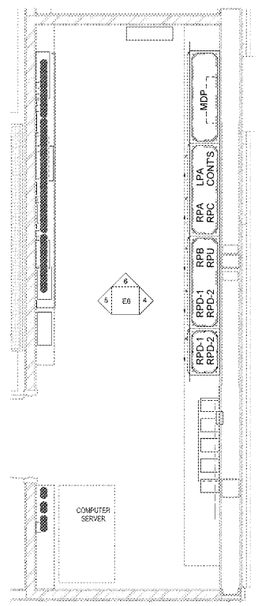
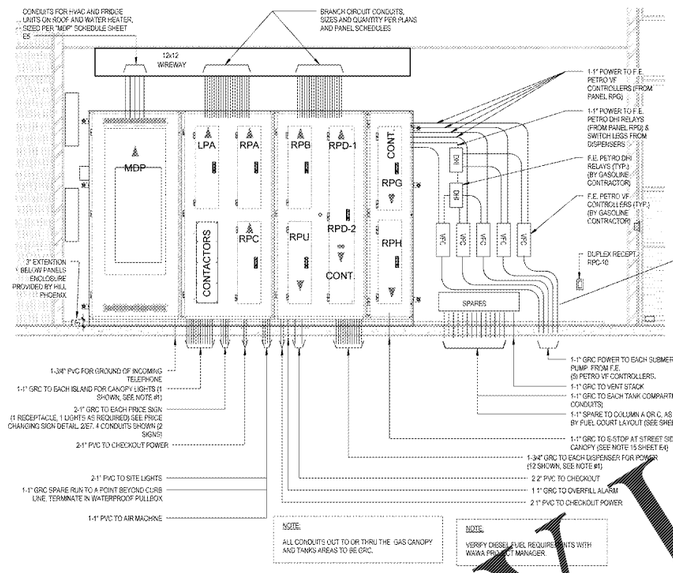
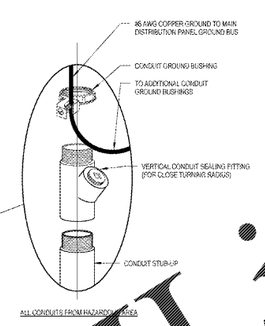
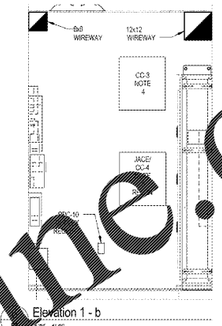


1 E6 ELECTRICAL ROOM - PLAN
1/2" = 1'-0"



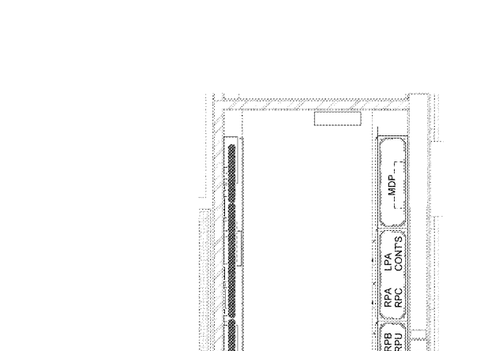
4 E6 Elevation 1 - c
1/2" = 1'-0"



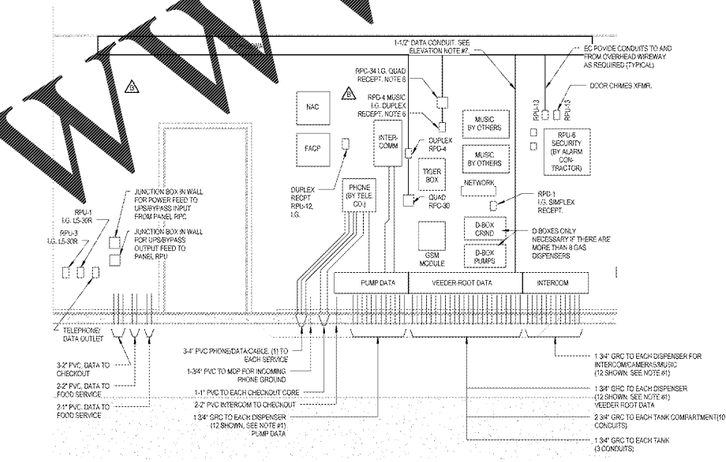


ELECTRICAL ROOM ELEVATION NOTES:

1. CONDUIT LAYOUT PLAN SHOWN ON PLAN HAS PROVISIONS FOR 12 DISPENSERS. THE ACTUAL NUMBER OF CONDUITS REQUIRED WILL BE DEPENDENT ON THE CANOPY CONFIGURATION, AND ACTUAL NUMBER OF DISPENSERS INSTALLED. IF FEWER DISPENSERS ARE INSTALLED, AND THEREFORE SUFFICIENT SPACE EXISTS, THE CONDUITS ARE TO BE INSTALLED IN A SINGLE ROW.
2. PROVIDE 2" UNDERGROUND CONDUIT FROM SPARE'S WIREWAY TO INTERCOM WIREWAY FOR COMMUNICATION/DATA WIRING, SEE SHEET E4.
3. ALL SPARE CONDUITS WHICH TRAVERSE THE HAZARDOUS AREA SHOULD BE PACKED WITH MINERAL FIBER FOLLOWED WITH DUCT SEAL, AND THEN SEALED WITH A THREADED PLUG OR CAP AS APPROPRIATE FOR THE SPECIFIC CONFIGURATION AT EACH END OF THE CONDUIT.
4. PANEL CC-3 AND REQUIRED CONDUIT SHALL BE PROVIDED BY BAS CONTRACTOR CONNECTED TO PANEL RPG 22-24/26.
5. PANEL JACE/CC-4 AND REQUIRED CONDUIT SHALL BE PROVIDED BY BAS CONTRACTOR.
6. JUNCTION BOX, RECEPTACLES, AND ASSOCIATED CONDUIT TO HILL PHOENIX PANEL SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. JUNCTION BOX SHALL BE SURFACE MOUNTED.
7. RUN 1-1/2" CONDUIT TO MANAGER'S OFFICE. RUN CONDUIT DOWN INSIDE MANAGER'S OFFICE WALL AND AND STUB-OUT AT VEEDER ROOT EQUIPMENT LOCATION. ALSO, RUN 1" CONDUIT FROM MANAGER'S OFFICE VEEDER ROOT ABOVE CEILING TO PANEL RPG IN ELECTRICAL ROOM.
8. ALL CONDUITS RUNNING OUT TO CLASS I DIV AREAS SUCH AS THE GAS CANOPY AND TANKS AREA SHALL BE GRS TYPE CONDUIT FOR ENTIRE RUN OF CONDUIT. CONDUITS TO OTHER AREAS SUCH AS MONUMENT SIGNS, AIR PUMP, SITE LIGHTING, ETC. MAY BE PVC.



2 E6 300KW CONNECTION BOX DETAIL
1 1/2" = 1'-0"



5 E6 Elevation 1 - a
1/2" = 1'-0"

GASOLINE CONDUIT REQUIREMENTS:

(1) 1" GRC SPARE TO COLUMN A OR C AS DICTATED BY FUEL COURT LAYOUT. (SEE SHEET CE1)

(1) 1" GRC TO CANOPY COLUMN FOR LIGHTING. (COLUMN FURTHEST FROM STORE) - COLUMN B. (SEE SHEET CE1 FOR COUNT)

(4) 3/4" GRC TO EACH DISPENSER. (1 POWER, 1 DATA, 1 MUSIC/INTERCOM, 1 VEEDER ROOT SENSOR)

(2) 1" GRC TO EACH TANK STP CONTAINMENT SUMP. F.E. PETRO POWER (1 POWER, 1 SPARE)

(1) 3/4" GRC TO EACH TANK STP CONTAINMENT SUMP. (VEEDER-ROOT MAGNOSTRICTIVE PROBE AND VEEDER ROOT SENSOR)

(1) 3/4" GRC TO EACH TANK MULTIPORT CONTAINMENT SUMP. (VEEDER-ROOT MULTI-PORT FILL SUMP)

(1) 3/4" GRC TO EACH TANK. (VEEDER-ROOT BRINE INTERSTITIAL RESERVOIR)

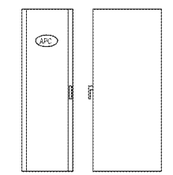
(1) 1" GRC TO OVERFILL ALARM. (ON VENT STACK)

(1) 1" GRC TO VENT STACK (SPARE)

(1) 1" GRC TO E-STOP AT STREET SIDE OF GAS CANOPY (SEE NOTE 15 ON SHEET E4)

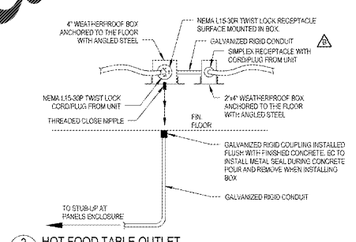
BUILDING AUTOMATION SYSTEM (BAS)

GENERAL CONTRACTOR TO INSTALL WATER METER/SI FOR B.A.S. PER PLUMB#2 DRAWINGS P4, AND PROVIDE UNDERGROUND CONDUIT TO EQUIPMENT #CS-2 SHOWN ON DRAWING EQ. B.A.S., REFRIGERATOR COMPANY INSTALLERS SHALL SUPPLY AND INSTALL B.A.S. AND CENTRAL WIRING PER CURRENT EDITION OF "BUILDING AUTOMATION SYSTEM 2010 (LITE) MASTER-FILE" NEW STORES B.A.S. MASTER SPECS" BY HVAC CONCEPTS INC. AND AVAILABLE IN PLAN EXPRESS PROJECT FOLDER.



APPROXIMATE DIMENSIONS: 22"W X 29.5"D X 70"H

7 E6 DATA CABINET DETAIL
1/2" = 1'-0"



3 E6 HOT FOOD TABLE OUTLET
NOT TO SCALE

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CLIENT NAME
WAWA
260 WEST BALTIMORE PIKE
WAWA, PENNSYLVANIA 19063

PROJECT NAME
WAWA F85FB 2017.01 STORE #5254-OKE
OKEECHOBEE RD. & JENKINS RD
FT. PIERCE, FLORIDA

SHEET TITLE
ELECTRICAL ROOM PLAN AND ELEVATIONS

Revision Schedule		
No.	Description	Date
1	PERMIT SET	06/30/2017
2	REV. 2017.01	07/26/2017
3	PRE-BID REVIEW SET	07/26/2017
4	BID SET	08/09/2017

PROJECT NO. 2150020
DATE 08.30.2017
DRAWN MJ
CHECKED JHK

E6