

### **Bullitt County Public Schools**

1040 Highway 44 East Shepherdsville, Kentucky 40165

502-869-8000 Fax 502-543-3608 www.bullittschools.org

**MEMO** 

TO:

Jesse Bacon 976

FROM:

Mark Mitchel

DATE:

December 5, 2018

RE:

Board Agenda Item - Approval of Design Drawings - Bullitt

Alternative Center – Studio Kremer Architects

Presented for Board approval are the design drawings relating to the Bullitt Alternative Center Security Upgrades project as prepared by Studio Kremer Architects. These are the architectural and electrical drawings required by KDE. Upon approval, the drawings will be sent to KDE for their approval and records.

I recommend the Board's approval of the design drawings prepared by Studio Kremer Architects.

Attachment:

**Architectural Drawings** 

Bleton

## Security Upgrades at BULLITT ALTERNATIVE CENTER

381 High School Drive Shepherdsville, Kentucky 40165

ska# 2018-41.01 BG# 19-047

> studio kremer architects 1231 S Shelby Street Louisville, KY 40203

PROJECT TEAM:

CONTACT: Cate Noble Ward

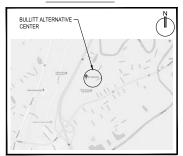
ARCHITECT:

OWNER:
Bullitt County Public Schools
1040 Hwy 44 East
Shepherdswile, KY 40165
502.869.8000
CONTACT: Mark Mitchell
MEPENGINEER:
CMTA Consulting Engineers
10411 Meeting Street
Louisville, KY 40059
502.363.3085
CONTACT: Jøremy Lewis





#### VICINITY MAP



#### **CODE INFORMATION**

BASED UPON 2013 KENTUCKY BUILDING CODE

USE GROUP: E (EDUCATIONAL)

CONSTRUCTION TYPE: II,B

# studio

#### LIST OF DRAWINGS:

#### COVER SHEET

ARCHITECTURAL:

A1.1 FLOOR PLANS AND DETAILS

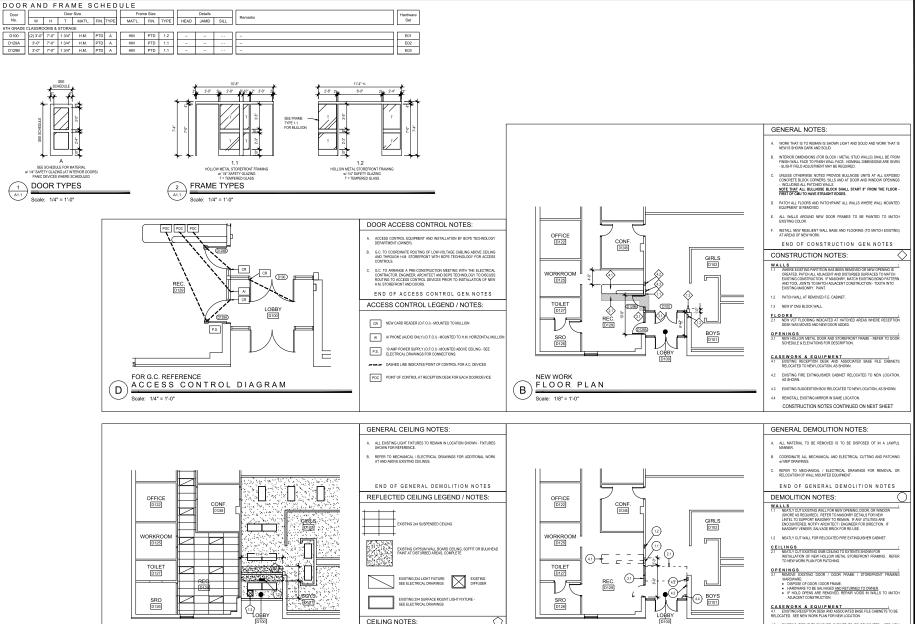
#### MECHANICAL:

M1.0 MECHANICAL NOTES AND FLOOR PLANS

#### ELECTRICAL:

E1.0 ELECTRICAL LEGEND E2.0 ELEC. DEMO - PARTIAL 1ST FLOOR E3.0 LIGHTING/POW/SYS - PARTIAL 1ST FLOOR

NOT FOR CONSTRUCTION



CEILINGS : 1.1 PATCH 1-HOUR RATED GWB CEILING TO EXTENTS SHOWN FOR INSTALLATION OF NEW HOLLOW METAL STOREFRONT FRAMING.

1.2 NEW SUPPLY DIFFUSER - SEE MECHANICAL DRAWINGS FOR SIZE AND DETAILS.

1.3 NEW UNIT HEATER SUPPLY DIFFUSER - SEE MECHANICAL DRAWINGS FOR SIZE AND DETAILS.

DEMOLITION

Scale: 1/8" = 1'-0"

FLOOR PLAN

**NEW WORK** 

Scale: 1/8" = 1'-0"

REFLECTED CEILING PLAN

uisville, KY 40203 FAX 502:499.1101 Shelby St, Loui 502.499.1100

SECURITY UPGRADES AT
BULLITT ALTERNATIVE CENTER
381 HIGH SCHOOL DRIVE FLOOR PLANS

BG# 19-047

DOCUMENT

8

100%

DATE: 12.05.2018 DRAWN BY: CNV

EXISTING FIRE EXTINGUISHER CABINET TO BE RELOCATED. SEE NEW WORK PLAN FOR NEW LOCATION.

4.3 EXISTING SUGGESTION BOX TO BE RELOCATED. SEE NEW WORK PLAN FOR NEW LOCATION.

4.4 UNINSTALL EXISTING MIRROR AND GIVE TO BAC SCHOOL STAFF

END OF DEMOLITION NOTES

CHECKED BY: CNW REVISIONS: CONSTRUCT 2018-41.01

A1.1

EACH CONTRACTOR, SUPPLIER AND, OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT
AND CORROWATE ACCORDINGLY SO AS TO BISSURE ADDIQUEOUS OF FIT, COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE
AND CURRENT CHARACTERISTICS AND AVOID CONFLICT WITH ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP
DRAWNINGS.

ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC., MAY NOT BE INDICATED, BUT SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOMANCES SHALL BE INCLUDED FOR SAME AT EACH PROPOSERS' DISCRETION.

OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.).

ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT DONE SO SHALL BE REMOVED AND REINSTALLED SATISFACTORILY.

WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENONEERS BEFORE INSTALLATION. REFER ALSO TO ARCHITECTURAL WALL INTERIOR AND EXTERIOR WALL ELEVATIONS, CEILING HEIGHTS AND OTHER DETAL OF THESE DOCUMENTS.

DO NOT SCALE FROM DRAWINGS, PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.

This contractor shall be responsible for all cutting and patching required for his work. All cutting and Patching shall match adiacent surfaces.

8. THESE DRAWINGS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE, HOWEVER LOCATIONS, DEPTHS, ELEVATIONS AND SIZES WERE TAKEN FROM DIFFERENT SOURCES AND ARE SUBJECT TO DEVAILON. THE CONTRACTOR SHALL ASSUME SOME DEVANDORS AND INCLUDE OFFSETS, ADDITIONAL PRINC, ETC. AT THE TIME OF BID. WHERE PENETRATING MATERIALS USED FOR WEATHERPROOFING THE BUILDING, MAKE SUCH PENETRATIONS IN A WAY THAT MILL NOT VOID OR DIMINISH THE MARRANTY OR INTEGRITY IN ANY WAY. COORDINATE ALL SUCH PENETRATIONS WITH THE

Advise the engineers of any conflicts, errors, omissions, etc. At least ten days prior to bid date, to allow clarification by written addenous.

11. DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES PRIOR WRITTEN APPROVAL FROM THE ENGINEERS AND MUST BE SUBMITTED IN WRITING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE.

12. COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, ETC. WITH ALL MECHANICAL ROOM EQUIPMENT, ETC. PROR TO COMMERCING INSTALLATION, WORK NOT SO COORDINATED SHALL BE REMOVED AND PROPERLY INSTALLED AT THE EXPENSE OF THE RESPONSEE CONTRACTOR(S).

THE PURPOSE AND INTENT OF ALL THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.

14. ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROLARONG SYSTEMS IN AN APPROVED MANGER, NOISY OR STRUCTURALLY DAMAGING, INSTALLATIONS SHALL BE SURSEKCTORLY REPLACED OR REPRINKED AT THE INSTALLANCE CONTINUAÇION'S DEPOISE. THE FINAL DECISION ON THE SURFABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE DINNERS.

Install Equipment, Materials, etc. in strict accord with manufacturer's recommendations and directions. In Conflict with the design indicated in Contract documents, advise the engineers prior to installation for classication.

16. ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES, EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE. IN WRITING.

17. DEVAITIONS IN SIZE, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT FRIME SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVAITION, WHETHER APPROVIDE BY THE EMPRISERS OR NOT, STALL BE THE RESPONSIBILITY OF THE PURCHASER.

18. THE CONTRACTORS FOR THIS CONSTRUCTION ARE RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING AND TIMELINESS OF THE WORK OF ALL TRADES, SUPPLIERS, INSTALLERS, ETC.

19. VALVES OR ANY MECHANICAL/ELECTRICAL ITEM SHALL NOT BE LOCATED ABOVE A HARD CEILING. IF THIS IS NOT POSSIBLE, THEN AN APPROPRIATELY SIZED ACCESS DOOR SHALL BE PLACED UNDER THE ITEM TO ALLOW EASY MAINTENANCE AND ADJUSTBLOST.

20. THE CONTRACTORS SHALL ENSURE PROPER COORDINATION BETWEEN ALL TRADES SUCH THAT CONDUITS, PIPING, ETC. DO NOT BLOCK ACCESS TO WAIVES, EQUIPMENT, ACCESS DOOR, ITC. ITEMS THAT HAVE BEEN INSTALLED WHERE ACCESS IS COMPROMISED SHALL BE RELOCATED AT THE CONTRACTOR'S EMPENSE.

21. ALL WIRING SHALL BE PLENUM RATED.

#### **MECHANICAL LEGEND** SUPPLY AIR DUCT - INSIDE DIMENSION 20"HORZ.X12"VERT. (TURNED UP/DOWN) AROVE FINISHED CEILING 20X12 SA 🔀 AFF ABOVE FINISHED FLOOR RETURN AIR DUCT - INSIDE DIMENSION - (TURNED UP/DOWN) 20X12 RA AFF RELOW EINISHED FLOOR TYPICAL 20X12 EA EXHAUST AIR DUCT - INSIDE DIMENSION - (THRNED HP/DOWN) NTS NOT TO SCALE OUTSIDE AIR DUCT - INSIDE DIMENSION - (TURNED UP/DOWN) 20X12 0A 🔀 NORMALLY OPEN NO NC NORMALLY CLOSED FLEXIBLE DUCT TCC TEMPERATURE CONTROL CONTRACTOR [] AD ACCESS DOOR IN BOTTOM OF DUCT $\bigcirc$ OPPOSED BLADE DAMPER (MOTORIZED) $\ominus$ MECHANICAL EQUIPMENT DESIGNATOR VOLUME DAMPER (MANUAL) I P FIRE DAMPER WITH DUCT MOUNTED ACCESS DOOR

(T)

 $\mathsf{D}_\mathsf{S}$ 

REGISTERS, GRILLES, AND DIFFUSERS							
SYMBOL	MANUFACTUER & MODEL	MATERIAL & TYPE	CFM RANGE	INLET DUCT SIZE	FACE SIZE	NECK SIZE	REMARKS
S-1	TITUS TDC-AA A2	EXTRUDED ALUMINUM LOUVERED FACE TWO WAY THROW	0-400	10''ø	26X14	24"X12"	1, 2, 3

<u>REMARKS:</u> 1. Provide with factory insulated supply plenum with inlet neck size listed. Tap round duct into full size supply plenum.

ROOF TOP UNIT TAG

INDICATES AIR DISTRIBUTION DEVICE SPECIFICATION (L=LOUVER, T=TRANSFER GRILLE, S=SUPPLY DIFFSER OR REGISTER, R=RETURN GRILLE OR REGISTER, E=

EXHAUST GRILLE OR REGISTER)

TAG NOTES

TEMPERATURE SENSOR

DEMOLITION TO POINT

CONNECT TO EXISTING

DUCT-MOUNTED SMOKE DETECTOR

PRIOR TO DEMOLITION, CONTRACTOR SHALL RECORD ARFLOW MEASUREMENT AT EXISTING SUPPLY GRILLE AND REPORT MEASUREMENT TO ENGINEER. 2. DEMOLISH EXISTING GRILLE AND DUCTWORK BACK TO

WHEN IN THE PARTY IN CELLIG. SUPPORT FROM STREETING FOR MANIFICATIONS'S INSTRUCTIONS FOR THE PARTY INTERPLOTE HEATER WHITE FEATURE PREMISSIAN ON MALL HEATER SHALL DEFROEZ WHEN SPACE IS BELOW YOT (OLD.). PROVIDE PREMISSIAN WITH COURSE CLEAR POLICIAISMANT COVER. FORWARD HEATER WHITH CELLING EQUIPMENT OF MANIFICATION OF THE PARTY INTERPLIES AND THE PARTY INTERPLIES.

ELECTRIC UNIT HEATER				
SYMBOL	UH-1			
MANUF. & MODEL	MARKEL 3480 SERIES			
MOUNTING TYPE	RECESSED CEILING			
IOMINAL ARFLOW (CFM)	425			
LECTRICAL CONNECTION	2087 / 3# / 60			
HEATING	CAPACITY			
EAT	37F			
TOTAL HEAT (KW)	5.0			
FLA	13.9			
REMARKS	1,2,3,4,5,6			
REMARKS:				

BEMANS:

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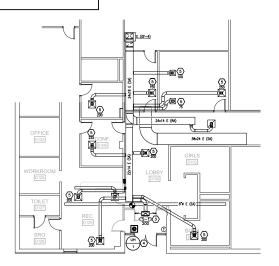
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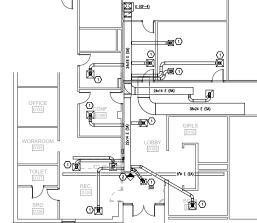
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MECHANICAL NEW WORK FLOOR PLAN

Scale: 1/8" = 1'-0"

MECHANICAL DEMOLITION FLOOR PLAN

DOCUMENT <u>N</u> CONSTRUCT 100%

M1.0

OF KEN OF





SECURITY UPGRADES AT BULLITT ALTERNATIVE CENTER 381 HIGH SCHOOL DRIVE SHEPHERDSVILLE, KENTUCKY 40165

MECHANICAL NOTES AND FLOOR PLANS

BG# 19-047

DATE: 12.05.2018 DRAWN BY: CAH CHECKED BY: JRE REVISIONS:

2018-41 01

. DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES PROR WRITTEN APPROVAL FROM THE ENGINEERS AND MUST BE SUBMITTED IN WRITING NO LATER THAN TEN DAYS PRIOR TO THE BID DATE.

OBSERVE ALL APPLICABLE CODES, RILES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.). . MOUNTING HEIGHTS FOR WALL MOUNTED DEVICES INDICATED ABOVE FINISHED FLOOR ARE TO CENTER OF DEVICE U.N.O. MOUNTING HEIGHTS TO CELLING SUSPENDED DEVICES ARE TO BOTTOM OF DEVICE U.N.O.

INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADMSE THE ENGINEER PRIOR TO INSTALLATION FOR CLAMPICATION

M. DO NOT RECESS PANELBOARD TUBS OR OTHER FLUSH-MOUNTED EQUIPMENT IN WALLS THAT HAVE A FIRE RATING. NO INSTALLATION SHALL DIMINISH OR VOID FIRE RESISTIVE RATINGS IN ANYMAY.

. THE PURPOSE AND INTENT OF ALL OF THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, LIKE-NEW FACILITY, ANYTHING LESS SHALL BE UNACCEPTABLE.

. ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIVE MANNER. WORK NOT MEETING THIS CRITERION SHALL BE REMOVED AND REDISTALLED SATISFACTORILY. FINAL DETERMINATION OF THE ACCEPTABILITY OF THE QUALITY OF WORK RESIDES WITH THE ENGINEER.

. ALL WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE FULLY QUARANTEED FOR ONE FULL CALENDAR YEAR FROW THE DATE OF SUBSTANTIAL COMPLETION AS DOCUMENTED BY THE DIAGREER, UNLESS, LONGER, WARRANTY PERIODS FOR DOUMPMENT ARE SPECIFIED.

. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES, CASH CONTRIBUTIONS OF OTHER COSTS THAT THE UTILITY COMPANY MAY REQUIRE TO COMPLETE THEIR WORK. (ELECTRIC, TELEPHONE, TELEWISION, DATA, ETC.).

 COORDINATE WITH ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND CASEMORK DETAILS FOR LOCATION OF ADDITIONAL RECEPTACIES, UTILITY OUTLETS, ELECTRICAL DEVICES, ETC. U. CEUING-MOUNTED ELECTRICAL DEWCES SHALL BE CENTERED IN 2'X2' CELING TILE AND INSTALLED CRITERED ON 2' DIMENSION OF 2'X4' TILE AND ON CENTERLINE OR A QUARTER POINT ON 4' DIMENSION.

ANY VIBRATING, OSCILLATING OR OTHER NOSE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER, NOSY OF STRUCTURALLY MANNERS HALL BE ASSTRUCTION FREPLACED OR REPORT AT THE METALITY OF CONTRACTIONS SHALL BE ASSTRUCTION ON THE STATEMENT OF A PARTICULAR INSTRUCTION STRUCTURAL TONS ACCOUNTEDING THE STATEMENT OF A PRICEIDARY INSTRUCTATION STRUCTURAL TONS ACCOUNTEDING THE STATEMENT OF THE MOTION OF OF THE MOT

N. CHECK ALL THREE PHASE MOTORS WITH A PHASE ROTATION METER, PRIOR TO PLACING IN SERVICE.

X. PROVIDE DETAILED SHOP DRAWINGS TO ENGINEER PRIOR TO PURCHASING OR INSTALLING ANY FOURPHENT.

f. DEVATIONS IN SIZES, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT PRIME SPECIFED SHALL BE: THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. MAY PROVISIONS REQUIRED TO ACCOMMODATE A DEVANTION, INHERHER APPROVED BY THE DISCHER OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.

. THE CONSTRUCTION MANAGER, GENERAL CONTRACTOR, OR WHOMEVER HOLDS THE PRIME CONTRACT(S) FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SOFEMULING AND TRALLERSS OF THE WORK OF ALL ITEMES, CONTRACTORS, SPIPLIESS, INSTALLERS, ETT. POOR OR UNITILEY WING ON THE PART OF ANY SUCCONTRACTOR SHALL BE RESOUNDED THE PARTY AND DISAGREE THEU ON THIS PROJECT.

AA, WIERE MOUNTING HEISHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY OTHER BUILDING SYSTEM, CONTACT THE ENGINEER BEFORE AFFECTING INSTALLATION. REFER ALSO TO ARCHITECTURAL INTERIOR AND EXTERNOR LEVATIONS, CELLING HEIGHTS AND OTHER DETAILS O THESE DOCUMENTS. AS APPLICABLE.

SWITCHES

DIAMER SWITCH

FOUR-WAY SWITCH KEYED SWITCH

OCCUPANCY SENSOR SWITCH

MOMENTARY CONTACT SWITCH H.O.A. 3-POSTION SWITCH

VACANCY SENSOR, CEILING MOUNT

PHOTO-CELL AS NOTED OCCUPANCY SENSOR, CELLING MOUNT

SIMPLEX RECEPTACLE

VACANCY SENSOR SMITCH

NIGHT LIGHT SWITCH WITH CONSTANTLY ILLUMINATED I

Light smitch for under-cabinet lights rlumnated hancle light smitch (Llumnated when load is off) Low voltage womentary switch

PLOT LIGHT SWITCH (LLLIMINATED WHEN LOAD IS ON)
TIMER SWITCH: 0-15 MIN. W/ HOLD SETTING
TORK #4500 SERIES.

NON-REVERSING 10 MOTOR STARTER SNAP SWITCH

EMERGENCY AUTOMATIC TRANSFER SWITCH FOR LIGHTING CONTROLS (REFER TO DETAIL)

POMER CAUTLETS

\$ SL

\$3

\$06

∫ \$vs

SLV

\$ MC

Su.

**®** 

ER

SURGICAL LIGHT INTENSITY CONTROL

BB. WHERE FIRE—RATED CELING ASSEMBLIES ARE NOTED, PROVIDE UL—LISTED FIRE—RATED CYPSU-BOARD OR PRE—MANUFACTURED ENCLOSURES ABOVE LUMINARIES, CELING DEVICES, ETC. IN OR ON CELING. AS RECURRED TO MANUFAIN CELING RATHINS.

CC. COORDINATE THE LOCATION OF DRAINS, ELECTRICAL OUTLETS, GAS OUTLETS, ETC. WITH ALL CASSMORK, KITCHEN EQUIPMENT, WICHARCAL ROOM EQUIPMENT, ETC. PRICE TO COMMENCING INSTALLATION. WITH KIT SUCCESSIONALIES SHALL BE REMOVED AND PROPERLY INSTALLED AT THE DEPORES OF THE RESPONSIBLE CONTRACTOR(S).

EE, ALL WRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPUCES, CONDUCTORS,
WEITER SINCE OR MULTI-PAR, SHALL BE INSTALLED CONTINUOUS INSOFAR AS POSSIBLE
ROYAL TERMANAL POINT TO SERVINAL GOOST.

FF. NO CONDUIT, SUPPORTS, ETC. SHALL BE RUN THROUGH ACCESS CLEARANCES OF EQUIPMENT BY OTHER TRADES (I.E. VAV BOXES). COORDINATE WITH ALL TRADES PRICE TO CONSTRUCTION

GO. ALL CONTRACTORS SMALL DERIOSE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO BURKER HAVE THEY ON OND INTERREPT ANY DESTINA SERVICE OF SUB-SHIVE FOR SMETT PRODUCES, AT PRINCIPLO, ATTENDED AT PRINCIPLO, ATTENDED AT PRINCIPLO, ATTENDED AT PRINCIPLO, AT PRINCIPLO, ATTENDED ATTENDED AT PRINCIPLO, ATTENDED AT

HH. ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE, DRECTLY FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES EQUIPMENT OR SUPPORTS WITHOUT BRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE. IN METIMO.

WHERE INTERRUPTING AN EXISTING UTILITY OR SERVICE DELIBERATELY OR ACCIDENTALLY, THE RESPONSIBLE CONTRACTOR SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME, PROVIDING PERLIAN THE AS NEEDED.

KK. Ruish or Pedestal Type Floor Outlets/Boxes, as noicated on Plan, shall be located by Daminson's Provided by The Architict, Unless otherwise shown on Plans. If in Doubt, Contact the Engineer Prior to Roughing-In any Work.

II. AS APPLICABLE, REFER TO ARCHITECTURAL PHASING PLANS AND IT THESE DRAWNIGS FOR SEQUENCING OF WORK, FULL EXTENT OF AR CEILING WORK, ETC. PROVIDE TEMPORARY CONNECTIONS FOR CHOI REQUIRED TO MAINTAIN SEQUENCE OF THE WORK FROM PHASE TO

NOW. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND HIS WORK. ALL CUTTING AND PATCHING SHALL BE IN ACCORDANCE STANDARDS FOR SUCH WORK. NN. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATES
REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEER
TO INSTALLING ANY SUCH WORK.

CO. INTERRIPTION OF MAY EXISTING SERVICES SHALL BE COORDINATED CONTRACTOR, UNITED COMPANY AS NECESSARY, AND THE ACCORDINATE OF AN INFORMATION AS NECESSARY, AND THE ACCORDING OF ANTIOPATION INTERPREPATION. AS DEFEAL FOR THE DEVLOPED AND AGREED UPON RETIRECT HE PARTIES MENTIONED MODIVENING TO THE FORMER OF ANY AFFECTED PARTY. NOTEY MAY MINIOPATED SERVICES REQUIRED TWO BEDS IN ADVINACE, IN COMPANY REQUIRES A LONGER MOTHORIZOR OF DEVIOLS.

RR. ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COM-ENTION OF THE NATIONAL ELECTRICAL CODES, NATIONAL, FIRE COOL PROTECTION ASSOCIATION, THE EGOLWARDINGS OF LOCAL UTILITY OF REQUIREMENTS OF ALL COMPRIMENTAL, ACRINGES OR DEPARTMENTS ANY CONTRUCTS OR DISCREPANCES COURT HE MOST STRINGENT S

SS. DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE, IN FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE

TT. NOISY WORK, MORK OUTSIDE CONSTRUCTION BARRIERS, WORK IN SHALL BE PERFORMED AFTER HOURS OR ON MEEKENDS. COORDIN FACILITY PRIOR TO CONSTRUCTION. UU. ALL ITEMS HAWING KEYED LOCKS/OPERATORS SHALL HAVE CORED
KEYING SHALL MATCH THE OWNER'S EXISTING KEY-WAYS. COORDI
WITH OWNER PRIOR TO CONSTRUCTION.

VV. REFER TO ARCHITECTURAL PLANS FOR PHASING REQUIREMENTS, VIN PHASES PER THE PHASING PLAN AND AS COORDINATED WITH CONTRACTOR, PROVIDE ALL REQUIRED INCREMENTAL INSPECTIONS, ALL TEMPORARY SERVICES AS REQUIRED BY OWNER TO ACCOMPLIA

VM. PROVIDE NEWA RATINGS THAT ARE APPROPRIATE FOR THE ENVIRO RATING IS USEED, THE ENGINEER SHALL MAKE THE FINAL DETERM

CEBCRIPTION

LOCAL SOUND WALL MICRO-PHONE OUTLETS(# AS NOTED)

FLOOR MICRO-PHONE OUTLET : SINGLE

BAND SOUND SYSTEM SPEAKER

ACT ENGINEER	FOR DIRECTION	DUPLEX RECEPTACLE	1'-6"	<b>ĕ</b> -
		SLASH THROUGH ANY DEVICE INDICATES MOUNTING ABOVE	ACT.	Ø-,₩
D ON PLAN, SH. OTHERWISE SHO NY WORK.	ALL BE WIN ON PLANS	COUNTERTOP 4"ABOVE BACKSPLASH, NO HIGHER THAN 48"  DUPLEX WITH INTEGRAL GROUND FAULT PROTECTION	1'-6'	⊕_on
		CANC RECEPTACIE IN COMPINATION WITH SWITCH (PROVIDE	46*	⊕_c/s
PHASING BOUN REAS INVOLVED CUITS AND WOR	DARIES ON	DINDER IF LIGHTING CIRCUIT IS 277V)  QUADRUPLEX RECEPTACLE	1'-6"	⊕-
CUITS AND WOR	K AS	JUNCTION BOX	1-0	0
		VOLTAGE/16 RECEPTACLE, AS NOTED	AS NOTED	ě=
D PATCHING RE CE WITH THE A	RCHITECT'S	VOLTAGE/30 RECEPTACLE, AS NOTED	1'-6"	⊕=
		"DOG-HOUSE" TYPE TWIN DUPLEX RECEPTACLE WITH ONE DUPLEX RECEPTACLE ON BOTH SIDES.		
D TO BE EXPOS R FOR CLARIFICA	SED, OR ATIONS PRIOR	(2) HUBBELL #8300-I/R RECEPTACLES	ON CNTR.	⊕ DP
D WITH THE OF	WER, GENERAL	HUBBELL #SC3098 BOX (2) HUBBELL #SS3090 COVERS		
TECT, AT LEAST HESE OUTAGES	TWO WEEKS Shall be	QUADRAPLEX - SURGE SUPPRESION TYPE		<b>⊕</b> -ss
d to avoid un Y the utility (	inecessary Company of	WEATHER RESISTANT DUPLEX - WITH WEATHER-PROOF WHILE		⊕-•
in writing. If ( E.	UTILITY		2-2	J -
E VEIN SPACE	F ON OPPOSITE	DUPLEX FOR ELECTRIC WATER COOLER: PROVIDE OF TYPE CIRCUIT BREAKER FOR CIRCUIT SERVING WATER COOLER.		⊕= εwc
TO AND DESCRIBER  TO STATUTO FOR THE STATE OF THE MATTER PROOF THE STATE OF THE ST	⊕ FMC			
				ŀ
K WITH A PERM	MORE IHAN VANENT	MAIN CONTROL PANEL CENTRAL PROCESSING LINET (CRIT)	6'-6" TO	FACE
			TOP	_
MPLY WITH THE DOES OF THE N	CURRENT ATIONAL FIRE		LEVER	Ľ
COMPANES, AN ITS HAVING JUR	ND WITH THE SSDICTION. IF	KEY-OPERATED STATION SHALL ONLY BE OPERABLE WA KEY IN POSSESSION OF STAFF (NO HANDIE)	46° TO LEVER	FK
SHALL APPLY.			WALL	FKI
WORK SHALL BE	E LAID OUT		WALL	Fi
		VISUAL-ONLY NOTIFICATION APPLIANCE	WALL	s
ATE EXACT SCI	as, etc. Heduling with	BELL / UGHT	80"	m'
		BELL ONLY	80"	
D LOCKS/OPERA INATE EXACT RE	ATORS. ALL Folirements		ac	=
				1=
WORK SHALL BE	COMPLETED	MONITORING (SEE RISER)	as	
CERTIFICATION JSH THE PHASE	is, etc. and ng plan			20 . HD
CONVENT. WHERE	E NO NEMA			
MNATKN.		CARBON MONOXIDE DUCT DETECTOR	ABV CLG	<u> </u>
		CARBON MONOXIDE ALARM: SINGLE STATION W/SOUNDER BASE	cre	OM .
		CARBON WONDING AUDIO/VISUAL NOTIFICATION APPLIANCE	WALL	or (1
		DOOR HOLDER: WALL TYPE	WALL	DH
		DOOR HOLDER : CLOSURE TYPE	ABV DOOR	DH c
HECHT	SYMBOL		ARV CIG	100
		CONNECTION TO SPRINKLER FLOW SWITCH WITH ADDRESSABLE	74.1	
	İ	MODULE		FS
1'-4"	<b>®</b>	CONNECTION TO SPRINKLER TAMPER SMITCH WITH ADDRESSABLE MODULE		TS
r-e	<b>(</b> 1) 2,3,4	PRESSURE SWITCH		PS
		REMOTE L.C.D. FIRE ALARM ANNUNCIATOR	54"	FAA
FL00R	⊕⊭	POST INDICATOR VALVE		PTV
FL00R	<b>⊕</b> W2,W3,W4	POWER SUPPLY/CONTROL FOR AUDIO/VISUAL DEVICES	54"	NAC
SEE SPECS	<b>®</b>	GRAPHICS DISPLAY TERMINAL		(COT
SEE SPECS	ß	ISOLATION MODULE	WALL	
5'-0" 10	SS-A	ZONE ADDRESSABLE MODULE		Z
CENTER 5'-0" TO	_	H.V.A.C. SMOKE DAMPER CONNECTION		[SW]
CENTER 5'-0" 10	ss-c	FLUSH MOUNTED REMOTE ALARM INDICATING STATION/TEST	7'-6"	=
CENTER	SS-L	SWITCH	/-6"	RI
5"-0" TO CENTER	©	FREMAN'S PHONE JACK		PP PP
SEE SPECS	89	ADDRESSABLE RELAY MODULE		R
SEE DWGS	69	VANDAL-PROOF POLYCARBONATE COVER, VANDAL-PROOF COVERS SHALL BE UL LISTED FOR USE WITH THE SPECIFIC DEVICE THEY ARE PROTECTING.		PC
		DEVICE THEY ARE PROTECTING.		]

LIGHTING	HEIGHT	SWEOL	DESCRIPT ABBREVIA
REFER TO LIGHT FIXTURE SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS, MOUNTING HEIGHTS, ETC.			UNLESS OTHE OWNER FURN
SURFACE CELING FIXTURE (SLASH INDICATES RECESSED)		<u>⊕.o.¤</u>	OWNER FURN
HONT POYE		ф.о.¤ Г.О	CONTRACTOR CONTRACTOR
EMERGENCY BATTERY WALL-PACK		T. I	NDICATES EN
WALL MOUNT FOXTURE		Ф.Ю	SPECIAL C
FL000LIGHT		4	1-GANG FLOO
SURGCAL/EXAM LIGHT EXIT LIGHT (CELLING, END, WALL MOUNT)		<b>66</b> ⊗ ⊚a`x	2-GANG FLOO DATA/ONE VI
STRIP FIXTURE		<del></del>	3-GANG FLOO DATA/ONE W
CROSS-HATCHING INDICATES LIGHT IS POMERED FROM THE EMERGENCY-CRITICAL BRANCH		ໝ	
PARALLEL-HATCHING INDICATES LIGHT IS POMERED FROM THE EMERGENCY-LIFE SAFETY BRANCH		EEE	3-GANG FLOO DATA/ONE W
MBC.			FIRE RATED F
		-CONCUMD	FIRE RATED F
CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE: ARROW(S) INDICATE(S) HOME RUN & # OF ORDUITS: HASHMARKS INDICATE # OF CONDUCTORS, DASHED LINE INDICATES CONDUIT BELOW FLOOR.		NEUTRAL OA	FIRE RATED F DUPLEX RECE
INDICATES CONDUIT BELOW FLOOR.		NEUTRAL Ø	4-GANG FLOO DATA/ONE VI
DISCONNECT SMITCH	54"	Ì	OVERHEAD PI
MAGNETIC STARTER	54"	$\simeq$	OVERHEAD P
MAGNETIC COMBINATION STARTER ENCLOSED FLUSH MTD. CIRCUIT BREAKER	54" 54"	⊠ □	SPECIAL VIDE
SURFACE MOUNTED BACKBOX/WREMOLD	-	0,00	SURFACE PLI
WREWAY WITH REMOVABLE COVER (SIZE AS NOTED)	AS SHOWN	<b>₹</b> 222 <b>∤</b>	SURFACE WAS
TRENCH DUCT (SIZE AS NOTED)	AS SHOWN		POWER POLE
PUSHBUTTON STATION CONTINUATION	46"	•	TELEMBO
PANELBOARD, SURFACE OR FLUSH MOUNTED, HATCHING	6"-6" TO TOP		TO EVISION S
PANELBOARD, SURFACE OR FLUSH MOUNTED, HATCHING INDICATES EMERGENCY			
TRANSFORMER	as noted		TELEVISION S COORDINATE APPLICABLE.
EMERGENCY POWER CIRCUIT  M.E.S. (MAJOR EQUIPMENT SCHEDULE) # INDICATOR		— E —	OVERHEA
TAGGED NOTE		00	PAGING SPEA COLED AT P ADJUSTMENT
REVISION TAG		Δ	ADJUSTMENT
MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)		→	PAGING SPEA
JUNCTION BOX	1'-6"	0	PAGING SPEA
CABLE TRAY		(8888)	RECESSED W SPEAKER ATLAS 417-1
DOORBELL PUSHBUTTON STATION, PROVIDE COMPLETE WITH			ATLAS 417-
PUSH-BUTTON) AND ALL ACCESSORES, POWER FROM	46*	DB	WALL MOUNT
LOW VOLTAGE CHELING PATH DOGREGIL PUSPEUTTON STATION, PROVIDE COMPLETE WITH TRANSFORMER (UQUART ABOVE CILING IN CORRIDOR NEAR PUSH-SHITTON) AND ALL ACCESSORES, POWER FROM REAREST AVMA LEE TOO WORMAN PORTE GENERAL, RECEPTACLE CROUT, NUTONE OR EQUAL.			VANDAL PRO SPEAKER QUAM VP1
DOORBELL AUDIO/AISUAL STATION, PROWDE PROWDE CONNECTION TO PUSHBUTTON STATION IN AREA. COORDINATE EXACT AUDIO SOUND (OHME, BUZZER, ETC.) DESIRED WITH OWNER/ARCHITECT. NUTONE OR EQUAL.	7-6"	DBD	EXTERIOR VA
		_	EXTERIOR VI PAGING SPE ARCHITECT/I QUAM VP6
EQUIPMENT HARDWIRE CONNECTION (SEE DETAIL)		⊙v	CALL INITIAT
EQUIPMENT OUTLET COUPLING CONNECTION (SEE DETAIL)		ω <sub>κ</sub>	MATT ACTION
REMOTE OF DEVICE	46"	<b>ଡ</b> ଜା	LCD WALL D
INDICATES MOUNTING HEIGHT OF 48"	46"	*	
INDICATES MOUNTING ABOVE COUNTER-TOP, 2" ABOVE BACKSPLASH, NO HIGHER THAN 48"		С	PAGING MICR
BACKSPLASH, NO HIGHER THAN 48".  WREGUARD — PROMDE MANUFACTURER'S SPECIFIC GUARD FOR DEVICE NOTED		WG	PAGING SYST
WEATHERPROOF - NEMA-3R, WET LOCATION LISTED. PROVIDE COVERS, RATINGS, ETC, AS SUITABLE FOR OUTDOORS.		WP	CLOCKS
EXPLOSION PROOF - PROVIDE WRING METHODS, ENCLOSURES, RATINGS, ETC. AS SUITABLE FOR HAZARDOUS LOCATION.		XP	ELAPSED TIME
RATINGS, ETC. AS SUITABLE FOR HAZARDOUS LOCATION. INDICATES EMERGENCY POWER	$\vdash$	Ε	DIGITAL CLOC
			DIGITAL CLOC
PLIMBING FIXTURE SOLENOD VALVE/FLECTRIC EYE SENSOR CONNECTION, COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.		<b>+</b>	CLOCK SYSTE
PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION.		_	PANEL FU
PLIMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION. TRANSFORMER SHALL BE 120Y-24V, MOLINT ABOVE SUSPENDED ACCESSIBLE CULING N. J-BOX, PROVIDE ADDITIONAL TRANSFORMERS OF SAME TYPE AS/F NEEDED.		Ø	PANEL FURNI AS REQUIREMENT REQUIREMENT FURNITURE V
ADDITIONAL TRANSFORMERS OF SAME TYPE AS/IF NEEDED.  PROVIDE CONNECTION TO HAND DRYER (SEE ARCHITECTURAL SPECIFICATIONS).	VERIEV WITH		FURNITURE V
SPECIFICATIONS).	VERIFY WITH ARCHITECT	ø	PANEL FURNI AS REQUIRED REQUIREMENT FURNITURE V
SURGE PROTECTION DEVICE	54'	SPD GEN-A	REQUIREMENT FURNITURE V
GENERATOR ANNUNCIATOR PANEL - SEE SPECIFICATIONS.	54	_	POWER CONN SEAL-TIGHT
THERMOSTAT PROVIDED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE BACK-BOX CONDUIT STUB-UP.		①	POWER CONN SEAL-TIGHT TO PANEL FU PANEL FURNI VENDOR.
DATA / VOICE			
DATA OUTLET: NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA JACKS.	1'-6"	<u>re</u> ,	DATA/VOICE SEAL-TIGHT
OF DATA JACKS.  VOICE OUTLET: NUMBER BESIDE OUTLET INDICATES NUMBER OF VOICE JACKS.		<b>₽</b>	WALL BOX TO
OF VOICE JACKS.	1'-6"		COORDINATE FURNITURE V
COMBINATION OUTLET: NUMBER BESIDE OUTLET INDICATES NUMBER OF DATA/VOICE JACKS.	1'-6"	10/# ▼	SEAL—TIGHT OF PANEL FUR WALL BOX TO BOX WITH CO COORDINATE FURNITURE VICONNECTIONS FURNITURE VI
OUTLET (VOICE ONLY) : PAYPHONE TYPE	AS REQ'D.	PAY	
MAIN DISTRIBUTION FRAME — REFERENCE DATA SYSTEM SCHEMATICS AND DETAILS FOR ADDITIONAL REQUIREMENTS		MOF	DESCRIPT
			PANIC ALARM
Intermediate distribution frame — reference data system schematics and details for additional requirements		IDF	PANIC ALARM AMBER STRO
TELECOMMUNICATIONS SYSTEM BACKBOARD.			PANIC ALARM
TELECOMMUNICATIONS SYSTEM BACKBOARD, PLYBOOD BROKEN SP'H x 3/4°D RRF-BETARDONT PLYBOOD BROKENDAY BRITTEN (2) COALTS ON ON-CONDUCTORS, FRE-BETARDONT LIGHT CRAY PAINT, 8/30° TO GROUND BRAT AT MAN STRUCK SUBTORBOARD, 20°PT (ROUND BRAT AND A FEBRUARY BRATE) BROKENDAY ON A FEBRUARY BROKENDAY BRATE BOND ON THE STATE AND STRUCK BROKENDAY BRATE BOND ON THE STATE BROKENDAY BRATE BROKENDAY BRATE BROKENDAY BRATE BROKENDAY			SECLETY
FIRE-RETARDANT LIGHT GRAY PAINT, 43/0 TO GROUND BAR AT MAIN SERVICE SMITCHBOARD, 30-PT GROUND BAR AND A		TEL	AUDIO/VIDEO
6'-0", 43 AWG PIGTAL AT BACKBOARD, INSTALL BOARD AT 2' AFF. (LENGTH OF BOARD AS INDICATED ON FLOOR PLAN).			AUDIO/VIDEO WITH SELECTI RELAY CONTA DOOR IN THE INTERCOM RE DESK STAND
			NTERCON RE
WRELESS ACCESS POINT WITH PROVISIONS FOR DATA OUTLET FOR ANTENNA. PROVIDE A COMPLETE DATA OUTLET WITH			same as "im
FACEPLATE ABOVE CEILING, MOUNTED AT AN ACCESSIBLE HEIGHT NO WORE THAN 24" ABOVE CEILING, AT EACH			
		ì	AUDIO/VIDEO S.S. ENCLOSI
OUTLET, PROVIDE A 25' COIL OF CABLE AHEAD OF THE OUTLET FOR ADJUSTMENT OF FINAL OUTLET LOCATION. THE		WAP	
WRILESS ACCESS POINT WITH PROMISIONS FOR DATA QUILET FOR ARTISON, PROME A COMPLITE DATA QUILET WITH PRESENCE ACCESS AND ACCESSION. ACCESSION. ACCESSION. AND ACCESSION. AND ACCESSION. AND ACCESSION. AND ACCESSION. ACCORDANCE OF ACCESSION. AND ACCESSION.		WAP	

BOL	DESCRIPTION	HEIGHT	SYMBOL
	ABBREMATIONS		UON
	UNLESS OTHERWISE NOTED OWNER FURNISHED CONTRACTOR INSTALLED	_	OFCI OFCI
g,c	OWNER FURNISHED OWNER INSTALLED CONTRACTOR FURNISHED CONTRACTOR INSTALLED		OFOI OFOI
o.¤ .= ?	CONTRACTOR FURNISHED CONTRACTOR INSTALLED  CONTRACTOR FURNISHED OWNER INSTALLED		OFOI
	INDICATES EMERGENCY POWER		EN
Ø	SPECIAL CUTLETS		
L,XL	1-GANG FLOOR BOX WITH 20A DUPLEX RECEPTACLE	FL00R	₫о
.,n	2-GANG FLOOR BOX WITH 20A DUPLEX RECEPTACLE, TWO DATA/ONE VOICE.	FL00R	<b>V</b> Ø F8-A
~~	3-GANG FLOOR BOX WITH 20A DUPLEX RECEPTACLE, TWO DATA/ONE VOICE, ONE HDM.	_	
3		FL00R	ФФ ге⊸е
1	3-GANG FLOOR BOX WITH 20A DUPLEX RECEPTACLE, TWO DATA/ONE VOICE, TWO HOM.	FL00R	<b>Т</b> Ф ғв−с
	FIRE RATED POKE-THRU FLOOR BOX 1-GANG WITH 20A DUPLEX RECEPTACLE		● PT-A
IND	FIRE RATED POKE-THRU FLOOR BOX. 2-GANG WITH 20A DUPLEX RECEPTACLE, TWO DATA/ONE VOICE.		● PT-8
NEUTRAL —Ø	DUPLEX RECEPTACLE, TWO DATA/ONE VOICE.		0
	4-GANC FLOOR BOX WITH 20A DUPLEX RECEPTACLE, TWO DATA/ONE VOICE, ONE HDM.		⊕PT-C
2 3 3 3	OVERHEAD PROJECTOR: PROVIDE DUPLEX RECEPTACLE, ONE DATA, ONE HOM:	are	<b>₽</b>
3	SPECIAL VIDEO SYSTEM SIGNAL INPUT		₹
4	SURFACE PLUG-WOLD		
	SURFACE WIFE-MOUD		_
롸	POWER POLE AS NOTED		PP PP
	TELENSION		_
_	TO EVISION SPLITTERS / AMPLIFIERS / DISTRIBUTION	54"	TV-HE
	TELEVISION SYSTEM OUTLET WITH DUPLEX RECEPTACLE.	1'-6"	
_	TELEVISION SYSTEM OUTLET WITH DUPLEX RECEPTACLE. COMMUNIC LOCATION WITH WALL BRACKET WHERE APPLICABLE. COMPRIEMAD PACING.		•
	***************************************	ae	<b>\$</b>
_	PAGING SPEAKER: CEILING, LEAVE 10" OF ADDITIONAL SLACK COLED AT PROPOSED SPEAKER LOCATIONS FOR FINAL ADJUSTMENT OF SPEAKER LOCATIONS.		
$\Theta$	PAGING SPEAKER W/ VOLUME CONTROL	are	
	PAGING SPEAKER: WALL	8'-0"	⊬ŝ>
*	RECESSED WALL MOUNTED PAGING SPEAKER DUKANE 54608 SPEAKER	8'-0"	⊢\$ <sub>R</sub>
	ATLAS 417-8MD		
	WALL MOUNTED PAGING HORN	9'-0"	₩
	VANDAL PROOF / WEATHERPROOF WALL MOUNTED PAGING SPEAKER QUAN VP1	SEE FLOOR PLANS	⊢\$ <sub>₩</sub>
•	EXTERIOR VANDAL PROOF / WEATHERPROOF WALL MOUNTED PAGING SPEAKER. SHALL BE PAINTED COLOR SELECTED BY ARCHITECT/OWNER. QUAM VP6	SEE FLOOR PLANS	⊢\$≥ <sub>EXT.</sub>
	CALL INITIATION STATION	46"	₩\$
	WALL VOLUME CONTROL	46"	₩Š
FI	LCD WALL DISPLAY		ŵ
	PAGING MICROPHONE	1'-6"	ě
	PAGING SYSTEM AMPLIFIER/TUNER CABINET	54"	PA.
	CLOCKS	٠.	-
	ANALOG GLOCK	84"	Θ
	ELAPSED TIMER	04	<u>Ф</u> п
	DIGITAL CLOCK: SINGLE FACE	84"	DC
	DIGITAL CLOCK: DUAL FACE	84"	20C
.	CLOCK SYSTEM HEAD END	84"	CTOCK]
	PANEL FURNITURE  PANEL FURNITURE DUPLEX RECEPTACLE, PROVIDE ALL WRING AS REQUIRED, COORDINATE EXACT INSTALLATION REQUIRED/RETS AND LOCATIONS WITH OWNER'S PANEL FURNITURE VENDOR.		
	REQUIREMENTS AND LOCATIONS WITH OWNER'S PANEL FURNITURE VENDOR.  PANEL FURNITURE DATA/VOICE OUTLET. PROVIDE ALL WRING		<b>=</b>
	PANEL FURNITURE DATA/VOICE OUTLET. PROVIDE ALL WIRING AS REQUIRED. COGNINATE EXACT INSTALLATION REQUIREDNTS AND LOCATIONS WITH OWNER'S PANEL FURNITURE VENDOR.		┫
	POWER CONNECTION TO PANEL FURNITURE, PROVIDE SEAL-TION! CONDUCTION OFFICE RICH RECESSED WALL BOX TO PANEL TURNITURE PROVIDE FINAL CONNECTIONS TO PANEL FURNITURE AS REQUIRED BY PANEL FURNITURE VENDOR.	1'-6"	ov <sup>P</sup>
	VENDOR.  ANALYCISC CONNECTION TO PANEL PURNITURE: PROVIDE SEAL—PORT CONNECTION FROM RECESSED MALL BOX TO PANEL REPORT CONNECTION FROM RECESSED MALL BOX TO PANEL PREMISE. PROVIDE: TO CONSTITUTION—PORT EACH OF MALL BOX TO MEMORE FOR PANEL PROVIDE OR MALL BOX TO MEMORE FOR PANEL PANEL PROVIDE OR MALL BOX WITH CONNECTION TO PANEL PRIMITER AND RECOVERED BY PANEL PRIMITER AND RECOVERED BY PANEL PRIMITER FOR PANEL PAN		⊕v <sup>FS</sup>
,	BOX WITH CONDUIT STUB-UP PER EACH (4) DATA CABLES. COORDINATE EXACT NUMBER OF DATA CABLES WITH FURNITURE VENDOR AND OWNER, PROVIDE FINAL. CONNECTIONS TO PANEL FURNITURE AS REQUIRED BY PAINT	1'-6"	
	FURNITURE VENDOR.		
	DESCRIPTION	MOUNTING HEIGHT	
	SECURITY PANIC ALARM PANIC ALARM BUTTON	146"	m
_	PANIC ALARM BUTTON PANIC ALARM ANNUNCATOR	45"	<b>⊛</b>
_	AMBER STROBE	84"	ě
	PANIC ALARM POWER SUPPLY CABINET	54°	SEC-P
a	SECURITY INTERCOM		
-	ALDIO/VIDEO INTERCOM STATIONE MASTER WITH SELECTIVE DOOR CONTROLS, POWER SUPPLIES & DOOR SELAY CONTROLS AS REQUIRED FOR OFERATION OF ANY DOOR IN THE SYSTEM AND VENING OF ANY ALDIO/VIDEO INTERCOM REDOZE ON THE SYSTEM. APPLONE, MAY-MY W/ DESK STAND — COLOR BY ARCHITECT.	18*	•
	INTERCOM REMOTE ON THE SYSTEM, APHONEJAX-MV W/ DESK STAND — COLOR BY ARCHITECT.		

MOUNTING DRAWING

	THE REAL PROPERTY.	OTHER.
SECURITY ACCESS CONTROL		
DOOR ALARM/POSITION SWITCH	DOOR FRAME	Θ.
MAGNETIC LOCK(S)	ABV DOOR	l 🙉
DOOR POWER SUPPLY	ABV CLG	888
DOOR DELAYED EGRESS / ELECTRIFIED PANIC MECHANISM	ABV DOOR	œ .
ELECTRIC STRIKE	AT LATCH	0
Automatic door connection (way also have electric strike/wag-lock/electrified panic connection — see architectural hardware specifications)	are	
DOOR RELEASE PUSH-PLATE / INFRA-RED OPERATOR STATION, PROVIDE ANY ADDITIONAL ROUGH-IN FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED.	46"	€
DOOR RELEASE KEYSWITCH STATION	6'-0"	:⊛
DOOR RELEASE KEYPAD STATION	46"	@ @
DOOR RELEASE CARD READER STATION, PROVIDE ANY ADDITIONAL ROUGH—IN FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED.	46*	⊛
SAME AS "OR" EXCEPT MULLION MOUNT	46"	⊛u
MOTION SENSOR DOOR CONTROL	ŒL	- (⊕
PUSH-TO-EXIT BUTTON	46"	<b>⊛</b>
REMOTE DOOR RELEASE PUSH-BUTTON	8" ACT	⊜
ACCESS CONTROL POWER SUPPLIES/CONTROL PANEL	54"	MC-A
SECURITY CCTV VIDEO SURVELLANCE		i
CCTV CAMERA: CELLING MOUNT DOME	OTC.	@
CCTV CAMERA: WALL MOUNT DOME	WALL	@ @
INDICATES EXTERIOR CAMERA RATED FOR CONDITIONS, WET LOCATION LISTED, WITH AUXILLARY HEATER		MP.
INDICATES CAMERA WITH PAN/TILT/ZOOM FUNCTION		PTZ
CCTV POMER SUPPLIES/CONTROL PANEL	54"	SEC-C
SECURITY INTRUSION DETECTION		
MOTION DETECTOR	OLG .	⊜
MOTION DETECTOR KEYPAD CONTROLLER	46"	⊛
SECURITY SYSTEM HEAD END	54"	SEC-M

MOURTHO DRAWNO











ELECTRICAL

BG# 19-047

DATE: 12.05.2018 DRAWN BY: JS CHECKED BY: JSL REVISIONS:

2018-41.01

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100%

M" EXCEPT WALL MOUNTED O INTERCOM STATION: REMOTE WITH FLUSH-MITD BURE, AIPHONE JAX-DVF.

FLOOR MICRO-PHONE OUTLETS(# AS NOTED AUDITORIUM SYSTEM SOUND SPEAKER CAFETERIA SYSTEM SOUND SPEAKER AUDITORIUM SOUND SYSTEM AMPLIFIER CAFETERIA SOUND SYSTEM AMPLIFIER LECTURE HALL SOUND SYSTEM AMPLIFIER LECTURE HALL SOUND SYSTEM SPEAKER CLASSROOM SOUND SYSTEM SPEAKER

PARTIAL FLOOR PLAN -ELECTRICAL DEMOLITION

- DOTTED LINES INDICATE (TEMS FOR REMOVAL (U.O.N.) AND THIN SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.
- 8. THE CONTRACTOR SHALL MANTAIN THE CONTRINITY OF DISTING ORDINISTRAL CONTRACTOR SHALL MANTAIN THAT OF DISTING ORDINISTRAL CONTRACTOR SHALL DISSIDE THAT OF THE ORDINISTRAL CONTRACTOR SHALL DESIDE THAT OF THE ORDINISTRAL CONTRACTOR SHALL DESIDE THAT OF THE ORDINISTRAL RESIDES THAT OF THE ORDINISTRAL RESIDES THAT OF THE ORDINISTRAL RESIDES SHALL DRAW RESIDES TO THE ORDINISTRAL DRAW RESIDES THAT OF THE ORDINISTRAL PROPERTY OF THE ORDINISTRAL RESIDES SHALL DRAW RESIDES THAT OF THE ORDINISTRAL RESIDES THAT OR THE ORDINISTRAL RESIDENCE THAT OR THAT OR THE ORDINISTRAL RESIDENCE THAT OR THAT ORDINISTRAL RESIDENCE THAT OR THE ORDINISTRAL
- D. BENOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / PIXTURES / ETC. BENO RELIVIOUS (BACK TO SOURCE), WRITTER RIDICATED OR NOT (LOUAS), CONTROLOTOS WHILE PATOR AND BENNA ANY DESTINE WHILE, FLOORS ON CREMES WHERE DEVICES ARE SHOWN TO BE RELIVIOUS (PATOR) AND REPART TO RECORD WITH PRIMESES SEE ARCHITECTURAL PLANS).
- E. COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER, TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.

TAGGED NOTES : 1. NOT USED.





SECURITY UPGRADES AT
BULLITT ALTERNATIVE CENTER
381 HIGH SCHOOL DRIVE
SHEPHERDSVILLE. KENTUCKY 401465 ELEC DEMO - PARTIAL 1ST FLOOR

BG# 19-047 DATE: 12.05.2018 DRAWN BY: JSL CHECKED BY: JSL

REVISIONS: rev rev

DOCUMENTS

CONSTRUCTION

100%

2018-41.01

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PARTIAL FLOOR PLAN -LIGHTING/POWER/SYSTEMS

(UH







LIGHTING/POW/SYS - PARTIAL 1ST FLOOF

SECURITY UPGRADES AT
BULLITT ALTERNATIVE CENTER
331 HIGH SCHOOL DRIVE

BG# 19-047

DATE: 12.05.2018 DRAWN BY: JSL CHECKED BY: JSL

REVISIONS: rev rev

DOCUMENTS

CONSTRUCTION

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2018-41.01

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