

one-eighth inch = one foot

0 4 8 16

one-quarter inch = one foot

0 4

three-eighths inch = one foot

0 4

one-half inch = one foot

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three-quarters inch = one foot

0 6 2

one inch = one foot

0 6 2

IF THIS SHEET IS NOT 24" x 36"
FULL SIZE, USE GRAPHIC SCALES

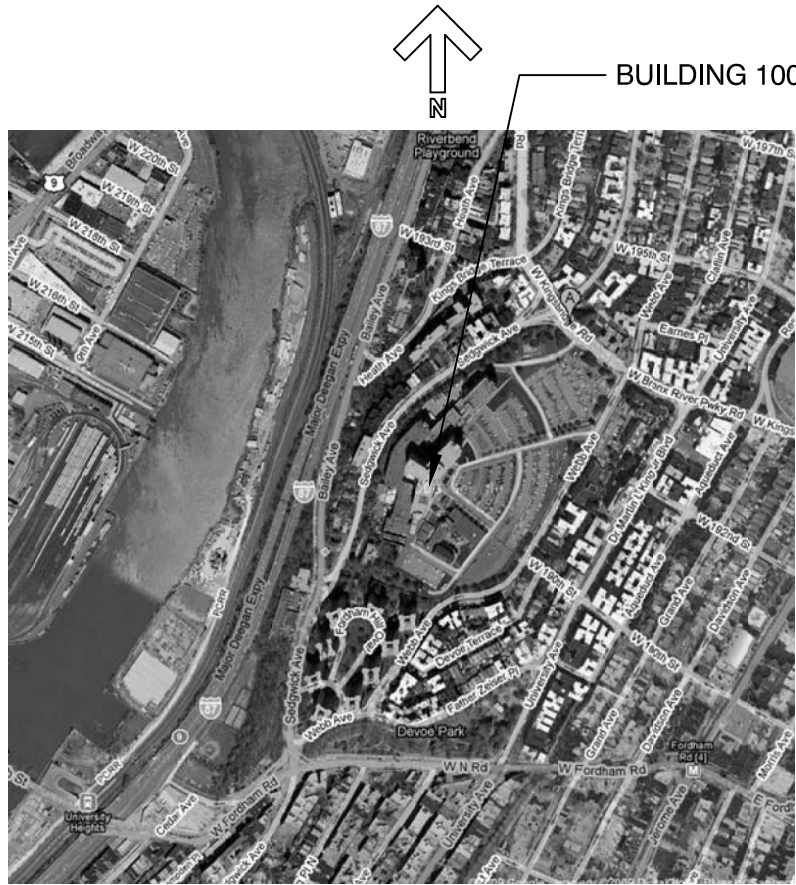
EXPAND SPINAL CORD RESEARCH

JAMES J. PETERS MEDICAL CENTER

130 W. Kingsbridge Road
Bronx, New York 10468

Project No. 526-16-106

Area Map



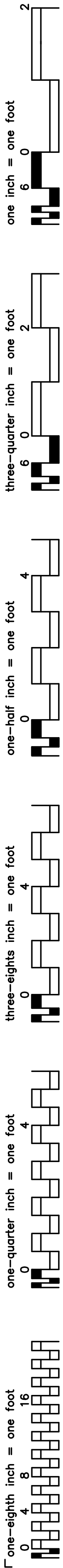
Drawing List

Drawing #	Sheet Name	Sheet #	Drawing #	Sheet Name	Sheet #	Drawing #	Sheet Name	Sheet #
GENERAL INFORMATION			MECHANICAL			ELECTRICAL		
G-01	TITLE SHEET, AREA MAP, DRAWING LIST	1	MD-01	MECHANICAL DEMOLITION PLAN	9	EP-01	ELECTRICAL POWER PLAN	14
IC-01	INFECTION CONTROL MATRIX	2	MH-01	MECHANICAL WORK PLAN	10	EP-02	ELECTRICAL LIGHTING PLAN	15
LS-01	LIFE SAFETY ANALYSIS	3	MH-02	MECHANICAL DETAILS	11	EP-03	ELECTRICAL PANEL SCHEDULE AND DETAILS	16
ARCHITECTURAL ELEMENTS			FIRE PROTECTION					
AD-01	DEMOLITION PLAN	4	FP-01	FIRE SPRINKLER PLAN	12			
AD-02	CEILING DEMOLITION PLAN	5	FP-02	FIRE SPRINKLER DETAILS	13			
AE-01	ARCHITECTURAL PLAN	6						
AE-02	REFLECTED CEILING PLAN	7						
IF-03	FURNITURE AND FINISH PLAN	8						

BID NOTE:
ITEMS INDICATED AS "NOT FOR BID" SHALL NOT BE INCLUDED AS PART OF THE BID PROCESS. ITEMS INDICATED AS "FOR BID" SHALL BE INCLUDED AS PART OF THE BID PROCESS. ITEMS NOT LABELED SHALL BE CONSIDERED "FOR BID" AND SHALL BE PART OF THE BID PROCESS.

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title TITLE SHEET, AREA MAP, DRAWING LIST	Project Title EXPAND SPINAL CORD RESEARCH		Project Number 526-16-106	Office of Facility Management Service
			Associate Director Approval				Building Number 100	
			Chief Nurse Executive / Chief of Staff Approval	Chief Engineer Approval	Location Bronx, New York		Drawing Number G-1	
			PCC Director Approval	Safety Manager Approval	Date 08/26/15	Checked xxx	Drawn DN	
DESCRIPTION							Dwg. 1 of 16	





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INFECTION CONTROL RISK ASSESSMENT TYPE OF CONSTRUCTION / PROJECT ACTIVITY TABLE	
TYPE A	INSPECTION AND NON-INVASIVE ACTIVITIES INCLUDES, BUT IS NOT LIMITED TO: <ul style="list-style-type: none">REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE TO 50 SQUARE FEETPAINING (BUT NOT SANDING), WALL COVERINGELECTRICAL TRIM WORK, MINOR PLUMBING, AND ACTIVATES WHICH DO NOT GENERATE DUST OR REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL INSPECTION
TYPE B	SMALL SCALE, SHORT DURATION ACTIVITIES WHICH CREATE MINIMAL DUST INCLUDES, BUT IS NOT LIMITED TO: <ul style="list-style-type: none">INSTALLATION OF TELEPHONE AND COMPUTER CABLINGACCESS TO CHASE SPACESCUTTING OF WALLS OR CEILING WHERE DUST MIGRATION CAN BE CONTROLLED
TYPE C	WORK THAT GENERATES A MODERATE TO HIGH LEVEL OF DUST OR REQUIRES DEMOLITION OR REMOVAL OF ANY FIXED BUILDING COMPONENTS OR ASSEMBLIES INCLUDES, BUT IS NOT LIMITED TO: <ul style="list-style-type: none">SANDING OF WALLS FOR PAINTING OR WALL COVERINGREMOVAL OF FLOOR COVERINGS, CEILING TILES AND CASEWORKNEW WALL CONSTRUCTIONMINOR DUCT WORK OR ELECTRICAL WORK ABOVE CEILINGSMAJOR CABLING ACTIVITIESANY ACTIVITY WHICH CANNOT BE COMPLETED WITHIN A SINGLE WORK SHIFT
TYPE D	MAJOR DEMOLITION AND CONSTRUCTION PROJECTS INCLUDES, BUT IS NOT LIMITED TO: <ul style="list-style-type: none">ACTIVITIES WHICH REQUIRE CONSECUTIVE WORK SHIFTSREQUIRES HEAVY DEMOLITION OR REMOVAL OF A COMPLETE CEILING SYSTEMNEW CONSTRUCTION

PATIENT RISK GROUP TABLE			
GROUP 1 LOW RISK	GROUP 2 MEDIUM RISK	GROUP 3 HIGH RISK	GROUP 4 HIGHEST RISK
<ul style="list-style-type: none">OFFICE AREAS (NON-CLINICAL)	<ul style="list-style-type: none">CARDIOLOGYECHOCARDIOLOGYENDOSCOPY – GIPHYSICAL THERAPYRADIOLOGY/MRINUCLEAR MEDICINERESPIRATORY CARE (EXCEPT BRONCHOSCOPY AREA)CAFETERIAOUTPATIENT AREAS– CLINICS AND OFFICES (EXCEPTION: TRANSPLANT AND ONCOLOGY)	<ul style="list-style-type: none">EMERGENCY ROOMPOST ANESTHESIA CARE UNITSLABOR AND DELIVERYPEDIATRICSADMISSION/DISCHARGE AREALABORATORIESPHARMACYINPATIENT UNITS (NOT OTHERWISE SPECIFIED) AT ALL A.E.H.N. LOCATIONS	<ul style="list-style-type: none">ALL OPERATING ROOMS INCLUDING LABOR AND DELIVERYANESTHESIA AND PUMP AREASCENTRAL EQUIPMENT/STERILE SUPPLYCARDIAC CATHETERIZATION AND ANGIOGRAPHY AREASINTERVENTIONAL RADIOLOGYRADIATION ONCOLOGYALL INTENSIVE CARE UNITSNEWBORN NURSERIES, INCLUDING N.I.C.U.DIALYSIS UNITONCOLOGY– INPATIENT & OUTPATIENTTRANSPLANT– INPATIENT & OUTPATIENTPHARMACY ADMIXTURENEGATIVE PRESSURE ISOLATION ROOMS/AREAS (INCLUDING BRONCHOSCOPY AREA)

INFECTION CONTROL MATRIX – CLASS OF PRECAUTIONS: CONSTRUCTION PROJECT BY PATIENT RISK

PATIENT RISK GROUP	CONSTRUCTION PROJECT TYPE			
	TYPE A	TYPE B	TYPE C	TYPE D
LOW RISK GROUP 1	I	II	II	III/IV
MEDIUM RISK GROUP 2	I	II	III	IV
HIGH RISK GROUP 3	I	III	III/IV	IV
VERY HIGH RISK GROUP 4	III	III/IV	III/IV	IV

NOTE: INFECTION CONTROL APPROVAL WILL BE REQUIRED WHEN THE CONSTRUCTION ACTIVITY AND RISK LEVEL INDICATE THAT CLASS III OR CLASS IV CONTROL PROCEDURES ARE NECESSARY.

IT IS THE CONTRACTOR’S RESPONSIBILITY TO PROVIDE THE FOLLOWING INFECTION CONTROL PRECAUTIONS DEPENDING UPON THE AREA CLASS DESIGNATION

	MATRIX OF PRECAUTIONS FOR CONSTRUCTION AND RENOVATION	
	DURING CONSTRUCTION PROJECT	UPON COMPLETION OF PROJECT
CLASS I	1. EXECUTE WORK BY METHODS TO MINIMIZE RAISING DUST FROM CONSTRUCTION OPERATIONS. 2. IMMEDIATELY REPLACE A CEILING TILE DISPLACED FOR VISUAL INSPECTION.	1. WIPE SURFACES TO REMOVE DUST.
CLASS II	1. INCLUDES ALL ACTIVITIES REQUIRED BY CLASS I 2. PROVIDE ACTIVE MEANS TO PREVENT AIRBORNE DUST FROM DISPERSING INTO ATMOSPHERE. 3. WATER MIST WORK SURFACES TO CONTROL DUST WHILE CUTTING. 4. SEAL UNUSED DOORS WITH DUCT TAPE. 5. BLOCK OFF AND SEAL AIR VENTS. 6. REPLACE ADHESIVE WALK-OFF MATS AT ENTRANCE AND EXIT OF WORK AREA. REPLACE USED MATS IN ACCORDANCE WITH MANUFACTURER’S RECOMMENDATIONS. 7. REMOVE OR ISOLATE HVAC SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM.	1. WIPE WORK SURFACES WITH DISINFECTANT 2. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS. 3. WET MOP AND/OR VACUUM WORK AREA WITH H.E.P.A. FILTERED VACUUM BEFORE LEAVING WORK AREAS. 4. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.
CLASS III	1. INCLUDES ALL ACTIVITIES REQUIRED BY CLASS II 2. OBTAIN INFECTION CONTROL PERMIT FROM MEDICAL CENTER SAFETY OFFICER OR FACILITIES MANAGEMENT MAINTENANCE AND ENGINEERING DEPARTMENT BEFORE CONSTRUCTION BEGINS. 3. REMOVE OR ISOLATE HVAC SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM. 4. COMPLETE ALL CRITICAL BARRIERS BEFORE CONSTRUCTION BEGINS OR IMPLEMENT CONTROL CUBE METHOD. 5. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING H.E.P.A.–EQUIPPED AIR FILTRATION UNITS. 6. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS. 7. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERS. 8. WET MOP AND/OR VACUUM WITH H.E.P.A. FILTERED VACUUM BEFORE LEAVING WORK AREAS. 9. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.	1. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. 2. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS. 3. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING. 4. VACUUM WORK WITH HEPA–FILTERED VACUUMS. 5. WET MOP WITH DISINFECTANT. 6. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.
CLASS IV	1. INCLUDES ALL ACTIVITIES REQUIRED BY CLASS III 2. OBTAIN INFECTION CONTROL PERMIT FROM MEDICAL CENTER SAFETY OFFICER OR FACILITIES MANAGEMENT MAINTENANCE AND ENGINEERING DEPARTMENT BEFORE CONSTRUCTION BEGINS. 3. ISOLATE HVAC SYSTEM IN AREAS WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM. 4. COMPLETE ALL CRITICAL BARRIERS OR IMPLEMENT CONTROL CUBE METHOD BEFORE CONSTRUCTION BEGINS. 5. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING H.E.P.A. EQUIPPED AIR FILTRATION UNITS. 6. SEAL HOLES, PIPES, CONDUITS, AND PUNCTURES APPROPRIATELY. 7. CONSTRUCT ANTEROOM AND REQUIRE ALL PERSONNEL TO PASS THROUGH THIS ROOM SO THEY CAN BE VACUUMED USING A H.E.P.A. VACUUM CLEANER BEFORE LEAVING WORK SITE OR THEY CAN WEAR CLOTH OR PAPER COVERALLS THAT ARE REMOVED EACH TIME THEY LEAVE THE WORK SITE. 8. ALL PERSONNEL ENTERING WORK SITE ARE REQUIRED TO WEAR SHOE COVERS. SHOE COVERS MUST BE CHANGED EACH TIME THE WORKER EXITS THE WORK AREA. 9. PLACE ADHESIVE WALK-OFF MATS AT ENTRANCE TO WORK AREA WITHIN ANTEROOM. REPLACE PER MANUFACTURER’S RECOMMENDATIONS. 10. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED EACH BY THE MEDICAL CENTER SAFETY OFFICER, FACILITIES MANAGEMENT MAINTENANCE AND ENGINEERING DEPARTMENT AND THOROUGHLY CLEANED BY THE MEDICAL CENTER ENVIRONMENTAL SERVICES DEPARTMENT OR THEIR CONTRACTED ENVIRONMENTAL SERVICES COMPANY. 11. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS. 12. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING. 13. VACUUM WORK AREA WITH H.E.P.A. FILTERED VACUUMS. WET MOP WITH DISINFECTANT AFTER BARRIERS ARE REMOVED. 14. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.	1. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. 2. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS. 3. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING. 4. VACUUM WORK AREA WITH H.E.P.A. FILTERED VACUUMS. 5. WET MOP AREA WITH DISINFECTANT AFTER BARRIERS ARE REMOVED 6. REMOVE OR ISOLATE HVAC SYSTEM IN AREAS WHERE WORK WAS BEING PERFORMED.

ICRA GENERAL NOTES

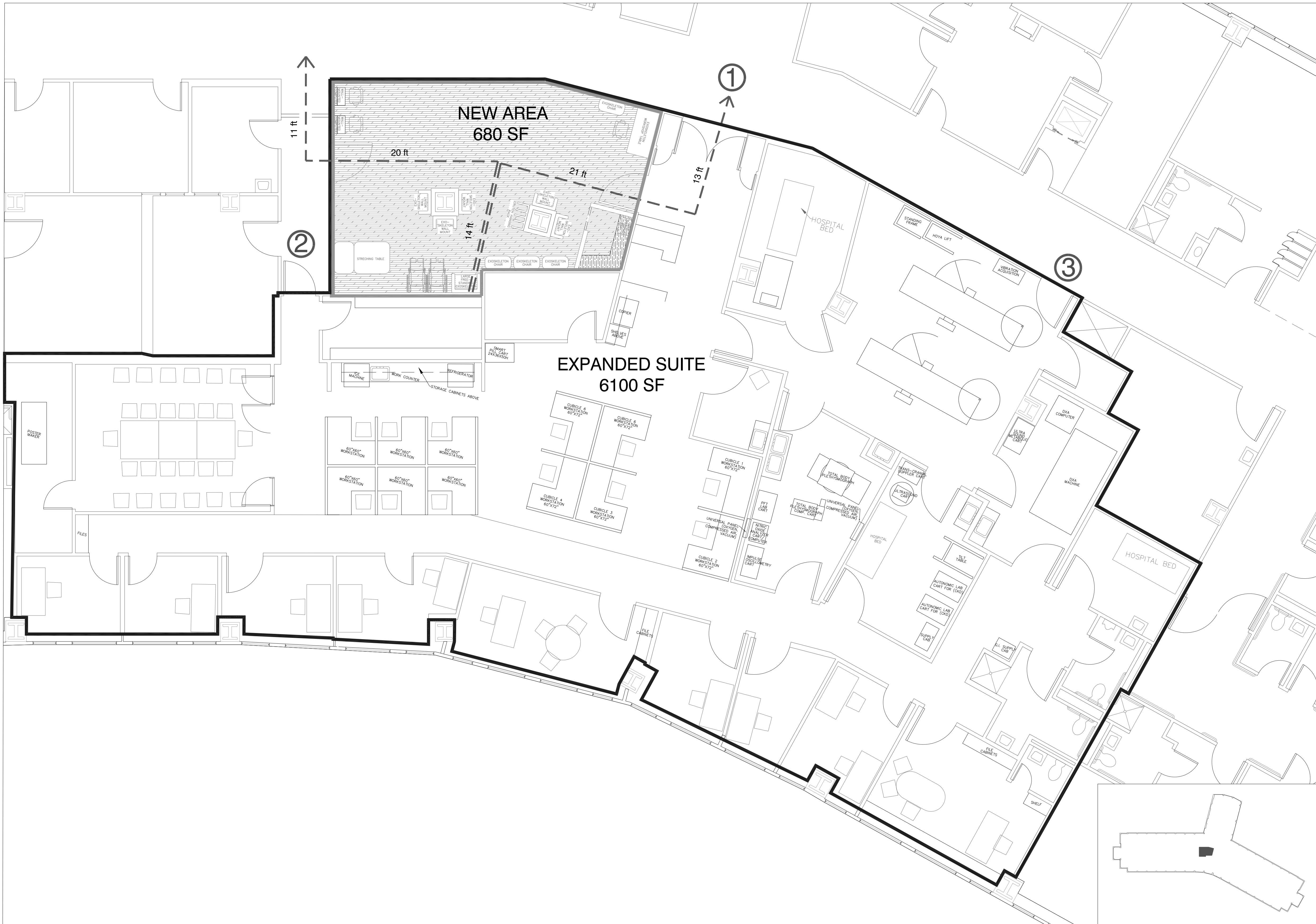
- PROVIDE CONTAINMENT AS REQUIRED (BY MEDICAL CENTER) INFECTION CONTROL REPRESENTATIVE FOR WORK OUTSIDE MAJOR AREA.
- PROVIDE TEMPORARY CONSTRUCTION/INFECTION VESTIBULE PER PARTITION TYPE (SEE SHEET AP100.)
- PROVIDE TEMPORARY DOOR WITH GASKETING TO PREVENT THE MOVEMENT OF DUST.
- PROVIDE TEMPORARY EMERGENCY EXIT FROM CONSTRUCTION ZONE. HOWEVER, ALL GENERAL CONSTRUCTION TRAFFIC SHOULD BE THROUGH VESTIBULE.

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title	Project Title	Project Number	Office of Facility Management Service
			Associate Director Approval	INFECTION CONTROL MATRIX	EXPAND SPINAL CORD RESEARCH	526–16–106	
			Chief Nurse Executive / Chief of Staff Approval	Chief Engineer Approval	Location	Building Number	
			PCC Director Approval	Safety Manager Approval	Bronx, New York	100	
DESCRIPTION	DATE				Date	IC-1	Dwg. 2 of 16
					08/26/15	Checked xxx	
						Drawn DN	


DEPARTMENT OF
VETERANS AFFAIRS

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one-quarter inch = one foot
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one inch = one foot

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1 LIFE SAFETY ANALYSIS
LS-01 3/16"=1'-0"

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title LIFE SAFETY PLAN	Project Title EXPAND SPINAL CORD RESEARCH	Project Number 526-16-106		Office of Facility Management Service
			Associate Director Approval			Building Number 100		
			Chief Nurse Executive / Chief of Staff Approval	Chief Engineer Approval	Location Bronx, New York		Drawing Number A-1	 DEPARTMENT OF VETERANS AFFAIRS
DESCRIPTION	DATE	PCC Director Approval	Safety Manager Approval	Date 08/26/15	Checked xxx	Drawn DN	Dwg. 3 of 16	

LIFE SAFETY CODE ANALYSIS – SPINAL CORD RESEARCH SUITE AREA		
LIFE SAFETY CODE ANALYSIS – BASED ON NFPA – LIFE SAFETY CODE – 2009 EDITION CHAPTER 38: NEW BUSINESS OCCUPANCIES GROSS AREA: 6,100 SF OCCUPANT LOAD FACTOR: 100 SF PER PERSON (TABLE 7.3.1.2) FULLY SPRINKLERED OCCUPANT LOAD: 61 PEOPLE WIDTH OF EGRESS – CAPACITY FACTORS (TABLE 7.3.3.1)		
	STAIRS (WIDTH PER PERSON)	LEVEL COMPONENT AND RAMPS (WIDTH PER PERSON)
ALL OTHERS	0.3"	0.2"
REQUIRED BY TABLE	0.3x22=6.6"	0.2X44=8.8"
ACTUAL MINIMUM WIDTH OF CORRIDOR OR PASSAGEWAY IS 4'-0"		
REQUIRED STAIRS WIDTH 36" (USE MINIMUM WIDTH OF EXISTING STAIR OF 36" AS PER TABLE 7.2.2.1.1b)		
ACTUAL WIDTH OF EXISTING STAIRS 3'-11"		
MINIMUM WIDTH OF DOOR OPENINGS IN MEANS OF EGRESS SHALL BE NOT LESS THAN 32" IN CLEAR DOOR WIDTH (7.2.1.2.3.2)		
MINIMUM CLEAR DOOR WIDTH 34"		
DEAD END CORRIDORS IN A SPRINKLERED OCCUPANCY DEAD END CORRIDORS SHALL NOT EXCEED 50 FEET (PER SECTION 38.2.5.2.1) MAXIMUM DEAD- END CORRIDOR IS 36'-6"		
COMMON PATH OF TRAVEL IN A SPRINKLERED OCCUPANCY SECTION 38.2.5.3.1 COMMON PATH OF TRAVEL SHALL NOT EXCEED 100 FT. DISTANCE OF MAXIMUM COMMON PATH OF TRAVEL 34'-4"		
TRAVEL DISTANCE TO EXIT IN A SPRINKLERED OCCUPANCY SECTION 38.2.6.3 THE TRAVEL DISTANCE BETWEEN ANY POINT IN A ROOM AND AN EXIT SHALL NOT EXCEED 300 FEET IN A FULLY SPRINKLERED BUILDING. MAXIMUM TRAVEL DISTANCE TO EXIT 71'-3"		

LIFE SAFETY CODE ANALYSIS – EXOSKELETON ROOM		
LIFE SAFETY CODE ANALYSIS – BASED ON NFPA – LIFE SAFETY CODE – 2009 EDITION CHAPTER 38: NEW BUSINESS OCCUPANCIES GROSS AREA: 680 SF OCCUPANT LOAD FACTOR: 100 SF PER PERSON (TABLE 7.3.1.2) FULLY SPRINKLERED OCCUPANT LOAD: 7 PEOPLE WIDTH OF EGRESS – CAPACITY FACTORS (TABLE 7.3.3.1)		
	STAIRS (WIDTH PER PERSON)	LEVEL COMPONENT AND RAMPS (WIDTH PER PERSON)
ALL OTHERS	0.3"	0.2"
REQUIRED BY TABLE	0.3x22=6.6"	0.2X44=8.8"
ACTUAL MINIMUM WIDTH OF CORRIDOR OR PASSAGEWAY IS 4'-0"		
REQUIRED STAIRS WIDTH 36" (USE MINIMUM WIDTH OF EXISTING STAIR OF 36" AS PER TABLE 7.2.2.1.1b)		
ACTUAL WIDTH OF EXISTING STAIRS 3'-11"		
MINIMUM WIDTH OF DOOR OPENINGS IN MEANS OF EGRESS SHALL BE NOT LESS THAN 32" IN CLEAR DOOR WIDTH (7.2.1.2.3.2)		
MINIMUM CLEAR DOOR WIDTH 34"		
DEAD END CORRIDORS IN A SPRINKLERED OCCUPANCY DEAD END CORRIDORS SHALL NOT EXCEED 50 FEET (PER SECTION 38.2.5.2.1) MAXIMUM DEAD- END CORRIDOR IS N/A		
COMMON PATH OF TRAVEL IN A SPRINKLERED OCCUPANCY SECTION 38.2.5.3.1 COMMON PATH OF TRAVEL SHALL NOT EXCEED 100 FT. DISTANCE OF MAXIMUM COMMON PATH OF TRAVEL 14'		
TRAVEL DISTANCE TO EXIT IN A SPRINKLERED OCCUPANCY SECTION 38.2.6.3 THE TRAVEL DISTANCE BETWEEN ANY POINT IN A ROOM AND AN EXIT SHALL NOT EXCEED 300 FEET IN A FULLY SPRINKLERED BUILDING. MAXIMUM TRAVEL DISTANCE TO EXIT 48'		



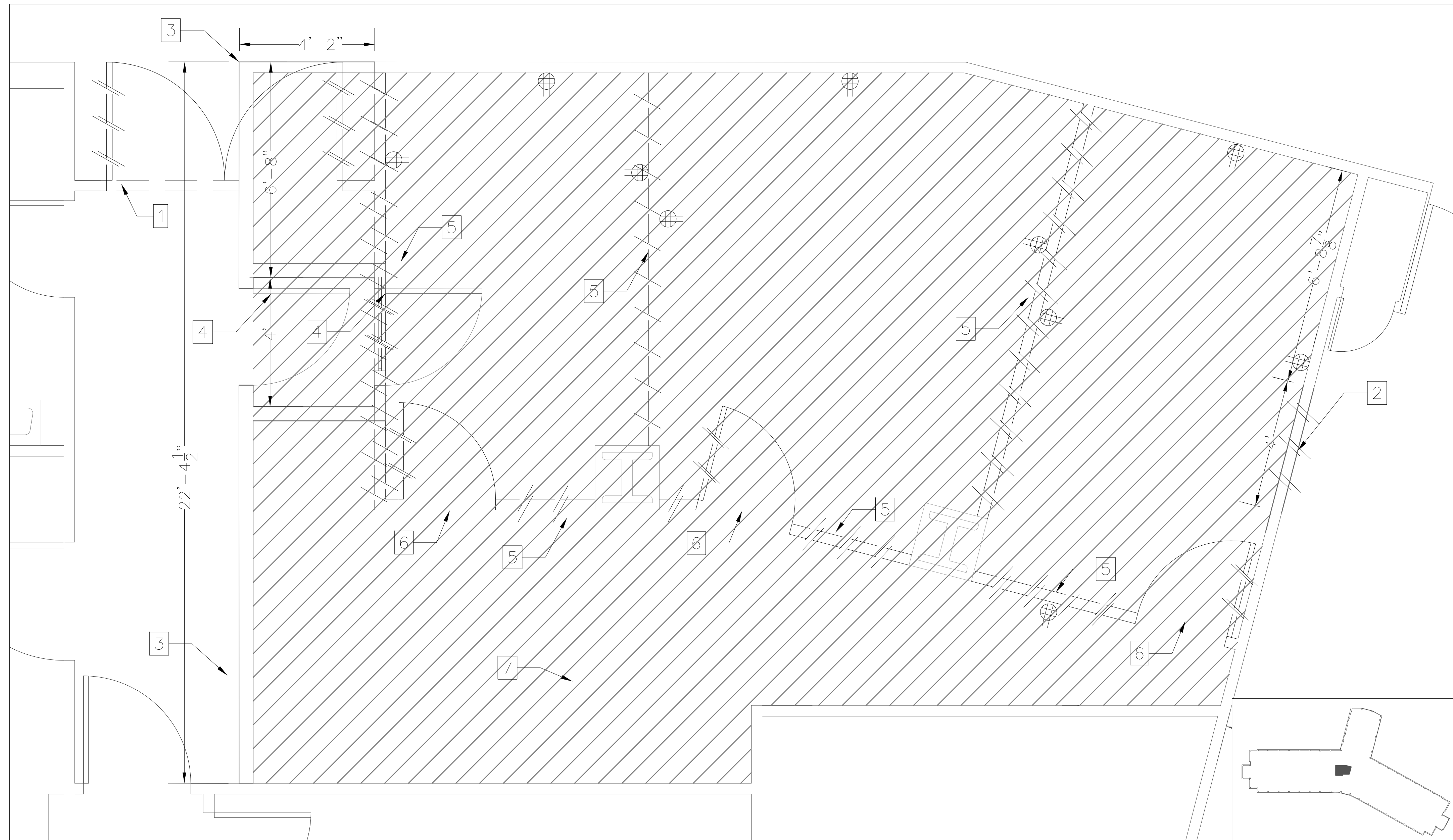
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three-eighths inch = one foot
one-half inch = one foot
three-quarter inch = one foot
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GENERAL NOTES:

- ALL NEW WORK SHALL COMPLY WITH ALL STATE AND LOCAL GOVERNING CODES.
- ALL NEW WORK SHALL BE IN ACCORDANCE TO O.S.H.A.'S REGULATIONS.
- ALL NEW WORK SHALL COMPLY WITH THE HOSPITAL'S/VA MEDICAL CENTER'S REQUIREMENTS.
- ALL WORK TO BE PERFORMED SHALL BE COORDINATED TO MAINTAIN CONTINUED OPERATION OF AREA.
- ALL CODE REQUIRED EGRESS PATHS MUST BE MAINTAINED AT ALL TIMES DURING DEMOTON AND CONSTRUCTION PHASES.
- ALL DIMENSIONS ARE FROM FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD, UNLESS OTHERWISE NOTED.
- INTERIM LIFE SAFETY MEASURES MUST BE PERFORMED PRIOR TO STARTING CONSTRUCTION IN A PARTICULAR PHASE. EXISTING EXIT SIGNS MUST BE COVERED AS EXITS ARE TEMPORARILY INACCESSIBLE WHILE WORK IS BEING PERFORMED IN THAT AREA.
- CONTRACTOR MUST COMPLY WITH VA INFECTION CONTROL REGULATIONS AND INTERIM LIFE SAFETY. ALL DEBRIS BEING REMOVED FROM CONSTRUCTION AREA MUST BE SEALED IN A CLEAN GARBAGE BAG PRIOR TO LEAVING CONSTRUCTION AREA. REFER TO SHEET IC-01 AND VA INFECTION CONTROL REQUIREMENTS.
- REFER TO DEMOLITION PLAN ON SHEET AD-01 FOR LOCATIONS OF DUST TIGHT CONSTRUCTION PARTITIONS AND DOORS.
- REFER TO MECHANICAL, PLUMBING, ELECTRICAL, STRUCTURAL, SPRINKLER DRAWINGS ETC FOR WORK TO BE PERFORMED.
- THE CONTRACTOR SHALL FIRE SAFE ALL OPENINGS IN INTERIOR WALLS, FLOORS AND CEILINGS AS REQUIRED TO MAINTAIN ALL EXISTING RATINGS.
- THE CONTRACTOR SHALL SEAL AROUND ALL PENETRATIONS THROUGH EXTERIOR WALLS TO PROVIDE AND MAINTAIN WEATHER-TIGHTNESS OF EXTERIOR WALL.
- ALL PENETRATIONS MADE THROUGH SMOKE AND FIRE WALLS MUST BE PATCHED, SLEEVED FIRE SAFED AND SEALED DAILY WITH LISTED/RATED FIRE STOPPING MATERIAL IN ORDER TO MAINTAIN RATING.
- THE CONTRACTOR TO PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILINGS ETC SHALL BE MAINTAINED AT ALL TIMES. FIRE SAFE/FIRE SEAL ALL NEW AND EXISTING PIPES AND OTHER PENETRATIONS AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
- THE CONTRACTOR SHALL FIRE SAFE/SEAL DAILY ALL NEW AND EXISTING PIPES AND OTHER PENETRATIONS AT ALL CONCRETE SLAB LOCATIONS WITH A 2 HR FIRE RATING MIN.
- THE CONTRACTOR IS RESPONSIBLE IN OBTAINING ALL NECESSARY PERMITS AND PAYING ALL INSPECTION FEES, AND SIGN OFFS FOR THE PROJECT.
- THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE ALL DRAWINGS PRIOR TO BIDDING TO DETERMINE THE SCOPE OF WORK.

- THE CONTRACTOR SHALL VERIFY ALL EXACT DIMENSIONS OF THE ENTIRE AREA OF WORK PRIOR TO BIDDING, DEMOLITION, CONSTRUCTION AND FIXTURE INSTALLATIONS. THE CONTRACTOR SHALL NOTIFY THE VA IMMEDIATELY OF ANY DIMENSIONAL DISCREPANCIES THAT PROHIBIT NEW WORK FROM PROPER INSTALLATION.
- THE CONSTRUCTION CONTRACTOR IS RESPONSIBLE TO PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT SURFACES BY DEMOLITION OPERATIONS, AT NO ADDITIONAL COST TO THE OWNER.
- NO CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND EQUIPMENT NECESSARY FOR DEMOLITION OPERATIONS AND PROTECT OPERATIONS FOR PERSONNEL.
- THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR SECURE AND SAFE STORAGE OF ALL MATERIALS TO BE REUSED/RELOCATED AS INDICATED ON THE PLANS.
- REMOVALS SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DAMAGE TO EXISTING MATERIALS, IN A CAREFUL MANNER WITHOUT UNNECESSARY NOISE, DUST OR OTHER DISTURBANCE TO PERSONNEL.
- THE CONTRACTOR TO PROVIDE HEPA NEGATIVE PRESSURE MACHINE INSIDE EACH CONSTRUCTION AREA. LOCATION OF EXHAUST TO BE COORDINATED WITH CONTRACTING OFFICER REPRESENTATIVE.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS AS TO AVOID SPREADING CONSTRUCTION DUST AND DEBRIS INTO REMAINDER OF HOSPITAL FLOOR DURING CONSTRUCTION AREA. ACCESS TO WORK AREA SHALL BE COORDINATED WITH CONTRACTING OFFICER REPRESENTATIVE.
- THE CONTRACTOR SHALL PROVIDE DUST TIGHT CONSTRUCTION PARTITIONS AND DOOR AS REQUIRED FOR EACH PHASE. COORDINATE WITH CONTRACTING OFFICER REPRESENTATIVE. REFER TO DEMOLITION PLANS ON SHEET AD-01 FOR LOCATION OF PROPOSED CONSTRUCTION WALL AND DOOR.
- THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL ROOMS, TOILETS, CORRIDORS ETC OF DUST AND DEBRIS PRIOR TO COMPLETION OF THE WORK.
- ALL REMOVALS SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DAMAGE WITHOUT UNNECESSARY NOISE, DUST OR OTHER DISTURBANCE TO PERSONNEL.
- THE CONTRACTOR SHALL SURVEY THE EXISTING STEEL AND DETERMINE IF SPRAY ON FIRE PROOFING EXISTS. THE CONTRACTOR SHALL REPORT ALL FINDINGS BACK TO THE VA. THE VA SHALL DETERMINE IF SPRAY ON FIRE PROOFING IS NEEDED. THE CONTRACTOR SHALL THEN PROVIDE NEW FIRE PROOFING AS REQUIRED THAT MEETS ALL GOVERNING CODES.



1 DEMOLITION PLAN
AD-01 1/2"=1'-0"

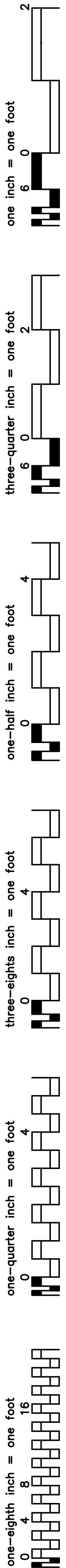
DEMOLITION NOTES:

- PATCH AND REPAIR ALL EXISTING WALLS AND GYPSUM BOARD CEILINGS THAT HAVE BEEN ALTERED DURING DEMOLITION OR HAVE BEEN REMOVED AS REQUIRED FOR NEW INSTALLATION OF ITEMS. SAND WALLS AND CEILINGS TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
- PATCH ALL EXISTING WALLS WHICH WILL REMAIN AND BE EXPOSED TO VIEW AND WHERE ITEMS HAVE BEEN REMOVED. PATCH MATERIAL TO BE SAME AS SUBSTRATE. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- CUT OPENINGS IN WALLS, FLOORS, CEILINGS, ETC WHERE SHOWN OR WHERE NECESSARY FOR INSTALLATION OF NEW WORK SUCH AS MECHANICAL, ELECTRICAL, PLUMBING, ETC. REVIEW AND COORDINATE LOCATIONS AS INDICATED ON ELECTRICAL, PLUMBING AND HVAC DRAWINGS.
- CONTRACTOR SHALL PROVIDE ALL OPENINGS IN WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILINGS, ETC SHALL BE MAINTAINED.
- CONTRACTOR SHALL CORE DRILL OR SAW CUT OPENINGS IN EXISTING WALLS, ROOF, FLOORS, AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW EQUIPMENT, PIPING, DUCTWORK, ETC AS REQUIRED FOR THE SCOPE OF WORK.
- CONTRACTOR SHALL PATCH GYPSUM BOARD CEILINGS AND WALLS AT LOCATIONS OF REMOVED ITEMS. FINISH TO MATCH EXISTING. PREPARE SURFACE AS REQUIRED TO RECEIVE NEW FINISH.
- THE CONSTRUCTION CONTRACTOR IS RESPONSIBLE TO PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT SURFACES BY DEMOLITION OPERATIONS, AT NO ADDITIONAL COST TO THE HOSPITAL/VA MEDICAL CENTER.
- PATCH AND SPACKLE ALL EXISTING PAINTED CEILINGS AND WALLS AND SAND TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
- ALL ELECTRICAL DEMOLITION AND REWIRING SHALL BE COMPLETED BY A LICENSED AND BONDED ELECTRICIAN.
- ALL EXPOSED CONDUIT & SURFACE MOUNTED DEVICES TO BE REMOVED IN THEIR ENTIRETY BACK TO THE NEAREST JUNCTION BOX TO REMAIN.
- CONTRACTOR SHALL REMOVE ALL DOOR HARDWARE LOCKSETS AND RETURN BACK TO VA POLICE.

DEMOLITION WORK NOTES:

- REMOVE EXISTING DOUBLE DOORS. PERFORM TASK DURING OFF-HOURS TO ENABLE USERS ACCESS TO INTERNAL ROOMS DURING THE WORK DAY. FOLLOW INFECTION CONTROL PROCEDURES BY USING PLASTIC SHEETING TO PREVENT THE SPREAD OF DUST.
- CUT HOLE FOR INSTALLATION OF NEW DOOR FRAME AND DOOR. KEEP OPENING SEALED AT ALL TIMES DURING CONSTRUCTION AND DEMOLITION EXCEPT WHEN INSTALLING DOOR. REMOVE ELECTRICAL/DATA DEVICES AND CIRCUITS AS NECESSARY.
- BUILD NEW 2 HOUR FIRE RATED WALL UP TO THE CEILING SLAB TO BE USED AS CONSTRUCTION BARRIER. FOLLOW INFECTION CONTROL PROCEDURES BY USING PLASTIC SHEETING TO PREVENT THE SPREAD OF DUST DURING CONSTRUCTION OF BARRIER. MODIFY AND REPAIR EXISTING CEILINGS IN CORRIDOR AS NECESSARY.
- INSTALL TWO 36" CONSTRUCTION DOORS TO BE USED FOR INFECTION CONTROL ANTEROOM. REMOVE ANTEROOM DURING CONSTRUCTION PHASE AND REPLACE WITH A NEW 48" DOOR AS INDICATED ON AE-01.
- REMOVE EXISTING INTERNAL WALLS AND REMOVE ALL ELECTRICAL/DATA RECEPTACLES/DEVICES ON OR WITHIN WALLS. DEMOLISH SHARED CIRCUITS BACK TO THE CLOSEST JUNCTION BOX TO REMAIN. DEMOLISH UNUSED CIRCUITS BACK TO ELECTRICAL PANEL OR DATA PATCH PANEL.
- REMOVE EXISTING INTERNAL DOORS ALONG WITH DOOR FRAME. RETURN DOOR HARDWARE TO VA POLICE.
- REMOVE FLOORING FROM HATCHED AREA SHOWN AND PREPARE FOR INSTALLATION OF NEW FLOOR

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title	Project Title	Project Number	Office of Facility Management Service
			Associate Director Approval	DEMOLITION PLAN	EXPAND SPINAL CORD RESEARCH	526-16-106	
			Chief Nurse Executive / Chief of Staff Approval		Location	Building Number	
			PCC Director Approval	Chief Engineer Approval	Bronx, New York	100	
DESCRIPTION	DATE		Safety Manager Approval		Date	Drawing Number	
					08/26/15	AD-1	
					xxx	Dwg. 4 of 16	
					DN		



IF THIS SHEET IS NOT 24" x 36"
FULL SIZE, USE GRAPHIC SCALES

GENERAL NOTES:

1.

ALL NEW WORK SHALL COMPLY WITH ALL STATE AND LOCAL GOVERNING CODES.
2.

ALL NEW WORK SHALL BE IN ACCORDANCE TO O.S.H.A.'S REGULATIONS.
3.

ALL NEW WORK SHALL COMPLY WITH THE HOSPITAL'S/VA MEDICAL CENTER'S REQUIREMENTS.
4.

ALL WORK TO BE PERFORMED SHALL BE COORDINATED TO MAINTAIN CONTINUED OPERATION OF AREA.
5.

ALL CODE REQUIRED EGRESS PATHS MUST BE MAINTAINED AT ALL TIMES DURING DEMOTION AND CONSTRUCTION PHASES.
6.

ALL DIMENSIONS ARE FROM FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD, UNLESS OTHERWISE NOTED.
7.

INTERIM LIFE SAFETY MEASURES MUST BE PERFORMED PRIOR TO STARTING CONSTRUCTION IN A PARTICULAR PHASE. EXISTING EXIT SIGNS MUST BE COVERED AS EXITS ARE TEMPORARILY INACCESSIBLE WHILE WORK IS BEING PERFORMED IN THAT AREA.
8.

CONTRACTOR MUST COMPLY WITH VA INFECTION CONTROL REGULATIONS AND INTERIM LIFE SAFETY. ALL DEBRIS BEING REMOVED FROM CONSTRUCTION AREA MUST BE SEALED IN A CLEAN GARBAGE BAG PRIOR TO LEAVING CONSTRUCTION AREA. REFER TO SHEET IC-01 AND VA INFECTION CONTROL REQUIREMENTS.
9.

REFER TO DEMOLITION PLAN ON SHEET AD-01 FOR LOCATIONS OF DUST TIGHT CONSTRUCTION PARTITIONS AND DOORS.
10.

REFER TO MECHANICAL, PLUMBING, ELECTRICAL, STRUCTURAL, SPRINKLER DRAWINGS ETC FOR WORK TO BE PERFORMED.
11.

THE CONTRACTOR SHALL FIRE SAFE ALL OPENINGS IN INTERIOR WALLS, FLOORS AND CEILINGS AS REQUIRED TO MAINTAIN ALL EXISTING RATINGS.
12.

THE CONTRACTOR SHALL SEAL AROUND ALL PENETRATIONS THROUGH EXTERIOR WALLS TO PROVIDE AND MAINTAIN WEATHER-TIGHTNESS OF EXTERIOR WALL.
13.

ALL PENETRATIONS MADE THROUGH SMOKE AND FIRE WALLS MUST BE PATCHED, SLEEVED FIRE SAFED AND SEALED DAILY WITH LISTED/RATED FIRE STOPPING MATERIAL IN ORDER TO MAINTAIN RATING.
14.

THE CONTRACTOR TO PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILINGS ETC SHALL BE MAINTAINED AT ALL TIMES. FIRE SAFE/FIRE SEAL ALL NEW AND EXISTING PIPES AND OTHER PENETRATIONS AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
15.

THE CONTRACTOR SHALL FIRE SAFE/SEAL DAILY ALL NEW AND EXISTING PIPES AND OTHER PENETRATIONS AT ALL CONCRETE SLAB LOCATIONS WITH A 2 HR FIRE RATING MIN.
16.

THE CONTRACTOR IS RESPONSIBLE IN OBTAINING ALL NECESSARY PERMITS AND PAYING ALL INSPECTION FEES, AND SIGN OFFS FOR THE PROJECT.
17.

THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE ALL DRAWINGS PRIOR TO BIDDING TO DETERMINE THE SCOPE OF WORK.
18.

THE CONTRACTOR SHALL VERIFY ALL EXACT DIMENSIONS OF THE ENTIRE AREA OF WORK PRIOR TO BIDDING, DEMOLITION, CONSTRUCTION AND FIXTURE INSTALLATIONS. THE CONTRACTOR SHALL NOTIFY THE VA IMMEDIATELY OF ANY DIMENSIONAL DISCREPANCIES THAT PROHIBIT NEW WORK FROM PROPER INSTALLATION.
19.

THE CONSTRUCTION CONTRACTOR IS RESPONSIBLE TO PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT SURFACES BY DEMOLITION OPERATIONS, AT NO ADDITIONAL COST TO THE OWNER.
20.

NO CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.
21.

THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND EQUIPMENT NECESSARY FOR DEMOLITION OPERATIONS AND PROTECT OPERATIONS FOR PERSONNEL.
22.

THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR SECURE AND SAFE STORAGE OF ALL MATERIALS TO BE REUSED/RELOCATED AS INDICATED ON THE PLANS.
23.

REMOVALS SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DAMAGE TO EXISTING MATERIALS, IN A CAREFUL MANNER WITHOUT UNNECESSARY NOISE, DUST OR OTHER DISTURBANCE TO PERSONNEL.
24.

THE CONTRACTOR TO PROVIDE HEPA NEGATIVE PRESSURE MACHINE INSIDE EACH CONSTRUCTION AREA. LOCATION OF EXHAUST TO BE COORDINATED WITH CONTRACTING OFFICER REPRESENTATIVE.
25.

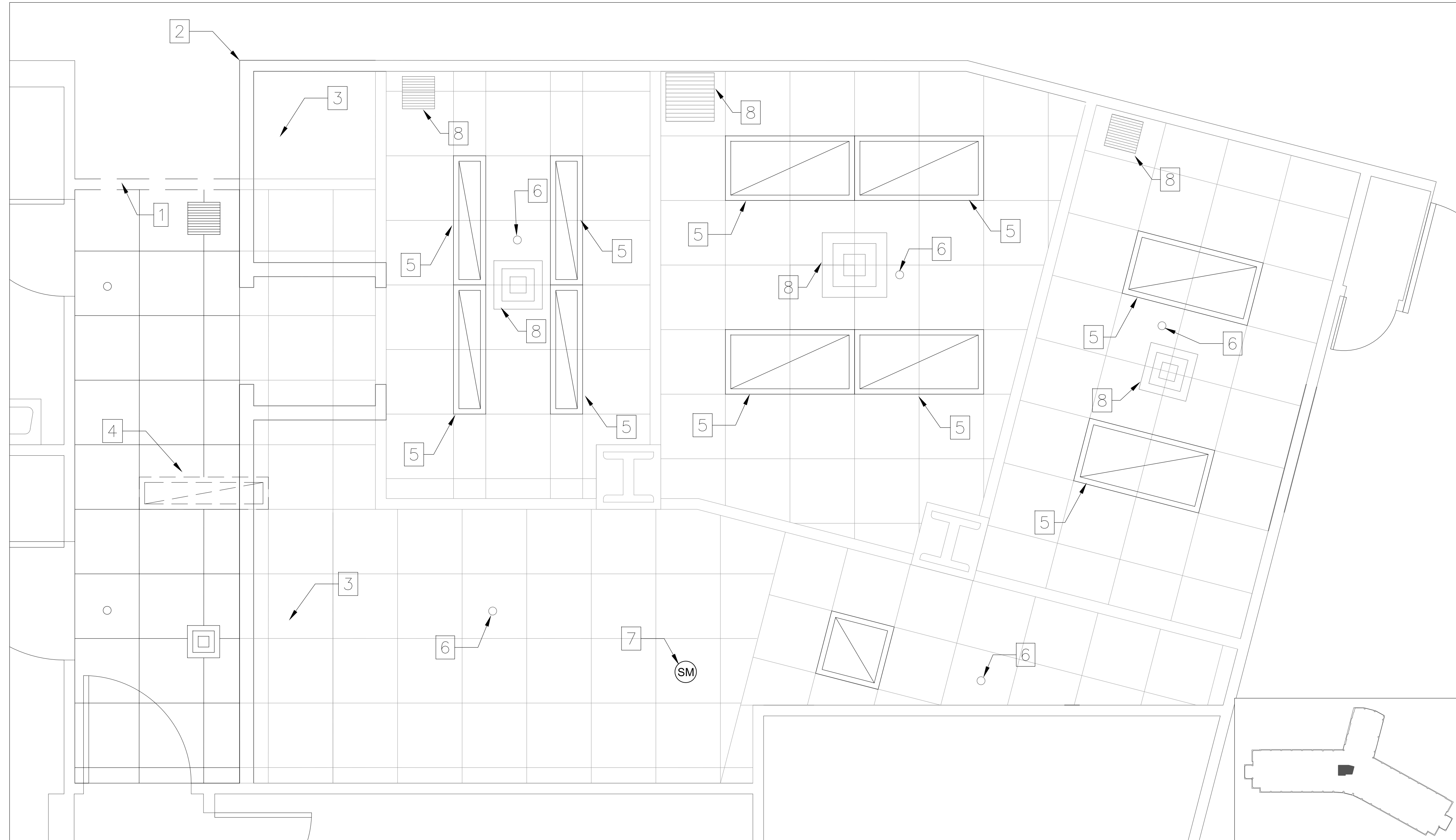
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26.

THE CONTRACTOR SHALL PROVIDE DUST TIGHT CONSTRUCTION PARTITIONS AND DOOR AS REQUIRED FOR EACH PHASE. COORDINATE WITH CONTRACTING OFFICER REPRESENTATIVE. REFER TO DEMOLITION PLANS ON SHEET AD-01 FOR LOCATION OF PROPOSED CONSTRUCTION WALL AND DOOR.
27.

THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL ROOMS, TOILETS, CORRIDORS ETC OF DUST AND DEBRIS PRIOR TO COMPLETION OF THE WORK.
28.

ALL REMOVALS SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DAMAGE WITHOUT UNNECESSARY NOISE, DUST OR OTHER DISTURBANCE TO PERSONNEL.
29.

THE CONTRACTOR SHALL SURVEY THE EXISTING STEEL AND DETERMINE IF SPRAY ON FIRE PROOFING EXISTS. THE CONTRACTOR SHALL REPORT ALL FINDINGS BACK TO THE VA. THE VA SHALL DETERMINE IF SPRAY ON FIRE PROOFING IS NEEDED. THE CONTRACTOR SHALL THEN PROVIDE NEW FIRE PROOFING AS REQUIRED THAT MEETS ALL GOVERNING CODES.



2 CEILING DEMOLITION PLAN
AD-02 1/2"=1'-0"

DEMOLITION NOTES:

1.

PATCH AND REPAIR ALL EXISTING WALLS AND GYPSUM BOARD CEILINGS THAT HAVE BEEN ALTERED DURING DEMOLITION OR HAVE BEEN REMOVED AS REQUIRED FOR NEW INSTALLATION OF ITEMS. SAND WALLS AND CEILINGS TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
2.

PATCH ALL EXISTING WALLS WHICH WILL REMAIN AND BE EXPOSED TO VIEW AND WHERE ITEMS HAVE BEEN REMOVED. PATCH MATERIAL TO BE SAME AS SUBSTRATE. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
3.

CUT OPENINGS IN WALLS, FLOORS, CEILINGS, ETC WHERE SHOWN OR WHERE NECESSARY FOR INSTALLATION OF NEW WORK SUCH AS MECHANICAL, ELECTRICAL, PLUMBING, ETC. REVIEW AND COORDINATE LOCATIONS AS INDICATED ON ELECTRICAL, PLUMBING AND HVAC DRAWINGS.
4.

CONTRACTOR SHALL PROVIDE ALL OPENINGS IN WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILINGS, ETC SHALL BE MAINTAINED.
5.

CONTRACTOR SHALL CORE DRILL OR SAW CUT OPENINGS IN EXISTING WALLS, ROOF, FLOORS, AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW EQUIPMENT, PIPING, DUCTWORK, ETC AS REQUIRED FOR THE SCOPE OF WORK.
6.

CONTRACTOR SHALL PATCH GYPSUM BOARD CEILINGS AND WALLS AT LOCATIONS OF REMOVED ITEMS. FINISH TO MATCH EXISTING. PREPARE SURFACE AS REQUIRED TO RECEIVE NEW FINISH.
7.

THE CONSTRUCTION CONTRACTOR IS RESPONSIBLE TO PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT SURFACES BY DEMOLITION OPERATIONS, AT NO ADDITIONAL COST TO THE HOSPITAL/VA MEDICAL CENTER.
8.

PATCH AND SPACKLE ALL EXISTING PAINTED CEILINGS AND WALLS AND SAND TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
9.

ALL ELECTRICAL DEMOLITION AND REWIRING SHALL BE COMPLETED BY A LICENSED AND BONDED ELECTRICIAN.
10.

ALL EXPOSED CONDUIT & SURFACE MOUNTED DEVICES TO BE REMOVED IN THEIR ENTIRETY BACK TO THE NEAREST JUNCTION BOX TO REMAIN.
11.

CONTRACTOR SHALL REMOVE ALL DOOR HARDWARE LOCKSETS AND RETURN BACK TO VA POLICE.

DEMOLITION WORK NOTES:

- 1

CREATE 12" SOFFIT FROM EXISTING WALL AND DOOR OPENING. JOIN WITH NEW CONSTRUCTION BARRIER AND PATCH FOR FINISH
- 2

REPAIR ACT CEILINGS ON SIDE OF CONSTRUCTION BARRIER NOT FOR RENOVATION.
- 3

DEMOLISH ALL CEILINGS ON SIDE OF CONSTRUCTION BARRIER MARKED FOR DEMOLITION AS SHOWN IN DRAWING AD-01.
- 4

EXISTING CORRIDOR CEILING GRID AND DEVICES REMAIN. RELOCATE EXISTING LIGHT TO LOCATION SHOWN ON REFLECTED CEILING PLAN DRAWING AE-02.
- 5


DEMOLISH EXISTING LIGHTS IN DEMOLITION AREA. REMOVE ASSOCIATED CONDUIT AND WIRES BACK TO THE NEAREST JUNCTION BOX OUTSIDE OF DEMOLITION AREA.
- 6

DEMOLISH EXISTING SPRINKLER HEADS AND DROP NIPPLES AS SHOWN. INSTALL NEW HEADS IN LOCATION SHOWN ON DRAWING FP-01. REUSE EXISTING BRANCH PIPING IF POSSIBLE.
- 7

DEMOLISH EXISTING SMOKE DETECTOR. CONTRACT VA FIRE ALARM COMPANY ISPI TO REMOVE DEVICE FROM MASTER DEVICE LIST.
- 8

DEMOLISH SUPPLY DIFFUSERS AND RETURN GRILLES IN DEMOLITION AREA. DEMOLISH ASSOCIATED DUCTWORK AS SHOWN ON DRAWING MD-01

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title CEILING DEMOLITION PLAN	Project Title EXPAND SPINAL CORD RESEARCH	Project Number 526-16-106		Office of Facility Management Service
			Associate Director Approval			Building Number 100		
			Chief Nurse Executive / Chief of Staff Approval	Chief Engineer Approval	Location Bronx, New York		Drawing Number A-1	Dwg. 5 of 16
			PCC Director Approval	Safety Manager Approval	Date 08/26/15	Checked xxx	Drawn DN	
DESCRIPTION	DATE							

 DEPARTMENT OF
VETERANS AFFAIRS

one-eighth inch = one foot
one-quarter inch = one foot
three-eighths inch = one foot
one-half inch = one foot
three-quarter inch = one foot
one inch = one foot

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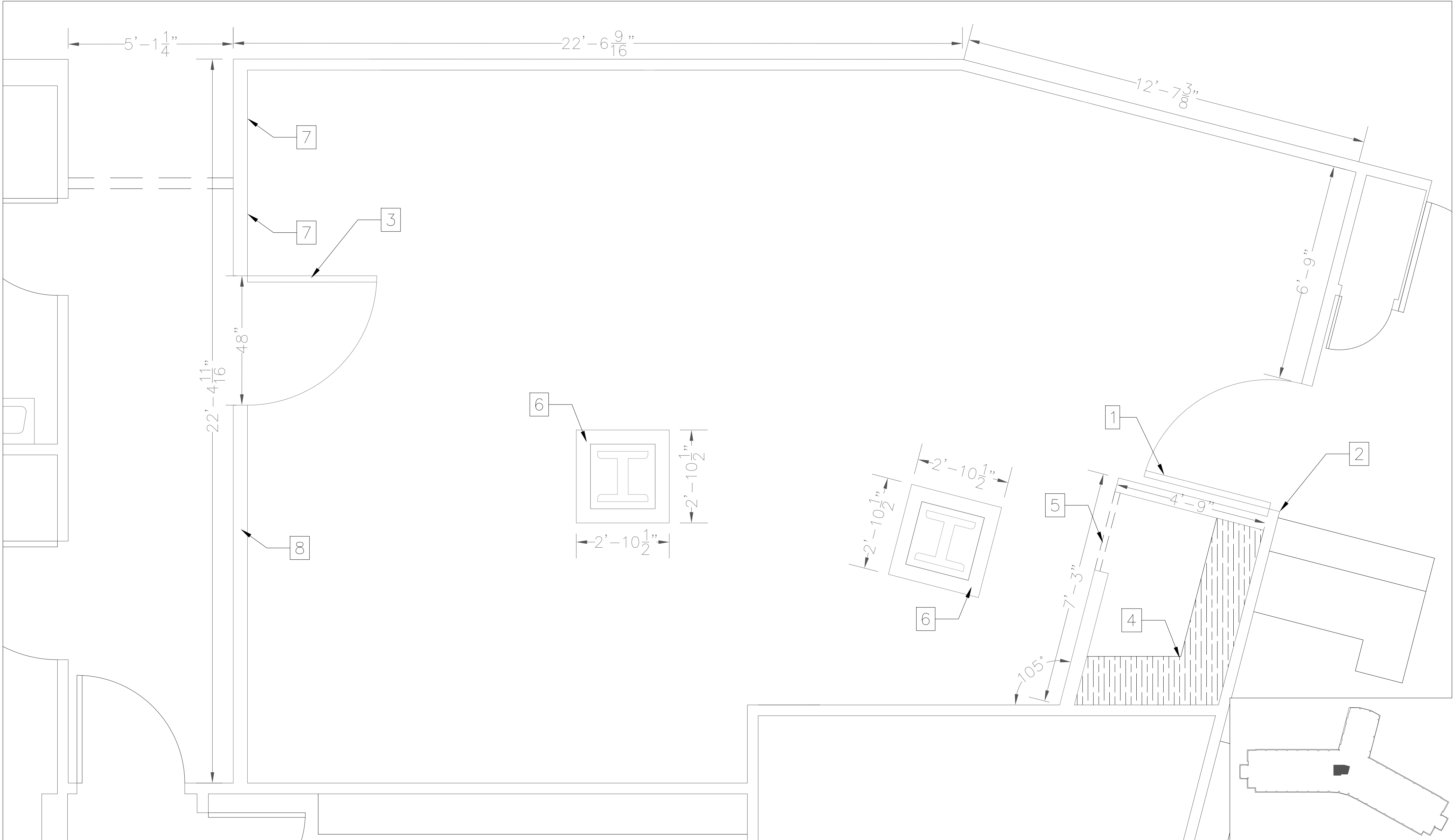
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CONSTRUCTION NOTES:

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- THE CONTRACTOR SHALL PATCH ALL EXISTING WALLS WHICH WILL REMAIN AND BE EXPOSED TO VIEW AND WHERE ITEMS HAVE BEEN REMOVED. PATCH MATERIAL TO BE SAME AS SUBSTRATE. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
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- THE CONTRACTOR SHALL REMOVE EXISTING CEILINGS IN AREAS THAT ARE NOT INDICATED TO RECEIVE NEW CEILINGS AS REQUIRED FOR THE INSTALLATION OF NEW MECHANICAL, ELECTRICAL, PLUMBING WORK ETC. REFER TO DRAWINGS FOR WORK TO BE INSTALLED. REINSTALL, PATCH OR INSTALL NEW CEILINGS TO MATCH EXISTING AS REQUIRED AFTER INSTALLATION OF NEW WORK IS COMPLETED. PROVIDE DUST OR TEMPORARY CONSTRUCTION PARTITIONS AS DIRECTED BY CONTRACTING OFFICER REPRESENTATIVE.
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- ALL ELECTRICAL DEMOLITION AND REWIRING SHALL BE COMPLETED BY A LICENSED AND BONDED ELECTRICIAN.
- ALL NEW WIRING SHALL BE INSTALLED WITHIN EXISTING WALLS, CEILINGS ETC. NO WIRING IS TO BE SURFACE MOUNTED OR RUN EXPOSED. CONTRACTOR SHALL PROVED ALL OPENINGS IN INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. FINAL APPROVAL OF PATCHED AREAS SHALL BE BY VA CONTRACTING OFFICER. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILING ETC SHALL BE MAINTAINED.
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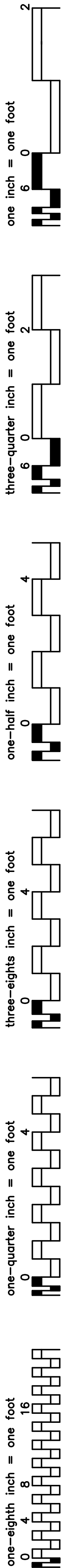
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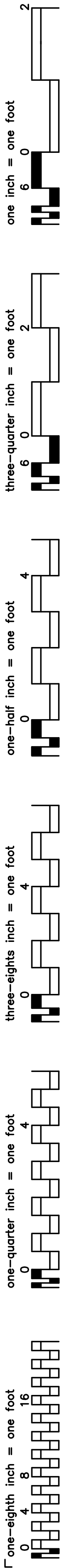
- INSTALL NEW 48" HM DOOR FRAME AND SOLID CORE WOOD DOOR WITH 4"x25" SAFETY GLASS VISION PANEL.
- ENSURE NEW HM DOOR FRAME DOES NOT INTERFERE WITH EXISTING RECEPTION DESK.
- REMOVE ANTEROOM AFTER ACOUSTICAL CEILING TILES HAVE BEEN INSTALLED AND MODIFY OPENING AND INSTALL A NEW SOLID CORE WOOD DOOR WITH 4'X25' SAFETY GLASS VISION PANEL. CONVERT REMAINING CONSTRUCTION BARRIER TO FINISHED WALL.
- INSTALL 18" DEEP X 30" HIGH WOOD BOOK SHELVES UP TO 60" AFF.
- INSTALL 30" WIDE POCKET DOOR FOR CLOSET.
- BUILD OUT COLUMNS AND INSTALL METAL BACKING FOR WALL MOUNTED EQUIPMENT. COORDINATE WITH VA FOR EQUIPMENT MOUNTING REQUIREMENTS.
- INSTALL METAL BACKING FOR WALL MOUNTED COMPUTER BRACKETS.
- PATCH, SAND, AND FINISH WALL USED AS CONSTRUCTION BARRIER FOR PAINT AS SPECIFIED ON FINISH SCHEDULE.



1 CONSTRUCTION PLAN
AE-01 1/2"=1'-0"

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title ARCHITECTURAL PLAN	Project Title EXPAND SPINAL CORD RESEARCH			Project Number 526-16-106	Office of Facility Management Service
			Associate Director Approval					Building Number 100	
			Chief Nurse Executive / Chief of Staff Approval	Chief Engineer Approval	Location Bronx, New York	Drawing Number A-1			
			PCC Director Approval	Safety Manager Approval	Date 08/26/15	Checked xxx	Drawn DN	Dwg. 6 of 16	
DESCRIPTION			DATE						





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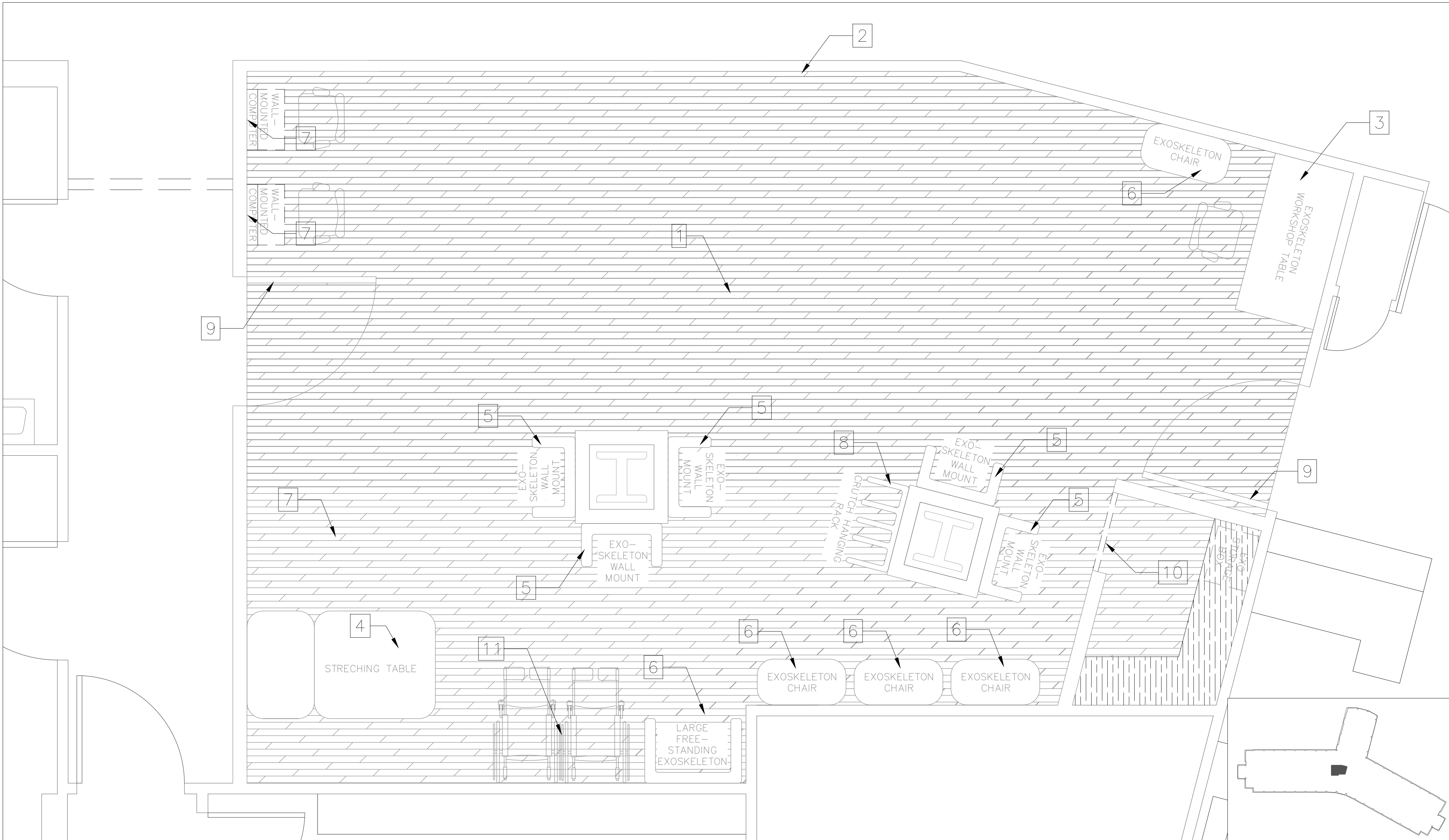
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CONSTRUCTION NOTES:

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- THE CONTRACTOR SHALL PATCH AND SPACKLE ALL EXISTING PAINTED CEILINGS AND WALLS AND SAND TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
- ALL ELECTRICAL DEMOLITION AND REWIRING SHALL BE COMPLETED BY A LICENSED AND BONDED ELECTRICIAN.
- ALL NEW WIRING SHALL BE INSTALLED WITHIN EXISTING WALLS, CEILINGS ETC. NO WIRING IS TO BE SURFACE MOUNTED OR RUN EXPOSED. CONTRACTOR SHALL PROVED ALL OPENINGS IN INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. FINAL APPROVAL OF PATCHED AREAS SHALL BE BY CONTRACTING OFFICERS REPRESENTATIVE.
- ALL NEW JUNCTION BOXES, DEVICES AND COVER PLATES SHALL BE RECESSED INTO NEW/EXISTING WALL CONSTRUCTION AND RECESSED IN NEW/EXISTING CEILINGS. THE CONTRACTOR SHALL PROVIDE ALL OPENINGS IN WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. FINAL APPROVAL OF PATCHED AREAS SHALL BE BY CONTRACTING OFFICERS REPRESENTATIVE. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILING ETC SHALL BE MAINTAINED.
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FINISH SCHEDULE:

- FLOORING:** LUXURY VINYL STRIPS, USE MANNINGTON ANTICO OR EQUIVALENT, COLOR TO MATCH EXISTING SPINAL CORD RESEARCH SUITE.
- WALLS:** WATER-BASED LATEX PAINT, USE BENJAMIN MOORE REGAL OR EQUIVALENT, COLOR TO MATCH EXISTING SPINAL CORD RESEARCH SUITE
- WORKSHOP TABLE:** TO BE SUPPLIED BY VA.
- STRETCHING TABLE:** TO BE SUPPLIED BY VA.
- EXOSKELETON WALL MOUNT:** SUPPLIED BY VA AND INSTALLED BY CONTRACTOR. ENSURE PROPER BACKING IN WALLS FOR WALL MOUNT SUPPORT.
- EXO-SKELETON CHAIR/FRAME:** SUPPLIED BY VA. ENSURE ELECTRICAL OUTLETS FALL IN CHAIR FOOTPRINT.
- PRIVACY CURTAINS:** VINYL CURTAIN WITH 18" TOP MESH, USE MEDLINE OR EQUIVALENT, COLOR TO BE SELECTED BY USER DURING SUBMITTAL PERIOD.
- CRUTCH RACK:** 33" LONG X 6" WIDE X 17" DEEP, USE SAMMONS PRESTON SNRC7297 OR EQUIVALENT.
- ENTRANCE AND EXIT DOOR:** 48" WIDE X 84" HIGH SOLID CORE WOOD DOORS. SUPPLY FULL MORTISE BEST 45H SERIES (SFIC COMPATIBLE) LOCKSET WITH OFFICE FUNCTIONALITY, THREE 4.5"x4.5" BUTT HINGES, 3 SILENCERS, A DOOR STOP, AND A DOOR HOLDER WITH HOLD OPEN CAPABILITY FOR EACH DOOR.
- CLOSET POCKET DOOR:** 30" WIDE X 80" HIGH SOLID CORE WOOD INTERIOR SLAB DOOR TO BE USED AS CLOSET POCKET DOOR. SUPPLY POCKET DOOR FRAME IN WALL AND ALL HARDWARE NECESSARY FOR APPLICATION. NO LOCKING HARDWARE IS REQUIRED.
- SPACE ALLOCATED FOR WHEEL CHAIR STORAGE, SHOWN FOR REFERENCE.



1 FURNITURE AND FINISH PLAN
IF-01 1/2"=1'-0"

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title	Project Title	Project Number	Office of Facility Management Service
			Associate Director Approval	FURNITURE AND FINISH PLAN	EXPAND SPINAL CORD RESEARCH	526-16-106	
			Chief Nurse Executive / Chief of Staff Approval	Chief Engineer Approval	Location	Building Number	
			PCC Director Approval	Safety Manager Approval	Bronx, New York	100	
DESCRIPTION	DATE				Date	Checked	Drawing Number
					08/26/15	xxx	A-1
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one-quarter inch = one foot
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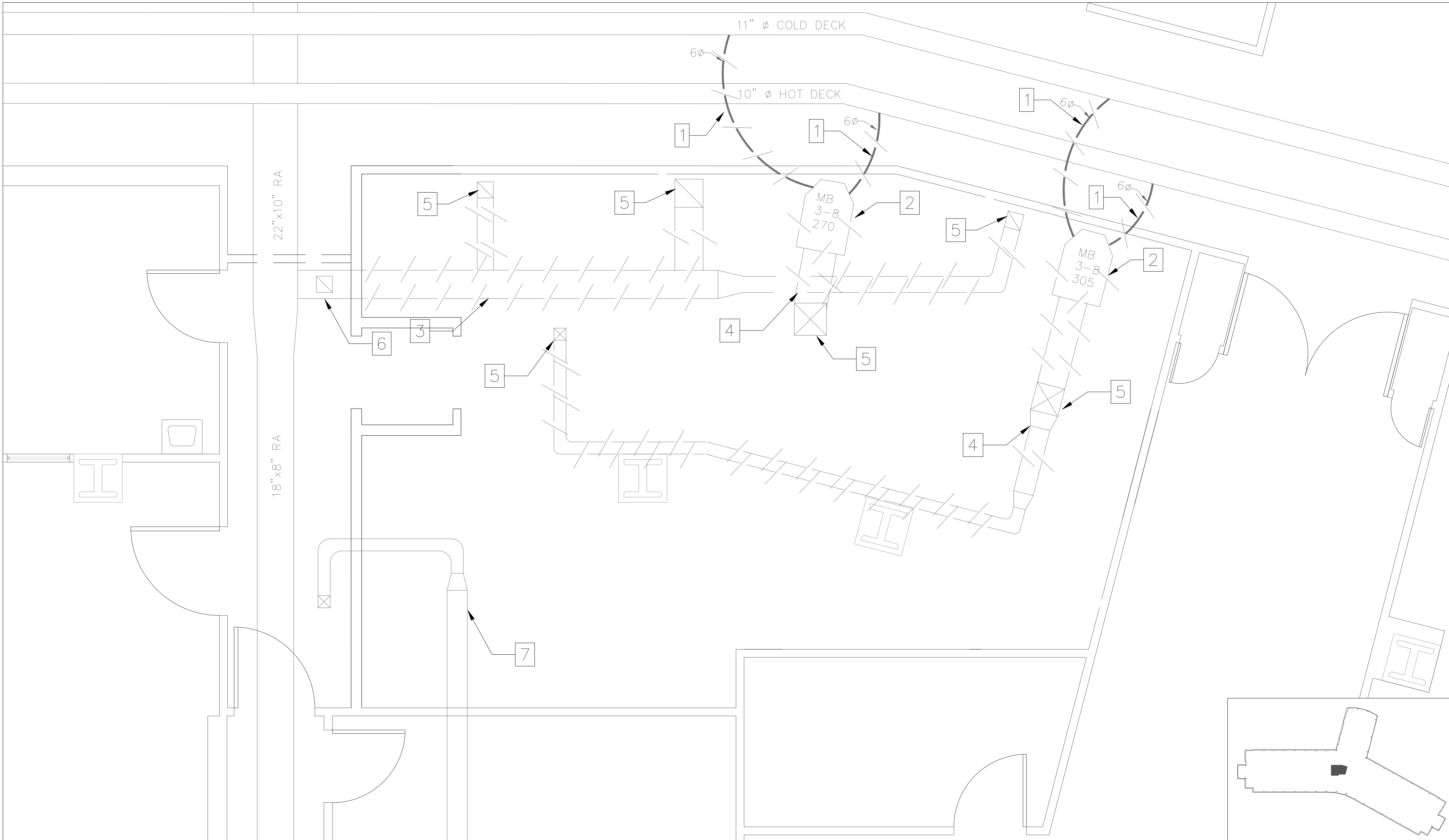
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- CONTRACTOR SHALL REMOVE ALL DOOR HARDWARE LOCKSETS AND RETURN BACK TO VA POLICE.

MECHANICAL DEMOLITION NOTES:

- DEMOLISH HOT AND COLD DECK BRANCH DUCTWORK AND CAP AT MAINS.
- DEMOLISH EXISTING MIXING BOXES, ASSOCIATED SUPPORTS, THERMOSTATS, AND TUBING.
- DEMOLISH EXISTING RETURN BRANCH SERVING DEMOLITION AREA. CAP DUCTWORK BEYOND THE CONSTRUCTION BARRIER.
- DEMOLISH EXISTING SUPPLY DUCTWORK AFTER MIXING BOXES.
- DEMOLISH SUPPLY AND RETURN DROPS AND REMOVE EXISTING DIFFUSERS AND GRILLES.
- EXISTING RETURN BRANCH DUCTWORK BEYOND CONSTRUCTION BARRIER TO REMAIN.
- EXISTING SUPPLY DUCTWORK SERVING EXISTING CORRIDOR TO REMAIN.



1 MECHANICAL DEMOLITION PLAN
MD-01 1/2"=1'-0"

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval		Drawing Title		Project Title		Project Number		Office of Facility Management Service		
					MECHANICAL DEMOLITION PLAN		EXPAND SPINAL CORD RESEARCH		526-16-106				
			Associate Director Approval						Building Number				
					Chief Nurse Executive / Chief of Staff Approval		Chief Engineer Approval		Location			Drawing Number	
									Bronx, New York			A-1	
DESCRIPTION			PCC Director Approval		Safety Manager Approval		Date	Checked	Drawn	Dwg. 9 of 16	 DEPARTMENT OF VETERANS AFFAIRS		
DATE							05/22/15	xxx	DN				

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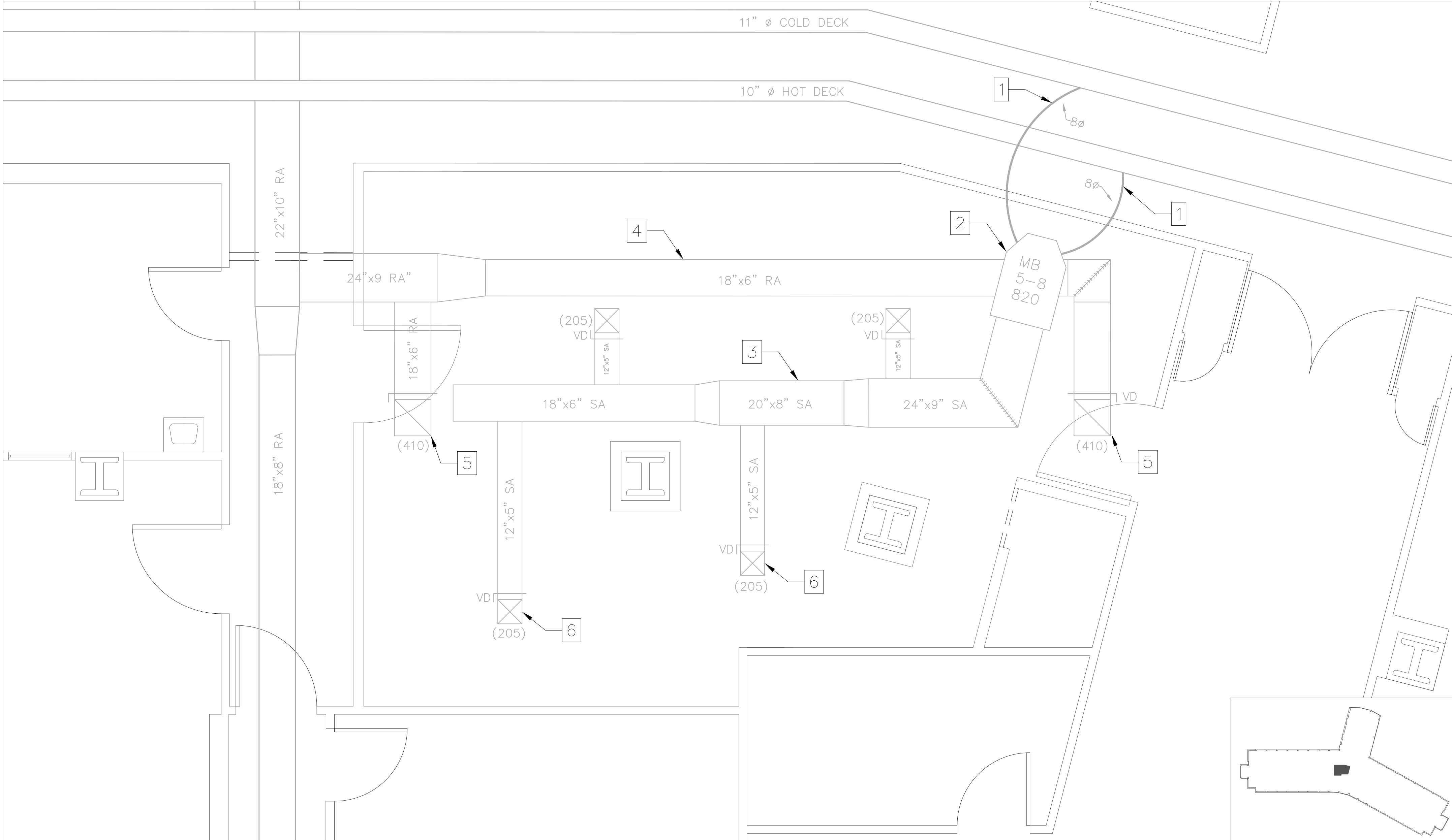
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- THE CONTRACTOR SHALL PATCH AND SPACKLE ALL EXISTING PAINTED CEILINGS AND WALLS AND SAND TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
- ALL ELECTRICAL DEMOLITION AND REWIRING SHALL BE COMPLETED BY A LICENSED AND BONDED ELECTRICIAN.
- ALL NEW WIRING SHALL BE INSTALLED WITHIN EXISTING WALLS, CEILINGS ETC. NO WIRING IS TO BE SURFACE MOUNTED OR RUN EXPOSED. CONTRACTOR SHALL PROVED ALL OPENINGS IN INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. FINAL APPROVAL OF PATCHED AREAS SHALL BE BY VA CONTRACTING OFFICER. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILING ETC SHALL BE MAINTAINED.
- ALL EXPOSED CONDUIT & SURFACE MOUNTED DEVICES TO BE REMOVED IN THEIR ENTIRETY BACK TO THE NEAREST ELECTRICAL JUNCTION BOX TO REMAIN.

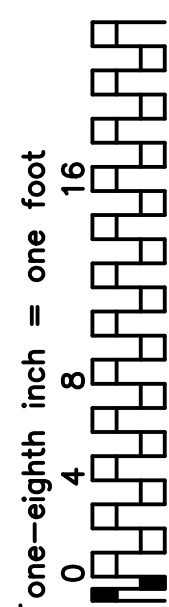
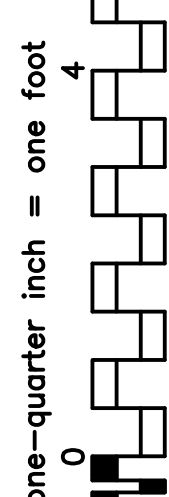
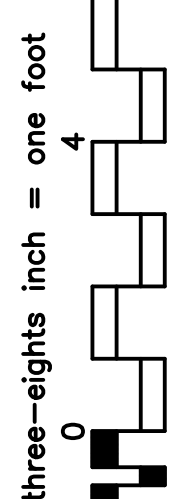
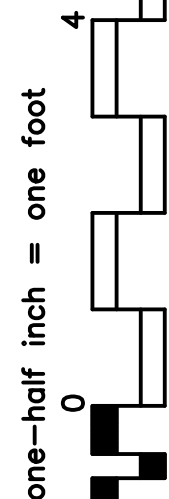
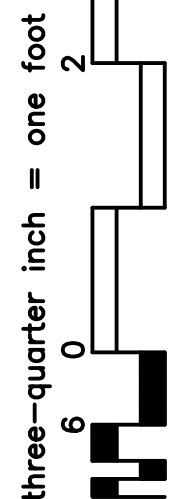
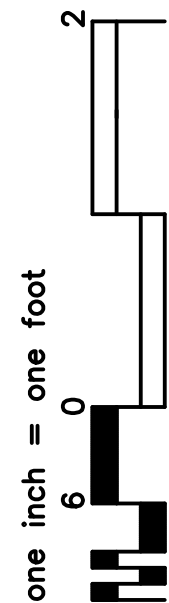
MECHANICAL WORK NOTES:

- NEW 8" DIAMETER ROUND BRACH DUCTWORK FOR HOT AND COLD DECK INLET OF NEW MIXING BOX.
- NEW 8" DIAMETER INLET DUAL DUCT CONSTANT VOLUME AIR TERMINAL UNIT WITH CAPACITY OF 820 CFM OR GREATER AND JCI NS-BTB 7001-0 OR COMPATIBLE DIGITAL THERMOSTAT . DESIGN BASED ON ANEMOSTAT DU-1.
- NEW RECTANGULAR GALVANIZED SUPPLY AIR DUCTWORK WITH SIZES AS SHOWN. SEE SPECIFICATIONS FOR THICKNESS ACCORDING TO PRESSURE CLASS AND INSTALLATION REQUIREMENTS.
- NEW RETURN AIR BRANCH DUCTWORK WITH SIZES AS SHOWN. CONNECT TO EXISTING 22"x10" RETURN AIR DUCTWORK ABOVE EXISTING CORRIDOR.
- NEW RETURN AIR TAKE-OFFS. USE FLEXIBLE AIR DUCT CONNECTORS FROM RECTANGULAR DUCTWORK DOWN TO RETURN GRILLES. RETURN GRILLES TO BE 24"x24" WITH 12" DIAMETER NECK.
- NEW SUPPLY AIR TAKE-OFFS. USE FLEXIBLE AIR DUCT CONNECTORS FROM RECTANGULAR DUCTWORK DOWN TO SUPPLY DIFFUSERS. SUPPLY DIFFUSERS TO BE 4-WAY 3 CONE DIFFUSER, 24"x24" WITH 8" DIAMETER NECK.

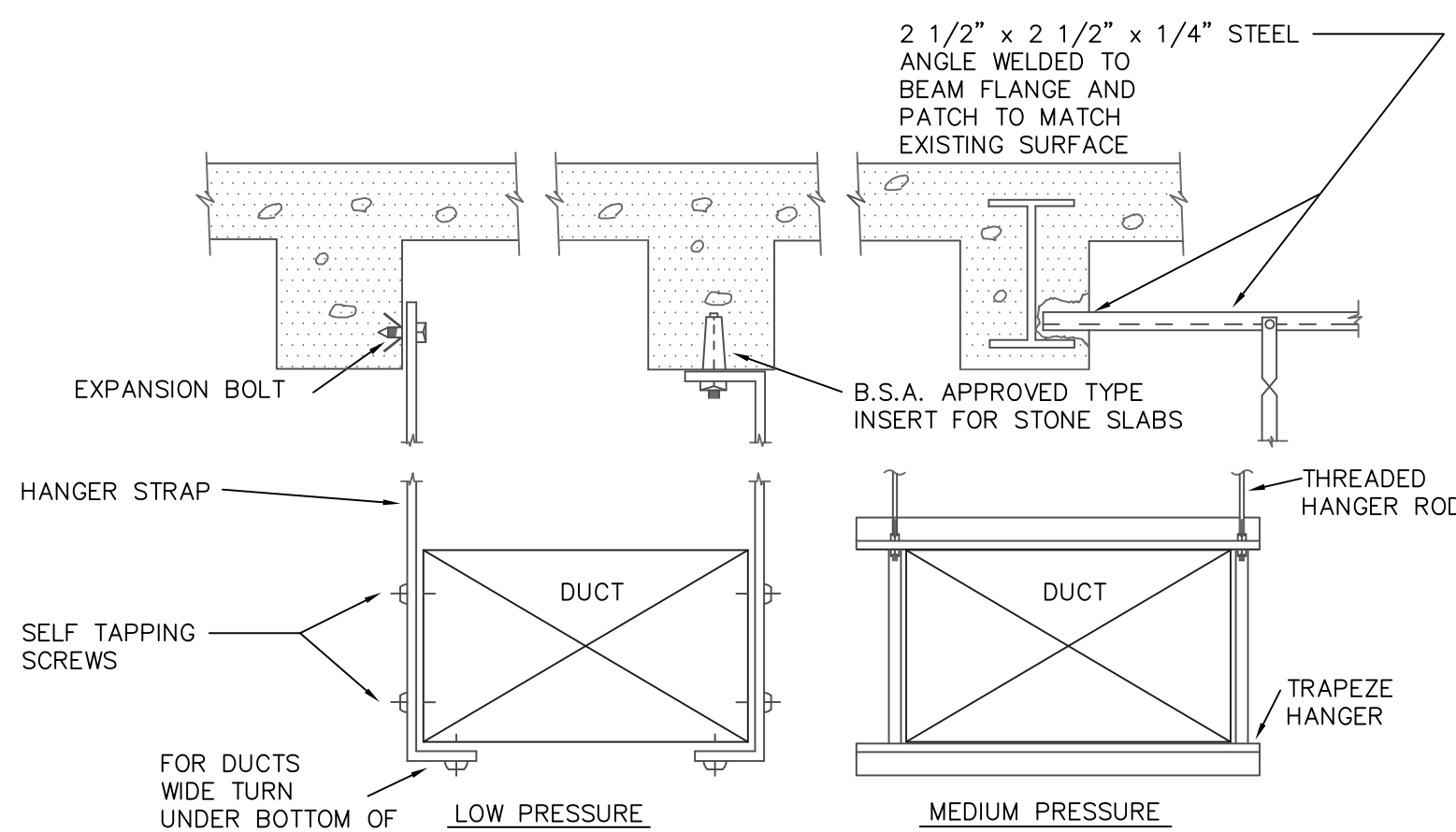


1 MECHANICAL WORK PLAN
MH-01 1/2"=1'-0"

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title MECHANICAL PLAN	Project Title EXPAND SPINAL CORD RESEARCH			Project Number 526-16-106		Office of Facility Management Service	
			Associate Director Approval					Building Number 100			
				Chief Engineer Approval			Location Bronx, New York		Drawing Number A-1		
			Chief Nurse Executive / Chief of Staff Approval								
				Safety Manager Approval			Date 05/22/15	Checked xxx	Drawn DN		Dwg. 10 of 16
			PCC Director Approval								
DESCRIPTION	DATE									 DEPARTMENT OF VETERANS AFFAIRS	



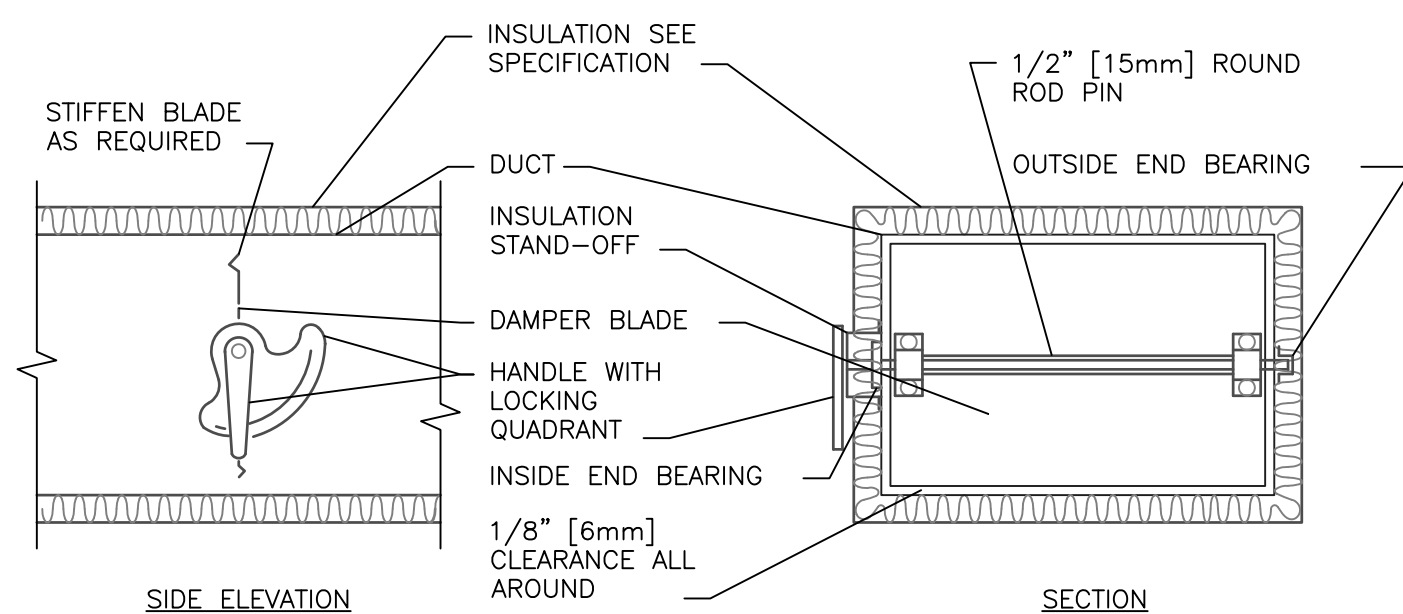
IF THIS SHEET IS NOT 24" x 36"
FULL SIZE, USE GRAPHIC SCALES



NOTE:
DISTANCE BETWEEN DUCTS
HANGERS SHALL BE IN
ACCORDANCE WITH RS-13-1
OF NYC BLDG. CODE

1 METHOD OF HANGING DUCT WORK

NTS

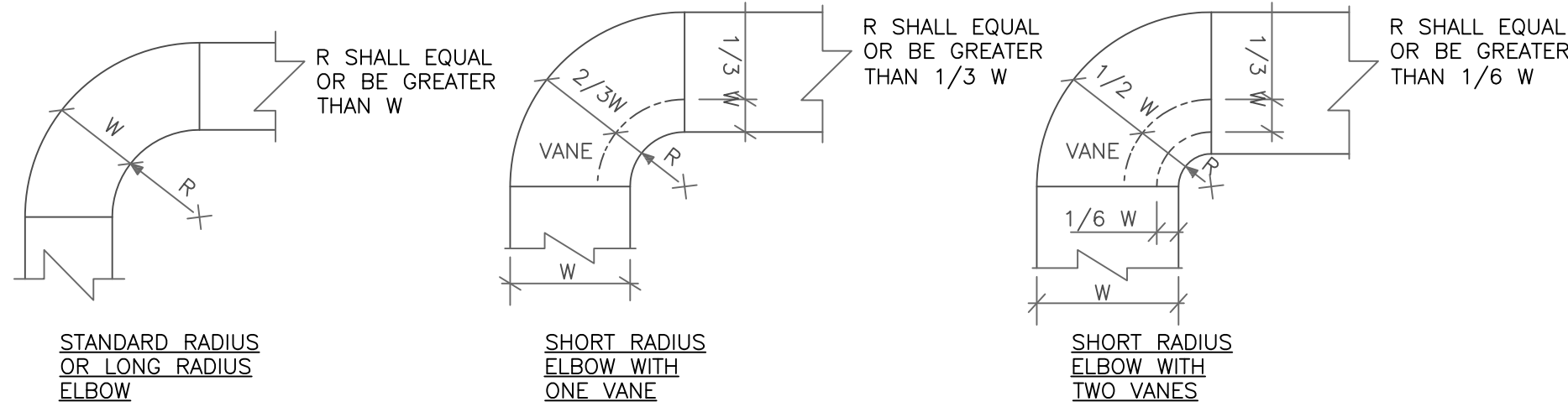


NOTES:

1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.
3. EACH AND EVERY SUPPLY, RETURN AND EXHAUST BRANCH DUCT SHALL BE PROVIDED WITH MANUALLY OPERATED VOLUME DAMPER. DAMPERS AT DIFFUSERS ARE IN ADDITION TO BRANCH DAMPERS.
4. DUCTS LARGER THAN 48 IN SHALL HAVE MULTIPLE SINGLE LEAF DAMPERS WITH LOCKING QUADRANTS EACH SIDE.

2 VOLUME DAMPER DETAIL

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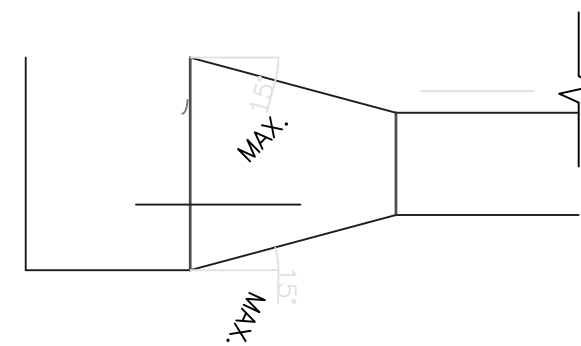


NOTES:

1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA

3 DUCTWORK RADIUS ELBOWS

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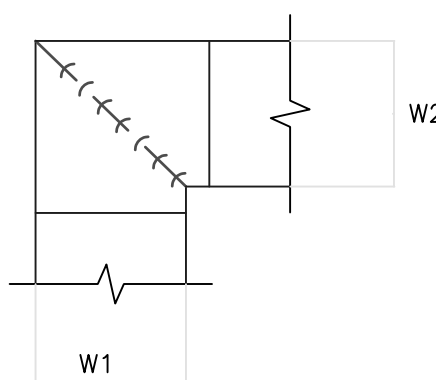


TYPICAL DUCTWORK TRANSITION
PLAN OR SIDE VIEW

NOTE:
UNLESS OTHERWISE INDICATED ON PLANS,
MAXIMUM ANGLES SHOWN SHALL APPLY.

4 DUCTWORK TRANSITIONS

NTS

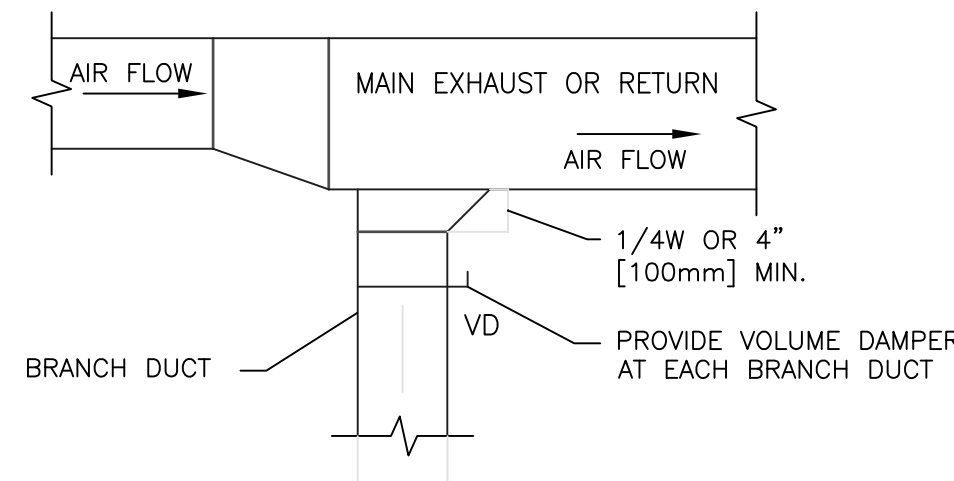


NOTES:

1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" [50mm] RADIUS, 1 1/2" [40mm] MAXIMUM SPACE BETWEEN VANES AND A 3/4" [20mm] TRAILING EDGE.
4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" [500mm] VANES SHALL BE DOUBLE VANE TYPE.

5 DUCTWORK SQUARE VANE ELBOWS

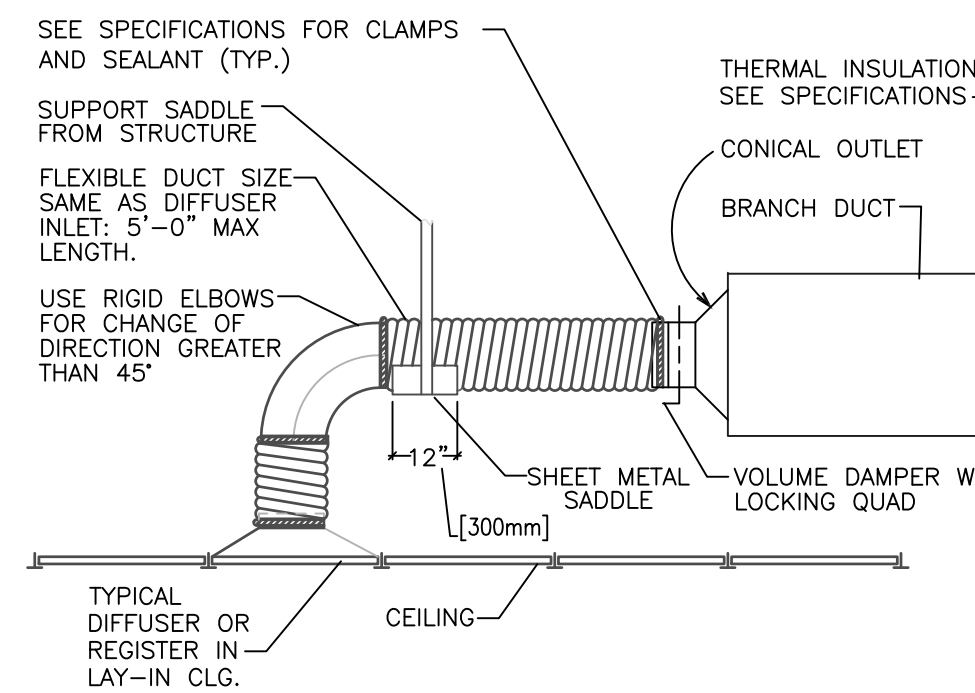
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PLAN VIEW

6 EXHAUST OR RETURN BRANCH DUCTWORK

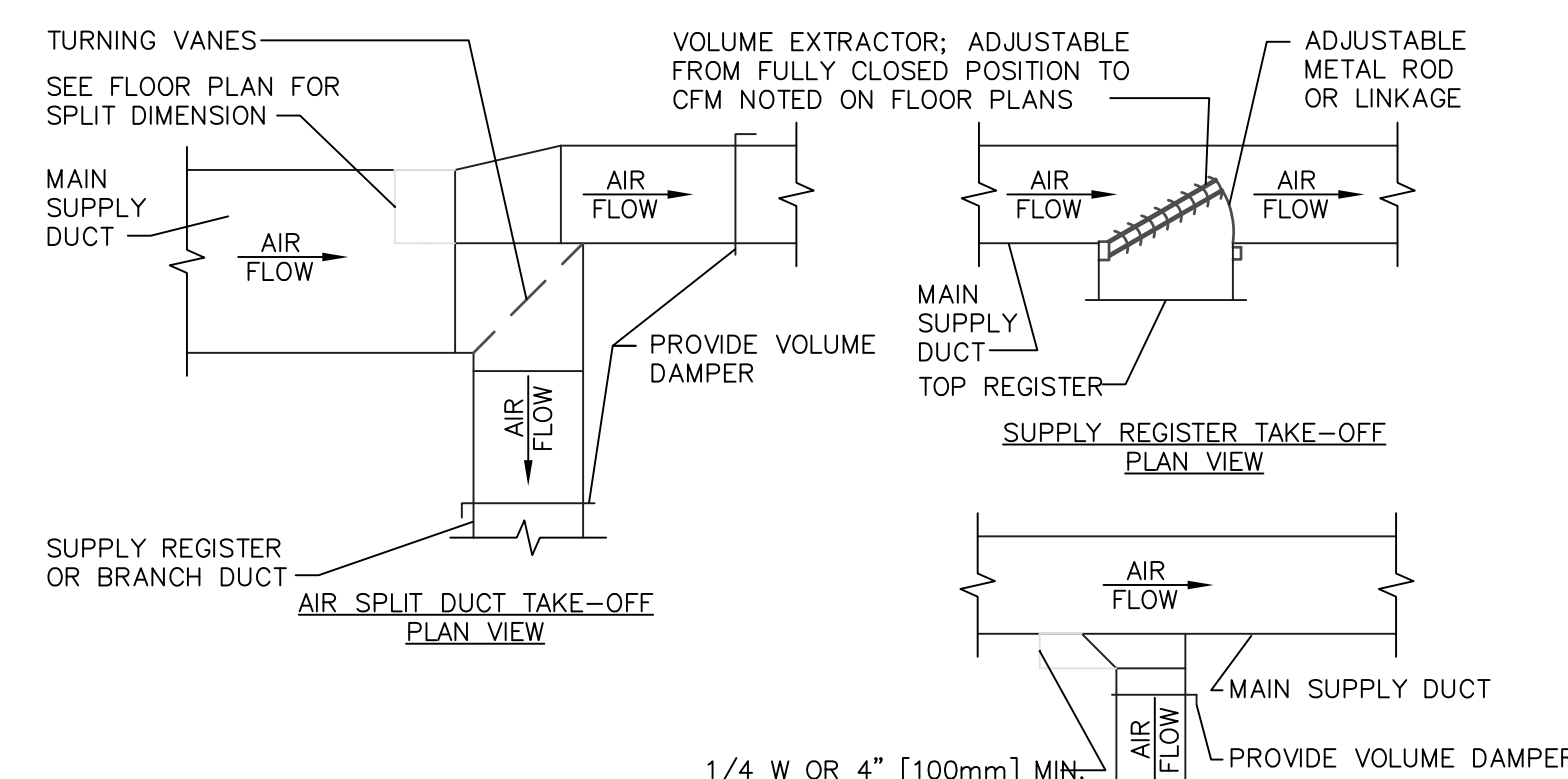
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NOTE:
THE USE OF FLEXIBLE AIR DUCT CONNECTORS ARE NOT PERMITTED
FOR THE DEDICATED AHU SERVING THE SURGICAL SUITE.

⑦ FLEXIBLE AIR DUCT CONNECTOR

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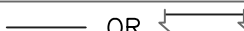




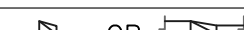




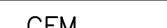


BRANCH DUCT TAKE-OFF PLAN VIEW


NOTES:

1. THE SUPPLY REGISTER TAKE-OFF MAY BE USED FOR UP TO 25% OF THE MAIN DUCT CFM. THE BRANCH DUCT TAKE-OFF MAY BE USED FOR UP TO 15% OF THE MAIN DUCT CFM ANYTIME AND UP TO 40% WHEN THE MAIN DUCT VELOCITY IS 1000 FPM [5.1 M/S] OR LESS. THE AIR SPLIT DUCT TAKE-OFF SHALL BE USED IN ALL OTHER CASES AND MAY BE USED AT ANYTIME.
2. SHOW ALL VOLUME DAMPERS ON FLOOR PLANS.

⑧ SUPPLY DUCTWORK TAKE-OFFS

NTS

SYMBOL LIST	
	EXISTING SYSTEM TO REMAIN
	EXISTING SYSTEM TO BE REMOVED
	NEW DUCTWORK
	CEILING DIFFUSER
	CEILING REGISTER / CEILING GRILLE RETURN
	BR BOTTOM REGISTER / TR TOP REGISTER / CR CEILING REGISTER / CG CEILING GRILLE
	VOLUME DAMPER
	TRANSFER DUCT FROM RECTANGULAR TO ROUND
	TEMPERATURE SENSOR
	UNDER CUT DOOR
	CONNECT NEW TO EXISTING SYSTEM
	LIMIT OF DEMOLITION
	CFM CUBIC FEET PER MINUTE
	TYPICAL
	VAV BOX

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title MECHANICAL DETAILS	Project Title EXPAND SPINAL CORD RESEARCH			Project Number 526-16-106		Office of Facility Management Service		
			Associate Director Approval					Building Number 100				
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			PCC Director Approval	Safety Manager Approval	Date 05/22/15	Checked xxx	Drawn DN	Dwg. 11 of 16				
DESCRIPTION			DATE	 DEPARTMENT OF VETERANS AFFAIRS								



one-eighth inch = one foot
one-quarter inch = one foot
three-eighths inch = one foot
one-half inch = one foot
three-quarter inch = one foot
one inch = one foot

IF THIS SHEET IS NOT 24" x 36"
FULL SIZE, USE GRAPHIC SCALES

GENERAL NOTES:

- ALL NEW WORK SHALL COMPLY WITH ALL STATE AND LOCAL GOVERNING CODES.
- ALL NEW WORK SHALL BE IN ACCORDANCE TO O.S.H.A.'S REGULATIONS.
- ALL NEW WORK SHALL COMPLY WITH THE HOSPITAL'S/VA MEDICAL CENTER'S REQUIREMENTS.
- ALL WORK TO BE PERFORMED SHALL BE COORDINATED TO MAINTAIN CONTINUED OPERATION OF AREA.
- ALL CODE REQUIRED EGRESS PATHS MUST BE MAINTAINED AT ALL TIMES DURING DEMOTION AND CONSTRUCTION PHASES.
- ALL DIMENSIONS ARE FROM FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD, UNLESS OTHERWISE NOTED.
- INTERIM LIFE SAFETY MEASURES MUST BE PERFORMED PRIOR TO STARTING CONSTRUCTION IN A PARTICULAR PHASE. EXISTING EXIT SIGNS MUST BE COVERED AS EXITS ARE TEMPORARILY INACCESSIBLE WHILE WORK IS BEING PERFORMED IN THAT AREA.
- CONTRACTOR MUST COMPLY WITH VA INFECTION CONTROL REGULATIONS AND INTERIM LIFE SAFETY. ALL DEBRIS BEING REMOVED FROM CONSTRUCTION AREA MUST BE SEALED IN A CLEAN GARBAGE BAG PRIOR TO LEAVING CONSTRUCTION AREA. REFER TO SHEET IC-01 AND VA INFECTION CONTROL REQUIREMENTS.
- REFER TO DEMOLITION PLAN ON SHEET AD-01 FOR LOCATIONS OF DUST TIGHT CONSTRUCTION PARTITIONS AND DOORS.
- REFER TO MECHANICAL, PLUMBING, ELECTRICAL, STRUCTURAL, SPRINKLER DRAWINGS ETC FOR WORK TO BE PERFORMED.
- THE CONTRACTOR SHALL FIRE SAFE ALL OPENINGS IN INTERIOR WALLS, FLOORS AND CEILINGS AS REQUIRED TO MAINTAIN ALL EXISTING RATINGS.
- THE CONTRACTOR SHALL SEAL AROUND ALL PENETRATIONS THROUGH EXTERIOR WALLS TO PROVIDE AND MAINTAIN WEATHER-TIGHTNESS OF EXTERIOR WALL.
- ALL PENETRATIONS MADE THROUGH SMOKE AND FIRE WALLS MUST BE PATCHED, SLEEVED FIRE SAFED AND SEALED DAILY WITH LISTED/RATED FIRE STOPPING MATERIAL IN ORDER TO MAINTAIN RATING.
- THE CONTRACTOR TO PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILINGS ETC SHALL BE MAINTAINED AT ALL TIMES. FIRE SAFE/FIRE SEAL ALL NEW AND EXISTING PIPES AND OTHER PENETRATIONS AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
- THE CONTRACTOR SHALL FIRE SAFE/SEAL DAILY ALL NEW AND EXISTING PIPES AND OTHER PENETRATIONS AT ALL CONCRETE SLAB LOCATIONS WITH A 2 HR FIRE RATING MIN.
- THE CONTRACTOR IS RESPONSIBLE IN OBTAINING ALL NECESSARY PERMITS AND PAYING ALL INSPECTION FEES, AND SIGN OFFS FOR THE PROJECT.
- THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE ALL DRAWINGS PRIOR TO BIDDING TO DETERMINE THE SCOPE OF WORK.

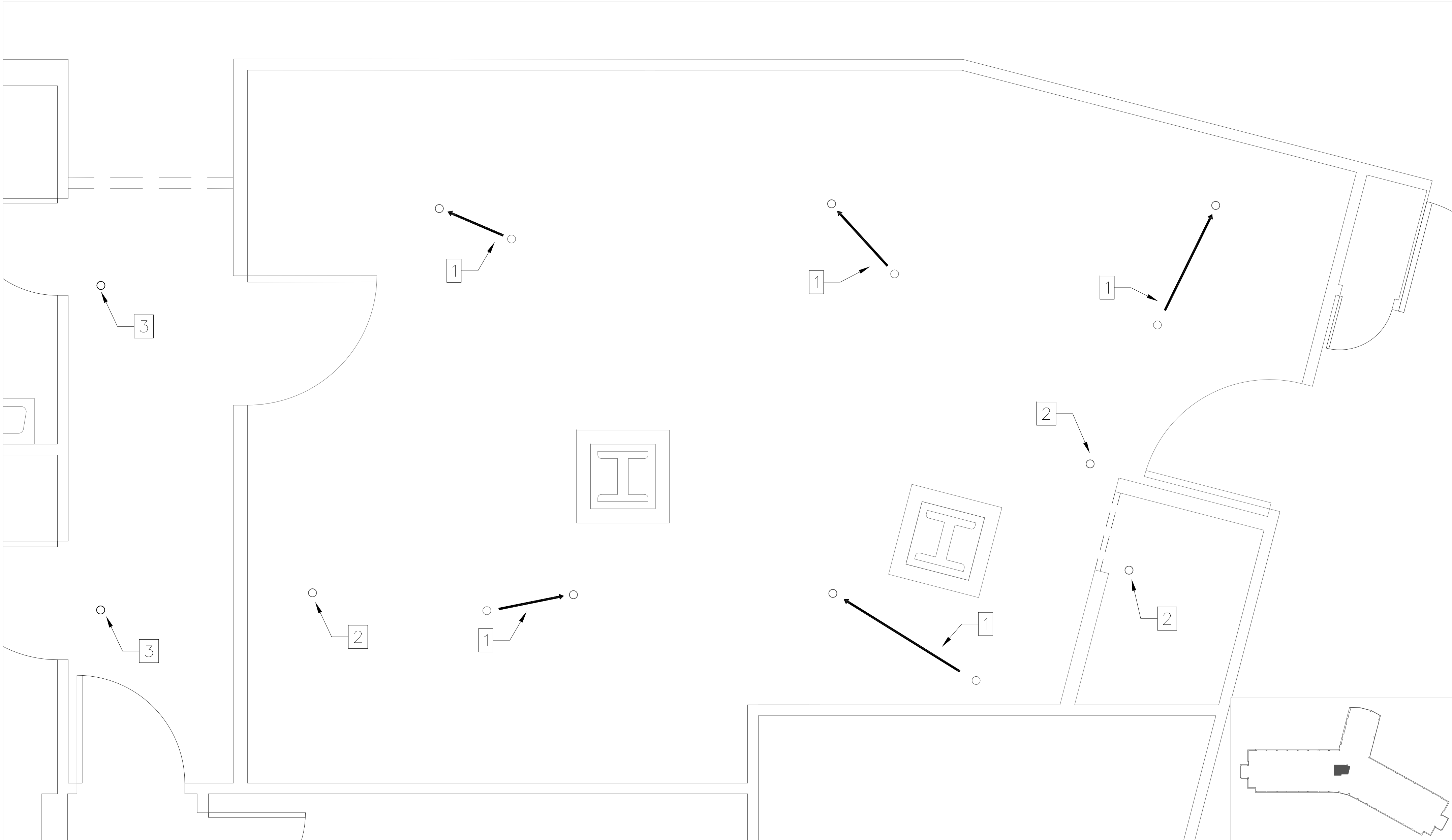
- THE CONTRACTOR SHALL VERIFY ALL EXACT DIMENSIONS OF THE ENTIRE AREA OF WORK PRIOR TO BIDDING, DEMOLITION, CONSTRUCTION AND FIXTURE INSTALLATIONS. THE CONTRACTOR SHALL NOTIFY THE VA IMMEDIATELY OF ANY DIMENSIONAL DISCREPANCIES THAT PROHIBIT NEW WORK FROM PROPER INSTALLATION.
- THE CONSTRUCTION CONTRACTOR IS RESPONSIBLE TO PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT SURFACES BY DEMOLITION OPERATIONS, AT NO ADDITIONAL COST TO THE OWNER.
- NO CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND EQUIPMENT NECESSARY FOR DEMOLITION OPERATIONS AND PROTECT OPERATIONS FOR PERSONNEL.
- THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR SECURE AND SAFE STORAGE OF ALL MATERIALS TO BE REUSED/RELOCATED AS INDICATED ON THE PLANS.
- REMOVALS SHALL BE PREFORMED IN SUCH A MANNER TO MINIMIZE DAMAGE TO EXISTING MATERIALS, IN A CAREFUL MANNER WITHOUT UNNECESSARY NOISE, DUST OR OTHER DISTURBANCE TO PERSONNEL.
- THE CONTRACTOR TO PROVIDE HEPA NEGATIVE PRESSURE MACHINE INSIDE EACH CONSTRUCTION AREA. LOCATION OF EXHAUST TO BE COORDINATED WITH CONTRACTING OFFICER REPRESENTATIVE.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS AS TO AVOID SPREADING CONSTRUCTION DUST AND DEBRIS INTO REMAINDER OF HOSPITAL FLOOR DURING CONSTRUCTION AREA. ACCESS TO WORK AREA SHALL BE COORDINATED WITH CONTRACTING OFFICER REPRESENTATIVE.
- THE CONTRACTOR SHALL PROVIDE DUST TIGHT CONSTRUCTION PARTITIONS AND DOOR AS REQUIRED FOR EACH PHASE. COORDINATE WITH CONTRACTING OFFICER REPRESENTATIVE. REFER TO DEMOLITION PLANS ON SHEET AD-01 FOR LOCATION OF PROPOSED CONSTRUCTION WALL AND DOOR.
- THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL ROOMS, TOILETS, CORRIDORS ETC OF DUST AND DEBRIS PRIOR TO COMPLETION OF THE WORK.
- ALL REMOVALS SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DAMAGE WITHOUT UNNECESSARY NOISE, DUST OR OTHER DISTURBANCE TO PERSONNEL.
- THE CONTRACTOR SHALL SURVEY THE EXISTING STEEL AND DETERMINE IF SPRAY ON FIRE PROOFING EXISTS. THE CONTRACTOR SHALL REPORT ALL FINDINGS BACK TO THE VA. THE VA SHALL DETERMINE IF SPRAY ON FIRE PROOFING IS NEEDED. THE CONTRACTOR SHALL THEN PROVIDE NEW FIRE PROOFING AS REQUIRED THAT MEETS ALL GOVERNING CODES.

CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL CUT OPENINGS IN WALLS, FLOORS, CEILINGS, ETC WHERE SHOWN OR WHERE NECESSARY FOR INSTALLATION OF NEW WORK SUCH AS MECHANICAL, ELECTRICAL, PLUMBING, ETC. REVIEW AND COORDINATE LOCATIONS AS INDICATED ON ELECTRICAL, PLUMBING, AND HVAC DRAWINGS.
- THE CONTRACTOR SHALL PROVIDE ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILINGS ETC SHALL BE MAINTAINED.
- THE CONTRACTOR SHALL CORE DRILL OR SAW CUT OPENINGS IN EXISTING WALLS, ROOF, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW EQUIPMENT, PIPING, AND DUCTWORK, ETC AS REQUIRED FOR THE SCOPE OF WORK.
- THE CONTRACTOR SHALL PATCH GYPSUM BOARD CEILINGS AND WALLS AT LOCATIONS OF REMOVED ITEMS OR AS REQUIRED FOR NEW INSTALLATION OF ITEMS. PREPARE SURFACE AS REQUIRED TO RECEIVE NEW FINISH. NEW FINISH TO MATCH EXISTING.
- THE CONTRACTOR SHALL PATCH ALL EXISTING WALLS WHICH WILL REMAIN AND BE EXPOSED TO VIEW AND WHERE ITEMS HAVE BEEN REMOVED. PATCH MATERIAL TO BE SAME AS SUBSTRATE. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- THE CONSTRUCTION CONTRACTOR IS RESPONSIBLE TO PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT SURFACES BY DEMOLITION OPERATIONS, AT NO ADDITIONAL COST TO THE HOSPITAL/ VA MEDICAL CENTER.
- THE CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS AND GYPSUM BOARD CEILINGS THAT HAVE BEEN ALTERED DURING DEMOLITION OR HAVE BEEN REMOVED AS REQUIRED FOR NEW INSTALLATION OF ITEMS. SAND WALLS AND CEILINGS TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
- THE CONTRACTOR SHALL REMOVE EXISTING CEILINGS IN AREAS THAT ARE NOT INDICATED TO RECEIVE NEW CEILINGS AS REQUIRED FOR THE INSTALLATION OF NEW MECHANICAL, ELECTRICAL, PLUMBING WORK ETC. REFER TO DRAWINGS FOR WORK TO BE INSTALLED. REINSTALL, PATCH OR INSTALL NEW CEILINGS TO MATCH EXISTING AS REQUIRED AFTER INSTALLATION OF NEW WORK IS COMPLETED. PROVIDE DUST OR TEMPORARY CONSTRUCTION PARTITIONS AS DIRECTED BY CONTRACTING OFFICER REPRESENTATIVE.
- THE CONTRACTOR SHALL PATCH AND SPACKLE ALL EXISTING PAINTED CEILINGS AND WALLS AND SAND TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
- ALL ELECTRICAL DEMOLITION AND REWIRING SHALL BE COMPLETED BY A LICENSED AND BONDED ELECTRICIAN.
- ALL NEW WIRING SHALL BE INSTALLED WITHIN EXISTING WALLS, CEILINGS ETC. NO WIRING IS TO BE SURFACE MOUNTED OR RUN EXPOSED. CONTRACTOR SHALL PROVED ALL OPENINGS IN INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. FINAL APPROVAL OF PATCHED AREAS SHALL BE BY CONTRACTING OFFICERS REPRESENTATIVE.
- ALL NEW JUNCTION BOXES, DEVICES AND COVER PLATES SHALL BE RECESSED INTO NEW/EXISTING WALL CONSTRUCTION AND RECESSED IN NEW/EXISTING CEILINGS. THE CONTRACTOR SHALL PROVIDE ALL OPENINGS IN WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. FINAL APPROVAL OF PATCHED AREAS SHALL BE BY CONTRACTING OFFICERS REPRESENTATIVE. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILING ETC SHALL BE MAINTAINED.
- ALL EXPOSED CONDUIT & SURFACE MOUNTED DEVICES TO BE REMOVED IN THEIR ENTIRETY BACK TO THE NEAREST ELECTRICAL JUNCTION BOX TO REMAIN.

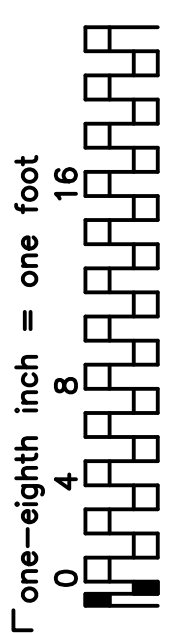
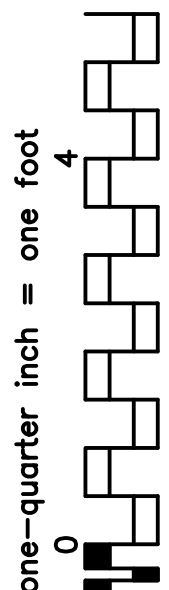
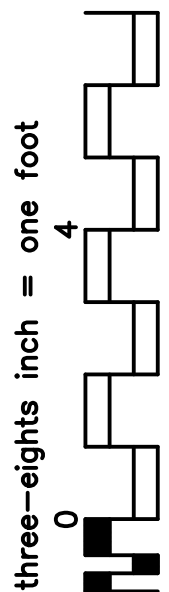
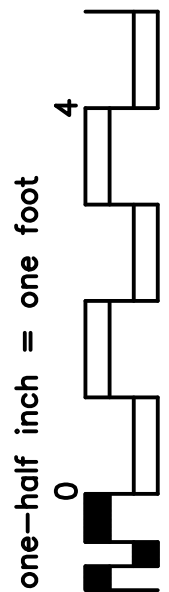
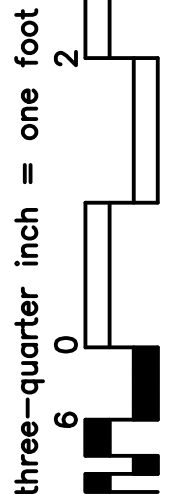
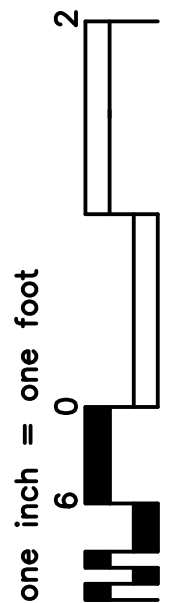
FIRE SPRINKLER WORK NOTES:

- REMOVE EXISTING SPRINKLER HEAD AND 1" NIPPLE DROP AND REUSE 1-1/4" BRANCH LINE FOR NEW SPRINKLER LOCATION AS SHOWN IF POSSIBLE.
- INSTALL NEW SPRINKLER HEAD WITH 1" NIPPLE DROP AT LOCATIONS SHOWN. CONNECT TO EXISTING 1-1/4" BRANCH LINE IF THERE ARE NO MORE THAN 3 DROPS ON THAT LINE AFTER CONNECTION. OTHERWISE INSTALL NEW 1" BRANCH LINE BACK TO MAIN.
- EXISTING SPRINKLER HEADS TO REMAIN.



1 FIRE SPRINKLER PLAN
FP-01 1/2"=1'-0"

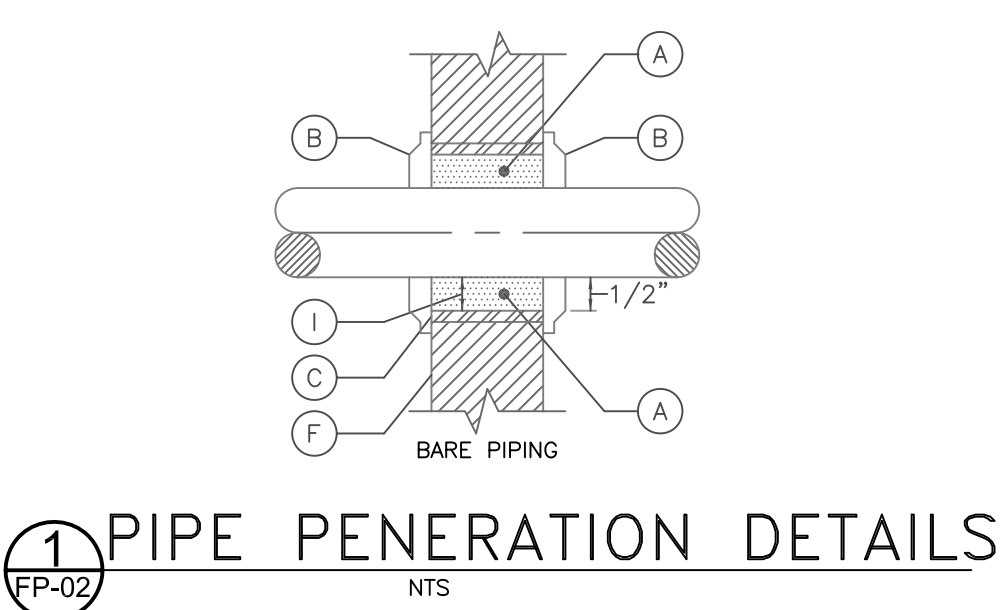
DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title	Project Title	Project Number	Office of Facility Management Service
			Associate Director Approval	FIRE SPRINKLER PLAN	EXPAND SPINAL CORD RESEARCH	526-16-106	
			Chief Nurse Executive / Chief of Staff Approval	Chief Engineer Approval	Location	Building Number	
			PCC Director Approval	Safety Manager Approval	Bronx, New York	100	
DESCRIPTION	DATE				Date	Checked	Drawing Number
					05/22/15	xxx	A-1
						DN	Dwg. 12 of 16



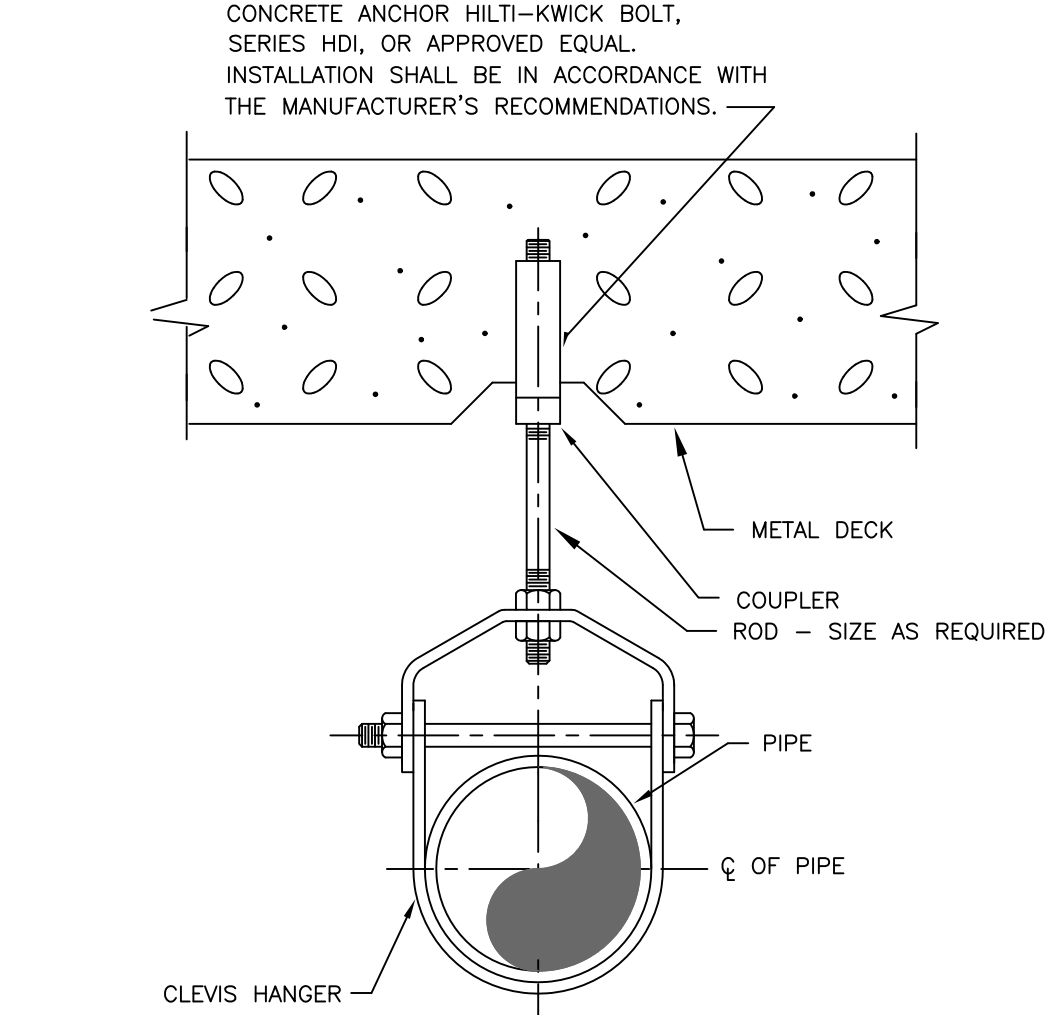
IF THIS SHEET IS NOT 24" X 36"
FULL SIZE, USE GRAPHIC SCALES

GENERAL NOTES FOR ALTERATION WORK

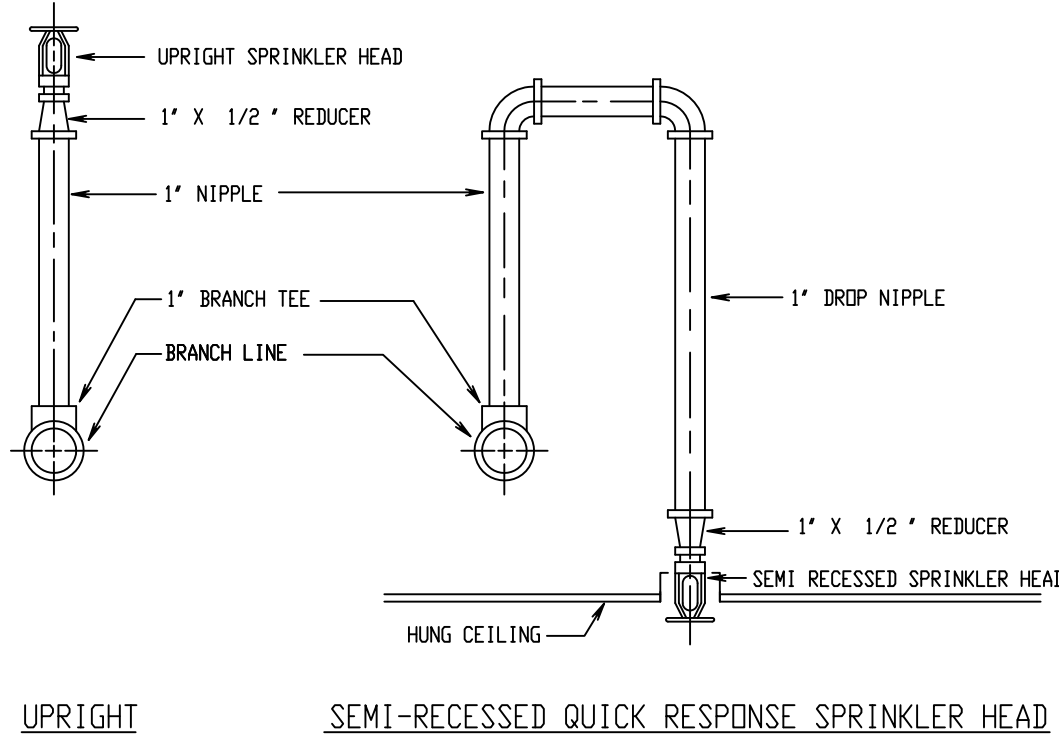
1. LOCATION AND SIZE OF EXISTING PIPING IS APPROXIMATE. CONTRACTOR SHALL VERIFY IN THE FIELD AND ADJUSTMENTS MADE AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
2. REMOVED PIPING SHALL NOT BE REUSED.
3. DO NOT INTERRUPT ANY OF THE SERVICES OF THE EXISTING BUILDING, NOR INTERFERE WITH THE SERVICES IN ANY WAY WITHOUT EXPRESSED PERMISSION. SUCH INTERRUPTIONS AND INTERFERENCES SHALL BE MADE AS BRIEF AS POSSIBLE, AND ONLY AT DESIGNATED PERIODS.
4. DO NOT USE ANY PART OF THE BUILDING AS A SHOP, EXCEPT AS DESIGNATED FOR SUCH PURPOSES.
5. THE EXISTING SPRINKLER SYSTEM SHALL REMAIN ACTIVE THROUGHOUT THE PROJECT'S DURATION. AT NO TIME SHALL THE RESIDENCE OR OTHER BUILDING AREAS BE LEFT WITHOUT SPRINKLER PROTECTION. CONTRACTOR SHALL PROVIDE ALL TEMPORARY SPRINKLER PIPING AND HEADS AS REQUIRED TO MAINTAIN SPRINKLER COVERAGE AT ALL TIMES. CONTRACTOR SHALL PROVIDE FIRE WATCH IN CONSTRUCTION ZONE AREAS WHERE THE SPRINKLER SYSTEM IS DEACTIVATED FOR INSTALLATION AND CONNECTIONS OF NEW INSTALLATIONS TO THE SPRINKLER SYSTEM.
6. CONTRACTOR SHALL COORDINATE INSTALLATION OF SPRINKLER PIPING SYSTEM WITH NEW DUCT SYSTEM AS INDICATED ON SHEETMETAL SHOP DRAWINGS AND NEW CEILING CONFIGURATIONS AND LIGHT FIXTURES AS INDICATED ON ARCHITECTURAL REFLECTED CEILING PLANS. CONTRACTOR SHALL COORDINATE ALL WORK WITH CONSTRUCTION PHASING AS INDICATED BY THE OWNER AND GENERAL CONTRACTOR.
7. SPRINKLER TO NEW PIPING SHOWN IS FOR INTENT ONLY AND DOES NOT LIMIT THE LENGTH OF PIPE REQUIRED. CONTRACTOR SHALL VISIT SITE AND DETERMINE OR MAKE AN ALLOWANCE FOR ADDITIONAL LENGTH OF RUNS THAT ARE REQUIRED AT NO ADDITIONAL COST TO THE OWNER. EXTENSIVE RUNS AND FITTINGS BETWEEN NEW SPRINKLER AND SUPPLY BRANCH TO EXISTING SPRINKLER TO BE RELOCATED MAY BE REMOVED AND REPLACED WITH NEW PIPE AND FITTINGS.
8. CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR FOR AREAS WHERE THE HUNG CEILING IS TO BE REMOVED AND ACCOMMODATE THE INSTALLATION OF THE NEW DUCTWORK. WHERE CEILINGS ARE TO BE REMOVED AND NEW CEILINGS ARE TO BE INSTALLED, CONTRACTOR SHALL REPLACE SPRINKLER HEADS WITH NEW.
9. FOR THE DURATION OF SPRINKLER CONSTRUCTION WORK, PROVIDE A FIRE WATCH OR TEMPORARY SPRINKLER LOOP IN LIEU OF FIRE WATCH IF APPROVED BY BUILDING MANAGEMENT.



- (A) PACK ALL SPACES FULL DEPTH W/ MINERAL WOOL OR OTHER EQUALLY APPROVED FIRE RESISTIVE MATERIAL (ASBESTOS OR FIBERGLASS SHALL NOT BE USED)
- FIRE RESISTANT FOAM SEALANT
CHASE FOAM CTC P2-655(N.Y.C.
MEA 58-79 M1 & 11) MAY BE USED.
INSTALLATION AS PER MANUFACTURER.
- (B) ESCUTCHEON BOTH SIDES.
- (C) SLEEVE
- (F) FIRE RATED PARTITION,
WALL OR FLOOR.
- (I) MAXIMUM 1/2" CLEARANCE
BETWEEN INSIDE OF SLEEVE
& PIPE.



- (2) TYPICAL HANGER DETAILS
- NTS
1. CLEVIS HANGER REQUIRED ON PIPING 2" OR LARGER. GENERAL PURPOSE HANGERS MAY BE USED ON PIPING SMALLER THAN 2".
 2. ALL HANGERS: UL LISTED



- (3) TYPICAL SPRINKLER CONNECTIONS
- NTS

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title	Project Title	Project Number	Office of Facility Management Service	
			Associate Director Approval	FIRE SPRINKLER DETAILS	EXPAND SPINAL CORD RESEARCH	526-16-106		
			Chief Nurse Executive / Chief of Staff Approval			Building Number 100		
			PCC Director Approval			Drawing Number A-1		
DESCRIPTION	DATE			Safety Manager Approval	Date 05/22/15	Checked xxx	Drawn DN	Dwg. 13 of 16

one-eighth inch = one foot
one-quarter inch = one foot
three-eighths inch = one foot
one-half inch = one foot
three-quarter inch = one foot
one inch = one foot

IF THIS SHEET IS NOT 24" x 36"
FULL SIZE, USE GRAPHIC SCALES

GENERAL NOTES:

1.

ALL NEW WORK SHALL COMPLY WITH ALL STATE AND LOCAL GOVERNING CODES.
2.

ALL NEW WORK SHALL BE IN ACCORDANCE TO O.S.H.A.'S REGULATIONS.
3.

ALL NEW WORK SHALL COMPLY WITH THE HOSPITAL'S/VA MEDICAL CENTER'S REQUIREMENTS.
4.

ALL WORK TO BE PERFORMED SHALL BE COORDINATED TO MAINTAIN CONTINUED OPERATION OF AREA.
5.

ALL CODE REQUIRED EGRESS PATHS MUST BE MAINTAINED AT ALL TIMES DURING DEMOTION AND CONSTRUCTION PHASES.
6.

ALL DIMENSIONS ARE FROM FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD, UNLESS OTHERWISE NOTED.
7.

INTERIM LIFE SAFETY MEASURES MUST BE PERFORMED PRIOR TO STARTING CONSTRUCTION IN A PARTICULAR PHASE. EXISTING EXIT SIGNS MUST BE COVERED AS EXITS ARE TEMPORARILY INACCESSIBLE WHILE WORK IS BEING PERFORMED IN THAT AREA.
8.

CONTRACTOR MUST COMPLY WITH VA INFECTION CONTROL REGULATIONS AND INTERIM LIFE SAFETY. ALL DEBRIS BEING REMOVED FROM CONSTRUCTION AREA MUST BE SEALED IN A CLEAN GARBAGE BAG PRIOR TO LEAVING CONSTRUCTION AREA. REFER TO SHEET IC-01 AND VA INFECTION CONTROL REQUIREMENTS.
9.

REFER TO DEMOLITION PLAN ON SHEET AD-01 FOR LOCATIONS OF DUST TIGHT CONSTRUCTION PARTITIONS AND DOORS.
10.

REFER TO MECHANICAL, PLUMBING, ELECTRICAL, STRUCTURAL, SPRINKLER DRAWINGS ETC FOR WORK TO BE PERFORMED.
11.

THE CONTRACTOR SHALL FIRE SAFE ALL OPENINGS IN INTERIOR WALLS, FLOORS AND CEILINGS AS REQUIRED TO MAINTAIN ALL EXISTING RATINGS.
12.

THE CONTRACTOR SHALL SEAL AROUND ALL PENETRATIONS THROUGH EXTERIOR WALLS TO PROVIDE AND MAINTAIN WEATHER-TIGHTNESS OF EXTERIOR WALL.
13.

ALL PENETRATIONS MADE THROUGH SMOKE AND FIRE WALLS MUST BE PATCHED, SLEEVED FIRE SAFED AND SEALED DAILY WITH LISTED/RATED FIRE STOPPING MATERIAL IN ORDER TO MAINTAIN RATING.
14.

THE CONTRACTOR TO PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILINGS ETC SHALL BE MAINTAINED AT ALL TIMES. FIRE SAFE/FIRE SEAL ALL NEW AND EXISTING PIPES AND OTHER PENETRATIONS AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE FIRE RATING.
15.

THE CONTRACTOR SHALL FIRE SAFE/SEAL DAILY ALL NEW AND EXISTING PIPES AND OTHER PENETRATIONS AT ALL CONCRETE SLAB LOCATIONS WITH A 2 HR FIRE RATING MIN.
16.

THE CONTRACTOR IS RESPONSIBLE IN OBTAINING ALL NECESSARY PERMITS AND PAYING ALL INSPECTION FEES, AND SIGN OFFS FOR THE PROJECT.
17.

THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE ALL DRAWINGS PRIOR TO BIDDING TO DETERMINE THE SCOPE OF WORK.
18.

THE CONTRACTOR SHALL VERIFY ALL EXACT DIMENSIONS OF THE ENTIRE AREA OF WORK PRIOR TO BIDDING, DEMOLITION, CONSTRUCTION AND FIXTURE INSTALLATIONS. THE CONTRACTOR SHALL NOTIFY THE VA IMMEDIATELY OF ANY DIMENSIONAL DISCREPANCIES THAT PROHIBIT NEW WORK FROM PROPER INSTALLATION.
19.

THE CONSTRUCTION CONTRACTOR IS RESPONSIBLE TO PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT SURFACES BY DEMOLITION OPERATIONS, AT NO ADDITIONAL COST TO THE OWNER.
20.

NO CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE DRAWINGS.
21.

THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND EQUIPMENT NECESSARY FOR DEMOLITION OPERATIONS AND PROTECT OPERATIONS FOR PERSONNEL.
22.

THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR SECURE AND SAFE STORAGE OF ALL MATERIALS TO BE REUSED/RELOCATED AS INDICATED ON THE PLANS.
23.

REMOVALS SHALL BE PREFORMED IN SUCH A MANNER TO MINIMIZE DAMAGE TO EXISTING MATERIALS, IN A CAREFUL MANNER WITHOUT UNNECESSARY NOISE, DUST OR OTHER DISTURBANCE TO PERSONNEL.
24.

THE CONTRACTOR TO PROVIDE HEPA NEGATIVE PRESSURE MACHINE INSIDE EACH CONSTRUCTION AREA. LOCATION OF EXHAUST TO BE COORDINATED WITH CONTRACTING OFFICER REPRESENTATIVE.
25.

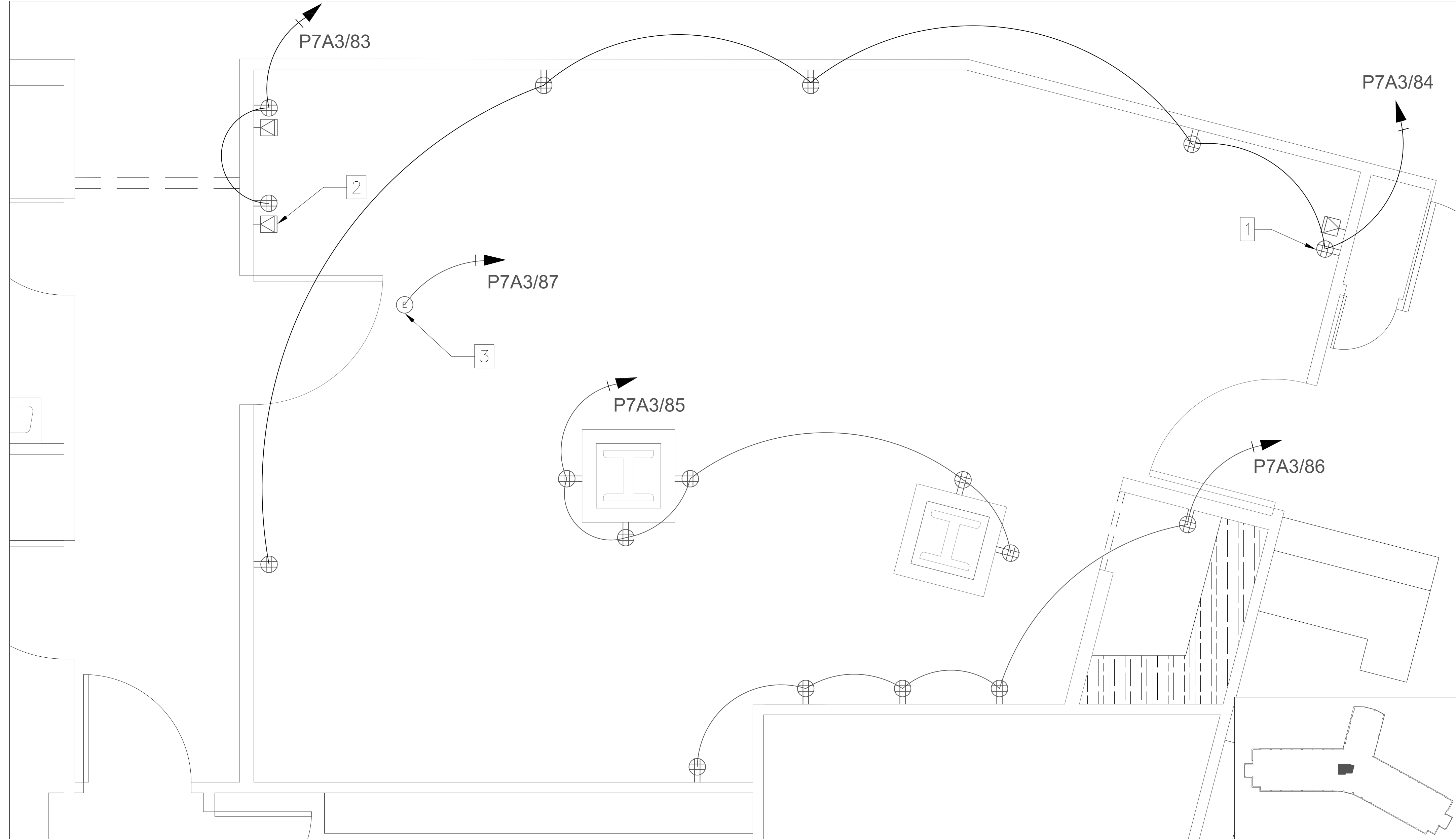
THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS AS TO AVOID SPREADING CONSTRUCTION DUST AND DEBRIS INTO REMAINDER OF HOSPITAL FLOOR DURING CONSTRUCTION AREA. ACCESS TO WORK AREA SHALL BE COORDINATED WITH CONTRACTING OFFICER REPRESENTATIVE.
26.

THE CONTRACTOR SHALL PROVIDE DUST TIGHT CONSTRUCTION PARTITIONS AND DOOR AS REQUIRED FOR EACH PHASE. COORDINATE WITH CONTRACTING OFFICER REPRESENTATIVE. REFER TO DEMOLITION PLANS ON SHEET AD-01 FOR LOCATION OF PROPOSED CONSTRUCTION WALL AND DOOR.
27.

THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL ROOMS, TOILETS, CORRIDORS ETC OF DUST AND DEBRIS PRIOR TO COMPLETION OF THE WORK.
28.

ALL REMOVALS SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DAMAGE WITHOUT UNNECESSARY NOISE, DUST OR OTHER DISTURBANCE TO PERSONNEL.
29.

THE CONTRACTOR SHALL SURVEY THE EXISTING STEEL AND DETERMINE IF SPRAY ON FIRE PROOFING EXISTS. THE CONTRACTOR SHALL REPORT ALL FINDINGS BACK TO THE VA. THE VA SHALL DETERMINE IF SPRAY ON FIRE PROOFING IS NEEDED. THE CONTRACTOR SHALL THEN PROVIDE NEW FIRE PROOFING AS REQUIRED THAT MEETS ALL GOVERNING CODES.



1 ELECTRICAL POWER PLAN
EP-01 1/2"=1'-0"

CONSTRUCTION NOTES:

1.

THE CONTRACTOR SHALL CUT OPENINGS IN WALLS, FLOORS, CEILINGS, ETC WHERE SHOWN OR WHERE NECESSARY FOR INSTALLATION OF NEW WORK SUCH AS MECHANICAL, ELECTRICAL, PLUMBING, ETC. REVIEW AND COORDINATE LOCATIONS AS INDICATED ON ELECTRICAL, PLUMBING, AND HVAC DRAWINGS.
2.

THE CONTRACTOR SHALL PROVIDE ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILINGS ETC SHALL BE MAINTAINED.
3.

THE CONTRACTOR SHALL CORE DRILL OR SAW CUT OPENINGS IN EXISTING WALLS, ROOF, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW EQUIPMENT, PIPING, AND DUCTWORK, ETC AS REQUIRED FOR THE SCOPE OF WORK.
4.

THE CONTRACTOR SHALL PATCH GYPSUM BOARD CEILINGS AND WALLS AT LOCATIONS OF REMOVED ITEMS OR AS REQUIRED FOR NEW INSTALLATION OF ITEMS. PREPARE SURFACE AS REQUIRED TO RECEIVE NEW FINISH. NEW FINISH TO MATCH EXISTING.
5.

THE CONTRACTOR SHALL PATCH ALL EXISTING WALLS WHICH WILL REMAIN AND BE EXPOSED TO VIEW AND WHERE ITEMS HAVE BEEN REMOVED. PATCH MATERIAL TO BE SAME AS SUBSTRATE. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
6.

THE CONSTRUCTION CONTRACTOR IS RESPONSIBLE TO PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT SURFACES BY DEMOLITION OPERATIONS, AT NO ADDITIONAL COST TO THE HOSPITAL/ VA MEDICAL CENTER.
7.

THE CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS AND GYPSUM BOARD CEILINGS THAT HAVE BEEN ALTERED DURING DEMOLITION OR HAVE BEEN REMOVED AS REQUIRED FOR NEW INSTALLATION OF ITEMS. SAND WALLS AND CEILINGS TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
8.

THE CONTRACTOR SHALL REMOVE EXISTING CEILINGS IN AREAS THAT ARE NOT INDICATED TO RECEIVE NEW CEILINGS AS REQUIRED FOR THE INSTALLATION OF NEW MECHANICAL, ELECTRICAL, PLUMBING WORK ETC. REFER TO DRAWINGS FOR WORK TO BE INSTALLED. REINSTALL, PATCH OR INSTALL NEW CEILINGS TO MATCH EXISTING AS REQUIRED AFTER INSTALLATION OF NEW WORK IS COMPLETED. PROVIDE DUST OR TEMPORARY CONSTRUCTION PARTITIONS AS DIRECTED BY CONTRACTING OFFICER REPRESENTATIVE.
9.

THE CONTRACTOR SHALL PATCH AND SPACKLE ALL EXISTING PAINTED CEILINGS AND WALLS AND SAND TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
10.

ALL ELECTRICAL DEMOLITION AND REWIRING SHALL BE COMPLETED BY A LICENSED AND BONDED ELECTRICIAN.
11.

ALL NEW WIRING SHALL BE INSTALLED WITHIN EXISTING WALLS, CEILINGS ETC. NO WIRING IS TO BE SURFACE MOUNTED OR RUN EXPOSED. CONTRACTOR SHALL PROVED ALL OPENINGS IN INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. FINAL APPROVAL OF PATCHED AREAS SHALL BE BY VA CONTRACTING OFFICER. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILING ETC SHALL BE MAINTAINED.
12.

ALL NEW JUNCTION BOXES, DEVICES AND COVER PLATES SHALL BE RECESSED INTO NEW/EXISTING WALL CONSTRUCTION AND RECESSED IN NEW/EXISTING CEILINGS. THE CONTRACTOR SHALL PROVIDE ALL OPENINGS IN WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. FINAL APPROVAL OF PATCHED AREAS SHALL BE BY VA CONTRACTING OFFICER. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILING ETC SHALL BE MAINTAINED.
13.

ALL EXPOSED CONDUIT & SURFACE MOUNTED DEVICES TO BE REMOVED IN THEIR ENTIRETY BACK TO THE NEAREST ELECTRICAL JUNCTION BOX TO REMAIN.

ELECTRICAL WORK NOTES:

- 1

DUPLEX 120 V ELECTRICAL RECEPTACLE. RUN CIRCUITS AS SHOWN TO 7A ELECTRICAL CLOSET PANELS APPROXIMATELY 80 FT AWAY AND SUPPLY 20 AMP BREAKERS. USE WIRE SIZES AS SPECIFIED BY NEC CODE. SEE SPECIFICATIONS FOR FULL INSTALLATION REQUIREMENTS.
- 2

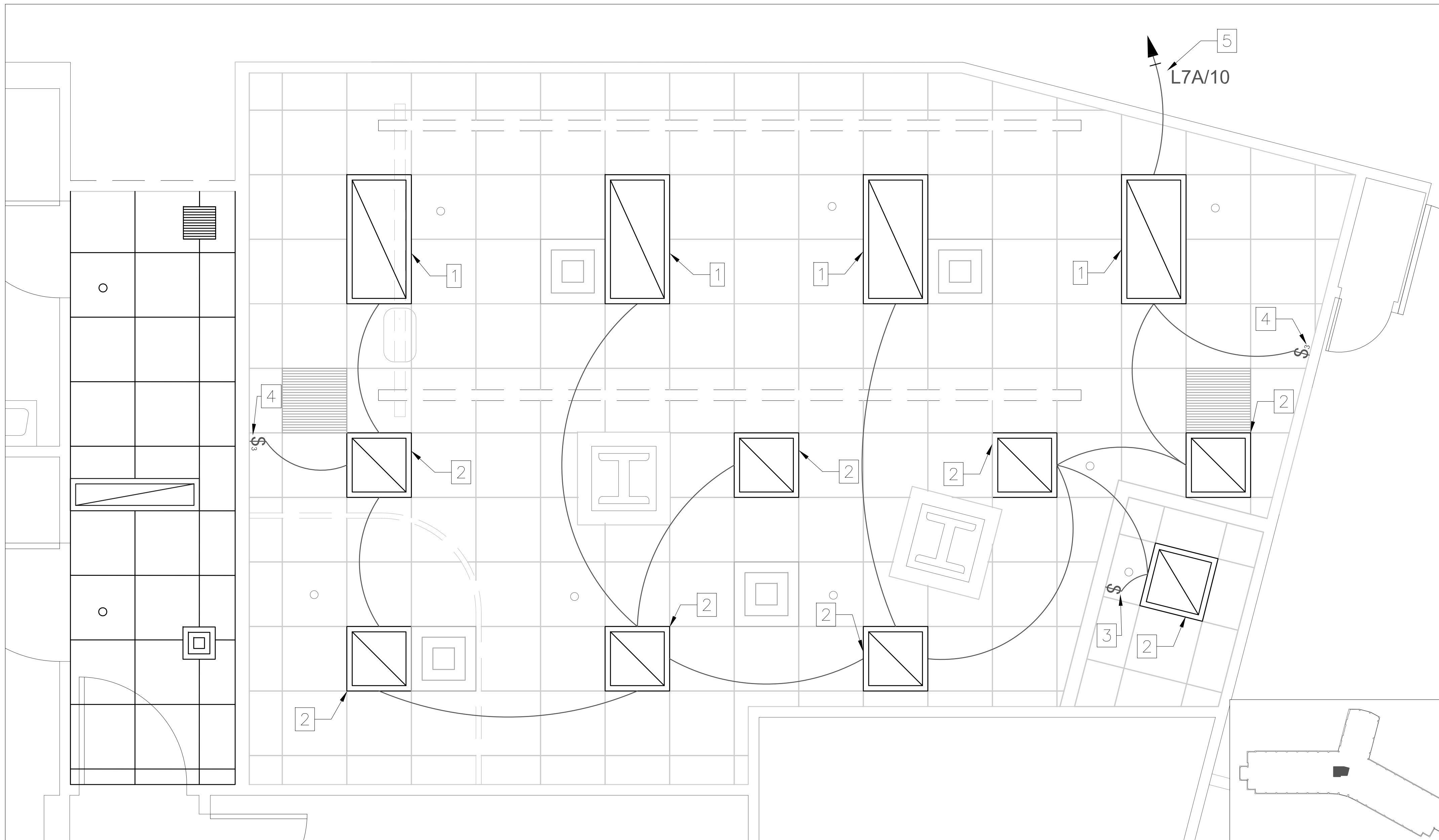
DUAL DATA AND PHONE JACK SETUP WITH ONE CAT 6 CABLE FOR DATA LINE AND ONE CAT 6 DATA CABLE FOR PHONE LINE. LINES TO BE HOME RUN BACK TO 7A DATA CLOSET APPROXIMATELY 70 FT AWAY. TERMINATE AT PATCH PANEL WITH AVAILABLE SPACE USING T568A ON BOTH ENDS OF CABLE. SEE SPECIFICATIONS FOR FULL INSTALLATION REQUIREMENTS.
- 3

ELECTRICAL JUNCTION BOX ABOVE CEILING WITH A DEDICATED 120 V CIRCUIT FOR PATIENT LIFT SYSTEM. COORDINATE WITH PATIENT LIFT VENDOR FOR EXACT LOCATION AND PROVIDE VENDOR WITH POWER AS REQUIRED FOR LIFT OPERATIONS.

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title ELECTRICAL POWER PLAN	Project Title EXPAND SPINAL CORD RESEARCH	Project Number 526-16-106		Office of Facility Management Service
			Associate Director Approval			Building Number 100		
			Chief Nurse Executive / Chief of Staff Approval	Chief Engineer Approval	Location Bronx, New York		Drawing Number A-1	DEPARTMENT OF VETERANS AFFAIRS
DESCRIPTION	DATE		PCC Director Approval	Safety Manager Approval	Date 05/22/15	Checked xxx	Drawn DN	

one inch = one foot

IF THIS SHEET IS NOT 24" x 36"
FULL SIZE, USE GRAPHIC SCALES

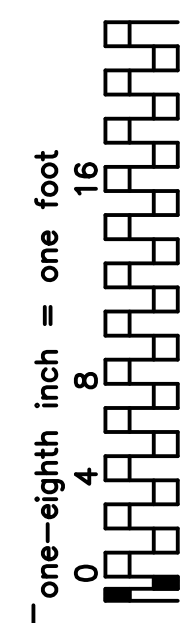
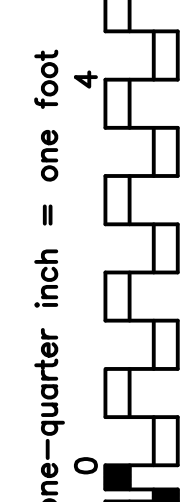
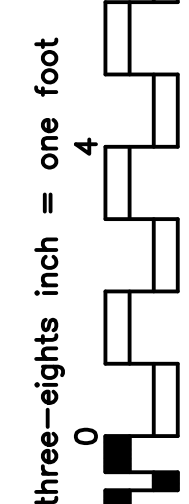
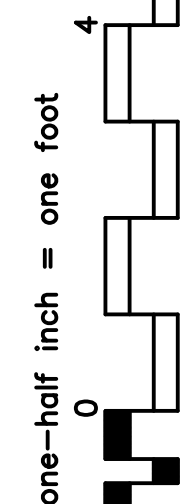
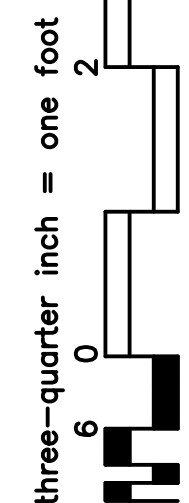
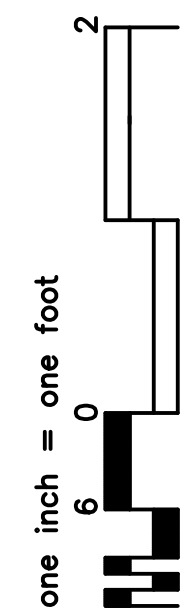


1 ELECTRICAL LIGHTING PLAN

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title ELECTRICAL LIGHTING PLAN	Project Title EXPAND SPINAL CORD RESEARCH			Project Number 526-16-106	Office of Facility Management Service
			Associate Director Approval					Building Number 100	
			Chief Nurse Executive / Chief of Staff Approval	Chief Engineer Approval	Location Bronx, New York			Drawing Number A-1	
			PCC Director Approval	Safety Manager Approval	Date 05/22/15	Checked xxx	Drawn DN	Dwg. 15 of 16	
DESCRIPTION			DATE						




















1. THE CONTRACTOR SHALL CUT OPENINGS IN WALLS, FLOORS, CEILINGS, ETC WHERE SHOWN OR WHERE NECESSARY FOR INSTALLATION OF NEW WORK SUCH AS MECHANICAL, ELECTRICAL, PLUMBING, ETC. REVIEW AND COORDINATE LOCATIONS AS INDICATED ON ELECTRICAL, PLUMBING, AND HVAC DRAWINGS.
2. THE CONTRACTOR SHALL PROVIDE ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILINGS ETC SHALL BE MAINTAINED.
3. THE CONTRACTOR SHALL DRILL OR SAW CUT OPENINGS IN EXISTING ROOF, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW EQUIPMENT, PIPING, AND DUCTWORK, ETC AS REQUIRED FOR THE SCOPE OF WORK.
4. THE CONTRACTOR SHALL PATCH GYPSUM BOARD CEILINGS AND WALLS AT LOCATIONS OF REMOVED ITEMS OR AS REQUIRED FOR NEW INSTALLATION OF ITEMS. PREPARE SURFACE AS REQUIRED TO RECEIVE NEW FINISH. NEW FINISH TO MATCH EXISTING.
5. THE CONTRACTOR SHALL PATCH ALL EXISTING WALLS WHICH WILL REMAIN AND BE EXPOSED TO VIEW AND WHERE ITEMS HAVE BEEN REMOVED. PATCH MATERIAL TO BE SAME AS SUBSTRATE. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
6. THE CONTRACTOR CONTRACTOR IS RESPONSIBLE TO PROMPTLY REPAIR DAMAGE CAUSED TO ADJACENT SURFACES BY DEMOLITION OPERATIONS, AT NO ADDITIONAL COST TO THE HOSPITAL/ VA MEDICAL CENTER.
7. THE CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS AND GYPSUM BOARD CEILINGS THAT HAVE BEEN ALTERED DURING DEMOLITION OR HAVE BEEN REMOVED AS REQUIRED FOR NEW INSTALLATION OF ITEMS. SAND WALLS AND CEILINGS TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
8. THE CONTRACTOR SHALL REMOVE EXISTING CEILINGS IN AREAS THAT ARE NOT INDICATED TO RECEIVE NEW CEILINGS AS REQUIRED FOR NEW INSTALLATION OF EQUIPMENT. REMOVING WORK ETC. REFER TO DRAWINGS FOR WORK TO BE INSTALLED. REINSTALL, PATCH OR INSTALL NEW CEILINGS TO MATCH EXISTING AS REQUIRED AFTER INSTALLATION OF NEW WORK IS COMPLETED. PROVIDE DUST OR TEMPORARY CONSTRUCTION PARTITIONS AS DIRECTED BY CONTRACTING OFFICER REPRESENTATIVE.
9. THE CONTRACTOR SHALL PATCH AND SPACKLE ALL EXISTING PAINTED CEILINGS AND WALLS AND SAND TO PROVIDE A SMOOTH SURFACE TO RECEIVE NEW FINISHES AS SCHEDULED.
10. ALL ELECTRICAL DEMOLITION AND REWIRING SHALL BE COMPLETED BY A LICENSED AND BONDED ELECTRICIAN.
11. ALL EXPOSED SURFACES INSTALLED WITHIN EXISTING WALLS, CEILINGS, ETC. NO WIRING IS TO BE SURFACE MOUNTED OR RUN EXPOSED. CONTRACTOR SHALL PROVED ALL OPENINGS IN INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. FINAL APPROVAL OF PATCHED AREAS SHALL BE BY CONTRACTING OFFICERS REPRESENTATIVE.
12. ALL NEW JUNCTION BOXES, DEVICES AND COVER PLATES SHALL BE RECESSED INTO NEW/EXISTING WALL CONSTRUCTION AND RECESSED IN NEW/EXISTING CEILINGS. THE CONTRACTOR SHALL PROVIDE ALL OPENINGS IN WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF NEW WORK. PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED AFTER INSTALLATION TO SUIT NEW FINISHES. FINAL APPROVAL OF PATCHED AREAS SHALL BE BY CONTRACTING OFFICER. PROVIDE FIREPROOFING AS REQUIRED. EXISTING RATINGS OF FLOORS, WALLS, CEILING ETC SHALL BE MAINTAINED.
13. ALL EXPOSED CONDUIT & SURFACE MOUNTED DEVICES TO BE REMOVED IN THEIR ENTIRETY BACK TO THE NEAREST ELECTRICAL JUNCTION BOX TO REMAIN.

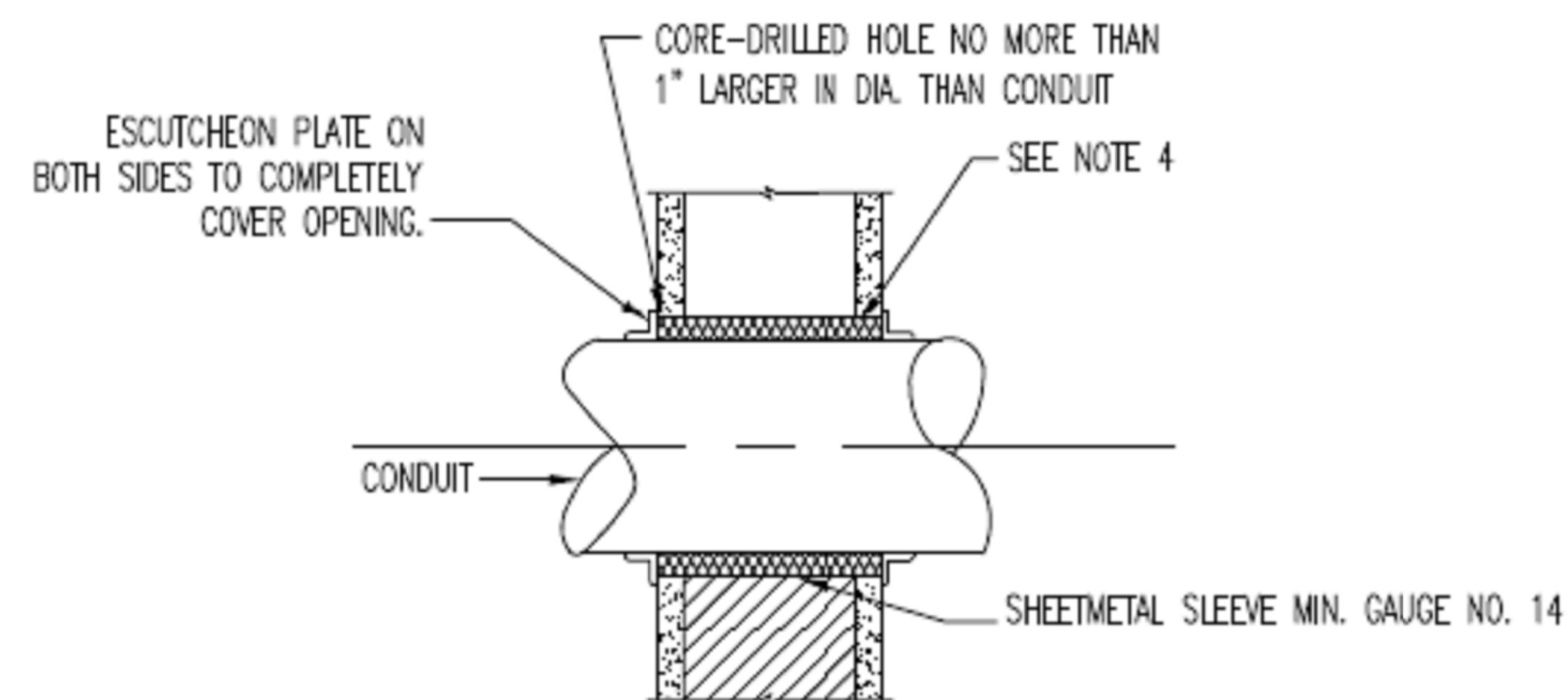
- 1 24"x48" PARABOLIC RECESSED LAY-IN TROFFERS WITH 3 X 32W T8 LAMPS. BASED ON COOPER LIGHTING 2GCAML.
- 2 24"x24" PARABOLIC RECESSED LAY-IN TROFFERS WITH 2 X U-31W T8 LAMPS. BASED ON COOPER LIGHTING 2GCAML.
- 3 LIGHT SWITCH.
- 4 3-WAY LIGHT SWITCH.
- 5 277 V CIRCUIT HOME RUN TO 7A ELECTRICAL CLOSET APPROXIMATELY 80 FT AWAY. CONNECT TO PANEL AS SHOWN AND SUPPLY NEW 20 AMP BREAKER. USE WIRE SIZE AS SPECIFIED BY NEC CODE. SEE SPECIFICATIONS FOR FULL INSTALLATION REQUIREMENTS.



IF THIS SHEET IS NOT 24" x 36"
FULL SIZE, USE GRAPHIC SCALES


PANEL: L7A				LOC. AT 7A-07A				MTD. <input checked="" type="checkbox"/> FLUSH <input type="checkbox"/> SURFACE				FED FR.SERVICE							
RATINGS:480Y/277V. -3PH.-4W.-30 P.				225				AMP. CU. BUS				<input type="checkbox"/> ISO. GND. BUS							
FEEDER: #				COPPER				SECTION NO. 1											
MAIN DEVICE:				AMP. 3 P.				<input type="checkbox"/> C/B				<input type="checkbox"/> SHUNT TRIP C/B							
								<input type="checkbox"/> LUGS				<input type="checkbox"/> FU. & SW.							
												<input type="checkbox"/> DOUBLE LUGS							
CIRCUIT		PH. LOAD (VA)			WIRE (AWG.)		<input checked="" type="checkbox"/> C/B <input type="checkbox"/> FUSE		WIRE (AWG.)		PH. LOAD (VA)			CIRCUIT					
NO.	SERVING	A	B	C		(AMP)		(AMP)			C	B	A	SERVING	NO				
1	EXISTING				EXISTING	20		20	EXISTING					EXISTING	2				
3															4				
5															6				
7								-	-					SPARE	8				
9								20	2#12+GD-3/4"C					NEW LTG	10				
11								-	-					SPARE	12				
13								-	-						14				
15	SPARE				-	-		-	-						16				
17					-	-		-	-						18				
19					-	-		-	-						20				
21					-	-		-	-						22				
23					-	-		-	-						24				
25					-	-		-	-					SPACE	26				
27					-	-		-	-						28				
29					-	-		-	-						30				
TOT. ODD CKT.					TOT. CONN. LOAD:					KVA					TOT. EVEN CKT.				
					TOT. DEM. LOAD:					KVA									

PANEL: P7A SECTION 3				LOC. AT 7A-07A				MTD. <input type="checkbox"/> FLUSH <input checked="" type="checkbox"/> SURFACE				FED FR.SERVICE			
RATINGS:208Y/120V. -3PH.-4W.-36 P.				225				AMP. CU. BUS				<input type="checkbox"/> ISO. GND. BUS			
FEEDER: #				COPPER				SECTION NO. 1							
MAIN DEVICE: 150 AMP. 3 P.				<input checked="" type="checkbox"/> C/B				<input type="checkbox"/> SHUNT TRIP C/B				<input type="checkbox"/> LUGS			
												<input type="checkbox"/> FU. & SW.			
												<input type="checkbox"/> DOUBLE LUGS			
CIRCUIT		PH. LOAD (VA)		WIRE (AWG.)		<input checked="" type="checkbox"/> C/B <input type="checkbox"/> FUSE		WIRE (AWG.)		PH. LOAD (VA)		CIRCUIT			
NO.	SERVING	A	B	C		(AMP)		(AMP)		C	B	A	SERVING	NO	
57	EXISTING				EXISTING	20		20	EXISTING				EXISTING	58	
59														60	
61														62	
63														64	
65														66	
67														68	
69														70	
71														72	
73														74	
75														76	
77														78	
79	SPARE				-	-		20	EXISTING				EXISTING	80	
81	SPARE				-	-		-	-				SPARE	82	
83	NEW RECEPT				2#12+GD-3/4"C	20		20	2#12+GD-3/4"C				NEW RECEPT	84	
85	NEW RECEPT				2#12+GD-3/4"C	20		20	2#12+GD-3/4"C				NEW RECEPT	86	
87	NEW RECEPT				2#12+GD-3/4"C	20		-	-				SPACE	88	
89	SPACE				-	-		-	-					90	
91					-	-		-	-					92	
TOT. ODD CKT.				TOT. CONN. LOAD:				KVA				TOT. EVEN CKT.			
				TOT. DEM. LOAD:				KVA							



1 CONDUIT THROUGH INTERIOR WALL
EP-03 NOT TO SCALE

DESIGN CHANGE APPROVED	CONSULTANT FIRM	ARCHITECTURAL ENGINEERING FIRM	Medical Center Director Approval	Drawing Title ELECTRICAL PANEL SCHEDULE AND DETAILS	Project Title EXPAND SPINAL CORD RESEARCH			Project Number 526-16-106		Office of Facility Management Service		
			Associate Director Approval					Building Number 100				
			Chief Nurse Executive / Chief of Staff Approval	Chief Engineer Approval		Location Bronx, New York		Drawing Number A-1				
			PCC Director Approval	Safety Manager Approval		Date 05/22/15	Checked xxx	Drawn DN	Dwg. 16 of 16			
DESCRIPTION			DATE									

 DEPARTMENT OF VETERANS AFFAIRS
