



USE SHEET A300-IN AND REMOVE THIS SHEET

- ## GENERAL NOTES
1. CONTRACTOR SHALL VERIFY ALL EXTERIOR MATERIAL COLOR AND FINISHES WITH THE ARCHITECT. ANY DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
 2. PROVIDE EXPANSION JOINTS (EJ) AT ALL LOCATIONS WHERE EIFS ABUTS A DISSIMILAR MATERIAL OR WHERE OTHERWISE REQUIRED BY MANUFACTURER.
 3. PROVIDE EXPANSION JOINTS (EJ) AT LOCATED ON EXTERIOR ELEVATION. SPECIFICATION FOR JOINT SEALANT SHALL BE "PRECAST WHITE SL-2 BY TREMCO, MAXIMUM SPACING OF EXPANSION JOINTS SHALL BE 15'-0". C.O. OF THE MANUFACTURER'S RECOMMENDATION.
 4. REFER TO LIGHTING PLANS FOR LIGHTING FIXTURE LOCATION AND SCHEDULE.
 5. REFER TO STRUCTURAL DRAWINGS FOR JOIST AND BEAM BEARING AND FOUNDATION.
 6. REFER TO CEILING PLANS FOR COMPLETE DIMENSIONS OF ACM JOINT LOCATIONS.

SHEET KEYNOTES	
1	PAINTED STEEL ROOF LADDER INSTALLED BY GC; REF ROOF PLAN DETAILS AND WALL SECTIONS
2	GENERATOR TAB BOX; REF ELECTRICAL FOR LOCATION
3	INTERCOM CALL STATION RECESSED INTO EXTERIOR FINISH; REF ELECTRICAL FOR MORE INFORMATION
4	ROOF TOP UNIT; REF MECHANICAL DRAWINGS FOR UNIT INFORMATION; REF ROOF DETAILS FOR CURB CONDITIONS
5	4" WIDE X 16" HIGH METAL SCUPPER, CONDUCTOR HEAD, GUTTER AND DOWNSPUT BELOW AS DETAILED ON SHEET A201; REF EXTERIOR ELEVATIONS FOR DIMENSIONS
6	8" WIDE X 4" HIGH OVERFLOW SCUPPER
7	WALL MOUNTED SECURITY CAMERA
8	PACKAGE PASSER; REF EQUIPMENT PLAN
9	PATIO FAN; REF SPECS
10	ILLUMINATED SIGN PANEL, BY OWNER
11	ELECTRICAL O/T AND METER
12	OIL FILL BOX TO BE INSTALLED BY VENDOR
13	IRRIGATION CONTROLLER; REF ELECTRICAL. MOUNT AT 48" ABOVE SIDEWALK
14	OLI/WATER SEPARATOR ALARM. REF ELECTRICAL. MOUNT AT 48" ABOVE SIDEWALK TO TOP
15	1-1/2" X 3-1/2" SMOOTH FIBER CEMENT TRIM. INSTALL PER MANUFACTURER RECOMMENDATION
16	EMERGENCY SHUT OFF SWITCH; MOUNT TOP OF SIGN AT 48" ABOVE SIDEWALK; REF DETAIL ON SHEET A101
17	STEEL BOLLARD. REF DETAIL ON SHEET A101
18	3" DIA. DOWNSPUT. TIE TO UNDERGROUND STORM. SEE CIVIL FOR CONTINUATION.
19	4"x4" DOWNSPUT. TIE TO UNDERGROUND STORM. SEE CIVIL FOR CONTINUATION; REF DETAIL ON SHEET A101

DESIGNER NOTE:
ADJUST THE FOLLOWING MATERIALS FOR
GA AND AL PROJECTS

DESIGNER NOTE:
ADJUST THE FOLLOWING MATERIALS FOR
IMPACT RATED LOCATIONS (140 MPH AND
HIGHER)

GL-5 SWITCH TO 1-5/16" IMPACT RATED
INSULATED LAMINATED GLAZING.
DESCRIPTION: CLIMATE ZONES 1 OR 2; IG
0.28 U-FACTOR, SHGC PF>0.25=0.27 (1/4"
CLEAR TEMPERED 70XL LOW-E #2 + 1/2" A
+ 1/4" CLEAR + 0.090 SG + 1/4" CLEAR) OR
APPROVED ALTERNATE.

GL-7 SWITCH TO 1-5/16" IMPACT RATED
ACID ETCHED INSULATED GLAZING.
DESCRIPTION: CLIMATE ZONES 1 OR 2; IG
0.28 U-FACTOR, SHGC PF>0.25=0.27 (1/4"
CLEAR TEMPERED 70XL LOW-E #2 + 1/2" A
+ 1/4" CLEAR SATIN ETCHED #3 + 0.090 SG
1/4" CLEAR) OR APPROVED ALTERNATE.

M-3 SWITCH TO FG-5750T IMPACT
RESISTANCE STREFFORNET SYSTEM (OR
APPROVED ALTERNATE)
PREFINISHED DARK BRONZE ANODIZED
ALUMINUM AA-MIGZ22A44

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DESIGN PROFESSIONALS

ISSUE/REVISION RECORD

DATE	DESCRIPTION
05/13/22	SPB NO. 0104

RaceTrac

RACETRAC INC.
200 GALLERIA PARKWAY SOUTHEAST
SUITE 900
ATLANTA, GEORGIA 30339
(770) 431-7600

PROJECT NAME

ANYTOWN, CITY

CITY
STATE 00000
ADDRESS

RACETRAC STORE NUMBER

#0000

PROTOTYPE SERIES TC

2022 LH MO 0104

PLAN MODIFICATION NOTICE

SPB NO. 0104 DATE 05/13/22

STANDARD PLAN BULLETINS (SPB) MODIFY THE PROTOTYPE SERIES SET NOTED ABOVE. THE LISTED SPB REPRESENTS THE LATEST MODIFICATION INCORPORATED TO THIS PROTOTYPE SERIES SET AT ORIGINAL RELEASE. THE ISSUE/ REVISION RECORD COLUMN ABOVE LISTS ANY REVISIONS OR SPB INCORPORATED IN THIS SET AFTER THE ORIGINAL RELEASE. CONTACT RACETRAC ENGINEERING AND CONSTRUCTION FOR ANY SUBSEQUENT BULLETINS NOT INCORPORATED HEREIN.

PROFESSIONAL SEAL

PROGRESS PRINT 11/18/2

PROJECT NUMBER
2022157.03

SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NUMBER

A300

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PROFESSIONAL SEAL

PROJECT NUMBER

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SHEET TITLE

ELECTRICAL SITE
LIGHTING PLAN

SHEET NUMBER

E011

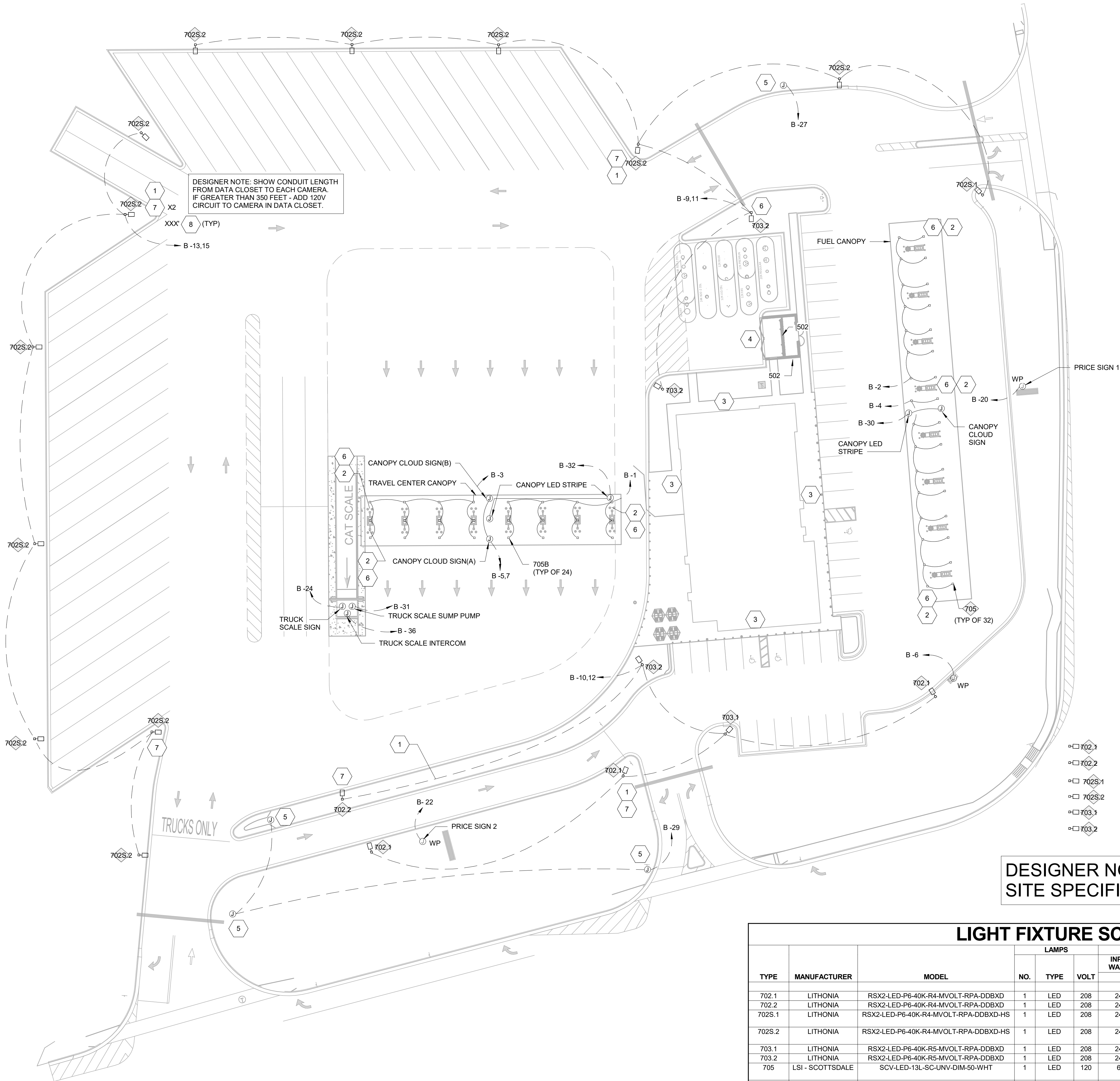
GENERAL NOTES

1. MINIMUM CONDUIT SIZE SHALL BE 1" UNLESS OTHERWISE NOTED OR SHOWN. ALL CONDUITS FOR SITE LIGHTING SHALL BE SCH. 40 PVC UNLESS OTHERWISE NOTED.
2. REFER TO PANEL SCHEDULES ON E-430 FOR CONDUIT/WIRE SIZE FOR LIGHTING AND SIGN HOMERUNS. WIRE SIZES SHOWN ON THE PANEL SCHEDULES HAVE BEEN SIZED FOR A MAXIMUM VOLTAGE DROP OF 3%. WIRE SIZE INDICATED ON THE PANEL SCHEDULES SHALL BE MAINTAINED THROUGHOUT ENTIRE BRANCH CIRCUIT RUN.
3. REFER TO E-150 FOR BUILDING MOUNTED LIGHTING AND DECORATIVE POLES AROUND PERIMETER OF BUILDING.
4. REFER TO ARCHITECTURAL ELEVATION DRAWINGS TO VERIFY MOUNTING HEIGHT.
5. RUN DATA TO ALL PRICE SIGNAGE LOCATIONS.
6. THE CONDUIT LENGTH AND ROUTING SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTORS SHALL NOT USE THE LENGTHS FOR TAKEOFF OR BIDDING PURPOSES.

SHEET KEYNOTES

1. 1" PVC WITH PULLSTRING FOR CAMERA WIRING. STUB CONDUIT UP 6" ABOVE TOP OF POLE BASE INSIDE POLE AT EACH POLE LOCATION. WIRING BY OTHERS.
2. 1" PVC WITH PULLSTRING FOR CAMERA WIRING TO DATA CLOSET.
3. REFER TO E150 FOR LOCATION AND WIRING OF BUILDING MOUNTED LIGHTING.
4. REFER TO SHEET E600 FOR LIGHTING AND ADDITIONAL INFORMATION AT ENCLOSURES.
5. SITE DIRECTIONAL SIGN. PROVIDE WEATHERPROOF DISCONNECT PER NEC 800.6, IF NOT FURNISHED WITH SIGN. VERIFY REQUIREMENTS WITH SIGN VENDOR. REFERENCE CIVIL PLANS FOR LOCATION. INSTALL SIGN NO LESS THAN 4'-0" OFF CURB.
6. FUEL CANOPY/TANK SECURITY CAMERA MERAKI OUTDOOR MV72. INSTALL 1-1/2" CONDUIT WITH CAT6 OSP CABLE FOR LENGTHS LESS THAN 300' AND GAMECHANGER CABLE FOR CABLE LENGTHS GREATER THAN 300'. MOUNT CAMERA 14'-0" AFG ON LIGHT POLE. COORDINATE FINAL LOCATION / ORIENTATION WITH RT CONSTRUCTION PROJECT MANAGER.
7. DRIVE CUT/TRUCK PARKING SECURITY CAMERA MERAKI OUTDOOR MV72. INSTALL 1-1/2" CONDUIT WITH CAT6 OSP CABLE FOR LENGTHS LESS THAN 300' AND GAMECHANGER CABLE FOR CABLE LENGTHS GREATER THAN 300'. MOUNT CAMERA 11'-0" AFG ON CANOPY COLUMN OR LIGHT POLE AS SHOWN. COORDINATE FINAL LOCATION / ORIENTATION WITH RT CONSTRUCTION PROJECT MANAGER.
8. THE CONDUIT LENGTH AND ROUTING SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTORS SHALL NOT USE THE LENGTHS FOR TAKEOFF OR BIDDING PURPOSES.

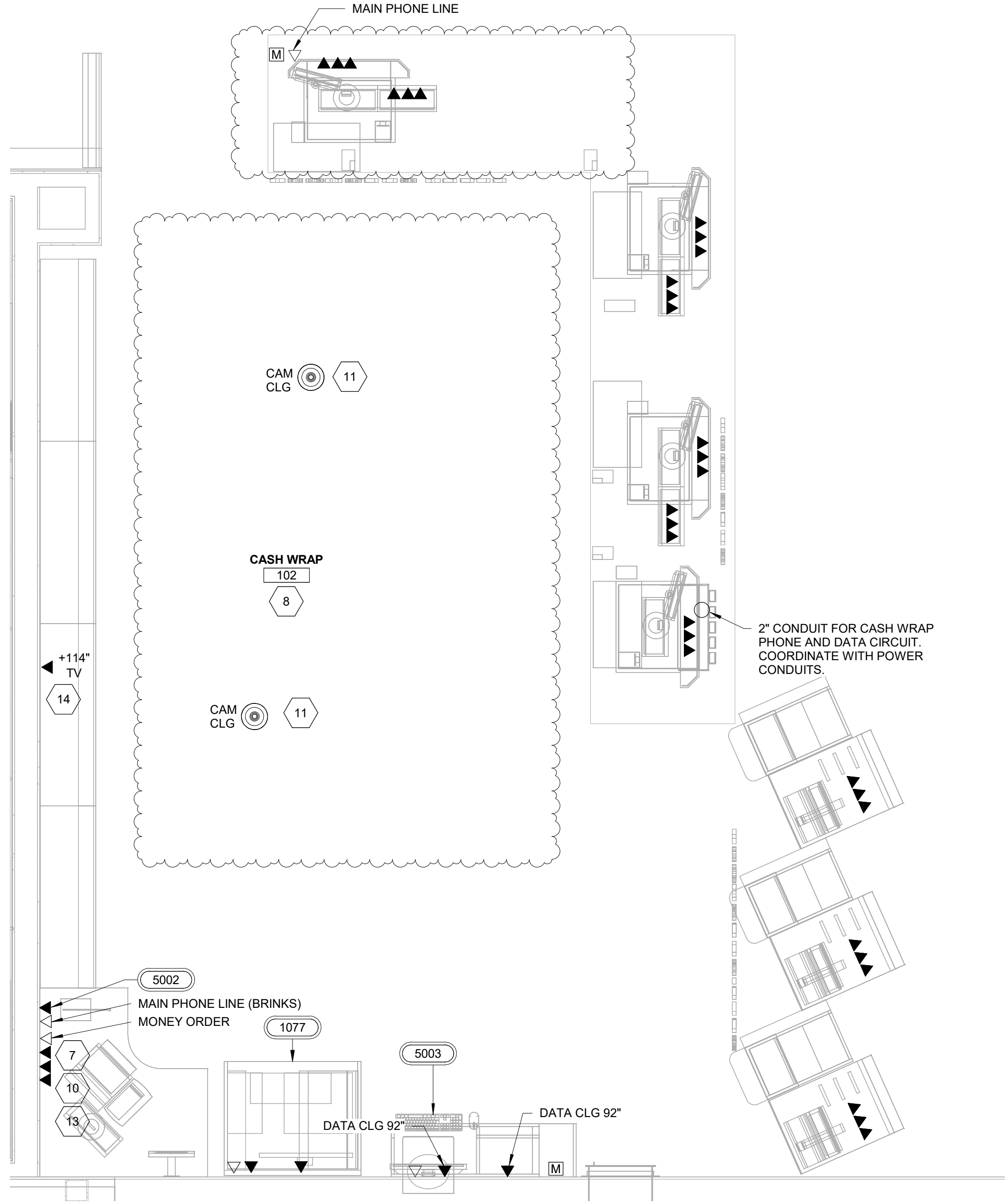
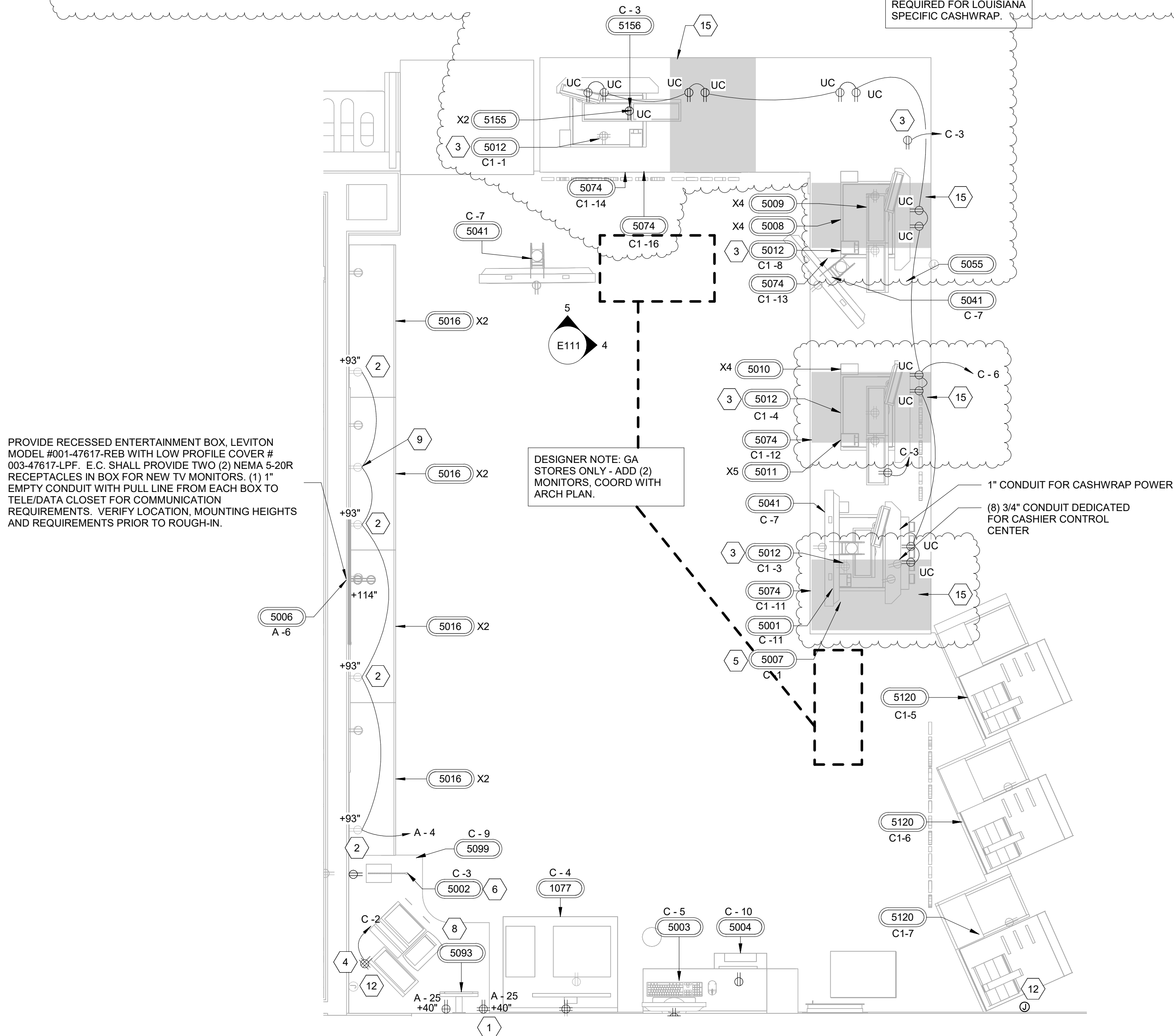
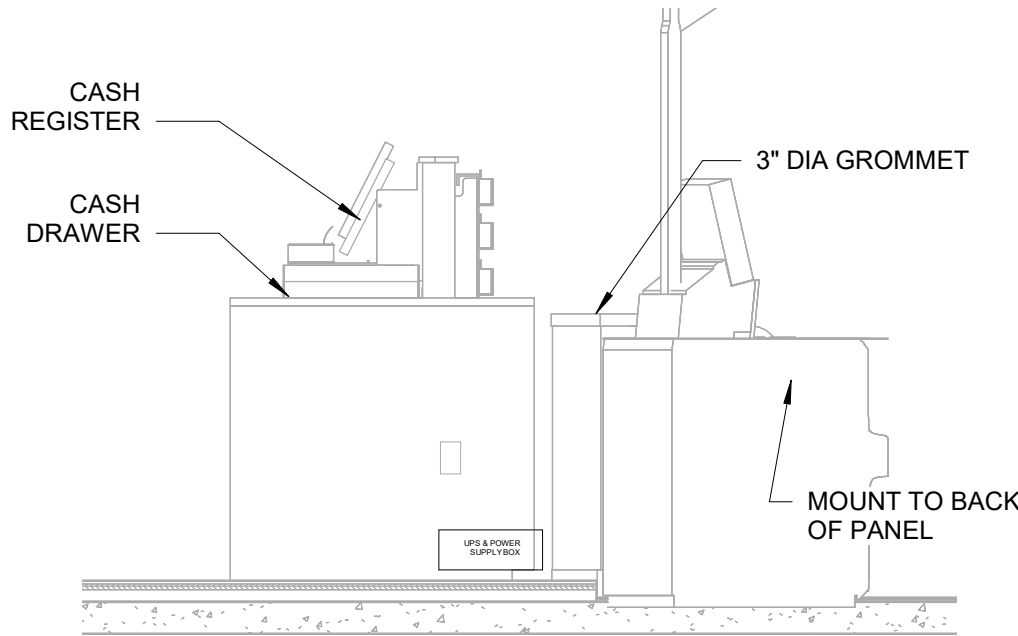
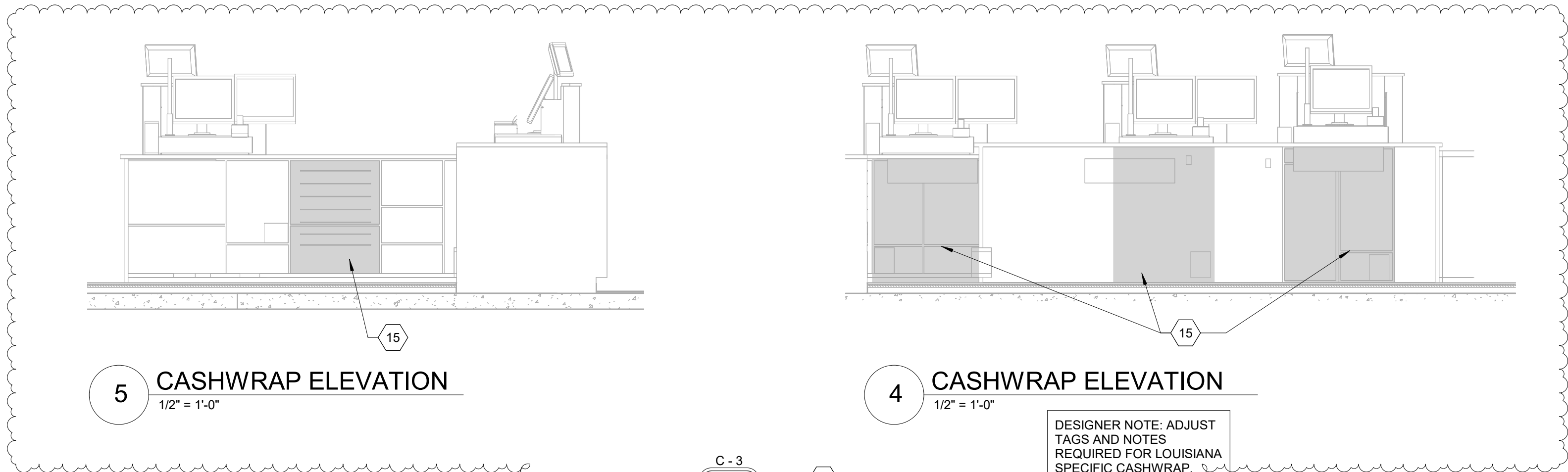
INCORPORATED SPB:



LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	MODEL	NO.	LAMPS			INPUT WATTS	INPUT VA	DESCRIPTION	NOTES
				TYPE	VOLT					
702.1	LITHONIA	RSX2-LED-P6-40K-R4-MVOLT-RPA-DDBXD	1	LED	208	244	244	244	OUTDOOR LED AREA LIGHT	MOUNTED @ 28'-0"
702.2	LITHONIA	RSX2-LED-P6-40K-R4-MVOLT-RPA-DDBXD	1	LED	208	244	244	244	OUTDOOR LED AREA LIGHT	MOUNTED @ 33'-0"
702S.1	LITHONIA	RSX2-LED-P6-40K-R4-MVOLT-RPA-DDBXD-HS	1	LED	208	244	244	244	OUTDOOR LED AREA LIGHT WITH SHIELD	MOUNTED @ 28'-0" WITH SHIELD
702S.2	LITHONIA	RSX2-LED-P6-40K-R4-MVOLT-RPA-DDBXD-HS	1	LED	208	244	244	244	OUTDOOR LED AREA LIGHT WITH SHIELD	MOUNTED @ 33'-0" WITH SHIELD
703.1	LITHONIA	RSX2-LED-P6-40K-R5-MVOLT-RPA-DDBXD	1	LED	208	244	244	244	OUTDOOR LED AREA LIGHT	MOUNTED @ 28'-0"
703.2	LITHONIA	RSX2-LED-P6-40K-R5-MVOLT-RPA-DDBXD	1	LED	208	244	244	244	OUTDOOR LED AREA LIGHT	MOUNTED @ 33'-0"
705	LSI - SCOTTSDALE	SCV-LED-13L-SC-UNV-DIM-50-WHT	1	LED	120	66	73	73	SCOTTSDALE VERTEX - CANOPY LED	
705B	LSI - SCOTTSDALE	SCV-LED-15L-SC-UNV-DIM-50-BRZ	1	LED	120	66	73	73	SCOTTSDALE VERTEX - CANOPY LED	

1 ELECTRICAL SITE LIGHTING PLAN
1" = 30'-0"



GENERAL NOTES

- ALL CONVENIENCE OUTLETS SHALL BE MOUNTED AT 18" AFF TO CENTER UNLESS NOTED OTHERWISE.
- ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT CONNECTION TYPES AND PROVIDE APPROPRIATE PLUG AND RECEPTACLE CONTRACTOR IS RESPONSIBLE FOR MAKING ALL FINAL CONNECTIONS TO EQUIPMENT PROVIDED BY OTHERS.
- TWO CAT5 CABLE WITH RJ-45 CONNECTORS IS TO BE PULLED FROM THE ATM TO THE PHONE BOARD. ALL CAT5 CABLES ARE TO BE CLEARLY LABELED (NOT HAND WRITTEN) AT EACH END.

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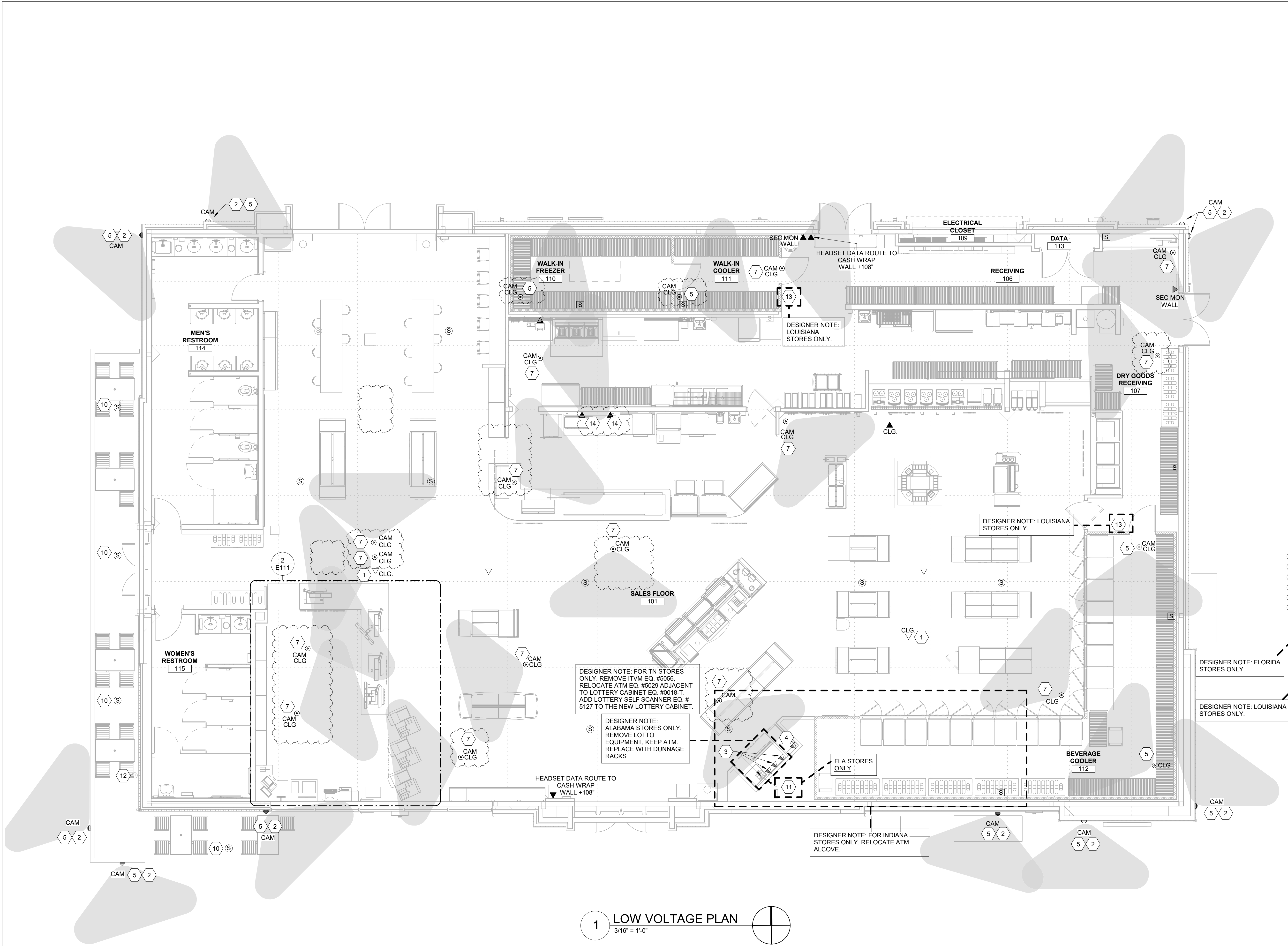
SHEET TITLE

ENLARGED POWER
PLANS

SHEET NUMBER

E111

INCORPORATED SPB: 2022-0102



1 LOW VOLTAGE PLAN
3/16" = 1'-0"

GENERAL NOTES

- SECURITY SYSTEM, INCLUDING MONITOR, RECORDER, CAMERAS, EQUIPMENT UPS AND 500 FT. ROLL OF RG591 CABLE TO BE FURNISHED BY RACE TRAC AND INSTALLED BY THE RACE TRAC VENDER
- SECURITY SYSTEM AND UPS TO BE LOCATED ON SHELVEING AND CONNECTED AS SHOWN ON SHEET E600.
- ALL SECURITY SYSTEM CABLES TO BE RUN OVERHEAD IN ACCESSIBLE CEILING SPACE (BY RACETRAC VENDOR).
- COORDINATE ALL CAMERA LOCATIONS WITH RACE TRAC BEFORE INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EQUIPMENT CONNECTION TYPES AND PROVIDE APPROPRIATE PLUG. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL FINAL CONNECTIONS TO EQUIPMENT PROVIDED BY OTHERS.
- PROVIDE MANUFACTURER RECOMMENDED CABLING TO FUEL CANOPY SECURITY CAMERA. SEE ELECTRICAL SITE PLAN FOR LOCATION.
- TWO CAT 5 CABLE WITH RJ-45 CONNECTORS IS TO BE PULLED FROM THE ATM TO THE DATA PANEL. ALL CAT 5 CABLE IS TO BE CLEARLY LABELED AT EACH END. ALL RJ-45 CONNECTORS/JACKS TO BE AT&T TYPE 110 TERMINATION (KEYSTONE).
- LEVITON # 45080-256 WALL PLATE WITH THE FOLLOWING "QUICK PORTS" CONNECTORS,
MAIN STORE PHONE #41106-VOICE
UTILITY PHONE #41106-VOICE

VEEDER ROOT #41108-DATA (RJ-45) WIRE STRAIGHT THROUGH & TERMINATE @ DATA PANEL.
COMPUTER #41108-DATA (RJ-45) WIRE STRAIGHT THROUGH & TERMINATE @ DATA PANEL.

SAFE #41008-DATA (RJ-45) WIRE STRAIGHT THROUGHOUT & TERMINATE @ DATA PANEL.

LABEL ALL CONNECTIONS AND PLUG 6TH CONNECTOR OPENING (NO HAND WRITTEN LABELS).

- PROVIDE #H32400 (PLENUM, OVERALL FOIL SHIELD, MULTICONDUCTOR CABLE) LOW VOLTAGE 4 CONDUCTOR, 18 GAUGE (18/4) SHIELDED WIRE REQUIRED FOR INTERCOM WIRING. ACCEPTABLE ALTERNATE SHALL BE #WCW89418FEQ, PLENUM RATED, 18 GAUGE, 4 CONDUCTOR DATA COMMUNICATIONS CABLE.
- PROVIDE #H32600 (PLENUM, OVERALL FOIL SHIELD, TWISTED PAIR CABLE) LOW VOLTAGE 2 CONDUCTOR, 18 GAUGE (18/2) SHIELDED WIRE REQUIRED FOR VEEDER ROOT WIRING. ACCEPTABLE ALTERNATE SHALL BE #WCW88760FEQ, PLENUM RATED, 18 GAUGE, 2 CONDUCTOR (18/2) DATA COMMUNICATIONS CABLE.
- FOR INTERIOR CAMERAS, MONITORS, AND DISPLAY USE CAT6 BLUE PLENUM CABLE FOR INTERIOR RUNS LESS THAN 300'. USE CAT6 OSP CABLE FOR EXTERIOR RUNS LESS THAN 300'. USE GAMECHANGER CABLE FOR EXTERIOR RUNS GREATER THAN 300'.

SHEET KEYNOTES

- OUTLETS LOCATED ABOVE CEILING FOR FUTURE WIRELESS ACCESS POINT.
- MOUNT SECURITY CAMERA AT 12'-0".
- PROVIDE MANUFACTURER RECOMMENDED CABLING BACK TO TELECOMMUNICATIONS CLOSET. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
- PROVIDE (2) CAT5 LINES FROM ATM TO THE TELEPHONE BOARD/FRAME RELAY ROUTER. INSTALL RJ11 CONNECTOR ON LINE TO TELEPHONE BOARD/RJ45 CONNECTOR TO ROUTER.
- CAMERA MERAKI OUTDOOR MV72
- NOTE NOT USED.
- CAMERA MERAKI INDOOR MV22
- NOTE NOT USED.
- NOTE NOT USED.
- EXTERIOR GRADE RECESSED SPEAKER. EC TO ROUTE CONDUIT, WITH PULL STRING, FROM DATA CLOSET TO SPEAKER.
- L.V.E.C. SHALL PROVIDE CAT5 CABLING FOR FUTURE ADDITION OF CEILING MOUNTED CAMERA. CAT5 CABLE MUST RUN FROM THE ITVM BACK TO THE TELECOMMUNICATIONS CLOSET.
- L.V.E.C. SHALL PROVIDE (1) SPARE 3/4" CONDUIT FROM DATA CLOSET WITH PULL-STRING.
- PROVIDE SMOKE DETECTOR AT ENTRANCE TO WALK-IN COOLER.
- PROVIDE ETHERNET CABLE TO LABEL PRINTER AND MUHC AS REQUIRED. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO COMMENCING WORK.

DESIGNER NOTE: FLORIDA STORES ONLY.

DESIGNER NOTE: LOUISIANA STORES ONLY.

CAMERA ANGLE LEGEND



CAMERA VIEW ANGLE.
REFERENCE VENDOR
INSTALLATION GUIDE FOR
MORE INFORMATION

INCORPORATED SPB: 2022-0102

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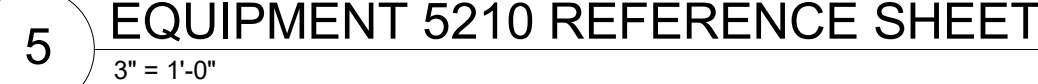
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SHEET TITLE

LOW VOLTAGE PLAN

SHEET NUMBER

E120



1. BEFORE STARTING THE INSTALLATION PROCESS PLEASE READ ALL NOTES AND LOW VOLTAGE DISPENSER DISCONNECT INSTRUCTION BULLETIN.
2. TLS-450 SENSOR CABLES SHALL BE HOUSTON H26500 OR SMARTWIRE WSWG8700 / (1) #18 SHIELDED TWISTED PAIR.
3. AS SOME SYSTEMS HAVE BOOTING SEQUENCES WHEN STARTING, THE LVDSO SHOULD BE ENERGIZED AND THEN BRING UP DEVICES ASSOCIATED WITH THE VIDEO AS PER THEIR MANUFACTURERS INSTRUCTIONS. ALSO CAREFULLY READ LVDSO INSTRUCTION BULLETIN SECTION 6- PRE-ENERGIZING CHECKOUT PROCEDURE AND SECTION 6- ENERGIZING THE LVDSO.
4. ALL EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, NFPA 70. PLEASE NOTE: DATA, VIDEO, AND INTERCOM ARE CONSIDERED CLASS 1 CIRCUITS.
5. POWER WIRES: USE WIRE RATED AT LEAST 90°C, 300V, GAS AND OIL RESISTANT CONSISTENT WITH DISPENSER MANUFACTURERS RECOMMENDATIONS.
6. DATA WIRES: USE WIRE RATED AT LEAST 90°C, 300V, GAS AND OIL RESISTANT CONSISTENT WITH DISPENSER MANUFACTURERS RECOMMENDATIONS.
7. INTERCOM WIRES: USE WIRE RATED AT LEAST 90°C, 300V, GAS AND OIL RESISTANT CONSISTENT WITH DISPENSER MANUFACTURERS RECOMMENDATIONS. DISPENSER INTERCOM CABLES SHALL BE HOUSTON H32400 OR SMARTWIRE WSWG8418 (2) #22 SHIELDED TWISTED PAIR.
8. THE DISPENSER "AC" POWER IS FROM EITHER THE ASSOCIATED DISPENSER CIRCUIT BREAKER -OR- THE REMOTE INDIVIDUAL SHUTDOWN TERMINAL ON THE SQUARE D P46CS DMEX FOR EACH "MOTHER BOARD" (AS SHOWN AT LEFT), ALSO CAREFULLY READ LVDSO INSTRUCTION BULLETIN SECTIONS "ELECTRICAL INSTALLATION," "CABLE PULLING" AND "CABLE TERMINATIONS".
9. DISPENSER "AC" (POWER) AND "DC" (DATA) TYPICALLY RUN IN SEPARATE CONDUITS, OR PER DISPENSER MANUFACTURERS REQUIREMENTS.
10. THE WIRE SIZE AND NUMBER OF CONDUCTORS REQUIRED FOR COMMUNICATION DATA (DC) WIRING MUST BE DETERMINED BY THE SPECIFICATIONS OF THE DISPENSER MANUFACTURER. TYPICALLY (2) CONDUCTORS (NORMALLY SHIELDED) ARE REQUIRED WHEN CARD READERS ARE USED IN THE DISPENSERS.
11. THE DISPENSER CONTROL WIRING SHOWN ON THIS DRAWING IS FOR ONE DISPENSER. ALTHOUGH THE NUMBER OF DISPENSERS REQUIRED FOR EACH JOB MAY VARY THE WIRING SHOWN IS TYPICAL OF ALL DISPENSERS.
12. ALL SOLID LINES (—) REPRESENT FACTORY WIRING.
13. ALL DASHED LINES (---) REPRESENT FIELD WIRING.
14. ALL MAIN DISCONNECT & BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY OTHERS.
15. VIDEO MOTHERBOARD (PART LVDM0B-500), THE NUMBER OF MOTHERBOARDS VARIES DEPENDING ON WHICH MODEL OF LOW VOLTAGE DISPENSER DISCONNECT IS ORDERED. INCOMING POWER/CONTROL WIRING SHOWN ON THIS DRAWING IS TYPICAL OF ALL.
16. VIDEO RELAYBOARD (PART LVDM0B-800), THE NUMBER OF RELAYBOARDS VARIES DEPENDING ON WHICH MODEL OF LOW VOLTAGE DISPENSER DISCONNECT IS ORDERED. INCOMING POWER/CONTROL WIRING SHOWN ON THIS DRAWING IS TYPICAL OF ALL.

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INCORPORATED SPB