



**Department of
Transportation and Drainage**
Engineering Division

City of Baton Rouge
Parish of East Baton Rouge
P.O. Box 1471
Baton Rouge, Louisiana 70821
(225) 389-3186

Addendum No. 1
August 29, 2016
Page 1 of 3

Your reference is directed to the below invitation to bid on a construction project for the City of Baton Rouge, Parish of East Baton Rouge.

Re: City Hall Greenspace Improvements/Renovation
City-Parish Project No. 13-DD-CI-0063

Bids Opening: Thursday, September 8, 2016, @ 2:00 pm

1. Refer to the project plans and specifications:

Make the following additions, deletions, alterations, clarifications, or corrections to the Drawings and Specifications. This Addendum becomes a part of the Contract Documents when the Construction Contract is executed.

MECHANICAL ITEMS

DRAWINGS

1. Sheet M1.0:
 - A. Replace Sheet M1.0 with the attached revised Sheet M1.0.

SPECIFICATIONS

1. Section 220060 – Gas Detection System:
 - A. Add the following Paragraph 2.3:

"2.3 CONTROLLER 301C AND VA301R8

 - A. The control panel must be capable of communicating digitally with the networked transmitters and relay modules through three RS-485 Modbus communication buses. Each communication bus must be capable of accepting a combination of up to 32 addressable transmitters, relay modules, or annunciator panels at a maximum distance of 2,000 feet. The power supply shall be of either 24 VAC or 24 VDC.
 - B. The controller will manage four internal DPDT relays at fully programmable alarm levels (and within programmable time

delays) and be capable of activating multiple relay modules of eight relays each. The relay rating will be no lower than 5 A, 30 VDC or 250 VAC (resistive load).

- C. The controller must include a self-test function that allows for the activation/deactivation of all the programmed outputs by simulating a continuous 5% increase/decrease value until the maximum/minimum value is reached.
- D. The controller must include a real-time clock that enables operation of the outputs for a specific timeframe.
- E. The controller must also include an energy saving feature that allows for output operation on alarms set at the max, min or average value of a specific group of transmitters. This feature must also allow for the activation of outputs upon a certain number of a specific group ($\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$) of transmitters reaching their alarm levels. A total of 128 groups can be assigned.
- F. The controller will be capable of communicating with an annunciator panel that can serve as a remote display panel in a secondary control room.
- G. The controller will indicate the exact concentration of gas, the gas detected, and the location of the sensor by sweeping through the network and displaying the detected levels at each point on a graphic LCD display.
- H. Provide relay modules to control fans in accordance to CO and NOx levels.
- I. The controller must enable BACnet™ communication through its optional BACnet output using BACnet/IP protocol over twisted-pair Ethernet (10BaseT) wires.”

ELECTRICAL ITEMS

DRAWINGS

1. Sheet E3.0

A. Replace Sheet E3.0 with the attached revised Sheet E3.0.

BID OPENING

This Addendum DOES NOT change the bid date as provided in the Public Notice.

This addendum is hereby made a part of the above referenced invitation to bid.

Failure to indicate receipt of this Addendum on the Bid Form shall be cause for your bid to be rejected.

Sincerely,

A handwritten signature in blue ink that reads "Thomas A. Stephens". The signature is written in a cursive style with a large initial 'T' and 'S'.

Thomas A. Stephens, P.E.
Chief Design and Construction Engineer

CONSULTANTS

FORTE & TABLADA
STRUCTURAL & CIVIL ENGINEER,
SURVEYOR
9107 Interline Avenue
Baton Rouge, LA 70809
225-752-0336

ASSAF SIMONEAUX TAUZIN & ASSOCIATES
MEP ENGINEER
8417 Kelwood Avenue
Baton Rouge, LA 70806
225-926-5600

JEFFREY BRUCE & CO.
SOILS & IRRIGATION
1907 Swift Street, Suite 204
North Kansas City, MO 64116
816-842-9999

LAM PARTNERS INC.
LIGHTING DESIGN
84 Sherman Street
Cambridge, MA 02140
617-354-4502 ext.222

REICH ASSOCIATES
LANDSCAPE ARCHITECT
333 East Boulevard
Baton Rouge, LA 70802
225-766-5610

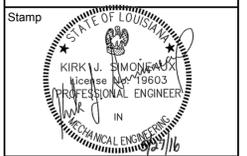
100% CONSTRUCTION DOCUMENTS

Revisions

Number	Date	Description
--	5/31/16	PERMIT SET
--	7/29/16	BID SET
1	8/25/16	ADDENDUM #1

RH Job # 2653
Drawn by PM Checked by DN
Scale 1/32" = 1'-0" Date 29 JULY 2016

SCALE AS SHOWN

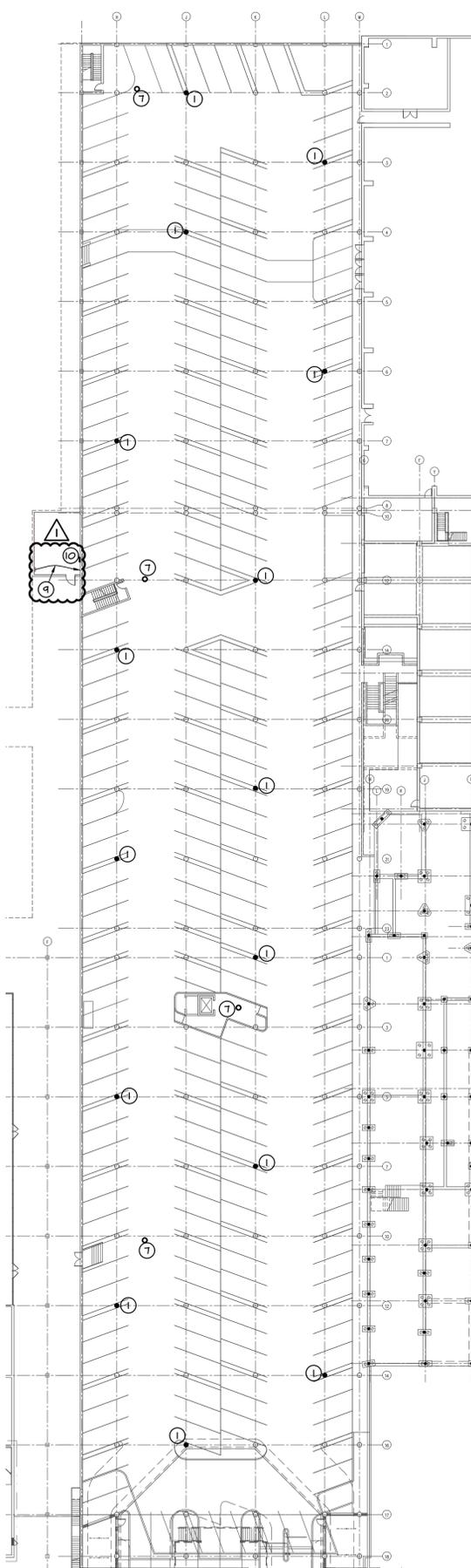


Sheet Title

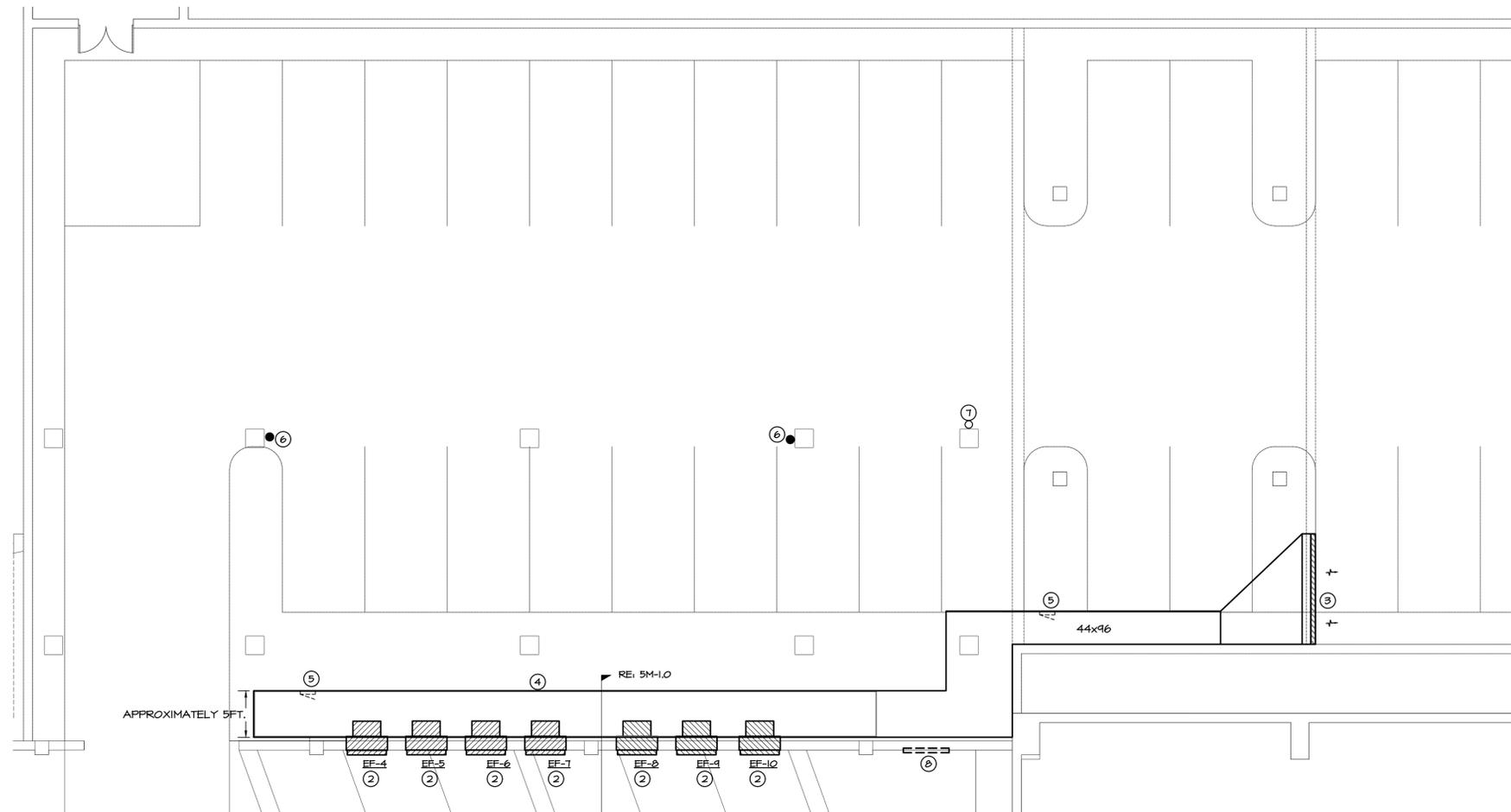
MECHANICAL
PLAN

Sheet Number

M-1.0



1 PARKING GARAGE (B2 LEVEL) - MONITORING SYSTEM LAYOUT
SCALE: 1/32" = 1'-0"



2 PARTIAL PARKING GARAGE (B1 LEVEL NORTH) MECHANICAL PLAN
SCALE: 1/8" = 1'-0"

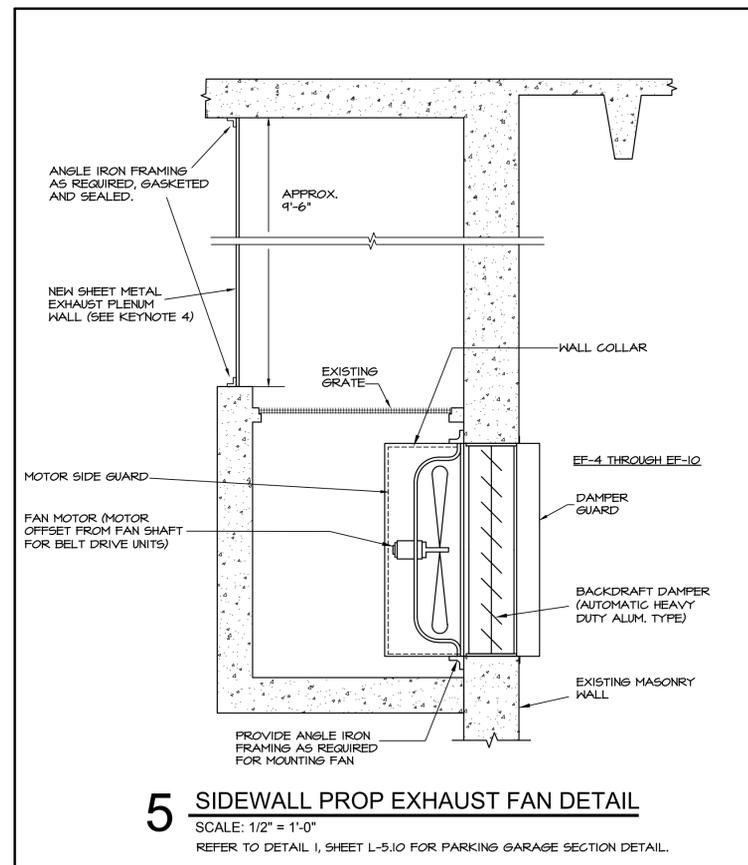
3 KEYNOTES

- PROVIDE NEW CO AND NOX SENSOR AT COLUMN ON LOWER LEVEL (B2) WHERE SHOWN. MOUNT CO SENSOR AT 5'-0" AFF AND NOX SENSOR AT 1'-0" BELOW CEILING ON INNER SIDE OF COLUMN, AWAY FROM DRIVEWAY. PROVIDE RED ALARM LIGHTS WHERE INDICATED. REFER TO SPECIFICATIONS.
- REPLACE EXISTING EXHAUST FAN SERVING LOWER LEVEL PARKING AREA WITH NEW SIDEWALL EXHAUST FAN; RE: 5M-1.0. REUSE EXISTING OPENING IN STRUCTURE AND PATCH WALL AS REQUIRED TO MATCH EXISTING (FIELD VERIFY EXACT LOCATIONS OF EXISTING OPENINGS). PROVIDE NEW MOTOR STARTER. FAN TO BE CONTROLLED BY CARBON MONOXIDE/NOX MONITORING SYSTEM. REFER TO SPECIFICATIONS.
- PROVIDE NEW 12x8' EXHAUST LOUVER AT END OF EXHAUST CHASE; REFER TO SPECIFICATIONS.
- PROVIDE NEW HEAVY GAUGE SHEET METAL EXHAUST PLENUM FULL SIZE OF EXISTING EXHAUST OPENING AND UP TO NEW DECK. PLENUM SHALL BE CONSTRUCTED FROM CONTINUOUS STANDING SEAM REINFORCED STAINLESS STEEL (304) PANELS. CONNECT TO EXISTING OPENING AND ROUTE EXHAUST DUCTWORK AS SHOWN. EXHAUST PLENUM SHALL MEET CONSTRUCTION STANDARDS FOR EQUIPMENT AND CASINGS IN CHAPTER 9 OF SMACNA HVAC DUCT CONSTRUCTION STANDARDS 3RD EDITION.
- PROVIDE 20" x 54" CASING ACCESS DOOR AS SHOWN. (DOOR SHALL OPEN AGAINST AIR PRESSURE).
- EXTEND EXISTING GAS MONITORING SYSTEM AT UPPER LEVEL (B1) TO INCLUDE ADDITIONAL SENSOR IN LOCATION SHOWN.
- ALARM LIGHT.
- PROVIDE SHEET METAL PATCH FOR EXISTING 60" x 60" OPENING WHERE CH/CHR LINES PASS THROUGH CHASE. SEAL AT PIPE PENETRATIONS.
- EXISTING GAS MONITORING SYSTEM CONTROL PANEL TO BE RELOCATED TO OPPOSITE WALL AS SHOWN.
- NEW GAS MONITORING SYSTEM CONTROL PANEL TO SERVE B2 LEVEL GARAGE.

4 MECHANICAL EQUIPMENT SCHEDULE

FANS												
DESIGNATION	CFM	TOTAL S.P. IN. W.G.	RPM	WHEEL DIA. INCHES	DRIVE	WHEEL TYPE	ELEC. DATA			STARTERS		REMARKS
							HP	VOLTS	PH	TYPE	LOCATION	
EF-4	8,500	0.85	1,725	AS REQD	BELT	PROP	3	480	3	COMB	ON WALL	(1), (2)
EF-5	8,500	0.85	1,725	AS REQD	BELT	PROP	3	480	3	COMB	ON WALL	(1), (2)
EF-6	8,500	0.85	1,725	AS REQD	BELT	PROP	3	480	3	COMB	ON WALL	(1), (2)
EF-7	8,500	0.85	1,725	AS REQD	BELT	PROP	3	480	3	COMB	ON WALL	(1), (2)
EF-8	8,500	0.85	1,725	AS REQD	BELT	PROP	3	480	3	COMB	ON WALL	(1), (2)
EF-9	8,500	0.85	1,725	AS REQD	BELT	PROP	3	480	3	COMB	ON WALL	(1), (2)
EF-10	8,500	0.85	1,725	AS REQD	BELT	PROP	3	480	3	COMB	ON WALL	(1), (2)

- NOTE:
- GREENHECK SBE OR APPROVED EQUAL BELT-DRIVEN, AXIAL TYPE SIDEWALL FAN WITH BACKDRAFT DAMPER, DAMPER GUARD, WALL COLLAR AND MOTOR GUARD.
 - REFER TO SPECIFICATIONS.



5 SIDEWALL PROP EXHAUST FAN DETAIL
SCALE: 1/2" = 1'-0"
REFER TO DETAIL 1, SHEET L-5.10 FOR PARKING GARAGE SECTION DETAIL.

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FORTE & TABLADA
STRUCTURAL & CIVIL ENGINEER,
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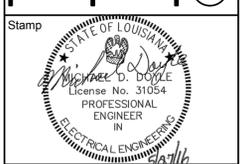
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Drawn by PM Checked by KG

Scale 1/16" = 1'-0" Date 29 JULY 2016



Sheet Title

**GARAGE LEVEL 1 -
BASEMENT LEVEL 2
(B2) ELECTRICAL
PLAN**

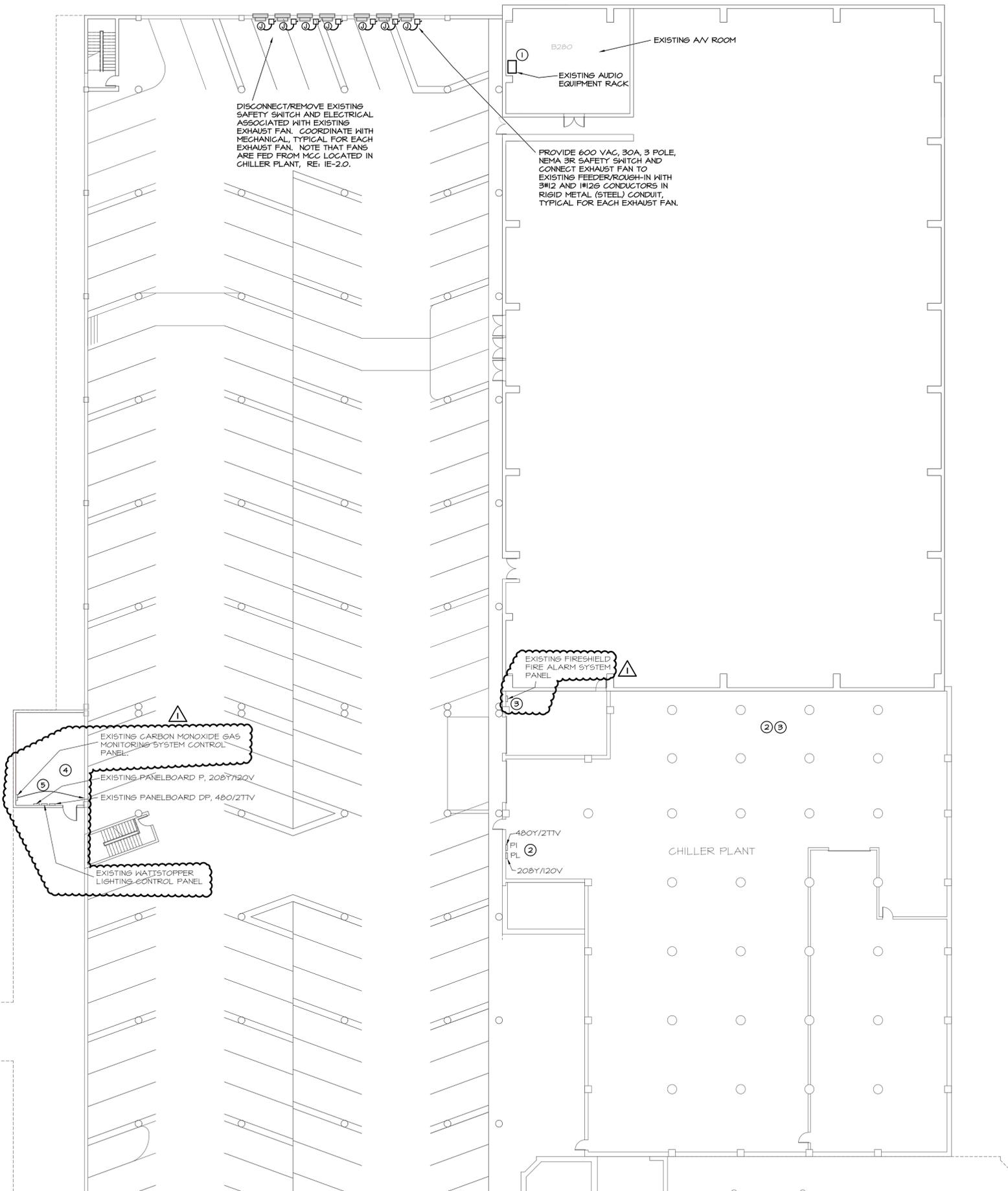
Sheet Number

E-3.0



2 KEYNOTES

- ① ADD AUDIO SCREEN CONTROL TO EXISTING AUDIO/SELECTOR CONTROL SOFTWARE THAT IS ON EXISTING COMPUTER RACK. SCREEN CONTROL SHALL BE OUTFITTED FOR NEW PLAZA SPEAKERS. CONTROL SHALL HAVE FOLLOWING INPUT SOURCES MUSIC 1, MUSIC 2, MUSIC 3, MUSIC 4, CAMERA 1, CAMERA 2, TV1, TV2, DVD1, DVD2, PCI AND PC2. THESE SOURCES ARE AVAILABLE AT EXISTING AUDIO FLEX BI AMP SYSTEM MODEL TI-2 AND LOCATED IN RACK. PROVIDE COMPATIBLE AMPLIFIER AND CONNECT GROUND MOUNTED SPEAKERS WITH 2#18 TYPE SJOW AUDIO CABLE IN CONDUIT. CONNECT POLE MOUNTED SPEAKERS WITH 2#16, TYPE SJOW AUDIO CABLE IN CONDUIT.
- ② PROVIDE 20A, 2 POLE CIRCUIT BREAKER IN EXISTING PANEL PL AND CONNECT DRY PIPE SPRINKLER SYSTEM AIR COMPRESSOR WITH 2#10 AND #10G CONDUCTORS IN CONDUIT. PROVIDE 30A, 2 POLE, NEMA 1 SAFETY SWITCH ADJACENT TO AIR COMPRESSOR. COORDINATE WITH MECHANICAL.
- ③ PROVIDE THREE EACH SPRINKLER SYSTEM TAMPER SWITCH CONNECTIONS TO FIRE ALARM SYSTEM. FIRE ALARM SYSTEM SHALL MONITOR/SUPERVISE TAMPER SWITCHES. PROVIDE TWO EACH SPRINKLER SYSTEM FLOW SWITCH CONNECTIONS. FIRE ALARM SYSTEM SHALL MONITOR/SUPERVISE FLOW SWITCHES. COORDINATE WITH MECHANICAL.
- ④ CONNECT ADDITIONAL CARBON MONOXIDE MONITORING PANEL TO EXISTING CARBON MONOXIDE MONITORING PANEL BRANCH CIRCUIT WITH 2#12 AND #10G CONDUCTORS IN CONDUIT. COORDINATE WITH MECHANICAL.
- ⑤ DISCONNECT EXISTING GAS MONITORING SYSTEM PANEL AND RELOCATE/RECONNECT TO EXISTING BRANCH CIRCUIT WITH 2#12 AND #12G CONDUCTORS IN CONDUIT. COORDINATE WITH MECHANICAL.



1 GARAGE LEVEL 1 - BASEMENT LEVEL 2 (B2) ELECTRICAL PLAN
SCALE: 1/16" = 1'-0"



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