CSNG CTV	ACCESSIONING (LAB) ACTIVITY	ICE INF RESUS	ICE MACHINE INFANT RESUSCITATION	STR STAT LA
CTV DMIN RCPT DMIT DL BDRM	ACTIVITY ADMINISTRATIVE RECEPTION ADMITTING STATION ADULT BEDROOM	INF RESUS INFEC CTRL INFO INFO SYSTEM	INFANT RESUSCITATION INFECTION CONTROL INFORMATION DESK INFORMATION SYSTEM	STAT LA STEAM STER PF STER ST
DL KIT EROB	ADULT KITCHEN AEROBICS AREA	INFUS INT	INFUSION AREA INTERVIEW	STER SF STER
C LC NESTH	AIR CONDITIONING ALCOVE ANESTHESIA	INV ISOL IV PREP	INVENTORY ISOLATION ROOM IV PREPARATION	ST STRESS STRESS
NIM STOR NTE	ANIMAL STORAGE ANTE ROOM AUDIO VISUAL	IV ST ∎	IV STORAGE	STCH AL STCH ST SUB STA
JDLGY M	AUDIOLOGY AUTOMATED TELLER	J JAN	JANITOR'S CLOSET	SUB STE SUB WTO
ITOP	AUTOPSY	K		SPLY SUPP SURG
RM KIT D RM	BARIUM KITCHEN BEDROOM	KIT KIT/SAT	KITCHEN KITCHEN SATELLITE	SYN LAB T
O HAZ O EQUIP O MED	BIO-HAZARD BIOLOGY EQUIPMENT BIO-MEDICAL	L	KITCHEN SATELLITE	TDR TECH
O MED ENG O MED LAB O MED SAT	BIO-MEDICAL ENGINEERING BIO-MEDICAL LABORATORY BIO-MEDICAL SATELLITE	LDR LDRP	LABOR/DELIVERY/RECOVERY LABOR/DELIVERY/RECOVERY/POST	TEL TEL ALC TEL CL
O WST D BNK	BIO-MEDICAL WASTE BLOOD BANK	LAB LAB/SAT	PARDUM LABORATORY LABORATORY/SATELLITE	TEL VND TEL/DAT
.D DNR .D DWG .D GAS	BLOOD DONOR AREA BLOOD DRAWING BLOOD GAS LABORATORY	LDRY LIB	LAUNDRY LIBRARY	TV TEMP ST TEST
RD RM .R RM VE DNSTY	BOARD ROOM BOILER ROOM BONE DENSITY	LIB/CONF LIB/MEDIT LIGHT ADAPT	LIBRARY/CONFERENCE LIBRARY/MEDITATION LIGHT ADAPTATION	TLT (M-M H/C-I U-UN
KPG TQUE	BOOK KEEPING BOUTIQUE	LINR ACC LIN CH LIN STR	LINEAR ACCELERATOR LINEN CHUTE LINEN STORAGE	TLT/SH (I TRANS
rkdn Rk RM Rkdn/eq	BREAK DOWN BREAK ROOM BREAKDOWN EQUIPMENT	LR DOCK	LIVING ROOM LOADING DOCK	TRANS V TRANSFI TRANSFI
RST FD RST ULT JLK ST	BREAST FEEDING BREAST ULTRASOUND BULK STORAGE	LKRS LKRS F LKRS M	LOCKERS LOCKERS FEMALE LOCKERS MALE	TRSH TRAUMA TRMT
	DERTONAL	LKRS/CHNG LONG EX	LOCKERS/CHANGING LONG EXAM ROOM	TRMT BA TREAT/P TUB
G WSH NTEN	CAGE WASH CANTEEN	M MACH RM		U
ARD GYM ARD CATH ARD CIRCUIT	CARDIAC CATH GYM CARDIAC CATHETERIZATION CARDIAC CIRCUIT	MACH RM MRI MAIL	MAGNETIC RESONANCE IMAGING MAIL ROOM	ULTRA UBM
ARD REHAB ARD RM	CARDIAC REHABILITATION CARDIAC ROOM	MAINT MAMMO/STERO MGMT	MAINTENANCE MAMMOGRAPHY/STEROTACTIC MANAGEMENT	UNIT SEC UTIL
V COND V EXAM V STRESS TEST	CARDIOVASCULAR CONDITIONING CARDIOVASCULAR EXAM CARDIOVASCULAR STRESS TESTING	MANIFOLD MRKTG	MANIFOLD ROOM MARKETING	<u>v</u>
AST ATH PROC HNG (M-MALE, F-FEMALE,	CAST ROOM/ORTHO/FRACTURE CATHETERIZATION PROCEDURE CHANGING ROOM	MATL MGMT MECH MECH/ELEC	MATERIALS MANAGEMENT MECHANICAL MECHANICAL/ELECTRICAL	VND VEST VIEW
C-HANDICAPPED) HRT RD	CHART READING	MED REC MEDS MEDIT	MEDICAL RECORDS MEDICATION ROOM MEDITATION	VISUAL
HRT/HLD HRT/DCT HEM COLD ST	CHART HOLDING CHARTING/DICTATION CHEMICAL COLD STORAGE	MTG MEZZ	MEETING ROOM MEZZANINE	W WAIT
IEM ST IEM IEM IEMO	CHEMICAL STORAGE CHEMISTRY CHEMOTHERAPY	MICRO BIO LAB MOB DK	MICROBIOLOGY LABORATORY MOBILE DOCK	WARM WASH
HLD BIRTH ED HLD WTG	CHILD BIRTH EDUCATION CHILD BIRTH WAITING			W/C ALC W/C ST WK AREA
.SRM .SRM/CONF .SRM/CNSLT	CLASSROOM CLASSROOM CONFERENCE CLASSROOM CONSULT	NARC CLO NICU NEW NUR	NARCOTICS CLOSET NEONATAL INTENSIVE CARE UNIT NEWBORN NURSERY	WK STA WK RM
N EQPCP N HOLD N LINEN	CLEAN EQUIPMENT CLEAN HOLDING CLEAN LINEN	NIGHT PHARM NITROGEN ST NOISY ACTV	NIGHT PHARMACY NITROGEN STORAGE NOISY ACTIVITY	
N MED N ST	CLEAN MEDICATION CLEAN STORAGE	NOUR NUC MED	NOURISHMENT NUCLEAR MEDICINE	
N SPLY N SPLY/ST N UTIL	CLEAN SUPPLY CLEAN SUPPLY STORAGE CLEAN UTILITY	NRS STA	NURSE STATION	
ERCL/FLS IN CONS IN WK	CLERICAL/FILES CLINICAL CONSULT CLINICAL WORKSTATION	OBSERV	OBSERVATION	
D RM	CLOSET COLD ROOM	OBSERV/EXAM OBSERV/TREAT OB/GYN	OBSERVATION EXAM OBSERVATION TREATMENT OBSTETRIC/GYNECOLOGY	
DMM DMM EQ DMMUNITY	COMMUNICATION COMMUNICATION EQUIPMENT COMMUNITY ASSEMBLY	OT OFF	OCCUPATIONAL THERAPY OFFICE	
	COMPUTED TOMOGRAPHY COMPUTED TOMOGRAPHY CONTROL COMPUTED TOMOGRAPHY IMAGING	OFF SHRD OFF/CONF OFF/CONS	OFFICE SHARED OFFICE/CONFERENCE OFFICE CONSULT	
PREP	COMPUTED TOMOGRAPHY PREPARATION	OFF/EXAM ON-CALL LNG OR	OFFICE/EXAM ON-CALL LOUNGE OPERATING ROOM	
/IWP 「READ 「SCAN	COMPOSITE METAL WALL PANEL COMPUTED TOMOGRAPHY READING COMPUTED TOMOGRAPHY SCAN	OR CARDIAC OR EQ ST	OR CARDIOTHORACIC OR EQUIPMENT STORAGE	
SIM SIM DMP SERVER	COMPUTED TOMOGRAPHY SIMULATOR COMPUTER COMPUTER SERVER	OR ORTHO ORTHO ORTHO ST	OR ORTHOPEDIC ORTHOPEDIC ROOM ORTHOPEDIC STORAGE	
DMP ST NCSN	COMPUTER STATION CONCESSION AREA	OSTOMY ST OXYGEN ST	OSTOMY STORAGE OXYGEN STORAGE	
ICRG DNF/CNSLT DNF	CONCIERGE CONFERENCE/CONSULT CONFERENCE	P		
DNF/EDU DNF/GRP/THERAPY	CONFERENCE/EDUCATION CONFERENCE/GROUP/THERAPY	PNTR PARENT LKRS PASS	PANTRY PARENT LOCKERS PASSAGE	
DNF/LIB DNF/LNG DNF/OFF	CONFERENCE/LIBRARY CONFERENCE/LOUNGE CONFERENCE/OFFICE	PATH LAB PAT BAY	PATHOLOGY LABORATORY PATIENT BAY	
DNF/TEACH DUNSEL NSLT	CONFERENCE/TEACHING COUNSELING COUSULT	PAT EDUC PAT HOLD PAT INTAKE	PATIENT EDUCATION PATIENT HOLDING PATIENT INTAKE	
JELT/CONF JPY DRR	CONSULT/CONFERENCE COPY AREA CORRIDOR	PAT LKRS PAT LNG PAT PREP	PATIENT LOCKERS PATIENT LOUNGE PATIENT PREPARATION	
TYRD CU	COURTYARD CRITICAL CARE UNIT	PAT REG PED	PATIENT REGISTRATION PEDIATRIC	
SECT /STOL LAB /STOL	C-SECTION DELIVERY CYSTOLOGY LABORATORY CYSTOSCOPY	PED BAY PED BLOOD DWG PED OBSERV	PEDIATRIC BAY PEDIATRIC BLOOD DRAWING PEDIATRIC OBSERVATION	
		PED PLAY PHARM PHARM ST	PEDIATRIC PLAY PHARMACY PHARMACY STORAGE	
KRM AYRM	DARKROOM DAY ROOM	PHLEB PT PT GYM	PHLEBOTOMY PHYSICAL THERAPY PHYSICAL THERAPY GYM	
ECON ECON SHWR ENTAL LAB	DECONTAMINATION DECONTAMINATION SHOWER DENTAL LABORATORY	PT TRT	PHYSICAL THERAPY TREATMENT/ MODALITY ROOM	
AL CT	DIALYSIS DICTATION	PT/OT PT/OT GYM	PHYSICAL THERAPY/OCCUPATIONAL THERAPY PHYSICAL THERAPY/OCCUPATIONAL	
CT WK ET GTL IMAG	DICTATION WORKROOM DIETICIAN DIGITAL IMAGING	PET	THERAPY GYM POSITION EMISSION TOMOGRAPHY	
N N/ACT SH	DINING DINING/ACTIVITY DISHROOM	PACU PREP PREP/RECOV	POST ANESTHESIA CARE UNIT PREPARATION AREA PREPARATION/RECOVERY	
SPTCH STRIB	DISPATCH DISTRIBUTION	PRIV PRIV BAY PRIV BDRM	PRIVATE PRIVATE BAY PRIVATE BEDROOM	
MTRY	DOSIMETRY	PRIV RM PROC	PRIVATE ROOM PROCEDURE ROOM	
CHO CHO READ	ECHOCARDIOGRAM ECHOCARDIOGRAM READING	PROC/ASSESS PSYCH PSYCHOL	PROCEDURE/ASSESSMENT PSYCHIATRY PSYCHOLOGY	
DUC EC	EDUCATION ROOM ELECTRICAL	PUMP AM	PUMPING ROOM	
EC CL G READ G	ELECTRICAL CLOSET ELECTROCARDIAGRAM READING ELECTROCARDIAGRAM TESTING		QUIET ACTIVITY	
G LAB EG LAB	ELECTROENCEPHALOGRAM TESTING ELECTROPHYSIOLOGY LABORATORY ELECTRORETINOGRAPHY		QUIET ROOM	
IER ELEC IER GEN	EMERGENCY ELETRICITY EMERGENCY GENERATOR ROOM	RAD	RADIOLOGY	
IP HEALTH DO V SERV	EMPLOYEE HEALTH ENDOSCOPY PROCEDURE ENVIRONMENTAL SERVICES	READ RCPT/CSHR REC ARC	READING ROOM RECEPTION/CASHIER RECORD ARCHIVE	
VPM PPM ALC 'S	EQUIPMENT EQUIPMENT ALCOVE	REC ST RECOV	RECORD STORAGE RECOVERY	
AM AM/CNSLT	ENVIRONMENTAL SERVICES EXAM ROOM EXAM/CONSULT	RECOV BAY RECOV/OBS RECYC	RECOVERY BAY RECOVERY OBSERVATION RECYCLING	
AM/TREAT IERC IIST	EXAM/TREATMENT EXERCISE EXISTING	REFR REGIST	REFRIGERATOR REGISTRATION	
		REGIST/FIN REHAB GYM RESRCH	REGISTRATION/FINANCIAL REHABILITATION GYM RESEARCH	
M RM ED	FAMILY ROOM FEEDING ROOM	RES RM RESRCE RESRCE LIB	RESIDENT ROOM RESOURCE RESOURCE LIBRARY	
LE LE LES/ADMIN	FINISH FLOOR FILE STORAGE FILES ADMINISTRATION	RESP RT	RESPIRATORY RESPIRATORY THERAPY	
LM PROC LM READ	FILM PROCESSING ROOM FILM READING	REST RETHERM RETINA CTR	RESTAURANT RETHERM PANTRY RETINA CENTER	
N N COUN FITNESS CTR AUTOCL	FINANCE FINANCIAL COUNSEL FITNESS CENTER AUTOCLAVE/FLASH STERILIZER	S		
UORO IOD ST RM PREP	FLUOROSCOPY FOOD STORAGE FORMULA PREPARATION	SCHED SCOP CLN	SCHEDULING SCOPE CLEANING	
REE WGT R SECT	FREE WEIGHT AREA FROZEN SECTION	SCOP ST SCRUB ALC SCRUB	SCOPE STORAGE SCRUB ALCOVE SCRUB AREA	
ICTN RM IT EXP	FUNCTION ROOM FUTURE EXPANSION	SECL SECUR	SECLUSION ROOM SECURITY	
AR	CARACE	SEMI PRIV RM SERO SERV	SEMI PRIVATE ROOM SEROLOGY SERVERY	
AR EN STORES EN	GARAGE GENERAL STORES GENERATOR	SVC SERV ENTRY	SERVICE SERVICE ENTRY	
FT LAUC CTR WN WTG	GIFT SHOP GLAUCOMA CENTER GOWN WAITING	SHELL SHWR (M-MALE, F-FEMALE, H/C - HANDICAP)	SHELL SPACE SHOWER	
WN WTG F WN WTG M	GOWN WAITING FEMALE GOWN WAITING MALE	SIM SINK ALC SITZ	SIMULATOR SINK ALCOVE SITZ BATH	
RIEVING ROSS	GRIEVING ROOM GROSSING	SLP LAB SLP STUDY	SLEEP LABORATORY SLEEP STUDY ROOM	
		SOIL HOLD SOIL LN SOIL UTL	SOILED HOLDING SOILED LINEN SOILED UTILITY	
RIV H/C IWR H/C .T H/C STAFF	HANDICAP PRIVACY BEDROOM HANDICAP SHOWERS HANDICAP STAFF TOILET	SOLUTE SOL SORT SP CARE NUR	SOLARIUM SORTING AREA SPECIAL CARE NURSING	
T H/C T SH H/C IB H/C	HANDICAP TOILET HANDICAP TOILET/SHOWER HANDICAP TUB	SPEC PROC SP SERV	SPECIAL PROCEDURES SPECIAL SERVICES	
EM STO	HEMATOLOGY HISTOLOGY	SP STUD SP TEST SPEC	SPECIAL STUDIES SPECIAL TESTING SPECIMEN	
DLD	HOLDING HOOD AREA	STAGE I STAGE I ISOL	STAGE I - PACU STAGE I ISOLATION - PACU	
DOD DT LAB	HOT LABORATORY	STAGE II	STAGE II - RECOVERY	

	STAIR STAT LABORATORY STEAM ROOM STERILE PROCEDURE STERILE STORAGE	AB AD AC ACT ADD	ANCHOR BOLT AREA DRAIN AIR CONDITIONING ACOUSTICAL CEILING TILE ADDENDUM	MAS MAT'L MAX MECH MEMB	MASONRY MATERIAL MAXIMUM MECHANICAL MEMBRANE
	STERILE SUPPLY STERILIZER STORAGE	ADD'L ADJ AFF	ADDITIONAL ADJACENT ABOVE FINISHED FLOOR	MEP MFG	MECHANICAL, ELECTRICAL AND PLUMBING MANUFACTURER
	STRESS LABORATORY STRESS TESTING STRETCHER ALCOVE STRETCHER STORAGE	AGGR AL ALUM ALT ANOD	AGGREGATE ALUMINUM ALTERNATE ANODIZED	MGO MIN MISC MO	MEDICAL GAS OUTLET MINIMUM MISCELLANEOUS MASONRY OPENING
	SUB-STATION SUB-STERILE SUB-WAITING	APPROX ARCH	APPROXIMATE ARCHITECTURAL	MOB MOD BIT MOD	MEDICAL OFFICE BUILDING MODIFIED BITUMEN MODIFIED
	SUPPLY SUPPORT SURGERY SYNCOPE LABORATORY	В В.М.	BENCH MARK	MSL MTL	MEAN SEA LEVEL METAL
		BD BETW BF	BOARD BETWEEN BACKFACE	N/A	NOT APPLICABLE
	TECHNOLOGY DISTRIBUTION ROOM TECHNICIANS TELEPHONE	BG BL BL BLDG	BUMPER GUARD BED LOCATOR BUILDING LINE BUILDING	NIC NOA	NOT IN CONTRACT NOTICE OF ACCEPTANCE BY FLORIDA GOVERNING AUTHORITY
	TELEPHONE ALCOVE TELEPHONE CLOSET TELEPHONE VENDING TELEPHONE/DATA	BLKG BM BOT	BLOCKING BEAM BOTTOM	NOM NS NTS	NOMINAL NEAR SIDE NOT TO SCALE
	TELEVISION LOUNGE TEMPORARY STORAGE TESTING	BR BRG BSMT BU ROD	BUMPER RAIL BEARING BASEMENT BACK-UP ROD	NWC	NORMAL WEIGHT CONCRETE
BLIC B)	TOILET TOILET SHOWER	BUR BW	BUILT-UP ROOF BEARING WALL	OA OC	OVER ALL ON CENTER
-)	TRANSCRIPTION TRANSCRIPTION WORKSTATION TRANSFUSION	<mark>С</mark> с	COMPACT PARKING SPACE	OD OD OFCI	OUTSIDE DIAMETER OVERFLOW DRAIN OWNER FURNISHED,
	TRANSFUSION BAY TRASH TRAUMA ROOM TREATMENT	CC CEM CER	CUBICAL CURTAIN CEMENT CERAMIC	OFOI OH	CONTRACTOR INSTALLED OWNER FURNISHED, OWNER INSTALLED OPPOSITE HAND
	TREATMENT BAY TREATMENT/PROCEDURE ROOM TUB ROOM	CFMF CG CIP CJ	COLD-FORMED METAL FRAMING CORNER GUARD CAST IN PLACE CONTROL JOINT	OPNG OPP OSF	OPENING OPPOSITE OUTSIDE FACE
		CJ CL CLG	CONSTRUCTION JOINT CENTER LINE CEILING	<u>P</u>	
	ULTRASOUND ULTRASOUND BIOMICROSCOPY UNIT SECRETARY UTILITY	CLR CMU COL COMM	CLEAR CONCRETE MASONRY UNIT COLUMN COMMUNICATIONS	P LAM PC PCF	PLASTIC LAMINATE PRECAST CONCRETE POUNDS PER CUBIC FOOT
	UTIE(11)	CONC CONN CONST	CONCRETE CONNECTION CONSTRUCTION	PCP PENT	PORTLAND CEMENT PLASTER PENTHOUSE
	VENDING VESTIBULE VIEWING	CONT COORD CPE	CONTINUOUS COORDINATE CHLORINATED POLYETHYLENE	PL PL PLUMB PLYWD	PROPERTY LINE PLATE PLUMBING PLYWOOD
	VISUAL FIELD	CORR CR CR CR CR	CORRIDOR CARD READER COLD ROLLED CRASH RAIL	PP POL PORT CEM	PUSH PLATE POLISHED PORTLAND CEMENT
	WAITING WARMING PANTRY WASHING AREA	CSK CT CTD	COUNTERSUNK CERAMIC TILE CENTERED	PR PREFAB PSF PSI	PAIR PREFABRICATED POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH
	WHEELCHAIR ALCOVE WHEELCHAIR STORAGE WORK AREA	CTR CW	CENTER CURTAIN WALL	PSI PT PT PTD	POUNDS PER SQUARE INCH POINT PNEUMATIC TUBE PAINTED
	WORK STATIONS WORKROOM	D D DBA	DEPTH DEFORMED BAR ANCHOR	R	
		DET DF DIA	DETAIL DECORATIVE FILM DIAMETER	R RAD RAF	RISER RADIUS RUBBERIZED ASPHALT
		DIAPH DIM DJ	DIAPHRAGM DIMENSION DEFLECTION JOINT	RAM	FLASHING RUBBERIZED ASPHALT MEMBRANE
		DL DN DRG DS	DEAD LOAD DOWN DRAWING DOWN SPOUT	RAU RCP	RUBBERIZED ASPHALT UNDERLAYMENT REFLECTED CEILING PLAN
		DWGS DWLS	DRAWINGS DOWELS	RD REBAR RECP REF	ROOF DRAIN REINFORCING BAR RECEPTACLE REFER OR REFERENCE
		E EA	EACH	REINF RELOC REQ'D	REINFORCING RELOCATE/RELOCATED REQUIRED
		EF EFG EIFS	EACH FACE ENTRANCE FLOOR GRILLE EXTERIOR INSULATION AND	RFVC RM	RECESSED FIRE VALVE CABINET ROOM ROUGH OPENING
		EJ EL ELEC	FINISH SYSTEM EXPANSION JOINT ELEVATION ELECTRIC	RO S	
		ELEV EOS EQ	ELEVATOR EDGE OF SLAB EQUAL	SAB SCHED	SOUND ATTENUATION BLANKET SCHEDULE
		EQUIP ESC EW EWC	EQUIPMENT ESCALATOR EACH WAY ELECTRIC WATER COOLER	SDL SECT S/H	SUPERIMPOSED DEAD LOAD SECTION SINGLE HUNG
		EXIST EXP BLT EXPN	EXISTING EXPANSION BOLT EXPANSION	SHWR SIM SO	SHOWER SIMILAR STRUCTURAL OPENING
		F	EXTERIOR	SOG SP SPA SPEC	SLAB ON GRADE STAND PIPE SPACE, SPACING SPECIFICATION
		FD FDN	FLOOR DRAIN FOUNDATION	SQ SS SSF	SQUARE STAINLESS STEEL SOLID SURFACE
		FE FEC FF	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FLOOR	STA STC STD	STATION SOUND TRANSMISSION CLASS STANDARD
		FHC FIB FIN	FIRE HOSE CABINET FIBERGLASS FINISH	STIFF STIR STL	STIFFENER STIRRUP STEEL
		FLR FOG FOM FS	FLOOR FACE OF GLASS FACE OF MULLION FAR SIDE	STRUC SYM SYS	STRUCTURAL SYMMETRICAL SYSTEM
		FT FT FTG	FOOT FLOOR TRANSITION FOOTING	<u>T</u>	
		FV FVC G	FIELD VERIFY FIRE VALVE CABINET	TDR T T&B	TECHNOLOGY DISTRIBUTION ROOM TREAD TOP AND BOTTOM
		GA GAFS	GAUGE GLAZED ALUMINUM FRAMING	TC TEL TEMP	TOP OF CURB TELEPHONE TEMPERATURE
		GALV GB	SYSTEM GALVANIZED GRADE BEAM	THK TLT TO TOB	THICK TOILET TOP OF TOP OF BEAM
		GEN GFRC GI	GENERAL GLASS-FIBER REINFORCED CONCRETE GALVANIZED IRON	TOC TOF TOP	TOP OF CONCRETE TOP OF FOOTING TOP OF PARAPET
		GL GM GND	GLASS GLAZED MASONRY UNIT GROUND	TOS TOSTL TRSH CH	TOP OF SLAB TOP OF STEEL TRASH CHUTE
		GR GRG GYP BD	GRADE GLASS-REINFORCED GYPSUM GYPSUM BOARD	TW TYP	TOP OF WALL TYPICAL
		HB	HOSE BIB	U U/C U/G	UNDER COUNTER UNDERGROUND
		HDW HDWD HK HM	HARDWARE HARDWOOD HOOK HOLLOW METAL	UNO	UNDERGROUND UNLESS NOTED OTHERWISE
		HOR HP HR	HORIZONTAL HIGH POINT HOUR	V VAR	VARIES
		HS HSKP HT	HEADED STUD HOUSEKEEPING HEIGHT	VCT VERT VEST	VINYL COMPOSITION TILE VERTICAL VESTIBULE
			HAND WASH HEAD OF WALL	VIF VWC	VERIFY IN FIELD VINYL WALL COVERING
		IBC	INTERNATIONAL BUILDING CODE	W w/	WITH
		ID INSUL INT	INSIDE DIAMETER INSULATION INTERIOR	W/C W/O W	WHEEL CHAIR WITHOUT WIDTH
		J		WP WD WF WL	WATERPROOF(ING) WOOD WIDE FLANGE WIND LOAD
		ĸ		WP WPO	WORK POINT WORK POINT - POINT OF ORIGIN
		к ко	KIPS (1000 LB) KNOCK-OUT	WP1 WWF	WORK POINT - NUMBERED WELDED WIRE FABRIC
		KP KPD KSF	KICKPLATE KEYPAD KIPS PER SQUARE FOOT		
		L			
		L LAV LG	ANGLE LAVATORY LONG LOCKABLE		
		LKB LL LLH LLV	LOCKABLE LIVE LOAD LONG LEG HORIZONTAL LONG LEG VERTICAL		
		LOC LP LT	LOCATION LOW POINT LIGHT		
		LWC	LIGHTWEIGHT CONCRETE		

BUILDING SUMMARY

PROJECT INFORMATION

ADDRESS: 454 EAST MEDICAL WAY, HEBER CITY, UTAH PROPOSED USE: HOSPITAL

ARCHITECT - CONTACT PERSON: GARY BLAZZARD PHONE 801-532-2393

- BUILDING CODE: 2021 IBC - MECHANICAL: 2021 IMC

- ELECTRICAL: 2020 NEC

OCCUPANCY: I-2, B MIXED OCCUPANCY? (YES) / NO

FGI GUIDELINES: 2010 EDITION, GENERAL HOSPITAL

TYPE OF CONSTRUCTION

ESSENTIAL FACILITY? (YES)/ NO (EXISTING FACILITY)

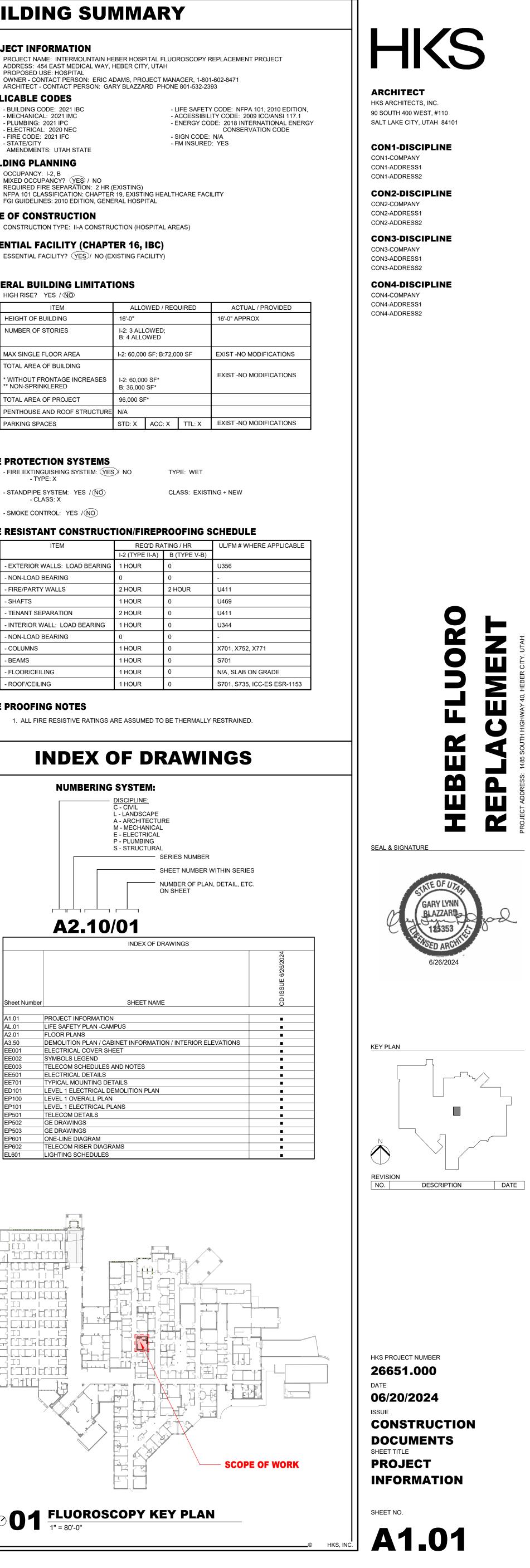
GENERAL BUILDING LIMITATIONS

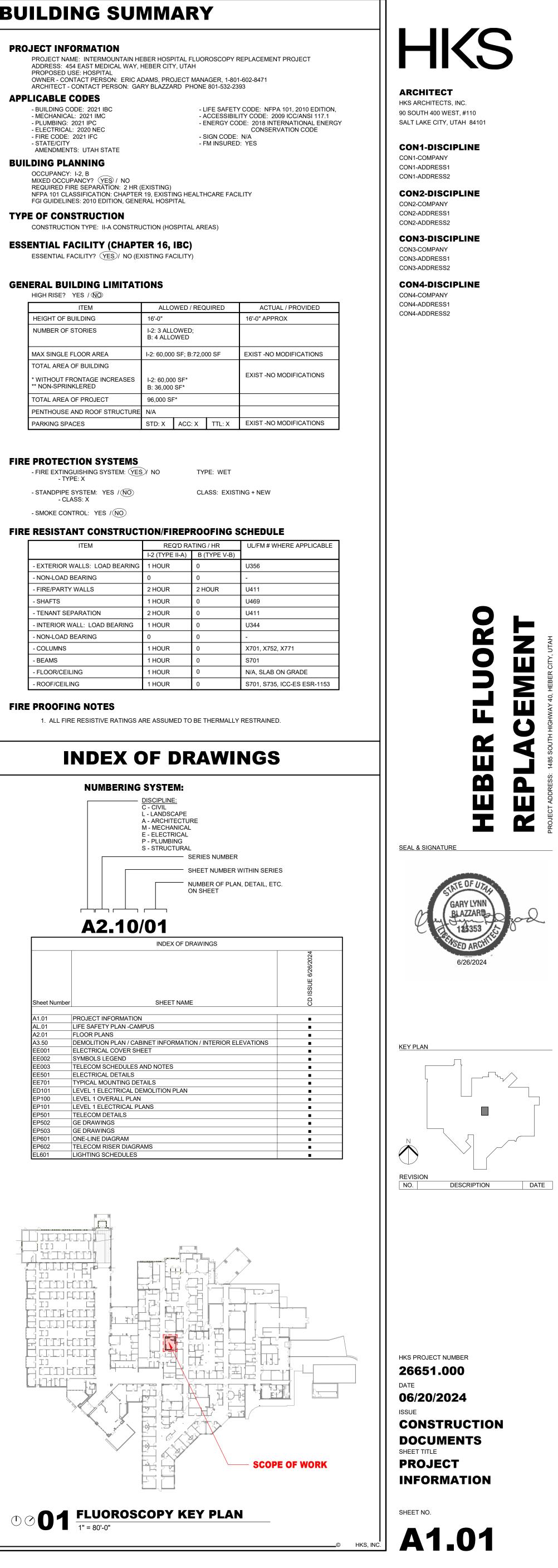
ITEM	ALLOWED / REQUIRED		UIRED	ACTUAL / PROVIDED
HEIGHT OF BUILDING	16'-0"			16'-0" APPROX
NUMBER OF STORIES	I-2: 3 ALLOWED; B: 4 ALLOWED			
MAX SINGLE FLOOR AREA	I-2: 60,000 SF; B:72,000 SF		00 SF	EXIST -NO MODIFICATIONS
TOTAL AREA OF BUILDING				
* WITHOUT FRONTAGE INCREASES ** NON-SPRINKLERED	I-2: 60,000 SF* B: 36,000 SF*			EXIST -NO MODIFICATIONS
TOTAL AREA OF PROJECT	96,000 SF*			
PENTHOUSE AND ROOF STRUCTURE	N/A			
PARKING SPACES	STD: X ACC: X TTL: X		TTL: X	EXIST -NO MODIFICATIONS

FIRE PROTECTION SYSTEMS

TYPE: WET
CLASS: EXISTING + NE

ITEM	REQ'D RATING / HR		UL/FM # WHERE APPLICABL	
	I-2 (TYPE II-A)	B (TYPE V-B)		
- EXTERIOR WALLS: LOAD BEARING	1 HOUR	0	U356	
- NON-LOAD BEARING	0	0	-	
- FIRE/PARTY WALLS	2 HOUR	2 HOUR	U411	
- SHAFTS	1 HOUR	0	U469	
- TENANT SEPARATION	2 HOUR	0	U411	
- INTERIOR WALL: LOAD BEARING	1 HOUR	0	U344	
- NON-LOAD BEARING	0	0	-	
- COLUMNS	1 HOUR	0	X701, X752, X771	
- BEAMS	1 HOUR	0	S701	
- FLOOR/CEILING	1 HOUR	0	N/A, SLAB ON GRADE	
- ROOF/CEILING	1 HOUR	0	S701, S735, ICC-ES ESR-1153	





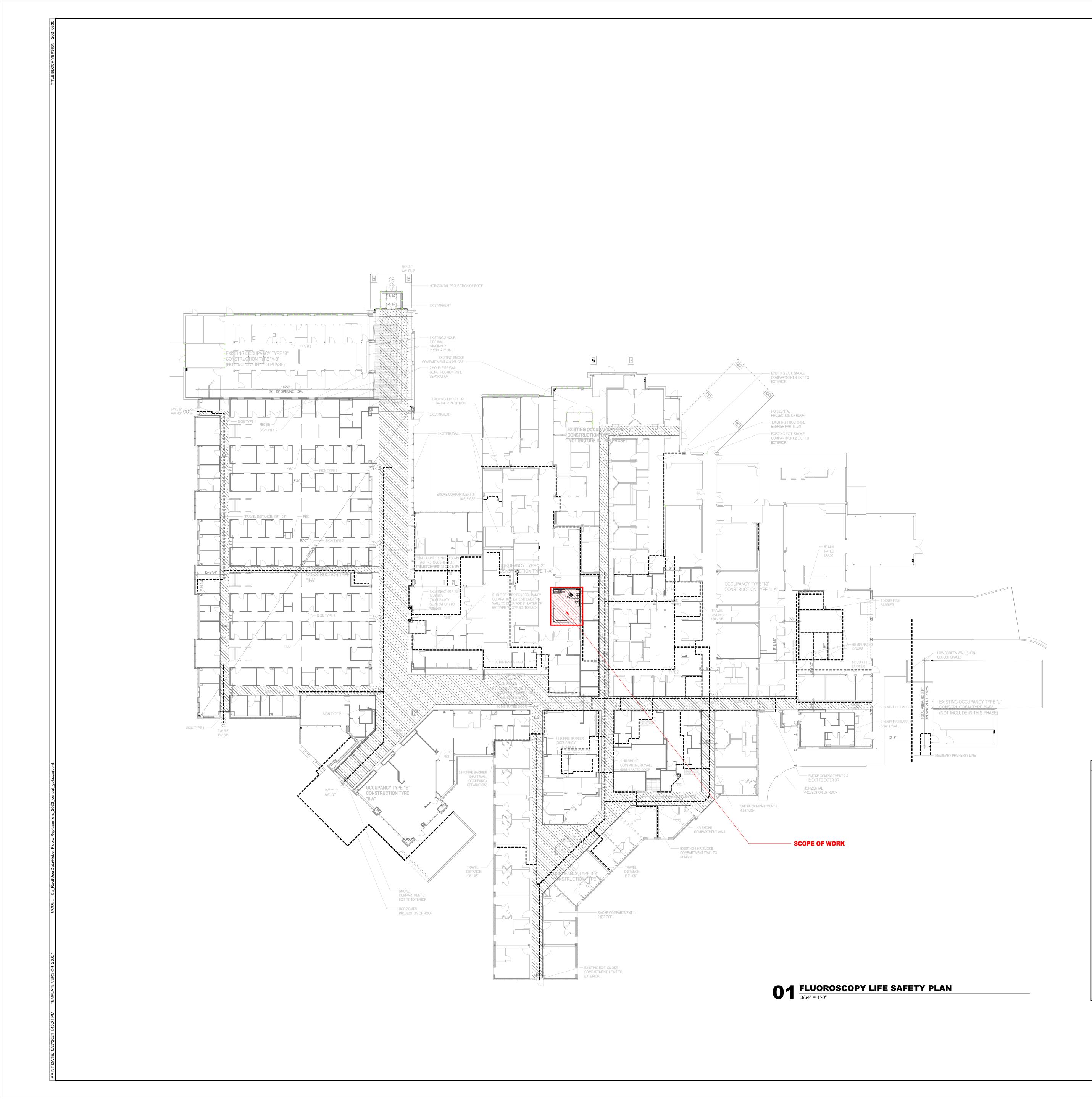
GYPSUM BOARD SOIL EXTERIOR GYPSUM SAND, EIFS FINISH COAT, SHEATHING OR CEMENT PLASTER $\langle / /$ BRICK EXTERIOR CEMENT BOARD _____ CMU _____ _____ STONE COATED GLASS MAT WATER RESISTANT GYP BD GLASS MINERAL FIBER BATT INSULATION GLASS MINERAL FIBER PLYWOOD SEMI RIGID INSULATION MINERAL WOOL SEMI RIGID INSULATION COVER BOARD 8888 EXPANDED POLYSTYRENE RIGID INSULATION EXTRUDED POLYSTYRENE RIGID INSULATION POLYISOCYANURATE RIGID INSULATION DRAWING SYMBOLS MEDICAL GAS ROOM NAME ROOM NAME/NUMBER XXXXX MEDICAL EQUIPMENT <u>001</u> EXISTING COLUMN CENTERLINE CORNER GUARDS CR - 3 (X) - COLUMN CENTERLINE CRASH RAIL BG ____ BUMPER RAIL \mathbf{X} ACCESSORY HR HAND RAIL _____ DEMOLITION BED LOCATOR NUMBERED NOTES BL (W1) WALL PROTECTION WINDOW TYPES ----- IV TRACK BUILDING WALL CUBICLE CURTAIN TRACK SECTION A0.XX/01 A3 3 A0.XX/01 PARTITION TYPE WITH NO ELEVATION SOUND ATTENUATION _____ SECTION DETAIL A3 AAA 3A0.XX/01 PARTITION TYPE WITH SOUND ATTENUATION BUILDING EXPANSION ____ A0.XX JOINT PLAN, BLOW-UP DETAIL CMU WALL INTERIOR ELEVATION \diamond INDICATOR NEW WALL (\square) DIRECTION INDICATOR EXISTING WALL ∇ EDGE OF SLAB FACE OF BUILDING + 9' - 0" CEILING HEIGHT **CEILING SYMBOLS** WALL MOUNTED FLUORESCENT FIXTURE GYP BD CEILING EXIT SIGNS - HATCH INDICATES EXIT TEXT AND ARROW INDICATES \square SUPPLY AIR DIRECTION SD SMOKE DETECTOR **RETURN AIR** S SPEAKER EXHAUST AIR PROJECTOR ACCESS PANEL ➔ WALL WASHER FLUORESCENT LIGHT PENDANT TYPE LIGHT FIXTURE **-(**-SUSPENDED LIGHT WALL MOUNTED LIGHT FIXTURE -**Ò**-SUSPENDED FLUORESCENT LIGHT **O** DOWNLIGHT STRIP LIGHT

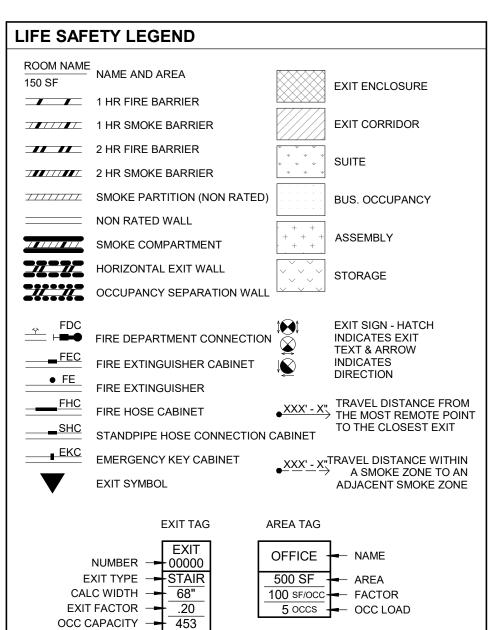
EGEND

MATERIALS

CONCRETE/ PRECAST

CONCRETE



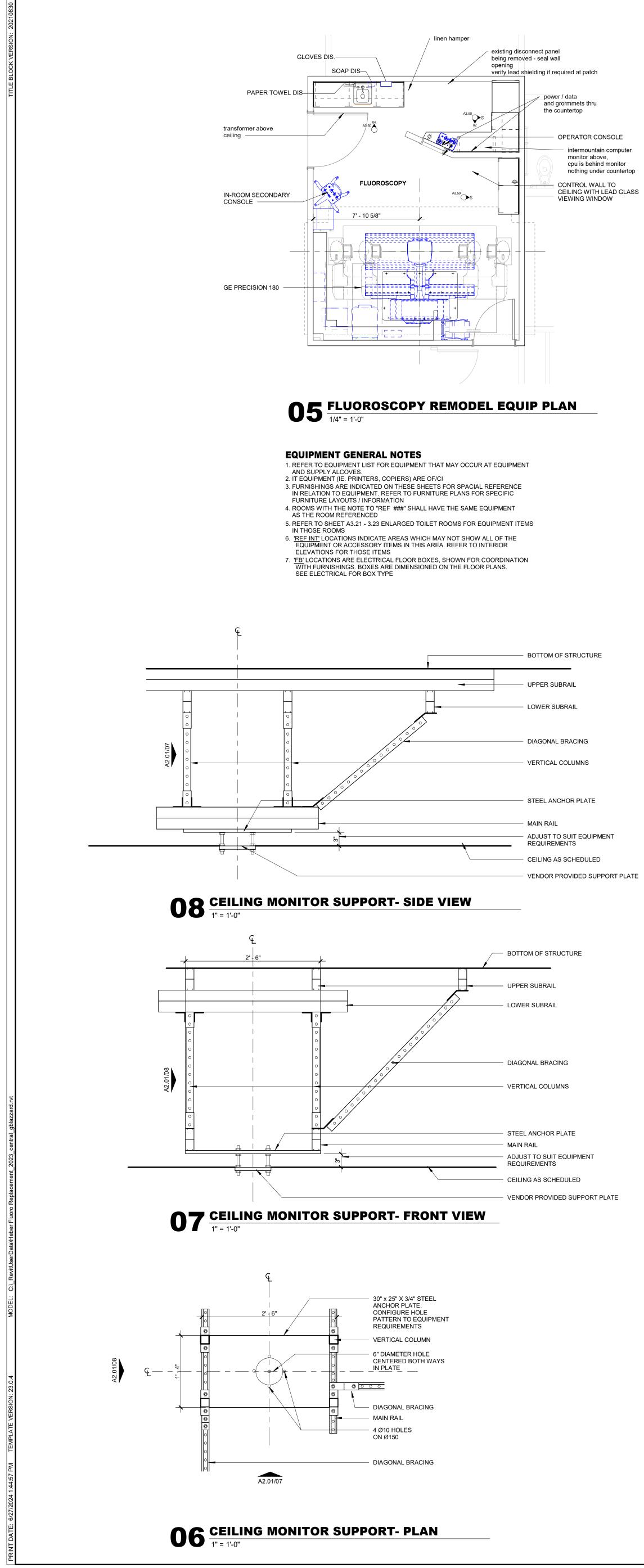


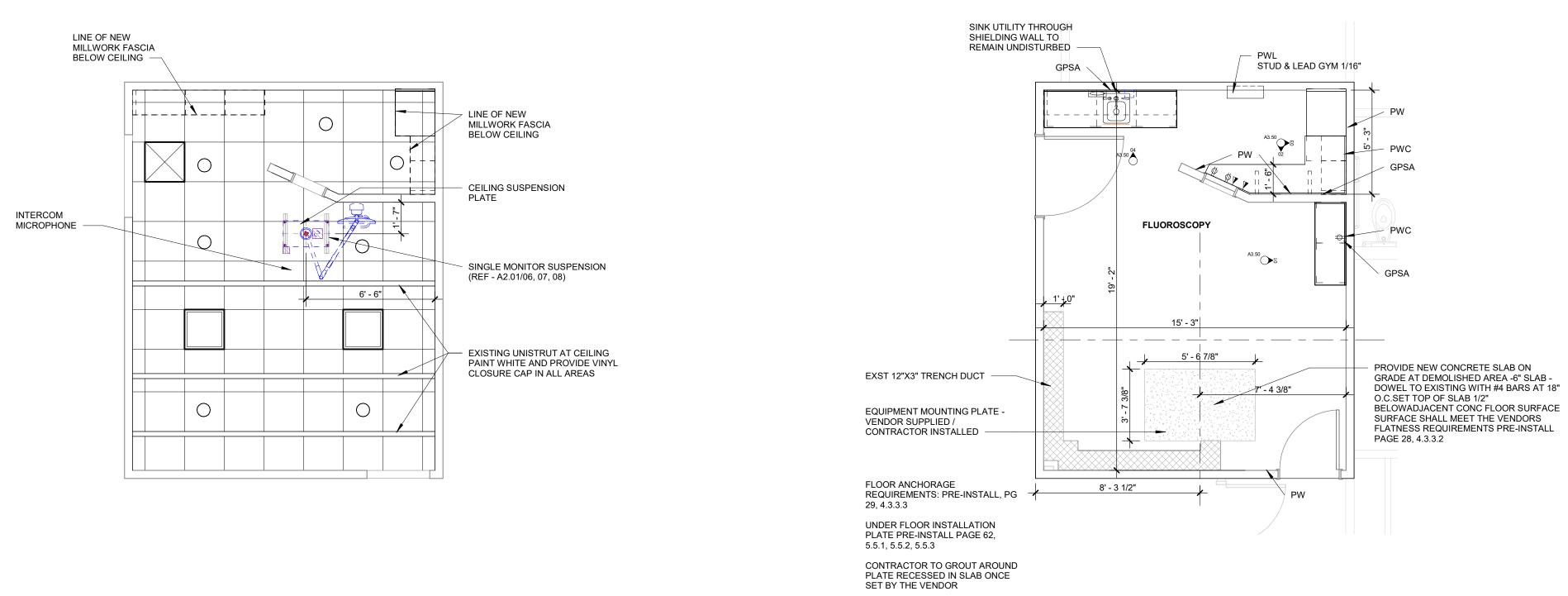
DELETE IF	NOT USED			
//	EDUCATION			
* * * * * *	GARAGE			
0 0 0 0 0	RESIDENTIAL			
	RETAIL			
	3 HR FIRE BARRIER			
	4 HR FIRE BARRIER			



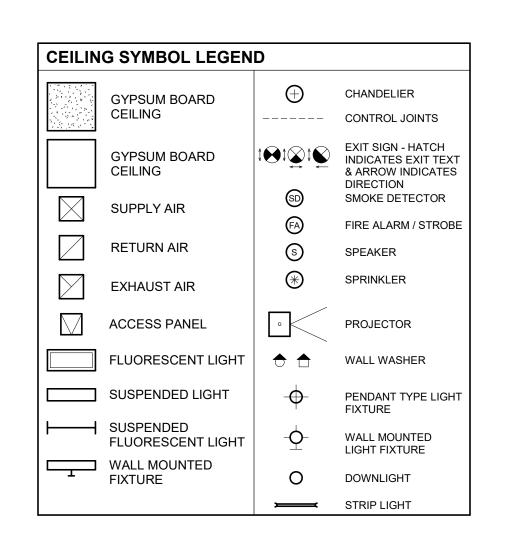
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03 FLUOROSCOPY REMODEL RCP



1. CEILINGS HEIGHTS ARE AS INDICATED BY + #'-##"

IN WALLS THAT INTERSECTS BULKHEADS COORDINATION) LLU' - LIGHTS LINE UP CLIS' - CENTER LIGHT IN CEILING SPACE <u>'CSP'</u> - CEILING START POINT

EFTR 🗕 DOOR FRAME - PT-1A HATCHED AREA REPRESENTS NEW FLOORING MATERIAL AREAS OVER EXISTING TRENCH DUCT COVER -----

		FINISH MATERIALS SCHEDULE	
FINISH CODE	MANUFACTURER	STYLE/COLOR	NOTES
ACT-1	USG	STYLE: ECLIPSE, 24"X24", WHITE, STRAIGHT EDGE, 15X16" HEAVY DUTY GRID SYSTEM, WHITE	
SHV-1	MANNINGTON	STYLE: - BIOSPEC MD, TOASTED SESAME 15333	TYPICAL SHEET VINYL FLOORING
PT-1	SHERWIN WILLIAMS	STYLE/COLOR: BISCUIT 6112, EGGSHELL	TYPICAL PAINT FOR WALLS
PL-1	PIONITE	STYLE/COLOR: PIONITE WW011, KINGSKEY, RUN GRAIN VERTICAL	TYPICAL PLASTIC LAMINATE VERTICAL SURFACES
SSM-1	LG HAUSYS	STYLE: HI-MACS, PORTLAND	TYPICAL SOLID SURFACE COUNTERTOPS
PT-2	SHERWIN WILLIAMS	STYLE/COLOR: SHERWIN WILLIAMS, MATCH EXISTING DARKER BROWN COLOR	ACCENT PAINT, WHERE INDICATED
SHVB-1	MANNINGTON	STYLE: - BIOSPEC MD, TOASTED SESAME 15333	INTEGRAL BASE AT SHV-1
PT-1A	SHERWIN WILLIAMS	STYLE / COLOR: SW WEATHER SHINGLE	DOOR FRAMES, WINDOW FRAMES

01 <u>FLUOROSCOPY REMODEL PLAN</u> 1/4" = 1'-0"

REFLECTED CEILING NOTES / KEYED NOTES

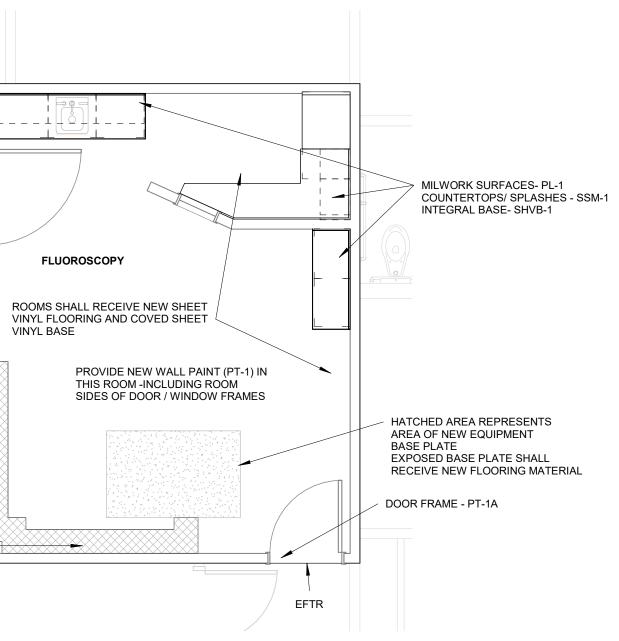
2. LIGHTS, DIFFUSERS, EXIT SIGNS, SMOKE DETECTORS, SPEAKERS, STROBES AND MISCELLANEOUS DEVICES SHALL BE CENTERED IN THE CEILING TILE IN WHICH THEY OCCUR, UNLESS NOTED OTHERWISE.

'ETR' - INDICATES EXISTING CEILING / MATERIALS TO REMAIN <u>'CJ'</u> -CONTROL JOINT LOCATIONS IN GYPSUM BOARD ASSEMBLIES

'CFE' - DESIGNATES LOCATIONS WHERE THE WALL OR TALL CABINETS MILLWORK FASCIA EXTENDS TO CEILING (NOTED FOR REFERENCE /

FLOOR PLAN GENERAL NOTES / KEYED NOTES

- 1. DIMENSIONS INDICATED ARE TO FINISHED FACE OF GYPSUM BOARD
- 2. PATCH WALLS WHERE DISTURBED BY REMOVAL OF SHEET VINYL BASE, CABINET REMOVAL, UTILITY WORK, ETC. 3. INDICATES INTERIOR ELEVATIONS IN THIS ROOM. SEE SHEET A3.50N
- 'PW' PATCH EXISTING GYP BD WALL AS NECESSARY AFTER INSTALLATION OF UTILITIES AND/OR WHERE EXISTING WALLS ARE REMOVED OR MODIFIED. NOT ALL LOCATIONS MAY BE INDICATED. COORDINATE WITH DEMOLITION AND UTILITY DRAWINGS. NOTE EXTENT OF PATCH MAY BE NOTED ON DRAWINGS
- 'PWL' PATCH EXISTING LEAD WALL AS NECESSARY AFTER INSTALLATION OF UTILITIES AND/OR WHERE EXISTING WALLS ARE REMOVED OR MODIFIED. NOT ALL LOCATIONS MAY BE INDICATED. COORDINATE WITH DEMOLITION AND UTILITY DRAWINGS. NOTE EXTENT OF PATCH MAY BE NOTED ON DRAWINGS
- 'PWC' PATCH EXISTING GYP BD WALL BEHIND CABINET AS NECESSARY
- <u>'EXSW'</u> EXISTING METAL STUD WALL SHALL BE PATCHED AND REPAIRED (LEAD SHIELDING REPAIRED AFTER REMOVAL OF EQUIPMENT SEEN ON PICTURE A2.01F/08) WIEP' - WALL INFILL WHERE ELECTRICAL PANEL IS REMOVED. AS NOTED IN A2.01F/07, PROVIDE WALL FRAMING AND 1/16" LEAD SHIELDED GYP BD AT INFILL. LAP SHIELDING APPROPRIATELY



04 FLUOROSCOPY REMODEL FINISH PLAN 1/4" = 1'-0"



- 1. CONTRACTOR SHALL REMOVE ACCESSORIES, ETC. BEFORE PAINTING, AND REPLACE ACCESSORIES, ETC. AFTER PAINTING
- 'EFTR' EXTENT OF FINISHED VS NEW FLOORING AT EXISTING OPENINGS. TRANSITION OCCURS AT EXISTING FLOORING EXTENT



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CON1-DISCIPLINE CON1-COMPANY CON1-ADDRESS1 CON1-ADDRESS2

CON2-DISCIPLINE CON2-COMPANY CON2-ADDRESS1

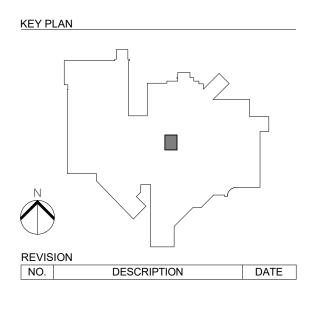
CON2-ADDRESS2 **CON3-DISCIPLINE** CON3-COMPANY CON3-ADDRESS1 CON3-ADDRESS2

CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



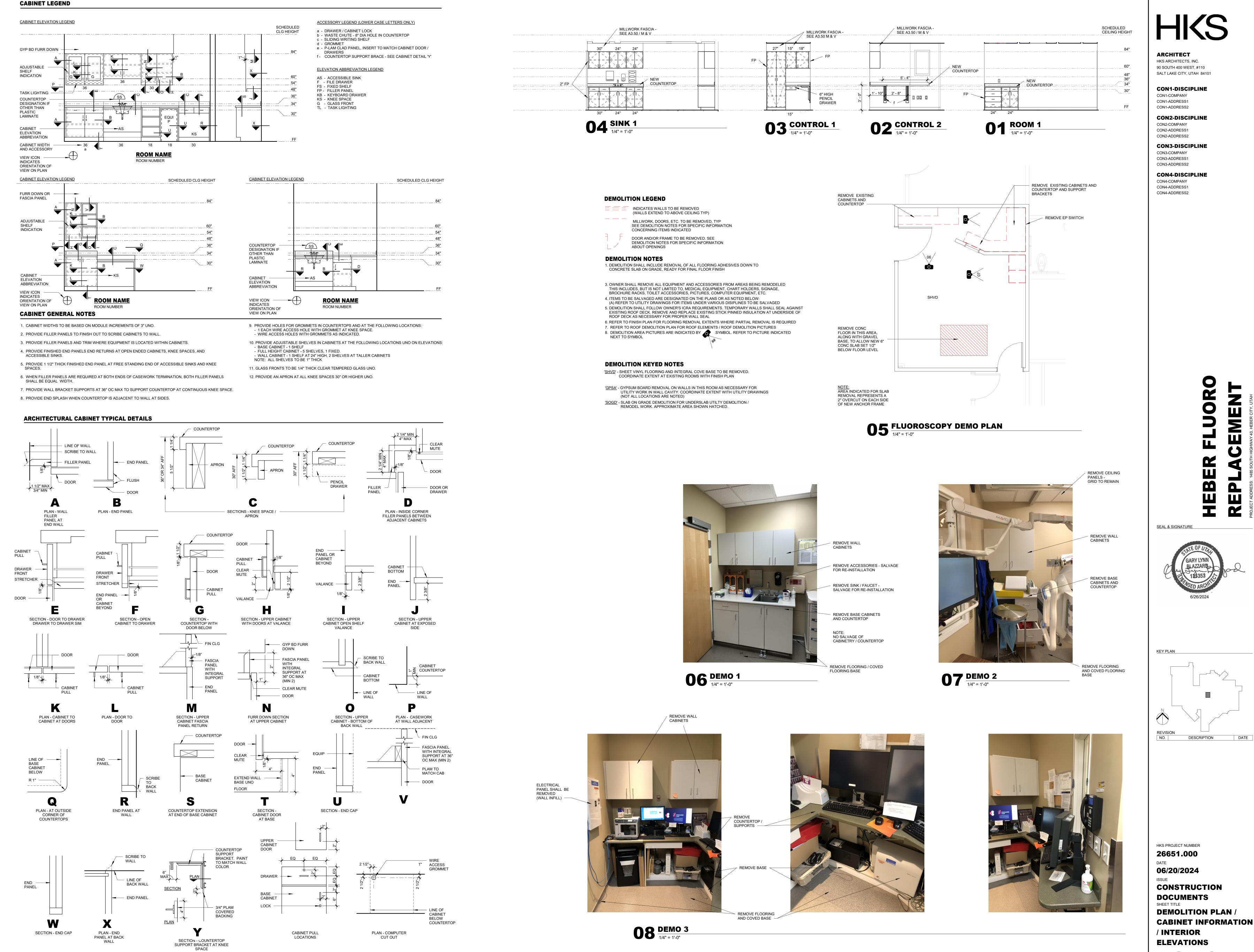
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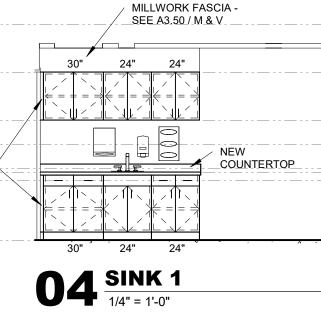


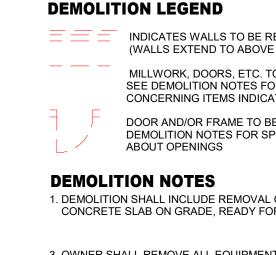


HKS PROJECT NUMBER 26651.000 DATE 06/20/2024 ISSUE CONSTRUCTION DOCUMENTS SHEET TITLE **FLOOR PLANS**

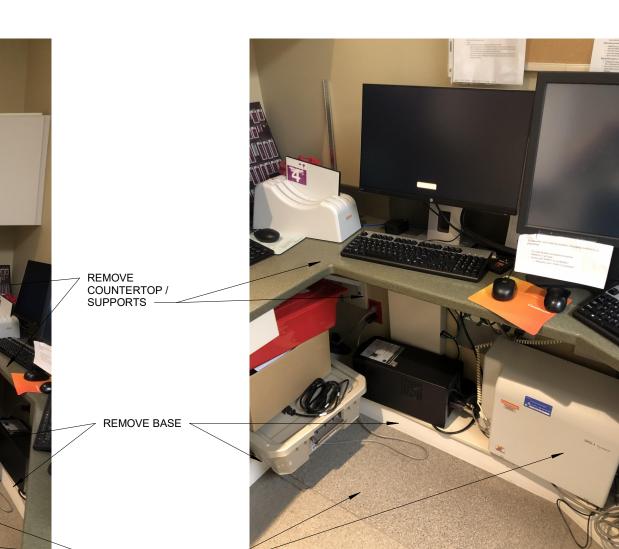




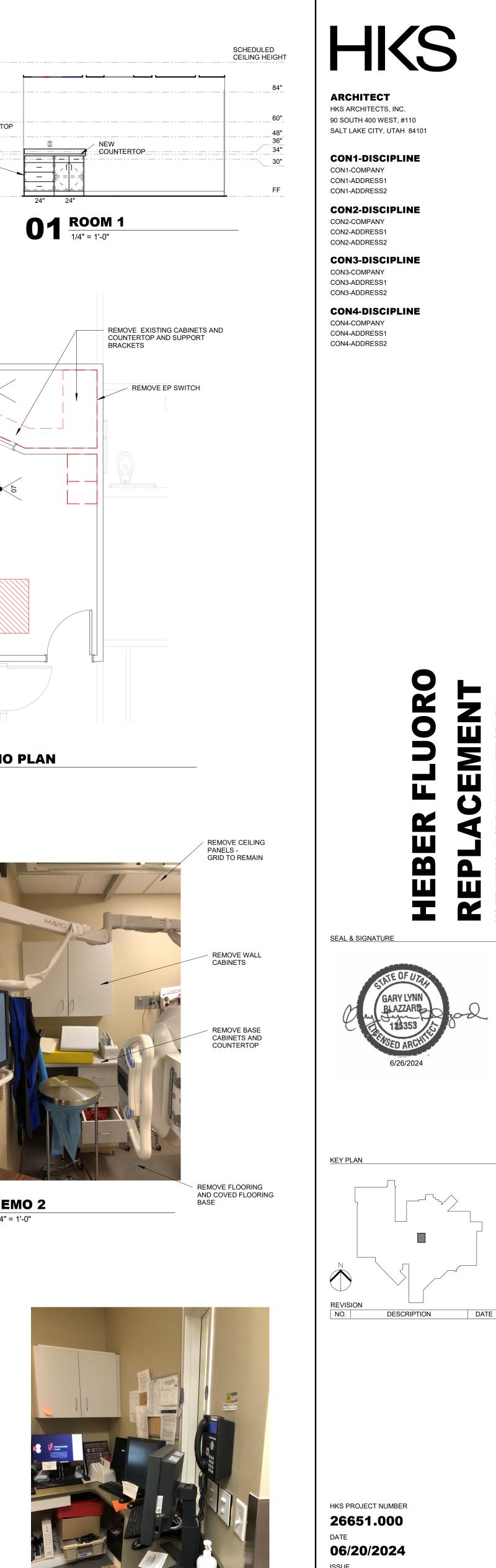


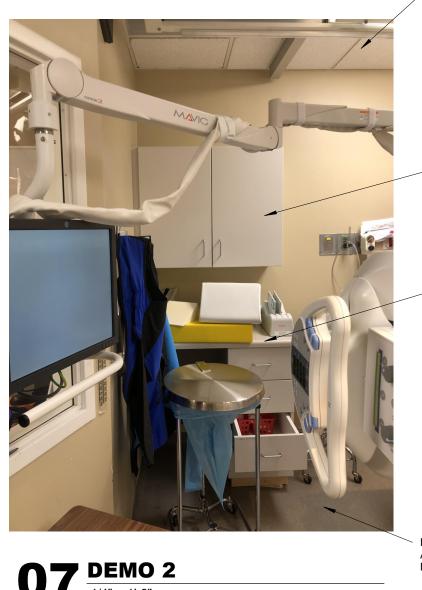


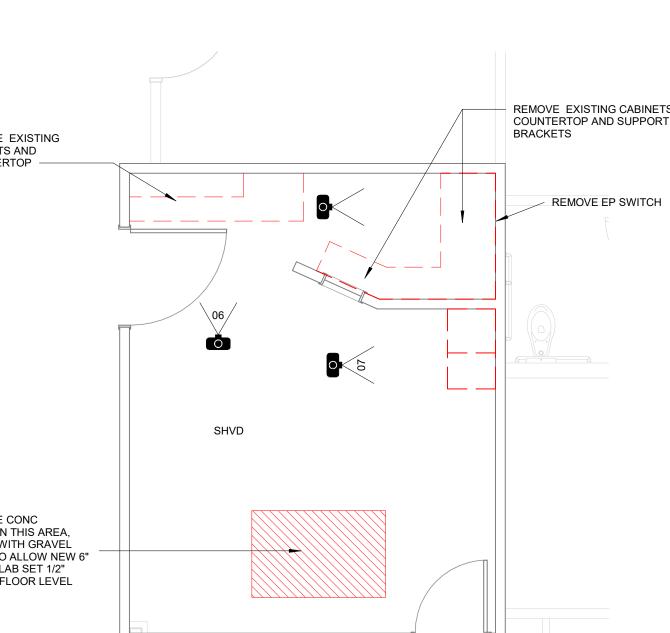












A3.50

SYMBOL	DESCRIPTION
REFERENC	E AND LINE SYMBOLS
A5	DETAIL INDICATOR: A5 INDICATES DETAIL NUMBER, E-501
E-501	INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN.
	ELEVATION OR SECTION INDICATOR, EXTERIOR: A5 INDICATES
A5 E-201	ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING SHEET WHERE ELEVATION OR SECTION IS SHOWN.
\checkmark	
A5	ELEVATION OR SECTION INDICATOR, INTERIOR: A5 INDICATES ELEVATION OR SECTION NUMBER, E-201 INDICATES DRAWING
E-201 ROOM NAME	SHEET WHERE ELEVATION OR SECTION IS SHOWN.
	ROOM IDENTIFIER WITH ROOM NAME AND NUMBER.
$\langle 1 \rangle$	KEYNOTE INDICATOR.
$\underline{1}$	REVISION INDICATOR.
CU-1	
X-X XMDP	MECHANICAL EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK SHOWN ON EQUIPMENT SCHEDULE. "XMDI IDENTIFIES PANEL EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
— \	BREAK, STRAIGHT: TO BREAK PARTS OF DRAWING
\sim	BREAK, ROUND
MATCH LINE SEE XX/X-XXX	MATCH LINE INDICATOR: CENTER, EXTRA WIDE LINE.
	NEW LINE: MEDIUM LINE.
	HIDDEN FEATURES LINE: HIDDEN, THIN LINE
	EXISTING TO REMAIN LINE: THIN LINE.
	DEMOLITION LINE: DASHED, MEDIUM LINE
	PROPERTY LINE: DASHED, WIDE LINE.
	CONTRACT LIMIT LINE: DASHDOT, WIDE LINE.
XXX	ELECTRICAL EQUIPMENT INDICATOR. "XXX" INDICATES TYPE (EQUIPMENT OR EQUIPMENT ID. "EF-X" IDENTIFIES MECHANICA
EF-X	EQUIPMENT BEING SERVED. REFER TO EQUIPMENT SCHEDUL FOR ADDITIONAL INFORMATION. EQUIPMENT INDICATOR. "X-X" INDICATES EQUIPMENT MARK
<u>X-X</u> 1LA-3	SHOWN ON EQUIPMENT SCHEDULE. "1LA-3" IDENTIFIES PANE EQUIPMENT IS CIRCUITED TO. REFER TO EQUIPMENT SCHEDU FOR ADDITIONAL INFORMATION.
XXXET #	IN-GRADE PULLBOX INDICATOR. "XXXET" INDICATES LABEL SHOWN ON SCHEDULE. "#" IDENTIFIES SEQUENCE NUMBER SHOWN ON SITE AND RISER DIAGRAM. REFER TO PLANS AND EXTERIOR PULLBOX SCHEDULE FOR ADDITIONAL INFORMATIC
WIRING ME	ETHODS
\frown	WIRING.
\frown	WIRING TURNED UP OR TOWARDS OBSERVER.
\frown	WIRING TURNED DOWN OR AWAY FROM OBSERVER.
A-1	SINGLE BRANCH CIRCUIT HOME RUN TO PANELBOARD WITH DEDICATED NEUTRAL CONDUCTOR. LETTER AND NUMBER NOTATION IDENTIFY PANEL AND CIRCUIT NUMBER.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF
A-1,3,5	ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS
	BRANCH CIRCUIT HOME RUN TO PANELBOARD: NUMBER OF
A-1,3,5	ARROWS INDICATES NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATIONS IDENTIFY PANEL AND CIRCUIT NUMBERS NUMBER IN BOX REFERS TO THE CONDUCTOR AND CONDUIT SCHEDULE.
 	LOW VOLTAGE WIRING: DIVIDE, MEDIUM LINE.
+	CONDUIT STUB. DIMENSION RECORD DRAWINGS AND MARK. CONDUCTOR & CONDUIT ("CC") SCHEDULE INDICATOR. REFEF
	TO ONE-LINE DIAGRAM.
(HC)	ADA ACCESS PUSH PLATE
0	JUNCTION BOX.
Ф _с	JUNCTION BOX, CEILING.
\mathbb{O}_{SC}	JUNCTION BOX, SYSTEMS FURNITURE COMMUNICATION CONNECTION.
0 _{SP}	JUNCTION BOX, SYSTEMS FURNITURE POWER CONNECTION.
PB	PULL BOX.
	CABLE TRAY ABOVE ACCESSIBLE CEILING. "A" DENOTES CABLE TRAY WIDTH, "B" DENOTES CABLETRAY
A "	DEPTH. +/-C'-D" DENOTES CABLE TRAY ELEVATION ABOVE OR BELOW FINISHED SURFACE.
A"xB" +/-C'-D"	
	LADDER RACK.
+/-C'-D"	LADDER RACK. CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.
+/-C'-D"	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING.
+/-C'-D"	CABLE J-HOOKS ABOVE ACCESSIBLE CEILING. MECHANICAL EQUIPMENT CONNECTION. REFER TO EQUIPMEN

20R.
5-20R.
IT TER COOI
5-20R.
IT E":
20R.
EMA 5-20F
GENCY
5-20R.
IT
IT
IT POWER:
IT
MA 5-20R.
MA 5-20R
EMERGEN
NEMA 5-2
CIRCUIT
POWER. G.
FER TO S.
O WIRING
AWINGS. RICAL S.
NTROLLE
ONTROLLE
TROLLED
ROLLED).
5-20R.
CIRCUIT
POWER:
TOMATIC. ED OD)
DR, OCCUPAN L METHOI

	SYMBOL	SYMBOLS LEGEND DESCRIPTION
	SITE ELEC	TRICAL AND COMMUNICATIONS UTILITIES
	—3ØUP—	ELECTRIC LINE: THIN LINE. 1Ø = SINGLE PHASE, 2Ø = 2-PHASE, 3Ø = 3-PHASE, O = OVERHEAD, U = UNDERGROUND, P = PRIMARY, S = SECONDARY
	• •	LIGHTNING ARRESTOR.
		UTILITY POLE.
		UTILITY, DISTRIBUTION SWITCH OR SWITCHING STATION.
ION	E M	UTILITY, PRIMARY ELECTRICAL HAND HOLE.
	(c)	UTILITY, COMMUNICATIONS MANHOLE.
	(E)	UTILITY, ELECTRICAL MANHOLE.
	 	UTILITY, TELEPHONE MANHOLE.
	C	PRECAST CONCRETE, COMMUNICATION VAULT.
	E	PRECAST CONCRETE, ELECTRICAL VAULT.
20R.		PRECAST CONCRETE, TELEPHONE VAULT.
		PRECAST CONCRETE, MANHOLE, TRANSFORMER VAULT.
		PRECAST CONCRETE, TRANSFORMER PAD.
		IN-GRADE PULLBOX, HAND HOLE. OPTIONS WITH SQUARE OR ROUND CORNERS. REFER TO PLANS AND EXTERIOR PULLBOX SCHEDULE FOR ADDITIONAL INFORMATION.
		SUBSTATION.
:		TRANSFORMER.
	ELECTRICA	L POWER AND DISTRIBUTION
		FUSE WITH RATING (ONE-LINE DIAGRAM).
IR.		DISCONNECT, FUSED (ONE-LINE DIAGRAM).
DR.		DISCONNECT, NONFUSED (ONE-LINE DIAGRAM).
ENCY		
5-20R.		
Г	S	DISCONNECT WITH FUSE AND MOTOR STARTER COMBINATION (ONE-LINE DIAGRAM).
то		
R.		
	5	OVERLOAD RELAY (ONE-LINE DIAGRAM).
		STARTER (ONE-LINE DIAGRAM).
	5	
		CIRCUIT BREAKER, MOLDED CASE (ONE-LINE DIAGRAM).
	r − C ^L	CIRCUIT BREAKER, MOLDED CASE WITH SHUNT TRIP (ONE-LINE DIAGRAM).
NG OR		CIRCUIT BREAKER, MOTOR CIRCUIT PROTECTION (ONE-LINE DIAGRAM).
3.		CIRCUIT BREAKER, ADJUSTABLE TRIP. "225AF" REPRESENTS THE RATING AND "150AT" REPRESENTS THE TRIP SETTING. (ONE-LINE DIAGRAM).
LED).		CIRCUIT BREAKER, SOLID STATE (ONE-LINE DIAGRAM).
LED).		
ED).		CIRCUIT BREAKER, SOLID STATE WITH GROUND FAULT PROTECTION (ONE-LINE DIAGRAM).
D).		MOTOR.
		TRANSFORMER (ONE-LINE DIAGRAM).
		TRANSFORMER, CURRENT (ONE-LINE DIAGRAM).
	+ =	BATTERY (ONE-LINE DIAGRAM).
		CAPACITOR (ONE-LINE DIAGRAM).
r		DELTA CONNECTION (ONE-LINE DIAGRAM).
		WYE CONNECTION (ONE-LINE DIAGRAM).
:	"1DPHA"	
		DISTRIBUTION PANELBOARD, MOTOR CONTROL CENTER, PLUG-IN BUSWAY, MEDIUM VOLTAGE SWITCHBOARD (ONE-LINE DIAGRAM).
ICALLY		
_ '	"1H"	PANELBOARD (ONE-LINE DIAGRAM).
ANCY IOD)	225/3	
ED R TO	"1H"	PANELBOARD WITH MAIN LUGS ONLY. BUS SIZE AND PHASE AS SHOWN (ONE-LINE DIAGRAM).
]	225/3	
	"1H"	PANELBOARD WITH MAIN CIRCUIT BREAKER. SIZE AND PHASE A SHOWN (ONE-LINE DIAGRAM).
	225/3	
	"1H"	PANELBOARD WITH MAIN AND SUB FEED CIRCUIT BREAKER (ONE-LINE DIAGRAM).
	1 11 1	

SYMBOLS LEGEND				
SYMBOL	DESCRIPTION			
ELECTRICA	AL POWER AND DISTRIBUTION			
225/3 "1H" •••[] 25/3	PANELBOARD WITH MAIN LUGS ONLY AND SURGE PROTECTION WITH CIRCUIT BREAKER (ONE-LINE DIAGRAM).			
225/3 "1H" 225/3 "1H"	PANELBOARD WITH SUB FEED LUGS (ONE-LINE DIAGRAM).			
)225/3 "1H" "1H"	PANELBOARD WITH CIRCUIT BREAKER AND SUB FEED LUGS (ONE-LINE DIAGRAM).			
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM)			
	CT CABINET PER UTILITY'S REQUIREMENTS (ONE-LINE DIAGRAM			
	TRANSFER SWITCH (ONE-LINE DIAGRAM).			
	DIGITAL MULTIMETER (ONE-LINE DIAGRAM).			
<u> </u>	EARTH GROUND (ONE-LINE DIAGRAM).			
<u>−</u> • • • • • • • • •	SERVICE ENTRANCE SURGE PROTECTION (ONE-LINE DIAGRAM).			
ANN	GENERATOR, ANNUNCIATOR (ONE-LINE DIAGRAM).			
EPO	PUSH BUTTON, REMOTE EMERGENCY STOP.			
G	GENERATOR, POWER (ONE-LINE DIAGRAM).			
K	KIRK-KEY MECHANICAL INTERLOCK (ONE-LINE DIAGRAM)			
(M)	METER.			
BBF	BROAD BAND FILTER (ONE-LINE DIAGRAM).			
VFC VFD	VARIABLE FREQUENCY MOTOR CONTROLLER (ONE-LINE DIAGRAM).			
*	DIODE (ONE-LINE DIAGRAM).			
	DISCONNECT SWITCH, FUSED.			
	DISCONNECT SWITCH, UNFUSED.			
⊠ ⊓	STARTER, COMBINATION WITH DISCONNECT SWITCH.			
	STARTER OR MOTOR CONTROLLER.			
•	PUSHBUTTON.			
:	PUSHBUTTONS, MOTOR CONTROL.			
	PANELBOARD CABINET, FLUSH MOUNTED.			
	PANELBOARD CABINET, SURFACE MOUNTED, 1 SECTION.			
	PANELBOARD CABINET, SURFACE MOUNTED, 2 SECTION.			
 DP#	DISTRIBUTION PANEL OR SWITCHBOARD.			
	LIGHTING RELAY, CONTACTOR PANEL, OR DIMMING ENCLOSURE			
ST	SWITCH, TOGGLE MOTOR STARTER WITH OVERLOAD PROTECTION.			
	TRANSFORMER (SEE ONE-LINE FOR SIZE)			
BB	BUSWAY.			
	SPECIALIZED TRANSFER SWITCH (ONE-LINE DIAGRAM).			
	CIRCUIT BREAKER, DRAW OUT (ONE-LINE DIAGRAM).			
GESM	GENERATOR ENGINE START MONITORING SYSTEM GENERATOR MODULE (ONE-LINE DIAGRAM).			
ESM	GENERATOR ENGINE START MONITORING SYSTEM ATS MODULE (ONE-LINE DIAGRAM).			
PRM	PHASE ROTATION MONITOR (ONE-LINE DIAGRAM).			
	ARC ENERGY REDUCTION			

ABBREVIATIONS

	NOTE: ALL ABBREVIA	TIONS MA	Y NOT BE USED.
1P	SINGLE POLE	kVAR	KILOVOLT AMPERE
1PH	SINGLE-PHASE	kW	KILOWATT
1WAY	ONE-WAY	kWh	KILOWATT HOUR
2/C	TWO-CONDUCTOR	LED	LIGHT EMITTING DI
2WAY 3/C	TWO-WAY THREE-CONDUCTOR	LFMC	LIQUID TIGHT FLEX
3/O 3WAY	THREE-WAY	LFNC	LIQUID TIGHT FLEX
40UT	QUADRUPLE RECEPTACLE		NONMETALLIC CON
	OUTLET	LPS	LOW PRESSURE S
4PDT	FOUR-POLE DOUBLE THROW	LRA LTG	LOCKED ROTOR AI
4PST 4W	FOUR-POLE SINGLE THROW FOUR-WIRE	LV	LOW VOLTAGE
4WAY	FOUR-WAY	MATV	MASTER ANTENNA
А	ABOVE COUNTER		SYSTEM
AC	ARMORED CABLE	MAX MC	MAXIMUM METAL CLAD
ACS	ACCESS CONTROL SYSTEM	MCA	MINIMUM CIRCUIT
ADA	AMERICANS WITH DISABILITIES	MCB	MAIN CIRCUIT BRE
ADJ	ADJACENT	MCC	MOTOR CONTROL
AFF	ABOVE FINISHED FLOOR	MCP	MOTOR CIRCUIT PI
AFG	ABOVE FINISHED GRADE	MDP MG	MAIN DISTRIBUTIO
AIC	AMPERE INTERRUPTING CAPACITY	MH	MANHOLE
ALUM	ALUMINUM	MIN	MINIMUM
AMP	AMPERE	MLO	MAIN LUGS ONLY
ANN	ANNUNCIATOR	MOCP	MAXIMUM OVERCU
AP	ACCESS POINT (WIRELESS DATA)	мтѕ	PROTECTION MANUAL TRANSFE
AR	AS REQUIRED	NA	NOT APPLICABLE
ASC	AMPS SHORT CIRCUIT	NC	NORMALLY CLOSE
ATS	AUTOMATIC TRANSFER	NEC	NATIONAL ELECTR
AV	SWITCH AUDIO VISUAL	NEMA	NATIONAL ELECTR MANUFACTURERS
AWG	AMERICAN WIRE GAGE		ASSOCIATION
BB	BUCK-BOOST TRANSFORMER	NFC	NATIONAL FIRE CO
XFMR		NFPA	NATIONAL FIRE PR
BFF BFG	BELOW FINISHED FLOOR BELOW FINISHED GRADE	NIC	ASSOCIATION NOT IN CONTRACT
БгG С	CEILING MOUNTED	NL	NIGHT LIGHT
CAT	CATEGORY	NO	NORMALLY OPEN
CATV	COMMUNITY ANTENNA	NTS	NOT TO SCALE
	TELEVISION	OC	ON CENTER
CB CCBA	CIRCUIT BREAKER CUSTOM COLOR AS SELECTED	OCP OE	OVER CURRENT PE
CCBA	BY ARCHITECT	OE OF/CI	OWNER ELECTRON
CCTV	CLOSED CIRCUIT TELEVISION		CONTRACTOR INS
CF/CI	CONTRACTOR FURNISHED/	OF/OI	OWNER FURNISHE
CF/OI	CONTRACTOR INSTALLED CONTRACTOR FURNISHED/	OFP	INSTALLED OBTAIN FROM PLA
01701	OWNER INSTALLED	OHDR	OVERHEAD (COILIN
CFBA	CUSTOM FINISH AS SELECTED	OL	OVERLOAD
CI	BY ARCHITECT CONTACT INDICATOR	PB	PUSHBUTTON
CKT	CIRCUIT	PF PH	POWER FACTOR PHASE
СМ	CONSTRUCTION MANAGER	PH	PHASE PANEL
CND	CONDUIT	PNM	PLENUM
CO	CONVENIENCE OUTLET	PR	PAIR
COR	CONTRACTING OFFICER'S REPRESENTATIVE	PS	POWER SUPPLY
CP	CONTROL PANEL	PT PTZ	POTENTIAL TRANS
CR	CARD READER	PIZ	PAN/TILT/ZOOM PHOTO VOLTAIC
СТ	CURRENT TRANSFORMER	QTY	QUANTITY
CTV CU	CABLE TELEVISION COPPER	R	REMOVE
dBA	UNIT OF SOUND LEVEL	RCP	REFLECTED CEILIN
DPDT	DOUBLE POLE, DOUBLE	RMC RNC	RIGID METAL CONE RIGID NONMETAL (
50	THROW	RO	REMOTE DOOR OP
DS E	DISCONNECT SWITCH ENHANCED	RPM	REVOLUTIONS PER
EA	EACH	RPP	RISER PATCH PAN
EM	EMERGENCY	RR	REMOVE AND RELO
EMT	ELECTRICAL METALLIC TUBING	S/S SCA	START/STOP SHORT CIRCUIT AN
ENT	ELECTRIC NONMETALLIC TUBING	SCA	STANDARD COLOR
EPO	EMERGENCY POWER OFF		SELECTED BY ARC
EQUIP	EQUIPMENT	SF	SQUARE FOOT (FE
ER	EQUIPMENT ROOM	SFBA	STANDARD FINISH SELECTED BY ARC
EX F	EXISTING FURNITURE MOUNTED	SPD	SURGE PROTECTIV
FA	FIRE ALARM	SPDT	SINGLE POLE, DOU
FCP	FIRE ALARM CONTROL PANEL	SPEC	SPECIFICATION
FLA	FULL LOAD AMPS	SPP SPST	STATION PATCH PA
FMC	FLEXIBLE METAL CONDUIT	ST	SINGLE THROW
FOB FPP	FREIGHT ON BOARD FIBER PATCH PANEL	SWBD	SWITCHBOARD
FVP	FIBER PATCH PANEL FULL VOLTAGE	SWGR	SWITCHGEAR
	NON-REVERSING	TL	TWIST LOCK TELEPHONE POLE
FVR	FULL VOLTAGE REVERSING	TP TP	TWISTED PAIR
GEN	GENERATOR GROUND FAULT INTERRUPTER	TR	TELECOMMMUNIC
GFCI GFP	GROUND FAULT INTERROPTER GROUND FAULT PROTECTION		ROOM
GIG	GIGA HERTZ	TTB	TELEPHONE TERM
GND	GROUND	TV TVSS	TELEVISION TRANSIENT VOLTA
HD		1,000	SUPPRESSER
HID HOA	HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC	TYP	TYPICAL
HOA HP	HAND-OFF-AUTOMATIC HORSE POWER		UNDERFLOOR UNDERGROUND
HPF	HIGH POWER FACTOR	UGND UPS	UNDERGROUND
HPS	HIGH PRESSURE SODIUM		SUPPLY
		V	VOLTS
HWM	HORIZONTAL WIRE MANAGEMENT		
HZ	HERTZ	VFC/VF D	VARIABLE FREQUE
I/O	INPUT/ OUTPUT	VIC	VIDEO INTERCOM
IG	ISOLATED GROUND	VSS	VIDEO SURVEILLAN
IMC	INTERMEDIATE METAL CONDUIT	VWM	
IN/IS	INSULATED/ ISOLATED	W/ W/O	WITH WITHOUT
IR	INFRARED	WP	WEATHERPROOF
J-BOX		WPP	WIRELESS PATCH
kV kVA	KILOVOLT KILOVOLT AMPERE	XFMR	TRANSFORMER

TIONS MA	AY NOT BE USED.
kVAR	KILOVOLT AMPERE REACTIVE
kW	KILOWATT
kWh	
LED LFMC	LIGHT EMITTING DIODE LIQUID TIGHT FLEXIBLE METAL
	CONDUIT
LFNC	LIQUID TIGHT FLEXIBLE
	NONMETALLIC CONDUIT
LPS	LOW PRESSURE SODIUM
	LOCKED ROTOR AMPS
LTG LV	LIGHTING LOW VOLTAGE
MATV	MASTER ANTENNA TELEVISION
	SYSTEM
MAX	MAXIMUM
MC	METAL CLAD
MCA	
MCB MCC	MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER
MCC	MOTOR CONTROL CENTER MOTOR CIRCUIT PROTECTION
MDP	MAIN DISTRIBUTION PANEL
MG	MOTOR GENERATOR
MH	MANHOLE
MIN	MINIMUM
-	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTS	MANUAL TRANSFER SWITCH
NA	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL
	MANUFACTURERS ASSOCIATION
NFC	NATIONAL FIRE CODE
NFPA	NATIONAL FIRE PROTECTION
	ASSOCIATION
NIC	NOT IN CONTRACT
NL NO	NIGHT LIGHT NORMALLY OPEN
	NOT TO SCALE
	ON CENTER
OCP	OVER CURRENT PROTECTION
OE	OWNER ELECTRONICS
OF/CI	OWNER FURNISHED/
	CONTRACTOR INSTALLED OWNER FURNISHED/ OWNER
OF/OI	INSTALLED
OFP	OBTAIN FROM PLANS
OH DR	OVERHEAD (COILING) DOOR
-	OVERLOAD
PB	
	POWER FACTOR PHASE
PNL	
PNM	PANEL PLENUM PAIR
PNM PR	PLENUM
PNM PR PS PT	PLENUM PAIR
PNM PR PS PT PTZ	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM
PNM PR PS PT PTZ PV	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC
PNM PR PS PT PTZ PV QTY	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY
PNM PR PS PT PTZ PV QTY R	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE
PNM PR PS PT PTZ PV QTY R RCP	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY
PNM PR PS PT PTZ PV QTY R RCP RMC	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RO RPM	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RO RPM RPP	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RNC RO RPM RPP RR S/S SCA	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RNC RO RPM RPP RR S/S SCA SCBA	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID METAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RNC RNC RNC RNC RNC S/S SCA SCBA	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET)
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RNC RO RPM RPP RR S/S SCA SCBA	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID METAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET)
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SF BA	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RNC RNC RNC RNC SSCA SCA SCA SCA SCBA SF SFBA SFBA	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID METAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RNC RNC RNC RNC SSCA SCA SCA SCBA SF SFBA SFBA SPD SPDT SPEC SPP	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RNC RNC RO RPM RPP RR S/S SCA SCBA SFBA SFBA SFBA SFBA	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW STATION PATCH PANEL SINGLE POLE, SINGLE THROW
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SFBA SFBA SFBA SFBA SFBA SFBA SFBA SF	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA SFBA SFD SPDT SPEC SPP SPST ST SWBD	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SINGLE POLE, SINGLE THROW SINGLE THROW
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RNC RNC RO RPM RPP RR S/S SCA SCA SCBA SF BA SFBA SFBA SFBA SFBA SFBA SFBA S	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHBOARD SWITCHGEAR TWIST LOCK
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA SFBA SFBA SFBA SFBA SFBA	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHBOARD SWITCHGEAR TWIST LOCK
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SFBA SFBA SFBA SFBA SFBA SFBA SFBA SF	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RNC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA SFBA SFBA SFBA SFBA SFBA	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHBOARD SWITCHGEAR TWIST LOCK
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SFBA SFBA SFBA SFBA SFBA SFBA SFBA SF	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCA SCA SCBA SF BA SFBA SFBA SPDT SPEC SPP SPST ST SWBD SWGR TL TP TP TR TTB TV	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA SFBA SFBA SPDT SPEC SPP SPST ST SWBD SWGR TL TP TP TR TTB	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCA SCA SCBA SF BA SFBA SFBA SPDT SPEC SPP SPST ST SWBD SWGR TL TP TP TR TTB TV	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA SPDT SPEC SPP SPST ST SWBD SWGR TL TP TP TR TV TVSS	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA SFBA SFBA SFBA SPD SPDT SPEC SPP SPST ST SWBD SWGR TL TP TP TR TV TVSS TYP	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA SFBA SFBA SFD SPDT SPEC SPP SPST ST SWBD SVGR TL TP TR TP TR TV TVSS TYP UF	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCA SCBA SF SFBA SFBA SFBA SFBA SPDT SPEC SPP SPST ST SWBD SWGR TL TP TR TP TR TV TVSS TYP UF UGND UPS	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEVISION TRANSIENT VOLTAGE SURGE SUPPRESSER TYPICAL UNDERFLOOR UNDERGROUND UNINTERRUPTIBLE POWER SUPPLY
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA SFBA SFBA SPDT SPEC SPP SPST ST SWBD SVGR TL TP TP TR TTB TV TVSS TYP UF UGND UPS V	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD TELEVISION TRANSIENT VOLTAGE SURGE SUPPRESSER TYPICAL UNDERFLOOR UNDERGROUND UNINTERRUPTIBLE POWER SUPPLY
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA SFBA SPDT SPEC SPP SPST ST SWBD SPDT SPEC SPP TP TP TR TP TP TP TR TV V V V V V V	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SVITCHBOARD SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TELEVISION TRANSIENT VOLTAGE SURGE SUPPRESSER TYPICAL UNDERFLOOR UNDERGROUND UNINTERRUPTIBLE POWER SUPPLY VOLTS VOLT AMPERE
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCBA SF SFBA SFBA SFBA SFBA SFBA SPD SPDT SPEC SPP SPST ST SWBD SWGR TL TP TP TR TV TVSS TYP UF UGND UPS V VA VFC/VF D	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD TELEVISION TRANSIENT VOLTAGE SURGE SUPPRESSER TYPICAL UNDERFLOOR UNDERGROUND UNINTERRUPTIBLE POWER SUPPLY
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCA SCBA SF SFBA SFBA SPDT SPEC SPP SPST ST SWBD SVGR TL TP TR TD TP TR TV TVSS TYP UF UGND UPS V VA VFC/VF D VIC	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TARNSIENT VOLTAGE SURGE SUPPRESSER TYPICAL UNDERFLOOR UNDERGROUND UNINTERRUPTIBLE POWER SUPPLY VOLTS VOLT AMPERE VARIABLE FREQUENCY MOTOR CONTROLLER VIDEO INTERCOM SYSTEM
PNM PR PS PT PTZ PV QTY R RCP RMC RNC RO RPM RPP RR S/S SCA SCA SCBA SF SFBA SFBA SFBA SPDT SPEC SPP SPST ST SWBD SWGR TL TP TR TD TP TR TV TVSS TYP UF UGND UPS V VA VFC/VF D VIC VSS	PLENUM PAIR POWER SUPPLY POTENTIAL TRANSFORMER PAN/TILT/ZOOM PHOTO VOLTAIC QUANTITY REMOVE REFLECTED CEILING PLAN RIGID METAL CONDUIT RIGID NONMETAL CONDUIT REMOTE DOOR OPEN REVOLUTIONS PER MINUTE RISER PATCH PANEL REMOVE AND RELOCATE START/STOP SHORT CIRCUIT AMPS STANDARD COLOR AS SELECTED BY ARCHITECT SQUARE FOOT (FEET) STANDARD FINISH AS SELECTED BY ARCHITECT SURGE PROTECTIVE DEVICE SINGLE POLE, DOUBLE THROW SPECIFICATION STATION PATCH PANEL SINGLE POLE, SINGLE THROW SWITCHBOARD SWITCHBOARD SWITCHGEAR TWIST LOCK TELEPHONE POLE TWISTED PAIR TELECOMMMUNICATIONS ROOM TELEPHONE TERMINAL BOARD TELEPHONE TERMINAL BOARD TUNDERFLOOR UNDERGROUND UNINTERRUPTIBLE POWER SUPPLY VOLTS VOLT AMPERE VARIABLE FREQUENCY MOTOR CONTROLLER VIDEO INTERCOM SYSTEM VIDEO INTERCOM SYSTEM
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DEFINITIONS			
NOTE: ALL DEFINITIONS MAY NOT BE USED.			
INDICATED: THE TERM "INDICATED" REFERS TO GRAPHIC REPRESENTATIONS NOTES, OR SCHEDULES ON THE DRAWINGS, OTHER PARAGRAPHS OR SCHEDULES IN THE SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN THE CONTRACT DOCUMENTS. WHERE TERMS SUCH AS "SHOWN", "NOTED", "SCHEDULED", AND "SPECIFIED" ARE USED, IT IS TO HELP THE READER LOCAT THE REFERENCE, NO LIMITATION ON LOCATION IS INTENDED.			
DIRECTED: TERMS SUCH AS "DIRECTED", "REQUESTED", AUTHORIZED", "SELECTED", "APPROVED", "REQUIRED", AND "PERMITTED" MEAN "DIRECTED B THE ENGINEER", "REQUESTED BY THE ENGINEER", AND SIMILAR PHRASES.			
APPROVED: THE TERM "APPROVED", WHERE USED IN CONJUNCTION WITH THENGINEER'S ACTION ON THE CONTRACTOR'S SUBMITTALS, APPLICATIONS, AN REQUESTS, IS LIMITED TO THE ENGINEER'S DUTIES AND RESPONSIBILITIES AS STATED IN GENERAL AND SUPPLEMENTARY CONDITIONS.			
FURNISH: THE TERM "FURNISH" IS USED TO MEAN "SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS."			
INSTALL: THE TERM "INSTALL" IS USED TO DESCRIBE OPERATIONS AT PROJECTIONS INCLUDING THE ACTUAL "UNLOADING, UNPACKING, ASSEMBLY, ERECTION PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS."			
PROVIDE: THE TERM "PROVIDE" MEANS "TO FURNISH AND INSTALL, COMPLET AND READY FOR THE INTENDED USE."			
INSTALLER: AN "INSTALLER" IS THE CONTRACTOR OR AN ENTITY ENGAGED BY THE CONTRACTOR, EITHER AS AN EMPLOYEE, SUBCONTRACTOR, OR SUB-			

SUBCONTRACTOR, FOR PERFORMANCE OF A PARTICULAR CONSTRUCTION ACTIVITY, INCLUDING INSTALLATION, ERECTION, APPLICATION, AND SIMILAR OPERATIONS. INSTALLERS ARE REQUIRED TO BE EXPERIENCED IN THE OPERATIONS THEY ARE ENGAGED TO PERFORM.

TECHNOLOGY SYSTEMS: THE TERM "TECHNOLOGY SYSTEMS" IS USED TO DESCRIBE ALL LOW VOLTAGE SYSTEMS GENERALLY REFERRED TO AS "SPECIAL SYSTEMS". THESE SYSTEMS INCLUDE BUT ARE NOT NECESSARILY LIMITED TO ALL SYSTEMS WHICH UTILIZE VOLTAGES OF LESS THAN 71 VOLTS SUCH AS SOUND SYSTEMS, VIDEO SYSTEMS, TV SYSTEMS, SECURITY SYSTEMS, VOICE AND DATA CABLING SYSTEMS, ETC...

GENERAL ELECTRICAL NOTES

- CLARIFICATION METHODS: AT THE TIME OF BIDDING, BIDDERS SHALL FAMILIARIZE THEMSELVES WITH THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS, MISUNDERSTANDINGS, CONFLICTS, DELETIONS, DISCONTINUED PRODUCTS, CATALOG NUMBER DISCREPANCIES, DISCREPANCIES BETWEEN THE EQUIPMENT SUPPLIED AND THE INTENT OR FUNCTION OF THE EQUIPMENT, ETC, SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER IN WRITING FOR CLARIFICATION PRIOR TO ISSUANCE OF THE FINAL ADDENDUM AND BIDDING OF THE PROJECT. WHERE DISCREPANCIES OR MULTIPLE INTERPRETATIONS OCCUR, THE MOST STRINGENT (WHICH IS GENERALLY RECOGNIZED AS THE MOST COSTLY) THAT MEETS THE INTENT OF THE DOCUMENTS SHALL BE ENFORCED.
- OWNER FURNISHED ITEMS: THE OWNER WILL FURNISH MATERIAL AND EQUIPMENT AS INDICATED IN THE CONTRACT DOCUMENTS TO BE INCORPORATED INTO THE WORK. THESE ITEMS ARE ASSIGNED TO THE INSTALLER AND COSTS FOR RECEIVING, HANDLING, STORAGE, IF REQUIRED, AND INSTALLATION ARE INCLUDED IN THE CONTRACT SUM.
- A. THE INSTALLER'S RESPONSIBILITIES ARE THE SAME AS IF THE INSTALLER FURNISHED THE MATERIALS OR EQUIPMENT.
- B. THE OWNER WILL ARRANGE AND PAY FOR DELIVERY OF OWNER FURNISHED ITEMS FREIGHT ON BOARD JOB SITE AND THE INSTALLER WILL INSPECT DELIVERIES FOR DAMAGE. IF OWNER FURNISHED ITEMS ARE DAMAGED, DEFECTIVE OR MISSING, DOCUMENT DAMAGED ITEMS WITH THE TRANSPORT COMPANY AND THE OWNER WILL ARRANGE FOR REPLACEMENT. THE OWNER WILL ALSO ARRANGE FOR MANUFACTURER'S FIELD SERVICES, AND THE DELIVERY OF MANUFACTURER'S WARRANTIES AND BONDS TO THE INSTALLER.
- C. THE INSTALLER IS RESPONSIBLE FOR DESIGNATING THE DELIVERY DATES OF OWNER FURNISHED ITEMS AND FOR RECEIVING, UNLOADING AND HANDLING OWNER FURNISHED ITEMS AT THE SITE. THE INSTALLER IS RESPONSIBLE FOR PROTECTING OWNER FURNISHED ITEMS FROM DAMAGE, INCLUDING DAMAGE FROM EXPOSURE TO THE ELEMENTS, AND TO REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF HIS OPERATIONS.
- EXPOSED STRUCTURE AREAS (EXCLUDING MECHANICAL, ELECTRICAL, AND COMMUNICATION SPACES): INSTALL RACEWAYS BETWEEN DECK AND STRUCTURE WHEREVER POSSIBLE IN EXPOSED STRUCTURE CEILING AREAS. ROUTE RACEWAYS IN CONCEALED AREAS WHEREVER POSSIBLE. REFER ALL CONDITIONS WHERE RACEWAYS MUST BE INSTALLED WHICH CANNOT COMPLY WITH THESE REQUIREMENTS TO THE ARCHITECT.
- SUBMITTALS: PROVIDE ORIGINAL ELECTRONIC PDF FORMAT, BOUND, BOOKMARKED (EACH SECTION AND PRODUCT), AND HIGHLIGHTED. JOB NAME AND SUBCONTRACTOR SHALL BE ON THE FRONT COVER. PREPARE INDEX OF EQUIPMENT SUBMITTED IN EACH TAB.
- REFLECTED CEILING PLANS: COORDINATE THE LOCATION OF LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. REFER ALL DISCREPANCIES TO THE ARCHITECT AND ENGINEER.
- ALL WORK SHALL BE DONE ACCORDING TO THE CURRENT NATIONAL ELECTRIC CODE (NEC), IBC, NFPA, AND IFC. COMPLIANCE AND FINAL APPROVAL IS SUBJECT TO THE ON SITE FIELD INSPECTION OF THE AHJ.

ELECTRICAL SHEET INDEX

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EP502	GE DRAWINGS
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EP601	ONE-LINE DIAGRAM
EP602	TELECOM RISER DIAGRAMS
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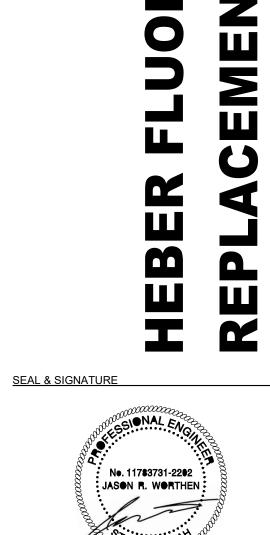
ARCHITECT HKS ARCHITECTS, INC. 222, MAIN ST, ST #230 SALT LAKE CITY, UTAH 84101

CON1-DISCIPLINE CON1-COMPANY CON1-ADDRESS1 CON1-ADDRESS2

CON2-DISCIPLINE CON2-COMPANY CON2-ADDRESS1

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CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



SPECTRUM ENGINEERS 324 S. State St., Suite 400 Salt Lake City, UT 84111 800-678-7077 801-328-5151 fax: 801-328-5155 www.spectrum-engineers.com KEY PLAN

REVISION DESCRIPTION DATE NO.

HKS PROJECT NUMBER 26651**.000** DATE 06/26/24 ISSUE

SHEET TITLE ELECTRICAL COVER SHEET



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SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	
LIGHTING		
(W-3)	FIXTURE IDENTIFICATION: (W-3) INDICATES FIXTURE TYPE AS SCHEDULED.	
(W-3E)	FIXTURE IDENTIFICATION: EMERGENCY LIGHTING FIXTURE WITH BATTERY PACK AND/ OR GENERATOR AND/ OR CENTRALIZED INVERTER AND/ OR CENTRALIZED UPS CONNECTION AS INDICAT IN PLANS. (W-3E) INDICATES FIXTURE TYPE AS SCHEDULED.	
EM	EMERGENCY.	
NL	NIGHT LIGHT: DO NOT SWITCH.	
1	EGRESS DIRECTION ARROW (EXIT SIGNS).	
\bigotimes	EXIT SIGN: SINGLE FACE; CEILING MOUNTED	
${}$	EXIT SIGN: SINGLE FACE; WALL MOUNTED	
$\mathbf{\Theta}$	EXIT SIGN: DOUBLE FACE; CEILING MOUNTED	
Ð	EXIT SIGN: DOUBLE FACE; WALL MOUNTED	
LIGHTING	CONTROL	
*	OCCUPANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.	
ž	OCCUPANCY SENSOR, DUAL TECHNOLOGY, WALL.	
•	OCCUPANCY SENSOR, DUAL TECHNOLOGY, DIRECTIONAL.	
Р	PHOTOCELL.	
HP	PHOTOCELL, WALL MOUNTED.	
*	VACANCY SENSOR, DUAL TECHNOLOGY, OMNI-DIRECTIONAL, CEILING.	
↓ ↓ •●•	VACANCY SENSOR, DUAL TECHNOLOGY, WALL.	
X	CEILING FAN.	
*	SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WA	
**	SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL	
杳	DIMMER SWITCH/OCCUPANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.	
÷ Č	DIMMER SWITCH/VACANCY SENSOR COMBO, DUAL TECHNOLOGY, WALL.	
a,b ≸	LOW VOLTAGE DIGITAL LIGHTING CONTROL SWITCH: LETTER "a,b" INDICATES ZONING WHERE SHOWN (REFER TO PLANS, SCHEDULES, AND DETAILS FOR EXACT BUTTON CONFIGURATION AND PROGRAMMING REQUIREMENTS)	
RC	DIGITAL LIGHTING ROOM CONTROLLER	
DC	DIGITAL LIGHTING DIMMING CONTROLLER	
LC	DIGITAL PLUG LOAD CONTROLLER	
LS	LIGHTING NETWORK SWITCH.	
NR	LIGHTING NETWORK ROUTER.	
SM	LIGHTING NETWORK SEGMENT MANAGER	
NB	LIGHTING NETWORK BRIDGE	
ET	LIGHTING EMERGENCY TRANSFER DEVICE	
	LIGHTING SPACE CONTROL TYPE. X INDICATES TYPE. SEE SCHEDULE / DIAGRAM.	

	SYMBOLS LEGEND	
SYMBOL	DESCRIPTION	
FIRE ALARM		
FAA	FIRE ALARM ANNUNCIATOR PANEL.	
FACP	FIRE ALARM CONTROL PANEL, SEMI-RECESSED.	
FATC	FIRE ALARM TERMINAL CABINET: NAC, SLC, SPEAKER CIRCUITS; AMPLIFIERS, BATTERIES	
HVAC	CONTROL PANEL FOR HVAC: SMOKE CONTROL,	
EVAC	VOICE EVACUATION PANEL.	
PRE	PRE-ACTION CONTROL PANEL.	
MIC	REMOTE VOICE EVACUATION MICROPHONE.	
FPC FIRE PUMP CONTROLLER.		
JPC JOCKEY PUMP CONTROLLER.		
C AUTOMATIC DOOR CLOSERS: DOOR CLOSERS SHALL BE FURNISHED WITH DOOR HARDWARE AND CONNECTED BY FIRE ALARM INSTALLER.		
CM CONTROL MODULE.		
MM MONITOR MODULE.		
F	FIRE ALARM MANUAL PULL STATION.	
	FIRE ALARMI MANUAL FULL STATION.	
R	SHUT DOWN RELAY: INSTALL RELAY IN CONTROL CIRCUIT OF EQUIPMENT TO BE CONTROLLED IN THE EVENT OF A FIRE.	
FS	WATER FLOW SWITCH. FLOW SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWINGS.	
vs	VALVE SUPERVISORY SWITCH, TAMPER SWITCH. TAMPER SWITCHES SHALL BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACTOR AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE FIRE SPRINKLER SHOP DRAWING	
PS	PRESSURE SUPERVISORY SWITCH. PRESSURE SWITCHES SH BE PROVIDED AND INSTALLED BY FIRE SPRINKLER CONTRACT AND SHALL BE CONNECTED TO LOCATIONS SHOWN ON THE F SPRINKLER SHOP DRAWINGS	
<u>5</u>	MAGNETIC DOOR HOLDER.	
<u>َ</u>	DETECTOR, SMOKE.	
	DETECTOR, SMOKE, WALL MOUNTED.	
₹ A	DETECTOR, SMOKE WITH AUXILIARY CONTACT.	
(2) _{BR}	DETECTOR, SMOKE, BEAM RECEIVER.	
() BT	DETECTOR, SMOKE, BEAM TRANSMITTER.	
(2) E	DETECTOR, SMOKE, ELEVATOR RECALL DESIGNATION.	
() G	DETECTOR, SMOKE WITH GUARD.	
₹	DETECTOR, SMOKE, RESIDENTIAL.	
R R	DETECTOR, SMOKE WITH STROBE.	
	DETECTOR, SMOKE, RESIDENTIAL WITH SOUNDER BASE.	
e _{AS}	DETECTOR, SMOKE, AIR SAMPLING SYSTEM PORT LOCATION.	
	DETECTOR, SMOKE, DUCT WITH HOUSING AND SAMPLING TUE	
L _{SD}	SMOKE DAMPER. 120V POWER FROM ELECTRICAL SYSTEM.	
	COMBINATION FIRE/SMOKE DAMPER. 120V POWER	
@ FSD	FROM ELECTRICAL SYSTEM.	
I FSD		
	FROM ELECTRICAL SYSTEM.	
RTS	FROM ELECTRICAL SYSTEM. REMOTE ALARM INDICATING AND TEST SWITCH.	
	FROM ELECTRICAL SYSTEM. REMOTE ALARM INDICATING AND TEST SWITCH. DETECTOR, HEAT.	
RTS CO X	FROM ELECTRICAL SYSTEM. REMOTE ALARM INDICATING AND TEST SWITCH. DETECTOR, HEAT. DETECTOR, CARBON MONOXIDE. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. SUBSCRIPT INDICATES	
RTS CO X 75	FROM ELECTRICAL SYSTEM. REMOTE ALARM INDICATING AND TEST SWITCH. DETECTOR, HEAT. DETECTOR, CARBON MONOXIDE. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING.	
RTS CO X	FROM ELECTRICAL SYSTEM. REMOTE ALARM INDICATING AND TEST SWITCH. DETECTOR, HEAT. DETECTOR, CARBON MONOXIDE. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. SUBSCRIPT INDICATES	
RTS CO X 75	FROM ELECTRICAL SYSTEM. REMOTE ALARM INDICATING AND TEST SWITCH. DETECTOR, HEAT. DETECTOR, CARBON MONOXIDE. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING. ALARM, HORN/SPEAKER, WALL MOUNTED, WEATHERPROOF. ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.	
RTS CO X 75	FROM ELECTRICAL SYSTEM. REMOTE ALARM INDICATING AND TEST SWITCH. DETECTOR, HEAT. DETECTOR, CARBON MONOXIDE. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING. ALARM, HORN/SPEAKER, WALL MOUNTED, WEATHERPROOF.	
RTS RTS CO Z 75 VP VP	FROM ELECTRICAL SYSTEM. REMOTE ALARM INDICATING AND TEST SWITCH. DETECTOR, HEAT. DETECTOR, CARBON MONOXIDE. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING. ALARM, HORN/SPEAKER, WALL MOUNTED, WEATHERPROOF. ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.	
RTS CO CO T5 WP CO T5 T5 T5	FROM ELECTRICAL SYSTEM. REMOTE ALARM INDICATING AND TEST SWITCH. DETECTOR, HEAT. DETECTOR, CARBON MONOXIDE. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. STROBE, WALL MOUNTED. SUBSCRIPT INDICATES CANDELA RATING. ALARM, HORN/SPEAKER, WALL MOUNTED, WEATHERPROOF. ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. SUBSCRIPT INDICATES CANDELA RATING. ALARM, CHIME/STROBE, WALL MOUNTED, ONE ASSEMBLY. ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY. ALARM, HORN/STROBE, WALL MOUNTED, ONE ASSEMBLY.	
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SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	
SECURITY		
X	SECURITY CABLE. SEE EQUIPMENT SCHEDULE FOR CABLE TYPE.	
ACC	ACCESS CONTROL HEADEND EQUIPMENT.	
CTR	SECURITY CONTROL PANEL.	
SEC	INTRUSION DETECTION HEADEND EQUIPMENT.	
#1	CARD ACCESS DOOR TYPE #1 OR AS NOTED. SEE SCHEDULE.	
	CARD READER.	
KCR	KEYPAD/CARD READER COMBINATION.	
	DOOR SWITCH, BALANCED MAGNETIC CONTROL.	
⊚ _{ER}	EXIT REQUEST.	
• RL	REMOTE DOOR RELEASE BUTTON.	
	BELL.	
	BUZZER.	
	BUZZER, COMBINATION BELL.	
┌─┐ └_┘	SENSOR, BURIED VEHICULAR.	
$\langle \! \rangle$	SENSOR, GLASS BREAK.	
\Diamond	SENSOR, VOLUMETRIC.	
CA	CONTROLLED ACCESS POINT.	
(IC)	INTERCOM STATION.	
IRU	DUAL TECHNOLOGY PASSIVE INFRARED SENSOR AND ULTRASONIC MOTION DETECTOR.	
IR	PASSIVE INFRARED SENSOR.	
P	PANIC DURESS SWITCH.	
U	ULTRASONIC MOTION DETECTOR.	
AP	ANNUNCIATOR PANEL.	
MSI	MASTER STATION, INTERCOM.	

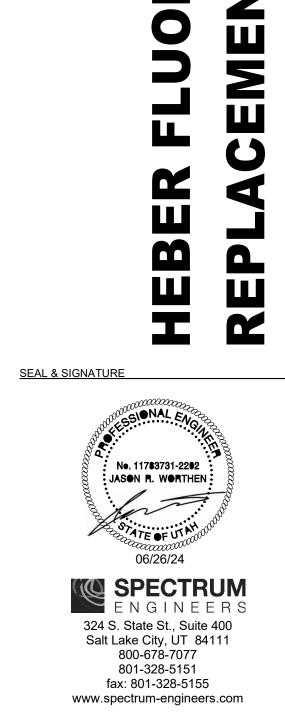


CON1-DISCIPLINE CON1-COMPANY CON1-ADDRESS1 CON1-ADDRESS2

CON2-DISCIPLINE CON2-COMPANY CON2-ADDRESS1

CON2-ADDRESS2 CON3-DISCIPLINE CON3-COMPANY CON3-ADDRESS1 CON3-ADDRESS2

CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



PROJECT ADDR

N REVISION NO. DESCRIPTION DATE

<u>KEY PLAN</u>

HKS PROJECT NUMBER **26651.000** DATE **06/26/24** ISSUE

SHEET TITLE SYMBOLS LEGEND

EE002

INSERT COLOR	TYPE/ APPLICATION
BLACK	TV COAX
BLUE	ANALOG PHONE
BLUE	DATA
BLUE	SECURITY CAMERAS
GRAY	SECURITY CARD READERS
ORANGE	CLINICAL ENGINEERING / NURSE CALL
RED	FIRE SYSTEMS
RED	FORESEER
WHITE	PUBLIC ADDRESS
YELLOW	WIRELESS
GREEN	VENDOR NETWORK

COPPEF

(CATEGO	R
LENGTH (FEET)	
5'	
7'	
10'	

COPPEF

(CATE	GO
LENGTH (FEET)	
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TEG
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CLINICAL ENGIN

	(CAT	EGO
LENGTH (METER)		
5'		
7'		

F/UTP CABLES	W/RJ-45 CONNECT	TORS)		S INDICATED BELOW SHALL NOT BE CONSTRUED AS A "BILL OF MATERIALS". THIS LIST IDENTIFIES ITEMS	
COLOR	QUANTITY	UNIT COST (EACH)	SPECIFIED	NSTALLATION. WHERE THE ITEMS INDICATED ARE ONE PORTION OF AN ASSEMBLY, THE ENTIRE ASSEM D. PROVIDE ALL MISCELLANEOUS HARDWARE AND SUPPORTS, WHICH MAY NOT BE LISTED HERE, FOR A WITH DESCRIPTIONS AND NOTIFY ENGINEER OF DISCREPANCIES PRIOR TO BID. IF CATALOG NUMBER:	A COMPLETE INSTALLATION. COMPARE CATALOG
BLUE	20% OF TOTAL PORTS IN	-		CEDENCE. PROVIDE COMPLETE SUBMITTAL FOR APPROVAL PRIOR TO PURCHASING ANY EQUIPMENT (
	TDR'S		SYMBOL	ITEM DESCRIPTION	ACCEPTABLE TYPES
BLUE	60% OF TOTAL PORTS IN	-	W	VOICE OUTLET, SINGLE GANG FACEPLATE, WHITE W/WALL HUNG PHONE MOUNTING STUDS, ONE POSITION W/ CATEGORY 6A INSERT	SIEMON MX-WP-Z6AS-SS
	TDR'S			DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
BLUE	20% OF TOTAL PORTS IN	-	\bigtriangledown	CATEGORY 6A JACK - DATA, BLUE	SIEMON Z6A-S06
	TDR'S			BLANK INSERT, WHITE DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON MX-BL-02 SIEMON 10GMX-FPS04-02
			$\mathbf{\nabla}$	CATEGORY 6A JACK - DATA, BLUE	SIEMON TOGMA-PPS04-02 SIEMON Z6A-S06
				BLANK INSERT, WHITE	SIEMON MX-BL-02
	RD SCHEDU	II F		DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION CATEGORY 6A JACK - DATA, BLUE	SIEMON 10GMX-FPS04-02 SIEMON Z6A-S06
ATON 00			•	BLANK INSERT, WHITE	SIEMON X-BL-02
5E CABLES W/F	RJ-45 CONNECTOR	RS)	4	DATA OUTLET, SINGLE GANG FACEPLATE, WHITE, 4 POSITION	SIEMON 10GMX-FPS04-02
COLOR	QUANTITY	UNIT COST (EACH)	•	CATEGORY 6A JACK - DATA, BLUE DATA OUTLET, SURFACE MOUNT BOX, WHITE, 2 POSITION (C=CEILING MOUNTED BOX)	SIEMON Z6A-S06 SIEMON MX-SMZ2-02
		. ,		CATEGORY 6A JACK - DATA, YELLOW	SIEMON MX-SM22-02 SIEMON Z6A-S05
BLUE	15	-	RPP2	48 PORT, 2RU ANGLED PATCH PANEL, 110 STYLE TERMINATION	SIEMON HD5-48A
BLUE	15	-	SPP1	BLANK FILLER PANEL, 1RU ANGLED 48 PORT, 1RU ANGLED PATCH PANEL, WITH OUTLETS - DETACHABLE REAR MNG	SIEMON PNL-BLNKA-1 SIEMON Z6AS-PA-48
BLUE	15	-	SPP1 SPP2	48 PORT, TRU ANGLED PATCH PANEL, WITH OUTLETS - DETACHABLE REAR MING 48 PORT, 2RU FLAT PATCH PANEL, WITH OUTLETS - FIXED MNG	SIEMON Z6AS-PA-46 SIEMON Z6AS-PNL-U48K
			CEPP1	48 PORT, 1RU ANGLED PATCH PANEL, WITH OUTLETS - DETACHABLE REAR MNG	SIEMON Z6AS-PA-48
			NCPP1	24 PORT, 1RU FLAT PATCH PANEL, WITH OUTLETS 48 PORT, 1RU ANGLED PATCH PANEL, WITH OUTLETS	SIEMON UP5-F1-24K-RS SIEMON UP6-A1-48L-RS
	RD SCHEDUL	E	NCPP2	48 PORT, 1RU ANGLED PATCH PANEL, WITH OUTLETS 48 PORT, 2RU FLAT PATCH PANEL, WITH OUTLETS	SIEMON UP5-F2-48K-RS
		. 🗠	TGPP1	48 PORT, 1RU ANGLED PATCH PANEL, WITH OUTLETS	SIEMON Z6AS-PA-48
E-MODE W/LC (CONNECTORS)		PPP1	24 PORT, 1RU FLAT PATCH PANEL, 110 STYLE TERMINATION	SIEMON HD5-24A
COLOR	QUANTITY		FPP2	FIBER PATCH PANEL, LIGHTVERSE, 2RU SIX POSITION, 12 STRAND, FIBER SPLICE MODULE, LC, SINGLE-MODE	SIEMON LVE-2U-MD-P01A SIEMON LVS12-LSUARUAB1A
	QUANTITY	UNIT COST (EACH)		BLANK ADAPTER PLATE, LIGHTVERSE, BLACK	SIEMON LVA-BLANK-01A
YELLOW	-	-	HWM4	HORIZONTAL WIRE MANAGERS, 4RU	PANDUIT PR2HF4
YELLOW	-	-	HWM2 VWM	HORIZONTAL WIRE MANAGERS, FRONT ONLY, 2RU, BLACK VERTICAL WIRE MANAGERS, 10" WIDTH, DOUBLE SIDED, BLACK, 8'	PANDUIT PR2HF2 CHATSWORTH 40096-715
			PSU	POWER SUPPLY UNIT, 12 PORT, 1RU	CORNING PSU6-1U
				MODULAR POWER SUPPLY, 57 VDC	
			BET	MODULAR POWER SUPPLY, 57 VDC BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION	CORNING PSM-I SURGE GATE CAT6A-LAN
	ATCH CORD S			BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATIONEQUIPMENT RACK 19" x 8', 52 RU, BLACKDATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S
				BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S
′ 6A F/UTP W R	RJ/45 CONNECTORS	6		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S DCE E4562120122001S
ÓA F/UTP W R	RJ/45 CONNECTORS QUANTITY 100% OF TOTAL PORTS IN	6		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S
COLOR	RJ/45 CONNECTORS	6		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATIONEQUIPMENT RACK 19" x 8', 52 RU, BLACKDATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDESDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACKDATA CENTER CABINETS 27.6" x 47.3" x 7', 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDESDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S DCE E4562120122001S DCE E4572121122001S DCE E4572122122001S DCE E4572122122001S DCE E4572122122001S DCE E4572122122001S
6A F/UTP W R	RJ/45 CONNECTORS QUANTITY 100% OF TOTAL PORTS IN	6		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATIONEQUIPMENT RACK 19" x 8', 52 RU, BLACKDATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDESDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACKDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACKDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACKDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACKDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDESDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACKWALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S DCE E4562120122001S DCE E4572121122001S DCE E4572121122001S DCE E4572121122001S
6A F/UTP W R COLOR YELLOW	RJ/45 CONNECTORS QUANTITY 100% OF TOTAL PORTS IN TDR'S	S UNIT COST (EACH) -		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, SOLID METAL DOOR D	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S DCE E4562120122001S DCE E4572121122001S DCE E4572122122001S DCE E4572122122001S DCE E4572122122001S DCE E4572122122001S DCE E4572120122001S DCE E4572120122001S CHATSWORTH 11840-748
6A F/UTP W R COLOR YELLOW	RJ/45 CONNECTORS QUANTITY 100% OF TOTAL PORTS IN	S UNIT COST (EACH) -		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATIONEQUIPMENT RACK 19" x 8', 52 RU, BLACKDATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDESDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACKDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACKDATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACKDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACKDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDESDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDEDATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACKWALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S DCE E4562120122001S DCE E4572121122001S DCE E4572122122001S DCE E4572122122001S DCE E4572122122001S DCE E4572122122001S
6A F/UTP W R COLOR YELLOW	RJ/45 CONNECTORS QUANTITY 100% OF TOTAL PORTS IN TDR'S	S UNIT COST (EACH) - SCHEDULE		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK WALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED RACK, 53.6" H x 17" D, 26RU, BLACK HEAVY DUTY SWING GATE KIT CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S DCE E4562120122001S DCE E4572121122001S DCE E4572122122001S DCE E4572122122001S DCE E4572120122001S CHATSWORTH 11840-748 CHATSWORTH 11807-718 CHATSWORTH 12795-701 CHATSWORTH 10250-724
6A F/UTP W R COLOR YELLOW ERING PA 6A F/UTP W R	AJ/45 CONNECTORS	S UNIT COST (EACH) - SOCHEDULE		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK WALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED RACK, 53.6" H x 17" D, 26RU, BLACK HEAVY DUTY SWING GATE KIT CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S DCE E4562120122001S DCE E4562120122001S DCE E4572121122001S DCE E4572122122001S DCE E4572120122001S CE E4572120122001S CHATSWORTH 11840-748 CHATSWORTH 11807-718 CHATSWORTH 12795-701 CHATSWORTH 10250-724 CHATSWORTH 10250-718
6A F/UTP W R COLOR YELLOW ERING PA 6A F/UTP W R COLOR	AJ/45 CONNECTORS	S UNIT COST (EACH) - SCHEDULE		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK WALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED RACK, 53.6" H x 17" D, 26RU, BLACK HEAVY DUTY SWING GATE KIT CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S DCE E4562120122001S DCE E4572121122001S DCE E4572122122001S DCE E4572122122001S DCE E4572120122001S CHATSWORTH 11840-748 CHATSWORTH 11807-718 CHATSWORTH 12795-701 CHATSWORTH 10250-724
6A F/UTP W R COLOR YELLOW ERING PA	AJ/45 CONNECTORS	S UNIT COST (EACH) - SOCHEDULE		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK WALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED RACK, 53.6" H x 17" D, 26RU, BLACK HEAVY DUTY SWING GATE KIT CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES BUTT SPLICE KIT, BLACK JUNCTION SPLICE KIT, BLACK	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S DCE E4562120122001S DCE E4572121122001S DCE E4572122122001S DCE E4572122122001S DCE E4572120122001S CE E4572120122001S CHATSWORTH 11840-748 CHATSWORTH 11807-718 CHATSWORTH 12795-701 CHATSWORTH 10250-724 CHATSWORTH 10250-718 CHATSWORTH 11301-701 CHATSWORTH 11302-701
6A F/UTP W R COLOR YELLOW ERING PA 6A F/UTP W R COLOR ORANGE	AJ/45 CONNECTORS	S UNIT COST (EACH) - SOCHEDULE		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK WALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED RACK, 53.6" H x 17" D, 26RU, BLACK HEAVY DUTY SWING GATE KIT CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES BUTT SPLICE KIT, BLACK JUNCTION SPLICE KIT, BLACK FOOT KIT, BLACK 6" CHANNEL RACK TO RUNWAY, BLACK	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562120122001S DCE E4562120122001S DCE E4572121122001S DCE E4572122122001S DCE E4572120122001S DCE E4572120122001S DCE E4572120122001S CHATSWORTH 11840-748 CHATSWORTH 11807-718 CHATSWORTH 12795-701 CHATSWORTH 10250-724 CHATSWORTH 10250-718 CHATSWORTH 11301-701 CHATSWORTH 11302-701 CHATSWORTH 11309-701 CHATSWORTH 12409-724
6A F/UTP W R COLOR YELLOW ERING PA 6A F/UTP W R COLOR	AJ/45 CONNECTORS	S UNIT COST (EACH) - SOCHEDULE		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK WALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED RACK, 53.6" H x 17" D, 26RU, BLACK HEAVY DUTY SWING GATE KIT CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES BUTT SPLICE KIT, BLACK JUNCTION SPLICE KIT, BLACK	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562122122001S DCE E4562120122001S DCE E4572121122001S DCE E4572122122001S DCE E4572120122001S DCE E4572120122001S CE E4572120122001S CHATSWORTH 11840-748 CHATSWORTH 11807-718 CHATSWORTH 12795-701 CHATSWORTH 10250-724 CHATSWORTH 10250-718 CHATSWORTH 11301-701 CHATSWORTH 11302-701 CHATSWORTH 11309-701
6A F/UTP W R COLOR YELLOW ERING PA 6A F/UTP W R COLOR ORANGE	AJ/45 CONNECTORS	S UNIT COST (EACH) - SOCHEDULE		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET 27.6" x 47.3" x 7', 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET 27.6" x 47.3" x 7', 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED RACK, 53.6" H x 17" D, 26RU, BLACK HEAVY DUTY SWING GATE KIT CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES BUTT SPLICE KIT, BLACK JUNCTION SPLICE KIT, BLACK FOOT KIT, BLACK FOOT KIT, BLACK 18" TRIANGLE BRACKETS, BLACK 24" TRIANGLE BRACKETS, BLACK END CLOSING KIT, CABLE RUNWAY, BLACK	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562120122001S DCE E4562120122001S DCE E4572121122001S DCE E4572121122001S DCE E4572120122001S DCE E4572120122001S CHATSWORTH 11840-748 CHATSWORTH 11807-718 CHATSWORTH 12795-701 CHATSWORTH 10250-724 CHATSWORTH 11301-701 CHATSWORTH 11302-701 CHATSWORTH 11309-701 CHATSWORTH 11746-718 CHATSWORTH 11746-724 CHATSWORTH 11700-724
6A F/UTP W R COLOR YELLOW ERING PA 6A F/UTP W R COLOR ORANGE	AJ/45 CONNECTORS	S UNIT COST (EACH) - SOCHEDULE		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 27.6" x 47.3" x 7', 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, SOLID METAL DOOR WALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED RACK, 53.6" H x 17" D, 26RU, BLACK HEAVY DUTY SWING GATE KIT CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES BUTT SPLICE KIT, BLACK FOOT KIT, BLACK 6" CHANNEL RACK TO RUNWAY, BLACK 18" TRIANGLE BRACKETS, BLACK END CLOSING KIT, CABLE RUNWAY, BLACK 18" WALL ANGLE SUPPORT KIT, CABLE RUNWAY, BLACK	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562120122001S DCE E4562120122001S DCE E4572121122001S DCE E4572121122001S DCE E4572120122001S DCE E4572120122001S CHATSWORTH 11840-748 CHATSWORTH 11807-718 CHATSWORTH 11807-718 CHATSWORTH 10250-724 CHATSWORTH 10250-718 CHATSWORTH 11301-701 CHATSWORTH 11309-701 CHATSWORTH 11309-701 CHATSWORTH 11746-718 CHATSWORTH 11700-724 CHATSWORTH 11700-724 CHATSWORTH 11700-724 CHATSWORTH 11742-718
6A F/UTP W R COLOR YELLOW ERING PA 6A F/UTP W R COLOR ORANGE	AJ/45 CONNECTORS	S UNIT COST (EACH) - SOCHEDULE		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET 27.6" x 47.3" x 7', 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET 27.6" x 47.3" x 7', 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR WALL MOUNTED RACK, 53.6" H x 17" D, 26RU, BLACK HEAVY DUTY SWING GATE KIT CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES BUTT SPLICE KIT, BLACK JUNCTION SPLICE KIT, BLACK FOOT KIT, BLACK FOOT KIT, BLACK 18" TRIANGLE BRACKETS, BLACK 24" TRIANGLE BRACKETS, BLACK END CLOSING KIT, CABLE RUNWAY, BLACK	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562120122001S DCE E4562120122001S DCE E4572121122001S DCE E4572121122001S DCE E4572120122001S DCE E4572120122001S CHATSWORTH 11840-748 CHATSWORTH 11807-718 CHATSWORTH 12795-701 CHATSWORTH 10250-724 CHATSWORTH 10250-718 CHATSWORTH 11301-701 CHATSWORTH 11309-701 CHATSWORTH 11309-701 CHATSWORTH 11746-718 CHATSWORTH 11746-724 CHATSWORTH 11700-724
6A F/UTP W R COLOR YELLOW ERING PA 6A F/UTP W R COLOR ORANGE	AJ/45 CONNECTORS	S UNIT COST (EACH) - SOCHEDULE		BUILDING ENTRANCE TERMINAL, CAT 6A, 110 STYLE TERMINATION EQUIPMENT RACK 19" x 8', 52 RU, BLACK DATA CENTER CABINETS 23.6" x 47.3" x 7', 45RU x 600mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 600mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 7', 45RU x 700mm x 1200mm, BLACK, WITH 2 SIDES DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK, WITH 1 SIDE DATA CENTER CABINET, 45RU x 700mm x 1200mm, BLACK WALL MOUNTED CABINET, 48"(H) x 24"(D), 26RU, BLACK, SOLID METAL DOOR D WALL MOUNTED RACK, 53.6" H x 17" D, 26RU, BLACK HEAVY DUTY SWING GATE KIT CABLE RUNWAY - 24", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES CABLE RUNWAY - 18", BLACK WITH ALL REQUIRED MOUNTING ACCESSORIES BUTT SPLICE KIT, BLACK JUNCTION SPLICE KIT, BLACK G'CHANNEL RACK TO RUNWAY, BLACK 18" TRIANGLE BRACKETS, BLACK 18" TRIANGLE BRACKETS, BLACK 18" WALL ANGLE SUPPORT KIT, CABLE RUNWAY, BLACK	SURGE GATE CAT6A-LAN CHATSWORTH 55053-715 DCE E4562121122001S DCE E4562120122001S DCE E4562120122001S DCE E4572121122001S DCE E4572121122001S DCE E4572120122001S DCE E4572120122001S CE E4572120122001S CE E4572120122001S CHATSWORTH 11840-748 CHATSWORTH 11807-718 CHATSWORTH 10250-724 CHATSWORTH 10250-724 CHATSWORTH 10250-718 CHATSWORTH 11301-701 CHATSWORTH 11309-701 CHATSWORTH 11309-701 CHATSWORTH 11746-718 CHATSWORTH 11746-724 CHATSWORTH 11746-724 CHATSWORTH 11421-718 CHATSWORTH 11421-724 CHATSWORTH 11421-724 CHATSWORTH 11421-724 CHATSWORTH 11421-724 CHATSWORTH 11421-724 CHATSWORTH 112100-712
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TELECOMMUNICATIONS GROUNDING BUS BAR NOTE: ALL RACKS, LADDER, PATCH PANELS AND ACCESSORIES SHALL BE BLACK IN COLOR.

⊖ SHEET KEYNOTES

- 1. UNLESS OTHERWISE NOTED, INSTALL ALL CABLE INSIDE RACEWAY SYSTEMS. WHERE RACEWAY SYSTEMS HAVE NOT BEEN PROVIDED OR SPECIFIED, INSTALL CABLE THROUGH THE SPECIFIED "CADDY" CLIPS AT THE MINIMUM INTERVALS IDENTIFIED IN THE SPECIFICATIONS. SUPPORT "CADDY" CLIPS DIRECTLY FROM THE BUILDING STRUCTURE, NOT FROM OTHER BUILDING SYSTEM SUPPORT WIRES OR CABLE.
- 2. PROVIDE PLENUM RATED CABLE IN ALL AIR PLENUMS. IF A PLENUM RATED CABLE IS NOT SPECIFIED, PROVIDE THE PLENUM RATED EQUIVALENT TO THE SPECIFIED CABLE. 3. LABEL ALL CABLE INSTALLED UNDER THIS CONTRACT REGARDLESS OF LENGTH. 4. THE EQUIPMENT LABELING IDENTIFIED ON DETAILS IN THESE DRAWINGS ARE EXAMPLES ONLY OF
- THE ACTUAL LABELING, WHICH IS REQUIRED AS PART OF THIS CONTRACT. PRIOR TO FABRICATION, SUBMIT THE NOMENCLATURE FOR ALL LABELS TO THE OWNER FOR REVIEW. THIS REQUIREMENT INCLUDES, BUT IS NOT LIMITED TO, ALL CABLE LABELING AND ALL EQUIPMENT LABELING. 5. IF OUTLET IS TERMINATED IN CEILING SPACE, LABEL THE T-BAR GRID WITH THE OUTLET NUMBER FOR EASY LOCATION AND IDENTIFICATION.
- 6. GROUND ALL EQUIPMENT RACKS INSTALLED UNDER THIS CONTRACT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS. 7. FOR EVERY PULL SPECIFIED, COIL 15 FEET OF EXCESS CABLE AT THE STATION END FOR FUTURE USE. NEATLY COIL 15 FEET ABOVE THE CEILING OR BELOW THE FLOOR, WHERE APPLICABLE. 8. PROVIDE THE QUANTITY OF PATCH PANELS REQUIRED +20% FOR THE TOTAL DATA OUTLETS
- SHOWN ON FLOOR PLANS FOR THE PARTICULAR LEVEL. 9. RACK SPACE ALLOCATION SHOULD BE FOLLOWED PER DRAWINGS. IF THERE IS A SYSTEM THAT HAS NO RACK SPACE AVAILABLE, PLEASE CALL BOE SAUSEDO AT 801-707-3805. 10. COORDINATE WITH ALL SUB-CONTRACTORS TO ENSURE THAT ALL CABLES ARE PROTECTED FROM
- ANY DIRECT PAINT OR INCIDENTAL OVERSPRAY. 11. CONTRACTOR TO PROVIDE FIRE-RATED SLEEVES THROUGH 1-HOUR RATED WALLS AND HIGHER. NUMBER OF SLEEVES TO BE DETERMINED AND CALCULATED BY MAXIMUM CABLE TRAY CAPACITY AT WALL PENETRATION. FINAL QUANTITY OF SLEEVES TO BE DETERMINED BY CONTRACTOR. 12. CONTRACTOR TO PROVIDE SMOKE AND ACOUSTICAL-RATED SLEEVES THROUGH SMOKE WALLS AND ALL OTHER NON-RATED PENETRATIONS. (2) 4" SLEEVES PER ROOM FOR CABLE CAPACITY AND SERVICE SEPARATION. FINAL QUANTITY OF SLEEVES TO BE DETERMINED BY CONTRACTOR. 13. CONTRACTOR TO PROVIDE FIRE-RATED SLEEVES THROUGH 1-HOUR RATED WALLS AND HIGHER.
- (1) SLEEVE PER J-HOOK PATHWAY FOR CABLE CAPACITY AND SERVICE SEPARATION. 14. CONTRACTOR TO PROVIDE SMOKE AND ACOUSTICAL-RATED SLEEVES THROUGH SMOKE WALLS AND ALL OTHER NON-RATED PENETRATIONS. (1) SLEEVE PER J-HOOK PATHWAY FOR CABLE CAPACITY AND SERVICE SEPARATION. 15. THE USE OF ZIP-TIES IS NOT ALLOWED TO BUNDLE CABLES (LACE OR TRAIN) IN LADDER RACK, CABLE TRAY, OR TO FINAL TERMINATION POINT. CONTRACTOR SHOULD UTILIZE "HOOK AND LOOP"
- FOR BUNDLING OF ALL CABLES. 16. THE USE OF ZIP-TIES IS NOT ALLOWED FOR THE SUPPORT OF CABLE, OR THE ATTACHMENT OF CABLES IN ANY CEILING SPACE. THE USE OF J-HOOKS IS REQUIRED FOR NON-CONTINUOUS PATHWAYS IN CEILINGS. CONTRACTORS SHOULD UTILIZE "HOOK AND LOOP" FOR BUNDLING OF ALL CABLES.



ARCHITECT HKS ARCHITECTS, INC. 222, MAIN ST, ST #230 SALT LAKE CITY, UTAH 84101

CON1-DISCIPLINE CON1-COMPANY CON1-ADDRESS1 CON1-ADDRESS2

CON2-DISCIPLINE CON2-COMPANY CON2-ADDRESS1

CON2-ADDRESS2 CON3-DISCIPLINE CON3-COMPANY CON3-ADDRESS1 CON3-ADDRESS2

CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



SEAL & SIGNATURE

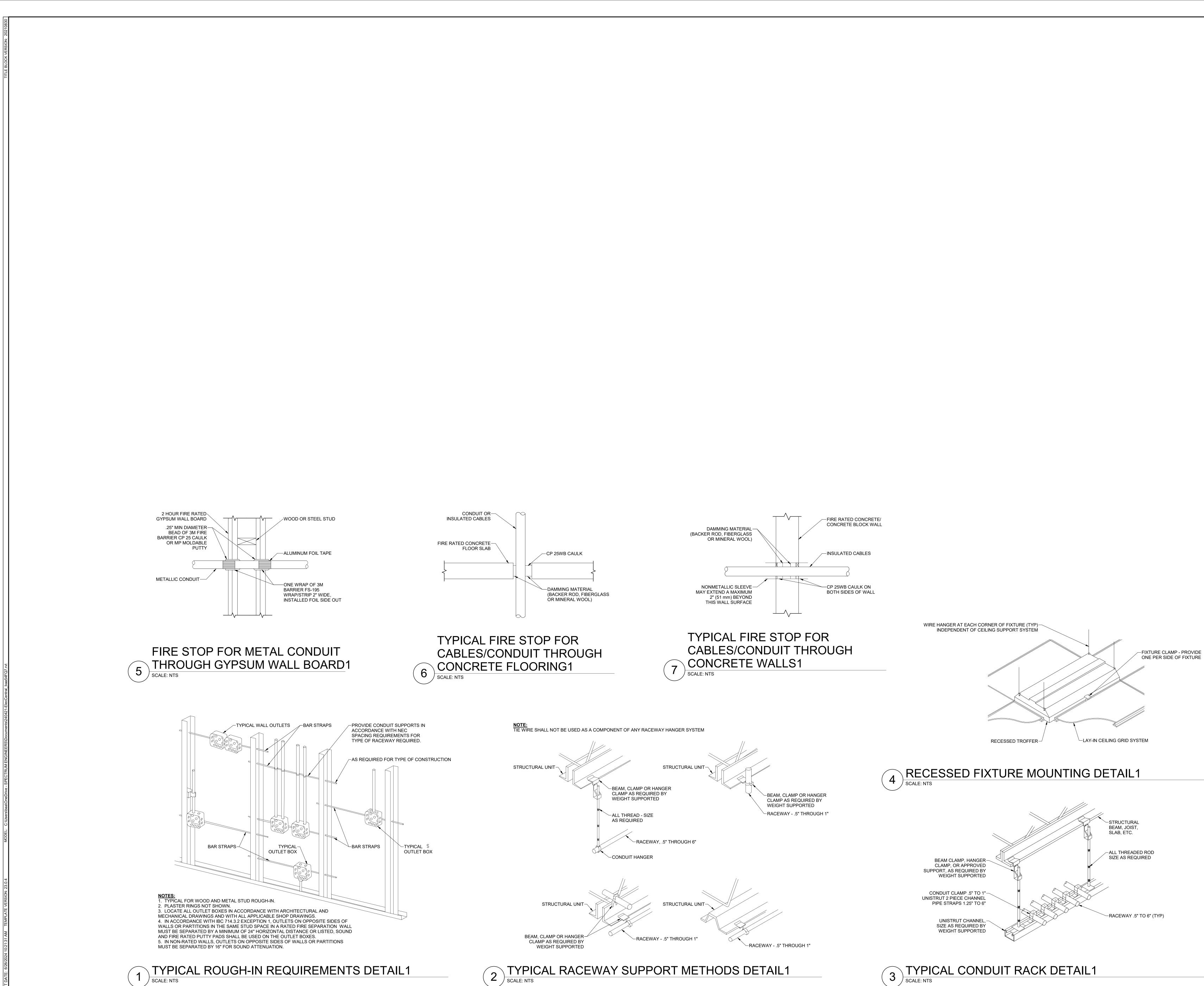
06/26/24 SPECTRUM ENGINEERS 324 S. State St., Suite 400 Salt Lake City, UT 84111 800-678-7077 801-328-5151 fax: 801-328-5155 www.spectrum-engineers.com KEY PLAN

REVISION DESCRIPTION DATE NO.

HKS PROJECT NUMBER 26651**.000** DATE 06/26/24 ISSUE

SHEET TITLE **TELECOM SCHEDULES AND NOTES**









CON1-DISCIPLINE CON1-COMPANY CON1-ADDRESS1 CON1-ADDRESS2

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CON2-ADDRESS2 CON3-DISCIPLINE CON3-COMPANY CON3-ADDRESS1 CON3-ADDRESS2

CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



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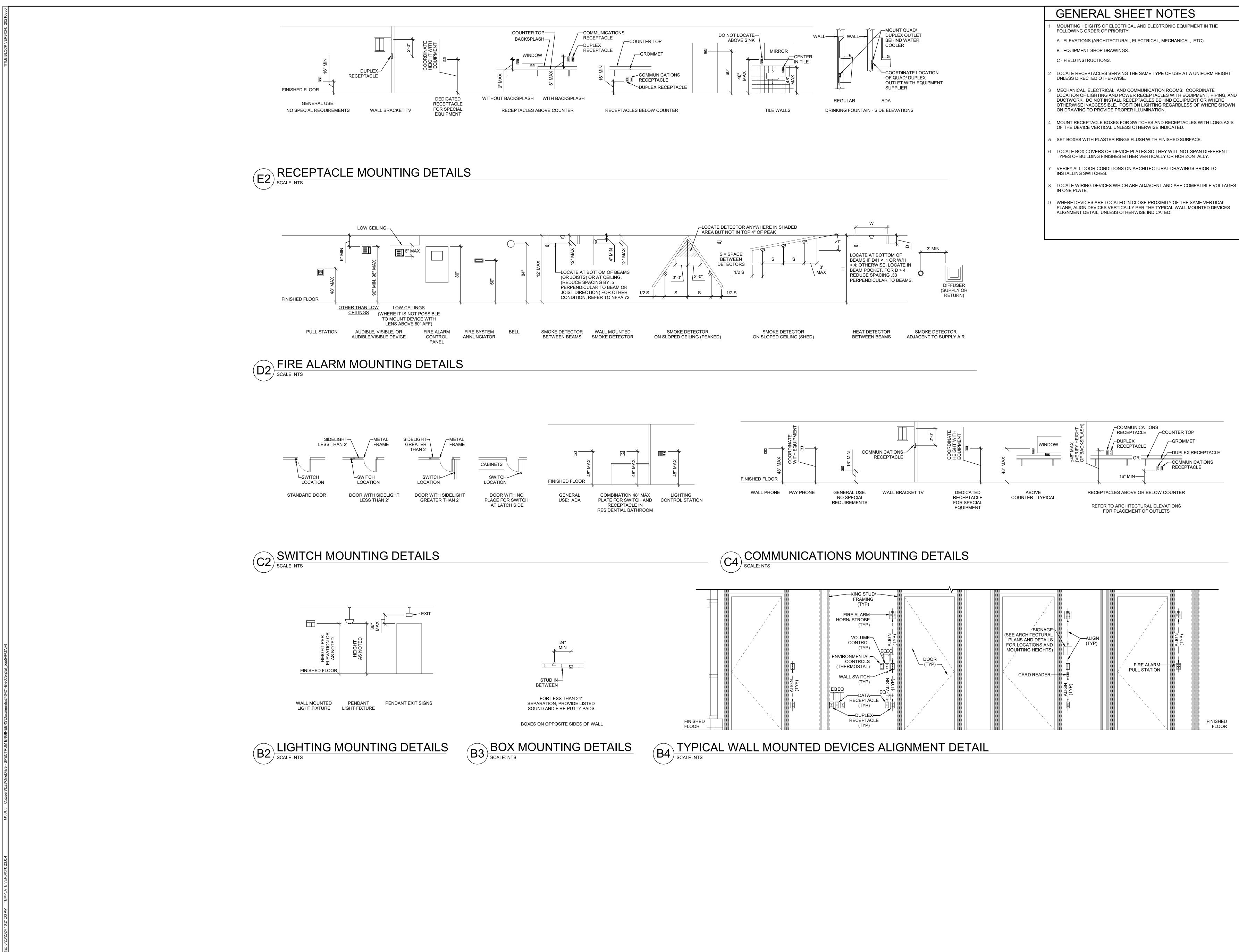
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HKS PROJECT NUMBER 26651**.000** DATE 06/26/24 ISSUE

SHEET TITLE **ELECTRICAL DETAILS**

EE501





CON1-DISCIPLINE CON1-COMPANY CON1-ADDRESS1 CON1-ADDRESS2

CON2-DISCIPLINE CON2-COMPANY CON2-ADDRESS1

CON2-ADDRESS2 **CON3-DISCIPLINE** CON3-COMPANY CON3-ADDRESS1 CON3-ADDRESS2

CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



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HKS PROJECT NUMBER 26651**.000** DATE 06/26/24 ISSUE

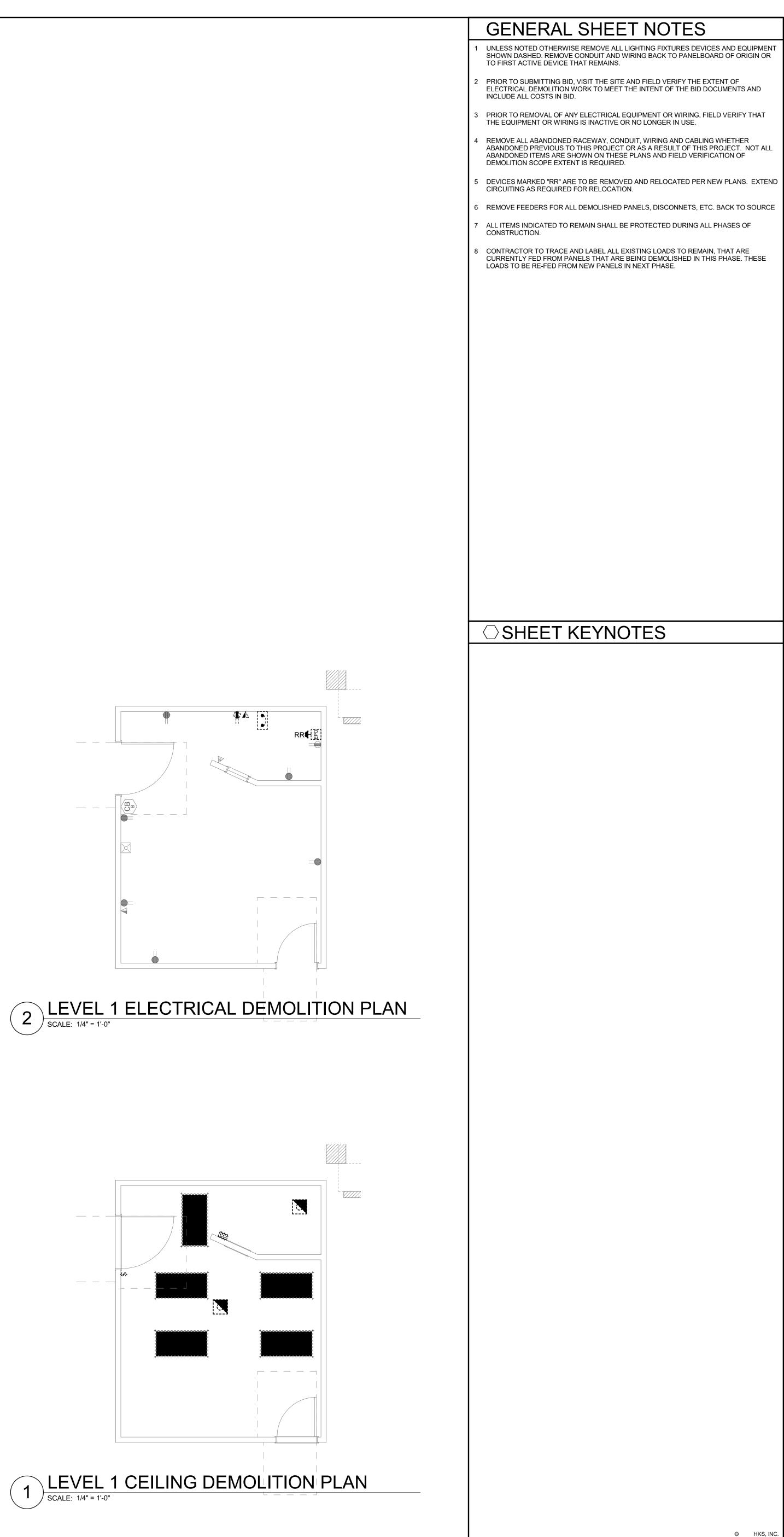
SHEET TITLE **TYPICAL MOUNTING** DETAILS



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CON2-ADDRESS2 **CON3-DISCIPLINE** CON3-COMPANY CON3-ADDRESS1 CON3-ADDRESS2

CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



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SHEET TITLE LEVEL 1 ELECTRICAL DEMOLITION PLAN

ED101

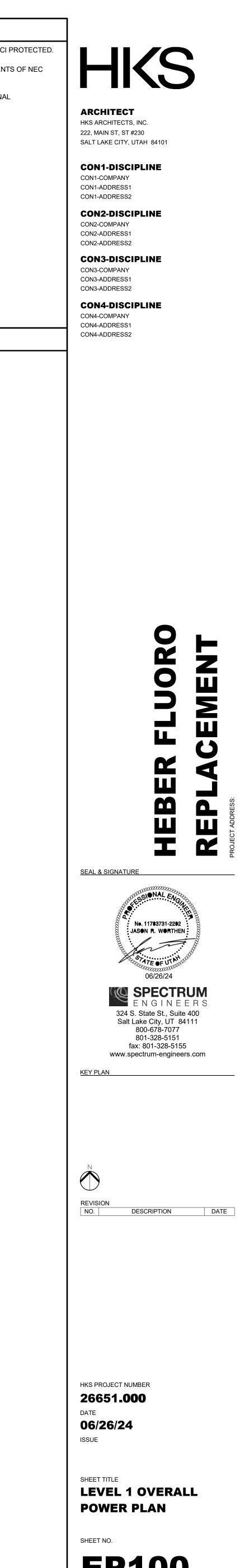


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	GENERAL SHEET NOTES
1	ALL RECEPTACLES WITHIN 6' OF THE EDGE OF A SINK SHALL BE GFCI
2	ALL WIRING IN PATIENT CARE AREAS SHALL MEET THE REQUIREMENT 517.13.
3	CONTRACTOR TO REFER TO GE IMAGING DRAWINGS FOR ADDITIONAL

RESPONSIBILITIES. PROVIDE DEDICATED NEUTRALS FOR ALL BRANCH CIRCUITS.

⊖SHEET KEYNOTES

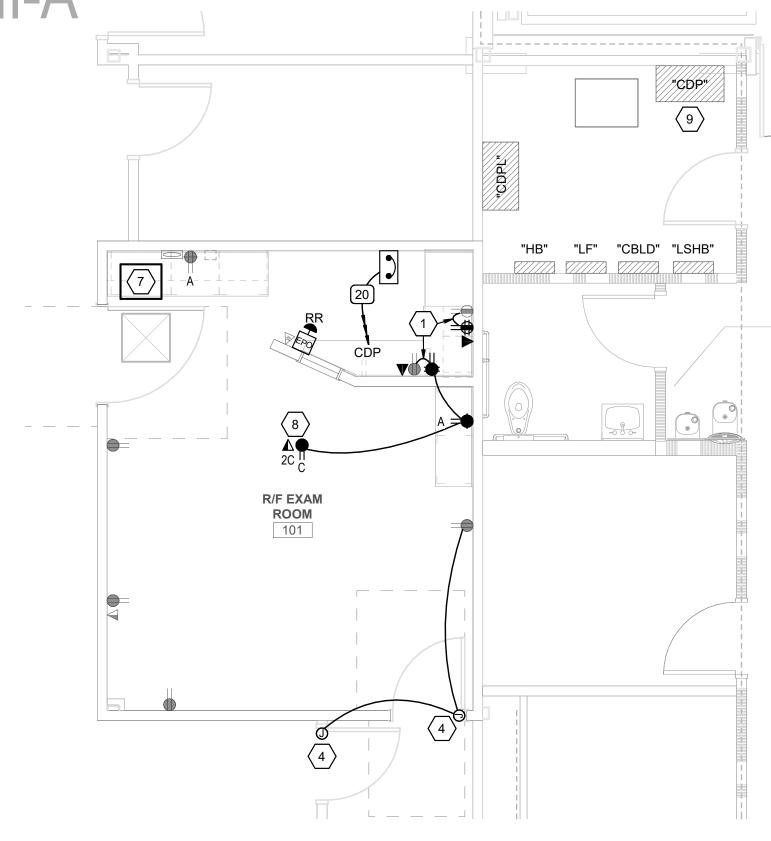


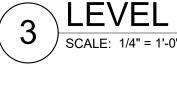
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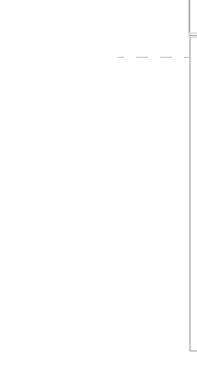
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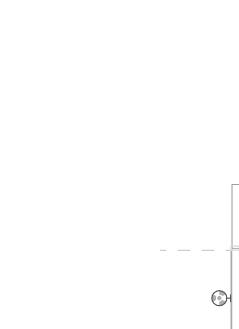


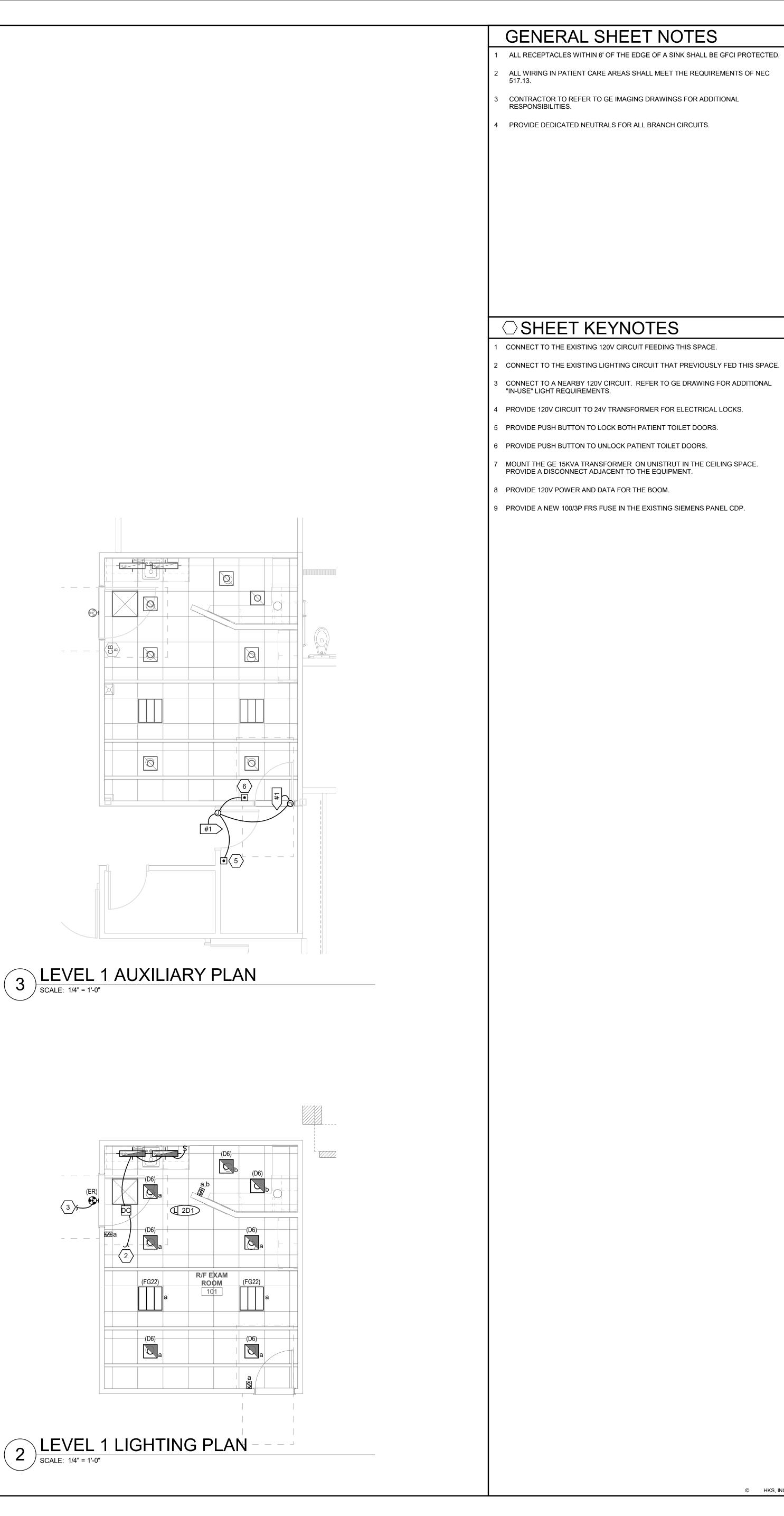
1 LEVEL 1 POWER PLAN SCALE: 1/4" = 1'-0"

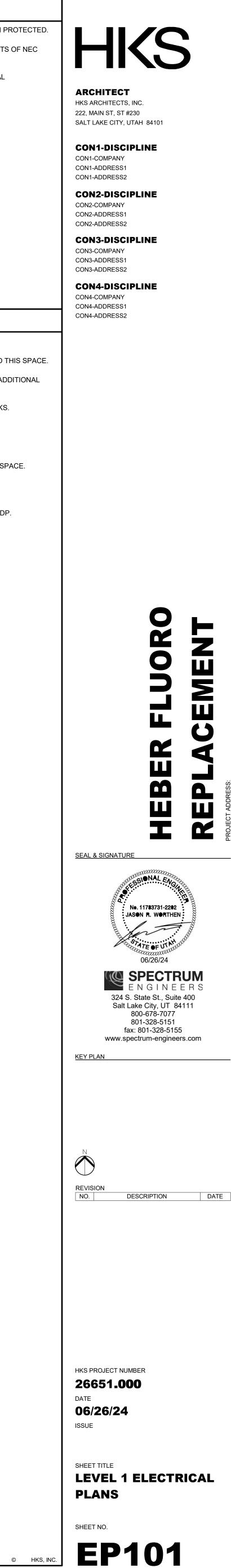






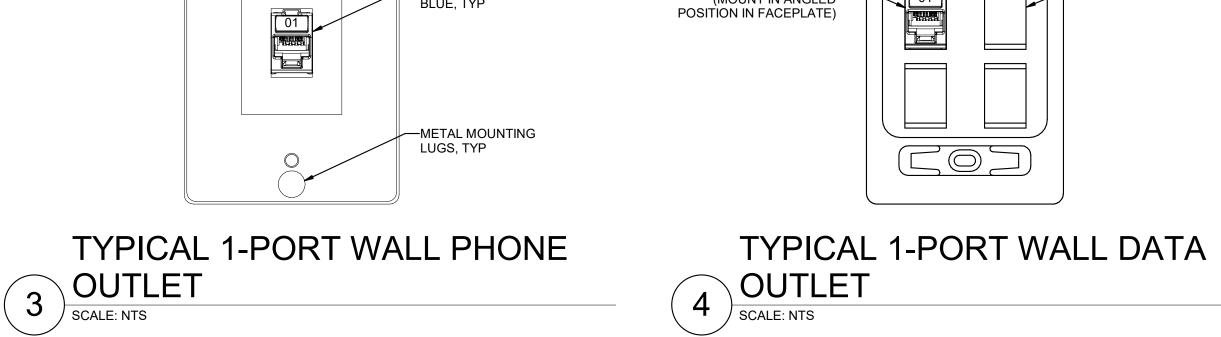






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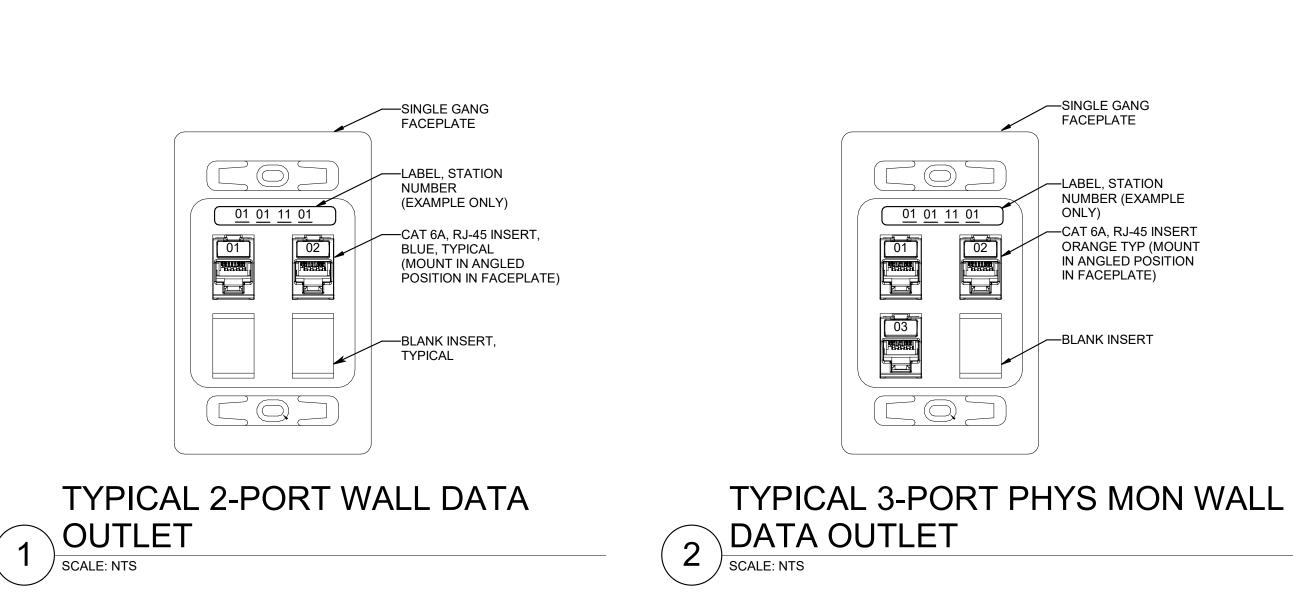


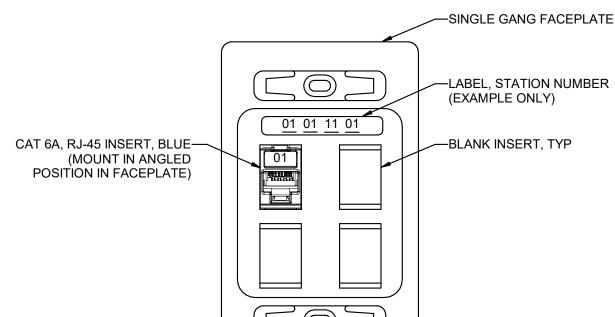
-LABEL, STATION NUMBER (EXAMPLE ONLY)

—CAT 6A, RJ-45 INSERT,

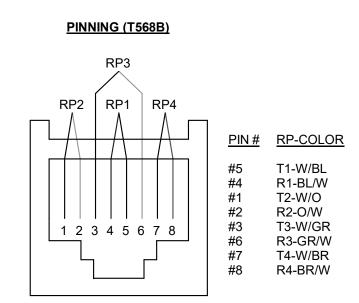
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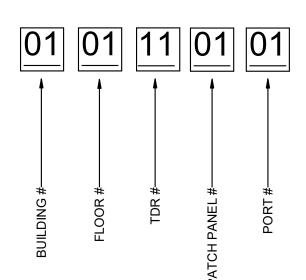




TYPICAL CABLE ID EXAMPLE DETAIL 6) SCALE: NTS



0





ARCHITECT HKS ARCHITECTS, INC. 222, MAIN ST, ST #230 SALT LAKE CITY, UTAH 84101

CON1-DISCIPLINE CON1-COMPANY CON1-ADDRESS1 CON1-ADDRESS2

CON2-DISCIPLINE CON2-COMPANY CON2-ADDRESS1

CON2-ADDRESS2 **CON3-DISCIPLINE** CON3-COMPANY CON3-ADDRESS1 CON3-ADDRESS2

CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



SEAL & SIGNATURE

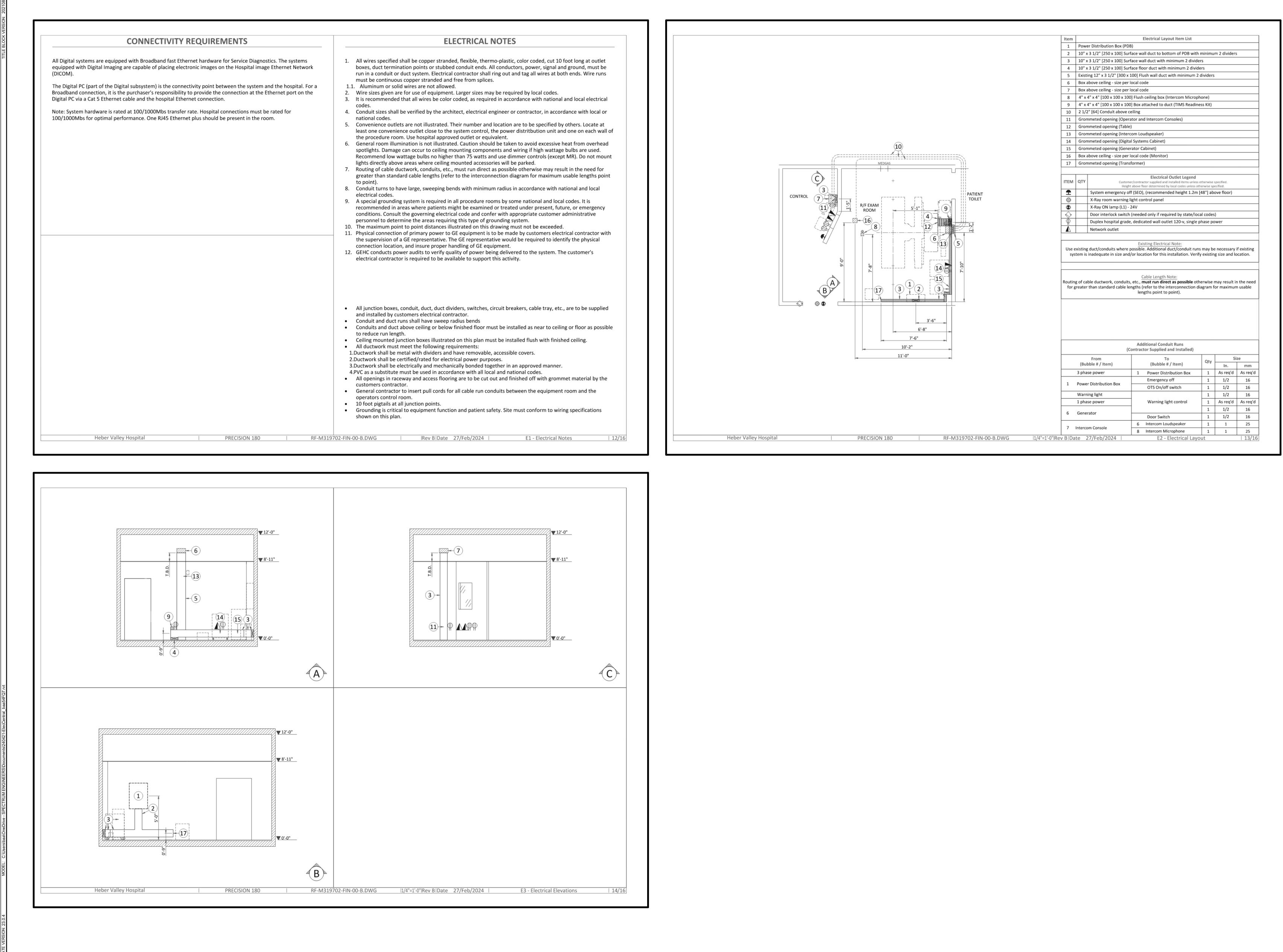


 \bigcirc REVISION NO. DESCRIPTION DATE

HKS PROJECT NUMBER 26651**.000** DATE 06/26/24 ISSUE

SHEET TITLE TELECOM DETAILS

EP501



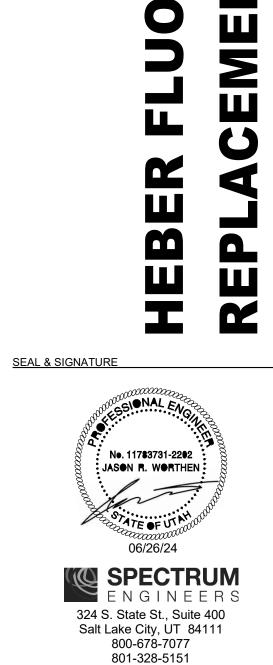


CON1-DISCIPLINE CON1-COMPANY CON1-ADDRESS1 CON1-ADDRESS2

CON2-DISCIPLINE CON2-COMPANY CON2-ADDRESS1

CON2-ADDRESS2 **CON3-DISCIPLINE** CON3-COMPANY CON3-ADDRESS1 CON3-ADDRESS2

CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



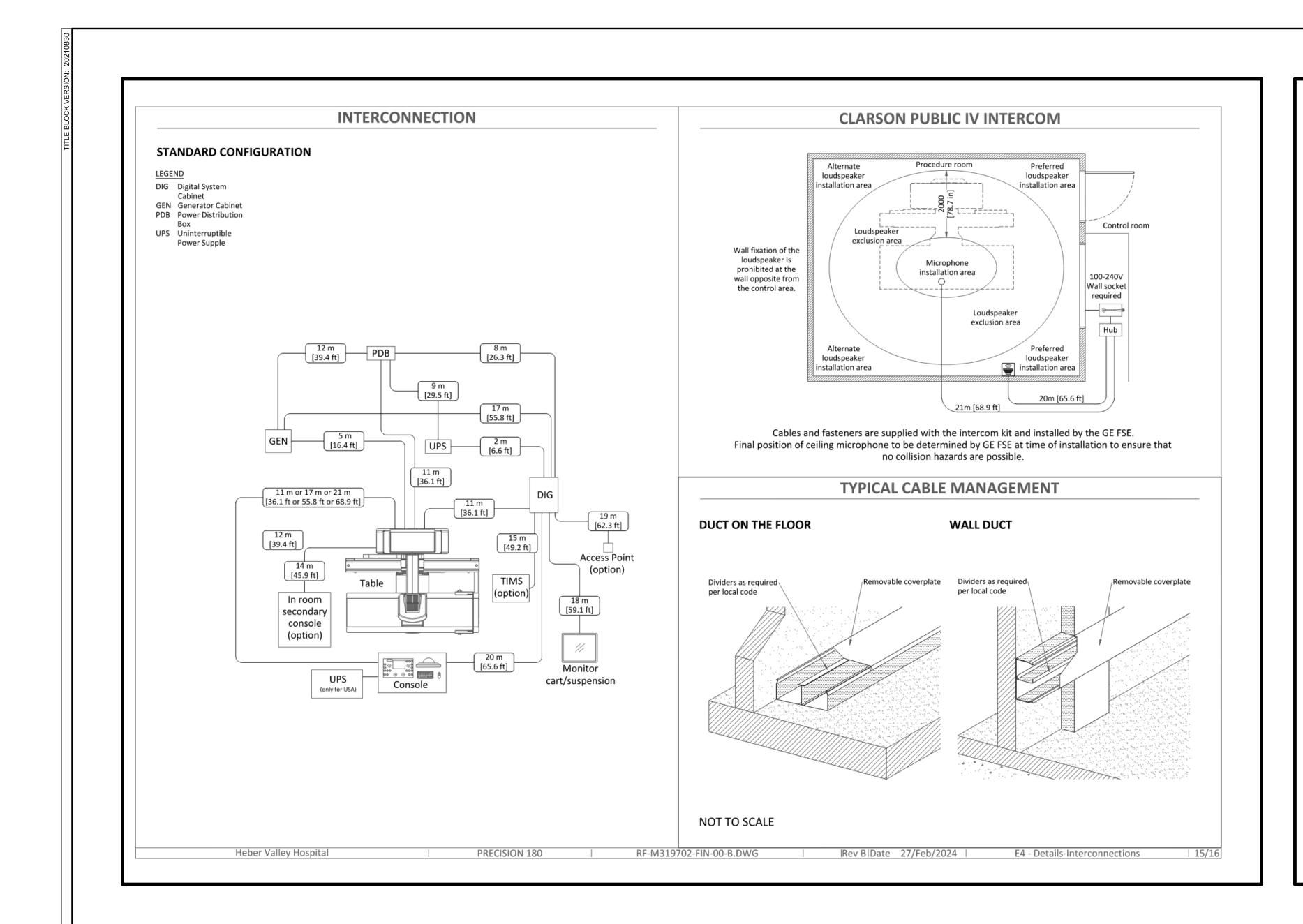
REVISION DATE DESCRIPTION NO.

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HKS PROJECT NUMBER 26651**.000** DATE 06/26/24 ISSUE

SHEET TITLE **GE DRAWINGS**







POWER	REQUI	REMEN	ſ

	GENERATOR TYPE	65 kW
[POWER SUPPLY	Wye 3 PH
[MAINS FREQUENCY	50
[LINE INPUT REACTIVE POWER (PEAK)	95 kVA
[LINE INPUT ACTIVE POWER	65 kW

- Line supply should come into a power distribution box (PDB) containing
- PDB does not require a neutral line.
 The section of the supply cable should be calculated in accordance w
- permissible voltage drops.
 There must be discrimination between supply cable protective device (main low-voltage transformer side) and the protective devices in the
- SUPPLY CHARACTERISTICS
- SUPPER CHARACTERISTICS
- Power input must be separated from any others which may generate radiology rooms equipped with high speed film changers...)
 All equipment (lighting, power outlets, etc...) installed with GE s separately.
- GROUND SYSTEM
- Ground resistance lower than 2 Ohms is suggested.
- Equipotential: the equipotential link will be by means of an equipote connected to the protective earth conductors in the ducts of the equipotential connections linking up all the conducting units in the rest

CABLES

- Power and cable installation must comply with the distribution diagra
 All cables must be isolated and flexible, cable color codes must
- All cables must be isolated and nexible, cable color codes must installation.
 Case PDB furnished by GE: The cables for signals and remote control
- length of 1.5m, and will be connected during installation. Each conduction connector).

CABLEWAYS

The general rules for laying cableways should meet the conditions laid d with regard to:

- Protecting cables against water (cableways should be waterproof)
 Protecting cables against abnormal temperatures (proximity to heating)
- Protecting cables against temperature shocks
 Replacing cables (cableways should be large enough for cables to be replaced on the short of the s
- Metal cableways should be grounded.

Heber Valley Hospital

EMENTS	POWER DISTRIBUTION										
80 kW				480V Main su	nnly						
Wye 3 PHASE + G 480V ±10%		SEO	(4) 3 phase + gro							
50/60 Hz ± 2%		£ ====		0							
119 kVA											
80 kW					i						
00 800		SDT	480 V C	UT	100 A						
3) containing the protective units and controls. The	WL 14 Black				er dist		n				
	14 Ulaci	te			box (P	DB)					
ordance with its length and the maximum	14 Gree		480 V	24 V 230 V	400 V	230 V					
ve device at the beginning of the installation ces in the PDB.	RML1 14 Blac 14 Whit 14 Gree	te		(2)							
ay generate transients (elevators, air conditioning,	14 Blac 1 phase 14 Whit power 14 Gree	te 14 White		11 1	тав	: OTS (option)]				
with GE system components must be powered	DIG Digital sys	stem cabinet	L								
equipotential bar. This equipotential bar should be ucts of the non GE cableways and to additional is in the rooms where GE units are located.	GEN Generato OTS Overhead PDB Power Di RML1 Room ligh SEO Emergend	erlock Switch or cabinet d Tube Suspension (Opti stribution Box ht dimmer switch cy OFF button, located above floor able	14	Black DLK1 White Sireen	WS (option)	OTS On/Off (Option)	12 Black 12 Whit				
ion diagram below. odes must comply with standards for electrical	SDT Step-dow UPS Uninterru WLC Warning WL Warning	vn Transformer, 15kVA uptible Power Supply Light Controller			Cable so Cable so	upplied by cu upplied by Gl upplied by Gl d by custome	EHC EHC,				
ote control (Y, SEO, L) will go to PDB with a pigtail ach conductor will be identified and isolated (screw	Notes : (1) Dry conta Max. volt (2) H07RN-F	act: "X-Ray ON", release age = 30 V cable with 6.56 ft (2m) enerator cabinet (only it	extra length or	n. I the floor behind th	Equipm custom Equipm	ent supplied	by				
ons laid down in current standards and regulations,	(3) Max lug s	size 8 AWG ire only needed with UP									
proof)			•	R TABLE							
o heating pipes or ducts)		MINI		SIZE IN mm ² AND (AWG	i)						
				MUM FEEDER WIRE LENG							
es to be replaced)	INPUT VOLTAGE	15m (50') 30m (100')		1m (200') 77m (250')	92m (300')	107m (350')	122m (400				
	480 VAC	*35 (3) *35 (3)	*35 (3)	*35 (3) 35 (2)	50 (1)	70 (1/0)	70 (1/0)				
	* N	VINIMUM WIRE SIZE FOR CIRC	UIT BREAKER, BAS	ED ON RECOMMENDED	OVERCURRENT P	ROTECTION					
			GENER	AL NOTES							
	In all cases qualifi	ied personnel must verify that		point of take-off) and the tated in the PIM.	e run to the Rad	iology system m	eet all the				
		stallation, the minimum trans a excursions are 2.5% of rated									
	Ground wire will be	e same size as power cable. G ame conduit with the feeders	round will run from and neutral. Neut	the equipment back to	the power sourc	e/main groundi	ng point and				



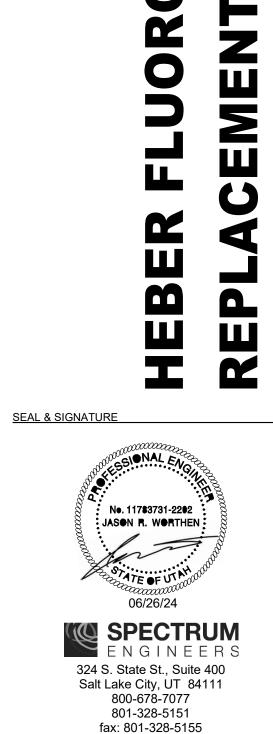
ARCHITECT HKS ARCHITECTS, INC. 222, MAIN ST, ST #230 SALT LAKE CITY, UTAH 84101

CON1-DISCIPLINE CON1-COMPANY CON1-ADDRESS1 CON1-ADDRESS2

CON2-DISCIPLINE CON2-COMPANY CON2-ADDRESS1

CON2-ADDRESS2 CON3-DISCIPLINE CON3-COMPANY CON3-ADDRESS1 CON3-ADDRESS2

CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



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KEY PLAN

HKS PROJECT NUMBER 26651.000 DATE 06/26/24 ISSUE

SHEET TITLE GE DRAWINGS

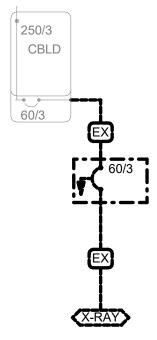


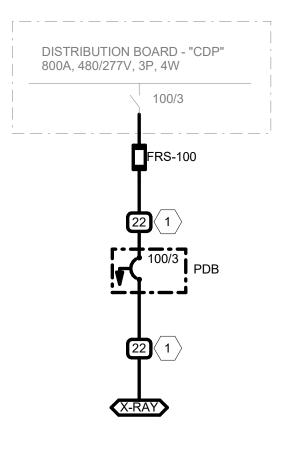
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DEMOLITION ONE-LINE DIAGRAM







SHEET KEYNOTES

1. GROUNDING CONDUCTOR IS THE SAME SIZE AS CURRENT CARRYING CONDUCTOR.

ALUMINUM CONDUCTOR AND CONDUIT SCHEDULE

SCHEDULE NUMBER (E.G.) 5 IG											
*	su	IBSCRIPT (NOTE	5)		(2.0.	/ <u> </u>	3				
SYM	AMP	CONDUIT SIZE	CONDL QTY	JCTOR(N SIZE	OTE 1) G	IG	SE	NOTES			
21 A	135	2	3	2/0	4	1/0	4	2,7			
22 A	135	2	4	2/0	4	1/0	4	2,7			
23 A	155	2	3	3/0	4	1/0	4	2,7			
24 A	155	2	4	3/0	4	1/0	4	2,7			
25 A	180	2	3	4/0	4	1/0	2	2,7			
26 A	180	2.50	4	4/0	4	1/0	2	2,7			
27 A	205	2.50	3	250	4	1/0	2	2,7			
28 A	205	3	4	250	4	1/0	2	2,7			
29 A	230	2.50	3	300	2	1/0	1/0	2,7			
(30)A	230	3	4	300	2	1/0	1/0	2,7			
(31)A	250	3	3	350	2	2/0	1/0	2,7			
32)A	250	3	4	350	2	2/0	1/0	2,7			
33)A	310	3	3	500	1	3/0	1/0	2,7			
34)A	310	4	4	500	1	3/0	1/0	2,7			
35)A	360	2 EA 2.50	3	4/0	1	4/0	3/0	2,7			
(36)A	360	2 EA 3	4	4/0	1	4/0	3/0	2,7			
(37)A	410	2 EA 2.50	3	250	1/0	4/0	3/0	2,7			
(38)A	410	2 EA 2.50	4	250	1/0	4/0	3/0	2,7			
(39)A	500	2 EA 3	3	350	1/0	300	3/0	2,4,7			
40 A	500	2 EA 3	4	350	1/0	300	3/0	2,4,7			
(41)A	620	2 EA 3	3	500	3/0	300	3/0	2,4,7			
(42)A	620	2 EA 4	4	500	3/0	300	3/0	2,4,7			
(43)A	770	2 EA 4	3	750	3/0	300	4/0	2,4,7			
(44)A	770	2 EA 4	4	750	3/0	300	4/0	2,4,7			
(45)A	810	3 EA 4	3	400	4/0	300	250	2,4,7			
(46)A	810	3 EA 4	4	400	4/0	300	250	2,4,7			
(47)A	1000	4 EA 3	3	350	4/0	300	250	4,7			
(48)A	1000	4 EA 3	4	350	4/0	300	250	4,7			
(49)A	1080	4 EA 4	3	400	250	300	250	4,7			
50)A	1080	4 EA 4	4	400	250	300	250	4,7			
51)A	1240	4 EA 4	3	500	350	300	250	4,7			
52)A	1240	4 EA 4	4	500	350	200	250	4,7			
53)A	1700	5 EA 4	4	600	400	350	250	4,7			
54)A	2040	6 EA 4	4	600	400	500	250	4,7			
55)A	2695	7 EA 4	4	750	600	770	750	4,7			
56)A	3080	8 EA 4	4	750	600	750	750	4,7			
57)A	4235	11 EA 4	4	750	800	750	750	4,7			
58 A								6			
59)A								6			

CONDUCTOR AND CONDUIT SCHEDULE NOTES

1. CONDUCTORS SHOWN ARE SHOWN FOR EACH CONDUIT WITH MODIFICATIONS AS NOTED IN NOTE 5. ALL CONDUCTORS SHOWN ARE THWN UNLESS OTHERWISE NOTED.

 PROVIDE EQUIPMENT GROUND CONDUCTORS PER TABLE 250-122 WHEN CIRCUIT BREAKERS ARE SIZED GREATER THAN AMPERE RATING SHOWN IN TABLE.

3. PROVIDE #10 NEUTRALS FOR MULTIWIRE BRANCH CIRCUITS SERVING COMPUTERS.

 GROUND CONDUCTOR SHALL BE OMITTED BETWEEN THE UTILITY TRANSFORMER AND THE FIRST OVERCURRENT PROTECTIVE DEVICE.
 SYMBOL SUBSCRIPTS:

"2N": INCLUDE TWO NEUTRAL CONDUCTORS, SIZED AS SCHEDULED FOR PHASED AND NEUTRAL CONDUCTORS.

"FG": FULL SIZE GROUND, SIZE EQUIPMENT GROUNDING CONDUCTOR TO BE THE SAME SIZE AS THE PHASE CONDUCTORS. "HH": NEUTRAL CURRENTS EXIST DUE TO HIGH HARMONIC "NONLINEAR" LOADS. CURRENT CARRYING CONDUCTORS DERATED ACCORDINGLY. PROVIDE THE IG/HH SIZE FOR THE EQUIPMENT GROUNDING CONDUCTOR.

"IG": INCLUDE IG (INSULATED/ISOLATED GROUND CONDUCTOR) SCHEDULED ALONG WITH GROUND OF EQUIPMENT GROUND CONDUCTOR.

"SBJ": SUBSTITUTE "SBJ" CONDUCTOR FOR "G" CONDUCTOR SHOWN, WHICH IS SIZED FOR THE SYSTEM BONDING JUMPER OF THE SEPARATELY DERIVED SYSTEM.

 ALUMINUM CONDUCTORS NOT TO BE USED FOR CONNECTION TO MOTORS OR MOTOR DRIVEN EQUIPMENT.

		COND	UIT	S	CHE	EDL	JL
****	SC	HEDULE NUMBE	R		(E.G	.) 5	6
	▼SU	BSCRIPT (NOTE		1070D/A			, ,
SYM	AMP	CONDUIT SIZE	QTY	JCTOR(N SIZE	G	IG	SE
1	20	.75	2	12	12	12	8
2	20	.75	3	12	12	12	8
3	20	.75	4	12	12	12	8
(4)	30	.75	2	10	10	10	8
5	30	.75	3	10	10	10	8
6	30	.75	4	10	10	10	8
7	40	1	2	8	10	8	6
8	40	1	3	8	10	8	6
9	40	1	4	8	10	8	6
	55	1	2	6	10	8	4
(11) (12)	55	1	3	6	10	8	4
(12) (13)	55 70	1.25 1	4	6 4	10 8	8	4
13	70	1.25	2	4	8	4	2
14	70	1.25	4	4	0 8	4	2
16	85	1.25	2	3	8	3	2
17	85	1.25	3	3	8	3	2
18	85	1.25	4	3	8	3	2
19	95	1.25	3	2	8	2	2
20	95	1.50	4	2	8	2	2
21	130	1.50	3	1	6	2	2
(22)	130	1.50	4	1	6	2	2
23	150	2	3	1/0	6	2	1/0
24	150	2	4	1/0	6	2	1/0
25	175	2	3	2/0	6	2	2/0
26	175	2	4	2/0	6	2	2/0
27	200	2	3	3/0	6	2	2/0
28	200	2.50	4	3/0	6	2	2/0
29	230	2.50	3	4/0	4	2	2/0
(30)	230	2.50	4	4/0	4	2	2/0
(31)	255	2.50	3	250	4	1	2/0
(32)	255	2.50	4	250	4	1	2/0
	310	3	3	350	3	1/0	3/0
(34)	310	3	4	350	3	1/0	3/0
(35)	380	3.50	3	500	3	3/0	3/0
(36)	380	4	4	500	3	3/0	3/0
<u>37</u>	400	2 EA 2	3	3/0	3	3/0	3/0
<u>38</u>	400	2 EA 2.50	4	3/0	3	3/0	3/0
(39) (40)	510 510	2 EA 2.50 2 EA 3	3	250 250	1	4/0 4/0	3/0
40	620	2 EA 3 2 EA 3	4	350	1/0	4/0	3/0
41	620	2 EA 3	4	350	1/0	4/0	3/0
43	760	2 EA 3.50	3	500	1/0	4/0	3/0
44	760	2 EA 4	4	500	1/0	4/0	3/0
45	855	3 EA 3	3	300	2/0	4/0	3/0
(46)	855	3 EA 3	4	300	2/0	4/0	3/0
47	1000	3 EA 3.50	3	400	2/0	4/0	3/0
48	1000	3 EA 3.50	4	400	2/0	4/0	3/0
(49)	1140	3 EA 4	3	500	3/0	4/0	3/0
50	1140	3 EA 4	4	500	3/0	4/0	3/0
51	1240	4 EA 3	3	350	3/0	4/0	3/0
52	1240	4 EA 3	4	350	3/0	4/0	3/0
53	1675	5 EA 3.50	4	400	4/0	4/0	4/0
54	2010	6 EA 3.50	4	400	250	250	250
55	2660	7 EA 4	4	500	350	350	350
(56)	3040	8 EA 4	4	500	500	500	500
<u>(57)</u>	4180	11 EA 4	4	500	500	500	500
58		3 EA 4					<u> </u>
59	1						

CONDUCTOR AND CONDUIT SCHEDULE NOTES

CONDUCTORS SHOWN ARE SHOWN FOR EACH CONDUIT WITH MODIFICATIONS AS NOTED IN NOTE 5. ALL CONDUCTORS SHOWN ARE THWN UNLESS OTHERWISE NOTED.

PROVIDE EQUIPMENT GROUND CONDUCTORS PER TABLE 250-122 WHEN CIRCUIT BREAKERS ARE SIZED GREATER THAN AMPERE RATING SHOWN IN TABLE.

 PROVIDE #10 NEUTRALS FOR MULTIWIRE BRANCH CIRCUITS SERVING COMPUTERS.

4. GROUND (G) CONDUCTOR MAY BE DELETED ON SERVICE ENTRANCE CONDUCTORS.

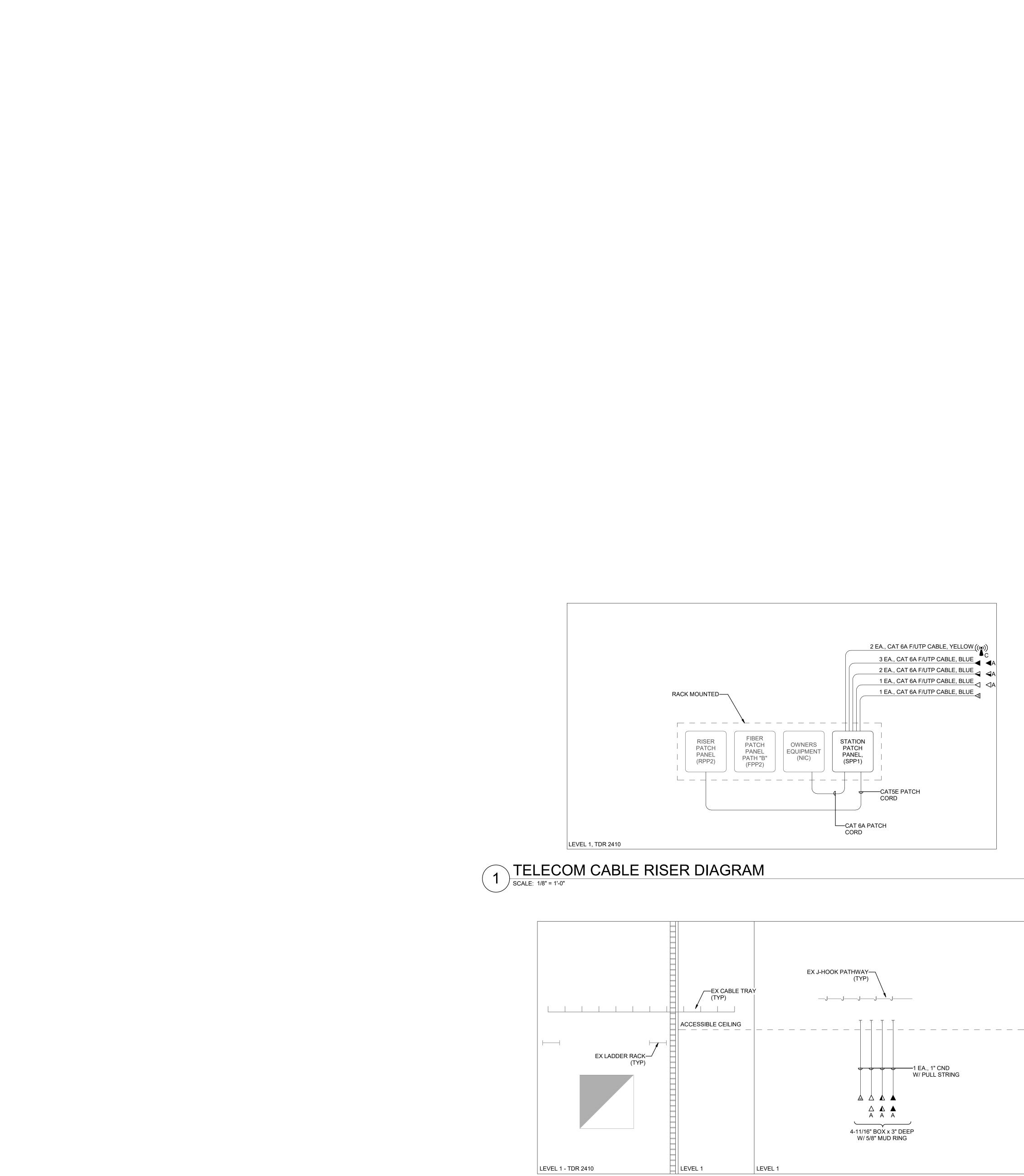
5. WHEN SYMBOL SUBSCRIPT INDICATES "IG", INCLUDE "IG" OR INSULATED GROUND CONDUCTOR SCHEDULED ALONG WITH GROUND OR EQUIPMENT GROUND CONDUCTOR. WHEN SYMBOL SUBSCRIPT INDICATES "SE", SUBSTITUTE "SE" CONDUCTOR FOR "G" CONDUCTOR SHOWN WHICH IS SIZED FOR THE GROUNDING OF THE SECONDARY OF THE SEPARATELY DERIVED SYSTEMS.

RACEWAY ONLY. CONDUCTORS PROVIDED BY UTILITY.





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2 TELECOM CONDUIT RISER DIAGRAM



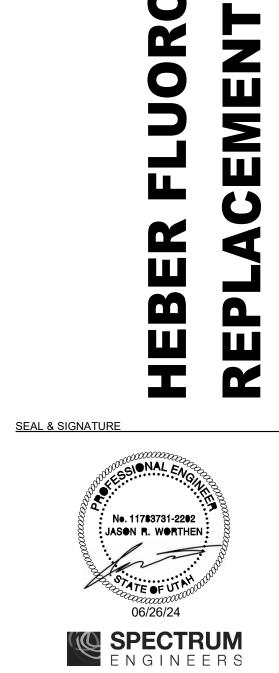
ARCHITECT HKS ARCHITECTS, INC. 222, MAIN ST, ST #230 SALT LAKE CITY, UTAH 84101

CON1-DISCIPLINE CON1-COMPANY CON1-ADDRESS1 CON1-ADDRESS2

CON2-DISCIPLINE CON2-COMPANY CON2-ADDRESS1

CON2-ADDRESS2 CON3-DISCIPLINE CON3-COMPANY CON3-ADDRESS1 CON3-ADDRESS2

CON4-DISCIPLINE CON4-COMPANY CON4-ADDRESS1 CON4-ADDRESS2



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324 S. State St., Suite 400 Salt Lake City, UT 84111 800-678-7077 801-328-5151 fax: 801-328-5155 www.spectrum-engineers.com

KEY PLAN

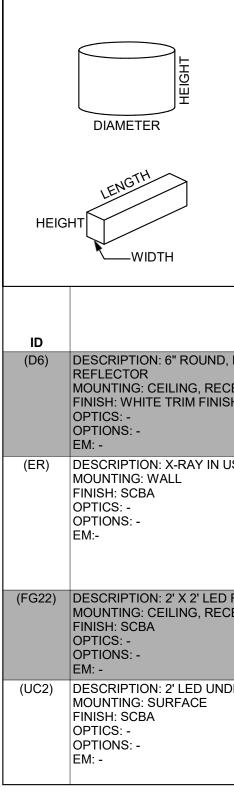
HKS PROJECT NUMBER 26651**.000** DATE 06/26/24 ISSUE

SHEET TITLE **TELECOM RISER** DIAGRAMS



WIRING LEGEN ----- LINE VO - – – – - 0-10V N ----- CAT5E - WIRING -O---O- TMP SE NETWO ID TO BUILDII AUTOMATIO SYSTEM (BA

				l	LIGH ⁻	TING/S	SPAC	E CON	ITROL T	YPE S	CHED	JLE								
GEND	APPROVED MANUFACTURERS	LIGHTING CONTROL ID	GENER	AL NOTES										GENERAL NOTES	6					
E VOLTAGE WIRING	1. WATTSTOPPER (BASIS OF DESIGN)) 1. # = NUMBER OF ZONES	1. COOR	RDINATE INITIAL	PROGRAMM	ING WITH OWN	IER AND MOD	IFY CONTROL T	IMES AND OPERATION	ON AS REQUEST	ED BY OWNER.			5. REFER TO PL	ANS FOR LOCATI	ONS AND QUAN	NTITIES OF DEVI	CES.		
0V WIRING	2. NLIGHT	2. D = DIMMING, S = SWITCHING	2. PROV	IDE FINE TUNIN	G PROGRAM	MING AND ADJ	USTMENTS U	PON REQUEST	BY OWNER WITHIN I	FIRST 6 MONTHS	AFTER SUBSTA	NTIAL COMPLE			OF EACH CONTR THE REMAINING		PROGRAMMING	, ADJUST, AND	OBTAIN OWNER	S APPROVAL PRIOR
T5E CABLING	3. HUBBELL BUILDING AUTOMATION	3. P = DAYLIGHT PHOTOCELL	3. PROV	IDE CUSTOMIZE	ED ENGRAVEI	D PERMANENT	BUTTON LAE	BELS ON EACH S	WITCH, LABEL TO M	ATCH BUTTON L	ABEL ID OR AS D	IRECTED BY O								
RING BY OTHERS	4. GREENGATE	4. L = PLUG LOAD CONTROLLER	4 PART	NUMBERS SHO	WN ARE BAS	ED ON WATTS	TOPPER AS T	HE BASIS OF D	ESIGN. ALL APPROVI	D MANUFACTU	RERS ARE SUBJE									/IDING THE REQUIRE SHOWN SYSTEM.
			FUNCTIO	NS AND CAPAB	BILITIES OF TH	IE BASIS OF DI	ESIGN SYSTE		TS. FAILURE TO ME				го							
TWORK CABLING		5. # = INSTANCE	PROVIDE	E A SYSTEM THA	AT DOES AT N	IOT ADDITIONA	AL COST.							8. PROVIDE COMPLETE SHOP DRAWING SUBMITTALS INCLUDING OCCUPANCY SENSOR LAYOUT AND COVERAGE PATTERNS. PROVIDE ADDITIONAL SENSORS AS REQUIRED FOR 100% COVERAGE OF SPACES WITH OCCUPANCY CONTROL.						
			LIGHTS ON	LIGHTS OFF	LIGHTING	DAYLIGHT SENSOR	TIME DELA	BAS AUX Y RELAY	PLUG LOAD	NETWORKED										
	DETAIL		CONTROL	CONTROL	TYPE	SENSOR SETTING (FC) TO OFF (MIN	I.) SIGNAL	CONTROLLER	CONTROLS	BUTTON_1	BUTTON_2	BUTTON_	3 BUTTON_4	BUTTON_5	BUTTON_6	BUTTON_7	BUTTON_8	BUTTON_9	NOTES
ILDING 1ATION 1 (BAS)			MANUAL & OCCUPANCY	MANUAL OR OCCUPANCY			15	RELAY CLOSED ON OCCUPANCY			PRESS TOP-ON, PRESS BOTTOM-OFF, HOLD TOP-RAISE,	PRESS- PRESET SCENE #01 ZONE "a" 75% ZONE "b" 75% LABEL ID: "PRE #1"		"a" FOR 6 DIMMING	FUNCTION: PRESS- SELECT ZONE "b" FOR DIMMING LABEL ID: "ZONE b"			-		



INTERIOR LIGHTING FIXTURE SCHEDULE

GENERAL NOTES

. SUBSTITUTIONS AND/OR EQUAL FIXTURES MUST RECEIVE APPROVAL PRIOR TO BIDDING, THEY MUST BE SUBMITTED TO THE ENGINEER NO LESS THAN 2 WEEKS PRIOR TO BID OPENING.

2. SAMPLES MUST BE PROVIDED FOR ANY AND ALL FIXTURES UPON A/E REQUEST PRIOR TO RELEASING FIXTURES.

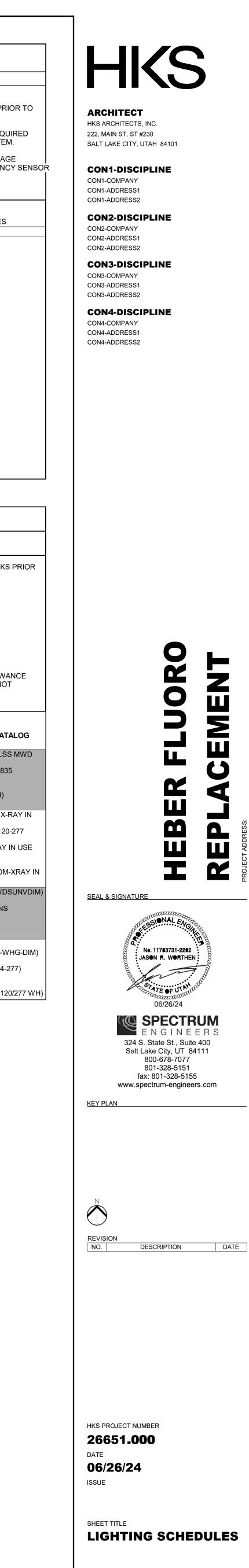
3. ALL FIXTURES SHALL BE LISTED AND APPROVED FOR THEIR INTENDED USE AND LOCATION. 4. VERIFY THE PROPER MOUNTING KITS OR ACCESSORIES TO FACILITATE INSTALLATION AS SHOWN AT EACH LOCATION ON THE DRAWINGS.

5. COMPLY WITH THE "INTERIOR LIGHTING" SECTION OF THE SPECIFICATIONS.

6. ALL LIGHT FIXTURES TO BE EITHER "DLC" OR "LIGHTING FACTS" LISTED OR TO BE APPROVED BY ARCHITECT/ENGINEER AND OWNER.

7. CONTRACTOR ALLOWANCE PRICES ARE ACCURATE WHEN THIS JOB WAS SPECIFIED, CONTRACTOR AND ELECTRICAL DISTRIBUTOR SHALL VERIFY THIS ALLOWANCE AND REPORT ANY PROBLEMS TO THE ENGINEER BEFORE THE BID. ALLOWANCE PRICE MAY OR MAY NOT INCLUDE LAMP(S) OR FREIGHT AS NOTED, AND DO NOT INCLUDE ANY TAXES.

		LUMINAIRE				DRIVER			
DESCRIPTION	SIZE (NOMINAL)	DELIVERED DIRECT LUMENS	DELIVERED INDIRECT LUMENS	COLOR TEMP	CRI	TYPE	VOLTAGE	WATTS	MANUFACTURER (CATALOG SERIES)
RIPTION: 6" ROUND, RECESSED LED DOWNLIGHT, SEMI-SPECULAR ECTOR ITING: CEILING, RECESSED H: WHITE TRIM FINISH CS: - DNS: -	LENGTH: - WIDTH: - DEPTH: - DIAMETER: 0' - 6"	1,500		3500K		0-10V DIMMING (1%)	120/277		GOTHAM (EVO 35/15 AR LSS MWD MVOLT GZ1 TRW) HALO (HC615D010HM612835 61MDHWF) LIGHTOLIER (6RNP6RDL15835CCZ10U)
RIPTION: X-RAY IN USE LIGHT ITING: WALL H: SCBA CS: - DNS: -	LENGTH: - WIDTH: - DEPTH: -			RED		NO DIMMING	120/277		KENALL (METMSU MW R X-RAY IN USE DT) LITHONIA (LQM P W 1 R 120-277 SW16 X-RAY IN USE) CHLORIDE (AMS GW XRAY IN USE RFR) EMERGENSEE (SEEXEL-1-G-C-A-CUST OM-XRAY IN USE)
RIPTION: 2' X 2' LED FLAT PANEL, GRID LAY-IN ITING: CEILING, RECESSED H: SCBA CS: - DNS: -	LENGTH: 2' - 0" WIDTH: 2' - 0" DEPTH: -	3,400		3500K		0-10V DIMMING (1%)	120/277		DAYBRITE (2FPZ38L840WDSUNVDIM) LITHONIA (EPANL) TRULY GREEN SOLUTIONS (882440-35-S-F)
RIPTION: 2' LED UNDERCABINET LIGHT ITING: SURFACE H: SCBA CS: - DNS: -	LENGTH: 2' - 0" WIDTH: - DEPTH: -	600		3500K		ELV DIMMING	120/277	-	DAY-BRITE (LINCS100E-L28-935-UNV-WHG-DIM) KENALL (AUCLED-1-MW-11L35K-24-277) AIREY-THOMPSON (13HC-N-35K-24-2-3-D11) KELVIX (UC22 3040 010V 120/277 WH)



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