TYPICAL MOUNTING HEIGHTS

THE CONTRACTOR SHALL COORDINATE THE MOUNTING HEIGHT OF ALL FIXTURES, DEVICES, AND OUTLETS WITH ARCHITECTURAL PLANS AND ELEVATIONS. SPECIAL MOUNTING HEIGHTS SHOWN ON THE PLANS SHALL TAKE PRECEDENCE OVER THOSE GIVEN BELOW. ALL MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO CENTERLINE OF DEVICE, UNLESS NOTED OTHERWISE.

LIGHTING FIXTURES INTERIOR	WALL MOUNTED, SCONCE WALL MOUNTED, ABOVE MIRROR WALL MOUNTED, ABOVE DOOR WALL MOUNTED, ABOVE STAIR LANDING IN SOFFIT	6'-6" 0'-8" ABOVE TOP OF MIRROR CENTER BETWEEN FRAME & CEILING 7'-0" (SEE ACHITECTURAL DETAIL)
EXTERIOR	WALL MOUNTED, BESIDE DOOR STEP MOUNTED WALL MOUNTED, NEAR GRADE WALL MOUNTED, NEAR ROOF	6'-0" (SEE ARCHITECTURAL DETAIL) 8'-0" ABOVE GRADE LEVEL 2'-6" BELOW PARAPET
SWITCHES	WALL SWITCHES AND DIMMERS MANUAL MOTOR STARTERS	3'-10" 3'-10"
RECEPTACLES	WALL ABOVE COUNTER WITHOUT BACKSPLASH ABOVE COUNTER WITH BACKSPLASH IN O.R.'S X-RAY FILM ILLUMINATORS FOR TELEVISION WALL HUNG SINKS (GFCI) PHYSICAL THERAPY (GFCI) CLOCK	1'-6" 0'-8" ABOVE TOP OF COUNTER 0'-4" ABOVE TOP OF BACKSPLASH 1'-6" 2" BELOW AND 2" TO THE RIGHT OF LOWER RIGHT HAND CORNER (SAME AS TV OUTLET) 3'-6" 3'-0" 1'-0" BELOW CEILING
MULTIOUTLET RACEWAY	WALL ABOVE COUNTER WITHOUT BACKSPLASH ABOVE COUNTER WITH BACKSPLASH	3'-0" 0'-8" ABOVE TOP OF COUNTER 0'-4" ABOVE TOP OF BACKSPLASH
TELEPHONE	DESK/TABLE WALL TELEPHONE PAY TELEPHONE ABOVE COUNTER WITHOUT BACKSPLASH ABOVE COUNTER WITH BACKSPLASH PAY TELEPHONE, HANDICAPPED	1'-6" 3'-10" 3'-10" 0'-8" ABOVE TOP OF COUNTER 0'-4" ABOVE TOP OF BACKSPLASH (SEE ARCHITECTURAL DETAIL)
DATA OUTLETS	WALL ABOVE COUNTER WITHOUT BACKSPLASH ABOVE COUNTER WITH BACKSPLASH	1'-6" 0'-8" ABOVE TOP OF COUNTER 0'-4" ABOVE TOP OF BACKSPLASH
ELECTRICAL EQUIPMENT	SAFETY SWITCH MOTOR STARTER PANELBOARD COMMUNICATIONS CABINET	6'-6" TO TOP OF ENCLOSURE 6'-6" TO TOP OF ENCLOSURE 6'-6" TO TOP OF ENCLOSURE 6'-6" TO TOP OF ENCLOSURE
TV CABLE OUTLET	WALL ARMOIRES WALL BRACKET	1'-6" 0'-4" ABOVE SHELF FOR TV CENTERLINE OF BRACKET
CONTROL/SECURITY	DOOR ALARM PUSHBUTTON DOOR ACCESS KEYPAD CCTV CAMERA CCTV MONITOR	3'-10" 3'-10" 3'-10" 0'-6" BELOW CEILING LEVEL –
FIRE ALARM	MANUAL PULL CHIME, HORN AND/OR STROBE SMOKE, HEAT DETECTORS CONTROL PANEL, ANNUNCIATOR MAGNETIC DOOR HOLDER	3'-10" 6'-8" OR 0'-6" BELOW CEILING (WHICHEVER IS LOWER) CEILING 6'-6" TO TOP OF ENCLOSURE 0'-8" DOWN FROM TOP OF DOOR
NURSE CALL	EMERGENCY PULL CORD STATION @ TOILET @ SHOWER SINGLE OR DUAL PATIENT STATION CODE BLUE STAFF AND DUTY STATIONS DOME AND ZONE LIGHTS NURSE PRESENCE STATIONS NURSE CALL MASTER STATION NURSE CALL TERMINAL CABINET	3'-10" 3'-6" AT HEIGHT OF SHOWER HEAD 3'-10" 3'-10" 3'-10" CEILING 3'-10" 0'-8" ABOVE COUNTER 6'-6" TO TOP OF ENCLOSURE
MONITOR	WALL ABOVE COUNTER WALL BRACKET SOFFIT	1'-6" 0'-8" ABOVE TOP OF COUNTER CENTERLINE OF BRACKET (SEE ARCHITECTURAL DETAIL)

ELECTRICAL ABBREVIATIONS

ABBR.	DEFINITION	ABBR.	DEFINITION
A	AMPERE	JB	JUNCTION BOX
ABC	ABOVE COUNTER	KV	KILOVOLT
AC	ALTERNATING CURRENT	KVA	KILOVOLT-AMPERE
AF	AMPERE FUSE	KW	KILOWATT
AFF	ABOVE FINISHED FLOOR	LTG	LIGHTING
AHU	AIR HANDLING UNIT	MAX	MAXIMUM
KAIC	AMPS INTERRUPTING CAPACITY x1000	MCB	MAIN CIRCUIT BREAKER
AT	AMPERE TRIP	MCC	MOTOR CONTROL CENTER
ANN	ANNUNCIATOR	MCM	CIRCULAR MILS, THOUSANDS
APPROX	APPROXIMATE	MECH	MECHANICAL
ARCH	ARCHITECT	MFR	MANUFACTURER
ATS	AUTOMATIC TRANSFER SWITCH	MGAP	MEDICAL GAS ALARM PANEL
AWG	AMERICAN WIRE GAUGE	MLO	MAIN LUGS ONLY
BLDG	BUILDING	MTD	MOUNTED
BSMT	BASEMENT	MTG	MOUNTING
C	CONDUIT	NEC	NATIONAL ELECTRICAL CODE
CAB	CABINET	NTS	NOT TO SCALE
CB	CIRCUIT BREAKER	PNL	PANEL
CKT	CIRCUIT	PH	PHASE
CLG	CEILING	P	POLE
CL	CENTER LINE	PFB	PROVISIONS FOR BREAKER
CT	CURRENT TRANSFORMER	PA	PUBLIC ADDRESS
CU	COPPER	RECP	RECEPTACLE
DISC	DISCONNECT	REFRIG	REFRIGERATOR
DN	DOWN	REQD	REQUIRED
DWG	DRAWING	SN	SOLID NEUTRAL
EA	EACH	SPKR	SPEAKER
EDF	ELECTRIC DRINKING FOUNTAIN	SPEC	SPECIFICATION
EF	EXHAUST FAN	SWBD	SWITCHBOARD
ELEV	ELEVATOR	SWGR	SWITCHGEAR
EP	EXPLOSION-PROOF	TEL	TELEPHONE
EQPT	EQUIPMENT	TTB	TELEPHONE TERMINAL BOARD
ETR	EXISTING TO REMAIN	TV	TELEVISION
EXTG	EXISTING	TVSS	TRANSIENT VOLT. SURGE SUPPRESSOR
FA	FIRE ALARM	TYP	TYPICAL
FACP	FIRE ALARM CONTROL PANEL	UC	UNDER COUNTER
FCU	FAN COIL UNIT	UH	UNIT HEATER
FLA	FULL LOAD AMPS	V	VOLT
FLR	FLOOR	VA	VOLTAMPERE
GFI	GROUND FAULT INTERRUPTER	W	WATT
GND	GROUND	WH	WATER HEATER
HTR	HEATER	WP	WEATHER-PROOF
HT	HEIGHT	W/	WITH
HP	HORSE POWER	W/O	WITHOUT
HW	HOT WATER	XFMR	TRANSFORMER
HWC	HOT WATER CIRCULATING	XFR	TRANSFER
NCAND	INCANDESCENT		

LEGEND

*NOTE: NOT ALL SYMBOLS MAY BE USED IN THIS DRAWING PACKAGE.

SYMBOL	DESCRIPTION
LIGHTING	
5	DESIGNATES FIXTURE TYPE – SEE LIGHTING FIXTURE SCHEDULE
5	ALL FIXTURES IN THIS SPACE SHALL BE THE SAME TYPE INDICATED
	NORMAL BRANCH SURFACE OR RECESSED FLUORESCENT FIXTURE (TYPE DETERMINES MOUNTING)
	CRITICAL BRANCH SURFACE OR RECESSED FLUORESCENT FIXTURE (TYPE DETERMINES MOUNTING)
	LIFE-SAFETY BRANCH SURFACE OR RECESSED FLUORESCENT FIXTURE (TYPE DETERMINES MOUNTING)
	NORMAL BRANCH SURFACE OR RECESSED FIXTURE (TYPE DETERMINES MOUNTING)
	CRITICAL BRANCH SURFACE OR RECESSED FIXTURE (TYPE DETERMINES MOUNTING)
	LIFE-SAFETY BRANCH SURFACE OR RECESSED FIXTURE (TYPE DETERMINES MOUNTING)
	NORMAL BRANCH SURFACE OR SUSPENDED FLUORESCENT FIXTURE (TYPE DETERMINES MOUNTING)
	CRITICAL BRANCH SURFACE OR SUSPENDED FLUORESCENT FIXTURE (TYPE DETERMINES MOUNTING)
	LIFE-SAFETY BRANCH SURFACE OR SUSPENDED FLUORESCENT FIXTURE (TYPE DETERMINES MOUNTING)
	NORMAL BRANCH WALL BRACKET FIXTURE
	CRITICAL BRANCH WALL BRACKET FIXTURE
	LIFE-SAFETY BRANCH WALL BRACKET FIXTURE
	EXIT LIGHT, PROVIDE DIRECTIONAL ARROWS AS INDICATED ON PLANS
	BATTERY POWERED EMERGENCY LIGHT
	TRACK LIGHTING
	GROUND AND POLE MOUNTED SITE FIXTURES
SWITCHES	
S	SINGLE POLE SWITCH
$	SINGLE POLE SWITCH – LINE INDICATES EMERGENCY BRANCH (REFER TO SPECS. FOR COLOR AND TYPE)
$_2$	DOUBLE POLE SWITCH – CENTER OFF
$_3$	THREE WAY SWITCH
$_4$	FOUR WAY SWITCH
$_K$	SINGLE POLE SWITCH – KEY OPERATED
$_D$	DIMMER SWITCH
$_{IT}$	INTERVAL TIMER CONTROL SWITCH
$_P$	SINGLE POLE SWITCH WITH PILOT LIGHT
^{OC}	OCCUPANCY SENSOR SWITCH
^{M}	MANUAL MOTOR STARTER
^{MTO}	MANUAL MOTOR STARTER WITH THERMAL OVERLOADS
	PUSH BUTTON SWITCH (MUSHROOM BUTTON)
POWER – RECEPTACLES	
	120V. DUPLEX RECEPTACLE – (REFER TO RECEPTACLE ABBREVIATIONS FOR EXCEPTIONS)
	120V. DUPLEX RECEPTACLE – SPECIAL MOUNTING HEIGHT (REFER TO RECEPTACLE ABBREVIATIONS FOR EXCEPTIONS)
	120V. QUADRUPLEX RECEPTACLE – (REFER TO RECEPTACLE ABBREVIATIONS FOR EXCEPTIONS)
	120V. QUADRUPLEX RECEPTACLE – SPECIAL MOUNTING HEIGHT (REFER TO RECEPTACLE ABBREVIATIONS FOR EXCEPTIONS)
	120V. DUPLEX RECEPTACLE – (REFER TO RECEPTACLE ABBREVIATIONS FOR EXCEPTIONS)
	120V. DUPLEX RECEPTACLE – (REFER TO RECEPTACLE ABBREVIATIONS FOR EXCEPTIONS)
	250V., 2-POLE, SINGLE RECEPTACLE, RATINGS AS SHOWN ON PLANS
	SPECIAL RECEPTACLE (TYPE AS NOTED)
	120V. GFI RECEPTACLE (SPECIAL MOUNTING HEIGHT)
	120V. GFI RECEPTACLE
	120V. GFI QUADRUPLEX RECEPTACLE – (REFER TO RECEPTACLE ABBREVIATIONS FOR EXCEPTIONS)
	CONNECTION FOR FILM ILLUMINATOR, COORDINATE ROUGH-IN PRIOR TO INSTALLATION
C	WIREMOLD – LENGTH AS REQUIRED – EMERGENCY POWER
	WIREMOLD – LENGTH AS REQUIRED – NORMAL POWER
GM	GROUND JACK MODULE
GB	GROUNDING COLLECTION BUS
RGM	GROUND AND RECEPTACLE MODULE
J	GROUND AND RECEPTACLE MODULE
MISCELLANEOUS	
SP	CEILING MOUNTED SPEAKER

INFECTION CONTROL NOTES

LOW ASSESSMENT AREA:

NO WORK SHALL COMMENCE WITHOUT PRIOR SCHEDULING WITH AND APPROVAL OF CONSTRUCTION MANAGER. ALL FURNITURE, SHELVING AND EQUIPMENT TO REMAIN IN PLACE DURING CONSTRUCTION SHALL BE PROTECTED WITH PLASTIC SHEETING, SEALED WITH TAPE.

EQUIPMENT REQUIRING AIR CIRCULATION OR VENTILATION SHALL NOT HAVE AIR FLOW RESTRICTED WITH PLASTIC SHEETING.

TO MINIMIZE DUST AND DEBRIS, VACUUM TOP OF CEILING TILES TO EXTENT POSSIBLE BEFORE REMOVING FROM GRID. CLEAN WITH DAMP CLOTH ALL SPRINKLER PIPE PRIOR TO REMOVAL FROM CEILING SPACE.

CONTAIN ALL DEMOLITION PRODUCT IN SEALED BAGS OR SEALED PLASTIC SHEETING PRIOR TO REMOVAL FROM CONSTRUCTION AREA.

ALL CEILING TILES REMOVED FOR PIPE AND SPRINKLER INSTALLATION SHALL BE REINSTALLED AT THE END OF EVERY WORK SHIFT TO MAINTAIN SMOKE BARRIER. VACUUM CEILING TILES PRIOR TO REINSTALLATION.

VACUUM AREA OF CONSTRUCTION WITH HEPA FILTERED VACUUM AT THE END OF EVERY WORK SHIFT. DAMP MOP FLOOR.

REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

MEDIUM ASSESSMENT AREA:

NO WORK SHALL COMMENCE WITHOUT PRIOR SCHEDULING WITH AND APPROVAL OF CONSTRUCTION MANAGER AND SUITE, FLOOR OR DEPARTMENT PERSONNEL. ALL FURNITURE, SHELVING AND EQUIPMENT TO REMAIN IN PLACE DURING CONSTRUCTION SHALL BE PROTECTED WITH PLASTIC SHEETING, SEALED WITH TAPE.

EQUIPMENT REQUIRING AIR CIRCULATION OR VENTILATION SHALL NOT HAVE AIR FLOW RESTRICTED WITH PLASTIC SHEETING.

AREA OF CONSTRUCTION SHALL BE ISOLATED TO PREVENT DIRT AND DEBRIS FROM CONTAMINATING ADJACENT SPACES DURING CONSTRUCTION.

IF ISOLATION CANNOT BE ACCOMPLISHED BY CLOSING OF DOORS, INSTALL TEMPORARY FIRE-RETARDANT POLYSTYRENE BARRIER WALL (MINIMUM 6 MIL THICKNESS), FULL HEIGHT, FLOOR TO CEILING. TAPE FULL PERIMETER OF SHEETING AT BOTH CEILING AND FLOOR TO PROVIDE DUST TIGHT SEAL BETWEEN BARRIER WALL, CEILING AND FLOOR. ALTERNATE TEMPORARY WALL SUPPORT/HEADER SYSTEM WHICH PROVIDES DUST TIGHT SEAL IS ACCEPTABLE FOR USE WITH PRIOR APPROVAL OF HOSPITAL INFECTION CONTROL REPRESENTATIVE. PROVIDE ZIPPER ACCESS THROUGH TEMPORARY WALL AND MINIMUM 24" X 30" MULTI-SHEET, DISPOSABLE TACK MAT AT POINT OF ENTRY TO CONSTRUCTION AREA.

PROVIDE PORTABLE AIR SCRUBBER(S) WITH HEPA FILTRATION TO MAINTAIN NEGATIVE AIR PRESSURE WITHIN THE CONSTRUCTION AREA. PROVIDE ELECTRONIC DIFFERENTIAL PRESSURE MONITOR WITH CONTINUOUS READ-OUT AND PROGRAMMABLE ALARM SETPOINTS. FILTERED AIR SHALL DISCHARGE TO OUTSIDE THE BUILDING OR ABOVE CEILING.

CONTAIN ALL DEMOLITION PRODUCT IN SEALED BAGS OR SEALED PLASTIC SHEETING PRIOR TO REMOVAL FROM CONSTRUCTION AREA.

ALL CEILING TILES REMOVED FOR PIPE AND SPRINKLER INSTALLATION SHALL BE REINSTALLED AT THE END OF EVERY WORK SHIFT TO MAINTAIN SMOKE BARRIER. VACUUM CEILING TILES PRIOR TO FINAL REINSTALLATION.

VACUUM AREA OF CONSTRUCTION WITH HEPA FILTERED VACUUM AT THE END OF EVERY WORK SHIFT. DAMP MOP FLOOR.

DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL SYSTEM HAS BEEN TESTED AND COMPLETED PHASE IS INSPECTED BY THE VA COTR, INFECTION CONTROL REPRESENTATIVE, AND SAFETY DEPARTMENT. CLEAN AREA THOROUGHLY BEFORE SCHEDULING INSPECTION.

CLEAN TEMPORARY BARRIER AND REMOVE CAREFULLY TO MINIMIZE SPREAD OF DIRT AND DEBRIS.

REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

HIGH ASSESSMENT AREA:

NO WORK SHALL COMMENCE WITHOUT PRIOR SCHEDULING WITH AND APPROVAL OF CONSTRUCTION MANAGER AND SUITE, FLOOR OR DEPARTMENT PERSONNEL. ALL FURNITURE, SHELVING AND EQUIPMENT TO REMAIN IN PLACE DURING CONSTRUCTION SHALL BE PROTECTED WITH PLASTIC SHEETING, SEALED WITH TAPE.

EQUIPMENT REQUIRING AIR CIRCULATION OR VENTILATION SHALL NOT HAVE AIR FLOW RESTRICTED WITH PLASTIC SHEETING.

AREA OF CONSTRUCTION SHALL BE ISOLATED TO PREVENT DIRT AND DEBRIS FROM CONTAMINATING ADJACENT SPACES DURING CONSTRUCTION.

ALL PERSONNEL ARE REQUIRED TO WEAR CLOTH OR PAPER COVERALLS AND SHOE COVERS IN AREA OF CONSTRUCTION. NEW SHOE COVERS SHALL BE USED EVERY TIME A WORKER ENTERS THE CONSTRUCTION AREA.

INSTALL TEMPORARY FIRE-RETARDANT POLYSTYRENE BARRIER WALL (MINIMUM 6 MIL THICKNESS), FULL HEIGHT, FLOOR TO CEILING. TAPE FULL PERIMETER OF SHEETING AT BOTH CEILING AND FLOOR TO PROVIDE DUST TIGHT SEAL BETWEEN BARRIER WALL, CEILING AND FLOOR. ALTERNATE TEMPORARY WALL SUPPORT/HEADER SYSTEM WHICH PROVIDES DUST TIGHT SEAL IS ACCEPTABLE FOR USE WITH PRIOR APPROVAL OF HOSPITAL INFECTION CONTROL REPRESENTATIVE. PROVIDE ZIPPER ACCESS THROUGH TEMPORARY WALL.

WHEN CEILING IS REMOVED, EXTEND TEMPORARY BARRIER WALL UP TO STRUCTURE ABOVE TO PREVENT INFILTRATION THROUGH CEILING SPACE.

PROVIDE MINIMUM 24" X 30" MULTI-SHEET, DISPOSABLE TACK MAT AT POINT OF ENTRY TO CONSTRUCTION AREA. REFRESH MAT FREQUENTLY DURING EVERY WORK SHIFT.

PROVIDE PORTABLE AIR SCRUBBER(S) WITH HEPA FILTRATION TO MAINTAIN NEGATIVE AIR PRESSURE WITHIN THE CONSTRUCTION AREA. PROVIDE ELECTRONIC DIFFERENTIAL PRESSURE MONITOR WITH CONTINUOUS READ-OUT AND PROGRAMMABLE ALARM SETPOINTS. FILTERED AIR SHALL DISCHARGE TO OUTSIDE THE BUILDING WHERE POSSIBLE.

INDOOR AIR QUALITY SHALL BE MONITORED BY THE HOSPITAL INFECTION CONTROL DEPARTMENT. ANY VIOLATIONS SHALL BE ADDRESSED IMMEDIATELY AND APPROVED BY THE HOSPITAL PRIOR TO PROCEEDING WITH WORK.

CONTAIN ALL DEMOLITION PRODUCT TIGHTLY COVERED CONTAINERS, SEALED BAGS OR SEALED PLASTIC SHEETING PRIOR TO REMOVAL FROM CONSTRUCTION AREA.

ALL CEILING TILES REMOVED FOR PIPE AND SPRINKLER INSTALLATION SHALL BE REINSTALLED AT THE END OF EVERY WORK SHIFT TO MAINTAIN SMOKE BARRIER. VACUUM CEILING TILES PRIOR TO FINAL REINSTALLATION.

VACUUM AREA OF CONSTRUCTION WITH HEPA FILTERED VACUUM AT THE END OF EVERY WORK SHIFT. DAMP MOP FLOOR.

DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL SYSTEM HAS BEEN TESTED AND COMPLETED PHASE IS INSPECTED BY THE VA COTR, INFECTION CONTROL REPRESENTATIVE, AND SAFETY DEPARTMENT. CLEAN AREA THOROUGHLY BEFORE SCHEDULING INSPECTION.

CLEAN TEMPORARY BARRIER AND REMOVE CAREFULLY TO MINIMIZE SPREAD OF DIRT AND DEBRIS.

REFER TO SPEICIFCATIONS FOR ADDITIONAL REQUIREMENTS.

DRAWING INDEX

SHEET NO.	SHEET TITLE
E000	ELECTRICAL LEGENDS, INDEX, NOTES AND SCHEDULES
E101	PARTIAL BASEMENT ELECTRICAL DEMOLITION PLAN
E201	PARTIAL BASEMENT ELECTRICAL PLAN
E601	ELECTRICAL ONE-LINE DIAGRAM
E801	ELECTRICAL PANEL SCHEDULES

ELECTRICAL GENERAL NOTES

1. DRAWINGS ARE SCHEMATIC IN NATURE AND MAY NOT BE DRAWN EXACTLY TO SCALE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH EXISTING CONDITIONS AND WITH ALL OTHER TRADES.
2. VERIFY CEILING TYPES WITH ARCHITECT PRIOR TO ORDERING LIGHT FIXTURES TO ENSURE COMPATIBLE FIXTURE TRIMS AND MOUNTING HARDWARE.
3. ALL CIRCUITS SHALL INCLUDE A GREEN GROUND CONDUCTOR SIZED IN ACCORDANCE WITH NEC SECTION 250, OR LARGER IF NOTED.
4. ALL PENETRATIONS OF FIRE RATED PARTITIONS DUE TO THE INSTALLATION OF ELECTRICAL SYSTEMS SHALL BE SEALED TO MAINTAIN THE FIRE RATING OF THE WALL.
5. WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, THE AUTHORITY HAVING JURISDICTION, AND VA SPECIFICATIONS.
6. COORDINATE LOCATIONS OF EQUIPMENT AND DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. COORDINATE ROUTING OF RACEWAYS WITH ARCHITECT PRIOR TO ROUGH-IN.
7. REFER TO ARCHITECTURAL PLANS FOR PHASING OF CONSTRUCTION.
8. REFER TO ARCHITECTURAL PLANS FOR INFECTION CONTROL ASSESSMENT AREAS.

SPS SECURITY REQUIREMENTS

1. ACCESS TO SPS/SPD UNIT SHALL BE THROUGH SECURED ENTRANCE ANTE-ROOM FROM THE NORTH CORRIDOR, WITH STAFF NOTIFICATION AND APPROVAL.
2. CONTRACTORS SHALL BE FULLY GOWNED WITH PROTECTIVE DISPOSABLE COVERALLS, GLOVES, HAIR AND BEARD COVERS, AND SHOE COVERS WHILE MOVING THROUGH THE SPS/SPD DEPARTMENT. INTO THE CONSTRUCTION BARRIER. PROTECTIVE WEAR SHALL BE REMOVED WHEN ENTERING THE CONSTRUCTION BARRIER, PUT ON AGAIN TO TRAVEL THROUGH THE DEPARTMENT, AND THEN REMOVED UPON EXITING THE DEPARTMENT AND ENTERING THE GENERAL HOSPITAL. GOWNING SHALL TAKE PLACE IN THE DEPARTMENT ANTE-ROOM(S) UPON ENTERING AND EXITING THE DEPARTMENT.
3. WORKERS WORKING EITHER IN THE SUBBASEMENT OR IN ROOM BA 113, SPS DECONTAMINATION CANNOT GO DIRECTLY TO ROOM BA 110, SPS PREPARATION. THEY MUST REMOVE ANY GOWN UP PPE (DECON) OR WIPE DOWN CLOTHING AND BOOTS (SUBBASEMENT), BEFORE GOING TO THE SPS PREP ANTE-ROOM (B) FOR STERILE GOWN UP PPE.

PENETRATIONS

1. X-RAY SLAB AT LOCATIONS OF ALL NEW FLOOR PENETRATIONS PRIOR TO CORE DRILLING. AVOID CUTTING REBAR. NO PENETRATIONS ARE ALLOWED THROUGH THE EXISTING THICKENED SLAB WHICH EXTENDS APPROXIMATELY SIX FEET FROM EDGE OF COLUMNS. PIPING FOR FIXTURES LOCATED ABOVE THE THICKENED SLAB SHALL BE OFFSET ABOVE FLOOR IN WALL SPACE OR BELOW CASEWORK TO AVOID STRUCTURAL SLAB PENETRATION.
2. ALL PENETRATIONS MADE IN FLOORS, CEILINGS, FIRE/SMOKE BARRIERS, PARTITIONS, ETC. CREATED FOR THE PURPOSE OF INSTALLING/REMOVING PIPE, CONDUIT, CABLE, OR DUCTWORK, OTHER MODIFICATIONS INCLUDING INCIDENTAL DAMAGE, OR THE REMOVAL OF SUCH ITEMS WILL BE REPAIRED/SEALED WITH FIRE STOPPING MATERIAL UPON COMPLETION OF THE WORK AND DOCUMENTED AS REPAIRED. FIRE STOPPING MATERIAL MUST MEET NFPA 101 (2012) 8.3.5 AND 8.4.4 STANDARDS TO ENSURE THE ORIGINAL INTEGRITY AND RATING FOR THE PENETRATED SURFACE IS RESTORED. TEMPORATY METHODS OF SEALING SHALL BE USED IF WORK CANNOT BE COMPLETED WITHIN 24 HOURS. THIS POLICY APPLIES TO ALL VERTICAL AND HORIZONTAL PENETRATIONS AND TO ALL EOHCS STAFF AND CONTRACTORS. A PENETRATION PERMIT WILL BE OBTAINED 24 HOURS IN ADVANCE, FROM THE FACILITIES SAFETY OFFICE, PRIOR TO THE WORK. UPON COMPLETIONS OF ANY PENETRATION REPAIR, A VISUAL INSPRCTION FOR APPROVAL MUST BE REQUESTED FROM THE COTR AND SAFETY OFFICE.

CONSTRUCTION PHASING AND SCHEDULING

1. CONSTRUCTION SHALL BE COMPLETED IN PHASES TO ALLOW FOR UNINTERRUPTED USE OF HOSPITAL FACILITIES. REFER TO THE ARCHITECTURAL PLANS FOR SEQUENCE OF CONSTRUCTION AND PHASING REQUIREMENTS.
2. SCHEDULE DOWNTIME, INCLUDING THE DATE, TIME, AND DURATION OF DOWNTIME OF EFFECTED ELECTRICAL SERVICE TO THE HOSPITAL, SPS, AND ADJOINING EFFECTED AREAS WITH THE COTR IN ADVANCE. NO EQUIPMENT OR SERVICES SHALL BE DISCONNECTED OR RENDERED NON-FUNCTIONAL WITHOUT SCHEDULING AND PRIOR APPROVAL OF THE COTR.
3. SCHEDULE WORK AFTER HOURS AND DURING THE WEEKEND TO MINIMIZE ELECTRICAL OUTAGES DURING OPERATIONAL TIME OF THE SPS, AND ADJOINING AREAS.

COLORADO LICENSED PROFESSIONAL ENGINEER GEORGE E. VERSTRAETE 29554 2/12/13

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KEY NOTES

GENERAL NOTES

DEMOLITION LEGEND

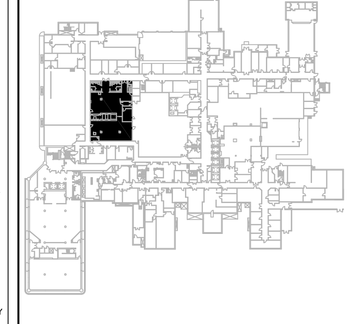
SYMBOL	DESCRIPTION
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	DEMO TO THIS POINT

ONE HOUR FIRE WALL

TWO HOUR FIRE WALL

SMOKE ZONE

KEY PLAN



CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Revisions: Date

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Drawing Title: ELECTRICAL NOTES, LEGENDS, AND ABBREVIATIONS

Approved: Project Director

Project Title: **SPS PIPING AND EQUIPMENT SITE PREP**

Location: DENVER VA MEDICAL CENTER

Date: 12 FEB, 2013 | Checked: GEV | Drawn: TAH

Project Number: 554-12-810

Building Number: BUILDING 1

Drawing Number: E000

Dwg. 15 of 19

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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