

1. REFER TO LIGHTING PLAN FOR OCCUPANCY SENSOR LOCATIONS AND QUANTITIES. **\OCCUPANCY SENSOR CONTROL DETAIL** 

E-4.0 NOT TO SCALE — SEE NOTE 1,2 (TYPICAL) └─ LED FIXTURE HOUSING SEE NOTE 1,3,4,5 (TYPICAL) PARAPET ——



## GENERAL NOTES

- 1. PLACE LED FIXTURE AT DESIRED LOCATION AND INSTALL FIXTURE FROM LEFT TO RIGHT WHEN FACING ARCADE AND ATTACH POWER SUPPLY AND MOUNTING BRACKET AS RECOMMENDED BY MANUFACTURER.
- 2. EC SHALL CONNECT NEW FIXTURES TO THE NEXT AVAILABLE SPARE 120V CIRCUIT AND MAKE ALL ELECTRICAL CONNECTIONS AS REQUIRED FOR A COMPLETE OPERATING SYSTEM.
- 3. POWER SUPPLY SHALL ALWAYS BE INSTALLED TO THE LEFT SIDE OF FIXTURE WHEN FACING
- 4. OVERALL FIXTURE RUN TO BE CENTERED ON OVERALL LENGTH OF WALL.

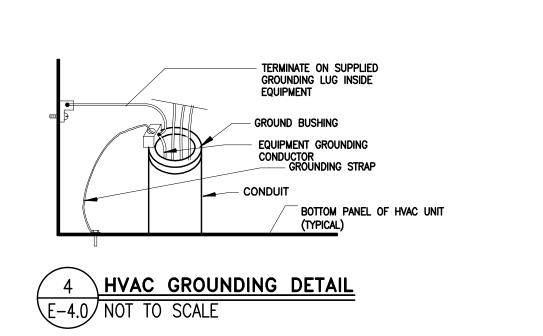
ROOF

5. CONNECT NEW LED FIXTURES TO EXISTING LIGHTING CIRCUIT(S) AS REQUIRED. ENSURE THAT CIRCUIT BREAKER AND CONDUCTOR SIZES DO NOT EXCEED 1200 WATTS ON A 15A CIRCUIT AND 1600 WATTS ON A 20A CIRCUIT. VERIFY EXISTING CONDITIONS AND REQUIREMENTS IN FIELD. PROVIDE ADDITIONAL CIRCUITS (C.B., WIRING, CONDUITS) AS REQUIRED.

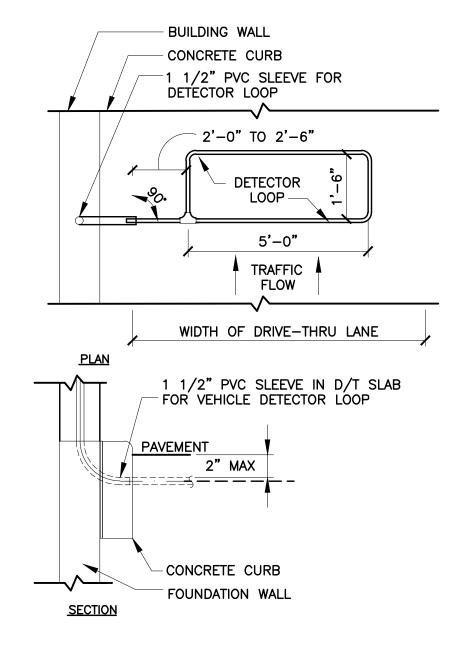
CONDUIT, WIRE SIZE AND

## GROUNDING FOR HVAC UNITS

HACR BRKR SIZE	CONDUIT & WIRE SIZE
40A	1"C-3#8
45A	1"C-3#6
50A	1"C-3#6
60A	1"C-3#6
70A	1-1/4"C-3#4
80A	1-1/4"C-3#3
90A	1-1/4"C-3#3
100A	1-1/4"C-3#2
125A	1-1/2"C-3#1
150A	1-1/2"C-3#1/0
175A	2"C-3#2/0
200A	2"C-3#3/0
225A	2"C-3#4/0
250A	2-1/2"C-3#250



THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL COORDINATION OF ALL ELECTRICAL FEEDERS AND CIRCUIT BREAKERS WITH THE MANUFACTURER'S WRITTEN DATA FOR EACH MECHANICAL DEVICE PRIOR TO SUBMITTAL OF ANY ELECTRICAL EQUIPMENT FOR REVIEW. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY CHANGES TO ELECTRICAL FEEDERS OR CIRCUIT BREAKERS REQUIRED FOR ANY MECHANICAL DEVICES.



B - DT WINDOW DETECTOR LOOP

TAG # QTY DESCRIPTION

004.20E3 1 MENU BOARD - DIGITAL

216.05E9 1 ORB MONITOR

004.21E1 1 MENU BOARD - DIGITAL - MEDIA PLAYER

2'-0" TO 2'-6" LOOP -5'-0" TRAFFIC FLOW - CONCRETE CURB SEE CIVIL WIDTH OF DRIVE-THRU LANE LEAD IN WIRES COD POST AND FOUNDATION - SEE CONCRETE CURB SEE CIVIL -1 1/2" PVC SLEEVE FOR VEHICLE DETECTOR LOOP SECTION A - C.O.D. DETECTOR LOOP

-1-1/2" PVC CONDUITS TO BUILDING FOR:

• LOOP DETECTOR & AUDIO

- COD POST FOUNDATION - SEE CIVIL

-1 1/2" PVC SLEEVE FOR DETECTOR LOOP

-1/2" STEEL CONDUIT TO BUILDING FOR COD

DATA CABLE

1. VERIFY CONDUIT SIZES AND LAYOUT WITH DETECTOR LOOP MANUFACTURER.

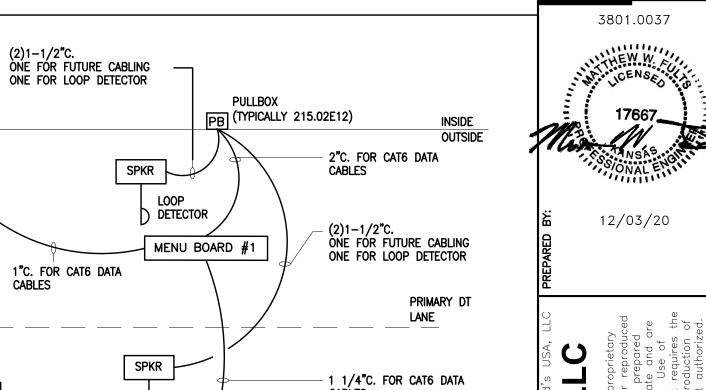
RECOMMENDATIONS.

2. CENTER VEHICLE DETECTOR LOOP (ITEM #

217.11E1) IN DRIVE THRU LANE. INSTALL PER MFR.

- 3. SEE CIVIL FOR DIMENSIONS OF DRIVE-THRU LANE CONCRETE PAD FOR DETECTOR LOOP.
- 4. NO STEEL (REBAR OR ELECTRICAL WIRE) SHALL BE USED WITHIN 2' OF LOOP.
- 5. <u>DETECTOR LOOP MANUFACTURERS</u> FOLLOWINGS COMPANIES OR EQUAL.
- 7. DETECTOR LOOP CONSTRUCTION:

DETECTOR LOOPS MAY BE BY ONE OF THE 3M: 1-800-328-0033 HME: 1-800-848-4468 6. DETECTOR LOOP MATERIAL: PVC TUBING 1/2" I.D. 100 PSI LOOP MADE FROM ONE LENGTH OF THIN FOURTEEN GAUGE STRANDED WIRE. LEAD-IN IS PRE-TWISTED AT FACTORY. FORMED WITH ONE CONTINUOUS LENGTH OF PVC WITH NO SHARP CORNERS AS DETAILED. WIRE LOOPED, FORMED, & PIGTAILED AS DETAILED.



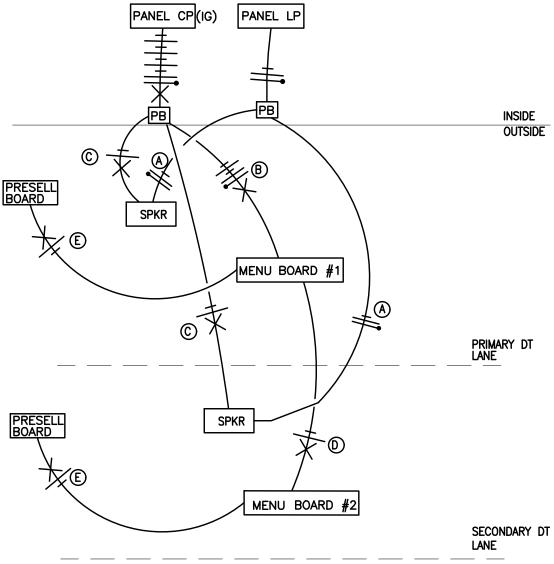
SECONDARY DT

DT LOW VOLTAGE CONDUIT DIAGRAM

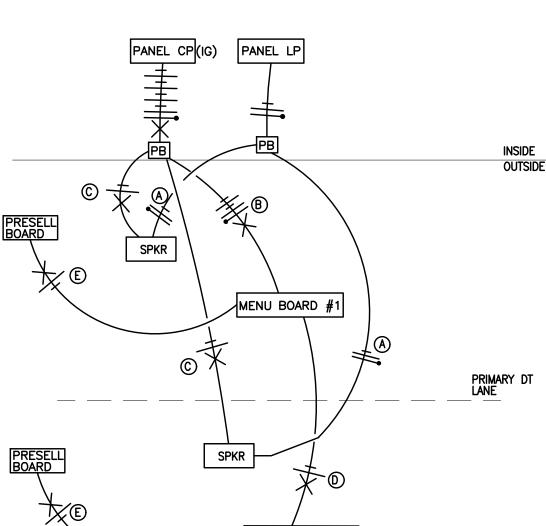
MENU BOARD #2

DETECTOR

1"C. FOR CAT6 DATA



DRIVE THRU POWER DIAGRAM



CANOPY/STAND. EACH CANOPY/STAND SHALL BE ON

D 2#12 & 1#12 GND & 1#12 ISOLATED GND., TO CP FOR ISOLATED GROUND POWER TO MENUBOARDS

\* VERIFY EXACT CIRCUITS & QUANTITIES OF CIRCUITS WITH PANEL SCHEDULES AND MANUFACTURERS

CP FOR ISOLATED GROUND POWER TO MENUBOARDS

(A) 2#12 & 1#12 GND. TO LP-1 FOR COD CANOPY

B 4#12 & 1#12 GND & 1#12 ISOLATED GND., TO

© 2#12 & 1#12 GND & 1#12 ISOLATED GND., TO CP FOR ISOLATED GROUND POWER TO SPEAKER

(E) 2#12 & 1#12 GND & 1#12 ISOLATED GND., TO

CP FOR ISOLATED GROUND POWER TO FOR PRESELL

INSTALLATION INSTRUCTIONS.

AND MEDIA PLAYERS.

AND MEDIA PLAYERS.

ITS OWN SEPARATE CIRCUIT.

BOARDS AND MEDIA PLAYER.

S McDonald'

BB20

015-0071.00.B

JB WITH ONE (1)

1 1/2" CONDUIT TO
ABOVE CELLING WITH
BUSHINGS FOR DATA
CABLES

216.05 E9

RECESSED 4X12 ALIAINIUM
FIXED BLADE LOUVER TO
EXHAUST INTO CAVITY. GC TO
PROVIDE (1) LOUVER PER DMB.
CENTER AROUND STUD SPACING. 1'-1 1/2" CONDUITS TO ORDER READY BOARD. CENTER ON PICKUP FULL HEIGHT DIGITAL -MERCHANDISER (4.20 E3) NOTE: <u>OPTION 1</u> IS PREFERRED IF AREA BEHIND BOARDS IS A NON-CUSTOMER AREA AND MEDIA PLAYERS WON'T BE INSTALLED ABOVE FOOD PREP. SLEEVES SHOULD NOT BE INSTALLED WITHIN CUSTOMER VIEW. IF AREA BEHIND MENU BOARDS IS DINING, RESTROOMS, OR OTHER CUSTOMER-FACING LOCATION, USE OPTION 2. RECESSED MENU BOARDS

E-4.0 NOT TO SCALE

**ELECTRICAL SCHEDULE** 

DETECTOR LOOP DETAILS