	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	

1

2

3

4

5

6

		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	
(E-3)	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.

4

5

3

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	

6

7

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	

7

8

9

	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"

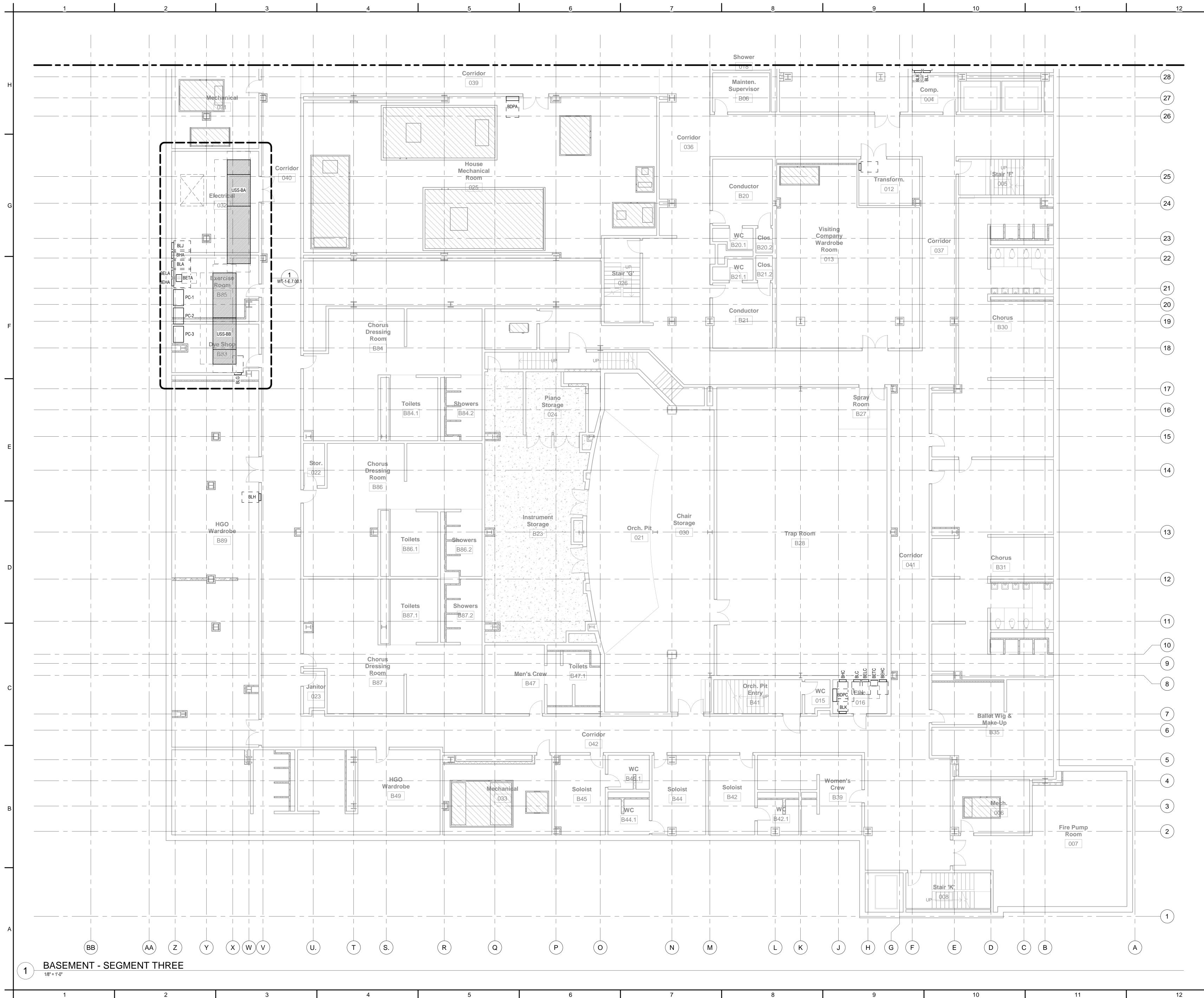
9

8

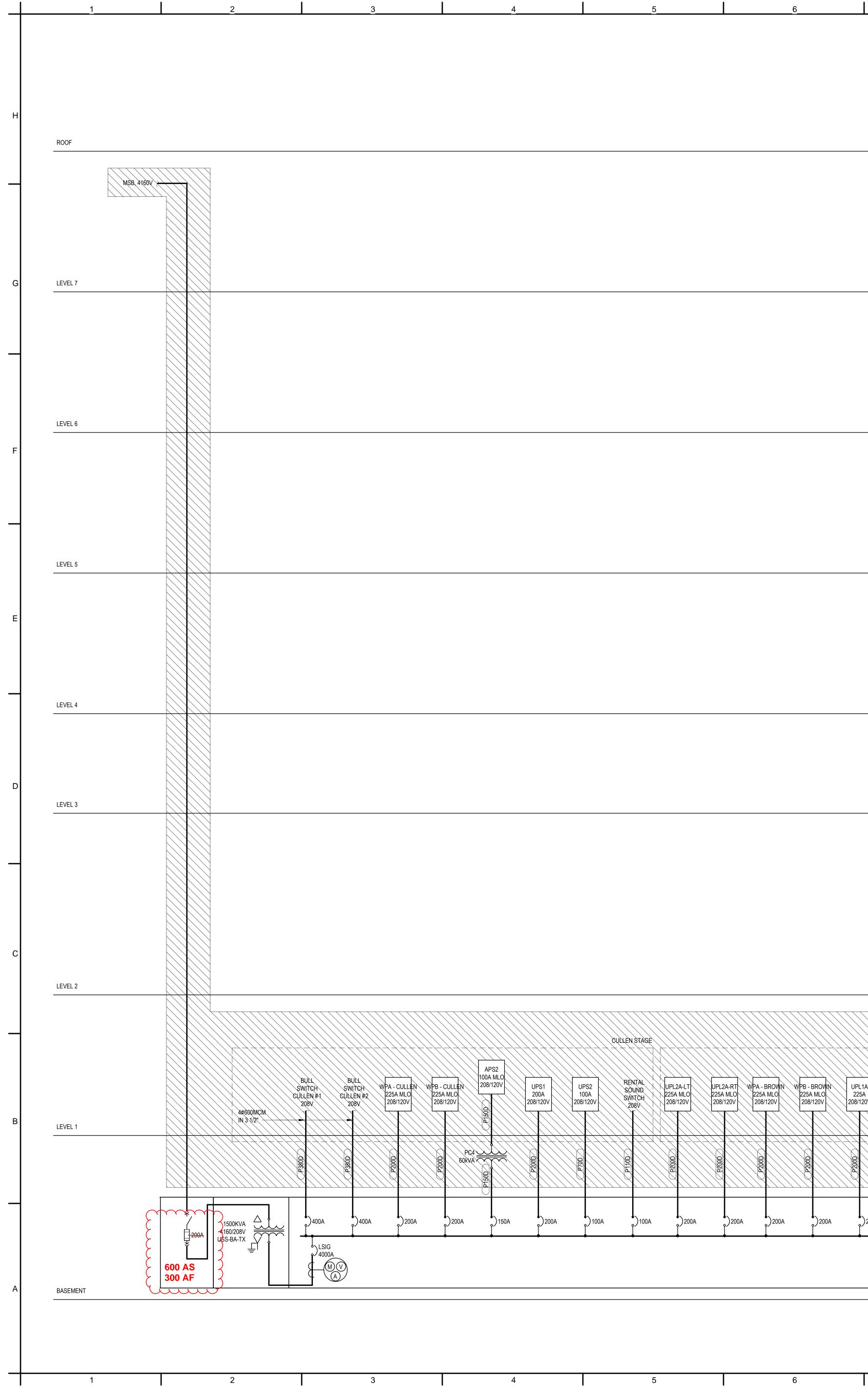
10

ER	
CTOR	
JUR	
RERS	

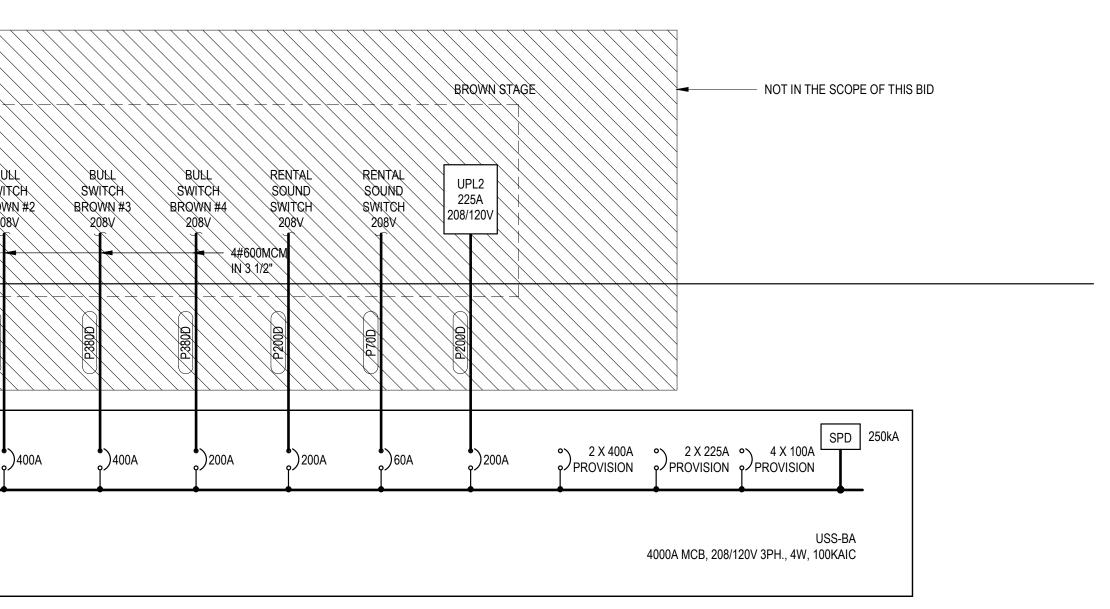
11	12		
T SCALE NTS 1/8" = 1'-0"		Issue for Bio 01-12-2018	d
NTS NTS 1/4" = 1'-0"		WORTH	
		THEATE REHABI 501 Texas Ave Houston, TX 77002	LITATION
			tonfirst.
		HarrisonKornt 3800 Buffalo Speedway Houston, Texas 77098 tel (713) 229-0688	y, Suite 550
		fax (713) 229-0692	TE OF TETUIN
		PRO C	IN THOMAS SMITH 112547 SIONAL ENDING SIONAL ENDING MUTATION OT-12-18
		© Copyright 2018 All information, drawn, written, or document constitutes the original HarrisonKornberg Architects, LLC	implied, appearing in this I and unpublished work of C. and may not be
		duplicated, distributed, or disclos the prior written consent of Harris LLC. This is an instrument of ser the author. The use of this docun of the design intent or the constru- herein are not adhered to, or the agreement for its use is violated. Written dimensions on these draw precedence over scale dimension responsible for all dimensions and HarrisonKornberg Architects, LLC variation from the dimension and these drawings.	sonKornberg Architects, vices and sole property of nent shall be revoked if any uction methods shown terms of the contractual wings shall have ns. Contractors shall be d conditions on the job. C must be notified of any
		Revisions	
		No. Date	Description
		Project Tea	m
		ARCHITECT HarrisonKornbe Contact: David Kaczyn t: 713.229.0688	
		CIVIL ENGINEEF Martinez Moore Contact: TBD t: TBD	२
		MEP ENGINEER Arup Contact: Tom Smith t: 713.343.1472	
		PARKING CONS Walker Parking Contact: Jeremy Rocha t: TBD	
		ACOUSTICS / AN Jaffe Holden Contact: Garth Hemph t: TBD	
		Key Plan	
		PLAN NORTH PACKAG ELECTRICA SYMBOLS,	AL -
		ABBREVIA DRAWING	TIONS, AND LIST
		WT-1- Scale: 12" = 1'-	0"
11	12		Project Name: HFR Date: 12/27/2017



	Issue for Bid 01-12-2018						
T R 501	WORTHAM THEATER REHABILITATION 501 Texas Ave Houston, TX 77002						
701	Tous Avenida de las A Iston, TX 77010	tonfirst.					
3800 Hous tel (rrisonKorn) Buffalo Speedwa ston, Texas 7709 713) 229-0688 713) 229-0692						
	N PAO	TIN THOMAS SMITH 112547 SCIONAL END SCIONAL END SCIONAL SCION					
All inf docur Harris duplic the pr LLC. the au of the hereir agree Writte prece respo Harris variati these	nent constitutes the origin sonKornberg Architects, L sated, distributed, or disclu- ior written consent of Har This is an instrument of s thor. The use of this doci design intent or the cons a re not adhered to, or th ment for its use is violated en dimensions on these di dence over scale dimensis insible for all dimensions ar sonKornberg Architects, L ion from the dimension ar drawings.	besed 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 ons. Contractors shall be and conditions on the job. LC must be notified of any					
	evisions	Description					
No.	Date	Description					
D		m					
	oject Tea						
Ha Con	CHITECT rrisonKornb tact: David Kaczy 3.229.0688						
Ma	/IL ENGINEE rtinez Moore tact: TBD						
ME Arı	P ENGINEEI	R					
t: 71 PA	act: Tom Smith 3.343.1472 RKING CON						
	tact: Jeremy Roc						
ACOUSTICS / AV / IT Jaffe Holden Contact: Garth Hemphill t: TBD							
Ke	ey Plan						
PLAN NORTH							
W	_,	E.2.30 1'-0" Project Name: HFR Date: 12/27/2017					



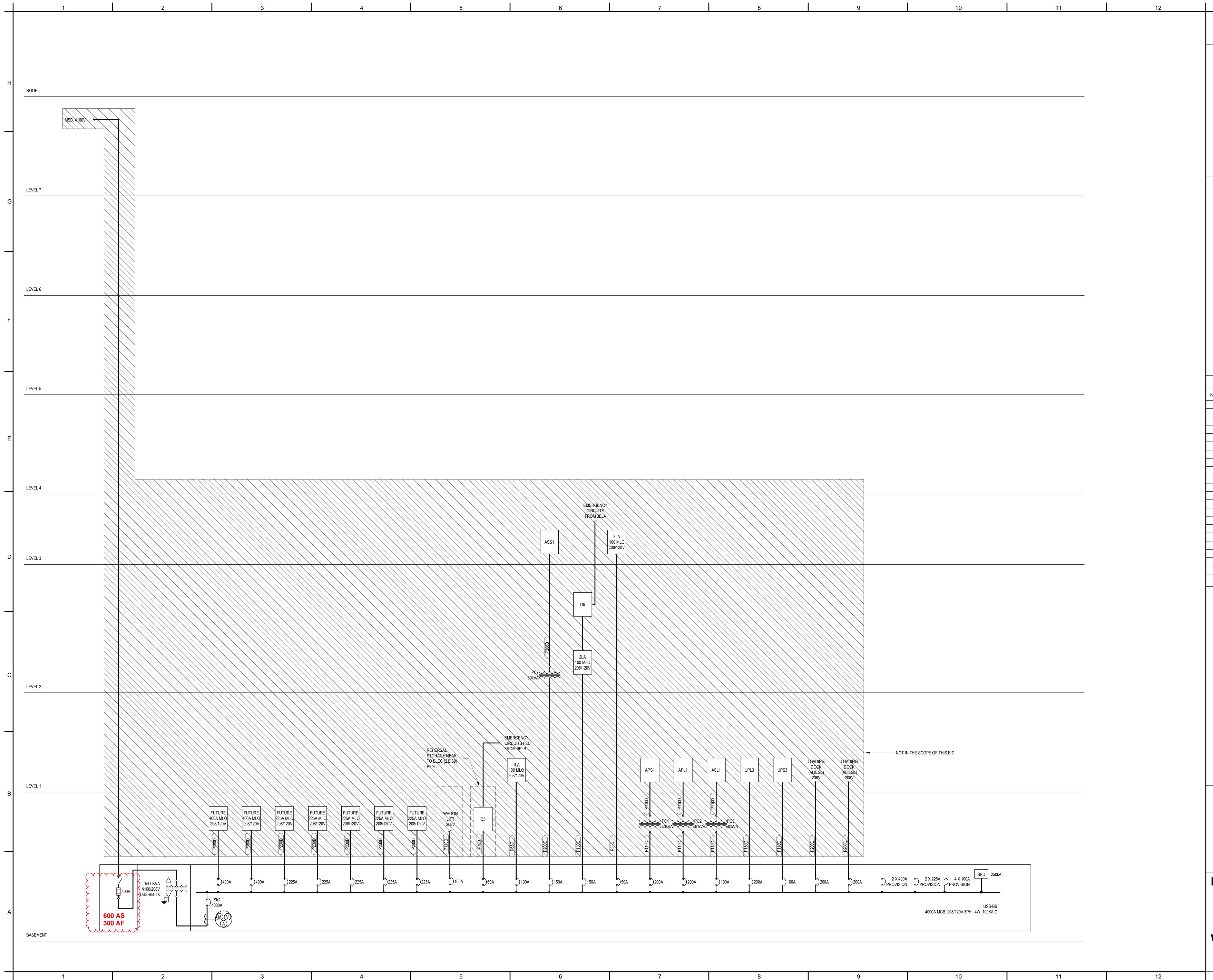
		CULLEN	STAGE										+
UF 20 208/	0A 10	OA SW	UTAL UND UCH 225A 208/		MLO 225A	MLO 225A	MLO 22	<u> </u>	012 UF MLO 22 120V 208/	5A 🚺 100A	SW BRQ)LL BL TCH SW WN #1 BRQ 20	
P2000			P200D	P200D	, P200D	P2000	P200D		PC5 60K/A 60K/A		A GOBEA	A Constant	
A)200A)100A)100A)200A)200A)200A)200A)200A)150A)200A)100A)400A)4



_____10

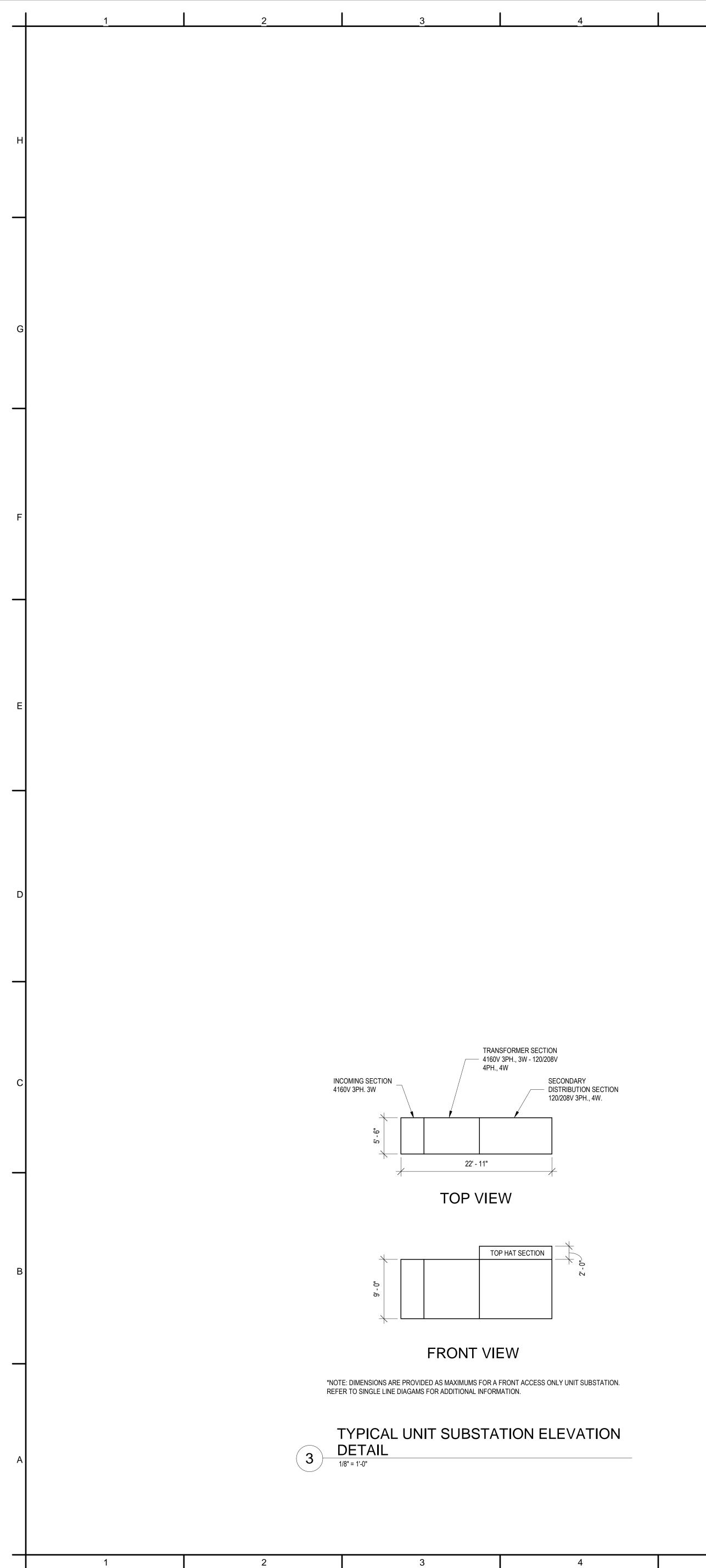
7 8 9

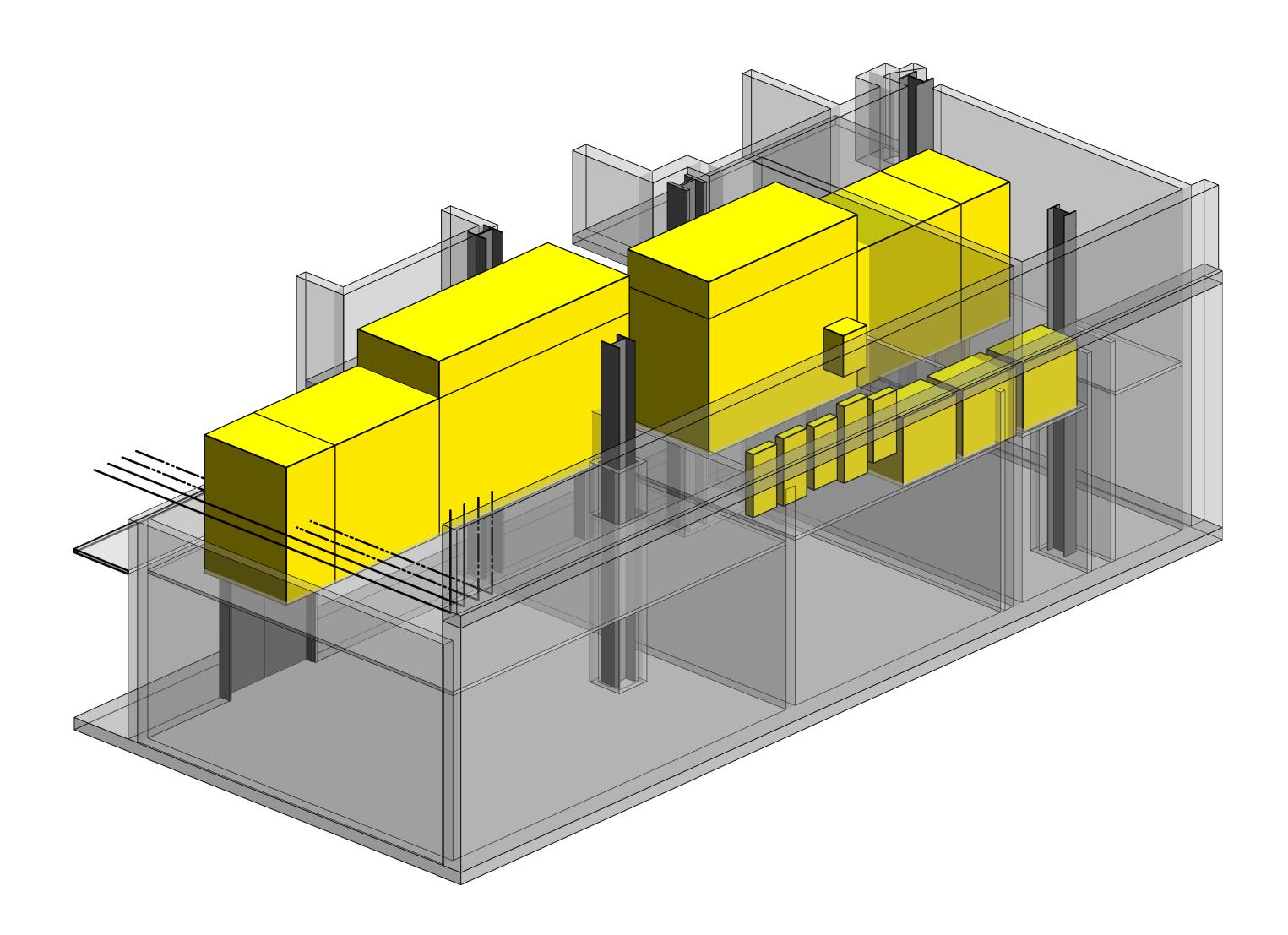
11	12			
			sue for E -12-2018	
			/ORTI	
			HEAT EHAB	ER BILITATION
			Texas Ave ston, TX 77002	
		701	Avenida de las uston, TX 77010	
		3800 Hou: tel (rrisonKor D Buffalo Speed ston, Texas 770 713) 229-0688 713) 229-0692	nberg / ARUP way, Suite 550 198
			William +	STATE OF TETRING
			N PROS	ARTIN THOMAS SMITH
			$\sum_{i=1}^{n}$	MUNICIPAL ENDING
		All inf docur	ment constitutes the ori	n, or implied, appearing in this ginal and unpublished work of
		duplic the pr LLC. the au of the	rior written consent of H This is an instrument o uthor. The use of this d design intent or the co	, LLC. and may not be icclosed by any means without larrisonKornberg Architects, f services and sole property of ocument shall be revoked if any nstruction methods shown the terms of the contractual
		agree Writte prece respo Harris variat	ement for its use is viola en dimensions on these adence over scale dimen posible for all dimension sonKornberg Architects ion from the dimension	ted.
		these	e drawings.	
		Re No.	Date	Description
		Pr	oject Te	am
		AR Ha i Con	CHITECT rrisonKornl tact: David Kac: 3.229.0688	berg
		Ма	/IL ENGINE rtinez Moor tact: TBD 3D	
		Arι Con	P ENGINEE Jp tact: Tom Smith 3.343.1472	
		Wa Con t: TE		g ocha
NOT IN THE SCOPE OF THIS BID		Jaf	OUSTICS / fe Holden tact: Garth Hem 3D	
		Ke	ey Plan	
2254 D 4 X 1004 SPD 250kA			$\mathbf{\widehat{b}}$	
225A A X 100A SION PROVISION USS-BA				GE 1
в, 208/120V 3PH., 4W, 100KAIC		LI		CAL - SINGLE GRAM -
			/T-1 ale: 12" =	
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

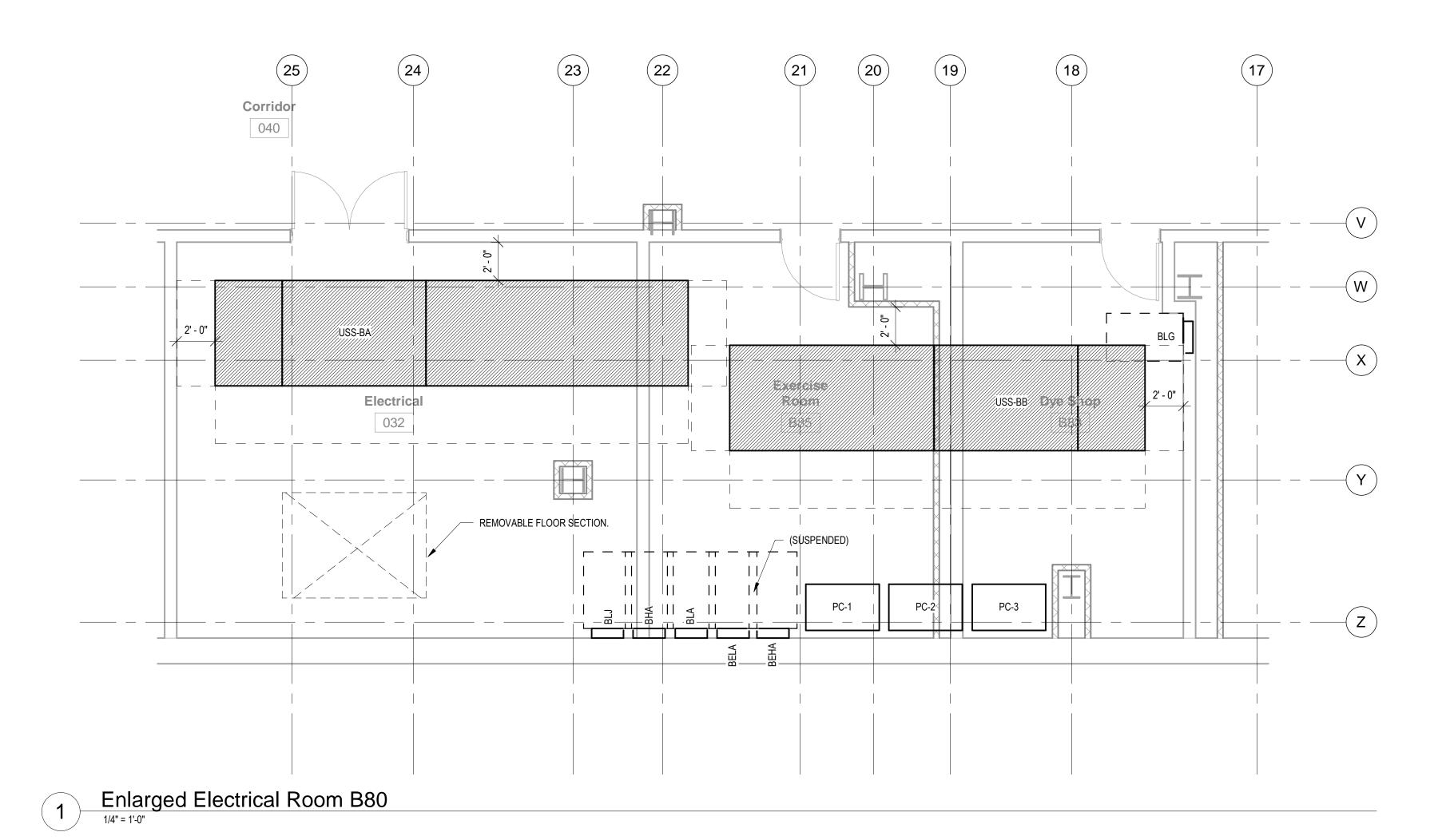
Issue for Bid 01-12-2018					
WORTHAM THEATER REHABILITATION 501 Texas Ave Houston, TX 77002					
Houston, TX 77010					
HarrisonKornberg/ARUP 3800 Buffalo Speedway, Suite 550 Houston, Texas 77098 tel (713) 229-0688 fax (713) 229-0692					
MARTIN THOMAS SMITH 112547 112547 MARTIN THOMAS SMITH 112547 MSSIONAL ENPLOY MINIMUM A MARTIN THOMAS SMITH 112547 MINIMUM A MARTIN THOMAS SMITH 112547 MINIMUM A SIONAL ENPLOY MINIMUM A MARTIN THOMAS SMITH 112547 MINIMUM A SIONAL ENPLOY MINIMUM A SIONAL ENPLOY MINIMUM A MARTIN THOMAS SMITH 112547 MINIMUM A SIONAL ENPLOY MINIMUM A MARTIN THOMAS SMITH 112547 MINIMUM A MINIMUM A					
© 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			
Pr	oiect Tea	am			
Project Team ARCHITECT HarrisonKornberg Contact: David Kaczynski t: 713.229.0688					
CIVIL ENGINEER Martinez Moore Contact: 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					
Ke	ey Plan				
	NORTH				
LI	_ECTRIC NE DIAG HEET 2	CAL - SINGLE GRAM -			
		E.4.00.2			
	ale: 12" = 1				







2 Electrical Room B80 Isometric



12					
	Issue for Bid 01-12-2018				
	WORTHAM THEATER REHABILITATION				
	501 Texas Ave Houston, TX 77002 Houstonfirst. 701 Avenida de las Americas Houston, TX 77010				
	<section-header><text><text><image/><text><text></text></text></text></text></section-header>				
	Revisions No. Date Description				
	NO.	Date	Description		
	Pr	oiect Tea	m		
	Project Team ARCHITECT HarrisonKornberg Contact: David Kaczynski t: 713.229.0688				
	t: 713.229.0688 CIVIL ENGINEER Martinez Moore Contact: 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				
	Ke	ey Plan			
	PACKAGE 1				
	BA PL	ANS	T - PARTIAL		
		/T-1- ale: As indic	E.7.00.1 eated		
12					