Addendum 1

City of Canton, Ohio

Purchasing Department 218 Cleveland Ave. SW, 4th floor Canton, Ohio 44702

Renovation	ice Center Garage Addition and A	Administration Offices
Item/Project		
Collection Systems Depa	artment	
Responsible Departmen	nt	
April 6, 2022 at 2:00PM	1	
Bids Due On or Before		
В	sid Proposal Submitted B	y:
Company Name		
Street Address		
City	State	Zip
·	2	- -r
Contact Person	Phone No.	Email Address

Question 1:

Vendor requested a spec change re: the hot water heater

Answer:

All questions must be presented by a General Contractor.

Question 2:

In my preliminary review, I noticed that the addition structure has a bar joist/metal deck roof assembly. To my knowledge, bar joist manufacturers currently have 10-12 month lead times. Then, I noticed that your project duration from date of commencement is 210 calendar days (which is less than the bar joists lead times) and the project has liquated damages. Are you aware of, or did you specify, a bar joist manufacturer that has shorter lead times than what we are aware of? If not, would you be able to describe your expectations with the schedule? For example, would you authorize an NTP for submittals/material procurement only? And then work backwards from your longest lead time to determine a start date?

Answer:

There is no change in specifications or project schedule.

Question 3:

Drawing E-2.2 Note 3 calls out supplying a new panel cover for existing panel D. Who is the manufacturer and what is the model number of the panel?

Answer:

The intent of replacement of the cover is to provide a cover that will engage in furred stud and drywall to be installed to surround the existing surface mounted panel.

Manufacturer: Eaton / Cutler Hammer

Model: Box Catalog No. EZB 2036R Type 1 Enclosure with EZ Trim, Door in Door,

Concealed Hardware: EZT2036S

Ouestion 4:

Please clarify the intent for the fire alarm system since they are saying we can't use existing panel to add anything.

If the intent is to install a complete new fire alarm system will that include the whole building? **Answer:**

The building's use group of non-separated, mixed-use groups S-2 and B does not require that a fire alarm system be provided. The existing security/fire monitoring system shall remain as-is and no new fire alarm devices are to be provided under this project scope. Refer to revised electrical sheets issued under Addendum #1. Associated Drawing and Specification revisions are as follows:

Drawings re-issued in this Addendum:

- E-0.1 Removed fire alarm symbol legend
- E-2.1 Removed (4) manual fire alarm pull stations, (1) local smoke detector and (10) area fire alarm A/V notification devices.
- E-2.2 Removed (4) area fire alarm A/V notification devices and added plan note 6.
- E-6.2 Removed fire alarm riser diagram.

Specification section 268140 – Addressable Fire Alarm System is no longer applicable to the scope of the project.

Question 5:

On the utility plan curb drains and finger drains are pointed out, but there is no detail provided to show the depth these need to be placed. Do you know how deep this underdrains need to be placed?

Answer:

Underdrains and Curb Drains as shown on the utility plan per keynote 10 and 11 shall be installed with the top of the 6" pipe matching the crown of outlet pipe at the inlet. Detail of curb drain and underdrain is issued in this Addendum.

Question 6:

On the utility plan it shows a 182 LF 15" HDPE pipe to be installed along the existing road to the East of the project. But on the bottom right hand corner of the plan it says that the driveway culvert is to be 15" RCP and on page c-7 there is a detail for said driveway culvert that also says 15" RCP. So if you could clarify which material is used underneath the proposed driveway, I would appreciate it. Does is start as 15" RCP and switches to 15" HDPE pipe after the driveway? **Answer:**

Pipe shall be 15" HDPE.

Question 7:

The wall types say to run up 2' above ceiling. Need ceiling heights.

Answer:

See Room Finish Schedule for ceiling heights.

Question 8:

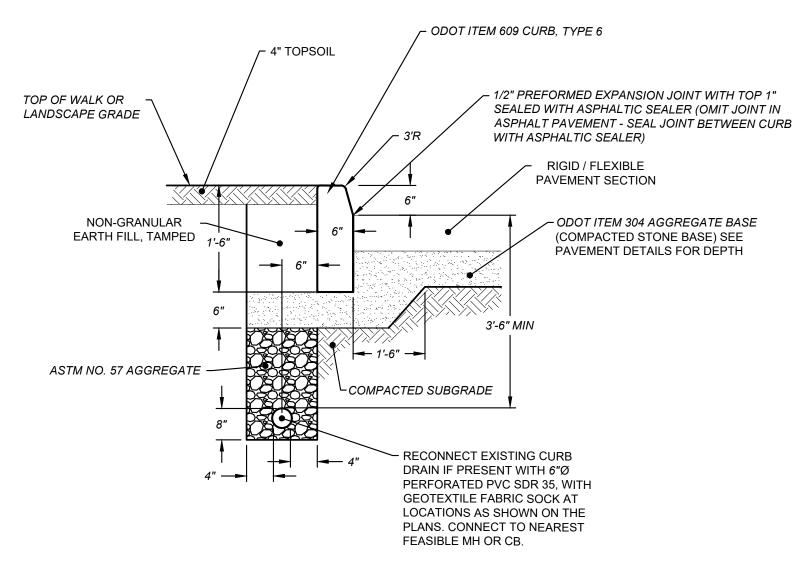
What are the height of the existing deck?

Answer:

Existing Mezzanine deck is 11-8" above finish floor. Existing Administration Area deck elevation varies. The joist bearing elevation is 12'-8" above finish floor, and roof slope is 1:12.

Revision 1:

Add one (1) 2" conduit under asphalt drive/parking from gate operator location to enter building adjacent to where electric conduit is shown. Stub up inside building. This conduit will be for communication to gate operator system.

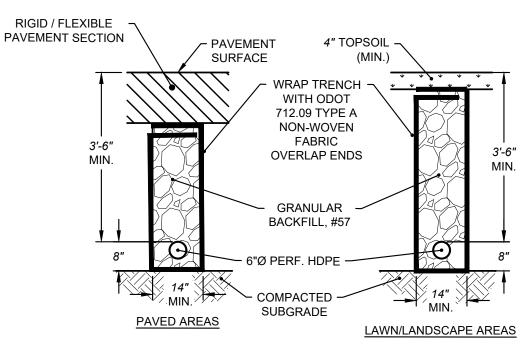


6" CONCRETE CURB DETAIL

SCALE: NONE

NOTES:

- 1. ALL CONCRETE SHALL BE AIR ENTRAINED 4,000 PSI UNLESS OTHERWISE DIRECTED BY ENGINEER (NO FLY ASH).
- 2. PROVIDE HOT APPLIED ASPHALTIC SEALER ACCORDING TO ASTM D 3405 AT ALL SURFACES WHERE ASPHALT PAVEMENT ABUTS CONCRETE CURB. APPLY SEALER IN A NEAT, WORKMANSHIP FASHION.
- 3. INSTALL CONTRACTION JOINT @ 10' O.C.
- 4. AGGREGATE BASE IS TO EXTEND 14" BEYOND BACK OF CURB.



UNDERDRAIN DETAIL

SCALE: NONE

NOTES:

- 1. SLOPE ALL UNDERDRAINS AT 0.5% (MIN.) SLOPE TO NEAREST FEASIBLE CATCH BASIN, INLET BASIN, OR STORM MANHOLE.
- 2. UNDERDRAIN TRENCH TO BE SURROUNDED BY WELL COMPACTED SOILS.

	LEGEND - LIGHTING DEVICES			
SYMBOL	DESCRIPTION			
\$	SWITCH (20A, 120/277V, SINGLE POLE) AT 44" CL AFF, UON			
\$	LOW VOLTAGE CONTROL STATION - WALL MOUNTED AT 44" CL AFF, UON			
Ā	LIGHTING CONTROL VACANCY SENSOR - WALL MOUNTED AT 44" CL AFF, UON			
V	LIGHTING CONTROL VACANCY SENSOR - CEILING MOUNTED			
LRP	LIGHTING CONTROL PANEL, SEE DRAWINGS FOR DESCRIPTION			
<u> </u>				
Ŭ LABEL	VACANCY SENSOR TYPE SCHEDULE DESCRIPTION			
LABEL	DESCRIPTION			
LABEL LDC	DESCRIPTION DUAL TECHNOLOGY, LOW VOLTAGE LIGHTING CONTROL SYSTEM PASSIVE INFRARED, SINGLE LEVEL SWITCHING, TWO LEVEL DETECTION,			
LABEL LDC PS PSD	DESCRIPTION DUAL TECHNOLOGY, LOW VOLTAGE LIGHTING CONTROL SYSTEM PASSIVE INFRARED, SINGLE LEVEL SWITCHING, TWO LEVEL DETECTION, MOUNTED AT 44" AFF, UON PASSIVE INFRARED, DIMMING, TWO LEVEL DETECTION, MOUNTED AT 44" AFF, UON			
LABEL LDC PS	DESCRIPTION DUAL TECHNOLOGY, LOW VOLTAGE LIGHTING CONTROL SYSTEM PASSIVE INFRARED, SINGLE LEVEL SWITCHING, TWO LEVEL DETECTION, MOUNTED AT 44" AFF, UON PASSIVE INFRARED, DIMMING, TWO LEVEL DETECTION, MOUNTED AT 44" AFF,			
LABEL LDC PS PSD	DESCRIPTION DUAL TECHNOLOGY, LOW VOLTAGE LIGHTING CONTROL SYSTEM PASSIVE INFRARED, SINGLE LEVEL SWITCHING, TWO LEVEL DETECTION, MOUNTED AT 44" AFF, UON PASSIVE INFRARED, DIMMING, TWO LEVEL DETECTION, MOUNTED AT 44" AFF, UON			
LABEL LDC PS PSD	DESCRIPTION DUAL TECHNOLOGY, LOW VOLTAGE LIGHTING CONTROL SYSTEM PASSIVE INFRARED, SINGLE LEVEL SWITCHING, TWO LEVEL DETECTION, MOUNTED AT 44" AFF, UON PASSIVE INFRARED, DIMMING, TWO LEVEL DETECTION, MOUNTED AT 44" AFF, UON LOW VOLTAGE CONTROL STATION TYPE SCHEDULE			

LD2 LOW VOLTAGE CONTROL STATION, ON/OFF, RAISE/LOWER, 2 ZONES

	DISTRIBUTION PANELBOARD (208Y/120V, 3Ø, 4 WIRE)				
<u> </u>	PANELBOARD (208Y/120V, 3Ø, 4 WIRE)				
SYMBOL	DESCRIPTION				
	LEGEND - ELECTRICAL DISTRIBUTION				
\$MS	\$MS MANUAL MOTOR STARTER - SURFACE MOUNTED				
Ш	NON-FUSED DISCONNECT SWITCH IN AN ENCLOSURE				
©	COMBINATION IN FLOOR POWER / DATA / A/V DEVICE. FLOOR BOX, CONDUIT POWER DEVICE AND RELATED POWER WIRING PROVIDED BY EC. FOR ADDITIONAL INFORMATION, REFER TO FLOORBOX AND POKE THROUGH SCHEDULE AND DETAILS.				

LEGEND - ELECTRICAL DEVICES

18" AFF, UON, TYPE AS INDICATED ON DRAWINGS

TAMPER-RESISTANT SAFETY TYPE AT 18" AFF, UON

DESCRIPTION

DUPLEX RECEPTACLE (20A, 125V) TAMPER-RESISTANT SAFETY TYPE AT 18" AFF,

DOUBLE DUPLEX RECEPTACLE (20A, 125V) TAMPER-RESISTANT SAFETY TYPE AT

DUPLEX RECEPTACLE (20A, 125V) GROUND-FAULT CIRCUIT INTERRUPTER,

DUPLEX RECEPTACLE (20A, 125V) GROUND-FAULT CIRCUIT INTERRUPTER,

JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED BY CODE OR AS

TAMPER-RESISTANT SAFETY TYPE MOUNTED 8" ABOVE COUNTER, UON

SYMBOL

EQUIPMENT ABBREVIATION SCHEDULE					
ABBREVIATION	EQUIPMENT DESCRIPTION	VOLTAGE	APPARENT LOAD	MOUNTING HEIGHT	NOTES
CF	COFFEE MACHINE	120 V	1.2 kW		VERIFY FINAL HEIGHT WITH ARCHITECTURAL ELEVATIONS.
MW	MICROWAVE	120 V	1.6 kW		VERIFY FINAL HEIGHT WITH ARCHITECTURAL ELEVATIONS.
ОН	OVERHEAD DOOR	120 V	1.2 kW		REFER TO OVERHEAD DOOR DETAILS FOR ADDITIONAL INFORMATION. COORDINATE EXACT REQUIREMENTS IN FIELD WITH DOOR SUPPLIER.
RF	REFRIGERATOR	120 V	1.0 kW	1	PROVIDE 20/1 GFCI BREAKER AT THE PANEL. PROVIDE ENGRAVED RECEPTACLE COVERPLATE "GFCI BREAKER PROTECTED, PANEL XX #XX".
TV	TELEVISION	120 V	0.4 kW	72"	MOUNTED NEXT TO VIDEO OUTLET.

GENERAL ELECTRICAL NOTES: MDP (ETR)

208/120V, 3Ø, 4W, 800A

2#8, #10G-

DS-CU-3

CU-3

PROVIDE NEW CIRCUIT BREAKER IN EXISTING SPACE.

PROVIDE CUTLER-HAMMER TYPE JD 35K CIRCUIT

2. MDP IS SERVED BY EXISTING 80KW, EMERGENCY

AUTOMATIC TRANSFER SWITCH.

REMOVED 40A/2P BREAKER.

STANDBY GENERATOR AND ASSOCIATED 800A

3. PROVIDE NEW CIRCUIT BREAKER IN LOCATION OF

ONE LINE DIAGRAM

2#8, #10G-

IN 1"C

PTAC-1

BREAKER.

X PLAN NOTES

IN 1"C

2#12, #12G IN 3/4"C-

LOCATED IN MECH G-123

G

MLO

CUTLER-HAMMER "POW-R-LINE C PRL4"

MCCB

225/3AF

225/3AT

-- 4#4/0, #4G IN 2-1/2"C

- A. ALL CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, OR SHAFTS SHALL BE SEALED IN ACCORDANCE WITH ELECTRICAL FIRESTOPPING SPECIFICATIONS.
- B. CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL LUMINAIRES AND CEILING MOUNTED DEVICES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS, ELEVATIONS, SECTIONS AND DETAILS. CONTRACTOR SHALL ALSO COORDINATE LOCATIONS OF RECEPTACLES AND OTHER WALL MOUNTED DEVICES WITH THE ARCHITECTURAL WALL ELEVATIONS AND FINISHES.
- C. THE ROUTING OF ALL SURFACE MOUNTED/EXPOSED CONDUIT IN UNFINISHED AREAS (OR WHERE NOTED ON THE DRAWINGS) SHALL BE COORDINATED WITH, AND SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
- D. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH THE MECHANICAL CONTRACTOR. EXACT ELECTRICAL REQUIREMENTS SHALL BE VERIFIED IN THE FIELD WITH THE EQUIPMENT'S NAMEPLATE DATA. THE CONTRACTOR SHALL MAKE APPROPRIATE ADJUSTMENTS TO WIRE AND FUSE SIZES IN ACCORDANCE WITH THE NAMEPLATE DATA.
- E. ALL BRANCH CIRCUITS AND FEEDERS SHALL CONTAIN AN INSULATED GROUNDING CONDUCTOR IN ACCORDANCE WITH ELECTRICAL SERVICE AND POWER DISTRIBUTION SPECIFICATIONS. NEUTRAL CONDUCTORS SHALL NOT BE SHARED IN ACCORDANCE WITH ELECTRICAL BASIC MATERIALS AND METHODS SPECIFICATIONS.
- F. THE DISCONNECTING MEANS FOR ALL MOTORS AND EQUIPMENT SHALL BE INSTALLED IN A "READILY ACCESSIBLE" LOCATION AND SHALL HAVE PROPER WORKING SPACE AS DEFINED IN NEC ARTICLE 100 AND 110.
- G. UTILIZATION OF THE PHRASE "PROVIDED BY" WITHIN THE CONTEXT OF THESE DOCUMENTS SHALL EXPLICITLY REPRESENT "FURNISHED AND INSTALLED BY".
- H. THE ELECTRICAL CONTRACTOR SHALL ASSUME REMOVING EXISTING CEILING TILES TO INSTALL NEW WORK AND REPLACING WITH EXISTING OR NEW CEILING TILES AS REQUIRED FOR THE INSTALLATION OF ALL WORK. THE AREAS INCLUDE SPACES IN THE NEW WORK AS INDICATED ON THE DRAWINGS AND AREAS NOT SHOWN WHERE THE CONTRACTOR IS REQUIRED TO INSTALL NEW WORK. DAMAGED TILES BY ELECTRICAL CONTRACTOR SHALL BE REPLACED TO MATCH EXISTING TILES AT ELECTRICAL CONTRACTOR'S EXPENSE.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING NECESSARY FOR INSTALLATION OF NEW WORK. CUTTING OF A STRUCTURAL MEMBER IS PROHIBITED WITHOUT SPECIFIC WRITTEN PERMISSION FROM THE ARCHITECT.

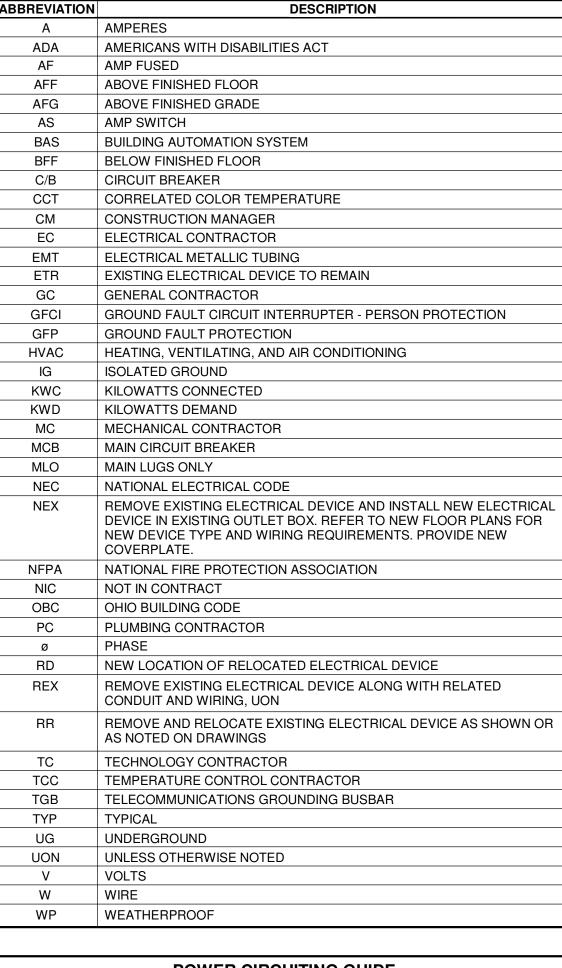
GENERAL ELECTRICAL DEMOLITION NOTES:

- A. ALL LUMINAIRES, DEVICES, AND MISCELLANEOUS EXISTING CONDITIONS SHOWN ON THE DEMOLITION PLANS ARE THE RESULT OF FIELD INSPECTIONS AND ARE NOT INTENDED TO REPRESENT EXACT FIELD CONDITIONS, BUT RATHER THE EXTENT OF ELECTRICAL DEMOLITION. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF DEMOLITION PRIOR TO SUBMITTING BID.
- B. REMOVE AND/OR RELOCATE EXISTING ELECTRICAL DEVICES ON WALLS OR CEILINGS BEING REMOVED. COORDINATE SUCH CONDITIONS WITH ARCHITECTURAL DRAWINGS. SEE NEW FLOOR PLANS FOR NEW LOCATIONS OF EXISTING DEVICES BEING RELOCATED.
- C. EXISTING CONDUITS, CIRCUITS OR SYSTEMS IN WALLS OR CEILINGS BEING REMOVED WHICH SERVE SURROUNDING UNREMODELED AREAS SHALL BE REWORKED AND MAINTAINED.
- D. EXISTING CONDUITS, CIRCUITS OR SYSTEMS PASSING THROUGH THE REMODELED AREAS WHICH SERVE UNREMODELED AREAS SHALL REMAIN AND BE PROTECTED DURING DEMOLITION AND REMODELING. RELOCATE AND REROUTE IF REQUIRED.
- E. CONTINUITY OF CIRCUITS INTERRUPTED BY REMOVAL OF ELECTRICAL DEVICES SHALL BE MAINTAINED. PROVIDE JUNCTION BOXES, CONDUIT, AND WIRING EXTENSIONS FOR RELOCATION TO ABOVE ACCESSIBLE CEILINGS.
- F. EXISTING LUMINAIRES BEING RE-USED SHALL BE CLEANED AND RE-LAMPED.

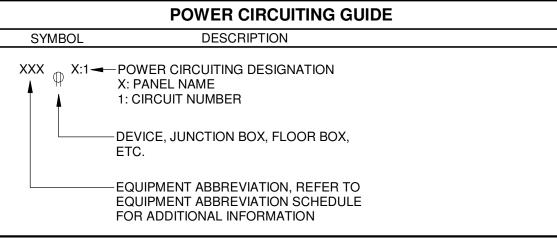
H. MAINTAIN CONTINUITY OF BRANCH CIRCUITS AND COMMUNICATION CIRCUITS

TO ALL DEVICES AND LUMINAIRES SHOWN TO REMAIN (ETR). EXTEND AND

- G. RE-SUPPORT EXISTING CONDUIT AND CABLES WHICH REMAIN ABOVE CEILINGS PER NATIONAL, STATE, AND LOCAL CODES.
- MODIFY AS REQUIRED. I. ALL NEW AND RELOCATED CONDUIT AND WIRING IN REMODELED AREAS SHALL BE CONCEALED UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT
- J. FOR ALL DEVICES AND LUMINAIRES BEING REMOVED (REX), REMOVE RELATED CONDUIT AND WIRING TO SOURCE. RE-LABEL EXISTING CIRCUIT BREAKERS AS "SPARE" WHEN LOAD IS COMPLETELY REMOVED OR REVISE LABEL ON PANEL DIRECTORY APPROPRIATELY.
- K. WHERE ELECTRICAL DEVICES ARE DESIGNATED TO BE REMOVED, REMOVE DEVICES AND BACKBOXES AND PATCH/REPAIR WALLS, UNLESS OTHERWISE DIRECTED BY ARCHITECT.
- L. EXISTING INTERIM LIFE SAFETY SYSTEMS, INCLUDING BUT NOT LIMITED TO, EMERGENCY EGRESS LIGHTING AND FIRE ALARM SYSTEMS SHALL BE MAINTAINED AND UNINTERRUPTED IN UN-REMODELED AREAS. MODIFICATIONS TO SUCH SYSTEMS SHALL BE CLOSELY COORDINATED WITH OWNER AS TO NOT DISRUPT CONTINUITY OF LIFE SAFETY FUNCTIONS TO OTHER FLOOR AND PHASED AREAS DURING BUILDING OCCUPANCY HOURS.



GENERAL ABBREVIATIONS



	LIGHTING CIRCUITING GUIDE		
CVMPOL			
SYMBOL	DESCRIPTION		
B X:1	LIGHTING CIRCUITING DESIGNATION X: PANEL NAME 1: CIRCUIT NUMBER		
a,b: LIGHTING CONTROL ZONE - STAND ALONE LIGHTING CONTROL z#: ZONE CONTROLLER CONTROL - LOW VOLTAGE LIGHTING CONTROL SYSTEM #: INDIVIDUAL ZONE CONTROL x: LOCAL ROOM ZONE CONTROL			
	DESIGNATION REFER TO SCHEDULE		
SYMBOL	DESCRIPTION		
	LUMINAIRE DESIGNATED AS NIGHT LIGHT WITH NO LIGHTING CONTROL FOR EGRESS - AT CEILING, RECESSED OR SURFACE MOUNTED		

ONE LINE DIAGRAM LEGEND				
SYMBOL DESCRIPTION				
	BRANCH PANELBOARD			
800/3 AF 800/3 AT	MOLDED CASE CIRCUIT BREAKER WITH ADJUSTABLE TRIP PLUG			
	UNFUSED DISCONNECT SWITCH IN AN ENCLOSURE			

CONDUIT SYMBOL LEGEND				
SYMBOL	SYMBOL DESCRIPTION			
	CONDUIT STUB			
*	CONDUIT TURNED DOWN			
o	CONDUIT TURNED UP			
	CONDUIT INSTALLED BELOW GRADE OR FINISHED FLOOR			
E-1 -● / E-1 -►	ELECTRICAL CONNECTION TO EQUIPMENT ITEM 'E-1' (LETTER DESIGNATION AS APPLICABLE) - SEE CORRESPONDING EQUIPMENT CONNECTION SCHEDULE			

REVISIONS: DESCRIPTION

ADDENDUM 03/31/202

Karpinski

13714 Cleveland Ave. NW Uniontown, OH 44685 karpinskieng.com

TEDOMEAD

BRIAN J. DAVID E-61663

> THIS DWG: **ELECTRICAL SYMBOL** LEGEND AND GENERAL NOTES

COMM DATE

02-24-2022

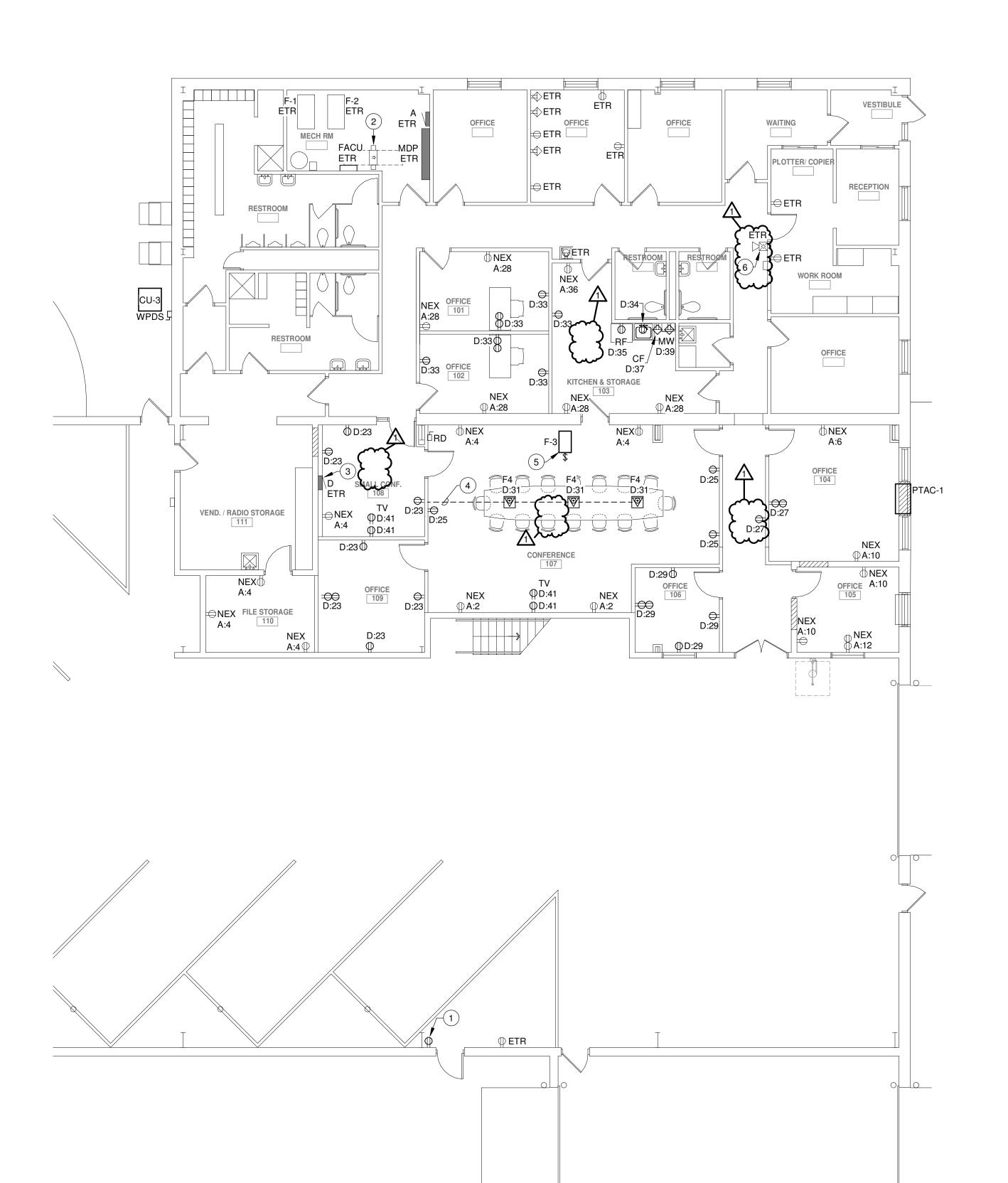
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REVISIONS:

IO. DESCRIPTION DATE ADDENDUM 03/31/2022

СОММ **DATE** 02-24-2022

DWG



GENERAL NOTES:

A. ELECTRICAL DEVICES NOT SHOWN ON DRAWING ARE EXISTING TO REMAIN, ETR.

× PLAN NOTES

- 1 EC SHALL EXTEND BRANCH CIRCUIT OF REMOVED DEVICE TO NEW LOCATION. PROVIDE NEW BACKBOX AND DEVICE. ROUTE CONDUIT AROUND NEW DOORWAY.
- 2 LOCATION OF EXISTING TECHNOLOGY RACK.
- 3 EC SHALL REMOVE FRONT COVER OF EXISTING SURFACE MOUNTED PANELBOARD. WALL TO BE BUILTOUT AROUND PANEL BY OTHERS AND EC SHALL PROVIDE NEW RECESSED COVER FOR PANEL ONCE NEW WALL IS COMPLETE.
- 4 ROUTE FLOORBOX BRANCH CIRCUIT CONDUIT BELOW FLOOR TO WALL AS SHOWN AND INTO CEILING SPACE FOR CONTINUATION
- TO PANELBOARD. EQUIPMENT LOCATED ON MEZZANINE LEVEL. 6 WALL-MOUNTED SECURITY SYSTEM NOTIFICATION DEVICE, ETR.

GARAGE AREA

OFFICE AREA

KEYPLAN SCALE: NONE

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1. WIRING DIAGRAM FOR BIDDING PURPOSES ONLY. EXACT WIRING

OVERHEAD DOOR MOTOR CONTROL WIRING DIAGRAM

PRIOR TO INSTALLATION.

REQUIREMENTS SHALL BE VERIFIED WITH THE SYSTEM SUPPLIER. 2. VERIFY LOCATION OF ALL DEVICES AND EQUIPMENT WITH ARCHITECT

-REMOTE RECEIVER -

FURNISHED BY GC,

→ 24VDC REVERSING EDGE -

BY EC. LOCATE ON WALL OPPOSITE DOOR JAM.

ON DOOR.

INSTALLED AND WIRED BY EC. LOCATE RECEIVER

FURNISHED AND INSTALLED

BY GC, WIRED BY EC. LOCATE

FURNISHED BY GC, INSTALLED

NEAR CONTROL PANEL.

OVERHEAD DOOR MOTOR AND -

CONTROL PANEL - FURNISHED

AND INSTALLED BY GC, WIRED

FURNISHED BY GC, INSTALLED

LINE VOLTAGE ELECTRIC EYE - -

WIRED BY EC. LOCATE ON DOOR

FURNISHED BY GC, INSTALLED AND

24VDC PUSHBUTTON - ---

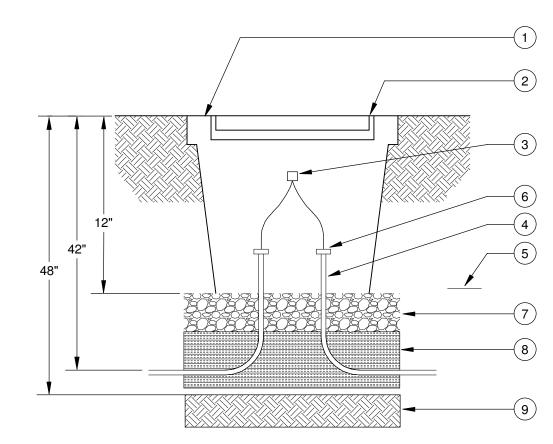
DIRECTION.

AND WIRED BY EC. LOCATE ON WALL PER ARCHITECT'S 7. INSTALL FOUNDATION A MINIMUM OF 2'-6" FROM BACK OF CURB IN PARKING LOTS. INSTALL

FOUNDATION A MINIMUM OF 36" FROM STORM OR SANITARY PIPING.

8. AT LOCATIONS WHERE THE EXISTING SLOPE IS 6:1 OR GREATER, THE BURIED DEPTH OF FOUNDATION SHALL APPLY TO THE LOW SIDE OF SLOPE. 9. PRECAST POLE BASES MEETING THE REQUIREMENTS OF DETAIL SHALL BE ACCEPTABLE.

POLE MOUNTED LUMINAIRE BASE DETAIL



NOTES:

1. FLUSH TO GRADE IN GROUND PULLBOX OPEN BOTTOM. QUAZITE SERIES PG OR

HEAVY DUTY BOLTED COVER WITH LOGO "ELECTRIC" AS APPLICABLE. 3. SPLICING CONNECTOR (BLACKBURN WR9, BRUNDY YPC2A8U OR EQUAL) ENCAPSULATED WITH A RAYCHEM GEL ENCLOSURE PART # GHFC-1-90.

4. CONDUITS TO EXTEND 3" ABOVE GRAVEL TYPICAL. 5. RED 3" WIDE WARNING TAPE WITH ALUMINUM CORE ABOVE ALL UNDERGROUND 6. SEAL CONDUITS WITH POLYWATER FST-250 OR EQUAL.

7. 6" OF GRAVEL OR CRUSHED ROCK FOR DRAINAGE PURPOSES. EXTEND GRAVEL 4" BEYOND EDGE OF BOX. 8. CLEAN FILL.

9. UNDISTURBED EARTH MATERIAL.

TYPICAL HANDHOLE DETAIL

REVISIONS:

D. DESCRIPTION ADDENDUM 03/31/202



13714 Cleveland Ave. NW Uniontown, OH 44685 330-699-4077 karpinskieng.com

UNDERGROUND CONDUIT-

DETECTABLE—

UNDERGROUND

WARNING TAPE.

ALL TRENCHING AND -

BACKFILL BY E.C.

CLEAN FILL-

TO

TABLE

1. CONTRACTOR SHALL LOCATE UNDERGROUND CONDUIT AT A MINIMUM OF 10'-0" FROM NEAREST TREE, OR IF NOT PRACTICAL, AS DIRECTED IN FIELD

MIN

-GRADE OR PAVEMENT

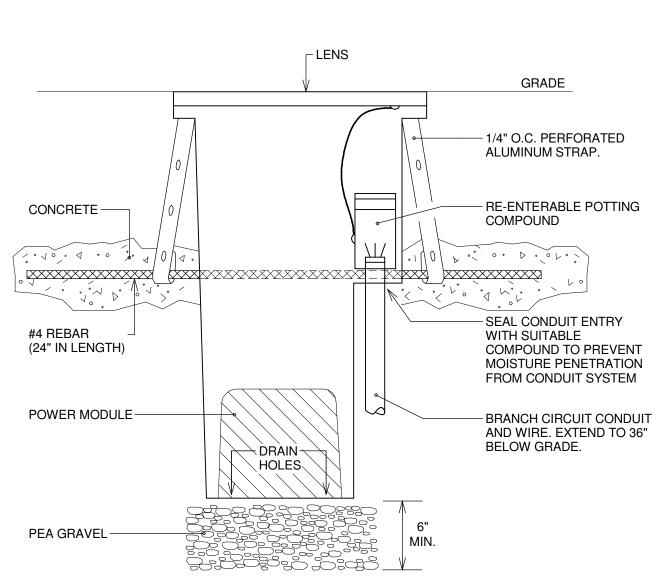
MIN.

BY THE LANDSCAPE ARCHITECT. 2. ALL UNDERGROUND ELECTRICAL CONDUIT SHALL HAVE A DETECTABLE WARNING TAPE INSTALLED 12" BELOW GRADE - DIRECTLY ABOVE THE CONDUIT. WARNING TAPE SHALL BE "TERRA TAPE", 3" WIDE, LABELED WITH "CAUTION A, B, C, OR D BURIED BELOW". CONTACT: REEF INDUSTRIES, INC. 1-800-231-6074

A. "ELECTRIC LINE", #42-0064 B. "TELEPHONE LINE", #42-0041 C. "HIGH VOLTAGE LINE", #42-0111

D. "FIBER OPTIC CABLE", #42-0037 3. CONCRETE ENCASE CONDUIT(S) UNDER ROADWAYS, DRIVEWAYS AND PARKING LOTS. MINIMUM OF 3" CONCRETE ENCASEMENT. (NOT APPLICABLE FOR BRANCH CIRCUITS.)

UNDERGROUND CONDUIT INSTALLATION DETAIL



IN-GRADE LUMINAIRE INSTALLATION DETAIL SCALE: NONE

DETAIL NOTES:

THIS DETAIL REPRESENTS A TYPICAL FIXTURE IN SOIL WITH CONCRETE ANCHOR. EXACT INSTALLATION REQUIREMENTS SHALL BE COORDINATED WITH LUMINAIRE SUPPLIER.

OTTED & MEAD

MATE OF OH, BRIAN J. DAVID

THIS DWG: **ELECTRICAL DETAILS AND** DIAGRAMS

COMM **DATE** 02-24-2022

DWG