

### LIGHT FIXTURE SCHEDULE

FIXT LTR	MANUFACTURER	CATALOG NUMBER	LAMPS		FIXT. VOLT.	FINISH	MOUNTING	REMARKS
			NO.	TYPE				
A	GVA LIGHTING	IP-SF-3	-	204W LED TOTAL	120	WHITE	SURFACE	◇
B	GVA LIGHTING	IP-SF-3	-	240W LED TOTAL	120	WHITE	SURFACE	◇
C	GVA LIGHTING	IP-SF-3	-	180W LED TOTAL	120	WHITE	SURFACE	◇

### LIGHT FIXTURE SCHEDULE NOTES

ICE  
 LIGHT FIXTURE SCHEDULE NOTES:  
 ◇ PROVIDE 1 STRAND OF EACH AMBER, RED, BLUE, GREEN, AND WHITE FOR LENGTH SHOW. WHITE TO BE SPECIFIED AT 4000K.  
 ◇ PROVIDE 12' STRANDS OF AMBER. 6' STRANDS ON BOTH SIDES OF RAIL GRASS.

### SYMBOL LIST

SYMBOL	DESCRIPTION	MOUNTING
(A)	FLUORESCENT FIXTURE & FIXTURE LETTER	CEILING
(A)	FLUORESCENT FIXTURE & FIXTURE LETTER	CEILING
(A)	INCAND. OR H.I.D. FIXTURE & FIXT. LETTER	SURF./RECESSED
(A)	INCAND. OR H.I.D. FIXTURE & FIXT. LETTER	WALLBRACKET
(A)	EXIT FIXT. - SHADING DENOTES FACE(S)	CEIL./WALL
(E)	EMERGENCY LIGHT	CEIL./WALL
(E)	GFCI DUPLEX GROUNDED RECEPTACLE	1'-3" AFF
(E)	DUPLEX GROUNDED RECEPTACLE	1'-3" AFF
(E)	EXTERIOR QUAD. RECEPT. WEATHERPROOF	1'-3" AFF
(E)	DOUBLE DUPLEX RECEPTACLE	1'-3" AFF
(E)	SPECIAL OUTLET, SEE SCHEDULE OR AS NOTED	
(E)	OCCUPANCY SENSOR, SEE SCHEDULE OR AS NOTED	
(E)	PHONE/DATA OUTLET	1'-3" AFF
(E)	DATA OUTLET	1'-3" AFF
(E)	CATV OUTLET	1'-3" AFF
(E)	TELEPHONE OUTLET (P=PAY, 44" W= 44")	1'-3" AFF
(E)	SWITCHES (1-POLE, 3-WAY, 4-WAY, PILOT, KEY)	4'-0" TO TOP
(E)	JUNCTION BOX	
(E)	FUSTAT	
(E)	SPECIAL DEVICE AS NOTED ON PLAN	
(E)	BRANCH CIRCUIT PANEL & PANEL DESIG.	6'-6" TO TOP
(E)	H.D. SAFETY SWITCH (AMPS, POLE, VOLTAGE)	6'-6" TO TOP
(E)	STARTER (SIZE, POLE, VOLTAGE)	6'-6" TO TOP
(E)	PLAN NOTE	
(E)	MOTOR	
(E)	CONDUIT RUN W/ CONDUCTORS SEE NOTE #7	CEIL./WALL
(E)	CONDUIT RUN 2 CIRCUIT, SEE NOTE #7	EARTH/FLOOR
(E)	PARTIAL HOMERUN (MULTIPLE LOAD LOCATIONS)	
(E)	FEEDER 30.3 30A CIRCUIT SEE NOTE #7	
(E)	CIRCUIT SUPPLIED FROM EMERGENCY SYSTEM	
(E)	FEEDER IDENTIFICATION, SEE SCHEDULE	
(E)	CT	SEE NOTE #8
(E)	WP	WEATHERPROOF
(E)	EM	ITEM SUPPLIED FROM EMERGENCY SYSTEM
(E)	a,b,c	INDICATES SWITCHING SCHEME

### CU FEEDER SCHEDULE

FEEDER IDENT.	SETS	QUANT PER SET	CONDUCTORS SIZE	GROUND SIZE PER SET	ISOLATED GRD. SIZE PER SET	CONDUIT SIZE PER SET
30.X	1	SEE NOTE 'b'	#10	#10	1/2"	
40.X	1	SEE NOTE 'b'	#8	#10	3/4"	
50.X	1	SEE NOTE 'b'	#6	#10	1"	
60.X	1	SEE NOTE 'b'	#4	#8	1 1/4"	
70.X	1	SEE NOTE 'b'	#4	#8	1 1/4"	
80.X	1	SEE NOTE 'b'	#3	#8	1 1/4"	
90.X	1	SEE NOTE 'b'	#2	#6	1 1/4"	
100.X	1	SEE NOTE 'b'	#1	#6	1 1/2"	
150.X	1	SEE NOTE 'b'	#1/0	#6	2"	
200.X	1	SEE NOTE 'b'	#3/0	#6	2"	
225.X	1	SEE NOTE 'b'	#4/0	#4	2-1/2"	
250.X	1	SEE NOTE 'b'	#250 KCMIL	#4	2-1/2"	
300.X	1	SEE NOTE 'b'	#350 KCMIL	#4	3"	
400.X	1	SEE NOTE 'b'	#500 KCMIL	#3	3-1/2"	
450.X	2	SEE NOTE 'b'	#4/0	#2	2-1/2"	
500.X	2	SEE NOTE 'b'	#250 KCMIL	#2	2-1/2"	
600.X	2	SEE NOTE 'b'	#350 KCMIL	#1	3"	
800.X	2	SEE NOTE 'b'	#500 KCMIL	#1/0	3-1/2"	
1200.X	4	SEE NOTE 'b'	#350 KCMIL	#3/0	3"	
1600.X	5	SEE NOTE 'b'	#400 KCMIL	#4/0	3-1/2"	

FEEDER SCHEDULE NOTES:  
 a. THIS PROJECT MAY NOT REQUIRE ALL FEEDER TYPES LISTED IN THIS SCHEDULE.  
 b. THE NUMBER OF CONDUCTORS WILL BE BASED ON THE FOLLOWING NOTATION AT THE END OF EACH FEEDER TAG:  
 EXAMPLE: XXXX.X  
 AMPACITY  
 XXXX.XS: INDICATES THE SERVICE FEEDER SIZE, AND NUMBER OF CONDUCTORS. NO GROUND SHALL BE REQUIRED FOR SERVICE FEEDERS.  
 XXXX.2: INDICATES (2) HOT CONDUCTORS (OR 1 HOT + 1 NEUTRAL) FOR SINGLE PHASE CONNECTIONS  
 XXXX.3: INDICATES (3) HOT CONDUCTORS FOR THREE PHASE CONNECTIONS  
 XXXX.4: INDICATES (3) HOT CONDUCTORS & (1) NEUTRAL CONDUCTOR, FOR THREE PHASE CONNECTIONS

### GENERAL NOTES

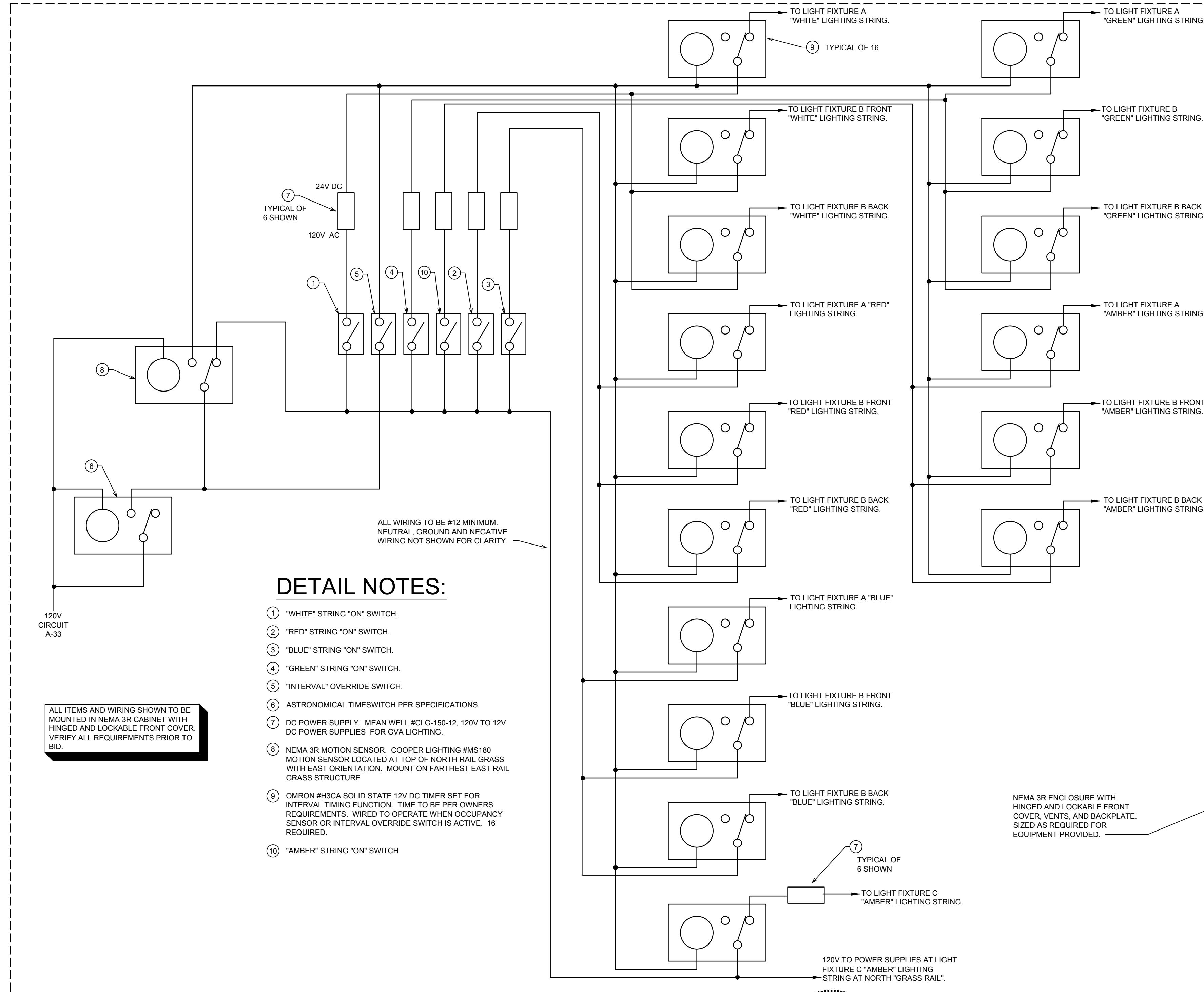
- ICE
- VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN.
  - REFER TO RELATED CIVIL, AND STRUCTURAL DRAWINGS FOR RELATED INFORMATION.
  - REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
  - COORDINATE OUTLET BOX LOCATIONS WITH MASONRY TO MINIMIZE CUTTING OF BRICK OR BLOCK.
  - ALL MOUNTING HEIGHTS TO BOTTOM OF ITEM UNLESS OTHERWISE NOTED.
  - CONDUIT RUN W/CONDUCTORS AS INDICATED, CONDUIT SIZE AS REQUIRED. CONDUIT RUN TO PANEL DEVICE SIZE AS INDICATED (AMP/ POLE). CIRCUIT WITHOUT INDICATION IS ROUTED TO 20A, 1P, BREAKER. CONDUCTOR COUNT IS NOT SHOWN ON THE DRAWINGS FOR #12 SIZE CONDUCTORS. ELECTRICAL CONTRACTOR SHALL PROVIDE NUMBER OF CONDUCTORS AS REQUIRED FOR CIRCUITING, SWITCHING AND/OR CONTROL AS REQUIRED. ALL REQUIREMENTS OF THE CURRENT NATIONAL ELECTRICAL CODE SHALL BE FOLLOWED FOR CONDUIT FILL AND CONDUCTOR DE-RATING IF APPLICABLE.
  - "CT" INDICATED ADJACENT TO DEVICE INDICATES DEVICE IS MOUNTED ABOVE BACKSPASH OF COUNTER TOP. VERIFY EXACT HEIGHT WITH ARCHITECTURAL PLANS AND ELEVATIONS.
  - A GROUND CONDUCTOR SIZED PER N. E. C. ARTICLE 250 IS REQUIRED IN ALL POWER, RECEPTACLE, AND LIGHTING CIRCUITS. GROUND CONDUCTORS ARE NOT SHOWN ON DRAWINGS.

### LIGHTING MANAGEMENT DEVICE SCHEDULE

SYMBOL	DESCRIPTION
(A)	PROVIDE MS180 SERIES SENSOR. SENSOR TO BE MOUNTED UP HIGH ON TOP OF RAIL GRASS. SEE DETAIL C/E'S FOR MORE INFORMATION ON MOUNTING.

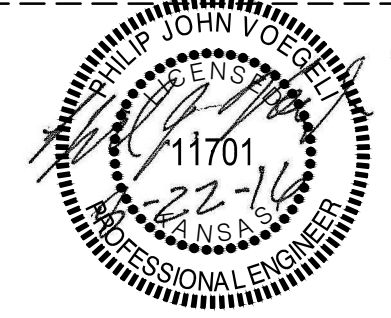
### SPECIAL OUTLET SCHEDULE

SYMBOL	DESCRIPTION
(A)	FOOD TRUCK CONNECTION. 50A, 120/208V, 1Ø PLUS GROUND. FLUSH WALL MOUNTED J-BOX FOR FOOD TRUCK POWER CONNECTION. VERIFY MOUNTING HEIGHT. SUCCESSFUL ELECTRICAL CONTRACTOR SHALL VERIFY WITH OWNER PRIOR TO ROUGH-IN AND PROVIDE ACTUAL SIZE OF BREAKER, WIRE, CONDUIT, AND CONFIGURATION REQUIRED FOR EACH UNIT.



## LIGHTING CONTROL DIAGRAM

SCALE: NO SCALE



Drawing File: M:\2016\16223.00-015 - Rail Yard Stage\Electrical Files\16223.00-015.dwg  
 Project No. 1410-e149 CAPITAL IMPROVEMENT PROJECT  
 Design: PV  
 Drawn: CK  
 Approved: PV  
 Scale: NOTED  
 COMMERCIAL PARKING LOT SITE PLAN  
 COMMERCIAL ART DISTRICT