	FIREMA	EQUIPMENT	OUES:		V VOLTAGE WI	RING FINAL	
MEP SYSTEM DESCRIPTION	FURNISHED BY	INSTALLED BY	CHECK OUT BY	FURNISHED BY	INSTALLED BY	CONNECTION BY:	REMARKS
lectrical			00000000			D1.	REWARKS
DATA & PHONE WIRING	CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	EC TO PROVIDE ALL CONDUITS/SLEEVES; DATA TO BE RAN & INSTA
PUBLIC ADDRESS SYSTEM	CINERGY	CINERGY	CINERGY			CINERGY	CINERGY NAV
CCTV SYSTEMS & MONITORS POINT OF SALE (P.O.S.) SYSTEM / DATA	CINERGY CINERGY	CINERGY	CINERGY CINERGY	CINERGY CINERGY	CINERGY CINERGY	CINERGY	CONDUITS AND POWER BY EC CONDUITS AND POWER BY EC
ABO, ETM / ATM MACHINES	CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	CONDUITS AND POWER BY EC
SECURITY / BURGLER ALARM SYSTEM CINEMEDIA SYSTEM (DIGITAL ADVERTISING)	CINERGY CINERGY	CINERGY CINERGY	CINERGY CINERGY	CINERGY CINERGY	CINERGY CINERGY	CINERGY CINERGY	
SATELLITE DISHES	CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	CONDUITS BY EC, BACKING, SUPPORT AND WEATHER HEADS BY GO
COMPUTER NETWORKING DIMMERS (PROJECTION BOOTH)	CINERGY	CINERGY	CINERGY	CINERGY EC	CINERGY EC	CINERGY EC/CINERGY	SLEEVES & CONDUITS BY EC
TYPE 'T', 'TC', 'TW', 'TR', 'TW12' & 'TS' AISLE LIGHTS,	CINERGY	CINERGY	CINERGY	EC	EC	EC	TRANSFORMERS, DIMMERS, SURGE PROTECTORS FURNISHED BY (
AISLE LTG DIMMER, SURGE PROTECTOR AISLE LIGHTING SET LIGHT LEVEL	CINERGY	CINERGY	CINERGY	N/A	N/A	N/A	MOUNTED AND TERMINATED BY EC BY CINERGY VENDOR
EXTERIOR SIGNAGE	CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	EC	EC TO FURNISH ALL CONDUITS & POWER & FINAL CONNECTION
PROJECTION ROOM EQUIPMENT FLOOR STANDING SOUND RACK	CINERGY CINERGY	CINERGY CINERGY	CINERGY CINERGY	EC EC	EC EC	CINERGY CINERGY	EC TO FURNISH ALL CONDUITS & POWER EC TO FURNISH ALL CONDUITS & POWER
PROJECTION & SOUND AUTOMATION SYSTEM HEARING IMPAIRED SYSTEM (ALD)	CINERGY CINERGY	CINERGY CINERGY	CINERGY	EC EC	EC EC	CINERGY CINERGY	EC TO FURNISH ALL CONDUITS & POWER EC TO FURNISH ALL CONDUITS & POWER, BLOCKING BY GC.
TILAKINO IWI AIKED STSTEW (ALD)	CINERGY	CINERGY	CINERGY	EC	EC	EC/CINERGY	EC TO FURNISH ALL CONDUIT & POWER
MASKING MOTORS	OMEROT	OMERO	OIIVEIKOT			LOTOTIVEIRO	PLUS PULL CONTROL WIRING TO J BOX IN BOOTH; EC MUST CHECK TO SEE ALL CEILING SPEAKE
EPIC CEILING SURROUND SPEAKERS	CINERGY	EC	EC	EC	EC	CINERGY	FUNCTIONING ONCE INSTALLED
AUDITORIUM SURROUND SPEAKERS & EPIC SOUND WOOFERS	CINERGY	CINERGY	CINERGY	EC	EC	CINERGY	CINERGY TO TERMINATE AT SPEAKERS, AT SOUND RACK, AND SPI TERMINATION J-BOX IN BOOTH, EC TO FURNISH ALL CONDUIT AND
AUDITORIUM SURROUND SPEARERS & EPIC SOUND WOOFERS	CINERGY	CINERGI	CINERGI	EC	EC	CINERGI	SPEAKER WIRE
STAGE AND SURROUND SPEAKERS	CINERGY	CINERGY	CINERGY	EC	EC	CINERGY	CONDUIT BY EC. SPEAKER BRACKETS TO BE INSTALLED BY CINERO
TELEPHONE SYSTEM	CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	EXCEPT DROPS IN WALLS TO BE EMT BY THE EC.
	OINES	OINESS	F.	F.0	F.	F.0	EC TO FURNISH ALL CONDUITS, POWER AND BE ON SITE AT GAME IN
GAMES	CINERGY	CINERGY	EC	EC	EC	EC	ACCOMMODATE POWER POLES WHERE NECESSARY (SEE SPECS AN FOR MORE DETAIL)
LASERTAG	F.		Γ.	F	Γ.	F.	SEE PLANS FOR DETAILS;
ALL LIGHTING NOT PROVIDED BY CINERGY BLACKLIGHT CANON (UV), COLOR CHANGING (SR), BOWLING	EC CINERGY	EC EC	EC EC	EC EC	EC EC	EC EC	SEE SPECS AND PLANS FOR DETAILS CINERGY TO FURNISH AND RUN LOW VOLTAGE AND FINAL CONNEC
LANE INDICATORS BOWLING-AUTOMATIC SCORERS	CINERGY	CINERGY	CINERGY	EC	EC	EC	DMX IN RACK EC TO FURNISH ALL CONDUIT AND POWER
BOWLING-AUTOWATIC SCORERS	CINERGY	CINERGY	CINERGY	EC	EC	EC	POWER BY EC, POWER IS PULLED DOWN THE AIRCRAFT CABLE SUP
SCORING MONITORS OVERHEAD BALL LIFTS	CINERGY	CINERGY	CINERGY	EC	EC	EC	NAV & MOUNTED AT TV HEIGHT BEHIND TV; INSTALL BY NAV CINERO EC TO FURNISH ALL CONDUIT AND POWER
BALL RETURNS	CINERGY	CINERGY	CINERGY	EC	EC	EC	EC TO FURNISH ALL CONDUIT AND POWER
BOWLING PROJECTORS BOWLING PEDESTALS	CINERGY	CINERGY	CINERGY	EC CINERGY	EC CINERGY	EC CINERGY	EC TO FURNISH ALL CONDUIT AND POWER
INTERIOR SIGNAGE	CINERGY	CINERGY	CINERGY/EC	EC	EC	EC	POWER BY EC
DIGITAL MENU BOARDS LCD BOARDS	CINERGY CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	CINERGY	EC TO FURNISH ALL CONDUITS & POWER EC TO FURNISH ALL CONDUITS & POWER
LED SIGNAGE, MINI MARQUEES,	N/A	N/A	N/A	N/A	N/A	N/A	
POSTER CASES LIGHT FIXTURES AND EXIT SIGNS	N/A EC	N/A EC	N/A EC	N/A EC	N/A EC	N/A EC	
LINEAR LED (exterior light fixtures)	EC	EC	EC	EC	EC	EC	
AUDITORIUM WALL SCONCES 'WA' and mounting bracket ELECTRICAL SWITCH GEAR	CINERGY EC	EC EC	EC EC	EC EC	EC EC	EC EC	
FAN, FCU, AHU, RTU DUCT SMOKE DETECTORS	EC/MC	EC	EC	EC	EC	EC	DETECTORS TO BE FACTORY INSTALLED IN NEW RTUS, ALL OTHER
STARTERS	EC	EC	EC	EC	EC	EC	 WIRING TO BE PLENUM CABLE AS ALLOWED BY GOVERNING AUTHO
FIRE ALARM SYSTEM EMERGENCY CONTROL SYSTEM, INCLUDING CONTROLS	EC EC	EC EC	EC EC	EC EC	EC EC	EC EC	EMT IF NOT ALLOWED)
COMMISSIONING	GC/EC	N/A	GC/EC	N/A	N/A	N/A	
VAC							
PACKAGED ROOFTOP UNITS & ROOFTOP UNIT CURBS, CURBS INCLUDES, 4 LAYERS OF 1", 3 LB. DENSITY DUCT LINER BOARD	MC	MC	MC	MC	MC	MC	CONDUITS BY EC, STATUP BY MC, 1ST YEAR LABOR WARRANTEE BY
AND 4 LAYERS OF 1/2" GYP BOARD (factory installed)							WALL TEMP SENSORS INSTALLED BY EC/MC
ROOF CURBS/PLATFORMS FOR CINERGY AND HVAC EQUIPMENT GRILLES, REGISTERS AND DIFFUSERS	MC MC	MC MC	MC MC	N/A N/A	N/A N/A	N/A N/A	
FIRE AND FIRE/SMOKE DAMPERS IN SPECIFIED UNITS	MC	MC	MC	EC	EC	EC	
ELECTRIC HEATERS HVAC TEST AND BALANCE (T & B)	MC CINERGY	MC N/A	MC N/A	MC N/A	MC N/A	MC N/A	CONDUITS BY EC CINERGY TO HIRE COMPANY; GC TO SCHEDULE TESTING
HVAC EQUIPMENT START-UP	MC	N/A	N/A	N/A	N/A	N/A	
MISC. MOTORIZED DAMPERS (NOT IN FANS) SPLIT SYSTEMS, REFRIGERANT PIPING AND CONTROLS	MC MC	MC MC	MC MC	MC MC	MC MC	MC MC	INSTALLED PER MANUFACTURER'S RECOMMENDATIONS & REQUIR
EXHAUST FAN MOTORIZED DAMPERS -EXCEPT KITCHEN FANS KITCHEN HOODS, MAKE-UP AIR UNITS, FANS, HOOD CONTROLS,	MC	MC	MC	MC	MC	MC	LINE VOLTAGE
FIRE SUPPRESSION, ETC. SYSTEMS & CURBS ASSOCIATED WITH	CINERGY	MC/EC	MC/EC	MC/EC	MC/EC	MC/EC	SEE ARCHITECTURAL MATRIX OF RESPONSIBILITY FOR COMPLETE
THE KITCHEN EXHAUST FANS, ROOF HOODS, & ASSOCIATED CURBS	MC	ATCS	MC	MC	MC	MC	OF WORK AND DESCRIPTION OF WHAT IS FURNISHED BY CINERGY/
AUTOMATIC TEMPERATURE CONTROLS (ATCS) - LENNOX	MC	ATCS	ATCS	ATCS	ATCS	ATCS	FURNISHED BY EQUIPMENT MANUFACTURER, ALL CONDUIT, 120v P
LCONNECTION CONTROL SYSTEM LENNOX LCONNECTION CONTROLLER WITH REMOTE SENSORS							SEE MEP0.2. FURNISHED BY EQUIPMENT MANUFACTURER, ALL CONDUIT, 120v P
(TEMPERATURE AND CO2)	ATCS	ATCS	ATCS	ATCS	ATCS	ATCS	SEE MEP0.2. SENSORS FURNISHED BY RTU MANUFACTURER
MISC. CONTACTORS, RELAYS WALK-IN FREEZER/COOLER REFRIGERANT LINES	EC MC	EC MC	EC MC	EC N/A	EC N/A	EC N/A	LIGHTING CONTROL BY EC, PHOTOCELLS BY EC.
WALK-IN FREEZER/COOLER ROOFTOP CONDENSING UNITS	CINERGY	MC	MC	EC	EC	EC	EC-HOOKUP
ICE MAKER REFRIG. LINES ICE MAKER ROOF TOP CONDENSERS	MC CINERGY	MC MC	MC MC	N/A EC	N/A EC	N/A EC	
ICE MAKER & BIN	CINERGY	CINERGY/PC		N/A	N/A	N/A	EC-HOOKUP
							GC TO CONTACT CAPTIVEAIRE REPRESENTATIVE TO PROVIDE HOOI TESTING AND COMMISSIONING (POSSIBLE LEAD TIME ITEMCONTA
	GC/MC/EC	N/A	GC/MC/EC	N/A	N/A	N/A	DISCUSS EARLY). THE MC AND EC SHALL PROVIDE ON SITE STAND-
CAPTIVEAIRE COMMISSIONING							DURING THE COMMISSIONING
lumbing DRINK SYRUP CHASES	PC	PC	PC	N/A	N/A	N/A	
3 COMPARTMENT SINKS	CINERGY	PC	PC	N/A	N/A	N/A	
CONCESSION HAND SINKS CONCESSION WATER FILTERS	CINERGY N/A	PC N/A	PC N/A	N/A	N/A	N/A	
	CINERGY	CINERGY	CINERGY	NA	NA	NA	REFER TO NOTE #10, CONDUIT BY PC; GC TO INSTALL CO2 FILL STA
BULK CO2 DRINK CO2 SYSTEM CONDUITS	PC	PC	CINERGY	N/A	N/A	N/A	TILT WALL CONDUIT BY PC, SEE NOTE 10 BELOW
DRINKSYRUP CHASES	PC	PC	PC	N/A	N/A	N/A	
BULK CO2 CONDUIT WATER HEATERS	PC PC	PC PC	CINERGY PC	N/A EC	N/A EC	N/A EC	CONDUIT BY PC, SEE NOTE 10 BELOW CONDUIT BY PC
PUMPS eneral	PC	PC	PC	EC	EC	EC	CONDUIT BY PC
TRASH COMPACTOR	CINERGY	GC	GC	N/A	N/A	N/A	ENCLOSURE AND PAD BY GC/POWER & FINAL CONNECTION BY EC
DIVISION 15 SYSTEMS COMMISSIONING DIVISION 16 SYSTEMS COMMISSIONING	GC	GC	GC	N/A	N/A	N/A	
DIVISION TO STSTENIS CONNINTSSIUNING	GC	GC	GC	N/A	N/A	N/A	

MATRIX OF RESPONSIBILITY

NOTE 3: LEGEND: EC - GC's ELECTRICAL CONTRACTOR MC - GC's MECHANICAL CONTRACTOR GC - GENERAL CONTRACTOR PC - GC's PLUMBING CONTRACTOR

CINERGY - CINERGY ENTERTAINMAENT ATCS - MC'S AUTOMATIC CONTROL SYSTEM CONTRACTOR

NOTE 4. IN THE EVENT OF CONFLICTS BETWEEN THIS LIST AND THE DRAWINGS/SPECIFICATIONS, THIS MATRIX SHALL TAKE PRECEDENCE.

T & B - CINERGY'S TEMPERATURE, ADJUST & BALANCE CONTRACTOR

NOTE 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RECEIVE, OFF-LOAD, STORE, AND DISPOSE OF DEBRIS, INSURE, CARRY UP, AND SET IN PLACE ALL

ITEMS AND EQUIPMENT FURNISHED BY OTHERS UNLESS SPECIFICALLY NOTED OTHERWISE. NOTE 6. ALL CONDUIT, JUNCTION BOXES, WIREWAY'S, ETC. SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

NOTE 7. UNLESS SPECIFICALLY NOTED OTHERWISE ABOVE, ALL MATERIALS AND EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR.

NOTE 8. PROVIDE PULL STRING IN ALL EMPTY CONDUITS NOTE 9. MAIN TELEPHONE CONDUIT WITH 50 PAIR CABLE FROM SITE TELEPHONE SERVICE TO TELEPHONE BACKBOARD BY EC

NOTE 10. 3" PVC CHASE FROM CO2 ROOM TO CONCESSION WORKROOM BY PLUMBING CONTRACTOR NOTE 11: 1ST YEAR LABOR WARRANTEE BY CONTRACTOR - REFER TO SPECIFICATIONS.

NOTE 12: IN THE EVENT THAT THE PROJECT IS BID AS A UNION PROJECT, THE TRADE CONTRACTOR IS TO BE RESPONSIBLE (SHALL BE INCLUDED IN THE COST) FOR EMPLOYING THE PROPER TRADESMAN PER UNION JURISDICTION. THE CONTRACTORS ARE ALSO RESPONSIBLE FOR TAKING WHATEVER MEASURES THAT MAY BE NECESSARY, INCLUDING COMPOSITE CREWS TO SETTLE ANY LABOR DISPUTES AND INSURE JOB CONTINUITY AT NO ADDITIONAL COST TO THE CINERGY. SHOULD QUESTIONS OF UNION JURISDICTION ARISE, THE CONTRACTOR SHALL IMMEDIATELY TAKE STEPS TO SETTLE SUCH DISPUTES AND WILL USE SUCH LABOR AS MAY BE DETERMINED TO HAVE JURISDICTION, AT NO ADDITIONAL COST TO THE CINERGY OR CONSTRUCTION MANAGER. SHOULD HE FAIL TO TAKE EXPEDITIOUS ACTION, HE WILL BE

RESPONSIBLE FOR TIME LOST AND MONETARY DAMAGES BECAUSE OF DELAYS ARISING FROM SUCH DISPUTES. IN THE ABOVE MATRIX, WHERE THE EQUIPMENT, INSTALLATION, WIRING INSTALLATION, OR FINAL WIRE CONNECTION IS NOTED AS BEING BY OTHER THAN A TRADE CONTRACTOR, THE CONTRACTOR SHALL EITHER INCLUDE THE COST OF THAT WORK OR SHALL INCLUDE THE COST OF STANDBY TIME SO THE WORK MAY BE PERFORMED BY OTHERS

-	ons require all submittals within 45 days of contract award	
-	awings to be electronic: one pdf file for each cut sheet submittal, AutoCad L nd fire alarm drawings. One email per submittal.	OWG files for
		GC Submittal
Trade	Shop Drawing	Number
Sprinklers	Equipment & Sprinkler Cut-Sheets	15300-01
5	Hydraulic Calculations	15300-02
	AutoCAD Drawings of floor Plans	15300-03
	PDF Drawings of Floor Plan	15300-04
	Sprinkler As-Built AutoCAD Drawings & PDFs	15300-05
Plumbing	Equipment Cut Sheets	15400-01
4	Fixture Cut Sheets	15400-02
	Insulation Cut Sheets	15400-03
	Materials Cut Sheets	15400-04
HVAC	RTUs, RTU Curbs, Vibration Isolation Cut Sheets,	15500-01
12	Exhaust Fans, Roof Hoods and associated curbs cut Sheets	15500-02
14	D/X split systems	15500-02
	Grilles, registers, diffusers	15500-04
	Refrigeration Equipment platforms	15500-05
	Insulation Cut Sheets	15500-06
	Flex Ducts	15500-08
	Dampers (fire, motorized, manual,etc.)	15500-09
	Poper/Expanded Food Exhaust Hood Cut Sheets	15500-10
	Misc: electric wall heaters, air curtains.	15500-11
	Automatic Temperature Control System (ATCS) Cut Sheets	15500-12
	The second secon	
Electrical	Auditorium and Projection Booth Light Fixture & LAMPS Cut Sheets	16050-01
11	All Light Fixture & LAMPS Cut Sheets except auditorium and projection	16050-02
	SWITCHGEAR/PANELS/TRANSFORMERS/CONTACTORS CUTSHEETS	16050-03
	Wiring Devices and Cover Plates	16050-04
	Low Voltage Cables Cut sheets	16050-05
	Aisle Lighting Product Data and Drawings	16050-06
	Fire Alarm Equipment	16400-01
	Fire Alarm DWG Floor Plans, Risers, Battery, Voltage Drop Calculations	16400-02
	Eine Der Eine Diese Deutschaft von Der Geleicht	40400 02

Fire Alarm PDF Floor Plans, Risers, Battery, Voltage Drop Calculations

Fire Alarm As-Built AutoCAD Drawings & PDFs

PA Speaker product Data and cable

		MECHANICAL LEGEND	ELECTRICAL LEGEND		
SYN	ИBOL	DESCRIPTION	SYMBOL	DESCRIPTION	
	$\overline{}$	FLOOR CLEAN OUT		2'x4' FLUORESCENT FIXTURE (SUBSCRIPT DENOTES FIXTURE TYPE, TYPICAL ALL FIXTURES)	
		WALL CLEAN OUT		· · · · · · · · · · · · · · · · · · ·	
	2	FLOOR DRAIN OR FLOOR SINK AS INDICATED		2'x2' FLUORESCENT FIXTURE	
<u> </u>		VENT LINE		2'x4' FLUORESCENT FIXTURE (EMERGENCY CIRCUIT)	
		DOMESTIC COLD WATER HOT WATER SUPPLY		2'x2' FLUORESCENT FIXTURE (EMERGENCY CIRCUIT)	
		FILTERED WATER SUPPLY		, , , , , , , , , , , , , , , , , , ,	
		STORM DRAINAGE (SD)		1'x4' FLUORESCENT FIXTURE	
		SANITARY SEWER		1'x4' FLUORESCENT FIXTURE (EMERGENCY CIRCUIT)	
	NG —	GAS LINE		RECESSED DOWN LIGHT	
	ws —	CONDENSER WATER SUPPLY		RECESSED DOWN LIGHT (EMERGENCY CIRCUIT)	
	WR —	CONDENSER WTAER RETURN	<u> </u>	WALL MOUNTED FIXTURE	
	HWS —	CHILLED WATER SUPPLY	<u> </u>	WALL MOUNTED FIXTURE (EMERGENCY CIRCUIT)	
	HWR —	CHILLED WATER RETURN	•	2'x2' FLUORESCENT FIXTURE	
		EXISTING VENT LINE	┪╽	2'x2' FLUORESCENT FIXTURE	
		EXISTING DOMESTIC COLD WATER	₩ 😥 😥	SINGLE AND DOUBLE FACED EXIT SIGNS	
		EXISTING HOT WATER SUPPLY		SINGLE AND DOUBLE FACED EXIT SIGNS. FACES SHADED INDICATE DIRECTION OF STENCIL. ARROWS DETERMINED IN FIELD	
		EXISTING STORM DRAINAGE	 		
		EXISTING SANITARY SEWER	φ	EMERGENCY LIGHTING UNIT, BATTERY UNIT NO HEADS DUPLEX RECEPTACLE	
1	NG	EXISTING GAS LINE	1 M	DOUBLE DUPLEX RECEPTACLE (QUAD—PLEX)	
////	/////	EXISTING PIPING TO BE REMOVED	φ	SINGLE RECEPTACLE	
	a	SUPPLY AIR DIFFUSER	-	DEDICATED DUPLEX RECEPTACLE	
			Ψ GPI	DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE WITH ISOLATED GROUND	
<u>ا</u>		RETURN AIR GRILLE	J - H	JUNCTION BOX, CEILING MOUNTED	
=	<u>_</u>	SIDE WALL REGISTER	Ψ	JUNCTION BOX, WALL MOUNTED	
4	ᢖᅦ	SPIN-IN FITTING	J	JUNCTION BOX, FLOOR MOUNTED	
			<u>/</u> W/ 4	MOTOR DISCONNECT, NON-FUSED	
		RECTANGULAR DUCT TAP W/ BALANCING DAMPER		DISCONNECT, FUSED	
Į		RECTANGULAR DUCT TAP W/ BALANCING DAMPER, SQUARE TO ROUND TRANSITION	\boxtimes	MOTOR STARTER	
		SQUARE TO ROUND TRANSITION	I I I	TRANSFORMER	
($^{\oplus}$	HUMIDITY SENSOR	TC	TIME CLOCK	
(Ð	THERMOSTAT	6	HIGH VOLTAGE PANEL BOARD	
(3	TEMPERATURE SENSOR		LOW VOLTAGE PANEL BOARD	
				TELEPHONE TERMINAL BOARD	
	0	CO2 SENSOR	▼ w	TELEPHONE OUTLET WALL TELEPHONE OUTLET WALL (ADA HEIGHT)	
]		FLEX DUCT RUNOUT TO DIFFUSER	∇	DATA OUTLET	
	_}	DUCTWORK (SEE SPECS. & DETAILS FOR EXCEPTIONS)	<u> </u>	CLOSED CIRCUIT TELEVISION CAMERA	
		<u> </u>	B/R	PASSIVE INFRA-RED MOTION DETECTOR	
	$X] \mid \cdot $	GRAVITY INTAKE HOOD	PA	PUBLIC ADDRESS — RECESSED SPEAKER FOR LIFE SAFETY SYSTEM	
╚			PA PA	PUBLIC ADDRESS AMPLIFIER LIFE SAFETY SYSTEM	
	2	GRAVITY RELIEF HOOD			
<u> </u>			ET TS	TAMPER SWITCH	
FD-		FIRE DAMPER (fd)	FS	FLOW SWITCH	
SD-		SMOKE DAMPER (SD)	F	MANUAL PULL STATION	
		5 L. (65)		HORN WITH STROBE LIGHT	
\s		COMBINATION FIRE & SMOKE DAMPER F/S		HORN	
		RETURN DUCT DOWN	SK	SPEAKER/STROBE, 100 CAND	
	×/1	SUPPLY DUCT DOWN	<u>\$</u>	IONIZATION SMOKE DETECTOR	
		RETURN DUCT UP	S _D	DUCT SMOKE DETECTOR	
		NETONIA DOCT OF	- I I	THERMAL DETECTOR, HT (HIGH TEMP.)	
		SUPPLY DUCT UP	\bigcirc		
			1	THERMOSTAT	
		SUPPLY DUCT UP	① 学	THERMOSTAT REMOTE INDICATING LIGHT	
		SUPPLY DUCT UP EXISTING DUCT OR EQUIPMENT	① · · · · · · · · · · · · · · · · · · ·	THERMOSTAT REMOTE INDICATING LIGHT ANNUNCIATOR PANEL	
		SUPPLY DUCT UP EXISTING DUCT OR EQUIPMENT ROOF MOUNTED EXHAUST FAN	(T) (ANN) (S)	THERMOSTAT REMOTE INDICATING LIGHT ANNUNCIATOR PANEL WALL SWITCH	
		SUPPLY DUCT UP EXISTING DUCT OR EQUIPMENT ROOF MOUNTED EXHAUST FAN CABINET EXHAUST FAN ROUND DUCT DIMENSION	(D) (ANN) (S) (S) (S) (S) (S) (S) (S) (S) (S) (S	THERMOSTAT REMOTE INDICATING LIGHT ANNUNCIATOR PANEL WALL SWITCH THREE WAY SWITCH	
ABB	Ø Ø Ø	SUPPLY DUCT UP EXISTING DUCT OR EQUIPMENT ROOF MOUNTED EXHAUST FAN CABINET EXHAUST FAN ROUND DUCT DIMENSION ONS	(ann) \$ \$3 \$\$c	THERMOSTAT REMOTE INDICATING LIGHT ANNUNCIATOR PANEL WALL SWITCH THREE WAY SWITCH RECESSED CONTACT SWITCH	
ABB TYP RA	Ø PREVIATI - TYP - RETU	SUPPLY DUCT UP EXISTING DUCT OR EQUIPMENT ROOF MOUNTED EXHAUST FAN CABINET EXHAUST FAN ROUND DUCT DIMENSION ONS	(D) (ANN) (S) (S) (S) (S) (S) (S) (S) (S) (S) (S	THERMOSTAT REMOTE INDICATING LIGHT ANNUNCIATOR PANEL WALL SWITCH THREE WAY SWITCH	

BID ALTERNATE MEP A CONTRACTORS SHALL PROVIDE ADDED REDUCTION TO FURNISH AND INSTALL LENNOX LANDMARK ROOFTOP UNITS IN LIEU OF LENNOX ENERGENCE RTUS AND PROVIDE THE FOLLOWING: LANDMARK UNITS TO BE FURNISHED WITH NON-FUSED DISCONNECT SWITCHES.

VTR — VENT THRU ROOF UTR— UP THRU ROOF

HW - HOT WATER

DN - DOWN

FLR - FLOOR

AFF - ABOVE FINSHED FLOOR

FW - FILTERED WATER HWC - HOT WATER RECIRCULATED SA - SUPPLY AIR XFER - TRANSFER

CW - COLD WATER

RA – RETURN AIR

EX — EXHAUST AIR

 CONVENTIONAL THERMOSTAT INTERFACE. CONTRACTOR FURNISHED AND FIELD INSTALLED RETURN AIR SMOKE DETECTORS IN RETURN AIR DUCT ALL ITEMS SCHEDULE UNDER RTU SCHEDULE EXCEPT HACR BREAKERED DISCONNECTS, PRODIGY CONTROL BOARD, AND FACTORY INSTALLED RA SMOKE DETECTORS.

M+E GENERAL NOTES

- READ THE SPECIFICATIONS. SUBMITTALS ARE REQUIRED. 2. IN THE EVENT OF CONFLICT OR DISCREPANCES. CALL THE ENGINEER (SAM PATTON) AS SOON AS POSSIBLE AT (512)693-9015.
- 3. THE HVAC AND ELECTRICAL SYSTEMS ARE BASED ON LENNOX RTUS. 4. CONTRACTOR TO SATISFY ALL LOCAL REQUIREMENTS FOR SECURING ROOFTOP

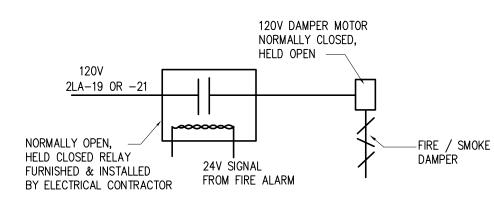
MOTOR RATED SWITCH

ATS# ASSOCIATED TIMED OVERRIDE SWITCHES.

AUTOMATIC TIME SWITCH. TORK864Z SERIES, AND

MAGNETIC HOLDER

- 5. NO PVC CONDUIT SHALL BE ROUTED IN RETURN AIR PLENUMS. THE SUBCONTRACTORS SHALL COORDINATE WORK IN THE CEILING SPACES.
- PRIORITIES SHALL BE AS FOLLOWS: LIGHTING, HVAC, SPRINKLERS IN THE EVENT OF CONFLICTS BETWEEN THE DRAWINGS AND THE SPECIFICATIONS,
- THE HIGHER COST AND GREATER QUANTITY SHALL TAKE PRECEDENCE. REFER TO THE ARCHITECTURAL SPECIFICATIONS FOR THE OWNER FURNISHED EQUIPMENT AND THE ASSOCIATED SCOPE OF WORK. ANSUL SYSTEM AND ALL INTERCONNECTED CONTROL SYSTEMS SHALL BE MONITORED SEPARATELY FOR FIRE TROUBLE, AND SUPERVISORY CONDITIONS PER NFPA



IF REQUIRED BY THE AUTHORITY HAVING JURISDICTION THE FOLLOWING SHALL OCCUR: 1. SMOKE DAMPER SHALL BE CLOSED BY ACTUATION OF A SMOKE DETECTOR INSTALLED IN ACCORDANCE WITH THE FIRE CODE AND ONE OF THE FOLLOWING APPLICABLE METHODS:

72 3-11.2.1.

- A. WHERE A DAMPER IS INSTALLED WITHIN A DUCT, A SMOKE DETECTOR SHALL BE INSTALLED IN THE DUCT WITHIN 5 FEET OF THE DAMPER WITH NO AIR OUTLETS OR INLETS BETWEEN THE DETECTOR AND THE DAMPER. THE DETECTOR SHALL BE LISTED FOR THE AIR VELOCITY, TEMPERATURE AND HUMIDITY ANTICIPATED AT THE POINT WHERE IT IS INSTALLED.
- B. WHERE A DAMPER IS INSTALLED WITHIN AN UNDUCTED OPENING IN A WALL, A SPOT-TYPE DETECTOR LISTED FOR RELEASING SERVICE SHALL BE INSTALLED 5 FEET HORIZONTALLY FROM THE DAMPER.
- C WHERE A DAMPER IS INSTALLED IN A CEILING, A SPOT-TYPE DETECTOR LISTED FOR RELEASING SERVICE SHALL BE INSTALLED ON THE CEILING WITHIN 5 FEET OF THE DAMPER. NOTE: ELECTRICAL CONTRACTOR SHALL WIRE ALL FIRE/SMOKE DAMPERS. REFER TO MECHANICAL DRAWINGS FOR QUANTITIES AND LOCATIONS. ELECTRICAL CONTRACTOR TO FURNISH & INSTALL LOCAL SMOKE DETECTOR TO ACTIVATE F/S DAMPER AS REQUIRED BY THE GOVERNING AUTHORITY ALSO APPLIES TO SMOKE DAMPERS

02 FIRE SMOKE DAMPER WIRING DETAIL
SCALE: NONE ANOLOG SMOKE DETECTOR FURNISHED & INSTALLED

800 Jackson | Suite 500 | Dallas, TX 75202

ARCHITECT

Dallas, TX 75202 Rick Walker - 214.670.0050

Dallas, TX 75219 Jett Truly - 214.871.7010

MEP ENGINEER

Austin, TX 78738 Sam Patton - 512.693.9015 Texas PE Firm Number F-584/

5G Studio Collaborative, LLC. 800 Jackson St., Suite 500

STRUCTURAL ENGINEER L.A. Fuess Partners Engineers 3333 Lee Parkway, Suite 300

EnviroDesign, Inc. 900 Ranch Rd 620 So., Suite C101-301

THE DRAWINGS & SPECIFICATIONS RETAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR

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P R O J E C T

260 Peachtree Street | Suite 500 | Atlanta, GA 30303

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SHEET DESCRIPTION MEP SYMBOLS, NOTES, DETAILS AND MATRIX OF RESPONSIBILITY