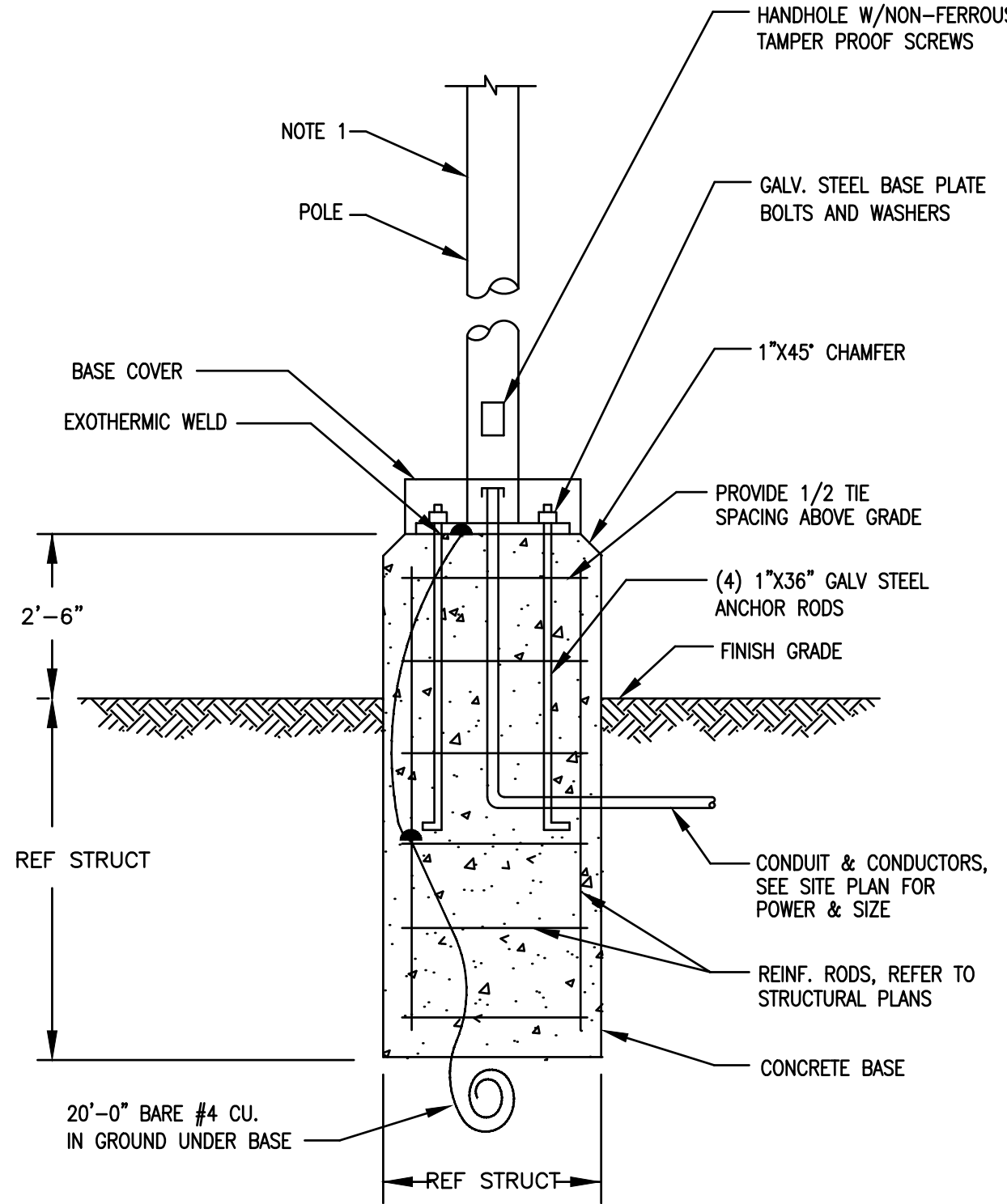


KEYNOTES - POWER	
1	NOT USED.
2	(1) 3/4" C WITH PULL WIRE FOR DATA. COORDINATE FINAL LOCATION AND ROUTING WITH SIGN CONTRACTOR AND OWNER REPRESENTATIVE PRIOR TO TRENCHING.
3	NOT USED.
4	PROPOSED LOCATION OF UTILITY TRANSFORMER. E.C. SHALL COORDINATE WITH ARCHITECT & UTILITY COMPANY FOR EXACT LOCATION.
5	USE 2#10, #10G IN 1" CONDUIT.

REFER TO SHEET E2.1 FOR
EXTERIOR LIGHTING
CONTROLS AND REQUIREMENTS

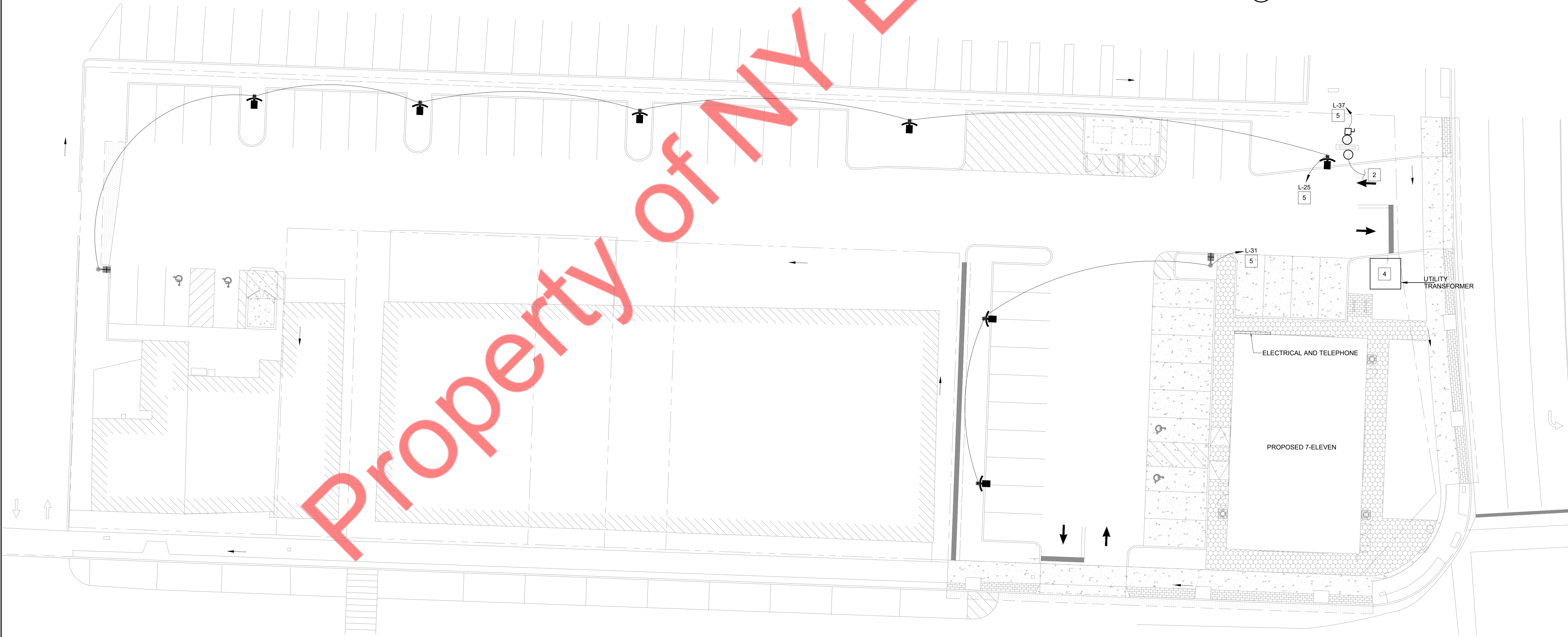
REFER TO SHEET E1.1 FOR
WIRE AND CIRCUIT SIZES.

COORDINATE EXACT
LOCATION AND QUANTITY OF
EXTERIOR SIGNS WITH SIGN
PACKAGE

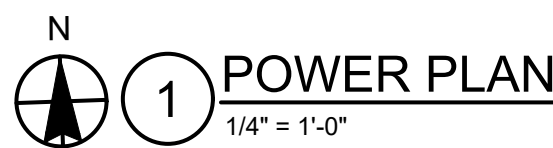
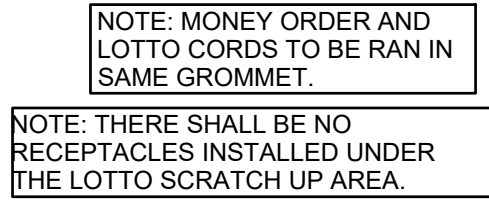


NOTE 1: FOR TOTAL HEIGHT OF POLE FROM GROUND REFER TO PHOTOMETRIC PLAN.

2 LIGHT POLE BASE ELECTRICAL DETAIL
N.T.S.
















1 SITE POWER PLAN
1/16" = 1'-0"



1. ALL RECEPTACLES SERVED FROM PANEL "S" SHALL BE OF THE ISOLATED GROUND TYPE. ALL CIRCUITS SHALL CONTAIN A HOT, NEUTRAL, GROUND AND ISOLATED GROUND CONDUCTOR.
2. AMPACITY OF ALL CONDUCTOR SIZES SHOWN ON PLANS IS BASED ON 75°C RATED TERMINATIONS AND CONDUCTOR INSULATION. CONTRACTOR SHALL FIELD VERIFY EQUIPMENT TEMPERATURE RATINGS OF ALL TERMINATIONS AND ADJUST CONDUCTOR SIZES PER NEC 110.14(C)
3. ALL WIRING IS COPPER. REFER TO ELECTRICAL SPECIFICATIONS FOR FURTHER INFORMATION.
4. ALL WALL MOUNTED RECEPTACLES SHALL BE 18" A.F.F. ON CENTER, UNLESS NOTED OTHERWISE.
5. FURNISH AND INSTALL CORD AND CAP FOR ALL EQUIPMENT CONNECTED TO NEMA L-14R RECEPTACLE.
6. G.C. TO COORDINATE POWER REQUIREMENTS FOR EXTERIOR SIGNAGE.
7. THE UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTIWIRED BRANCH CIRCUIT SHALL BE GROUPED BY WIRE TIES OR SIMILAR MEANS AT LEAST ONE LOCATION WITHIN THE PANELBOARD OR OTHER POINT OF ORIGINATION. REF 2011 NEC (210.4(D))
8. EACH MULTIWIRED BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUITS ORIGINATES. REF 2011 NEC (210.4)
9. CONDUITS THAT ARE EXPOSED TO WIDELY DIFFERENT TEMPERATURES, SUCH AS COOLERS, FREEZERS OR SERVICE ENTRANCE CONDUIT, SHALL BE SEALED TO PREVENT CIRCULATION OF AIR AND/OR MOISTURE. REF 2011 NEC (300.7 (A))
10. CONDUIT AND WIRING IN AREAS WHERE EXPOSED SHALL BE ROUTED AT 90 DEGREE ANGLES PERPENDICULAR OR PARALLEL TO JOISTS. COORDINATE PAINTING OF CONDUIT WITH ARCHITECTURAL FINISHES.

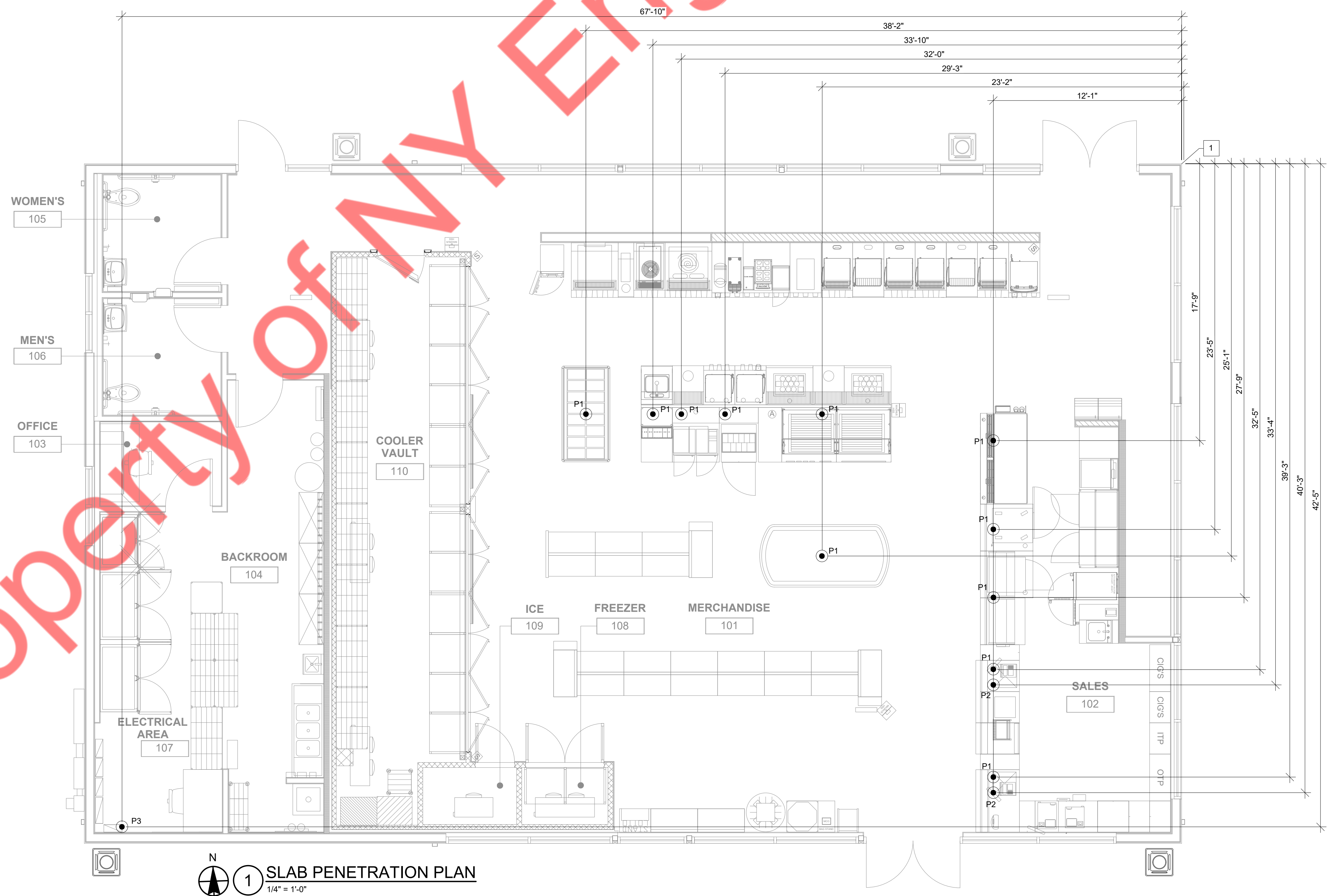
SYMBOL LEGEND

	TELEPHONE/ DATA OUTLET		SPECIAL RECEPTACLE (SEE NEMA CONFIG)
	JUNCTION BOX		FUSED DISCONNECT
	125 V RECEPTACLE, DUPLEX		NON-FUSED DISCONNECT
	125 V RECEPTACLE, CEILING MOUNT DUPLEX		WALL SWITCH
	125 V RECEPTACLE, SIMPLEX		PANEL BOARD
	125 V RECEPTACLE, DOUBLE DUPLEX		WEATHERPROOF SPEAKER
			FUEL E-STOP

(NOTE: NOT ALL SYMBOLS ARE USED)

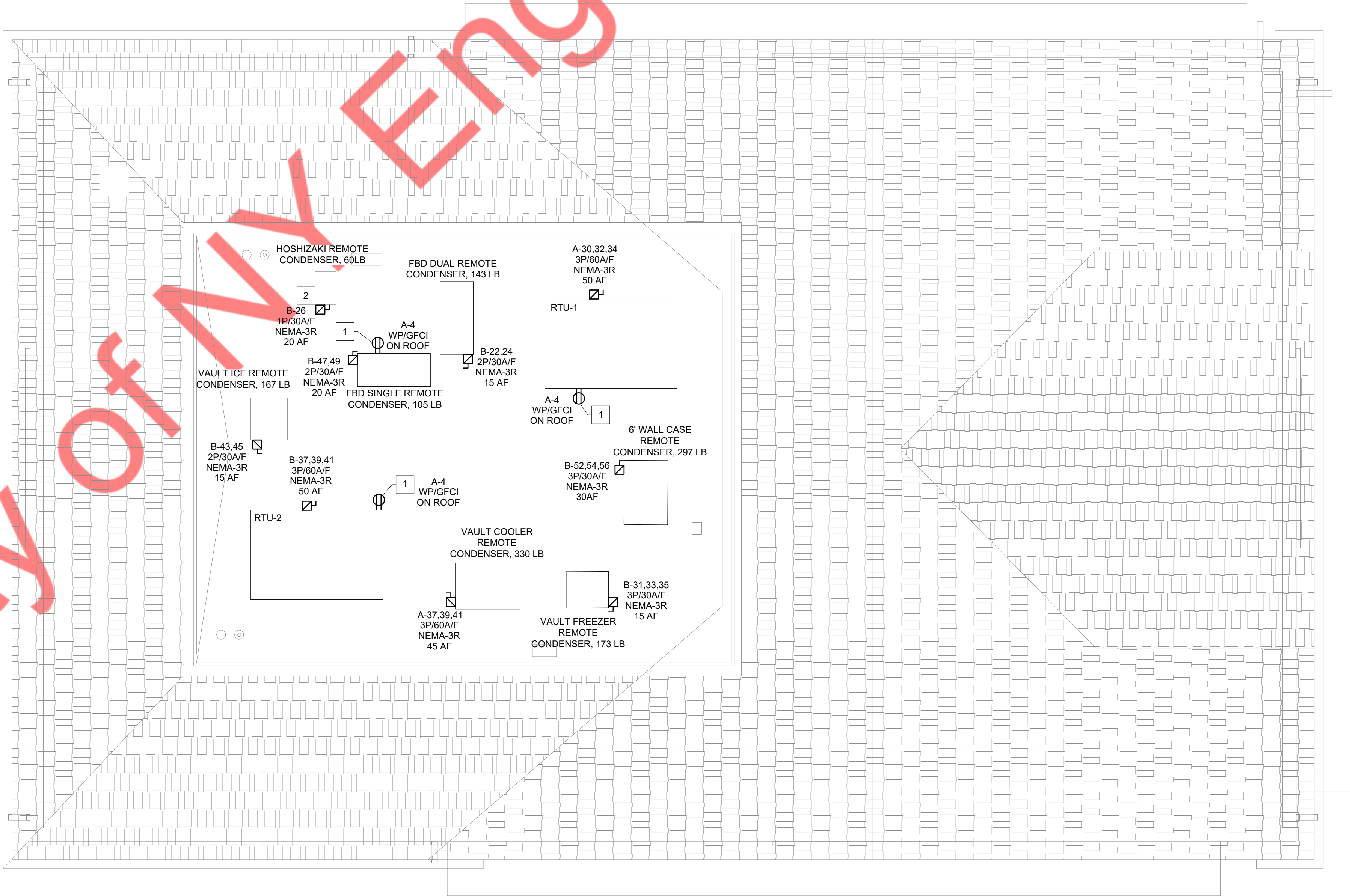
UNDERGROUND CONDUIT SCHEDULE		
DESIGNATOR	CONDUIT SIZE	NOTE
P1	3/4"	REFER TO E 1.0 FOR ELECTRICAL CIRCUITS. VERIFY LOCATION IS ACCEPTABLE AND FREE OF OBSTACLES PRIOR TO TRENCHING.
P2	2"	REFER TO E 1.4 FOR DATA CIRCUITS. VERIFY LOCATION IS ACCEPTABLE AND FREE OF OBSTACLES PRIOR TO TRENCHING.
P3	--	COORDINATE CONDUIT SIZE, TYPE, QUANTITY AND LOCATIONS WITH FUELING. VERIFY LOCATION IS ACCEPTABLE AND FREE OF OBSTACLES PRIOR TO TRENCHING.

KEYED NOTES - SLAB	
1	DIMENSIONS TAKEN FROM GRIDLINES.



1 SLAB PENETRATION PLAN
1/4" = 1'-0"

KEYNOTES - POWER HVAC/R	
1	SERVICE RECEPTACLE, WEATHERPROOF GFCI ON ROOF.
2	CONDENSER TO BE POWERED BY ICE MACHINE IN SODA DISPENSER WITH 2#12, #12G, 1" C.

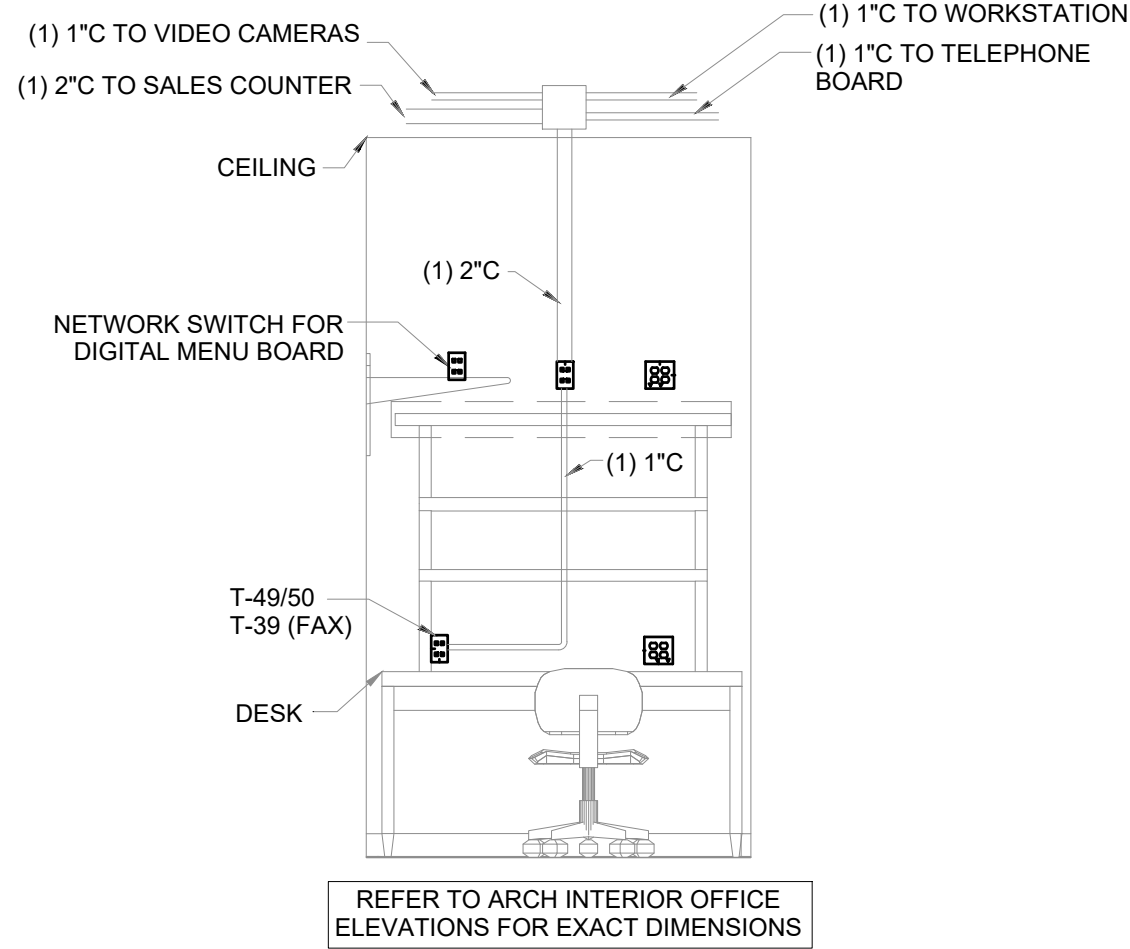


PHONES					
DESIGNATION	LINE	CONDUIT	SIZE	FROM	TO
T-49/50	STORE VOICE LINE, LOCATED AT SALES AREA, MGR'S OFFICE & RIS WORK STATION.	THROUGH CONDUIT	1"	TELEPHONE BOARD	BACK ROOM 10" X 10" J-BOX & THEN TO FRONT SALES COUNTER
T-30	MONEY ORDER, LONG DISTANCE CARDS (LDC) AND EBT (FOOD STAMP PROGRAM)	THROUGH CONDUIT	1"	TELEPHONE BOARD TO RIS, FROM RIS 10" X 10" TO SALES	FRONT SALES COUNTER
T-39	FAX LINE AT RIS WORKSTATION	THROUGH CONDUIT	1"	TELEPHONE BOARD ABOVE CLG TO RIS 10" X 10"	WORKSTATION
T-75	V-COM LINE	THROUGH CONDUIT	1"	TELEPHONE BOARD	ATM LOCATION

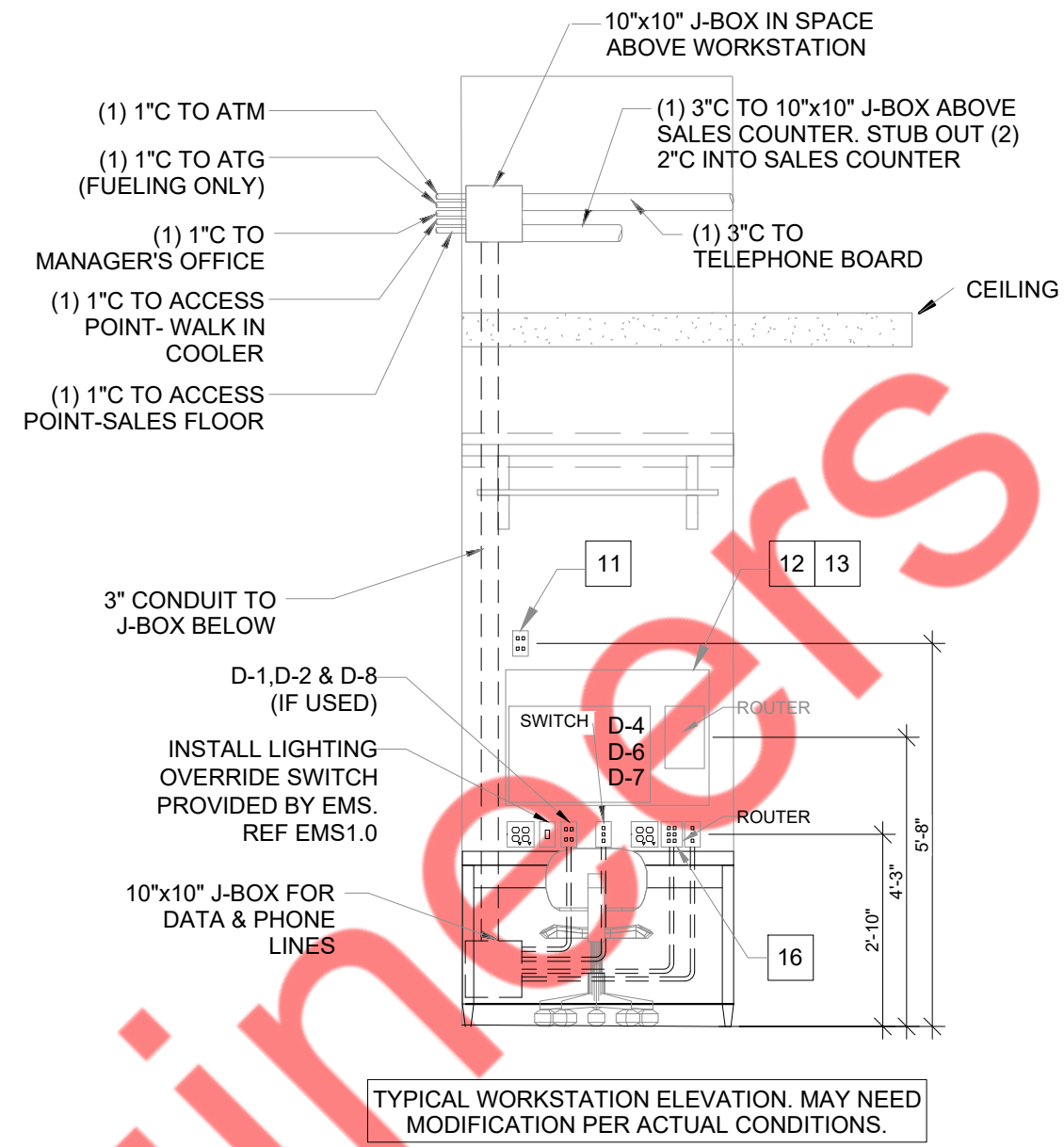
NOTE: ALL PHONE LINES TRAVEL FROM DEMARC THROUGH 3" CONDUIT TO 10" X 10" J-BOX MOUNTED ABOVE ISP.

DATA					
DESIGNATION	LINE	CONDUIT	SIZE	FROM	TO
D-1	COMPUTER AT REGISTER #1	IN SLAB	1"	10" X 10" J-BOX @ WORKSTATION AREA	SALES AREA
D-2	COMPUTER AT REGISTER #2	IN SLAB	1"	10" X 10" J-BOX @ WORKSTATION AREA	SALES AREA
D-3	HOLD-UP BUTTON	IN SLAB	1"	MGRS OFFICE	SALES AREA - REGISTER #1
	CAMERA SIGNAL	THROUGH CEILING		10" X 10" J-BOX @ WORKSTATION AREA	SALES AREA - REGISTER #1
D-4	MONEY ORDER	IN SLAB	1"	10" X 10" J-BOX @ WORKSTATION AREA	SALES AREA - REGISTER #2
D-5	ATG	THROUGH CONDUIT TO ELECTRIC ROOM	1"	ISP DESK - ATG MONITOR	(ELECTRIC ROOM) FUEL TANKS
D-6	LOTTO	THROUGH CONDUIT IN SLAB	1"	10" X 10" J-BOX @ WORKSTATION AREA	SALES AREA
D-7	ATM	THROUGH OVERHEAD CONDUIT	1"	10" X 10" J-BOX @ WORKSTATION AREA	VCOM WALL

NOTE: ALL DATA LINES TRAVEL FROM DEMARC THROUGH 3" CONDUIT TO 10" X 10" J-BOX IN CEILING, DOWN THROUGH WALL INTO 10" X 10" J-BOX BEHIND RIS DESK.



3 MGR'S OFFICE WIRING-LOW VOLTAGE
N.T.S.



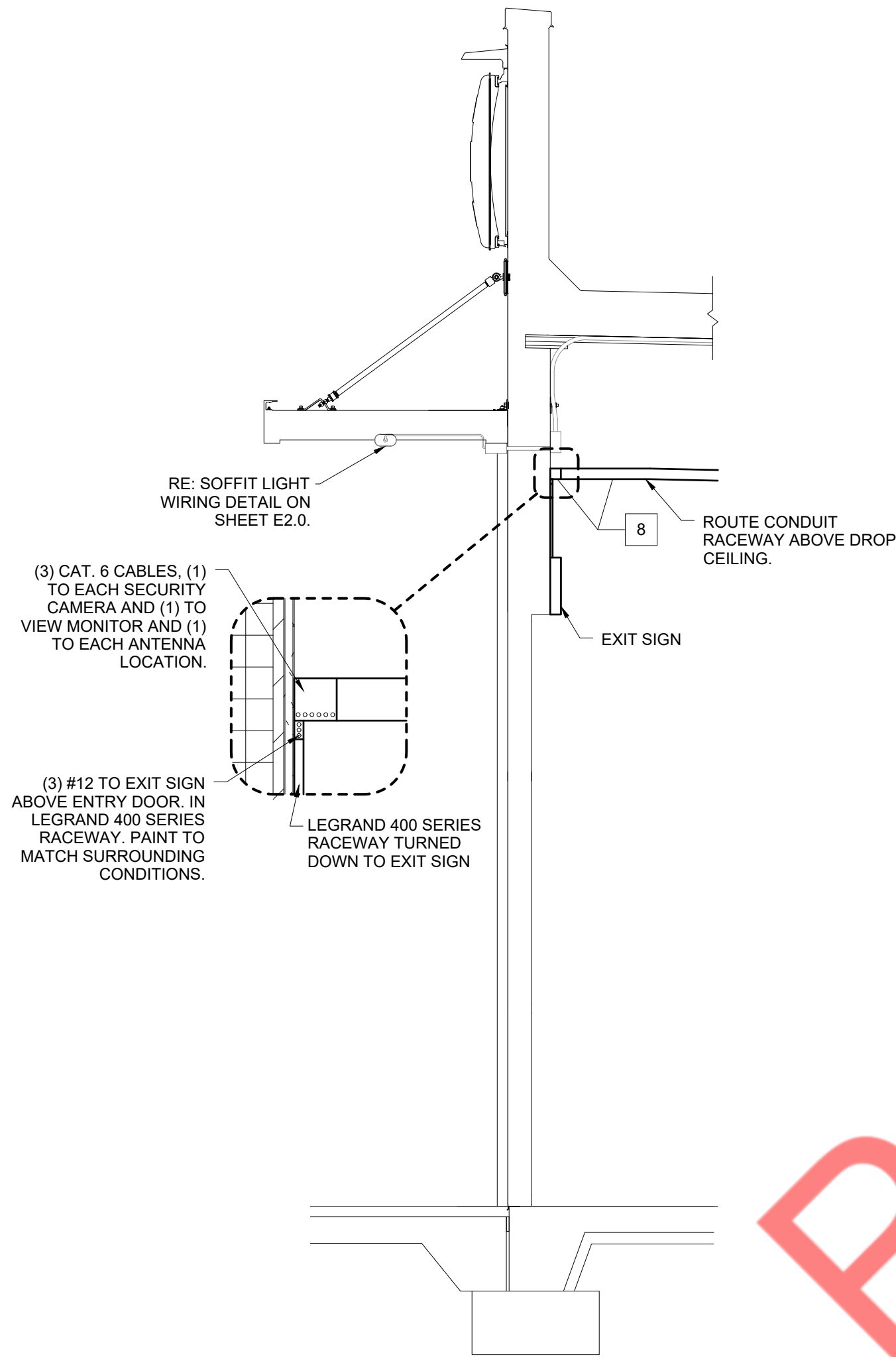
2 WORKSTATION WIRING-LOW VOLTAGE
N.T.S.

LOW VOLTAGE NOTES:

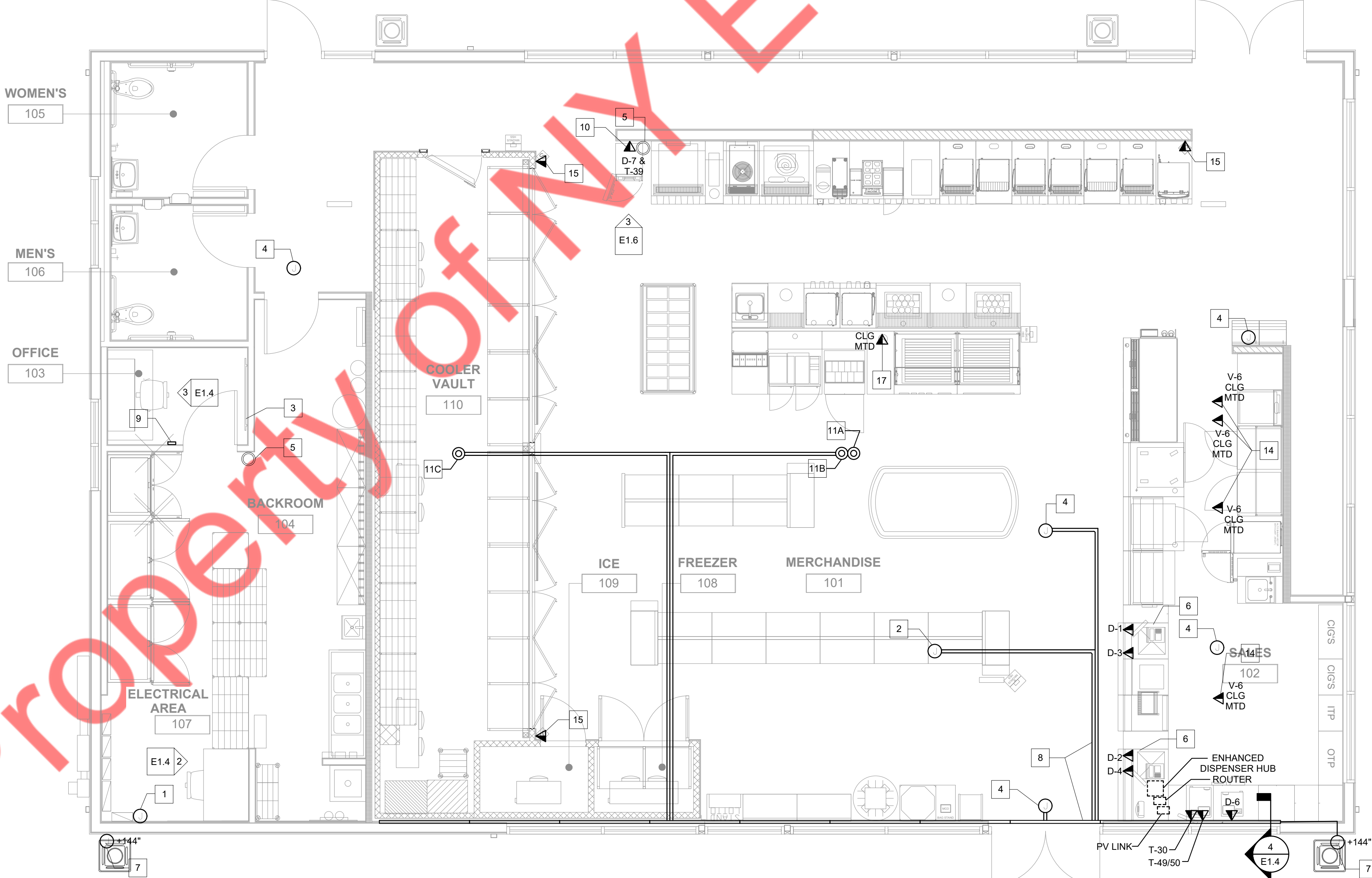
- ALL WIRING IS COPPER. REFER TO ELECTRICAL SPECIFICATIONS FOR FURTHER INFORMATION.
- E.C. TO INSTALL DATA LINES IN CONDUIT TO BOXES INSTALLED BY LOW VOLTAGE CONTRACTOR LTGC PRIOR TO TYCO CAMERA INSTALLATION.
- CONDUITS THAT ARE EXPOSED TO WIDELY DIFFERENT TEMPERATURES, SUCH AS COOLERS, FREEZERS OR SERVICE ENTRANCE CONDUITORS, SHALL BE SEALED TO PREVENT CIRCULATION OF AIR AND/OR MOISTURE. REF 2011 NEC (300.7 (A)).
- CONDUIT AND WIRING IN AREAS WHERE EXPOSED SHALL BE ROUTED AT 90 DEGREE ANGLES PERPENDICULAR OR PARALLEL TO JOISTS. COORDINATE PAINTING OF CONDUIT WITH ARCHITECTURAL FINISHES.
- UNLESS OTHERWISE DICTATED BY APPLICABLE CODES OR AHJ, ALL MATERIALS WITHIN RETURN AIR PLENUM MUST BE NON COMBUSTIBLE AND/OR HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX NOT MORE THAN 50 IN ACCORDANCE WITH ASTM E 84 TESTING.

KEYNOTES - LOW VOLTAGE

1	ENERGY MANAGEMENT ENCLOSURE PROVIDED BY OTHERS.
2	VIEW MONITOR: ROUTE CONDUIT BACK TO VIDEO RECORDING EQUIPMENT LOCATED IN MANAGER'S OFFICE. COORDINATE LOCATION WITH SECURITY SYSTEM INSTALLER. REFER TO LOW VOLTAGE RISER DIAGRAM FOR WIRING REQUIREMENTS.
3	TELEPHONE BOARD: 4"X4"X3/4" PLYWOOD WITH (1) #6 CU. GROUND FOR FUTURE USE MOUNTED ABOVE 4"X4"X3/4" PLYWOOD WITH (1) #6 CU. GROUND PER TELE. CO. REQUIREMENTS. MOUNT RECEPTACLE ADJACENT TO OR ABOVE TELEPHONE BOARD. DO NOT MOUNT BELOW.
4	SECURITY CAMERA: ROUTE CONDUIT BACK TO VIDEO RECORDING EQUIPMENT LOCATED IN MANAGER'S OFFICE. COORDINATE LOCATION WITH SECURITY SYSTEM INSTALLER.
5	CARBON MONOXIDE DETECTOR/ALARM FURNISHED BY THE ELECTRICAL CONTRACTOR.
6	ROUTE WIRING FOR DATA DEVICES UNDER SLAB, RE: 1/E1.2
7	MOUNT +12AFF. ROUTE CONDUIT BACK TO VIDEO RECORDING EQUIPMENT LOCATED IN MANAGER'S OFFICE. COORDINATE LOCATION WITH CONSTRUCTION MANAGER AND SECURITY SYSTEM INSTALLER.
8	LOW VOLTAGE AND LINE VOLTAGE WIRING SHALL BE ROUTED ABOVE DROP CEILING. THERE SHALL BE NO EXPOSED WIRING IN THE SALES AREA. OWNER TO PROVIDE LEGRAND 400 SERIES SYSTEM WITH ALL FITTINGS AND DEVICE BOXES REQUIRED FOR CONNECTION TO EXIT SIGN. OWNER TO ALSO PROVIDE PANDUIT 2X2 FIBER RUNNER ROUTING SYSTEM FOR ALL LOW VOLTAGE CABLING. RE: 1/E1.4 FOR LOW VOLTAGE ROUTING.
9	CRADLEPOINT WIRELESS INTERNET CONNECTION. THIS WILL BE THE LAST ISP RELATED DEVICE TO BE INSTALLED. THE LOCATION IN THE STORE WILL BE BASED ON THE STRONGEST SIGNAL WITHIN THE STORE. GUIDELINES FOR THE LOCATION OF THE CP ARE AS FOLLOWS: <ul style="list-style-type: none">AS FAR AWAY AS POSSIBLE FROM THE ELECTROMAGNETIC INTERFERENCE (MOTORS).AS CLOSE TO THE CEILING AS POSSIBLEPOSITIONED SO THE LED LIGHTING SIGNALS ARE VISIBLE FOR TROUBLE SHOOTING / MAINTENANCE PURPOSESMAXIMUM OF 4-6" OF PATCH CABLE VISIBLE ON THE WALL (COLOR: WHITE)
10	RJ11 FLUSH MOUNT FACE PLATE FOR ATM DATA LINE TO RIS COMPUTER WITH JACK TO BE LABELED 'ATM'. DATA LINE IDENTIFIER. D-7
11	ACCESS POINT EXTENDED ANTENNA CABLES. FOUR CAT 6 CABLES. RJ45 FEMALE IN A 4-PLEX. COVER PLATE LABELED TO 3 LOCATIONS BELOW: <ul style="list-style-type: none">A. CAT6 RJ45 FEMALE JACK CENTER OF SALES FLOOR SUSPENDED ABOVE CEILING TILE (MAY NEED TO MOVE LATER). 100' IN TOTAL LENGTH WITH EXTRA COILED AT FEMALE JACKB. CAT6 RJ45 FEMALE JACK CENTER OF SALES FLOOR SUSPENDED ABOVE CEILING TILE (MAY NEED TO MOVE LATER). 100' IN TOTAL LENGTH WITH EXTRA COILED AT FEMALE JACK.C. CAT6 RJ45 FEMALE JACK IN RECEPTACLE 84" ABOVE FLOOR - CENTER OF WALK-IN COOLER.
12	DATA TELEPHONE CABLING PROVIDED BY LTGC. CONTACT GREGORY LEVALDS (972) 801-9950. CONDUIT AND BOXES TO BE FURNISHED BY OWNER AND INSTALLED BY G.C.
13	24"X36" FIRE RETARDANT U-TECK BACKBOARD SHALL BE PLACED BEHIND RIS MONITOR AND ABOVE WORKSTATION RECEPTACLES. BACKBOARD WILL SUPPLY MOUNTING FOR SRX ROUTER AND RIS SWITCH. PROVIDED AND INSTALLED BY LTGC.
14	FOUR DIGITAL MENU BOARDS (DMB) WITH MEDIA PLAYERS. INCLUDED IN ALL U.S. NEW STORE PROJECTS AND ALL U.S. REVITALIZATION PROJECTS (REBUILD, RELOCATION, MAJOR REMODEL) EFFECTIVE 1/01/2018. HARDWARE SEI SUPPLIED THROUGH CONTACT WITH AT&T (CONSOLIDATED PO TO AT&T THROUGH TURNKEY RESOURCES). ELECTRICAL POWER AND LOW VOLTAGE POWER BY GC. COMMISSIONING IS SEI SUPPLIED THROUGH CONTRACT AT&T (DIRECT PO TO AT&T). SUBSCRIPTION AND SERVICE AGREEMENT(S) BILLED DIRECT TO SEI IT DEPARTMENT SEPARATE FROM CONSTRUCTION PROJECTS.
15	QSIG MUSIC SERVICE 3 SPEAKERS WITH CAT6 TERMINATED TO FEMALE RJ45. DATA JACKS FOR SPEAKER TO BE FLUSH MOUNTED DIRECTLY BEHIND SPEAKER. VERIFY EXACT HEIGHT AND LOCATION WITH ARCHITECTURAL DRAWINGS. INSTALLER TO HIDE DATA CABLE BEHIND THE SPEAKER USING CABLE TIES.
16	QSIG DATA AND SPEAKER WIRE TO COME OUT OF 6 WAY DATA OUTLET (DATA TO BE TERMINATED, BLANKS LEFT FOR SPEAKER AND AVA WIRE TO COME OUT).
17	AVA WIRE TO TERMINATE IN BACK OF AVA SENSOR. MOUNT IN CEILING.



4 WALL SECTION AT STOREFRONT
N.T.S.



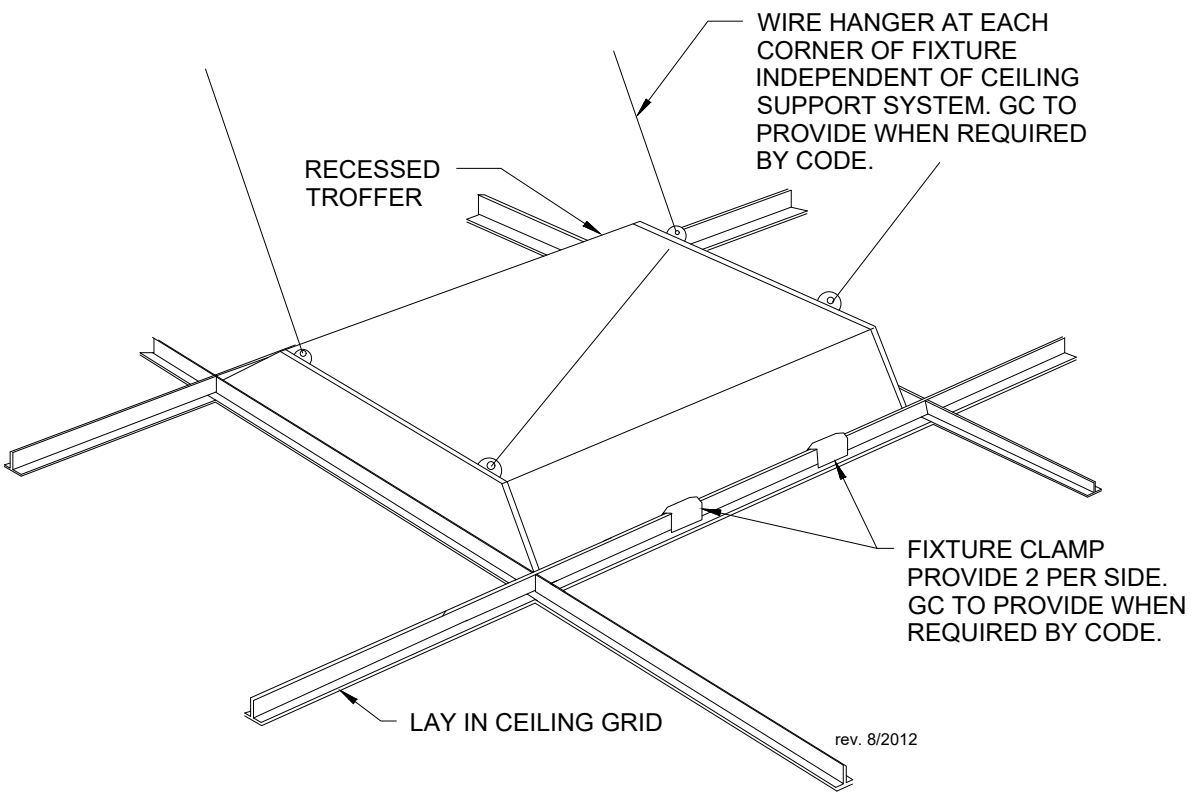
1 LOW VOLTAGE PLAN
1/4" = 1'-0"

LIGHTING FIXTURE SCHEDULE											
TYPE	MANUFACTURER	MODEL NUMBER	ORCALE NUMBER	VOLTS/PHASE	WATTS	LAMP TYPE	MOUNTING	DESCRIPTION		QTY	
A2	CREE	ZR22C-40L-40K-10V-FD	3291295	120/277V, 1	40	LED	RECESSED	LED 2' X 2' RECESSED TROFFER; 0-10V; 40K; 120/277V		4	
A2E	CREE	ZR22C-40L-40K-10V-FD-EB14	3291297	120/277V, 1	40	LED	RECESSED	LED 2' X 2' RECESSED TROFFER; 0-10V; 40K; 120/277V WITH EMERGENCY BATTERY		2	
A2sc	CREE	ZR22MT-40L-40K-CMA-FL	3291296	120/277V, 1	40	LED	RECESSED	LED 2' X 2' RECESSED TROFFER; 0-10V; 40K; 120/277V WITH CMA CONTROL		35	
A2Esc	CREE	ZR22MT-40L-40K-CMA-EB14-FL	3291298	120/277V, 1	40	LED	RECESSED	LED 2' X 2' RECESSED TROFFER; 0-10V; 40K; 120/277V WITH CMA CONTROL & EMERG BATTERY		8	
C	SIGNIFY / PHILLIPS	FSSEZ-4-40L-840-UNV	3299637	120/277V, 1	32	LED	SURFACE	LED SURFACE LINEAR 4'; 4000K; 120/277V; 8' A.F.F.		1	
DS4E	CREE	CR-LE-40L-40K-S-EB14	3291305	120/277V, 1	33	LED	SURFACE	1X4 SURFACE MOUNT LIGHT; 4000K; 120/277V WITH EMERGENCY BATTERY		2	
EM	SIGNIFY / PHILLIPS	VLLU	3299642	120/1	11	LED	UNIVERSAL	EMERGENCY LED 2 LAMP WALL MOUNT		1	
G2	CREE	XSPW-B-WM-2ME-4L-57K-UL-BZ	3291313	120/277V, 1	31	LED	WALL	LED WALL PACK; 12' A.F.F.		22	
H	SIGNIFY / PHILLIPS	V3WEZ440L840-UNV	3299638	120/277V, 1	32	LED	SURFACE	1X4 LED LINEAR STRIP, SURFACE MOUNT, GASKETED		3	
N	SIGNIFY / PHILLIPS	PLEMBZ	3299640	120/277V, 1	24	LED	WALL	LED WALL MOUNT W/ EMERGENCY BATTERY BACK-UP; 8' A.F.F.		3	
X1	SIGNIFY / PHILLIPS	VERWEM	3299639	120/277V, 1	1	LED	UNIVERSAL	LED EXIT (RED) LETTERS, EMERGENCY BATTERY BACK-UP		3	

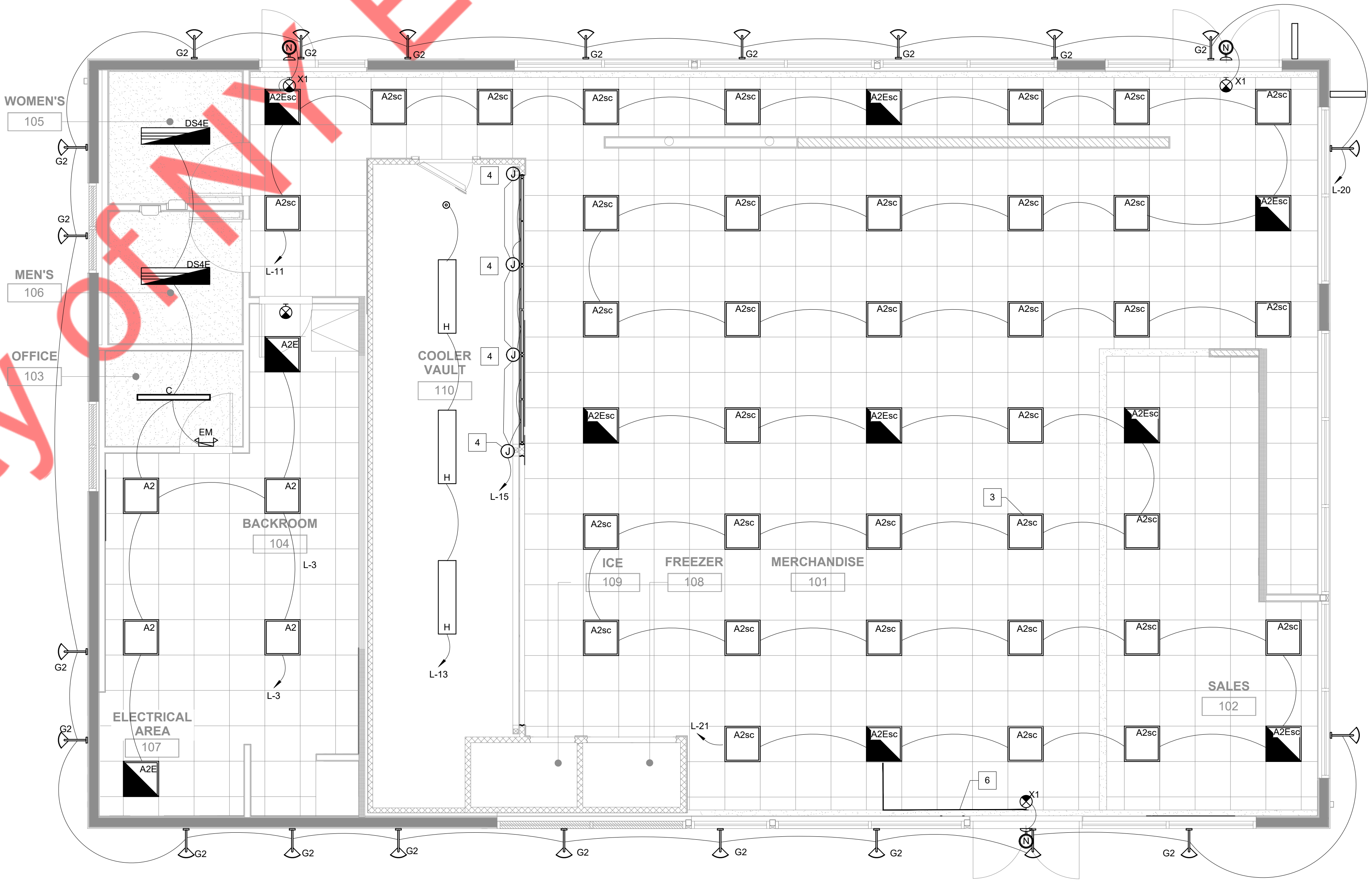
KEYNOTES - LIGHTING	
1	NOT USED.
2	NOT USED.
3	REFER TO RECESSED FIXTURE MOUNTING DETAIL, 3/E2.0, TYP.
4	13W LED COOLER DOOR LIGHTS PROVIDED AND INSTALLED BY COOLER DOOR MANUFACTURER, E.C. TO PROVIDE WIRING FOR COOLER/ FREEZER DOOR LIGHTS AND CONNECT TO MANUFACTURER SUPPLIED JUNCTION BOX.
5	NOT USED.
6	LINE VOLTAGE WIRING AT THE STOREFRONT IN OPEN CEILING AREAS SHALL BE ROUTED THROUGH A NONMETALLIC RACEWAY SYSTEM. THERE SHALL BE NO EXPOSED WIRING IN THE SALES AREA. RACEWAY SHALL RUN ACROSS THE FRONT WALL AND DOWN TO THE EXIT SIGN. RE2/E2.0 FOR MORE INFORMATION. OWNER TO PROVIDE LEGRAND 400 SERIES SYSTEM WITH ALL FITTINGS AND DEVICE BOXES REQUIRED FOR CONNECTION TO EXIT SIGN.

- GENERAL PLAN NOTES
- EMERGENCY EXIT ILLUMINATION SHALL BE SUPPLIED FROM STORAGE BATTERY THAT IS TO PROVIDE 90 MINUTES OF CONTINUED ILLUMINATION IN CASE OF A PRIMARY POWER LOSS.
 - THE BRANCH CIRCUIT FEEDING THE UNIT EQUIPMENT (EMERGENCY LIGHT/EXIT SIGN WITSELF-CONTAINED RECHARGEABLE BATTERY) SHALL BE THE SAME BRANCH CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES OR TIME CLOCKS AS SHOWN ON PLAN.
 - EMERGENCY LUMINAIRES SHALL PROVIDE AN INITIAL AVERAGE ILLUMINATION LEVEL OF AT LEAST 1 FOOT-CANDLE BUT AT ANY POINT IT SHALL NOT BE LESS THAN 0.1 FOOT-CANDLE ALONG THE PATH OF EGRESS AT FLOOR LEVEL.
 - AT THE END OF THE REQUIRED EMERGENCY SOURCE TIME DURATION, THE EMERGENCY LUMINAIRES SHALL PROVIDE AN AVERAGE ILLUMINATION LEVEL OF AT LEAST 0.6 FOOT-CANDLE BUT AT ANY POINT IT SHALL NOT BE LESS THAN 0.06 FOOT-CANDLE ALONG THE PATH OF EGRESS AT FLOOR LEVEL.
 - THE EMERGENCY ILLUMINATION LEVEL SHALL HAVE A MINIMUM-TO-MAXIMUM EMERGENCY ILLUMINATION UNIFORMITY RATIO THAT DOES NOT EXCEED 40:1.
 - CONDUIT AND WIRING IN AREAS WHERE EXPOSED SHALL BE ROUTED AT 90 DEGREE ANGLES PERPENDICULAR OR PARALLEL TO JOISTS. COORDINATE PAINTING OF CONDUIT WITH ARCHITECTURAL FINISHES.
 - FOR LIGHTING CONTROLS IN THE SALES AND BACK OF HOUSE AREA, SEE SHEET E2.1.

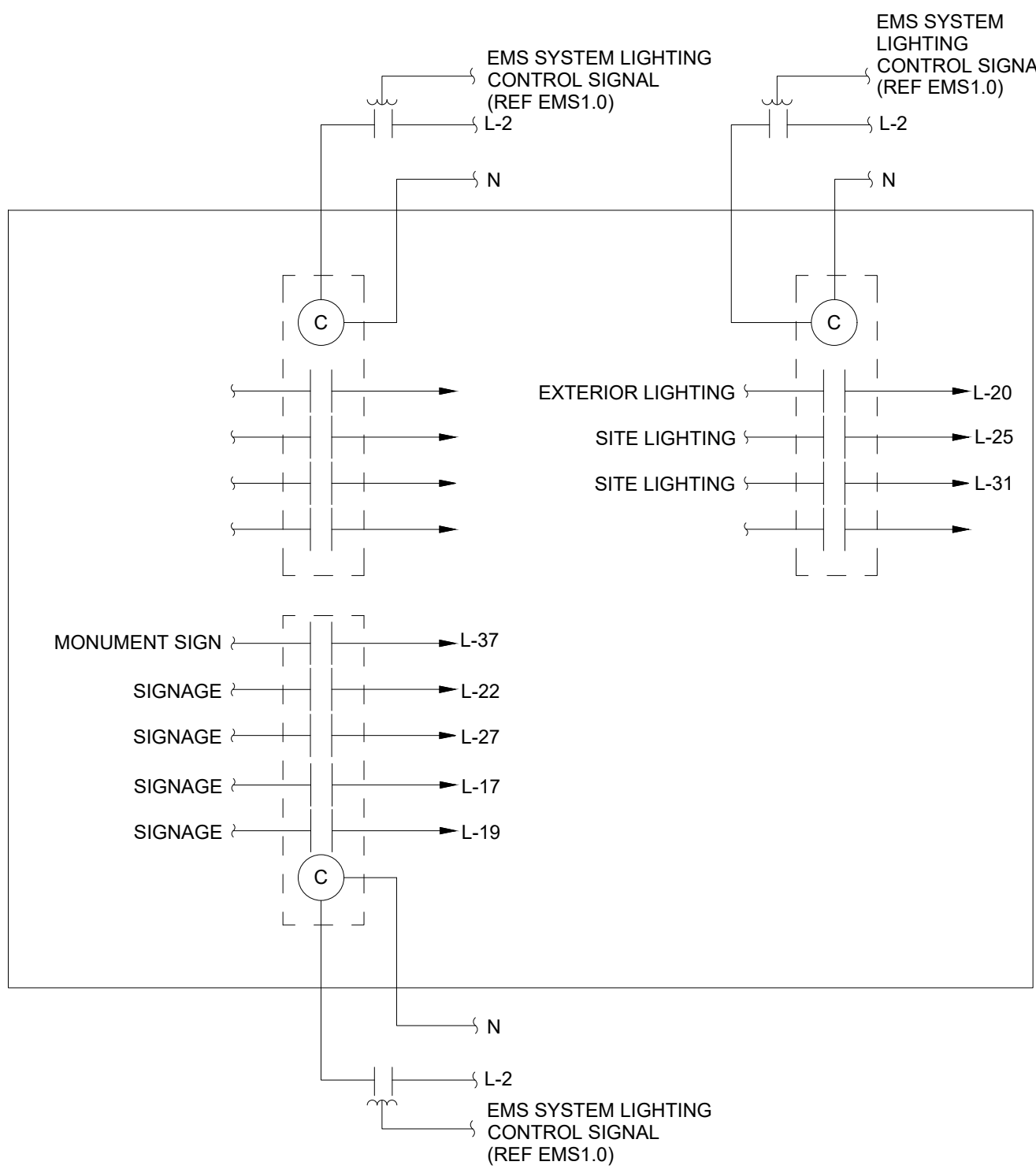
INTERIOR CEILING LIGHTING FIXTURE PACKAGE UNLESS OTHERWISE NOTED, 7-ELEVEN SHALL PROVIDE THE INTERIOR AND EXTERIOR LIGHTING FIXTURE PACKAGE. FURNISHED BY CREE LIGHTING, CONSOLIDATED FOR ORDERING BY CHAIN LINK SERVICES (PHONE # 866.243.3171), AND INSTALLED BY G.C.



2 RECESSED FIXTURE MOUNTING
N.T.S.



1 LIGHTING PLAN
1/4" = 1'-0"



LIGHTING CONTROL INSTALLATION NOTES

1. ENSURE ALL SMARTCAST CONTROL MODULES ARE PLUGGED INTO EACH SMARTCAST FIXTURE PRIOR TO INSTALLING.
2. DURING INSTALLATION OF THE SMARTCAST FIXTURES, ORIENT ALL SENSORS AWAY FROM THE WINDOWS.
3. ENSURE ALL SMARTCAST FIXTURES ARE POWERED PRIOR TO BEGINNING ONEBUTTON SETUP.
4. TO BEGIN ONEBUTTON SETUP, TURN ON THE CONFIG TOOL.
5. THE CONFIG TOOL WILL SEARCH FOR NETWORKS WITHIN THE STORE.
6. IF NONE ARE FOUND, THE CONFIG TOOL WILL ASK THE USER TO PRESS OK TO BEGIN ONEBUTTON SETUP.
7. IF THE CONFIG TOOL DISCOVERS EXISTING NETWORKS, THE USER WILL BE OFFERED THE OPTIONS OF CONNECTING TO THE EXISTING NETWORK OR CREATING A NEW NETWORK.
8. ONCE THE USER BEGINS THE ONEBUTTON SETUP, SET THE CONFIG TOOL DOWN IN A SAFE LOCATION IN THE STORE. MOVING THE CONFIG TOOL DURING ONEBUTTON SETUP CAN CAUSE COMMISSIONING TO TAKE LONGER.
9. DURING ONEBUTTON SETUP, THE FIXTURES WILL DIM, WILL BE BRIGHT, WILL TURN OFF FOR A FEW MINUTES, AND WILL FLICKER.
10. NAVIGATE THE MENU TO DIAGNOSTICS -> IDENTIFY NETWORK. VERIFY ALL SMARTCAST DEVICES ARE IN THE NETWORK.
11. CREATE ONE OF THE TWO GROUPS SHOWN ON THE PLAN USING MODIFY GROUPS -> CREATE GROUP -> OCCUPANCY.
12. NAVIGATE THE MENU TO DIAGNOSTICS -> IDENTIFY GROUP -> OCCUPANCY. VERIFY THE GROUPS MATCH THE PLAN.
13. REPEAT STEPS 11 AND 12 FOR EACH GROUP IN THE TABLE.
14. NAVIGATE THE MENU TO DEVICE SETTINGS -> OCCUPANCY TO SET THE OCCUPIED LEVEL, UNOCCUPIED LEVEL, AND OCCUPANCY TIMEOUT TO APPLY THESE SETTINGS TO EACH GROUP AS LISTED IN THE SETTINGS TABLE ON THE PLAN.
15. NAVIGATE THE MENU TO DEVICE SETTINGS -> DAYLIGHT TO SET THE MINIMUM LEVEL OR DISABLE DAYLIGHT PER THE SETTINGS TABLE ON THE PLAN.
16. NAVIGATE TO THE MAIN MENU OF THE CONFIG TOOL (MODIFY GROUPS, DEVICE SETTINGS, ETC.) AND POWER OFF THE CONFIG TOOL.
17. FOR THE SMARTCAST 7-11 INSTALLATION VIDEO, SEE YOUTUBE CHANNEL LINK <https://youtu.be/XNV4ooh1ryA>

COMPONENTS SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	ORACLE NUMBER	DESCRIPTION
①	CREE	CCT-CWC-1	3291345	REMOTE CONTROL FOR MANUAL ON/OFF SWITCHING FOR SMARTCAST FIXTURES LOCATED IN MANAGER'S DESK. SEE ARCHITECTURAL SHEET EF-L FOR ORDERING INFORMATION.
②	LEVITON	OSSMT-MDW	03301241	OCCUPANCY SENSOR ON/OFF SWITCHING FOR AUTOMATIC CONTROL OF LIGHTING.
③	LEVITON	OSFHU-CTW	03301242	OCCUPANCY/VACANCY SENSOR CEILING MOUNTED IN COOLER VAULT FOR AUTOMATIC CONTROL OF LIGHTING.
④	RACO	5121-0	03301907	ON/OFF LIGHT SWITCH WITH WET LOCATION COVER FOR VAULT COOLER.

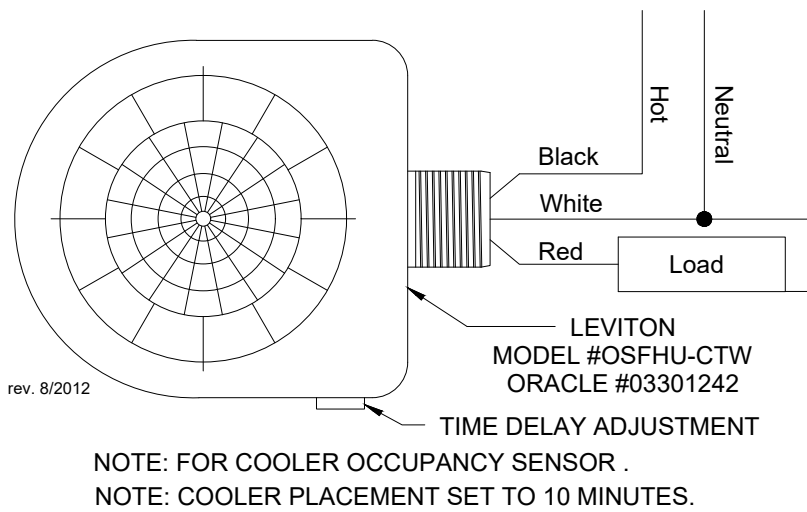
KEYNOTES - LIGHTING

1	CREE MODEL CCT-CWC-1 REMOTE CONTROL FOR MANUAL ON/OFF SWITCHING FOR SMARTCAST GROUPS 1, 2, 3, 4, & 5. LOCATED IN MANAGER'S DESK FOR EASY ACCESS. SEE ARCHITECTURAL SHEET EF-L FOR ORDERING INFORMATION.
2	OCCUPANCY SENSOR 'A', RE:3/E2.1, +42", TYP.
3	OCCUPANCY SENSOR 'B', RE:4/E2.1, TYP.
4	NOT USED.
5	LIGHT SWITCH FOR COOLER TO HAVE WET LOCATION SWITCH COVER RACO 5121-0.
6	LIGHTS TO BE CONTROLLED THROUGH LIGHTING CONTACTOR. SEE DETAIL 5/E2.1 FOR DETAILS.

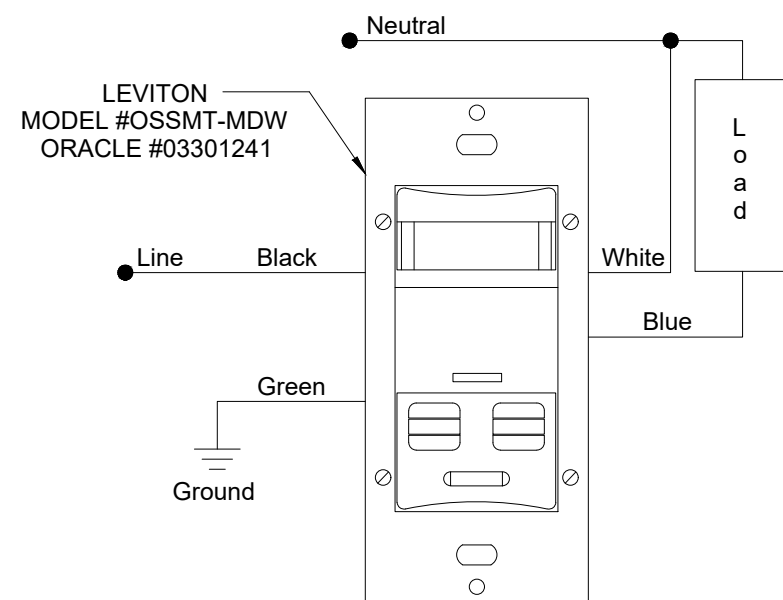
SMARTCAST WIRELESS SUMMARY

GROUP	LOCATION	OCCUPIED LEVEL	UNOCCUPIED LEVEL	OCCUPANCY TIMEOUT	DAYLIGHT HARVEST MIN LEVEL
①	FRONT RETAIL AREA	100%	90%	30 MINUTES	35%
②	REAR RETAIL AREA	100%	80%	15 MINUTES	35%
③	BEVERAGE WALL	100%	80%	30 MINUTES	20%
④	ISLAND	100%	90%	30 MINUTES	10%
⑤	SALES	100%	90%	30 MINUTES	5%

④ LIGHTING CONTACTOR N.T.S.

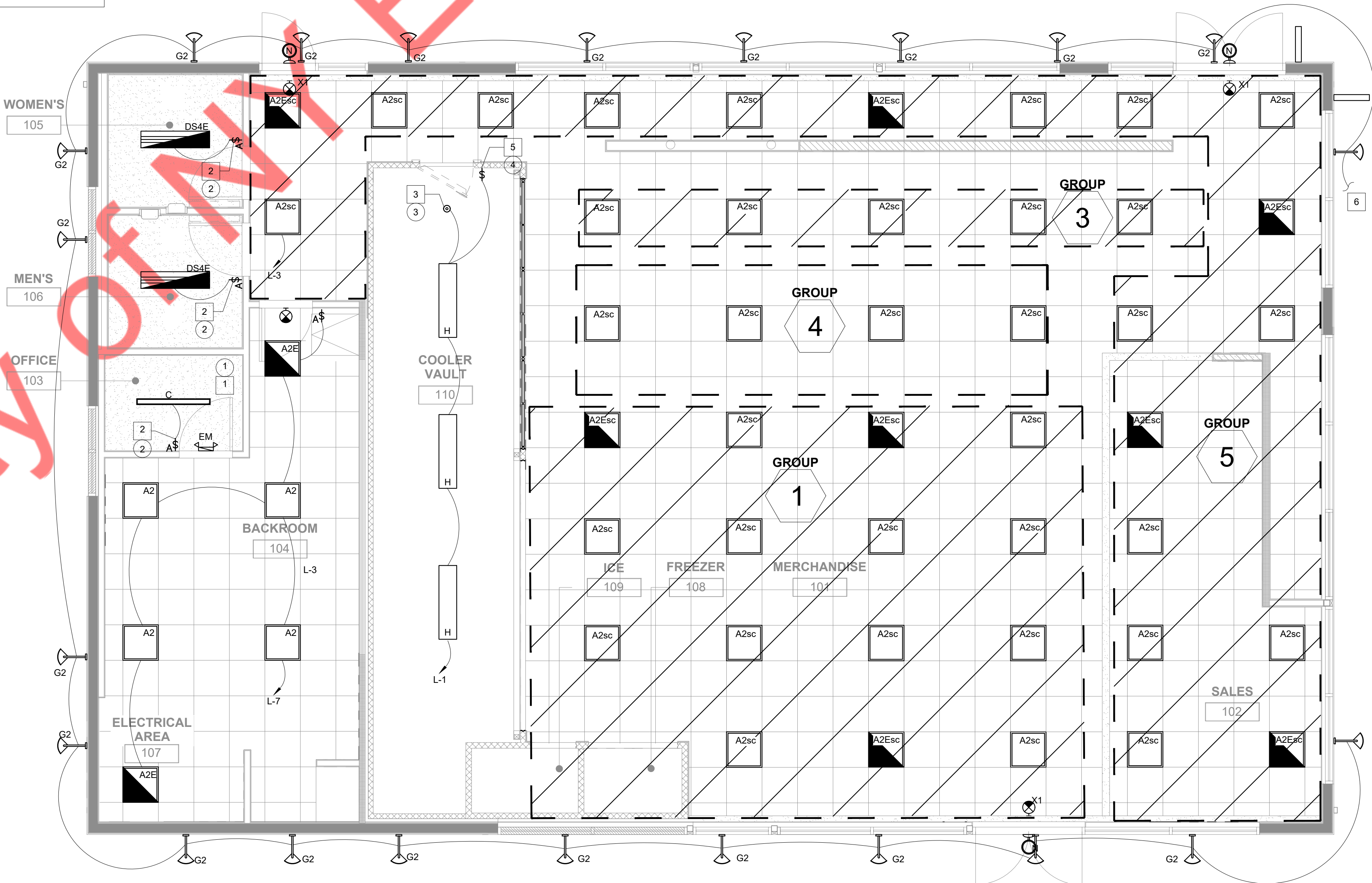


③ "B" OCCUPANCY SENSOR (VAULT) N.T.S.



NOTE: FOR RESTROOM, OFFICE, AND ELECTRICAL ROOM SWITCHING.
NOTE: RESTROOM SET TO 10 MINUTES.
BACKROOM AND OFFICES SET TO 20 MINUTES.
BACKROOM WITH HIDDEN AREAS SET TO 30 MINUTES.

② "A" OCCUPANCY SENSOR N.T.S.










① LIGHTING GROUP PLAN 1/4" = 1'-0"

GENERAL PLAN NOTES

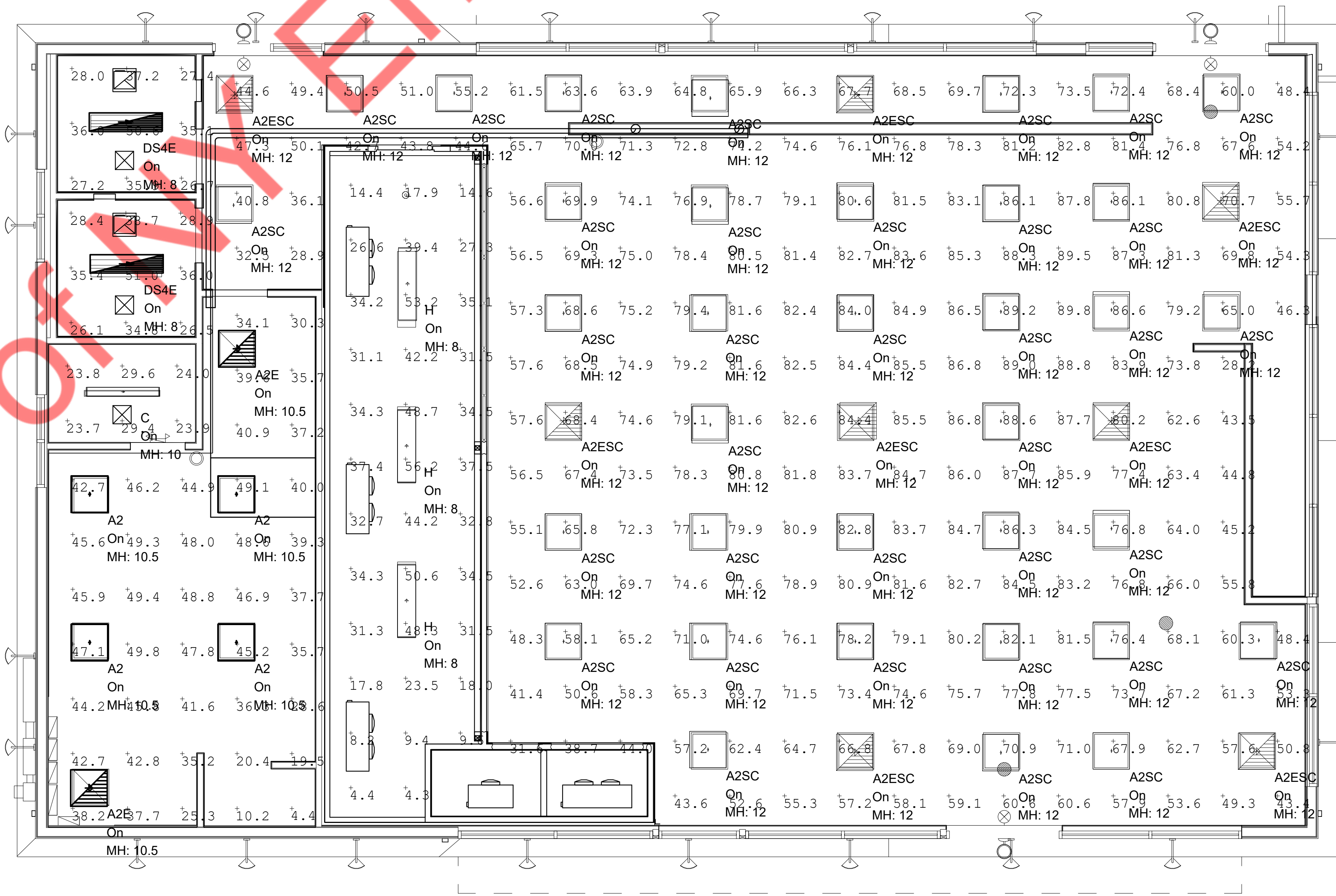
1. REFLECTANCES: 80% CEILING, 50% WALL, 20% FLOOR.
2. CALCULATION ZONES SET TO WORK PLANE AT 36" A.F.F.
3. CALCULATIONS ARE MEASURED IN FOOTCANDLES
4. LIGHTS SHOWN IN PLAN ARE FOR PHOTOMETRICS ONLY, AND DOES NOT REPRESENT THE ENTIRE LIGHT FIXTURE SCHEDULE.

Luminaire Schedule

Symbol	Qty	Label	Arrangement	LMF	Lum. Lumens	Lum. Watts	Part Number
	4	A2	SINGLE	1.000	4000	32	ZR22C-40L-40K-10V-FD
	2	A2E	SINGLE	1.000	4000	32	ZR22C-40L-40K-10V-FD-EB14
	8	A2ESC	SINGLE	1.000	4000	40	ZR22MT-40L-40K-CMA-EB14-FL
	35	A2SC	SINGLE	1.000	4000	40	ZR22MT-40L-40K-CMA-FL
	1	C	SINGLE	1.000	4250	40	LS4-40L-40K-10V
	2	DS4E	SINGLE	1.000	4000	40	CR-LE-40L-40K-S-EB14SMK w/SMK-LE-EC
	3	H	SINGLE	1.000	4100	30	WS4-C-40L-LRA-40K-8-UL

Calculation Summary; 1.00 LLF

Label	Units	Avg	Max	Min	Avg/Min	Max/Min
101 MERCHANDISE_Workplane	Fc	69.42	89.8	28.2	2.46	3.18
103 OFFICE_Workplane	Fc	25.73	29.6	23.7	1.09	1.25
104 BACK ROOM_Workplane	Fc	38.99	49.8	4.4	8.86	11.32
105 WOMENS_Workplane	Fc	33.79	50.6	26.7	1.27	1.90
106 MENS_Workplane	Fc	33.98	51.0	26.1	1.30	1.95
110 COOLER VAULT_Workplane	Fc	30.04	56.2	4.3	6.99	13.07










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INTERIOR PHOTOMETRICS
1/4" = 1'-0"

GENERAL PLAN NOTES

1. REFLECTANCES: 80% CEILING, 50% WALL, 20% FLOOR.
2. CALCULATION ZONES SET TO WORK PLANE AT 36" A.F.F.
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Luminaire Schedule

Symbol	Qty	Label	Arrangement	LMF	Lum. Lumens	Lum. Watts	Part Number
	4	A2	SINGLE	1.000	4000	32	ZR22C-40L-40K-10V-FD
	35	A2SC	SINGLE	1.000	4000	40	ZR22MT-40L-40K-CMA-FL
	1	C	SINGLE	1.000	4250	40	LS4-40L-40K-10V
	3	H	SINGLE	1.000	4100	30	WS4-C-40L-LRA-40K-8-UL
	8	A2ESC- EB ON	SINGLE	1.000	1400	40	ZR22MT-40L-40K-CMA-EB14-FL
	2	DS4E-EB ON	SINGLE	1.000	1400	40	CR-LE-40L-40K-S-EB14SMK
	2	A2E ON	SINGLE	1.000	1400	32	ZR22C-40L-40K-10V-FD-EB14

Calculation Summary; 1.00 LLF

Label	Units	Avg	Max	Min	Avg/Min	Max/Min
101 MERCHANDISE_Workplane	Fc	4.28	7.3	1.1	3.89	6.64
103 OFFICE_Workplane	Fc	0.00	0.0	0.0	N.A.	N.A.
104 BACK ROOM_Workplane	Fc	3.63	9.6	0.1	36.30	96.00
105 WOMENS_Workplane	Fc	12.06	18.0	9.6	1.26	1.88
106 MENS_Workplane	Fc	12.07	18.0	9.3	1.30	1.94
110 COOLER VAULT_Workplane	Fc	0.00	0.0	0.0	N.A.	N.A.

