (OPTIONAL)
			1	1	VV	CLOCK, BATTERY OPERATED
P-604			1	1	CC	DISPENSER, DRINKING WATER, WHEELCHAIR, MECHANICALLY COOLED, WALL HUNG, SELF-CONTAINED, APPROXIMATELY 18"W X 18"D X 25"H (SEE ARCHITECTURE DRAWING FOR EXACT LOCATION) (PG-18-1, MCS 15450)
			AR	AR	CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
			AR	AR	CC	CEILING MOUNTED LIFT TRACK
			AR	AR	CC	CURTAIN TRACK
			AR	AR	CC	SPYGMOMANOMETER

TABLE 3.32
KINESIOTHERAPY TREATMENT CLINIC (PTES1)

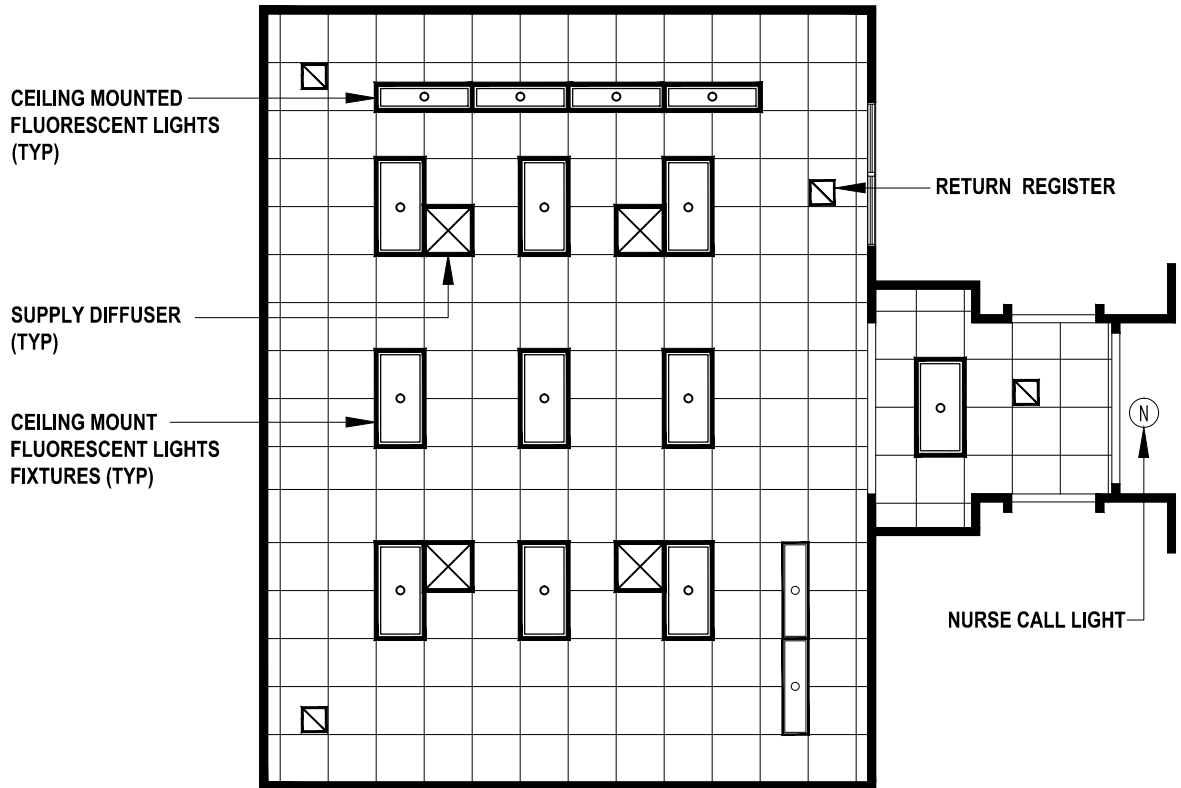
33. Occupational Therapy (OTEV1) Floor Plan



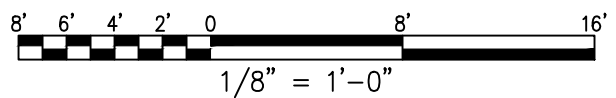
800 NSF (74.3 NSM)



33. Occupational Therapy (OTEV1) Reflected Ceiling Plan



800 NSF (74.3 NSM)



33. Occupational Therapy (OTEV1)

Space Requirement:

800 NSF (74.3 NSM) - Min.

Architectural:

Floor Finish: Vinyl Composition Tile
Base: Vinyl
Wall Finish: Gypsum Wallboard/Paint
Ceiling: Acoustical Tile
Ceiling Height: 9'-0" (2743 mm)
Noise (STC Rating): 30
Slab Depression: None
Special Construction: -
Hardware: 82
Doors: 2 @ 3'-0" (914 mm) x 7'-0" (2133 mm) wood or metal, upper half-laminated safety glass.
Windows: Desirable, see PG-18-3, Topic 1, Codes and Standards.

HVAC:

Temperature/Humidity:
Summer: 72°F (22°C) @60%RH
Winter: 82°F (28°C) @20%RH
Min. Air Changes/Hour: 6 ACH
Pressure: Neutral (0)
Noise Criteria: 40

Electrical:

Lighting Levels:
Gen. Illum: 30fc
Emergency Power:
One Ceiling Light
Nurse Call

33. Occupational Therapy (OTEV1)

Equipment Table:

- A - Occupational Clinics located in SCI Centers of 0-30 Beds.
- B - Occupational Clinics located in SCI Centers of 31-60 Beds.
- C - Occupational Clinics located in SCI Centers of 61-100 Beds.
- D - Occupational Clinics located in SCI Centers of over 100 Beds.

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	2	3	3	4	VV	TABLE, WORK ADJUSTABLE, APPROX. 48"W X 60"L X 36"H
	1	2	2	3	VV	TABLE, PC, APPROX. 18"W X 45"L X 36"H
	1	2	2	3	VV	TABLE, SKATE BOARD, APPROX. 48"W X 60"L X 36"H
	1	1	2	3	VV	TABLE, POWDER BOARD, APPROX. 42"W X 30"L X 7"H
	1	1	2	2	VV	TABLE, OVER-BED, ADJUSTABLE HEIGHT, ON CASTERS, APPROX. 20"W X 36"L
	1	1	2	2	VV	BENCH, WOODWORKING, APPROX. 28"W X 60"L X 38"H
	1	1	1	2	VV	MACHINE SEWING, APPROX. 22"W X 48"L X 31"H
	2	2	3	4	VV	DELTOID AID SYSTEM, APPROX. 28"W X 37"L X 78"H
	1	1	1	2	VV	CABINET, FLAMMABLE LIQUID STORAGE (PAINT, ETC.). FLAMMABLE LIQUIDS TO BE AS DEFINED IN CHAPTER 1 OF FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE, NFPA NO. 30. CABINET SHALL CONFORM TO REQUIREMENTS OF PARAGRAPHS 4220 AND 4221 OF CHAPTER IV. OF ABOVE CODE. CABINET OF 45 GALLON CAPACITY, 43" X 18"D X 65"H
T-13	1	2	2	3	CC	CABINET, STORAGE, WITH SLOPING TOP, 2 HINGED PANEL DOORS, LOCK, AND 5 ADJUSTABLE SHELVES, 48"W X 18"D X 84"H (PG-18-1, MCS 12301)
T-8A	1	2	2	3	CC	CABINET, TOOL STORAGE, 2 DOOR, 3 SHADOW BOARDS, FOUR DRAWERS, ALL WITH LOCKS, 48"W X 16"D X 80"H (PG-18-1, MCS 12301)
	1	1	1	1	VV	CART, SPLINTING, APPROX 18"W X 27"L X 39"H
	1	1	1	2	VV	CART, FOR ACTIVITIES OF DAILY LIVING EQUIPMENT, APPROX. 20"W X 26"L X 44"H
	1	1	2	3	VV	FRAMES, STANDING, 32"W X 42"L X 60"H
	6	12	20	32	VV	CHAIR, STRAIGHT, WITH OR WITHOUT ARMS (OPTIONAL)
	1	1	2	2	VV	UNIT, COUNTER-BALANCE, APPROX. 42"W X 36"L X 60"H (OPTIONAL)
	1	1	2	2	VV	LIFT, HYDRAULIC, APPROX. 22"W X 36"L X 60"H

**TABLE 3.33
OCCUPATIONAL THERAPY (OTEV1)**

33. Occupational Therapy (OTEV1)

Equipment Table:

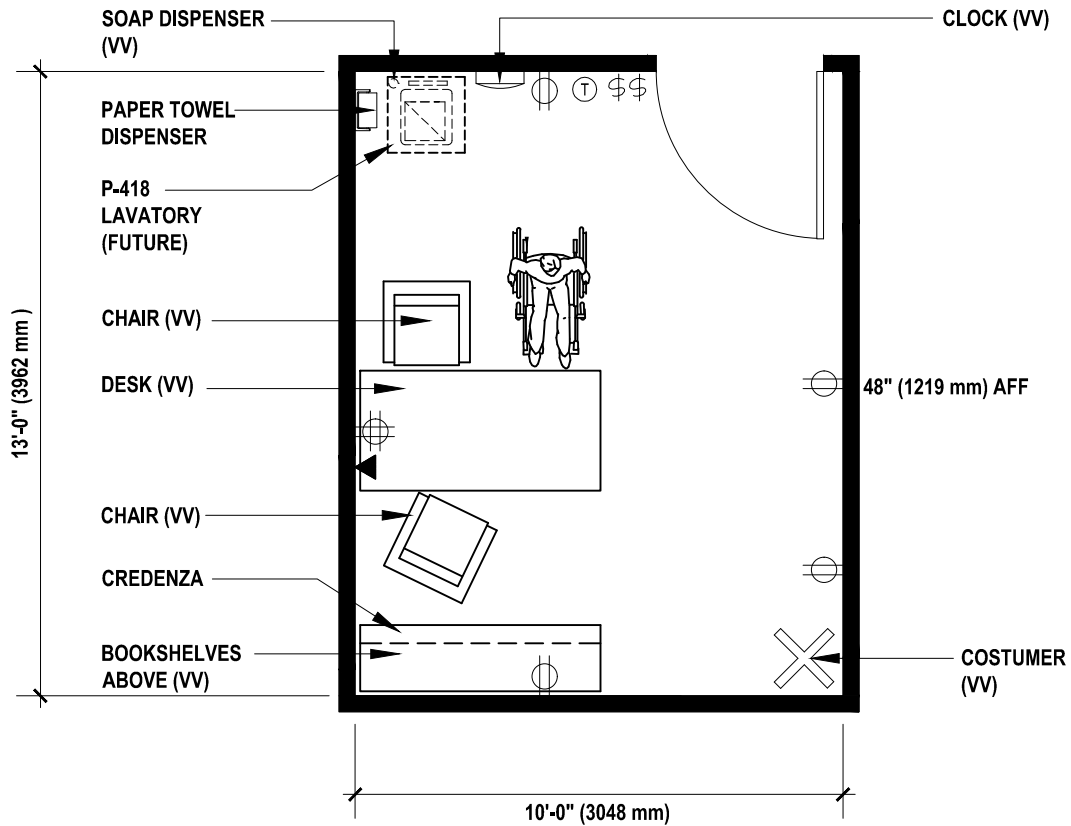
SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
T-1B	1	1	1	1	CC	CABINET, ASSEMBLY, WITH 2 UNDERCOUNTER UNITS TO HAVE 1 DRAWER, 1 HINGED DOOR AND 1 ADJUSTABLE SHELF, SINK CABINET TO HAVE 2 HINGED DOORS, TOTAL SIZE 84"W X 22"D X 36"H. WALL CABINETS TO BE WITH SLOPING TOP, 2 GLAZED SLIDING DOORS AND 2 ADJUSTABLE SHELVES, COUNTER TOP OF CORROSION RESISTING STEEL WITH INTEGRAL SPLASHBACKS AND SINK, 18" X 20" X 7 1/2" DEEP. WITH PLASTER TRAP. REMOVABLE STRAINER AND SWING SPOUT FAUCET (PG-18-1, MCS 12301)
	1	2	2	3	VV	MIRROR, SINGLE, WALL MOUNTED, FULL LENGTH, APPROX. 24"W X 4"D X 72"H (OPTIONAL)
	1	1	1	1	VV	CART, WEIGHT, APPROX. 26"W X 36"L X 54"H
	1	1	1	1	VV	KILN, TABLE MODEL, 120 VOLT, 20 AMP, SINGLE PHASE, APPROX. 18" W 22"L X 20" H (OPTIONAL)
	1	1	1	1	VV	SAW, BAND, FLOOR TYPE, APPROX. 18"W X 25"L X 66"H (OPTIONAL)
	1	1	1	2	VV	PRESS, DRILL, 208 VOLT, 3 PHASE MOTOR, APPROX. 25"W X 25"L X 66"H (OPTIONAL)
	1	1	1	1	VV	SANDER, BELT, FLOOR, TYPE, APPROX. 19"W X 26"L X 57"H
	1	2	3	4	VV	WHEELCHAIRS, TEACHING, APPROX. 26"W X 57"L X 36" H (OPTIONAL)
P-414	1	1	1	1	CC	LAVATORY, STRAIGHT, BACK, WRIST CONTROL, GOOSENECK SPOUT, 20" X 18" AND 3 1/2 " APRON (PG-18-1, MCS 15450)
	1	1	1	1	VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	1	1	1	1	VV	DISPENSER, BIFOLD PAPER TOWEL, SURFACE MOUNTED
	1	1	1	1	VV	RECEPTACLE, WASTE, STEP ON TYPE, APPROX. 12" DIAMETER
P-604	1	1	1	1	CC	DISPENSER, DRINKING WATER, WHEELCHAIR, MECHANICALLY COOLED, WALL HUNG, SELF-CONTAINED, APPROXIMATELY 18"W X 18"D X 25"H (SEE ARCHITECTURE DRAWING FOR EXACT LOCATION) (PG-18-1, MCS 15450)
	1	1	1	1	VV	CLOCK, BATTERY OPERATED
	AR	AR	AR	AR	CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	AR	AR	AR	AR	CC	OBSERVATION WINDOW

**TABLE 3.33 (CONT'D)
OCCUPATIONAL THERAPY (OTEV1)**

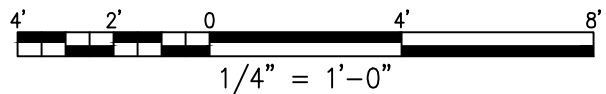
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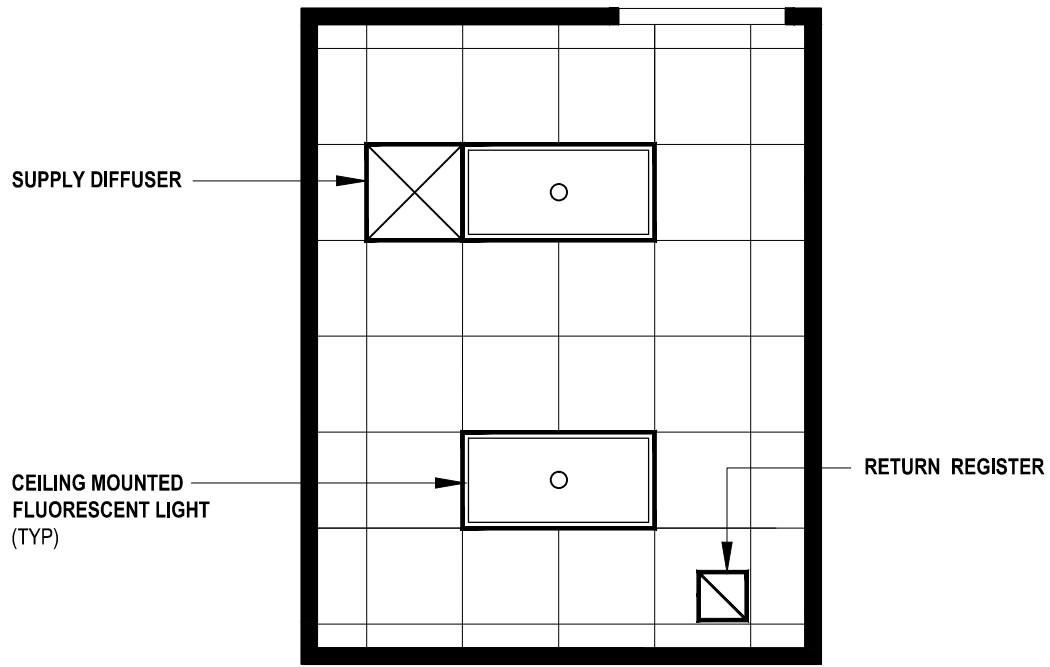
34. Urologist Office (OFD01) Floor Plan



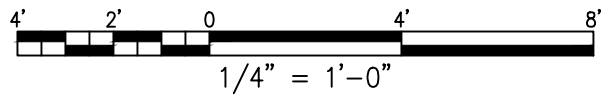
130 NSF (12.1 NSM)



34. Urologist Office (OFD01) Reflected Ceiling Plan



130 NSF (12.1 NSM)



34. Urologist Office (OFD01)

Space Requirement:

130 NSF (12.1 NSM)

Architectural:

Floor Finish: Carpet
Base: Vinyl
Wall Finish: Gypsum Wallboard/Paint
Ceiling: Acoustical Tile
Ceiling Height: 9'-0" (2743 mm)
Noise (STC Rating): 40
Slab Depression: None
Special Construction: -
Hardware: 23
Doors: 3'-0" (914 mm) x 7'-0" (2133 mm) wood or metal
Windows: Desirable, see PG-18-3, Topic 1, Codes and Standards.

HVAC:

Temperature/Humidity:
 Summer: 72°F (22°C) @60%RH
 Winter: 82°F (28°C) @20%RH
Min. Air Changes/Hour: 4 ACH
Pressure: Neutral (0)
Max Noise Criteria: 40

Electrical:

Lighting Levels:
 Gen. Illum: 70fc
Emergency Power:

34. Urologist Office (OFD01)

Equipment Table:

SYMBOL	QUANTITY				AI	DESCRIPTION
	A	B	C	D		
	1	1			VV	DESK, DOUBLE PEDESTAL APPROX 60" W x 30" D X 29 ½" H
	1	1			VV	CHAIR, ROTARY
	1	1			VV	CHAIR, STRAIGHT
	3	3			VV	BOOKCASE, SECTIONAL (EACH SECTION 33" W X 13" D X 15" H) WITH 10" H BASE
	1	1			VV	COSTUMER APPROX 12" X 12"
	4	4			VV	ILLUMINATOR X-RAY FILM WALL MOUNTED, 120 VOLTS, 150 WATTS, INDIVIDUAL SWITCH FOR TWO 14" X 17" RADIOGRAPHS, 31" W X 20" H
	1	1			CC	RECEPTACLE, ELECTRICAL, DUPLEX, ON WALL, 120 VOLT, 20 AMP, 48" ABOVE FINISHED FLOOR ABOVE EQUIPMENT (PG-18-1, MCS 16140)
	AR	AR			CC	RECEPTACLE, ELECTRICAL, DUPLEX, 120 VOLT, 20 AMP (PG-18-1, MCS 16140)
	1	1			VV	CLOCK, BATTERY OPERATED
P-418	1	1			CC	LAVATORY, STRAIGHT, BACK, ELECTRONIC, TEMPERED FAUCET, 20" X 18" AND 3 ½ " APRON (PG-18-1, MCS 15450)
	1	1			CC	DISPENSER PAPER TOWEL AND DISPOSAL COMBINATION UNTIS (PG-18-1 MCS 10800)
	1	1			VV	DISPENSER, SOAP, LIQUID, WALL MOUNTED
	AR	AR			CC	CREDENZA

TABLE 3.34
UROLOGIST OFFICE (OFD01)

3.4 Outdoor Rehabilitation Guideplates

1. Users.....	3 - 165
2. Sports Facilities.....	3 - 167
3. Family Encounter Areas.....	3 - 169
4. Passive Recreation.....	3 - 173
5. Thermo Regulation.....	3 - 175
6. Equilibrium.....	3 - 177
7. Wheeling Surfaces.....	3 - 178

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1. Users

Users:

Patients are the primary user at the nursing unit. Patients are classified as:

1. Intensive Rehab - recently injured and hospitalized from time of injury to one year with intensive rehabilitation.
2. Sustaining - have older injuries and hospitalized for medical reasons or additional rehabilitation.
3. Long-Term - unable to leave hospital in spite of rehabilitation efforts, usually an elderly population.

Functions:

I. REHABILITATION

A. Education - Physical and psychological adjustment to wheelchair confinement.

1. Wheeling on a variety of surfaces.
2. Maneuvering over curbs, up steps, on moving surfaces, on ramps and in other potential circumstances.

B. Therapy

1. Exercise stations to develop physical capabilities needed in wheelchair use.
2. Sports facilities to develop physical activity as well aiding psychological adjustment.
3. Outdoor environment to aid in the initial adjustment to new physical circumstances and as a relief from indoor confinement. (Important to patients initially confined to gurneys.)

II. RECREATION

A. Active – Primarily for patient use; participation by staff and visitors possible.

1. Court Games
2. Other physical facilities adding variety to hospitalization routine.



Functions (cont'd.):**B. Passive – Patients, staff and visitors.**

1. Visitor Areas – Due to the nature of hospitalization and potential length of stay, a separate, private area for visiting would contribute to the overall rehabilitation process.
 - a. A private, pleasant area providing picnic tables with a variety of seating combinations, barbecue facilities and nearby sources of drinking water.
 - b. A child's play area to occupy visiting children's restless moments and excess energies.
 - c. Games facilities
2. Random seating areas – located at various activity centers for observing activity, visiting or outdoor relaxation.
3. Extrinsic site amenities, such as landscaping, fountains and pools, contributing to the pleasure of the space.
4. Note: *Drawings shown in this section are not to scale.*

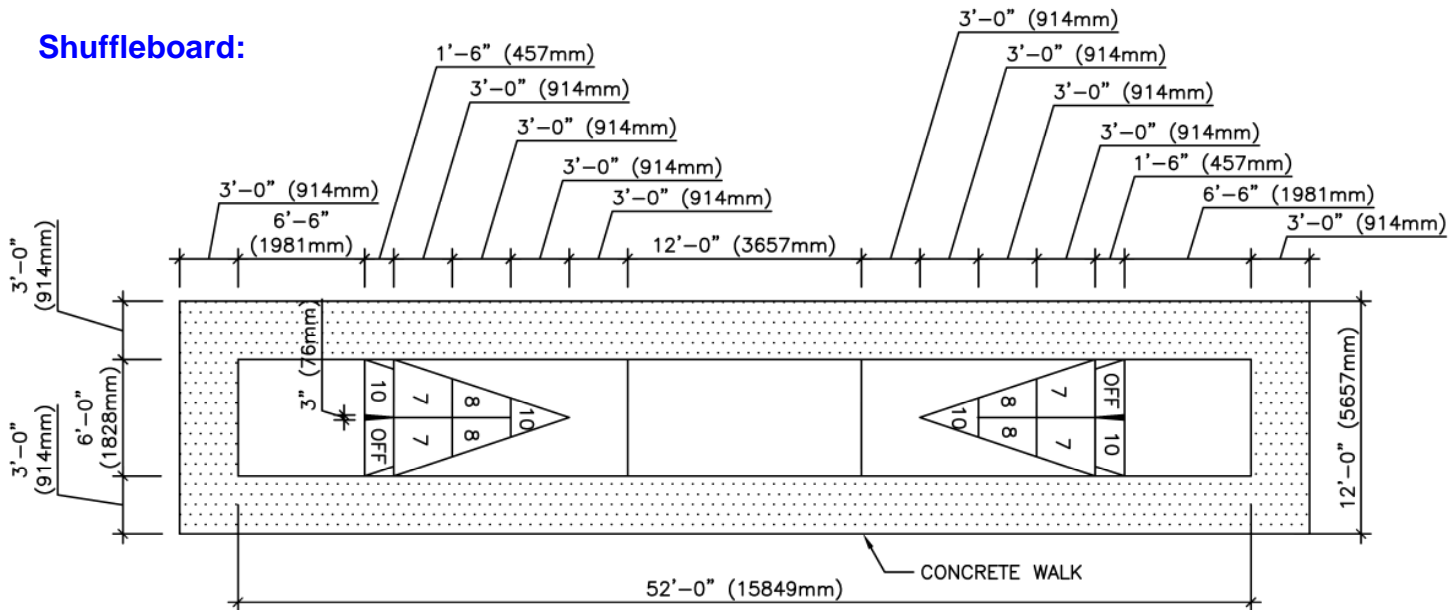
2. Sports Facilities

Function:

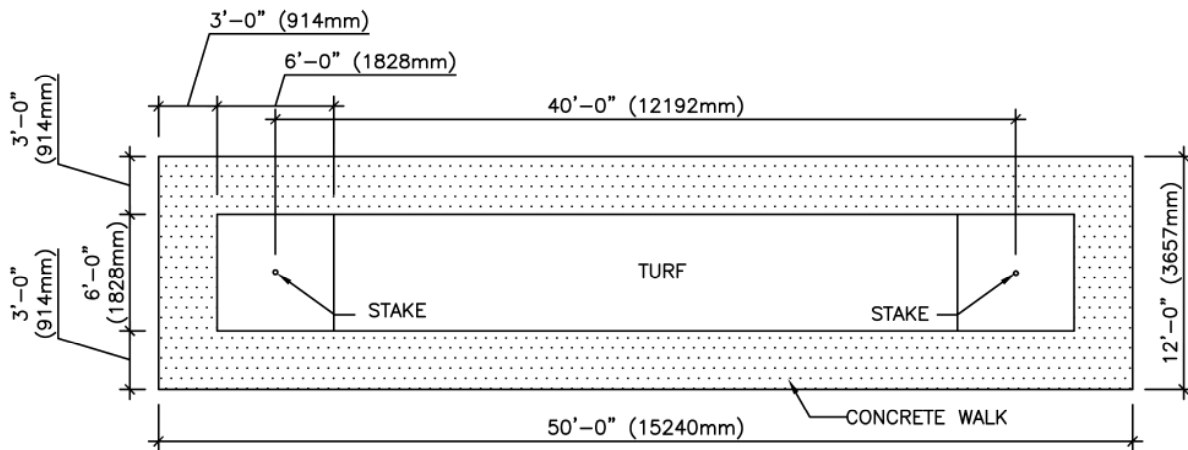
The use of the following sport facilities strengthens larger upper muscles:

1. Shuffleboard
2. Horseshoes
3. Basketball

Shuffleboard:

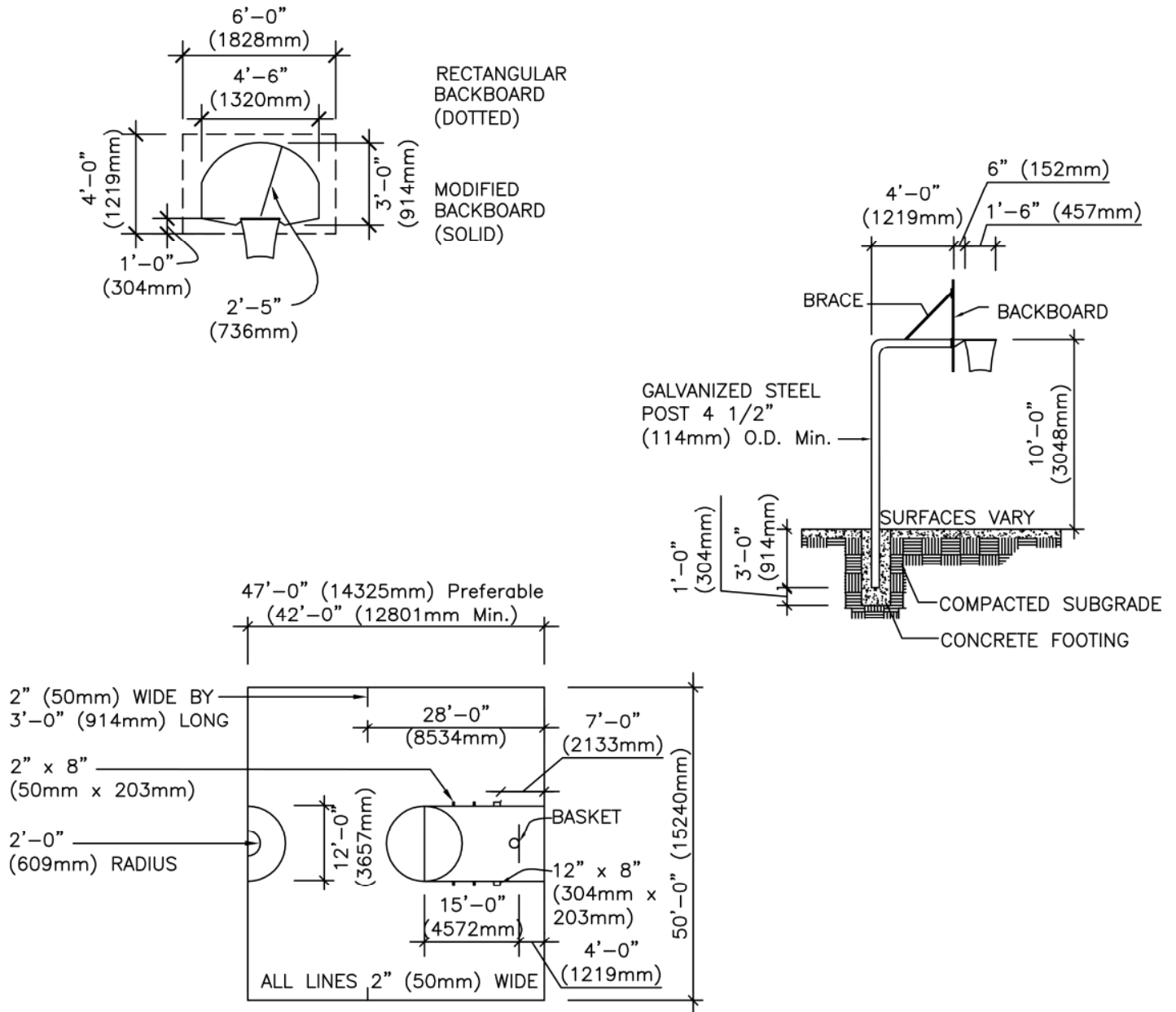


Horseshoes:



Sports Facilities (cont'd.):

Basketball:



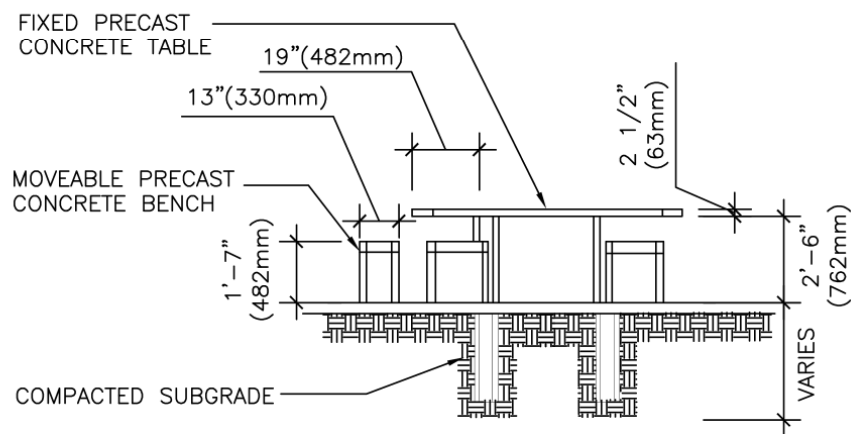
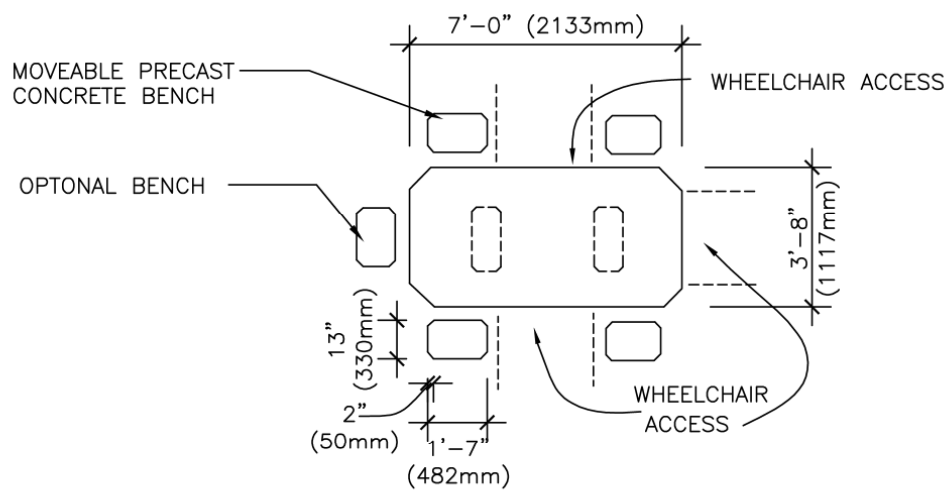
3. Family Encounter Areas

Function:

The uses of the following quiet, passive areas encourage family encounter activities:

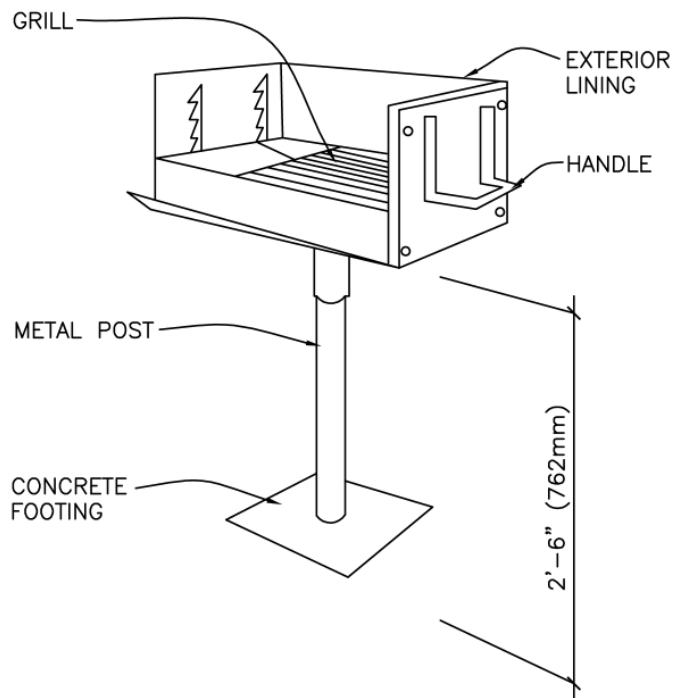
1. Picnic/Grill Areas
2. Seating Area/Benches for Patients
3. Childs Play Area (no guide plate)

Picnic Table:



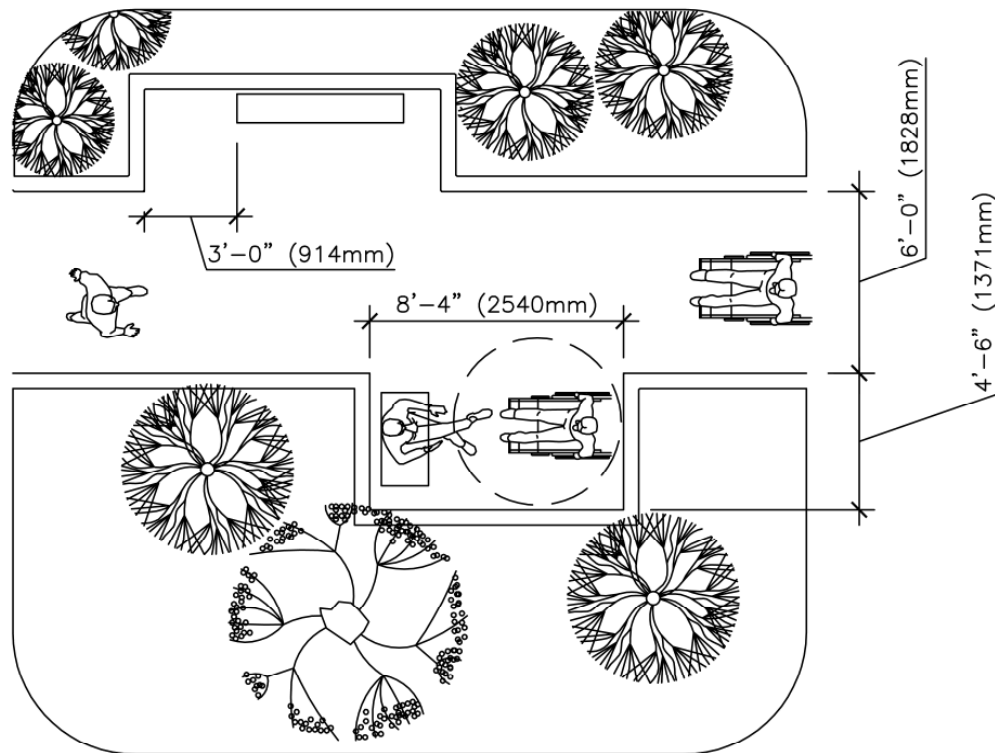
Family Encounter Areas (cont'd.):

Outdoor Barbeque/Grill:



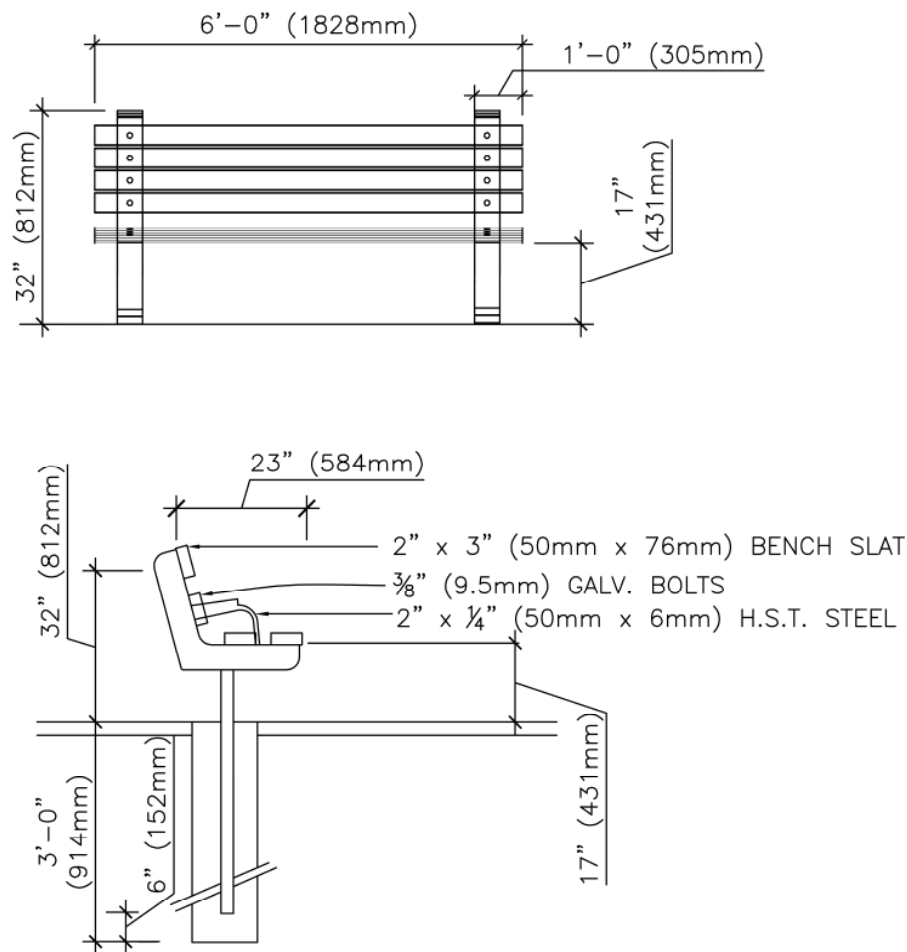
Family Encounter Areas (cont'd.):

Seating Area:



Family Encounter Areas

Seating/Benches for Patients:



Note:

In most cases the semi-ambulant, rather than the wheelchair user, will use seats and benches. Most chair users have difficulty transferring from the chair to a bench. A bench with a back rest and arm supports will give added body support to individuals affected by muscle weakness or spasms. Able bodied individuals also seem to prefer a bench with a back support. Because of the difficulty the leg amputee or brace wearer has in rising from a seat to a standing position, extremely low benches should be avoided. Arm supports will help such an individual in rising as well as in being seated, although an obstacle when transferring from a wheelchair.

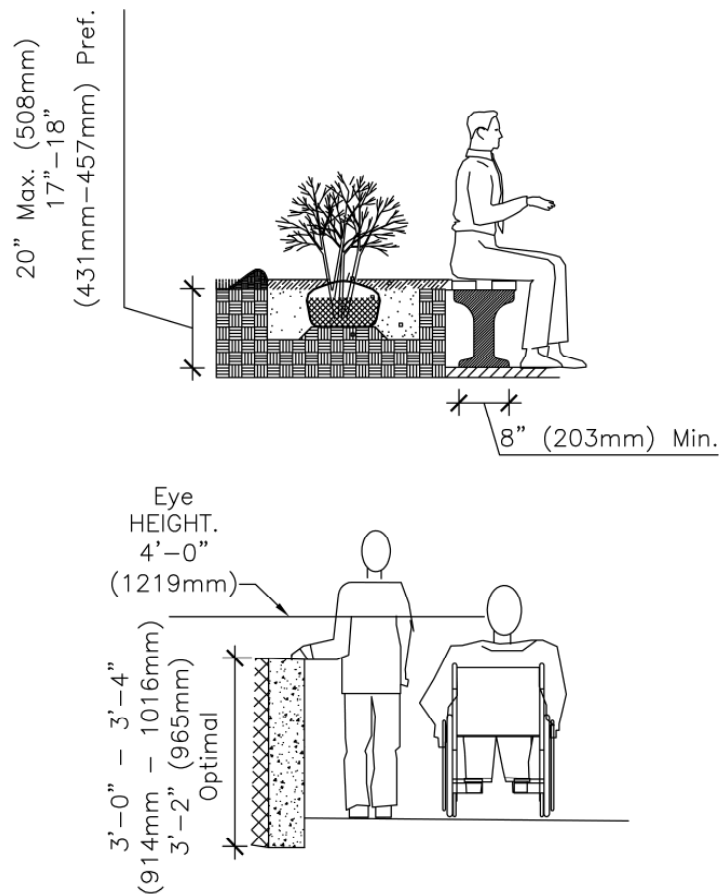
4. Passive Recreation

Function:

The use of the following facilities enhance manual and small muscles dexterity:

1. Seating Planters
2. Game Tables
3. Golf Putt (no Guideplate provided)
4. Greenhouse (no Guideplate provided)
5. Ham/CB Radio Shack (no Guideplate provided)

Seating Planters:

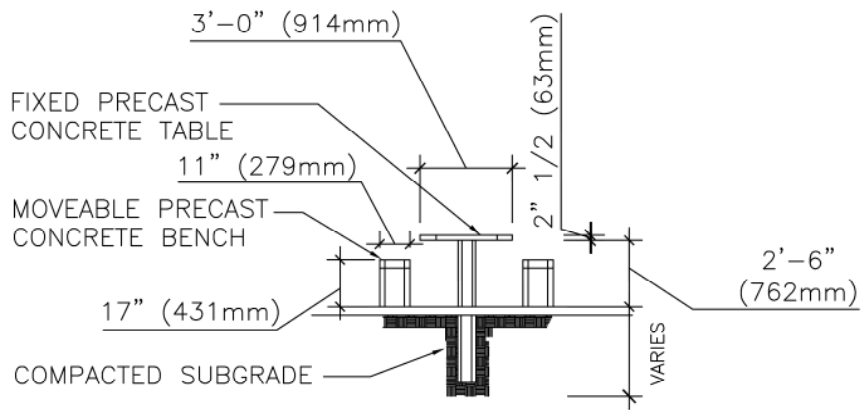
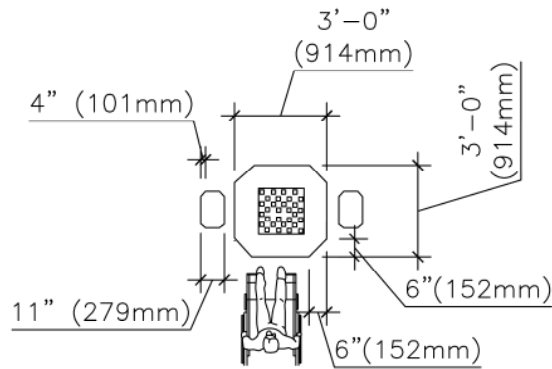


Note:

Retaining walls and raised planter boxes can also double as seating areas or support devices, provided they are designed at the right height and width. Free standing walls and fences, usually 5 (1524 mm) or 6 (1828 mm) feet high can also be grasped for support if needed. Walls which are constructed of concrete or masonry can serve as directional guides for the blind by sound reverberation.

Passive Recreation (cont'd.):

Game Table:



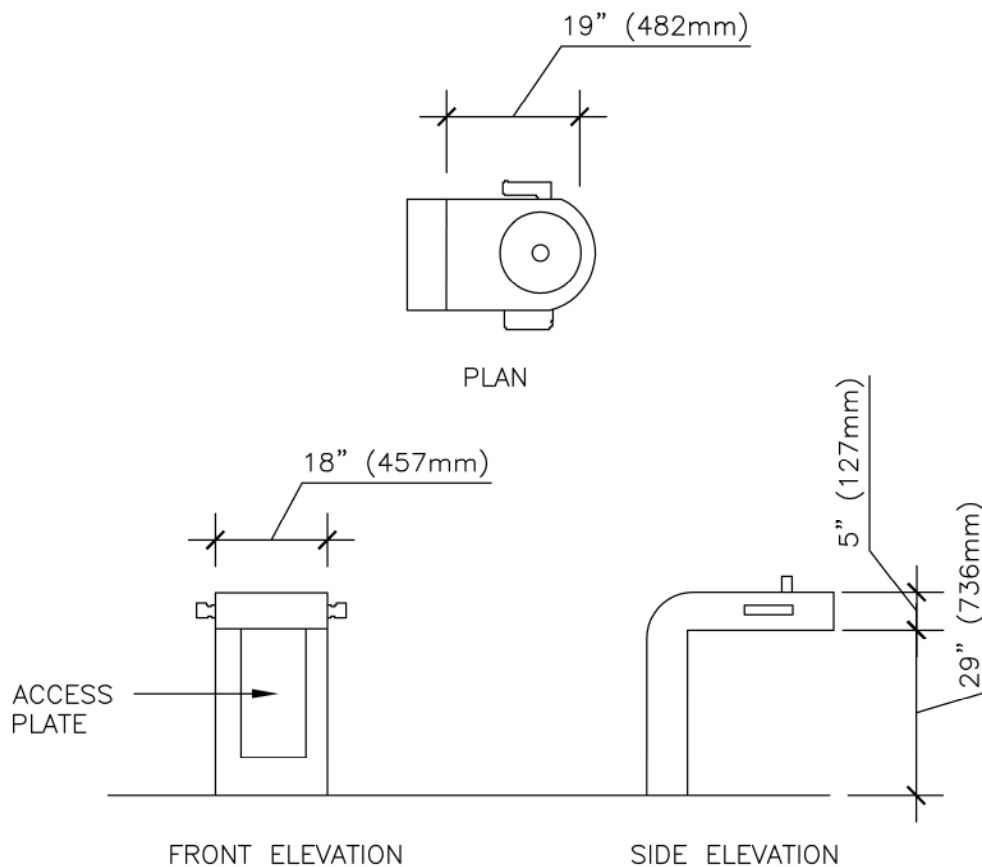
5. Thermo Regulation

Function:

SCI patients, especially quadriplegics, who have difficulty maintaining body temperature control, require the following elements to cool their bodies:

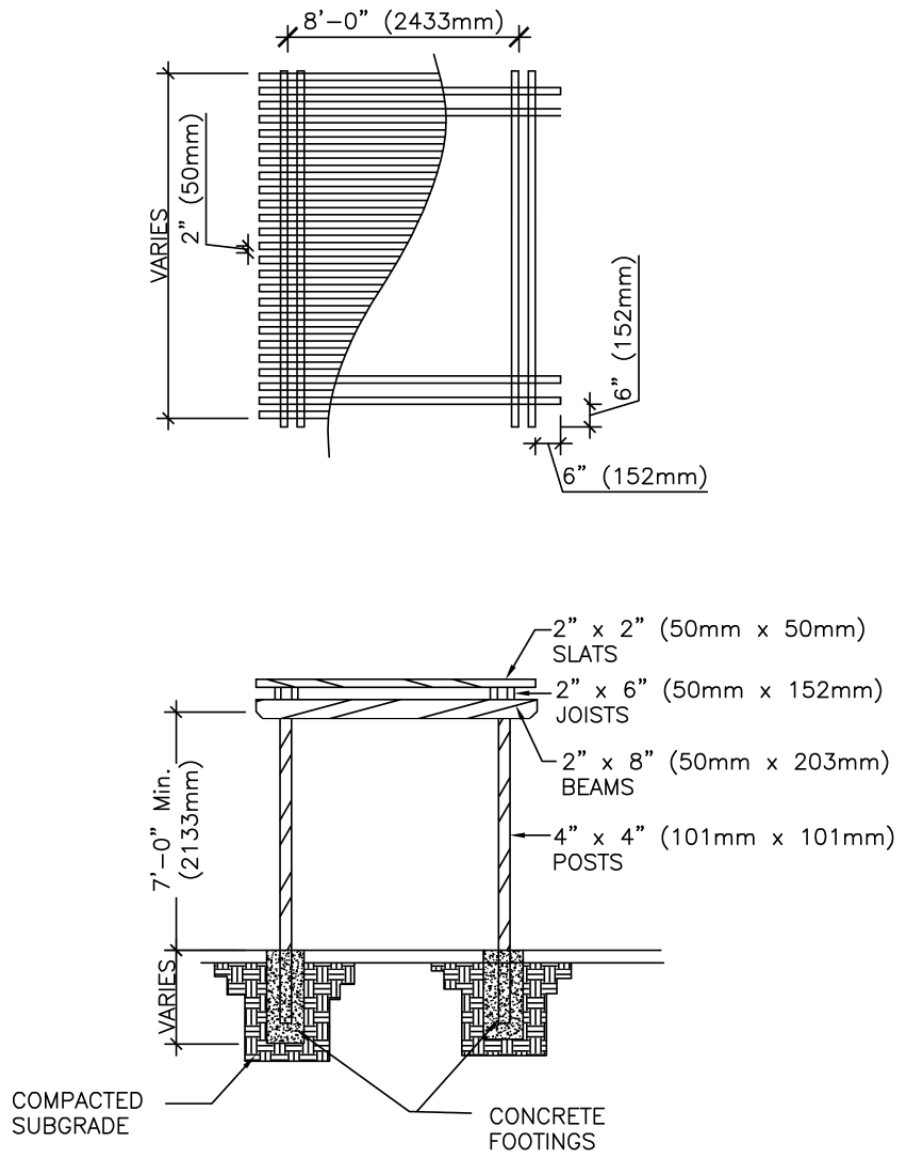
1. Drinking Fountain
2. Trellis/Shade Area

Drinking Fountain:



Thermo Regulation (cont'd.):

Trellis/Shade Area:



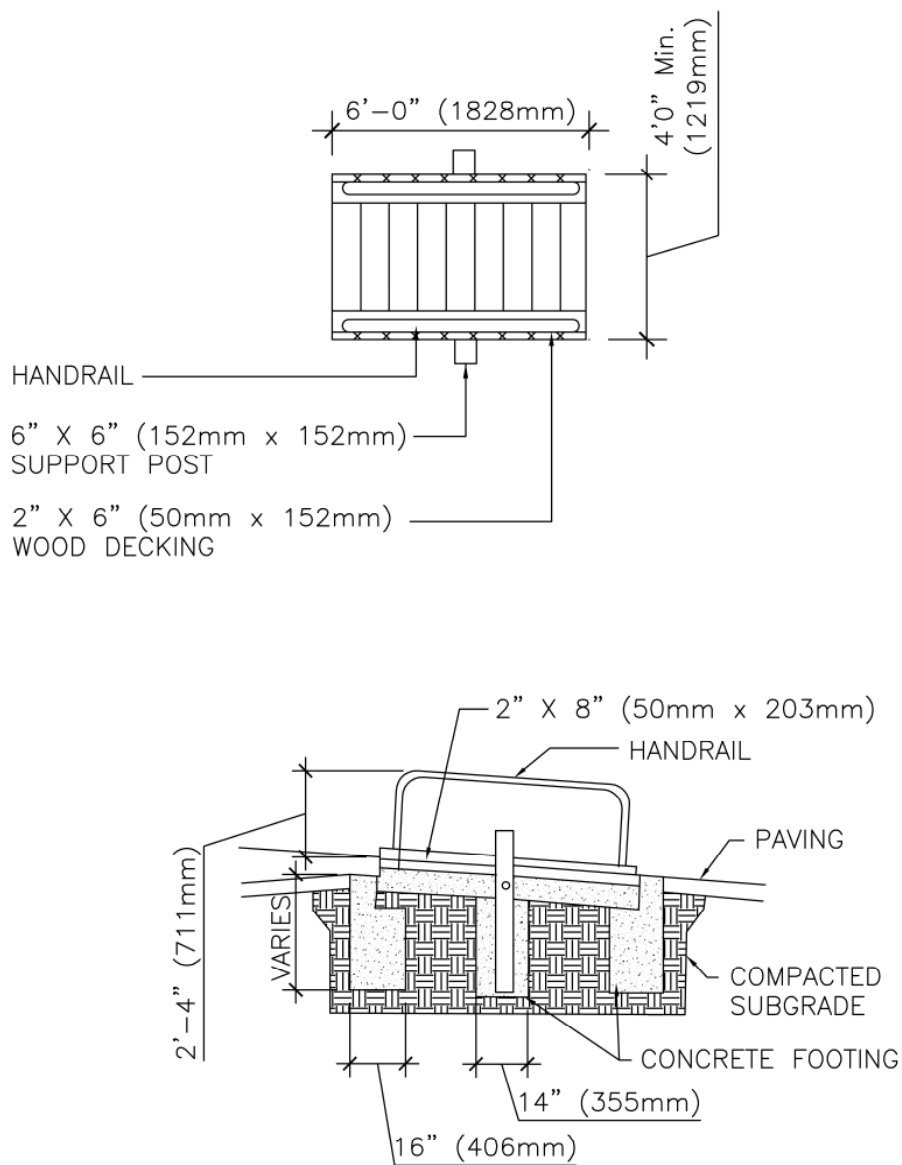
*All wood is pressure treated lumber.

6. Equilibrium

Function:

This activity promotes balance and a sense of equilibrium. A patient rolls onto the bridge balancing as long as possible in the center.

Rocking Bridge:



*All wood is pressure treated lumber.

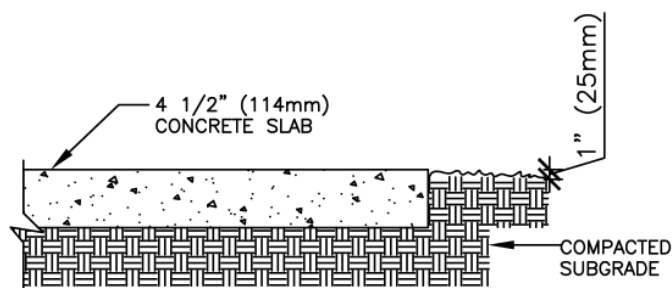
7. Wheeling Surfaces

Function:

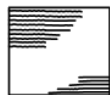
The following elements will educate the patient for wheeling on a variety of surfaces and in other difficult areas. The arrangement of the wheeling surfaces can vary depending on the objectives each SCI Clinic and the amount of outdoor space available.

1. The minimum dimensions of 4 feet by 10 feet are required for the following surfaces:
 - a. Concrete/Exposed Aggregate
 - b. Asphalt/Sloped Asphalt (Standing Water Option)
 - c. Brick Pavers
 - d. Concrete Pavers
 - e. Flagstone
 - f. Wood Planks
 - g. Sand
 - h. Gravel
 - i. Barkmulch
 - j. Natural Turf
 - k. Artificial Turf/Synthetic Turf
2. Curb/Curb Ramp/Sidewalk
3. Steps
4. Ramp (1:12 Slope)
5. Exercise Stations

Concrete/Exposed Aggregate



Concrete/Exposed Aggregate



Broom Finish

Use stiff bristle for coarse texture. Use soft bristle on steel troweled surface for fine texture.

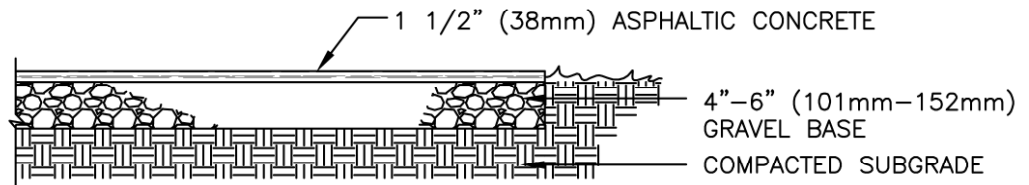


Exposed Aggregate

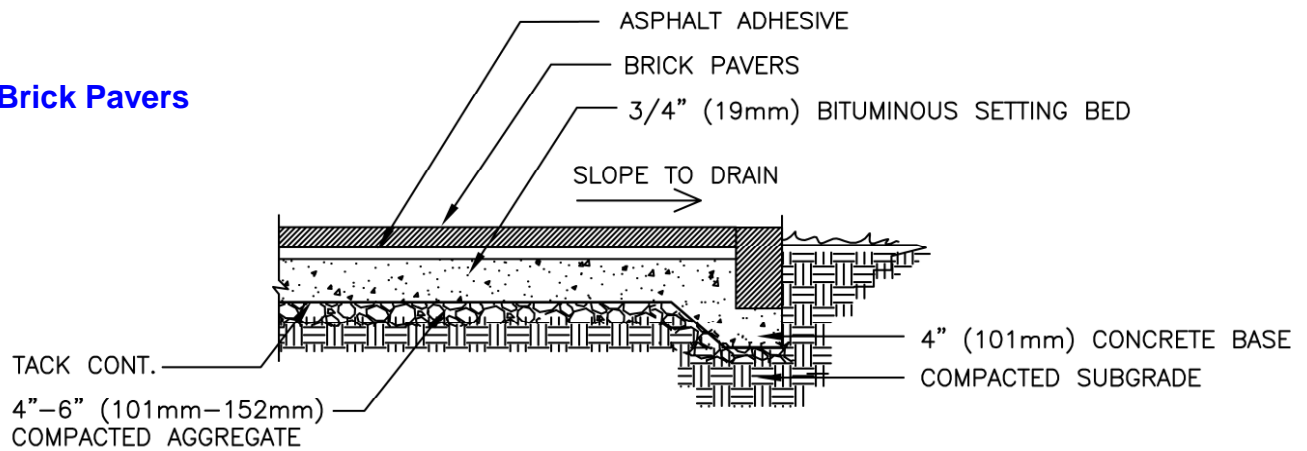
Seed aggregate uniformly onto surface. After setup, brush lightly and clean with spray. If using aggregate mix, towel and expose by washing fines or use a retarder.

Wheeling Surfaces (cont'd.):

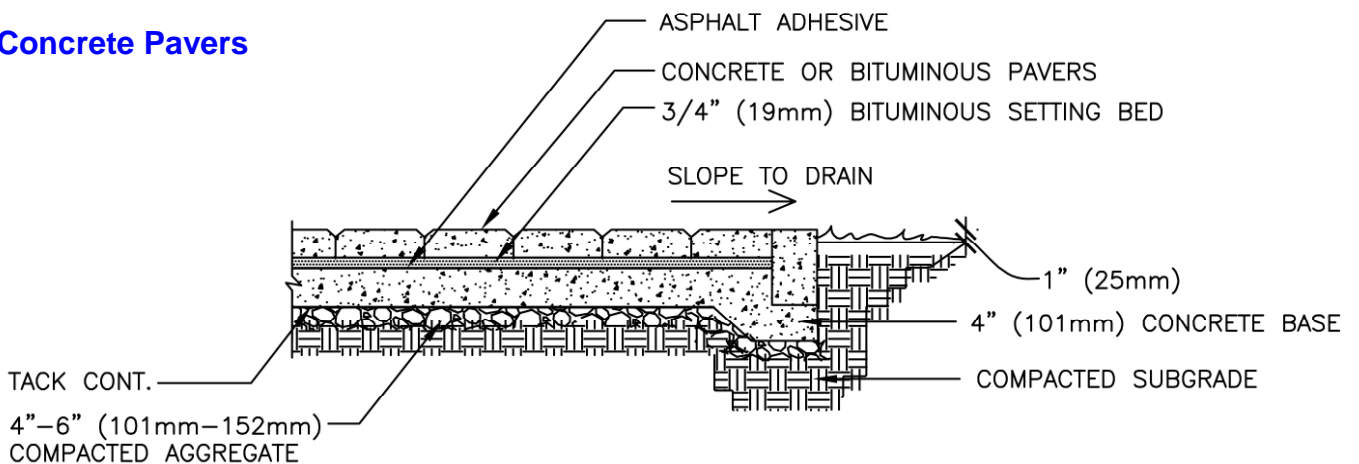
Asphalt/Slope Asphalt (Standing Water Option)



Brick Pavers

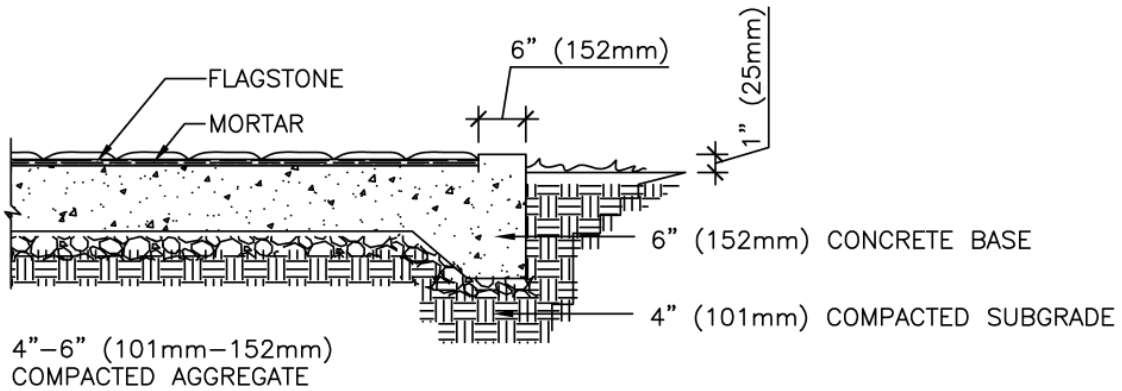


Concrete Pavers

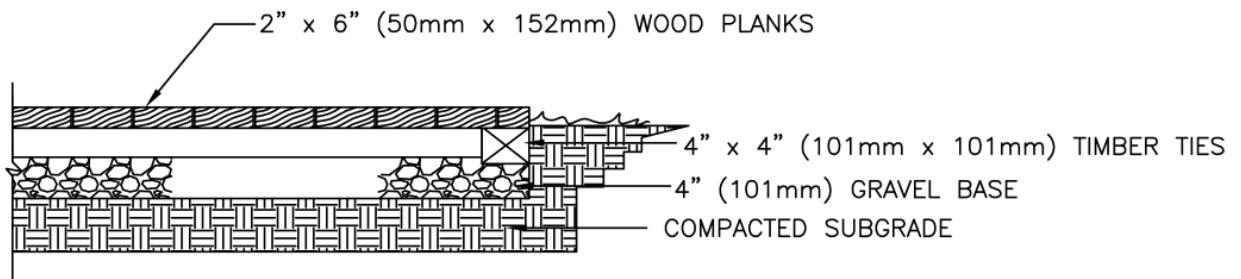


Wheeling Surfaces (cont'd.):

Flagstone

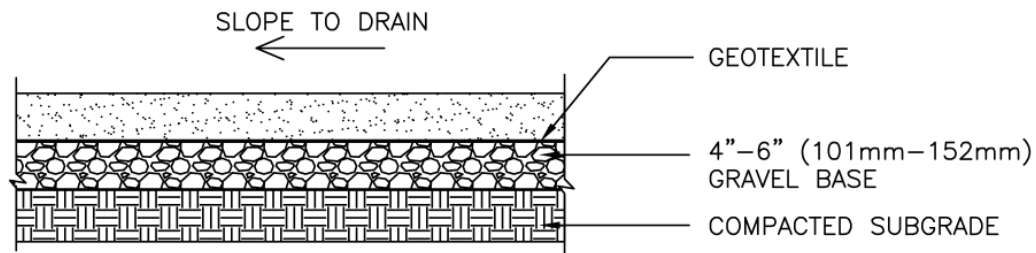


Wood Planks

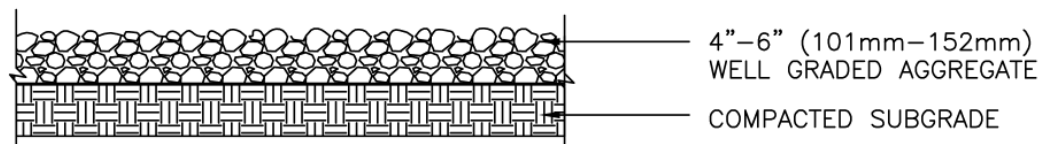


Wheeling Surfaces (cont'd.):

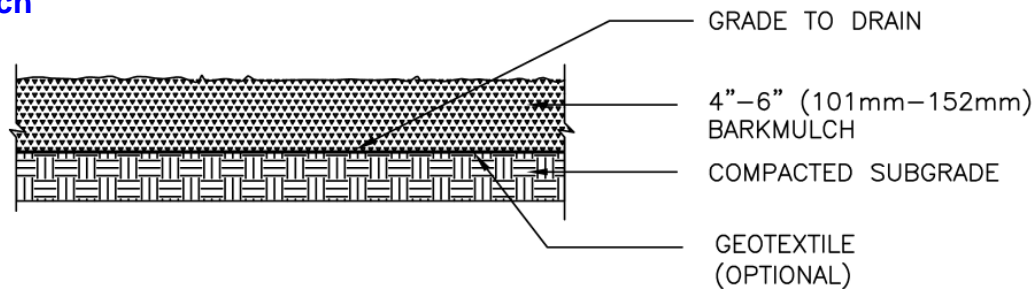
Sand



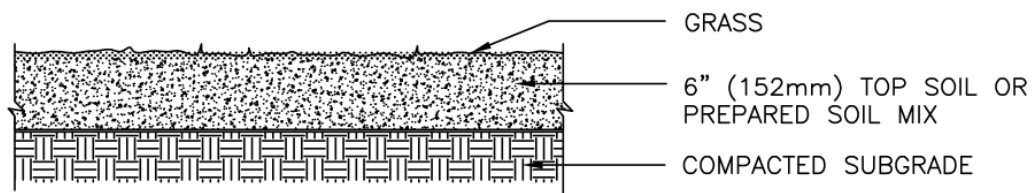
Gravel



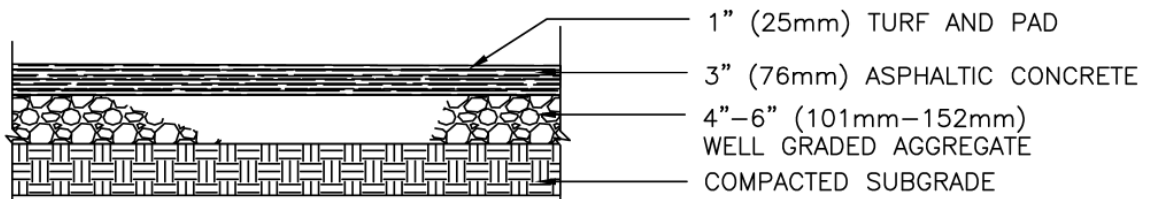
Barkmulch



Natural Turf



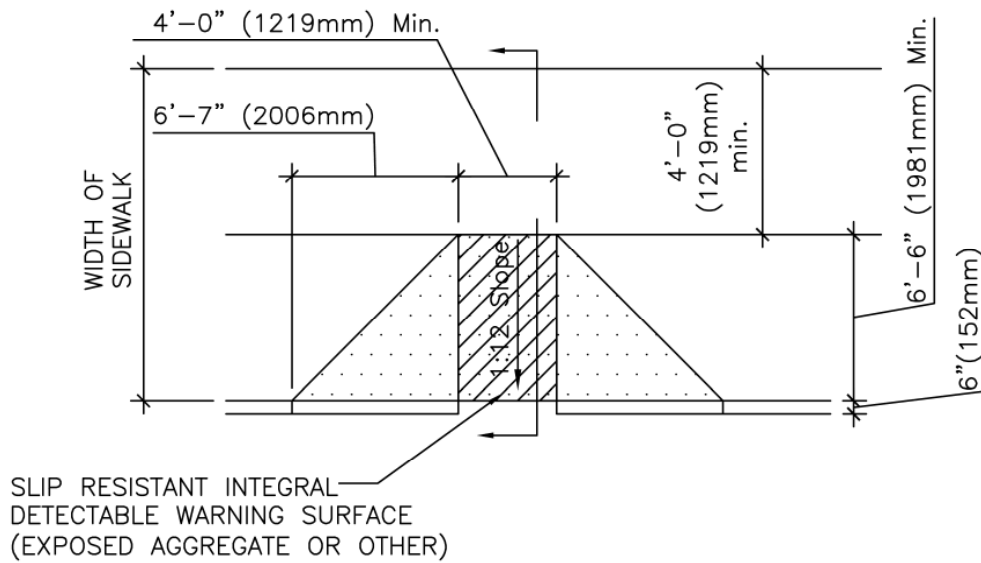
Artificial/Synthetic Turf



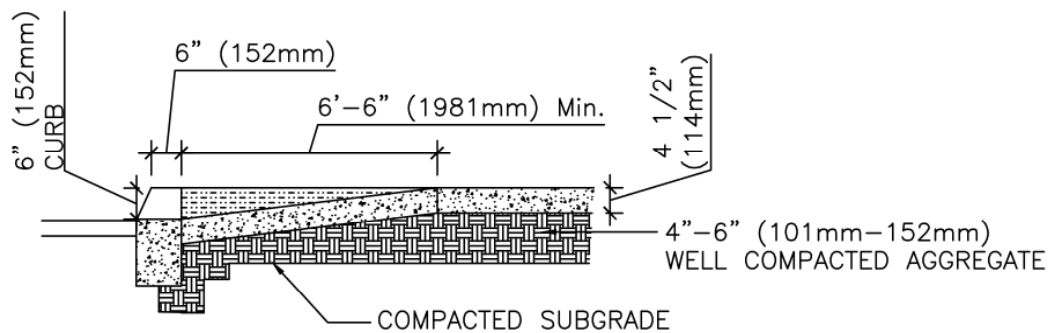
Wheeling Surfaces (cont'd.):

Curb/Curb Ramp/Walk:

Plan



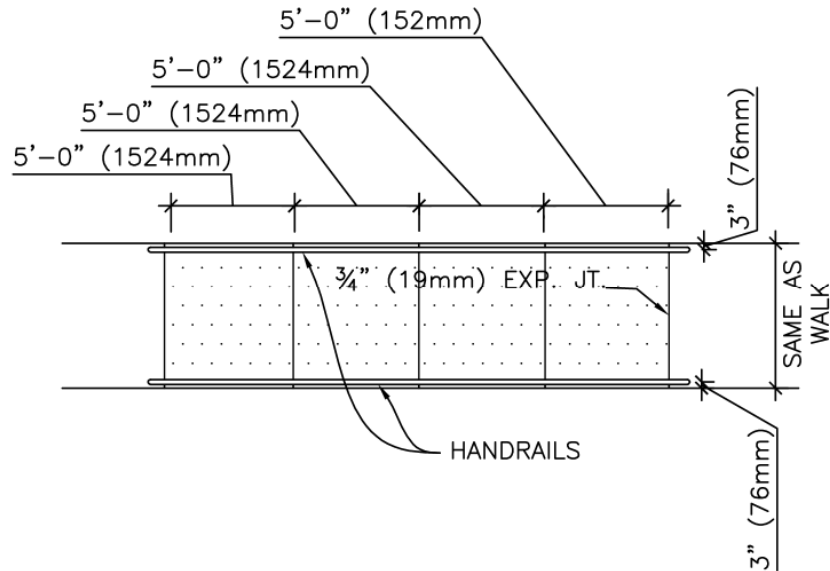
Section



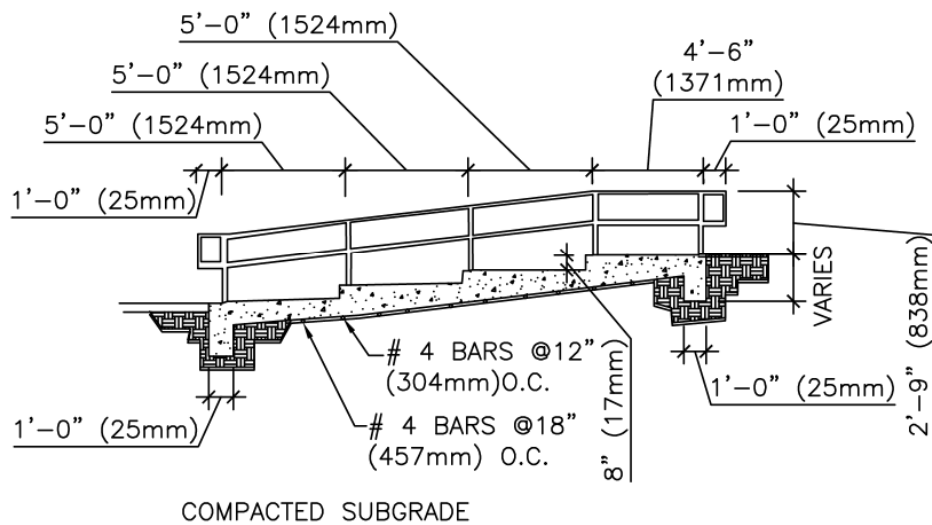
Wheeling Surfaces (cont'd.):

Concrete Steps:

Plan



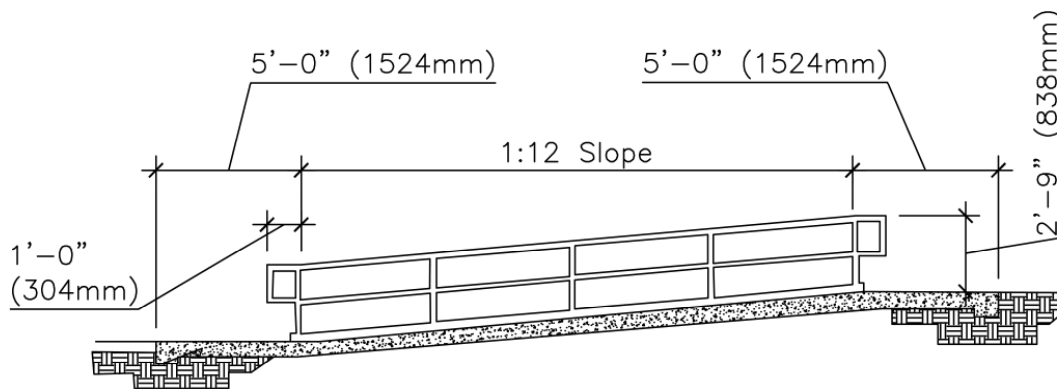
Section



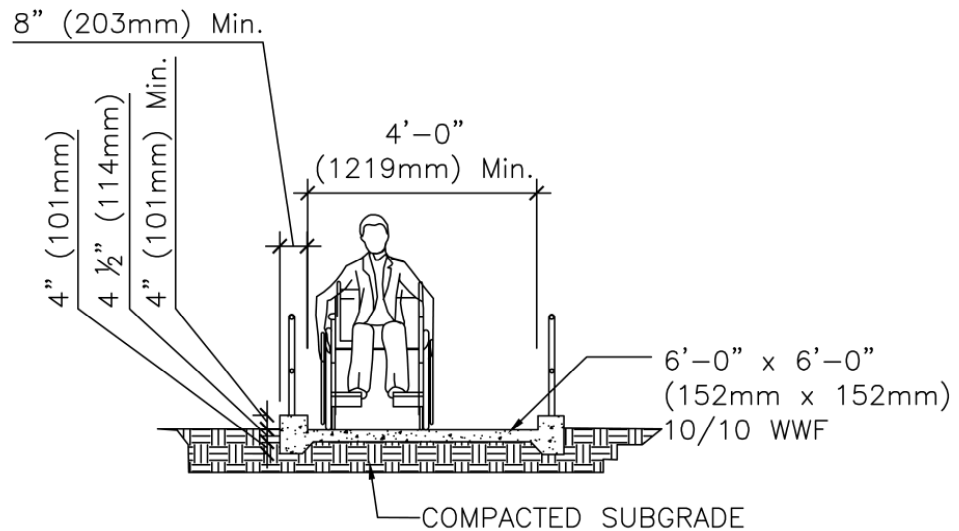
Wheeling Surfaces (cont'd.):

Ramp (1:12 Slope):

Elevation



Cross-Section



3.5 Site Design Guideplates

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1. Grading

Function:

To provide access to primary entrances usually considered as major points of pedestrian flow to all buildings through the proper grading or use of approach ramps.

Requirements:

Such accessible entrances shall include:

1. Primary public entrances connecting to public transportation stops.
2. Primary entrances connecting to parking areas specially designed for the handicapped.
3. Primary entrances connecting to walkways between buildings in a hospital complex.
4. All horizontal exits out of SCI Center.

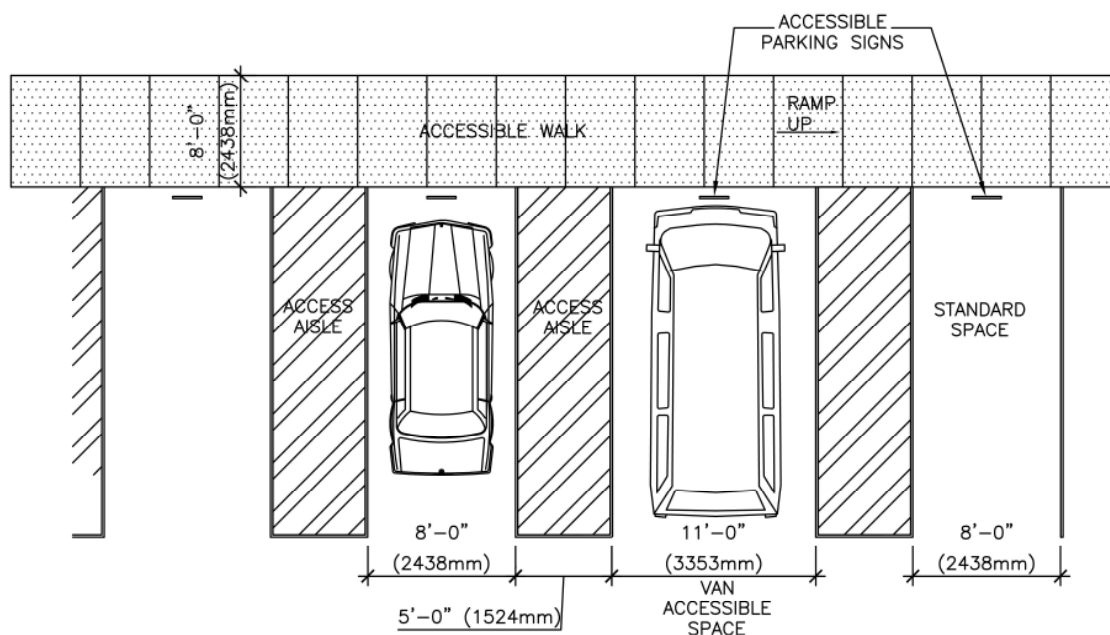
2. Parking

Function:

To provide a dedicated lot with accessible parking spaces with safe and easy access to buildings.

Requirements:

1. 1.5 spaces for each SCI bed.
2. 5'-0" (1524 mm) wide access aisles on each side of accessible spaces.
 - a. Regular spaces are 8'-0" (2438) wide.
 - b. Van spaces are 11'-0" (3352 mm) wide by 21'-0" (6400 mm) long.
3. Pavement surface flush with adjoining walk with a maximum surface slope of 1:50 (2%).
4. "SCI/D Patient Parking Only" for identification of SCI/D accessible spaces.
5. Signage according to the criteria in the VA manual, "Environmental Graphics Design Programming Guide" (Signage Manual).
6. Minimum clear width of 8'-0" (2438 mm) for adjacent walkways abutting parking stalls to allow for vehicle overhang.



Note: Location of walkways shall preferably eliminate the need to walk or wheel behind parked vehicles.

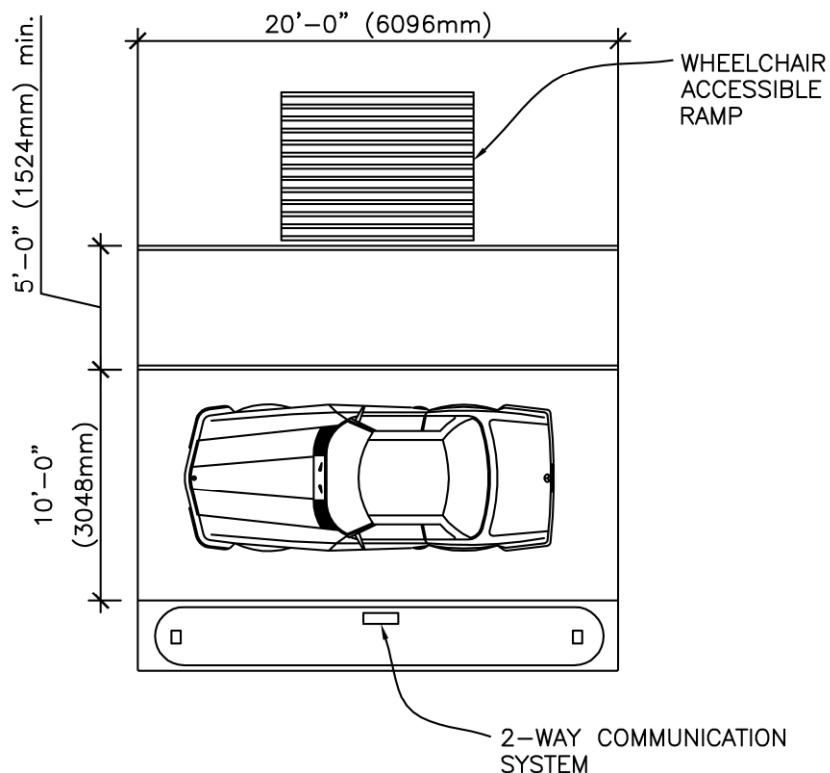
3. Passenger Loading Zone

Function:

To provide a designated accessible passenger loading zone located away from other traffic patterns.

Requirements:

1. Adjacent to accessible entrance.
2. Curb ramp to sidewalk level.
3. Canopy or roof overhang for protection.
4. Communication system for assistance.
5. Access aisles, measuring at least 5'-0" (1524 mm) wide by 20'-0" (6096 mm) long and parallel and level with the vehicle pull-up space.



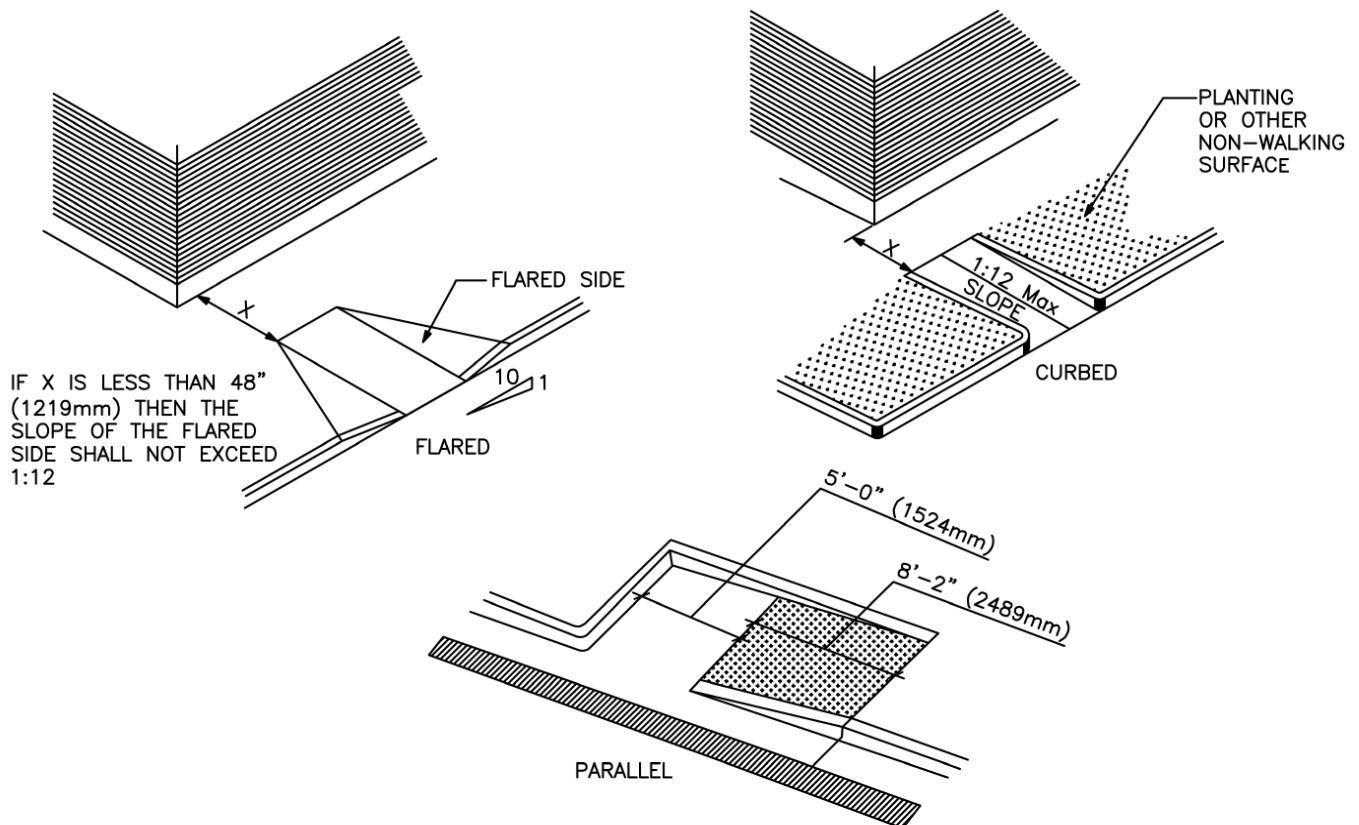
4. Curb Ramps

Function:

To provide a smooth transition between a vehicular road surface and a pedestrian walk surface.

Requirements:

1. Slope: The maximum slope of a ramp in a new construction shall be 1:12.
2. Width: The minimum width of a curb ramp shall be 36 inches (915 mm), exclusive of flared sides.
3. Surface: Ground and floor surfaces along curb ramps shall be stable, firm and slip-resistant.



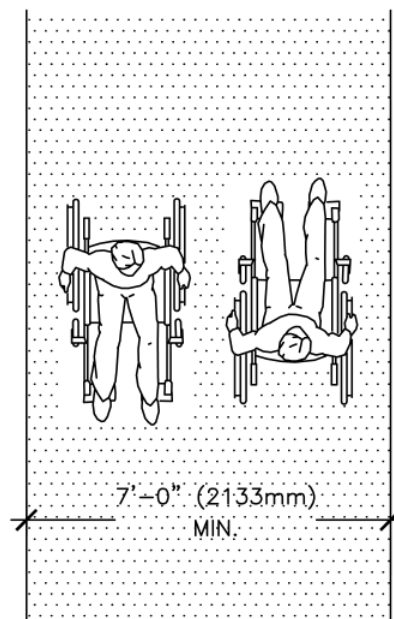
5. Walks

Function:

To provide a continuous and accessible, common surface free of steps or abrupt changes of level, that is maneuverable throughout the hospital complex.

Requirements:

1. Maximum slope of 1:33 (3%).
2. Minimum width of 6'-0" (1828 mm).
3. Maximum cross slopes of 1:50 (2%).
4. Slip-resistant surface.
5. Rest areas every 200'-0" (60960 mm).



Note: A minimum width of 7'-0" (84 in.) (2133 mm) is required for two individuals in wheelchairs to pass each other.

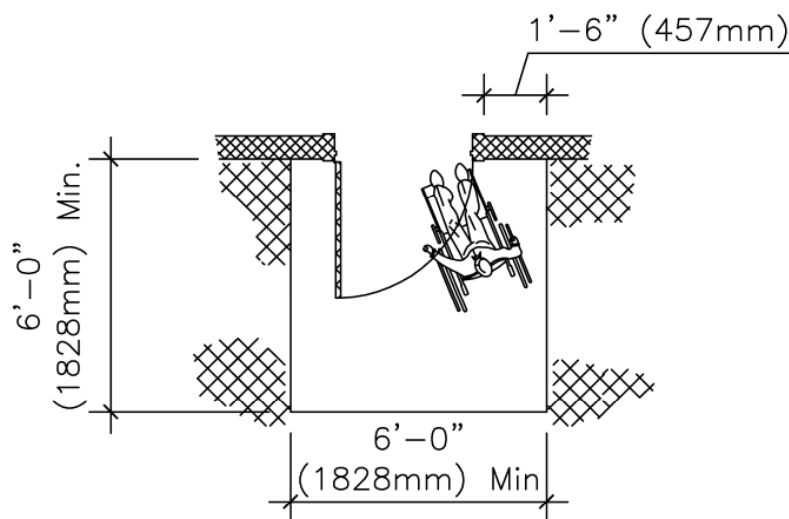
6. Exterior Door Entrances

Function:

To provide a clear and level platform where doors open onto a walk or ramp for easy access to building.

Requirements:

1. Minimum dimensions of platform 6'-0" (1828 mm) x 6'-0" (1828 mm).
2. Platform shall extend a minimum of 1'-6" (457 mm) beyond the latch side of single doors and 6" (152 mm) beyond both sides of double-leaf doorways.
3. Signage at accessible entrances.



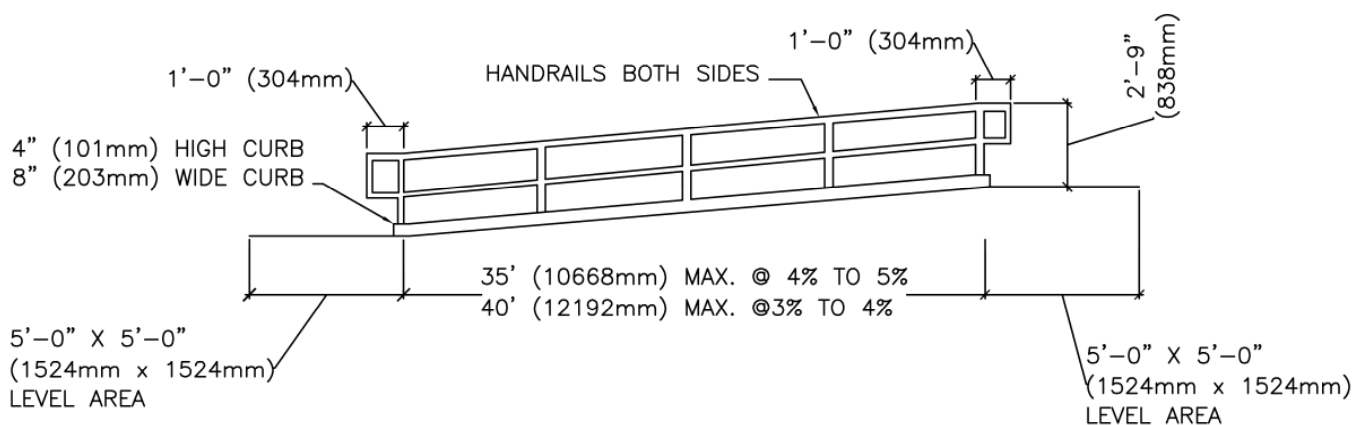
7. Ramps

Function:

Any part of an accessible route with a slope greater than 1:20 shall be considered a ramp. The function of a ramp is to provide accessible building entrances across steep topography where a gradual incline is not possible.

Requirements:

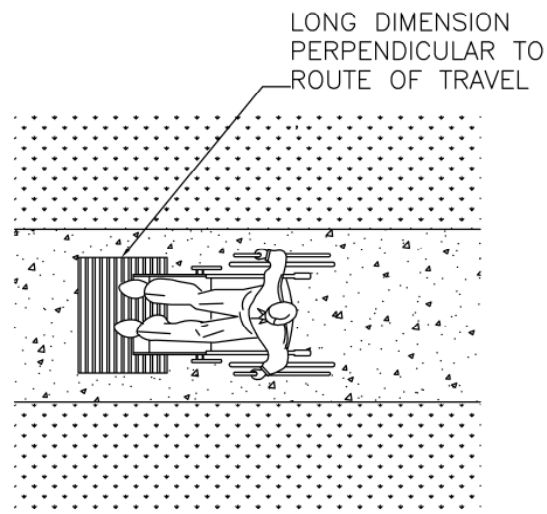
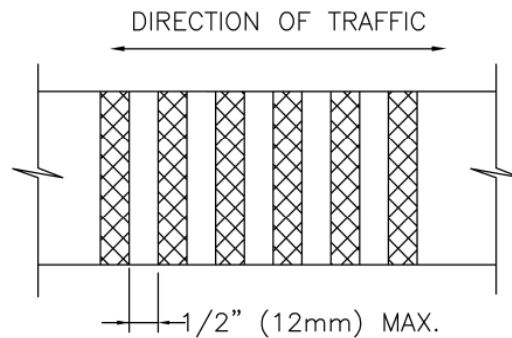
1. Slope: The maximum slope of a ramp in a new construction shall be 1:12
2. Width: The minimum width of a curb ramp shall be 36 inches (915 mm), exclusive of flared sides.
3. Surface: Ground and floor surfaces along curb ramps shall be stable, firm and slip-resistant.
4. Cross slope of ramp surfaces shall be no greater than 1:50.
5. Landings:
 - a. Every 40'-0" (12192 mm) when slope is 1:33 (3%) to 1:24 (4%).
 - b. Every 35'-0" (10668 mm) when slope is 1:25 (4%) to 1:20 (5%).
 - c. Landing length shall be a minimum of 60 in. i.e. 5'-0" (1524 mm) – clear.
 - d. If ramps change direction at landings, the minimum landing size shall be 60 in by 60 in. i.e. 5'-0" x 5'-0" (1524 mm x 1524 mm).
6. Handrails installed on both sides and mounted at a height of 2'-9" (838 mm) and extend 1'-0" (304 mm) beyond beginning and end of ramp.
7. 4" (101 mm) high x 8" (203 mm) wide curbs on each side to prevent wheelchairs from scuffing walls or catching on railing posts. Such curbs also enable a person to stop a wheelchair that is out of control quickly by turning one wheel against the curb.



8. Grates

Requirements:

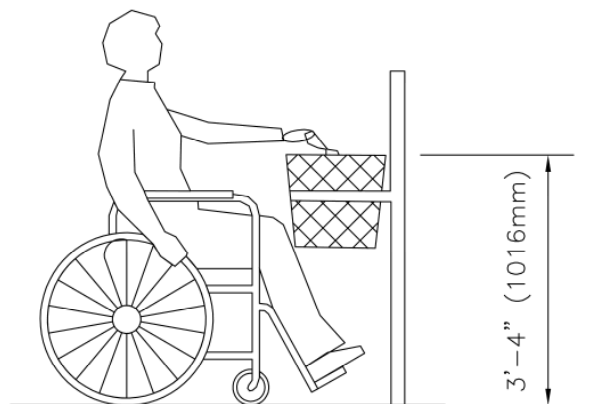
Cast iron and similar gratings in walkways or pedestrian areas should not have openings larger than a ½ inch (12 mm) square. Manhole and access covers must be flush with the pavement or road surface.



9. Trash Receptacles

Requirements:

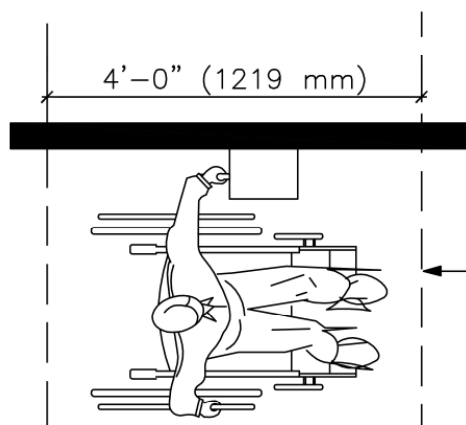
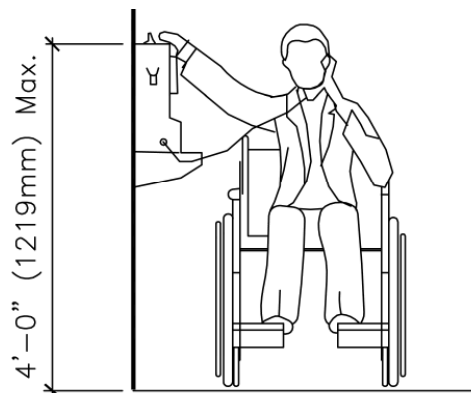
All trash receptacles in areas accessible to disabled persons should have an opening between 30 inches (762 mm) to 36 inches (914 mm) from the ground. Containers should be operable by one hand and have no sharp edges or corners. Each receptacle should be securely anchored to the ground or attached to a sturdy post. Many times such elements will be used as support by semi-ambulant. All receptacles should be placed in areas that can be reached by wheelchair users, preferably where they are not required to go across soft lawn or rough and irregular surfaces.



10. Telephones

Requirements:

1. All operating mechanisms (dial, headset and coin slot) should be a maximum of 4'-0" (1219 mm) above the floor.
2. A minimum 4'-0" (1219 mm) clear floor space to allow parallel approach by wheelchairs.



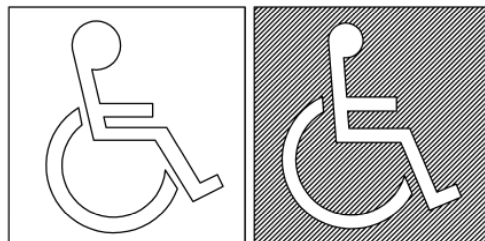
11. Signs

Function:

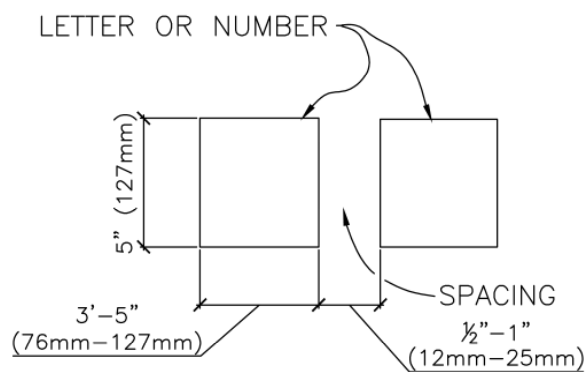
There are two different types of signage. One is the accessibility indicator informing a person if a facility is accessible to the disabled. The second is informative and illustrative. The international symbol of accessibility should be used as an integral part of the facility.

Requirements:

Letters and numbers on signs shall have a width-to-height ratio between 3:5 and 1:1 and a spacing width-to-height ratio between 1:5 and 1:10. Characters and symbols shall contrast with their background – eight light characters on a dark background or dark characters on a light background. Consider when placing signs the height of a person seated in a wheelchair so that they can easily see the signs but not obstruct their view of danger areas or facilities. Also consider the placement of signs along walks so that non-sighted persons will not walk into them.



EXAMPLE:



12. Lighting

Function:

Proper lighting is a necessity if the facilities are to be used after dark. All drop-off and pickup areas, parking spaces used by a disabled person, and important information signs should be adequately lighted with at least 5 foot (1524 mm) candles of un-shadowed illumination. Critical areas for lighting are steps, ramps, and hazardous areas. The diagonal projection of light from one outlet should overlap the diagonal projection of the next.

Requirements:

1. Lights should be arranged so that they form a single line directly over the center of a walk, ramp, or stairs to provide a visual path for persons with only light perception.
2. Overhead lighting tends to cast shadows especially by someone in a wheelchair and thus may be a hazard by obscuring the surface below. At hazardous locations, such as changes of grade, lower level supplemental lighting or additional overhead lights should be used. The light itself should not be placed at such a level that it will glare into a person's eyes. Eye level at wheelchair, can be between 4 feet (1219 mm) and 6 feet (1828 mm). Where walkway illumination is obtained by low fixtures at 3 feet (914 mm) or lower, there must be sufficient peripheral light to indicate what the surroundings are. Peripheral lighting provides for better security of the individual, if he can see into his surroundings, to determine if passage through an area is safe.

