	LIGHTING	
SYMBOL	DESCRIPTION	SY
	CEILING MOUNTED LIGHTING FIXTURE AND OUTLET BOX.	
0	-	4x
	- - SHADED AREA FIXTURE ON EMERGENCY CIRCUIT	
	WALL MOUNTED LIGHTING FIXTURE AND OUTLET BOX.	
┝╌┰╌┥	-	4x
	- - SHADED AREA FIXTURE ON EMERGENCY CIRCUIT	
	CEILING/WALL EXIT LIGHT AND OUTLET BOX, LED TYPE, SELF CONTAINED, WITH BATTERY PACK:	
	- SHADED AREA INDICATES ILLUMINATED FACE(S) - ARROW INDICATES DIRECTION	٥
	EMERGENCY UNIT EQUIPMENT, 90 MINUTE	
	BATTERY PACK, CHARGER AND TEST SWITCH.	
	GHT FIXTURE SCHEDULE AND SPECIFICATIONS TE FIXTURE DESCRIPTION.	
V	VIRING DEVICES	
SYMBOL	DESCRIPTION	
	LINE VOLTAGE SWITCH	
I	- LOWER CASE LETTER DENOTES SWITCHING ZONES - 'T' DENOTES SWITCH TYPE:	
T Sa,b	MC - MOMENTARY CONTACT D - DIMMER	
	WP - WEATHER PROOF XP - EXPLOSION PROOF	
\$a,b	LOW VOLTAGE SWITCH	
↓ ¢a,s	OCCUPANCY SENSOR, CEILING MOUNTED	
\$ \$	OCCUPANCY SENSOR, WALL MOUNTED	
	PHOTOCELL CONTROLLER, CEILING MOUNTED	
 ∲	PHOTOCELL CONTROLLER, WALL MOUNTED	т
	LIGHTING CONTACTOR	
ТС	TIME CLOCK	
RC	REMOTE CONTROL SWITCH	
•	PUSH BUTTON	
	LETTER DESIGNATION ON RECEPTACLES: A = ARC FAULT CIRCUIT INTERRUPTER	
	G = GROUND FAULT CIRCUIT INTERRUPTER IG = ISOLATED GROUND	
↓ +X"	WP = WEATHER PROOF WITH 'GFCI' S = SAFETY	
Ψ ⁺ λ ^{**}	CT = ABOVE COUNTER CR = CRITICAL	
	EQ = EQUIPMENT LS = LIFE SAFETY	-
	+X" = INDICATES MOUNTING HEIGHT SHADING = INDICATES RECEPTACLE ON EMERGENCY	
φ	SIMPLEX RECEPTACLE WALL MOUNTED, +18" AFF, UON	
Φ	DUPLEX RECEPTACLE WALL MOUNTED, +18" AFF, UON	
₽	QUAD RECEPTACLE WALL MOUNTED, +18" AFF, UON	
Ŷ	SPECIAL RECEPTACLE WALL MOUNTED, +18" AFF, UON	
Ф	SIMPLEX RECEPTACLE CEILING MOUNTED	
Ф	DUPLEX RECEPTACLE CEILING MOUNTED	
•	QUAD RECEPTACLE CEILING MOUNTED	SY
\otimes	SPECIAL RECEPTACLE CEILING MOUNTED	
	SIMPLEX RECEPTACLE FLUSH FLOOR MOUNTED	
	DUPLEX RECEPTACLE FLUSH FLOOR MOUNTED	
	QUAD RECEPTACLE FLUSH FLOOR MOUNTED	
	SPECIAL RECEPTACLE FLUSH FLOOR MOUNTED	
	POKE THROUGH FLOOR BOX WITH OUTLETS AS SPECIFIED	
	ACCESS FLOOR BOX WITH OUTLETS AS SPECIFIED	
 	JUNCTION BOX RECESSED WALL MOUNTED	
 	JUNCTION BOX RECESSED CEILING MOUNTED	
J	JUNCTION BOX RECESSED FLUSH FLOOR MOUNTED	
	& GROUNDING	
SYMBOL		
L	- 'L' DENOTES LIGHTNING PROTECTION MAIN CONDUCTOR	
	LIGHTING PROTECTION AIR TERMINAL	
	THRU ROOF PENETRATION CABLE IN CONDUIT	SY
	THRU ROOF PENETRATION TO STEEL	
■ —_ lı	FULL DOWNLEAD TO GROUND	
←	STEEL COLUMN BOND TO GROUND	(-
○ —— I	EXPOSED DOWNLEAD TO GROUND	
G	- 'G' DENOTES COUNTERPOISE/GROUND CABLE	Ŕ
	TRIANGULAR GROUND GRID - THREE 3/4" x 10'-0" RODS SPACED 30'-0" MINIMUM APART	
$\vdash \longleftrightarrow$	INTERCONNECTED WITH 4/0 COPPER CONDUCTOR.	
TW	GROUND ELECTRODE 3/4" COPPER ROD, 10'-0"	
<u> </u>		
● [_]		
.	2"x1/4" COPPER GROUND BUS BAR, LENGTH AS INDICATED ON PLANS.	
•	GROUND PLATE CONNECTION SOLID COPPER, 24"x24"x20 GA.	
	24 X24 X2U GA.	
1		
	1	

		ו ר
	POWER	
SYMBOL	DESCRIPTION SAFETY DISCONNECT SWITCH, 3 POLE UON	SYM
	A: 30A UNFUSED AF: 30A FUSED B: 60A UNFUSED BF: 60A FUSED	PAN
4x AF H	C: 100A UNFUSED CF: 100A FUSED D: 200A UNFUSED DF: 200A FUSED E: 400A UNFUSED EF: 400A FUSED	
	- '4x' DENOTES NEMA ENCLOSURE IF INDICATED FUSED DISCONNECT SWITCH	
4x <u>CB</u> 225	- NUMERICAL DENOTES TRIP SIZE - '4x' DENOTES NEMA ENCLOSURE IF INDICATED	BV
	MOTOR CONTROL EQUIPMENT AND CONNECTION TO CONTROLLED MOTOR(S). CONTROLLER IS MOUNTED	
_	AGAINST AN ADJACENT WALL OR OTHERWISE REMOTE FROM THE MOTOR. SEE MOTOR EQUIPMENT	
⊠ Q	SCHEDULE(S) FOR CIRCUITING, TYPE OF CONTROL EQUIPMENT, QUANTITY OF MOTORS CONNECTED TO CONTROLLER, AND OTHER DETAILS. CONDUCTOR SIZE	
	BETWEEN CONTROLLER AND MOTOR SHALL MATCH THE UPSTREAM OF THE CONTROLLER UNLESS NOTED	
	OTHERWISE ON THE SCHEDULE. MOTOR CONTROL EQUIPMENT AND CONNECTION TO CONTROLLED MOTOR(S). CONTROLLER IS EITHER	
	INTEGRAL TO THE EQUIPMENT OR MOUNTED DIRECTLY ONTO THE EQUIPMENT. SEE MOTOR	۲ ۸ ۸
$\boxtimes \bigcirc$	EQUIPMENT SCHEDULE(S) FOR CIRCUITING, TYPE OF CONTROL EQUIPMENT, QUANTITY OF MOTORS CONNECTED TO CONTROLLER, AND OTHER DETAILS.	۳ اے
	CONDUCTOR SIZE BETWEEN CONTROLLER AND MOTOR SHALL MATCH THE UPSTREAM OF THE	
	CONTROLLER UNLESS NOTED OTHERWISE ON THE SCHEDULE.	
PB	PULLBOX	
T4	TRANSFORMER, SEE SCHEDULE FOR RATING	S/ ● →≫ 12ŀ
ATS	AUTOMATIC TRANSFER SWITCH, SEE RISER DIAGRAM FOR RATING	4
R ₆	RELAY - NUMERAL DENOTES NUMBER OF POLES	
	FLUSH MOUNTED PANELBOARD FLOOR MOUNTED DISTRIBUTION/SWITCHBOARD	
	RACEWAYS	
	CONDUIT AND WIRE, HASH MARKS INDICATE NUMBER	
	OF WIRES. # HASH MARKS INDICATES 3#12+1#10N+ 1#12G IN 3/4" CONDUIT UON.	
►	CONDUIT AND WIRE HOMERUN. CONTINUOUS RUN TO MCC, PANELBOARD, SWITCHBOARD OR EQUIPMENT CABINET.	┃
	CONDUIT AND WIRE RUN IN WALL OR CEILING SPACE, OR RUN EXPOSED IN UNFINISHED SPACE.	0,000
	CONDUIT AND WIRE RUN EXPOSED ON WALL OR CEILING IN FINISHED SPACE.	
	CONDUIT AND WIRE RUN CONCEALED IN SLAB, UNDER SLAB OR UNDERGROUND	
~	FLEXIBLE CONNECTION	K K
• <u> </u>	CONDUIT TURNING UP CONDUIT TURNING DOWN	
•	CONDUIT CAPPED	
	HOSPITAL	
SYMBOL	DESCRIPTION	{
PS	NURSE CALL SYSTEM PATIENT STATION WALL MOUNTED OR ON PATIENT HEADWALL UNIT	
ES	NURSE CALL SYSTEM EMERGENCY STATION, WALL MOUNTED AT +48" UON.	
	NURSE CALL SYSTEM TOILET STATION, WALL MOUNTED AT +30" UON. WITH PULL CORD	
(SH)	NURSE CALL SYSTEM SHOWER STATION, WALL	
	MOUNTED AT +60" UON. WITH PULL CORD NURSE CALL SYSTEM DUTY STATION, WALL	
_	MOUNTED AT +48" UON. NURSE CALL SYSTEM STAFF STATION, WALL	
<u>(§§)</u>	MOUNTED AT +48" UON.	
(CB)	NURSE CALL CODE BLUSE STATION, WALL MOUNT AT +48" OR MOUNT ON PATIENT HEADWALL UON.	
MA	NURSE CALL SYSTEM MASTER ANNUCIATOR STAT	
수	NURSE CALL SYSTEM DOME LIGHT, WALL MOUNTED (SEE ARCH. ELEVATORS FOR EXACT LOCATION)	\geq
	NURSE CALL SYSTEM DOME LIGHT, CEILING MOUNT	
NCCP		
N	1ISCELLANEOUS	
(P380D)	DESCRIPTION FEEDER SIZE, SEE FEEDER SCHEDULE	
#	REFERENCE NOTE	
	DETAIL REFERENCE: - DETAIL DESIGNATION	
A	- SHEET NUMBER REFERENCE EQUIPMENT REFERENCE. COORDINATE EQUIPMENT	
EF 1	WITH MECHANICAL/PLUMBING TRADES. SEE MECHANICAL/PLUMBING DRAWINGS FOR LOCATIONS.	
	1	

SINI	GLE LINE DIAGRAM
SYMBOL	DESCRIPTION
	DESCRIPTION
PANEL	PANELBOARD, SEE PANEL SCHEDULE FOR RATING.
	FEEDER
BW	BUSWAY
) ^{LSI} 	MOLDED CASE CIRCUIT BREAKER: - 'TEXT' DENOTES CB ACCESSORIES ST, ET. GFP, EO, LSI TRIP FUNCTIONS - NUMERICAL DENOTES TRIP SIZE
GFP TRIP	LOW VOLTAGE DRAW OUT CIRCUIT BREAKER: - 'TEXT' DENOTES CB ACCESSORIES - NUMERICAL DENOTES TRIP SIZE
GFP GFP FUSE	LOW VOLTAGE FUSE/SWITCH UNIT - 'TEXT' DENOTES FUSE ACCESSORIES ST, GFR, EO, LO, LOCK OUT PROVISIONS - NUMERICAL DENOTES FUSE SIZE
↓ GFP ☐ FUSE ¥	MEDIUM VOLTAGE DRAWOUT FUSE/SWITCH UNIT - 'TEXT' DENOTES FUSE ACCESSORIES - NUMERICAL DENOTES FUSE SIZE
≮ 52 ¥	MEDIUM VOLTAGE DRAW OUT CIRCUIT BREAKER WITH INTEGRAL TRIP UNIT
SA →>>>> 12KV	INTERMEDIATE CLASS MOV SURGE ARRESTER - NUMERICAL DENOTES ARRESTER RATING
	ENCLOSED CIRCUIT BREAKER - 'TEXT' DENOTES CB ACCESSORIES - NUMERICAL DENOTES TRIP SIZE
	ENCLOSED SAFETY DISCONNECT SWITCH - 'TEXT' DENOTES FUSE ACCESSORIES - NUMERICAL DENOTES SWITCH SIZE
	ENCLOSED FUSED DISCONNECT SWITCH - 'TEXT' DENOTES FUSE ACCESSORIES - NUMERICAL DENOTES SWITCH SIZE
N Q OE CONN AMPS	AUTOMATIC TRANSFER SWITCH
ATS-# CONN AMPS	AUTOMATIC TRANSFER SWITCH W/BYPASS ISOLATION
G	GENERATOR
\mathcal{O}	MOTOR
KI	KEY INTERLOCK
 [51]	RELAY NUMERICAL INDICATES TYPE
	UTILITY METER
	DIGITAL MULTIFUNCTION METER WITH CURRENT/POTENTIAL TRANSFORMER AS REQUIRED
	DIGITAL ENERGY METER
200/5	CURRENT TRANSFORMER: - '200/5' DENOTES CT RATIO IF INDICATED
$ \longrightarrow $	POTENTIAL TRANSFORMER: - NUMERICAL DENOTES QUANTITY OF FUSES
~	INVERTER
=	RECTIFIER
	BATTERY
• I	GROUND CONNECTION
	TRANSFORMER WITH PRIMARY AND SECONDARY CONNECTIONS AS INDICATED ON RISER DIAGRAM.

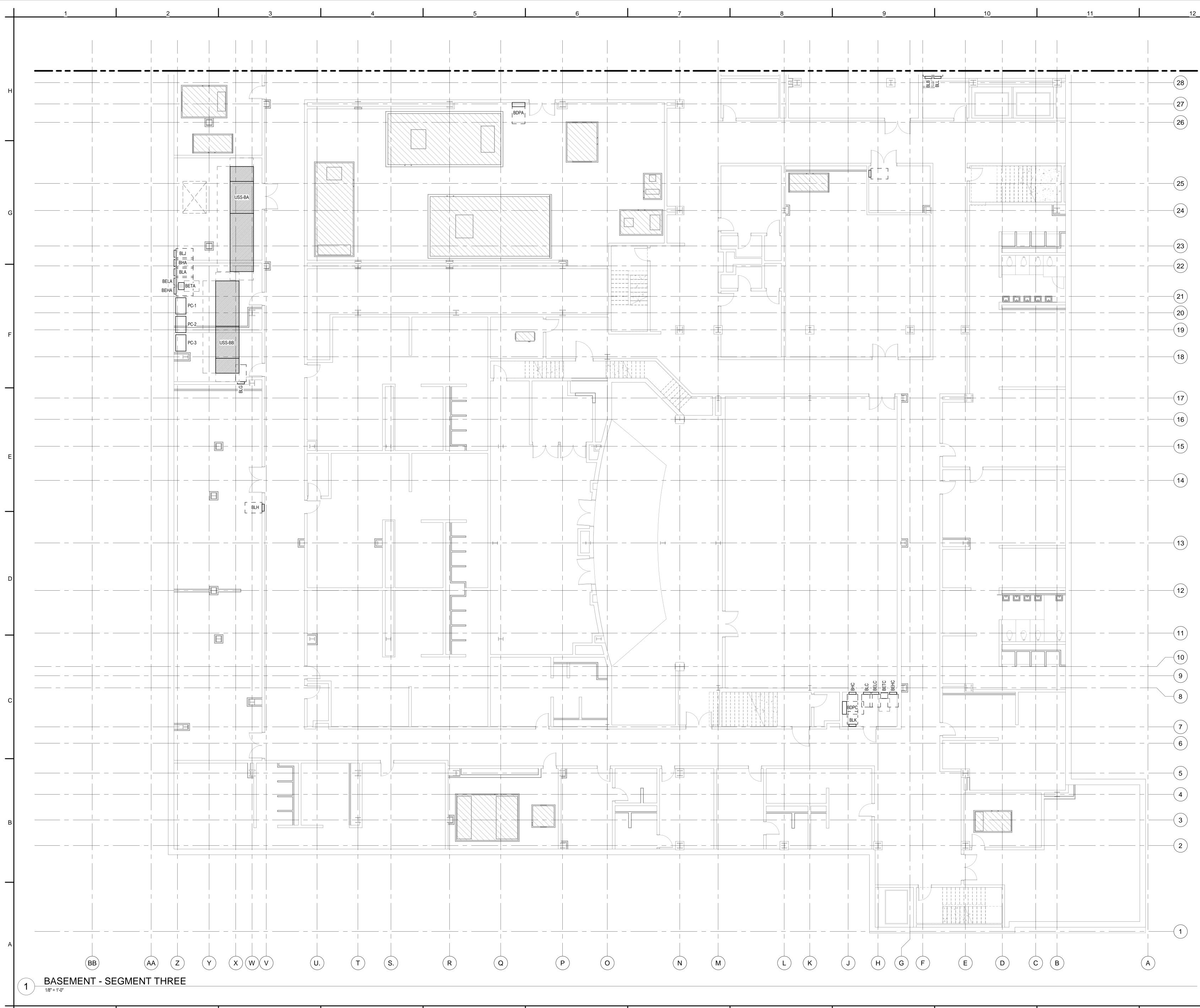
FIRE	E ALARM SYMBOLS	
SYMBOL	DESCRIPTION	SY
P	MANUAL PULL STATION	<i>μ</i>
	MANUAL STATIONHL - HALONDC - DRY CHEMICALFO - FOAMWC - WET CHEMICALWM - WATER MISTCA - CLEAN AGENTDL - DELUGE SPRINKLERPRE - PREACTION SYSTEMCO2 - CARBON DIOXIDE	
±€	ABORT SWITCHHL - HALONDC - DRY CHEMICALFO - FOAMWC - WET CHEMICALCA - CLEAN AGENTWM - WATER MISTCO2 - CARBON DIOXIDEDL - DELUGE SPRINKLERPRE - PREACTION SYSTEMEPO - EMERGENCY POWER OFF	
→ []	FIRE SERVICE OR EMERGENCY TELEPHONE J - JACK P - PHONE A - ACCESSIBLE FTS - FIRE FIGHTER'S TELEPHONE SYSTEM	C.
⟨ I ⟩	HEAT DETECTOR R/F - RATE OF RISE AND FIXED TEMPERATURE R/C - RATE COMPENSATION F - FIXED TEMPERATURE R - RATE OF RISE ONLY	(
P	SMOKE DETECTORP - PHOTOELECTRICI - IONIZATIONBR - BEAM RECEIVERASD - AIR SAMPLINGBT - BEAM TRANSMITTER	
R R	SMOKE DETECTOR FOR DUCT	
	SMOKE/HEAT DETECTOR	
< ↓ →	HEAT LINE-TYPE DETECTOR (HEAT SENSITIVE CABLE)	
٥	GAS DETECTOR	
	FLAME DETECTOR	
<i>⊾</i>	F - FLAME IR - INFRARED UV - ULTRAVIOLET	
	UV/IR - COMBINATION ULTRAVIOLET/INFRARED VR - VISIBLE RADIATION	
	ADDRESSABLE MODULE	
\bigcirc	AIM - INPUT AOM - OUTPUT	
Š	FLOW DETECTOR/SWITCH	
LA ♥	PRESSURE DETECTOR/SWITCH W - WATER LA - LOW AIR HA - HIGH AIR	
O₹	LEVEL DETECTOR/SWITCH	
Ŷ	TAMPER DETECTOR/SWITCH	
KO	VALVE TAMPER DETECTOR/SWITCH	
R	OUTPUT RELAY	
HT	TEMPERATURE SWITCH	
	HT - HIGH TEMPERATURE LT - LOW TEMPERATURE AUDIO DEVICE (WALL MOUNTED) H - HORN C - CHIME	
R	S - SPEAKER M - MINI AUDIO DEVICE (CEILING MOUNTED) H - HORN C - CHIME	
Ð	S - SPEAKER	
X X	STROBE (WALL MOUNTED)	
Ì	STROBE (CEILING MOUNTED)	N
	AUDIO/VISUAL COMBINATION (WALL MOUNTED) H - HORN C - CHIME S - SPEAKER	!
®	AUDIO/VISUAL COMBINATION (CEILING MOUNTED) H - HORN C - CHIME S - SPEAKER	
Ś	ROTATED BEACON	
RTS	REMOTE TEST SWITCH	
ŝ	BELL (WALL MOUNTED)V - VIBRATINGG - GONGGS - GONG/STROBET - TROUBLEVS - VIBRATING/STROBE	F
© Q	DOOR HOLDER FLOOR/DOOR	
FACP	FIRE ALARM CONTROL PANEL	
FSA	FIRE SYSTEM ANNUNCIATOR ALARM	REC
ASFP	AIR SAMPLING CONTROL DETECTOR PANEL	
ESR	ELEVATOR STATUS/RECALL	
FAC	FIRE ALARM COMMUNICATOR	
FSAP		
HVA		
FATC	VOICE EVACUATION PANEL	
FTR DGP	FIRE ALARM TRANSPONDER DATA GATHERING PANEL	
FCS	FIRE COMMAND SYSTEM	
SAP	SPRINKLER ALARM PANEL	U
RP	SPRINKLER ALARM PANEL	
PP	PURGE PANEL	
FACU	FIRE ALARM CONTROL UNIT	
BATT	BATTERY PACK AND CHARGER	
AMP	AMPLIFIER RACK	
HL FSCP	FIRE SYSTEM CONTROL PANELHL - HALONFO - FOAMDC - DRY CHEMICALWM - WATER MISTWC - WET CHEMICALCA - CLEAN AGENTDL - DELUGE SPRINKLER	
	CO2 - CARBON DIOXIDE	

ŀ	ABBREVIATIONS
SYMBOL	DESCRIPTION
A, AMP	AMPERE
AIC	AMPS INTERRUPTING CAPACITY ALTERNATING CURRENT
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
ATC ATS	AUTOMATIC TEMPERATURE CONTROL AUTOMATIC TRANSFER SWITCH
BAS	BUILDING AUTOMATION SYSTEM
BMS BFG	BUILDING MANAGEMENT SYSTEM BELOW FINISHED GRADE
C, CDT	CONDUIT
СВ	CIRCUIT BREAKER CABINET HEIGHT
СКТ	CIRCUIT
C.O., CO	
CONFIG. ଜୁ	CONFIGURATION CENTERLINE
CONV	CONVENIENCE
CM DDC	CONSTRUCTION MANAGER DIGITAL DATA CONTROL
DWG	DRAWING
E.C. ELEC	ELECTRICAL CONTRACTOR ELECTRICAL
EM	EMERGENCY
EMT E.O.	
E.O. EQ	ELECTRICALLY OPERATED 'ON-OFF' EQUAL
EWC	ELECTRIC WATER COOLER
FA FAI	FIRE ALARM FURNISH AND INSTALL
FBO	FURNISHED BY OTHERS
FS FLA	FIRE SHUTTER/DOOR FULL LOAD AMPS
FSD	FIRE SMOKE DAMPER
G, GND GEN	GROUND GENERATOR
GEN	GROUND FAULT CIRCUIT INTERRUPTER
HC	
HID HOA	HIGH INTENSITY DISCHARGE HAND-OFF-AUTOMATIC
HP	HORSE POWER
IBEC	INSTALLED BY ELECTRICAL CONTRACTOR ISOLATED GROUND
JB,J	JUNCTION BOX
KVA KW	KILO VOLT- AMPERE KILO WATT
КШ	KILO WATT HOUR
LC LCP	LOCK & COVER LIGHTING CONTROL PANEL
LTG	
LV	LOW VOLTAGE
LVR MCC	LOW VOLTAGE RELAY MOTOR CONTROL CENTER
MCP	MOTOR CONTROL PANEL
MER	MECHANICAL EQUIPMENT ROOM MANUFACTURER
MIN	MINIMUM
MLO MSB	MAIN LUGS ONLY MAIN SWITCHBOARD
MTD	MOUNTED
N NA, N/A	NEUTRAL NOT APPLICABLE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS
N.C.	ASSOCIATION NORMALLY CLOSED
NIC	NOT IN CONTRACT
# N.O.	NUMBER NORMALLY OPEN
NTS	NOT TO SCALE
OC P	ON CENTER POLES
PB	PULL BOX
PFC	POWER FACTOR CORRECTION
PH, ø PNL	PHASE PANEL
PVC	POLYVINYL CHLORIDE
PWR RC	POWER REHEAT COIL
RECPT, REC	RECEPTACLE
RM SG	ROOM
SHT	SHEET
SPEC SPDT	SPECIFICATIONS SINGLE POLE DOUBLE THROW
SPST	SINGLE POLE SINGLE THROW
SS	SURGE SUPPRESSION SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TC TYP	TIME CLOCK TYPICAL
UG	
UON, U.O.N. UPS	UNLESS OTHERWISE NOTED UNINTERRUPTIBLE POWER SUPPLY
UNF	UNFUSED
V VA	VOLT VOLT-AMPERES
VPI	VACUUM PRESSURE IMPREGNATION
VT W	VAPOR TIGHT WATT
WP	WATT WEATHER PROOF
XFMR XP	TRANSFORMER EXPLOSION PROOF
Λ Γ	

	ELECTRICAL DRAWING LIST					
DRG NO.	DRAWING TITLE	SCALE				
WT-1-E.0.01	ELECTRICAL - SYMBOLS, ABBREVIATIONS, AND DRAWING LIST	NTS				
WT-1-E.2.30	ELECTRICAL - SEGMENT THREE - BASEMENT - POWER PLAN	1/8" = 1'-0"				
WT-1-E.4.00.1	ELECTRICAL - SINGLE LINE DIAGRAM - SHEET 1	NTS				
WT-1-E.4.00.2	ELECTRICAL - SINGLE LINE DIAGRAM - SHEET 2	NTS				
WT-1-E.7.00.1	ELECTRICAL - BASEMENT - PARTIAL PLANS	1/4" = 1'-0"				

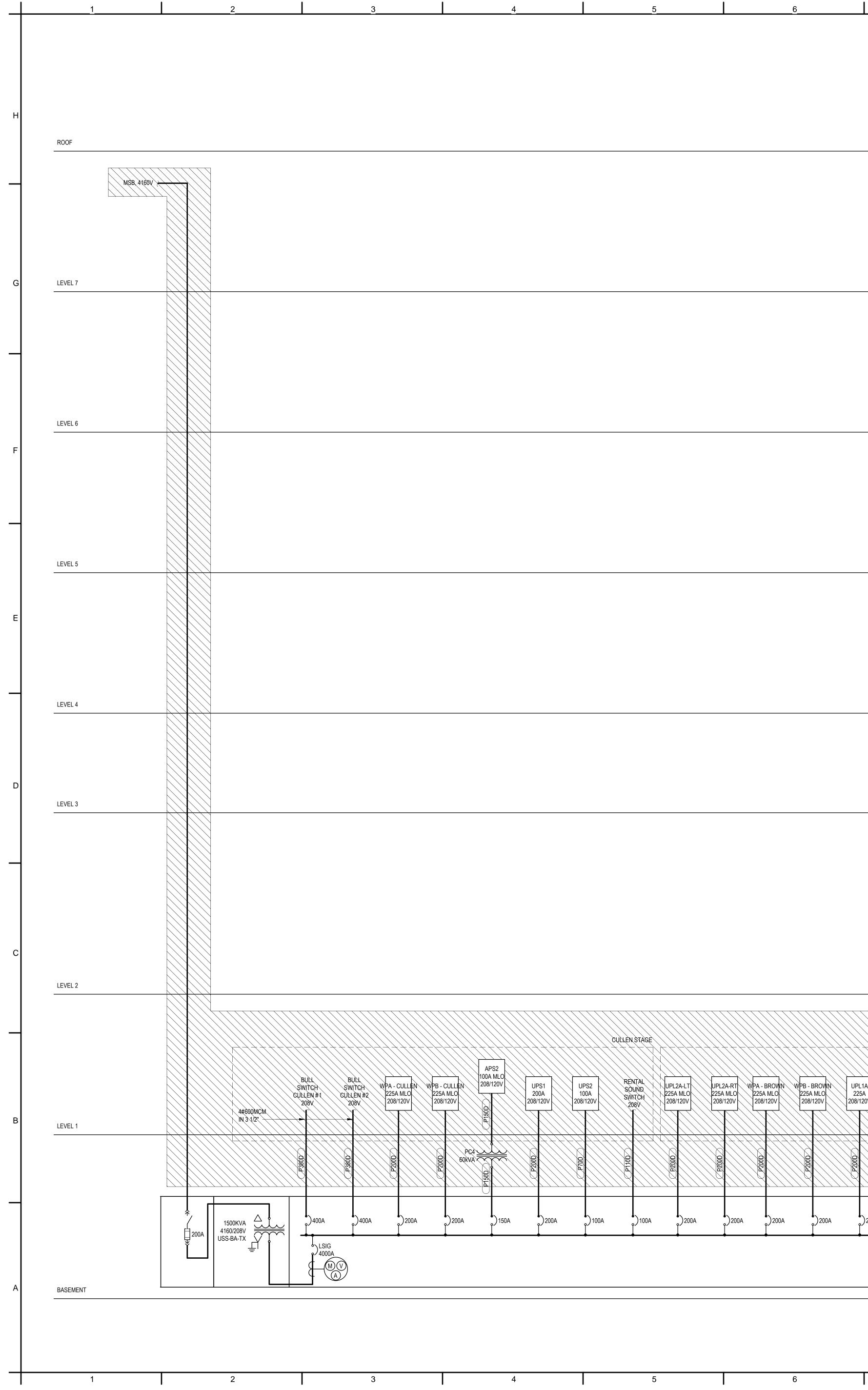
ER	
CTOR	
JUR	
RERS	

	_11		12			
				ls	sue for B	id
T					-12-2018	
	SCALE NTS					
	1/8" = 1'-0" NTS					
	NTS 1/4" = 1'-0"			N	/ORTH	
	1/4 = 1-0					
					HEATE	
					EHAB Texas Ave	ILITATION
					ston, TX 77002	
				F	Tous	tonfirst
				701	Avenida de las A	
				Hol	uston, TX 77010	
					Crison Korn D Buffalo Speedw	berg / ARUP ay, Suite 550
				tel (ston, Texas 7709 713) 229-0688	8
				iax (713) 229-0692	
					SS-STA	E OF TELU
					MARTIN	THOMAS SMITH
					n cress	CENSED.
					MC	M
					V (C	01-12-18
				© Co	pyright 2018	or implied second states in the
				All inf docu Harris duplio	formation, drawn, written, ment constitutes the origir sonKornberg Architects, L cated, distributed, or discl	osed by any means without
				the pi LLC. the a	rior written consent of Har This is an instrument of s uthor. The use of this doc	risonKornberg Architects, ervices and sole property of ument shall be revoked if any
				of the herein agree	e design intent or the cons n are not adhered to, or th ement for its use is violate	truction methods shown le terms of the contractual d.
				prece respo Harris	onsible for all dimensions a sonKornberg Architects, L	ions. Contractors shall be and conditions on the job. LC must be notified of any
				variat	sonKornberg Architects, L ion from the dimension ar drawings.	nd conditions shown by
				Re	evisions	
				No.	Date	Description
			·			
			·			
			·			
				Pr	oject Tea	ım
				Ha Con	CHITECT rrisonKornb tact: David Kaczy 3.229.0688	
				CI/	/IL ENGINEE	R
				Ма	rtinez Moore	
				ME Arı		R
				Con	tact: Tom Smith 3.343.1472	
				Wa Con	RKING CON Ilker Parking tact: Jeremy Roc	
				t: TE		
				Jaf	OUSTICS / A f e Holden	
				Con t: TE	tact: Garth Hemp 3D	hill
				Ke	ey Plan	
					YMBOLS	
				AE	BREVIA	ATIONS, AND
					RAWING	
				M	/T-1-	E.0.01
					ale: 12" = 1	
		1	46			Project Name: HFR Date: 12/27/2017
	11		12			



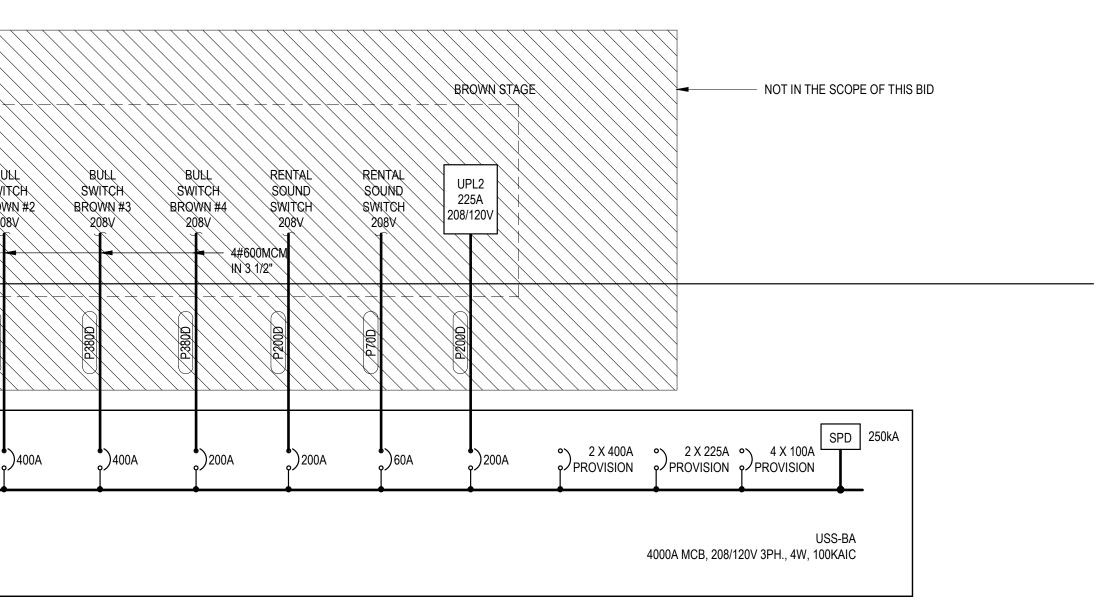
1 2 3

Issue for Bid 01-12-2018								
T R 501	WORTHAM THEATER REHABILITATION							
701	Hous Avenida de las A uston, TX 77010	tonfirst.						
3800 Hou tel (rrisonKorn D Buffalo Speedw ston, Texas 7709 713) 229-0688 713) 229-0692							
	188	THOMAS SMITH 112547 CENSED ONAL END ONAL END ONAL END ONAL END ONAL END ONAL END ONAL END ONAL END ONAL END ONAL END ON ON ON ON ON ON ON ON ON ON ON ON ON						
All ind docuu Harrii duplii the p LLC. the a of the hereii agree Writt precc respo Harrii varial	ment constitutes the origin sonKornberg Architects, L cated, distributed, or disclu- rior written consent of Har This is an instrument of s uthor. The use of this doc design intent or the cons n are not adhered to, or th ment for its use is violate en dimensions on these d adence over scale dimension soible for all dimensions a	osed by any means without risonKornberg Architects, ervices and sole property of ument shall be revoked if any truction methods shown e terms of the contractual d. rawings shall have ions. Contractors shall be and conditions on the job. LC must be notified of any						
Re No.	evisions	Description						
NO.	Date	Description						
Pr	oject Tea	ım						
Ha Con	CHITECT rrisonKornb tact: David Kaczy 3.229.0688	_						
Ma	/IL ENGINEE rtinez Moore tact: TBD 3D							
Arı Con	P ENGINEEI J p tact: Tom Smith 3.343.1472	R						
Wa	RKING CON Ilker Parking tact: Jeremy Roc 3D							
Jaf	OUSTICS / A f e Holden tact: Garth Hemp 3D							
Ke	ey Plan							
PLAN NORTH								
SI B/ Pl	EGMENT ASEMEN _AN	THREE - IT - POWER						
		Project Name: HFR Date: 12/27/2017						

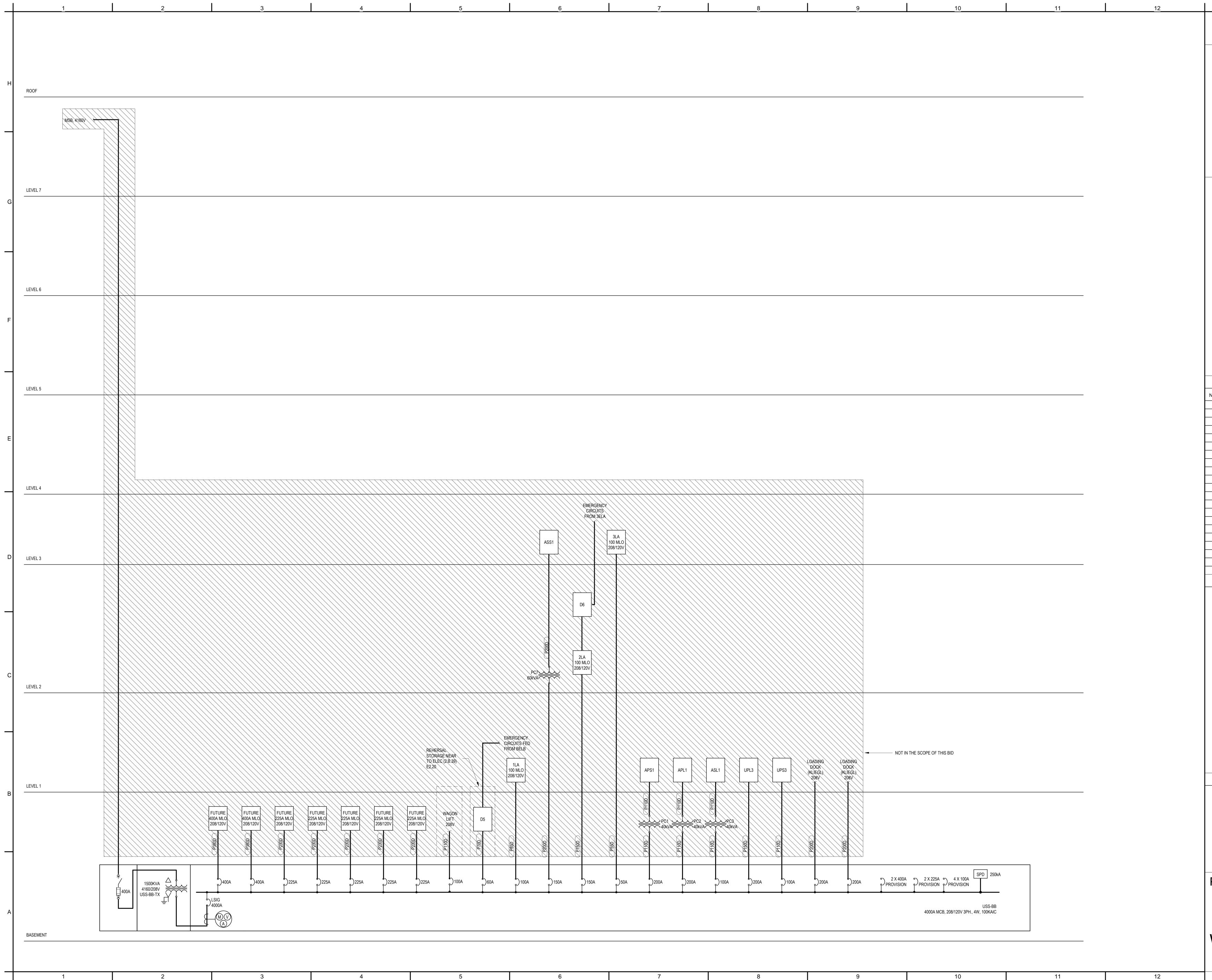


		CULLEN	STAGE										+
UF 20 208/	0A 10	OA SW	UTAL UND UCH 225A 208/		MLO 225A	MLO 225A	MLO 22	<u> </u>	012 UF MLO 22 120V 208/	5A 🚺 100A	SW BRQ)LL BL TCH SW WN #1 BRQ 20	
P2000			P200D	P200D	, P200D	P2000	P2000		PC5 60K/A 60K/A		A GOBEA	A Constant	
A)200A)100A)100A)200A)200A)200A)200A)200A)150A)200A)100A)400A)4

7 8 9

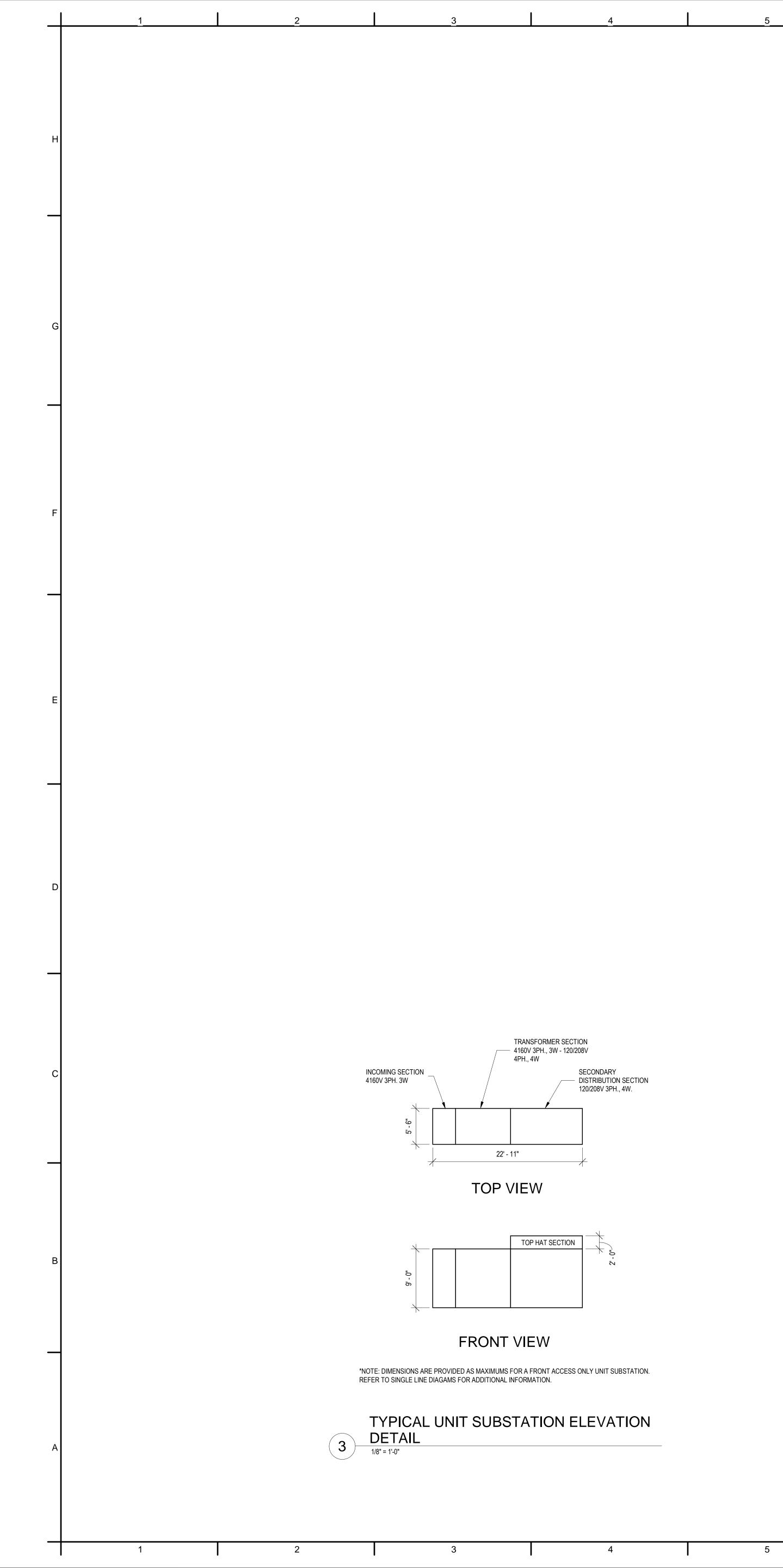


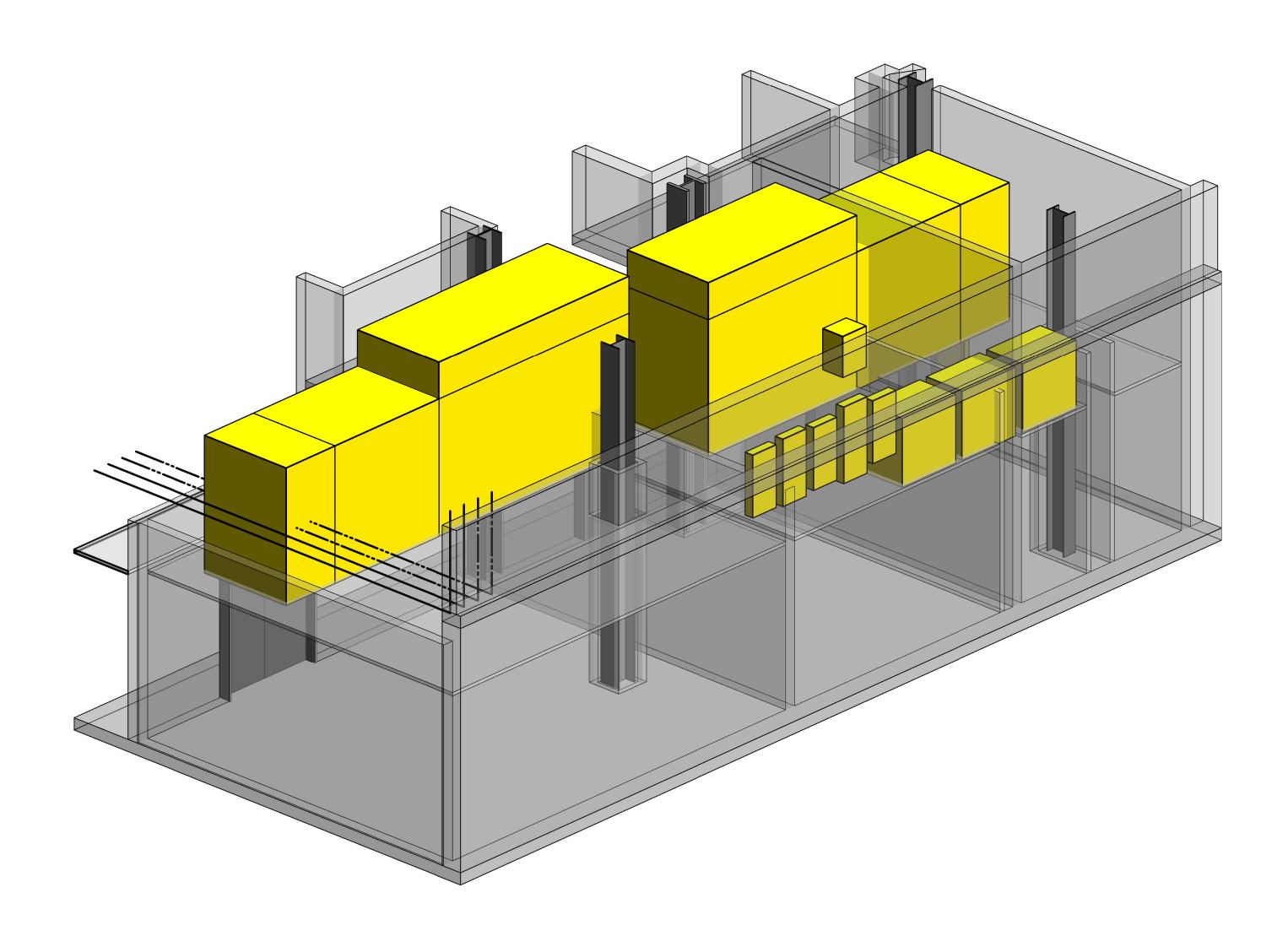
11	12		
		Issue for B 01-12-2018	
		WORTH THEAT	
		501 Texas Ave Houston, TX 77002	
		Houston, TX 77010	Americas
		HarrisonKorr 3800 Buffalo Speedw Houston, Texas 7709 tel (713) 229-0688 fax (713) 229-0692	vay, Suite 550
		A HILL	V THOMAS SMITH 112547 CENSED WAL END WAL END WAL MAL MAL MAL MAL MAL MAL MAL M
		of the design intent or the con herein are not adhered to, or t agreement for its use is violat Written dimensions on these precedence over scale dimen- responsible for all dimensions HarrisonKornberg Architects, variation from the dimension a	inal and unpublished work of LLC. and may not be loosed by any means without arrisonKornberg Architects, services and sole property of cument shall be revoked if any struction methods shown he terms of the contractual ed. drawings shall have sions. Contractors shall be and conditions on the job. LLC must be notified of any
		these drawings.	
		No. Date	Description
		Project Tea	am
		ARCHITECT HarrisonKornt Contact: David Kacz t: 713.229.0688	
		CIVIL ENGINEI Martinez Moor Contact: TBD t: TBD	
		MEP ENGINEE Arup Contact: Tom Smith t: 713.343.1472	R
		PARKING CON Walker Parking Contact: Jeremy Roc	g
NOT IN THE SCOPE OF THIS BID		t: TBD ACOUSTICS / J Jaffe Holden Contact: Garth Hemp t: TBD	
		Key Plan	
SPD 250kA			
225A A X 100A A X 100A SION PROVISION			GF 1
USS-BA 8, 208/120V 3PH., 4W, 100KAIC			CAL - SINGLE
			-E.4.00.1
11	12		Project Name: HFR Date: 12/27/2017



UPS3 LOADING DOCK (KLIEGL) 208V LOADING DOCK (KLIEGL) 208V 208V	- NOT IN THE SCOPE OF THIS BID
P110D	
)100A)200A)200A	°) 2 X 400A °) PROVISION °) 2 X 225A °) PROVISION °) PROVISION ° PROVISION
	USS-BB 4000A MCB, 208/120V 3PH., 4W, 100KAIC

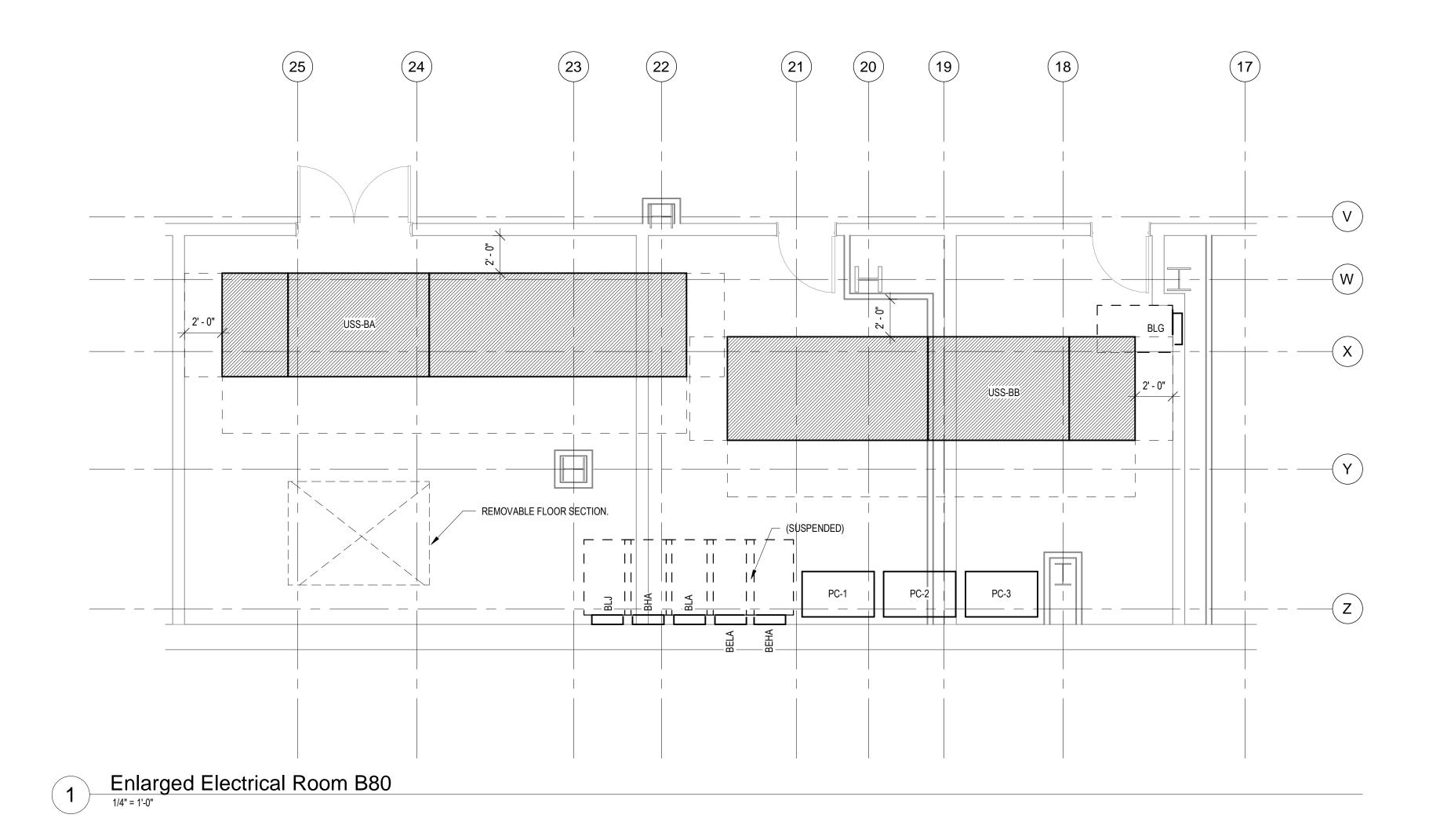
	sue for E -12-2018				
<section-header><text><text><text></text></text></text></section-header>					
HarrisonKornberg /ARUP 3800 Buffalo Speedway, Suite 550 Houston, Texas 77098 tel (713) 229-0688 fax (713) 229-0692 MARTIN THOMAS SMITH 112547 MARTIN THOMAS SMITH					
© Copyright 2018 All information, drawn, written, or implied, appearing in this document constitutes the original and unpublished work of HarrisonKornberg Architects, LLC. and may not be duplicated, distributed, or disclosed by any means without the prior written consent of HarrisonKornberg Architects, LLC. This is an instrument of services and sole property of the author. The use of this document shall be revoked if any of the design intent or the construction methods shown herein are not adhered to, or the terms of the contractual agreement for its use is violated. Written dimensions on these drawings shall have precedence over scale dimensions. Contractors shall be responsible for all dimensions and conditions on the job. HarrisonKornberg Architects, LLC must be notified of any variation from the dimension and conditions shown by these drawings.					
Re No.	visions	Description			
NO.	Date	Description			
Pr	oject Te	am			
Ha Con	CHITECT rrisonKornl tact: David Kacz 3.229.0688	-			
CIVIL ENGINEER Martinez Moore Contact: TBD t: TBD					
MEP ENGINEER Arup Contact: Tom Smith t: 713.343.1472					
Wa Con	RKING CON I lker Parkin tact: Jeremy Ro 3D	g			
t: TBD ACOUSTICS / AV / IT Jaffe Holden Contact: Garth Hemphill t: TBD					
Ke	ey Plan				
		GE 1 CAL - SINGLE			
LI	NE DIAC HEET 2				
		-E.4.00.2			
	ale: 12" =				
		Project Name: HFR Date: 12/27/2017			







2 Electrical Room B80 Isometric



Issue for Bid 01-12-2018				
WORTHAM THEATER REHABILITATION 501 Texas Ave Houston, TX 77002				
Houstonfirst. 701 Avenida de las Americas Houston, TX 77010				
HarrisonKornberg/ARUP 3800 Buffalo Speedway, Suite 550 Houston, Texas 77098 tel (713) 229-0688 fax (713) 229-0692				
MARTIN THOMAS SMITH MARTIN THOMAS SMITH 112547 112547 SSIONAL ENSIDE MINIMONIAL ENSI				
© Copyright 2018 All information, drawn, written, or implied, appearing in this document constitutes the original and unpublished work of HarrisonKornberg Architects, LLC. and may not be duplicated, distributed, or disclosed by any means without the prior written consent of HarrisonKornberg Architects, LLC. This is an instrument of services and sole property of the author. The use of this document shall be revoked if any of the design intent or the construction methods shown herein are not adhered to, or the terms of the contractual agreement for its use is violated. Written dimensions on these drawings shall have precedence over scale dimensions. Contractors shall be responsible for all dimensions and conditions on the job. HarrisonKornberg Architects, LLC must be notified of any variation from the dimension and conditions shown by these drawings.				
Re No.	visions Date	Description		
	oject Tea CHITECT	am		
ARCHITECT HarrisonKornberg Contact: David Kaczynski t: 713.229.0688				
Ma Cont	/IL ENGINEE rtinez Moore tact: TBD			
t: TBD MEP ENGINEER Arup Contact: Tom Smith t: 713.343.1472				
PARKING CONSULTANT Walker Parking Contact: Jeremy Rocha				
t: TBD ACOUSTICS / AV / IT Jaffe Holden Contact: Garth Hemphill t: TBD				
Key Plan				
PÆ	ACKAC	GE 1		
B/ PL	ANS	CAL - IT - PARTIAL • E.7.00.1		
Sca	ale: As indic	Project Name: HFR Date: 12/27/2017		