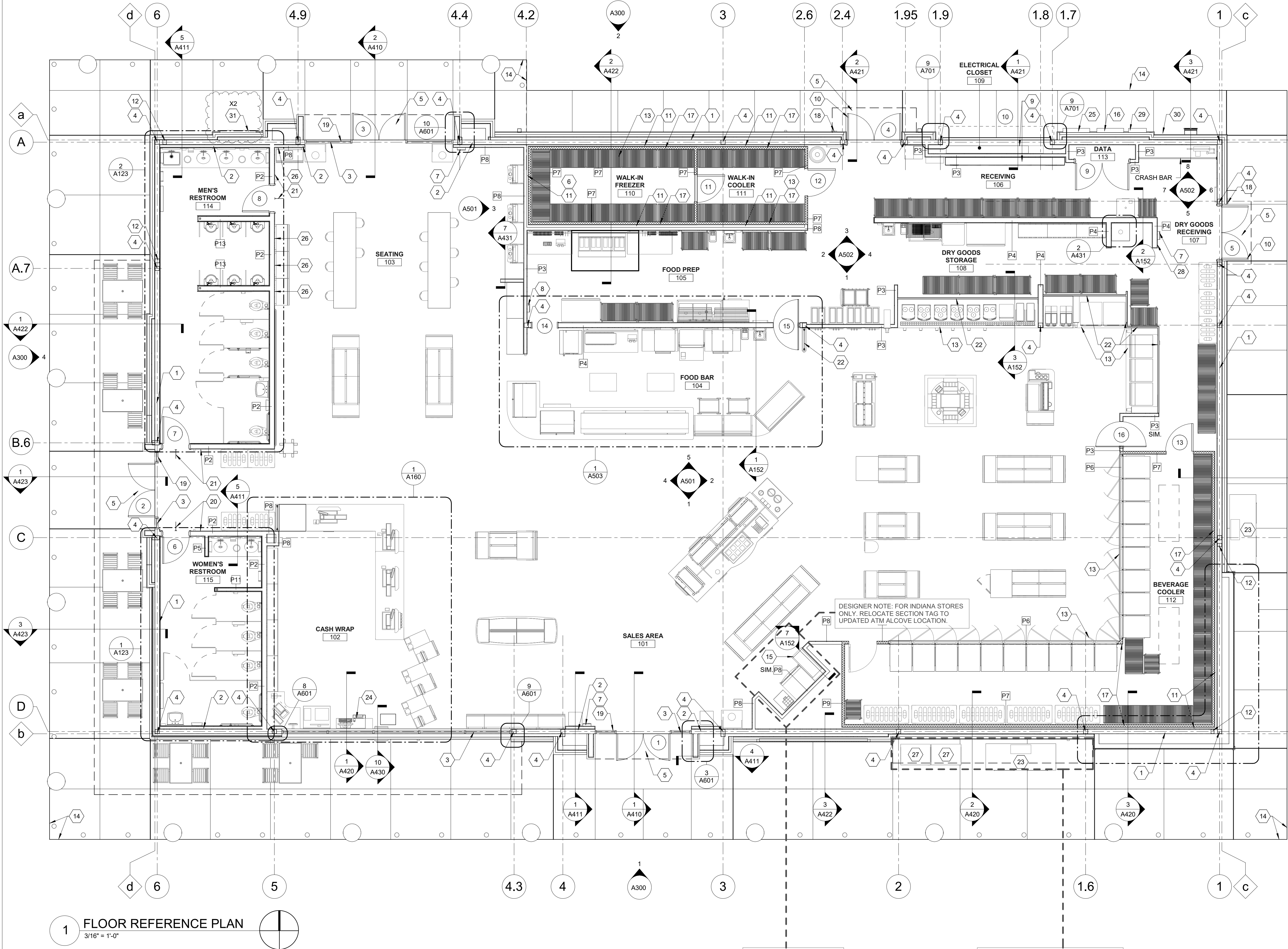




1 FLOOR REFERENCE PLAN
3/16" = 1'-0"

GENERAL NOTES

- INTERIOR DIMENSIONS ARE FROM STUD TO STUD (UNO) AS INDICATED WITH AN ASTERISK(*).
- REFER TO SITE PLAN FOR ORIENTATION OF BUILDING. DO NOT SCALE PLANS.
- ALL FINISH FLOOR ELEVATIONS TAKEN FROM TOP OF CONCRETE.
- ALL INTERIOR METAL STUDS ARE 3-5/8" UNLESS NOTED OTHERWISE.
- SEE ELECTRICAL DRAWINGS FOR EXIT SIGN & EMERGENCY LIGHT LOCATIONS.
- EXTERIOR DIMENSIONS AT MASONRY WALLS ARE TO THE FACE OF BLOCK.
- EXTERIOR DIMENSIONS AT METAL STUD FRAMING ARE TO FACE OF STUD.
- ALL GYPSUM BOARD TO BE 5/8" THICK UNLESS OTHERWISE NOTED.
- FOR PARTITION TYPES REFER TO SHEET A111.
- PROVIDE BATT INSULATION FOR ALL EXTERIOR WALLS, TYPICAL.
- LOCATE FIRE EXTINGUISHERS SUCH THAT ALL PORTIONS OF THE BUILDING ARE WITHIN 75 FEET TRAVEL DISTANCE OF AN EXTINGUISHER PER LOCAL JURISDICTION.

SHEET KEYNOTES

- 6" METAL STUD FRAMING WITH MINIMUM R-19 BATT INSULATION
- 6" METAL STUD FRAMING WITH MINIMUM R-19 BATT INSULATION AND 3 5/8" FURRING ON INTERIOR
- ALUMINUM STOREFRONT WINDOWS AND DOORS
- STEEL COLUMN; REF STRUCTURAL
- CONCRETE SIDEWALKS AT ALL EXTERIOR DOORS TO BE FLUSH WITH THE TOP OF INTERIOR SLAB. LANDING AREAS SHALL BE AT LEAST 5'X5'. SLOPE NOT TO EXCEED 1:48 IN ANY/ALL DIRECTIONS
- INSULATED FLOOR SLAB AT FREEZER
- FIRE EXTINGUISHER CABINET (F.E.C.). SEE EQUIPMENT PLAN FOR LOCATION. CLASS ABC FIRE EXTINGUISHER TO BE INSTALLED IN ACCORDANCE WITH NFPA REQUIREMENTS WITH TRAVEL DISTANCE TO EXTINGUISHER NOT EXCEEDING 75 FEET MEASURED AROUND ALL OBSTRUCTIONS TO THE MOST REMOTE PORTION OF A ROOM OR AREA. TOP OF EXTINGUISHER SHALL NOT BE MORE THAN 48" ABOVE FINISH FLOOR AND THE BOTTOM OF EXTINGUISHER SHALL NOT BE LESS THAN 15" ABOVE THE FINISH FLOOR
- FIRE EXTINGUISHER CABINET (F.E.C.). SEE EQUIPMENT PLAN FOR LOCATION. CLASS K FIRE EXTINGUISHER TO BE PROVIDED FOR HAZARDS WHERE THERE IS POTENTIAL FOR FIRES INVOLVING COMBUSTIBLE COOKING MEDIA. EXTINGUISHER TO BE INSTALLED IN ACCORDANCE WITH NFPA REQUIREMENTS WITH TRAVEL DISTANCE TO EXTINGUISHER NOT EXCEEDING 75 FEET MEASURED AROUND ALL OBSTRUCTIONS TO THE MOST REMOTE PORTION OF A ROOM OR AREA. TOP OF EXTINGUISHER SHALL NOT BE MORE THAN 48" ABOVE FINISH FLOOR AND THE BOTTOM OF EXTINGUISHER SHALL NOT BE LESS THAN 15" ABOVE THE FINISH FLOOR
- ELECTRICAL PANEL
- HOLLOW METAL DOOR AND FRAME
- 2" MINIMUM AIR GAP AT REFRIGERATION WALLS
- CROSS BRIDGING; REF STRUCTURAL
- MILLWORK AND REFRIGERATION EQUIPMENT BY RT. REF EQUIPMENT PLAN FOR MORE INFORMATION.
- LIMITS OF BUILDING SIDEWALK
- ATM FLAG SIGN; REF INTERIOR ELEVATIONS
- GENERATOR TAP BOX; REF ELECTRICAL FOR LOCATION
- COOLER/FREEZER WALL PANEL BY OTHERS
- INTERCOM CALL STATION RECESSED INTO EXTERIOR FINISH. REF ELECTRICAL FOR MORE INFORMATION
- EXIT SIGN BY OWNER; COMPLY WITH ADA REQUIREMENTS
- WOMEN'S RESTROOM SIGN BY OWNER; COMPLY WITH ADA REQUIREMENTS
- MEN'S RESTROOM SIGN BY OWNER; COMPLY WITH ADA REQUIREMENTS
- MILLWORK WALL BY VENDOR. INSTALL 1/4" GYPSUM WALL BOARD ON TOP OF MILLWORK WALL
- ICE MERCHANDISER
- PLATFORM ACCESS PANEL
- ELECTRICAL C/T AND METER
- PROVIDE BLOCKING AS REQUIRED FOR SHELVING.
- LOCATE PROPANE CAGE 5' AWAY FROM ANY ELECTRICAL OUTLET
- PROVIDE HONEYWELL CG512A1009 LARGE THERMOSTAT GUARD FOR EACH THERMOSTAT
- IRRIGATION CONTROLLER. REF ELECTRICAL. MOUNT AT 48" ABOVE SIDEWALK TO BOTTOM
- OIL/WATER SEPARATOR ALARM. REF ELECTRICAL. MOUNT AT 48" ABOVE SIDEWALK TO TOP
- GRAPHIC DISPLAYS BY RACETRAC

APPLICABLE SPB(S): 22-0302

RaceTrac

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DESIGN PROFESSIONALS

ISSUE/REVISION RECORD

DATE	DESCRIPTION
10/20/22	SPB NO. 0304

RaceTrac

RACETRAC INC.
SUITE 900
ATLANTA, GEORGIA 30339
(770) 431-7600

PROJECT NAME

ANYTOWN,CITY

CITY
STATE 00000
ADDRESS

RACETRAC STORE NUMBER

#0000

PROTOTYPE SERIES 2022

2022 LH MO 0304

PLAN MODIFICATION NOTICE

SPB NO. 0304 DATE 10/20/22

STANDARD PLAN BULLETINS (SPB) MODIFY THE
PROTOTYPE SERIES SET NOTED ABOVE. THE
LISTED SPB REPRESENTS THE LATEST
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THE ISSUE/REVISION RECORD COLUMN ABOVE
LISTS ANY REVISIONS OR SPB INCORPORATED IN
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CONTACT RACETRAC ENGINEERING AND
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BULLETINS NOT INCORPORATED HEREIN.

PROFESSIONAL SEAL

PROJECT NUMBER

XXXXXXX.XX

SHEET TITLE

FLOOR REFERENCE
PLAN

SHEET NUMBER

A110

ISSUE/REVISION RECORD	
DATE	DESCRIPTION
10/20/22	SPB NO. 0304

GENERAL NOTES

- ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE.
- REFER TO SHEET A500 FOR INTERIOR FINISH LEGEND.
- REFER TO ELECTRICAL SHEETS FOR LIGHTING FIXTURE SCHEDULE.
- REFER TO MECHANICAL SHEETS FOR DIFFUSER SCHEDULE.
- REFER TO WALL SECTIONS FOR SOFFIT CONSTRUCTION. ALL SOFFITS SHALL BE CONSTRUCTED OF ARMSTRONG DRYWALL CEILING GRIDS UNLESS OTHERWISE INDICATED.
- ALL WALL WASHERS TO BE DIRECTED TOWARD THE NEAREST WALL PER THE MANUFACTURER'S RECOMMENDATION AND SPECIFICATION TO ENSURE PROPER PERFORMANCE OF WALL WASH OPTIC.
- REFERENCE SHEET A500 FOR CEILING FINISH SCHEDULE.

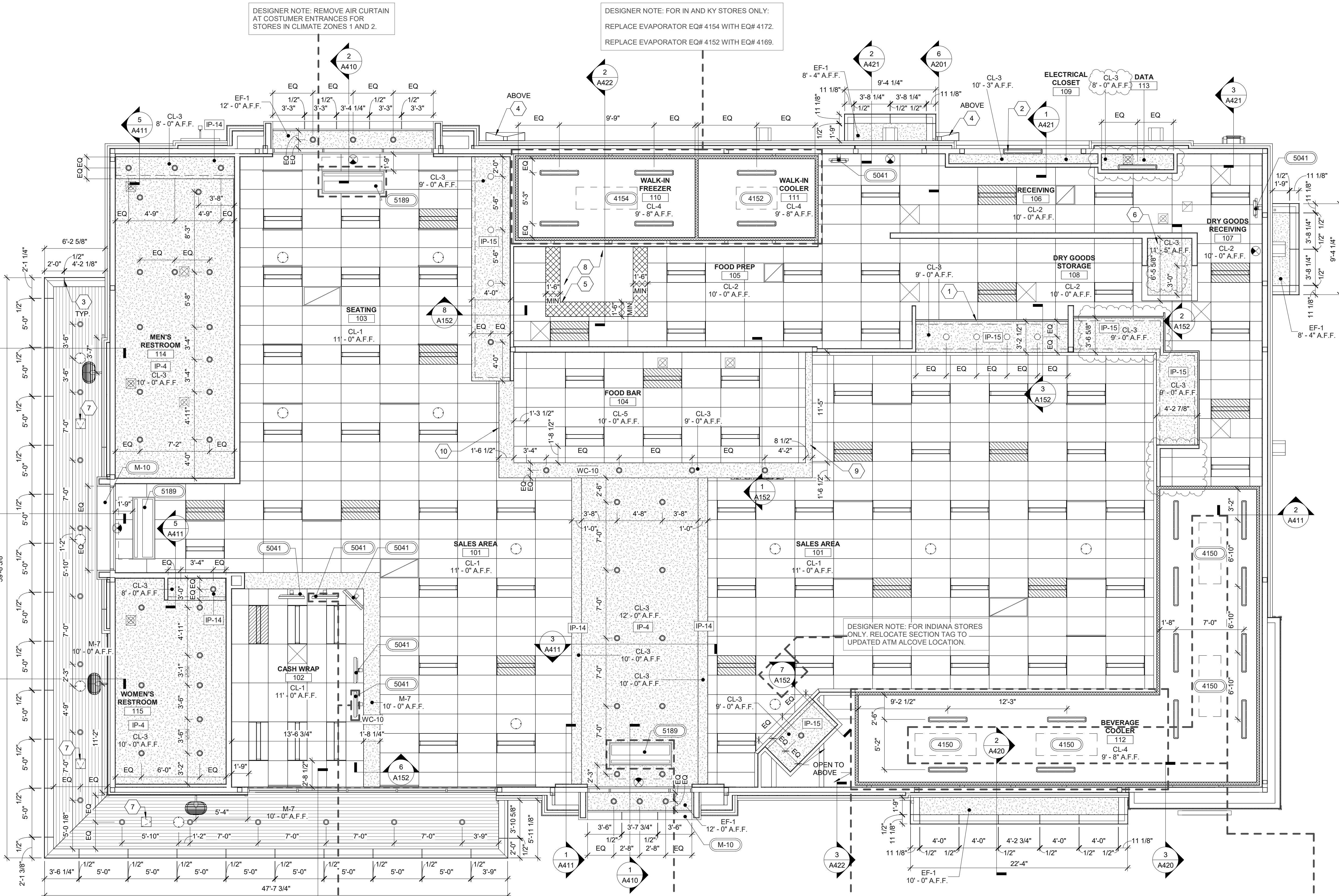
SHEET KEYNOTES

- MILLWORK WALL BY MILLWORK VENDOR. INSTALL 1/4" GYPSUM WALL BOARD ON TOP OF MILLWORK WALL.
- LIGHT MOUNTED TO OVERHEAD DOOR HEADER
- ACM PANEL REVEAL LINE
- ROOF SCUPPER
- 18" MINIMUM STAINLESS STEEL PANEL IN LIEU OF CEILING TILES WHERE SHOWN HATCHED
- RAISED CEILING 11"5" A.F.F. IN AREA FOR WATER HEATER
- 12"x12" ACCESS PANEL WITH POWDER COAT TO MATCH SOFFIT
- LOCATION OF HOOD. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS
- REFER TO ISOMETRIC DETAIL 5A152
- REFER TO ISOMETRIC DETAIL 4A152

REFLECTED CEILING PLAN LEGEND

- EXTERIOR LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- 6" RECESSED CAN LIGHT; REFER TO ELECTRICAL LIGHTING SCHEDULE FOR SPECIFIC MODEL
- PENDANT LIGHT; REFER TO ELECTRICAL LIGHTING SCHEDULE FOR SPECIFIC MODEL
- EXIT SIGN
- EXTERIOR WALL MOUNTED FAN
- SPEAKER
- SLOT DIFFUSER
- 2x2 CEILING DIFFUSER
- 2x2 RETURN AIR GRILLE
- 2x4 RETURN AIR GRILLE
- RESTROOM DIFFUSER
- RESTROOM EXHAUST
- ACOUSTICAL CEILING TILE
- GYPSUM WALL BOARD CEILING
- EXTERIOR SOFFIT CEILING MATERIAL
- WALL COVERING

APPLICABLE SPB(S): 22-0302



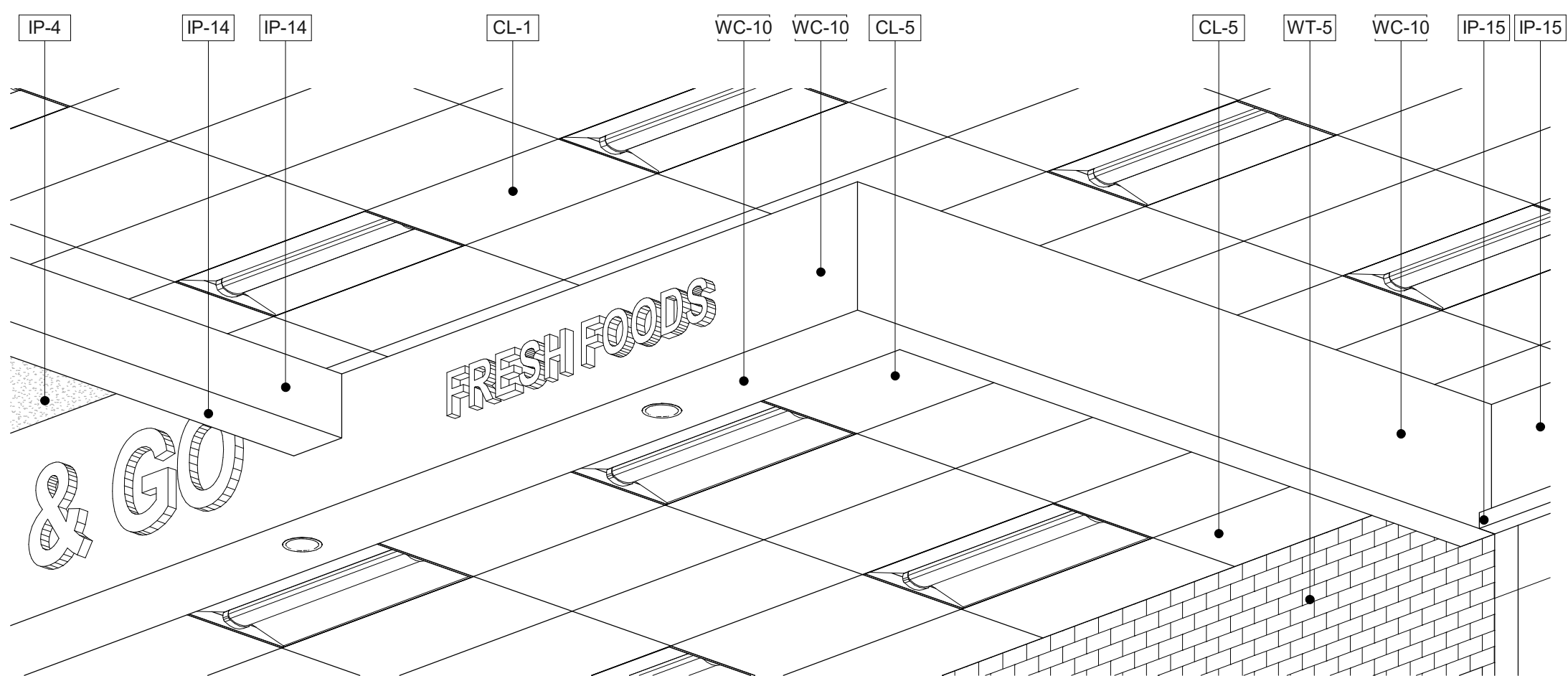
1 REFLECTED CEILING PLAN
3/16" = 1'-0"

DESIGNER NOTE: KEEP FOR GA STORES ONLY.
REMOVE FOR ALL OTHER REGIONS.

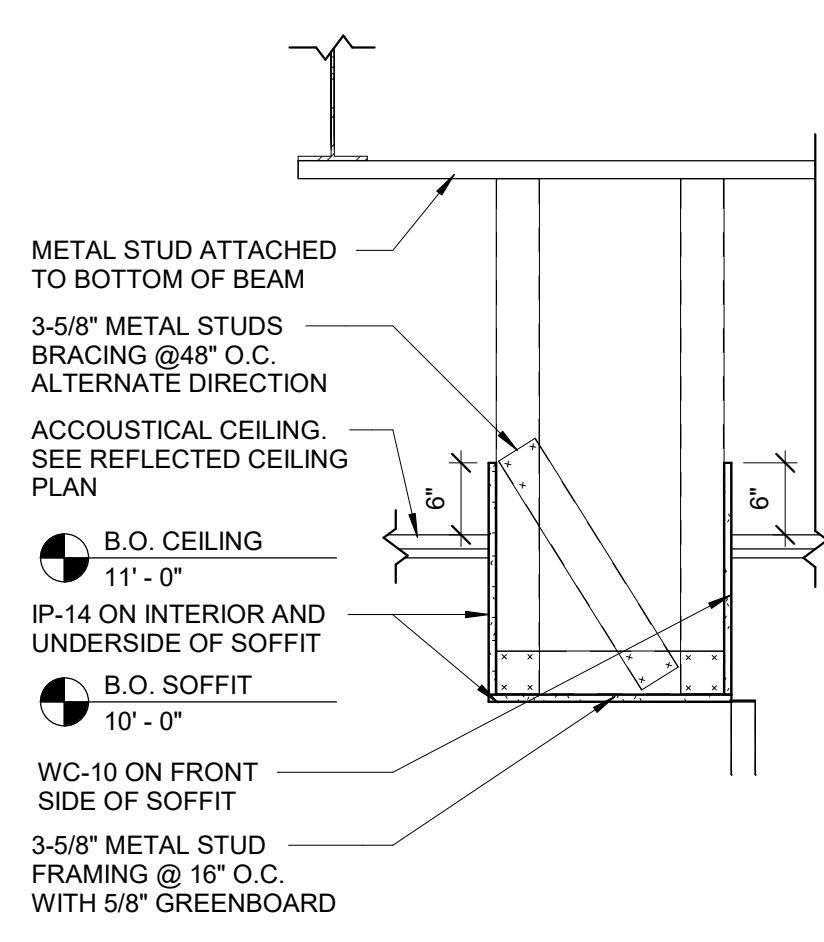
DESIGNER NOTE: REMOVE AIR CURTAIN AT
CUSTOMER ENTRANCES FOR STORES IN
CLIMATE ZONES 1 AND 2.

DESIGNER NOTE:
FOR INDIANA STORES ONLY. UPDATE LAYOUT FOR REGION-
SPECIFIC REQUIREMENTS. REFERENCE DESIGNER NOTES ON
A110. REMOVE (2) 002 STRIP LIGHT FIXTURES IN BEVERAGE
COOLER; ADD (2) 2X4 LIGHT FIXTURES ON SALES FLOOR.
COORDINATE ALL TAGS, DIMENSIONS, AND NOTES WITH
FLOOR PLAN UPDATE.

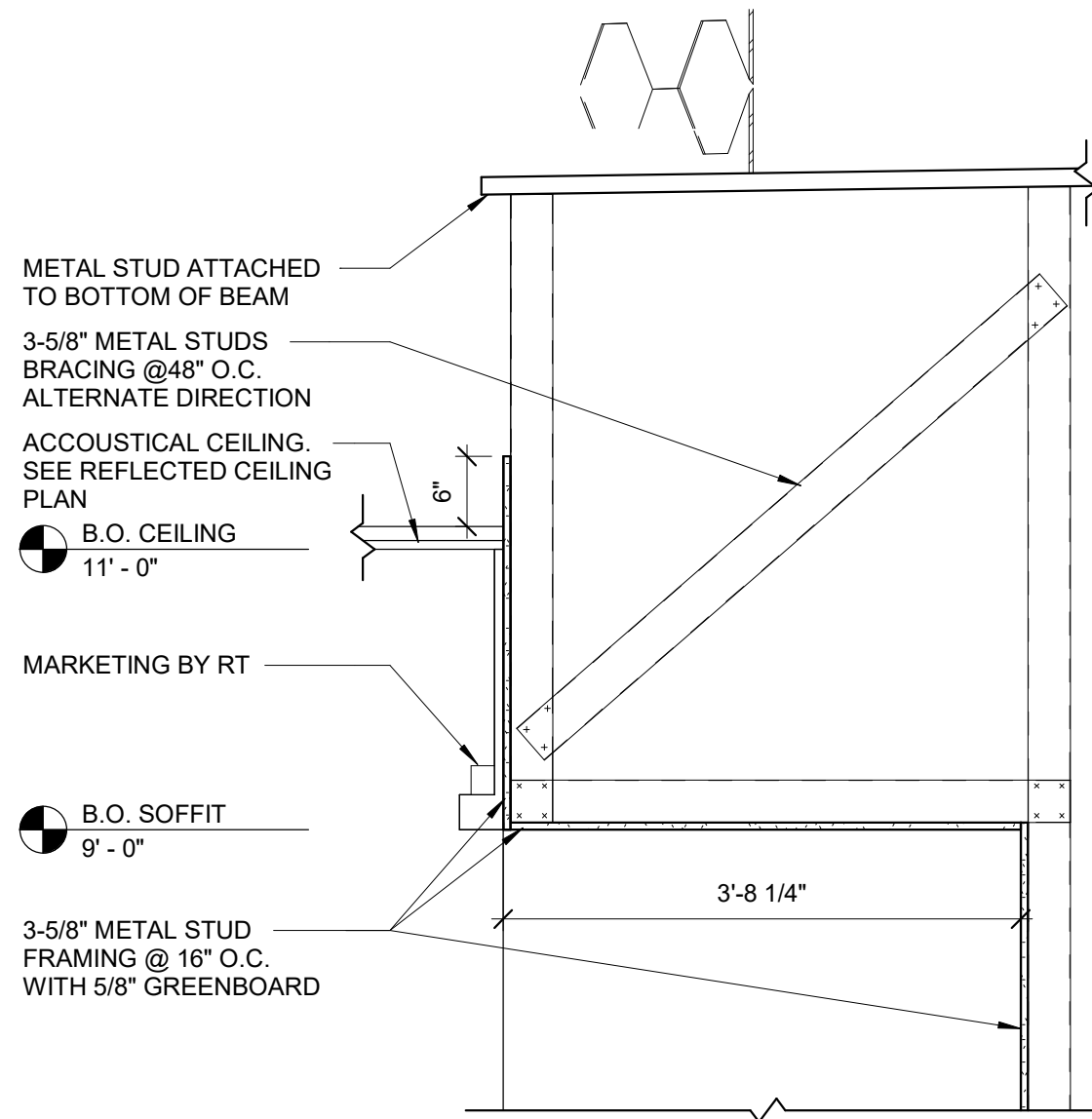
DESIGNER NOTE: FOR IN AND KY STORES ONLY:
REPLACE EVAPORATOR EQ# 4150 WITH EQ# 4169.
FOR INDIANA STORES ONLY. PROVIDE ONLY (3) EQ# 4169 EVAPORATORS.



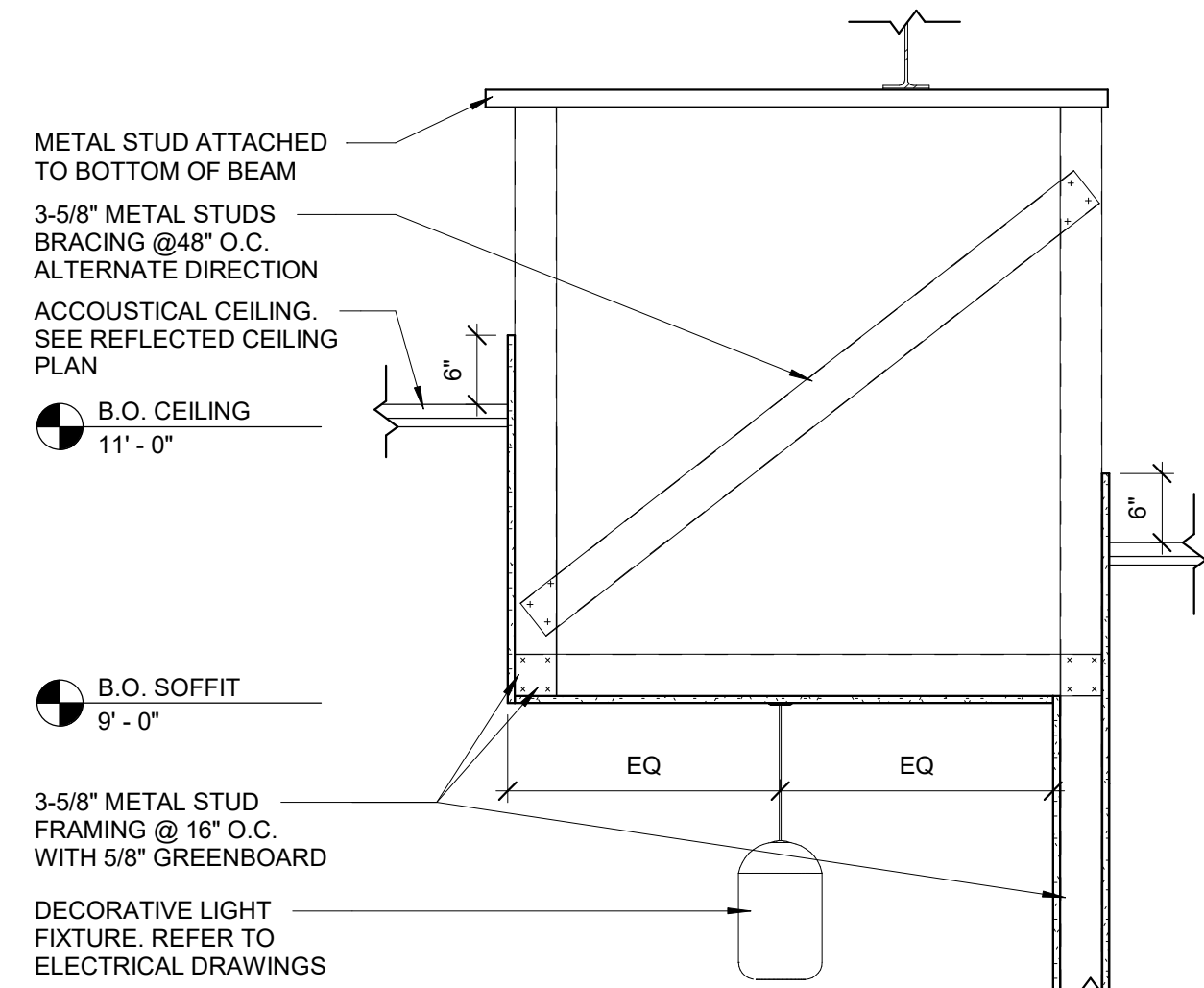
5 SOFFIT TERMINATION AT YOGURT



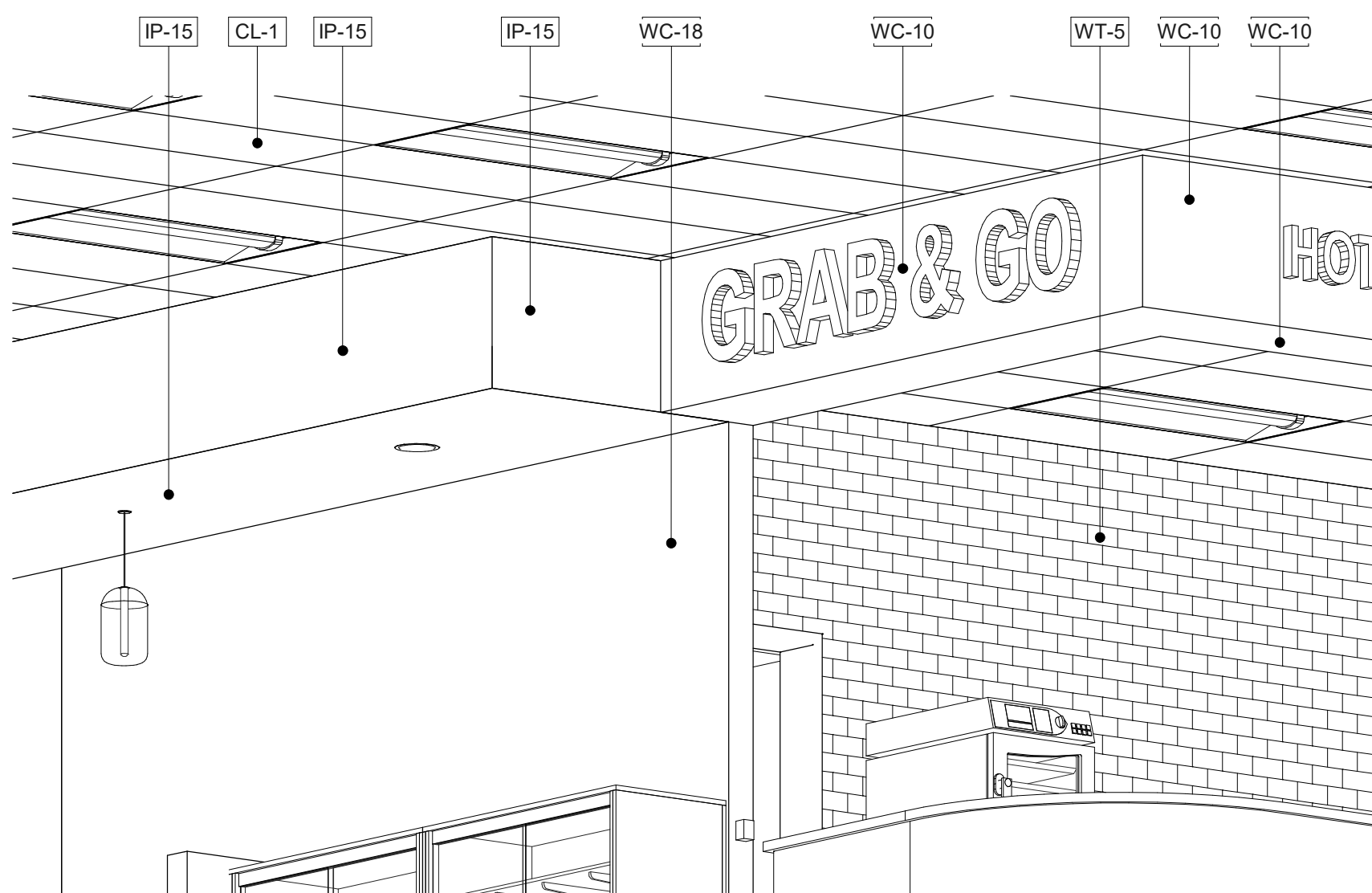
6 CASH WRAP SOFFIT SECTION



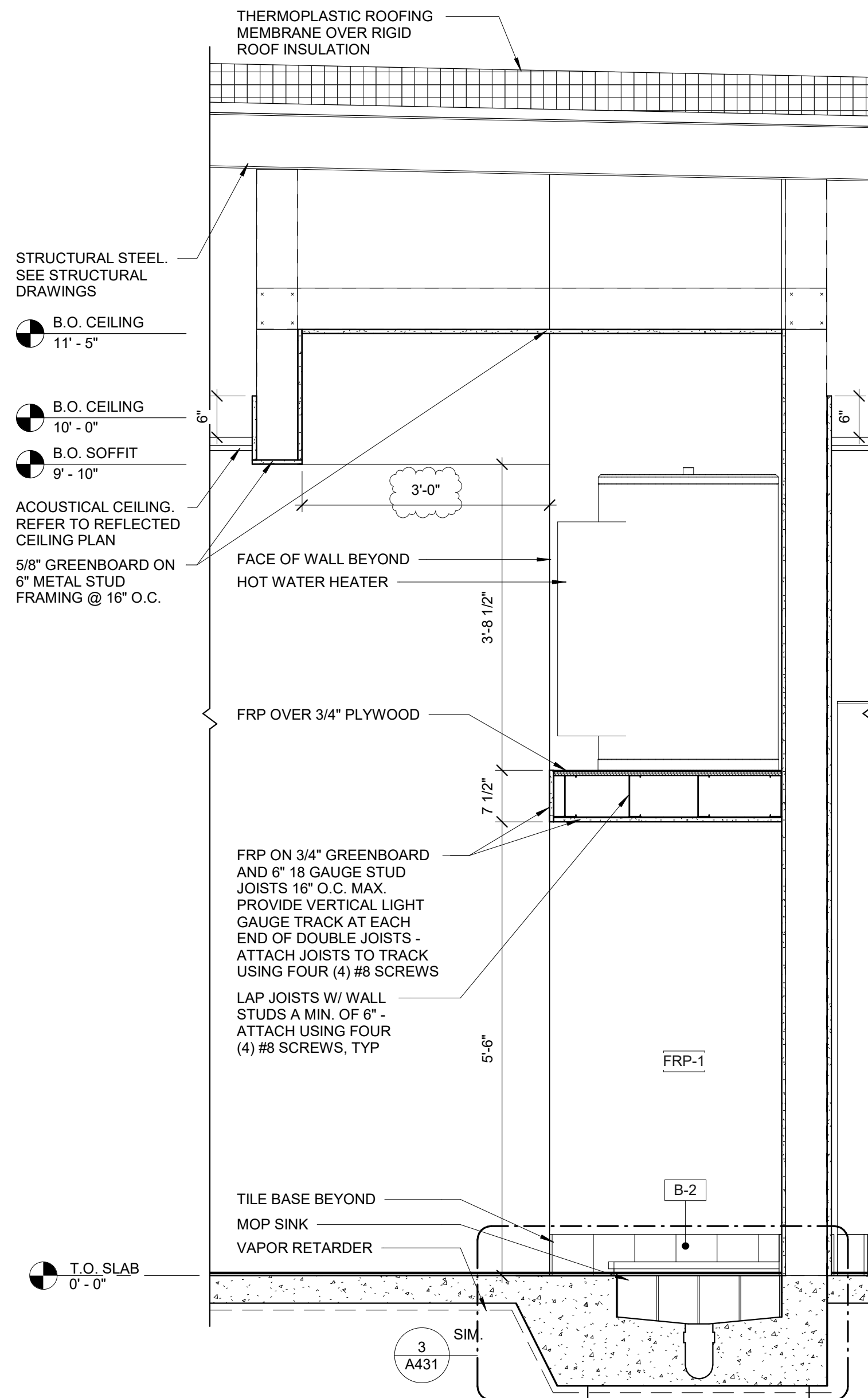
7 SOFFIT SECTION @ ATM



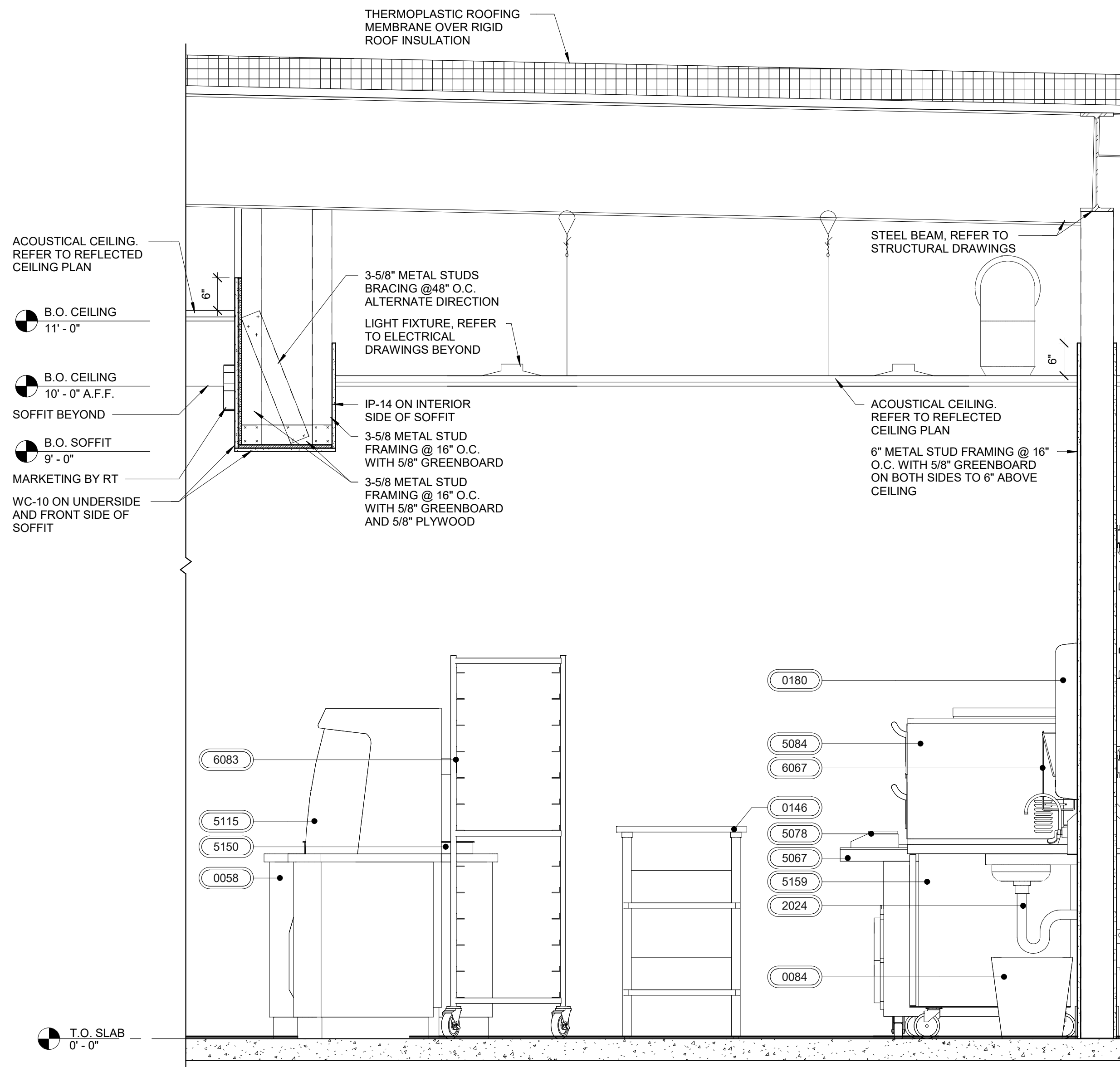
8 SOFFIT SECTION



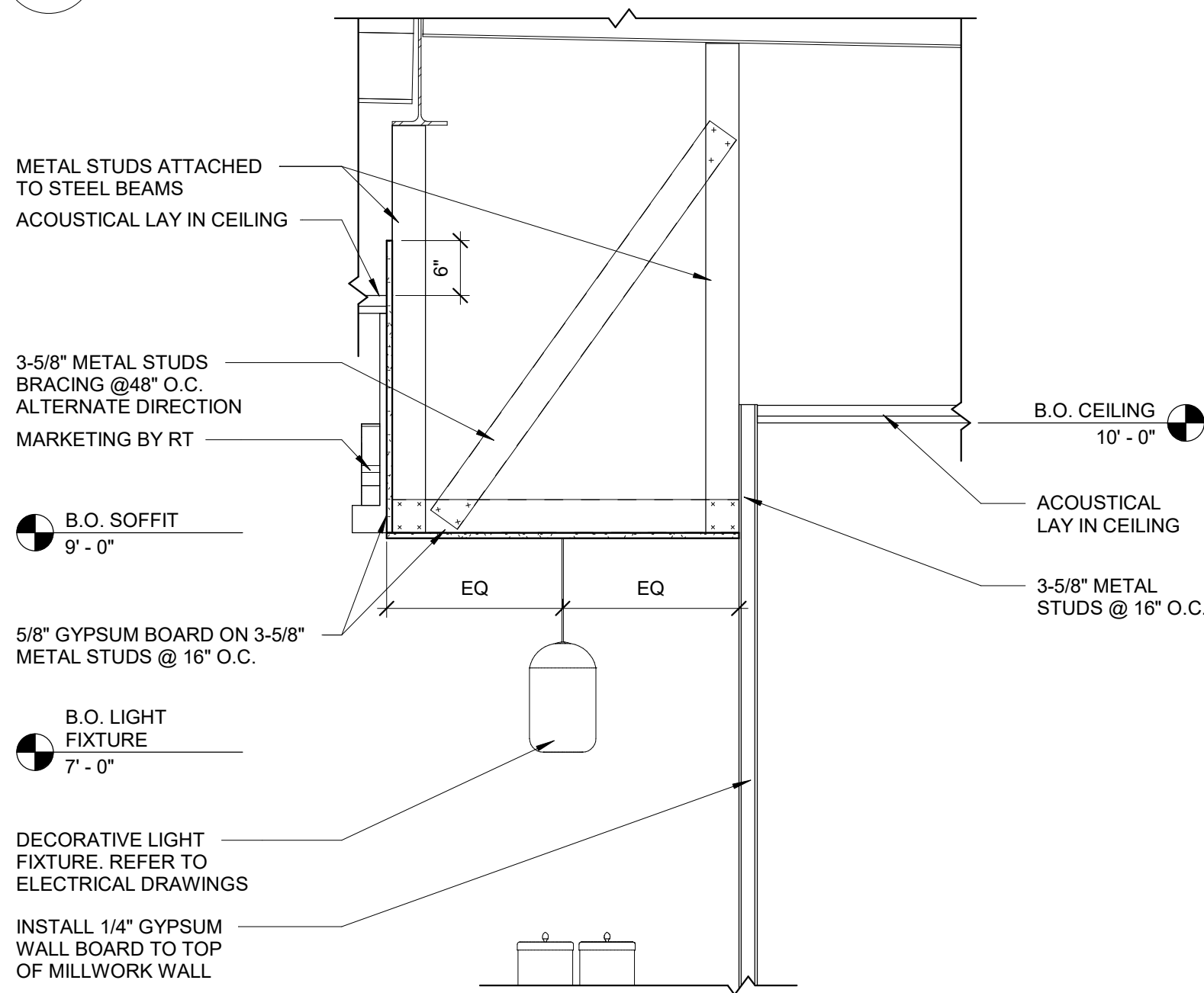
4 SOFFIT TERMINATION AT SEATING AREA



2 WATER HEATER PLATFORM SECTION



1 SOFFIT SECTION AT FOOD BAR



3 SOFFIT SECTION @ COFFEE

ISSUE/REVISION RECORD	
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10/20/22	SPB NO. 0304

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RaceTrac

RACETRAC INC.
200 GALLERIA PARKWAY SOUTHEAST
SUITE 600
ATLANTA, GEORGIA 30339
(770) 431-7600

PROJECT NAME

ANYTOWN,CITY

CITY
STATE 00000
ADDRESS

RACETRAC STORE NUMBER

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2022 LH MO 0304

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PROFESSIONAL SEAL

PROJECT NUMBER

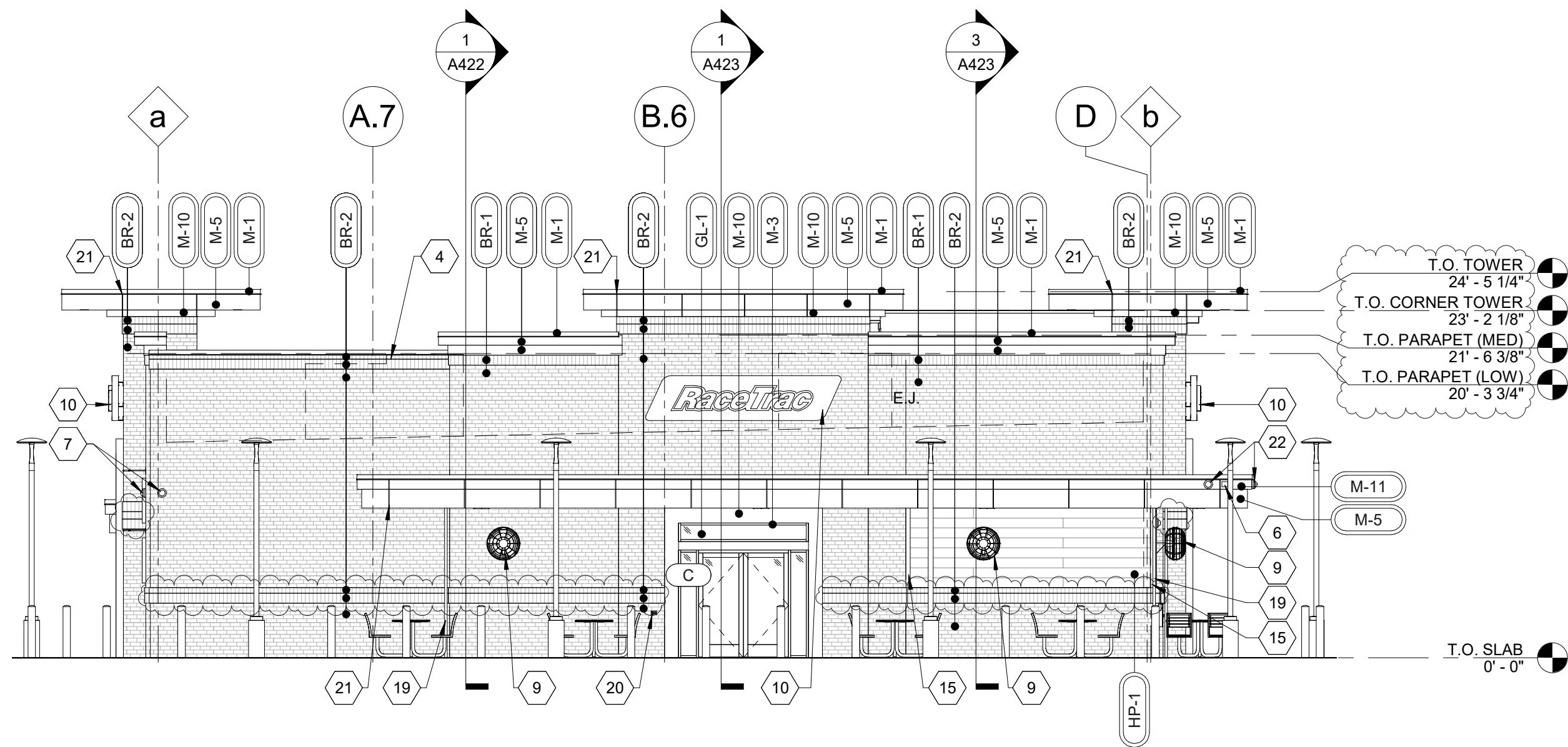
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SHEET TITLE

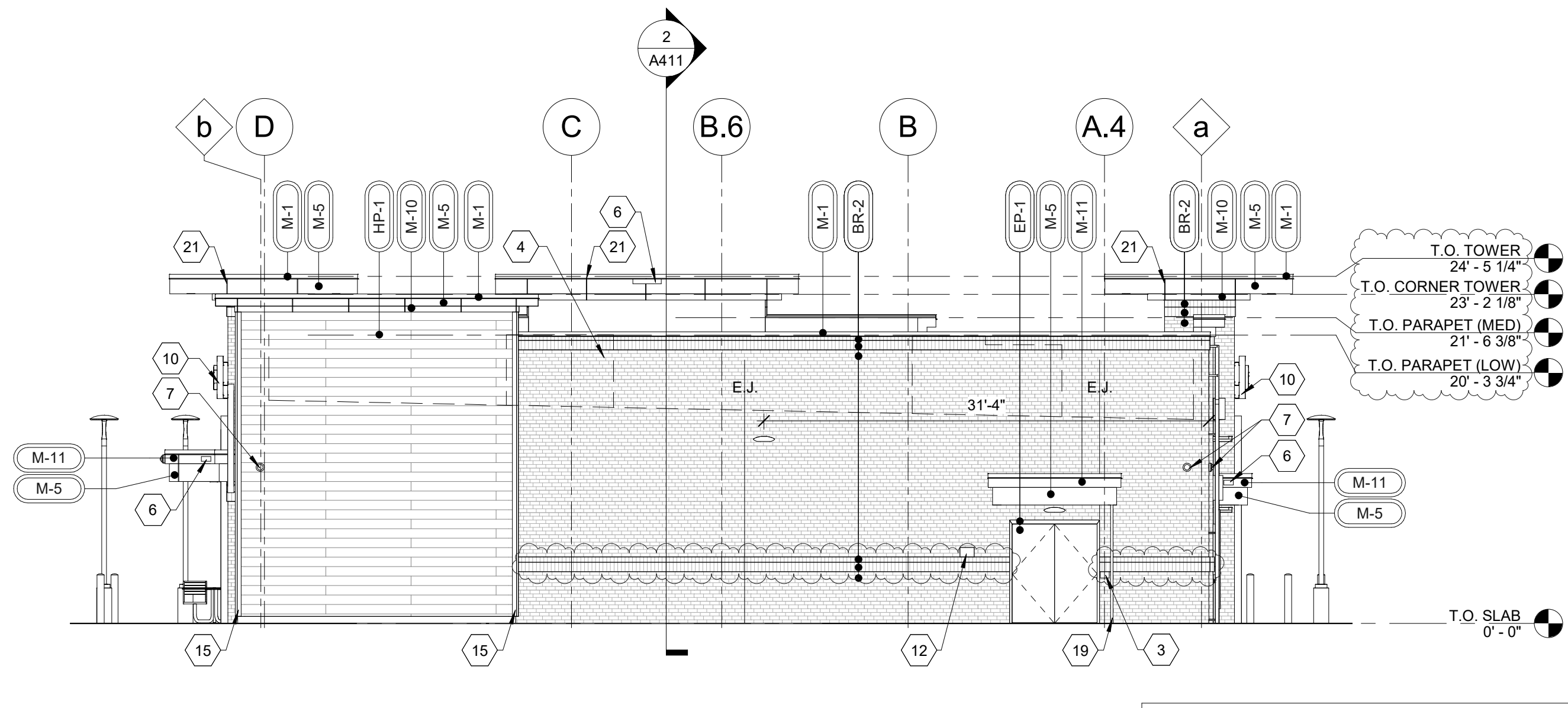
EXTERIOR
ELEVATIONS

SHEET NUMBER

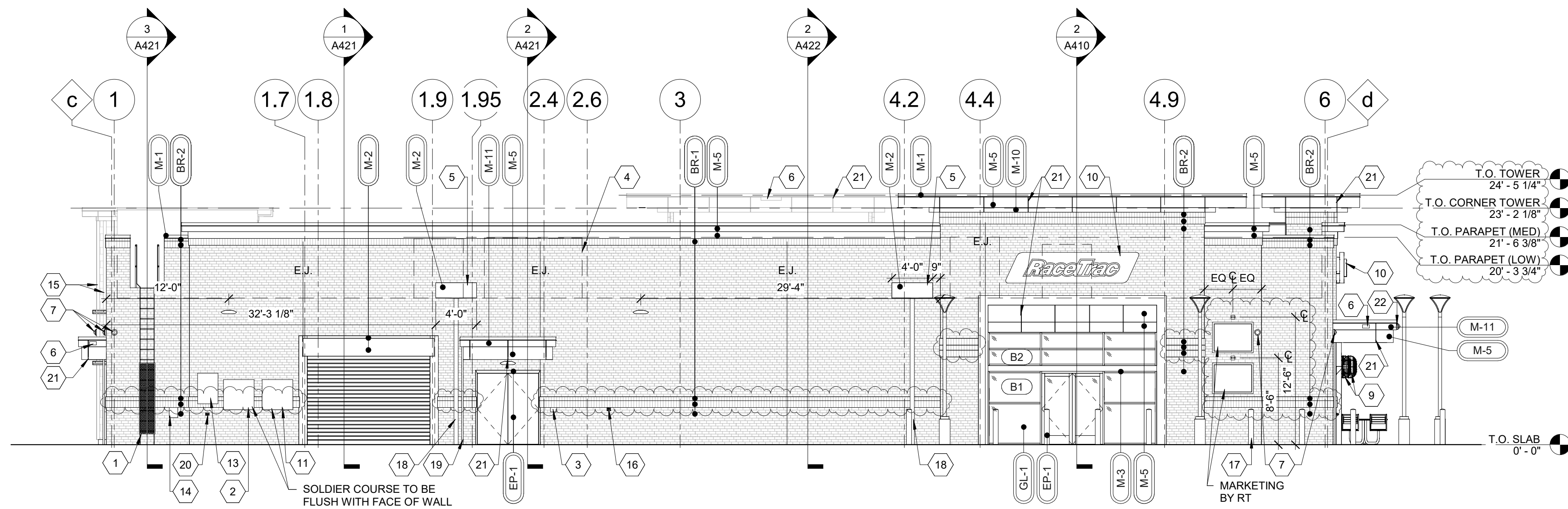
A300



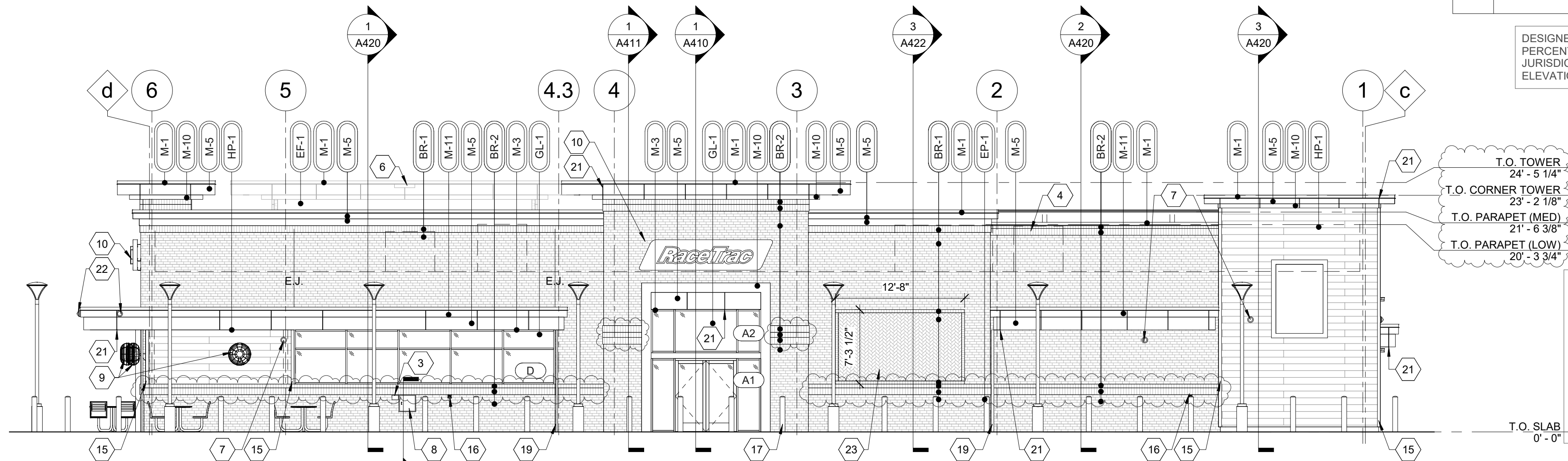
4 RIGHT ELEVATION
1/8" = 1'-0"



3 LEFT ELEVATION
1/8" = 1'-0"



2 REAR ELEVATION
1/8" = 1'-0"



1 FRONT ELEVATION
1/8" = 1'-0"

DESIGNER NOTE: CHANGE
TO SUGAR CREEK FOR KY,
IN, OH STORES ONLY.

DESIGNER NOTE: CHANGE
TO GENERAL SHALE FOR
KY, IN, OH STORES ONLY.

APPROVED ALTERNATES	
FL STORES ONLY:	
HP-1 NICHHA (FL# 12098.1)	NICHBOARD PLANK SMOOTH
FOR ALL OTHER STORES:	
HP-1 NICHHA (FL# 12098.1)	NICHBOARD PLANK SMOOTH
LP SMARTSIDE	STRAND SUBSTRATE SMOOTH LAP AND PANEL SIDING

PAINT SHERWIN WILLIAMS
SEALSKIN #7675

DESIGNER NOTE: ADD BUILDING MATERIAL
PERCENTAGE TABLE AS REQUIRED PER
JURISDICTION. REFER TO PRELIMINARY
ELEVATIONS AND MODIFY AS REQUIRED.

DESIGNER NOTE: CHANGE
TO STONE MILL FOR KY,
IN, OH STORES ONLY.

DESIGNER NOTE:
ADJUST THE FOLLOWING MATERIALS FOR IMPACT RATED LOCATIONS
(136 MPH AND HIGHER)
GL-1 TO GL-5 AND UPDATE TO 1-5/16" IMPACT RATED INSULATED
LAMINATED GLAZING.
DESCRIPTION: CLIMATE ZONES 1 OR 2: IGU 0.28 U-FACTOR, SHGC
PF>0.25=0.27 (1/4" CLEAR TEMPERED 70XL LOW-E #2 + 1/2" AIR + 1/4"
CLEAR + 0.90 SG + 1/4" CLEAR) OR APPROVED ALTERNATE.
M-3 SWITCH TO FG-S750T IMPACT RESISTANCE STOREFRONT
SYSTEM (OR APPROVED ALTERNATE)
PREFINISHED DARK BRONZE ANODIZED ALUMINUM AA-MI2C22A44

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL EXTERIOR MATERIAL COLOR AND FINISHES WITH THE ARCHITECT. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
- PROVIDE EXPANSION JOINTS (EJ) AT ALL LOCATIONS WHERE EIFS ABUTS A DISSIMILAR MATERIAL OR WHERE OTHERWISE REQUIRED BY MANUFACTURER.
- PROVIDE EXPANSION JOINTS (EJ) AS LOCATED ON EXTERIOR ELEVATION. SPECIFICATION FOR JOINT SEALANT SHALL BE 'LIGHT BRONZE' SL-2 BY TREMCO.
- MAXIMUM SPACING OF EXPANSION JOINTS SHALL BE 15'-0" O.C. OR PER MANUFACTURER RECOMMENDATION.
- REFER TO LIGHTING PLANS FOR LIGHTING FIXTURE LOCATION AND SCHEDULE.
- REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL FRAMING AND FOUNDATIONS.
- REFER TO REFLECTED CEILING PLANS FOR COMPLETE DIMENSIONS OF ACM JOINT LOCATIONS.

ELEVATION KEYNOTES

- PAINTED STEEL ROOF LADDER INSTALL BY GC; REF ROOF PLAN DETAILS AND WALL SECTIONS. PROVIDE METAL GUARD GATE AT 8'-0" AFF WITH LOCKING HASP
- GENERATOR TAP BOX; REFER TO ELECTRICAL FOR LOCATION
- INTERCOM AND SPEAKER. REFER TO ELECTRICAL DRAWINGS
- ROOF TOP UNIT; REFER TO MECHANICAL DRAWINGS FOR UNIT INFORMATION; REFER TO ROOF DETAILS FOR CURB CONDITIONS
- 4" WIDE X 16" HIGH METAL SCUPPER, CONDUCTOR HEAD, GUTTER, AND DOWNSPOUT AS DETAILED ON SHEET A201
- OVERFLOW SCUPPER
- WALL MOUNTED SECURITY CAMERA
- PACKAGE PASSER; REFER TO EQUIPMENT PLAN
- PATIO FAN; REFER TO ELECTRICAL DRAWINGS
- ILLUMINATED SIGN PANEL BY OWNER
- ELECTRICAL C/T AND METER
- OIL FILL BOX TO BE INSTALLED BY VENDOR
- IRRIGATION CONTROLLER. REFER TO ELECTRICAL DRAWINGS. MOUNT AT 48" ABOVE SIDEWALK TO BOTTOM
- OIL/WATER SEPARATOR ALARM. REFER TO ELECTRICAL DRAWINGS. MOUNT AT 48" ABOVE SIDEWALK TO TOP
- 1-1/2" X 3-1/2" SMOOTH FIBER CEMENT TRIM. INSTALL PER MANUFACTURER
- EMERGENCY SHUT OFF SWITCH; MOUNT TOP OF SIGN AT 48" ABOVE SIDEWALK; REF DETAIL ON SHEET A002
- STEEL BOLLARD. REFER TO DETAIL ON SHEET A100
- 5'X5' DOWNSPOUT, TIE TO UNDERGROUND STORM, SEE CIVIL FOR CONTINUATION
- 2'X2' DOWNSPOUT, TIE TO UNDERGROUND STORM, SEE CIVIL FOR CONTINUATION; REFER TO DETAIL ON SHEET A100
- HOSE BIBB; REFER TO PLUMBING DRAWINGS
- ACM PANEL REVEAL LINE. REFER TO SHEETS A150 & A151 FOR DIMENSIONS
- SECURITY CAMERA MOUNTED TO FASCIA
- BRICK HERRINGBONE PATTERN WITH 4" BRICK FRAME

EXTERIOR MATERIAL SCHEDULE

BRICK		
BR-1 US BRICK	1 LAREDO (QUEEN 1/3 BOND)	1 MORTAR COLOR "LIGHT BUFF"
BR-2 US BRICK	1 MOUNT RUSHMORE (QUEEN 1/3 BOND)	1 MORTAR COLOR "LIGHT BUFF"
CEMENT BOARD		
HP-1 JAMES HARDIE	SMOOTH LAP SIDING (OR APPROVED ALTERNATE)	PAINTED SHERWIN WILLIAMS "SEALSKIN" #7675. BLIND FASTEN AND STAGGER PLANKS PER MANUFACTURER'S RECOMMENDATION
EIFS		
EIF-1 STO	EIFS FASCIA AND SOFFIT	"FINE FINISH" APPLICATION; COLOR TO MATCH SW #6141 "SOFTER TAN"
GLAZING		
GL-1	1" NON-IMPACT RATED INSULATED GLAZING	CLIMATE ZONES 2 OR 3: IGU AT STOREFRONT 0.28 U-FACTOR, SHGC PF>0.25=0.27 (1/4" PPG SOLARBAN 70-XL LOW-E #2 + 1/2" AIR + 1/4" CLEAR) OR APPROVED ALTERNATE. SEE A600
METAL		
M-1	PREFINISHED 4" 2-PIECE COMPRESSION METAL COVER	METAL TO MATCH STOREFRONT COLOR DARK BRONZE
M-2	COLOR DARK BRONZE	METAL TO MATCH STOREFRONT COLOR DARK BRONZE
M-3	VISTAWALL (OR APPROVED ALTERNATE)	FG-3000 STOREFRONT SYSTEM (OR APPROVED ALTERNATE)
M-5	ALCOA REYNOBOND PE	COLORWELD 500 "CLASSIC BRONZE"
M-7	JAMES HARDIE, VERSATEX, NICHISOFFIT, OR TRU EXTERIOR	SMOOTH NON-VENTED SOFFIT PANEL (OR APPROVED ALTERNATE)
M-10	ALCOA REYNOBOND PE	TRD RED
M-11	ALCOA REYNOBOND PE	HYB BLUE
EP-1	SHERWIN WILLIAMS	EXTERIOR PAINT TO SW #7020 "BLACK FOX"
TREX		
TX-1	SELECT COMPOSITE	1"X 6"
WINDOW FILM		WINCHESTER GRAY
WF-1	WINDOW FILM; 3M PRESTIGE 70 SOLAR FILM	SEE A600 FOR WINDOW FILM LOCATIONS
WF-2	WINDOW FILM; OPAQUE	SEE A600 FOR WINDOW FILM LOCATIONS

APPLICABLE SPB(S): 22-0302, 22-0304

LIGHTING FIXTURE SCHEDULE							
TYPE	LAMP	VOLTAGE	VA PER FIXTURE	FIXTURE DESCRIPTION	CATALOG NUMBER	MFR.	REMARKS
002	LED	120 V	34 VA	LOW TEMP STRIP LIGHT	CSVT-L48-4000LM-MVOLT-40K-80CRI	LITHONIA	
101	LED	120 V	38 VA	6" LED RECESSED DOWNLIGHT	LBR6-AL03-SWW1-AR-TRW-LSS-MWD-MVOLT-UGZ-L BR6PFW	LITHONIA	
101BL	LED	120 V	38 VA	6" LED RECESSED DOWNLIGHT	LBR6-AL03-SWW1-AR-TRBL-LSS-MWD-MVOLT-UGZ-L BR6PFW	LITHONIA	
101EM	LED	120 V	38 VA	6" LED RECESSED DOWNLIGHT	LBR6-AL03-SWW1-AR-TRW-LSS-MWD-MVOLT-UGZ-E LR,LBR6PFW	LITHONIA	2
203	LED	120 V	4 VA	OMEGA12AM	1JT-OMEGA 12AM-SN	BESA LIGHTING	LED EDISON LAMP - SATCO - S9971
303	LED	120 V	43 VA	2X4 RECESSED LED TROFFER	BLC-2X4-5000LM-80CRI-40K-ADSM-MIN10-ZT-MVOLT -EL14L	LITHONIA	
304	LED	120 V	43 VA	2X4 RECESSED LED TROFFER (EMERGENCY)	BLC-2X4-5000LM-80CRI-40K-ADSM-MIN10-ZT-MVOLT -EL14L	LITHONIA	2
501	LED	120 V	51 VA	ARCHITECTURAL WALL LUMINAIRE	ARC2-P5-40K-MVOLT-DOBXD	LITHONIA	
502	LED	120 V					
502EM	LED	120 V	30 VA	ARCHITECTURAL WALL LUMINAIRE	ARC2-P4-40K-MVOLT-E8WC-DOBXD	LITHONIA	
507	LED	120 V	54 VA	DECORATIVE POLE LIGHT	RADPT LED-P3-40K-SYM-MVOLT-RADPT20-FAO-DOBXD / POST TOP MOUNT (POST)	LITHONIA	1
510	N/A	120 V	250 VA	PATIO FAN - WALL MOUNT	99539	AIR KING	
511	LED	10 V	51 VA	ARCHITECTURAL WALL LUMIERE	303-S1-LEDB2-4000K-UNV-T2-DIM10-BZ-12-EDGE	COOPER	
600	LED	120 V	3 VA	SINGLE FACE LED EDGE LIT EXIT SIGN W/BATTERY BACK-UP	CERS2RNE	HUBBELL	
602	LED	120 V	15 VA	COLD RATED EMERGENCY LIGHT, SURFACE MOUNTED EGRESS UNIT WITH COMPACT LOW PROFILE DESIGN; DIE CAST ALUMINUM HOUSING, SELF-DIAGNOSTICS, MAINTENANCE FREE Ni-CAD BATTERY, COLOR SELECTED BY ARCHITECT (BRONZE).	PG-W-HTR	HUBBELL	
801	N/A	120 V	0 VA	POWER PACK	RMJ-16R-DV-B-16A	LUTRON	
802	N/A	120 V	0 VA	MOTION SENSOR	LRF2-OCR2B-P-WH	LUTRON	
803	N/A	120 V	0 VA	LOW TEMP MOTION SENSOR	11901A00005	KASON	

LIGHT FIXTURE SCHEDULE NOTES:

1. REFER TO ARCHITECTURAL ELEVATION DRAWINGS. VERIFY POLE HEIGHT.
2. PROVIDE 90-MINUTE BATTERY BACK-UP WITH FIXTURE.

ELECTRICAL SYMBOLS	
	TELEPHONE OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
	DATA OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
	TELEPHONE/DATA OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
	20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
	20 AMP TAMPER RESISTANT DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
	20 AMP QUADPLEX RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
	20 AMP DUPLEX RECEPTACLE (NEMA 5-20R) WITH GROUND FAULT CIRCUIT INTERRUPTER, MOUNT AT 18" A.F.F. TO CENTER LINE OF OUTLET. UNLESS NOTED OTHERWISE.
	SPECIAL-PURPOSE RECEPTACLE. COORDINATE WITH EQUIPMENT.
	JUNCTION BOX
	MOTION SENSOR - SENSOR SWITCH #CM-PDT-10 WITH POWER PACK #PP20
	MOTION SENSOR - LOW TEMPERATURE. SENSOR SWITCH #CM-ADC-DZ.
	SECURITY CAMERA MONITOR.
	SECURITY CAMERA (PROVIDED BY RACETRAC). ROUTE MANUFACTURER-REQUIRED CABLING ABOVE CEILING TO EQUIPMENT LOCATED IN COMPUTER CLOSET.
	MUSIC SYSTEM CEILING-MOUNTED SPEAKER. ROUTE MANUFACTURER-REQUIRED CABLING ABOVE CEILING TO EQUIPMENT LOCATED IN COMPUTER CLOSET.
	CASHWRAP EAVESDROP WALL-MOUNTED SPEAKER. ROUTE MANUFACTURER-REQUIRED CABLING ABOVE CEILING TO EQUIPMENT LOCATED IN COMPUTER CLOSET.
	CASHWRAP EAVESDROP CEILING-MOUNTED MICROPHONE. ROUTE MANUFACTURER-REQUIRED CABLING ABOVE CEILING TO EQUIPMENT LOCATED IN COMPUTER CLOSET.
	MOTOR. SEE MECHANICAL DRAWINGS FOR SPECIFICATIONS.
	SINGLE POLE, 20 AMP, SWITCH. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED.
	MOTOR RATED SWITCH
	DISCONNECT SWITCH. REFER TO ELECTRICAL PLANS FOR MORE INFORMATION.
	ELECTRICAL POWER WALL
	WEATHERPROOF
	TIME CLOCK
	DENOTES CONNECTING MULTIPLE DEVICES TO A COMMON CIRCUIT
	ABOVE FINISH FLOOR
	DENOTES POWER DISTRIBUTION CENTER
	DENOTES DEVICE MOUNTED UNDER COUNTER
	DENOTES USB/RECEPTACLE PLUG CONFIGURATION
	DENOTES DEVICE MOUNTED ABOVE COUNTER
	DENOTES DEVICE MOUNTED IN CEILING
	EQUIPMENT TAG. REFER TO SHEET E002 FOR EQUIPMENT SCHEDULE.
	LIGHTING FIXTURE TAG. REFER TO THIS SHEET FOR LIGHTING FIXTURE SCHEDULE.
	SHEET KEYNOTE TAG.
	MECHANICAL EQUIPMENT TAG.

ELECTRICAL SPECIFICATIONS

PART 1 - GENERAL

- A. THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED. CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL ARCHITECT/ENGINEER HAS DIRECTED CORRECTIVE ACTION TO BE TAKEN.
- B. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATIONS INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF.
- C. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION) AND ALL CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION. THE SPECIFICATION, CODES AND STANDARDS LISTED BELOW ARE UTILIZED IN THIS PROJECT.
- NATIONAL ELECTRICAL CODE (NFPA-70)
 - CODE FOR SAFETY TO LIFE (NFPA 101)
 - STANDARD FOR THE INSTALLATION, MAINTENANCE AND USE OF LOCAL PROTECTIVE SIGNALING SYSTEMS (NFPA-72)
 - UNDERWRITERS' LABORATORIES (UL)
 - NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
 - AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
 - FEDERAL SPECIFICATION (FED. SPEC.)
 - INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA)
 - INTERNATIONAL BUILDING CODE. SEE COVER SHEET.
 - INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
 - ADDITIONALLY, DESIGNS, WORK PRACTICES AND CONDITIONS MUST CONFORM WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA)
- D. DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFIRM WITH OWNER'S REPRESENTATIVE.
- E. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- F. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FROM A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
- G. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THERE BY.
- H. ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- I. CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT.
- J. THE TERM "PROVIDE" USED IN THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS SHALL MEAN THAT THE CONTRACTOR IS TO FURNISH, INSTALL AND CONNECT COMPLETE.

PART 2 - PRODUCTS

- A. MINIMUM WIRE SIZE SHALL BE #12 AWG. (EXCEPT AS NOTED OTHERWISE FOR CONTROL WIRING). ALL CONDUCTORS SHALL BE 98% CONDUCTIVITY, COPPER WITH "THHN-THWN" INSULATION UNLESS OTHERWISE NOTED.
- B. ELECTRICAL METALLIC TUBING (EMT) SHALL BE OF BEST QUALITY STEEL, SMOOTH INSIDE AND OUT AND SHALL BE HOT-DIPPED GALVANIZED.
- C. RIGID NONMETALLIC CONDUIT SHALL BE SCHEDULE 40 PVC.
- D. OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- E. ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
- F. PANELBOARDS:
- CURRENT CARRYING BUSES SHALL BE COPPER. GROUND BUS BARS SHALL BE COPPER.
 - ALL CIRCUIT BREAKERS SHALL BE BOLT ON. PLUG-IN BREAKERS ARE NOT ACCEPTABLE.
 - CIRCUIT BREAKERS USED AS SWITCHES IN FLUORESCENT OR HID LIGHTING CIRCUITS SHALL BE LISTED AND MARKED "SWD" OR "HID" AS REQUIRED.
 - ALL CIRCUIT BREAKERS FEEDING MECHANICAL EQUIPMENT SHALL BE HACR TYPE.
 - PANELBOARDS SHALL BE SERIES RATED WITH UPSTREAM BREAKERS IN MDP. SERIES RATED BREAKER SHALL BE SELECTED BY VENDORS, PE.
 - ALL PANELBOARDS SHALL BE FURNISHED WITH PLASTIC LAMINATE NAMEPLATES WITH 1/4" ENGRAVED LETTERING FOR PANEL IDENTIFICATION.
- G. DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE, QUICK-BREAK.
- H. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC AS INDICATED ON THE ELECTRICAL DRAWINGS, WITH OVERLOAD RELAYS IN EACH PHASE. PROVIDE MAGNETIC STARTERS WITH "H-O-A" SWITCH.
- I. ENCLOSURES SHALL BE NEMA-1 FOR INDOOR LOCATIONS, NEMA 3R FOR OUTDOOR LOCATIONS OR AS OTHERWISE NOTED. FACEPLATES SHALL BE SMOOTH WHITE NYLON.
- J. WIRING DEVICES (GENERAL PURPOSE RECEPTACLES AND WALL SWITCHES) SHALL BE WHITE COLOR UNLESS OTHERWISE NOTED.
- K. ANY FIELD CONDUIT ROUTED A DISTANCE UNDER 200' SHALL BE 3/4" AND FIELD CONDUIT ROUTED A DISTANCE GREATER THAN 200' SHALL BE 1" PVC/METAL RIGID CONDUIT.

PART 3 - EXECUTION

- A. COLOR CODING OF CONDUCTORS SHALL BE AS FOLLOWS:
- 208/120 VOLTS, 3 PHASE, 4-WIRE SYSTEM: UNGROUNDED CONDUCTORS: 1 BLACK, 1 RED AND 1 BLUE. GROUNDED (NEUTRAL) CONDUCTOR; WHITE. GROUNDING CONDUCTORS SHALL BE GREEN.
 - BRANCH CIRCUIT WIRING (#6 AND SMALLER) SHALL BE COLOR CODED BY CONTINUOUS INSULATION COLOR AND FEEDERS AND SERVICES (#4 AND LARGER) SHALL BE CODED AT ALL JUNCTION OR PULL POINTS (EXCEPT LB'S OR LBD'S) USING COLOR MARKERS OR PLASTIC TAPE MANUFACTURED FOR THE PURPOSE.
- B. WIRING METHODS
- ALL CONDUCTORS SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE NOTED, SPECIFIED OR AS SPECIFICALLY PROHIBITED BY THE AUTHORITY HAVING JURISDICTION. ALL FITTINGS AND COUPLINGS FOR EMT CONDUIT SHALL BE ALL STEEL RAIN TIGHT COMPRESSION TYPE OR ALL STEEL CONCRETE TIGHT SET SCREW TYPE.
 - SCHEDULE 40 PVC CONDUIT, WITH FITTINGS AND COUPLINGS APPROPRIATE FOR THE USE, SHALL BE INSTALLED UNDERGROUND OR BELOW SLABS ON GRADE.
 - TYPE MC CABLE WITH ALUMINUM ARMOR AND INTERNAL GROUND IS ACCEPTABLE FOR USE AS GENERAL BRANCH CIRCUIT WIRING FROM JUNCTION BOX TO FIXTURE ONLY (SECURED AT 6'-0" MAXIMUM INTERVALS AND WITHIN 1'-0" FROM THE JUNCTION BOX) FOR CIRCUITS 20 AMPERES OR LESS AND CONCEALED IN WALLS OR ABOVE SUSPENDED CEILING AND AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- C. ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE LATEST EDITION OF THE N.E.C. AND LOCAL CODES.
- D. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE.
- E. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- F. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES, AND SHALL BE FULLY COORDINATED WITH THEM PRIOR TO COMMENCEMENT OF WORK.
- G. PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES, AND WIRING DEVICES, FOR ALL OUTLETS AS INDICATED.
- H. MATERIALS, PRODUCTS, AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SUCH AS APPEAR ON THE UL LIST OF APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF NEC, NEMA, AND IEEE.
- I. CONTRACTOR SHALL SUBMIT AT LEAST FIVE (5) SETS OF SHOP DRAWINGS OR CUT SHEETS OF SWITCHES, AND OTHER ELECTRICAL ITEMS FOR APPROVAL BY OWNER.
- J. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED OF THEIR WORK.
- K. ALL LAY-IN LIGHTING FIXTURES SHALL BE SECURED TO THE SUSPENDED CEILING GRID AT EACH CORNER.
- L. CONTRACTOR SHALL COORDINATE WITH MECHANICAL DRAWINGS AND PROVIDE ALL NECESSARY CONTROL WIRING.
- M. ALL ELECTRICAL POWER WIRING FOR THE HVAC SYSTEM INCLUDING WIRING THRU LINE VOLTAGE CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- N. CONDUCTORS FOR BRANCH CIRCUITS SHALL BE INCREASED FROM SIZES INDICATED ON EQUIPMENT SCHEDULES TO PREVENT VOLTAGE DROP EXCEEDING 3% AT THE FARTHEST DEVICE. LOADS FOR DETERMINING CONDUCTOR SIZE SHALL BE BASED ON ACTUAL CONNECTED LOAD OR 80% OF BREAKER SIZE, WHICHEVER IS GREATER. CONTACT ENGINEER OF RECORD FOR ALL RUNS IN EXCESS OF 100 FT. FOR DETERMINATION OF WIRE SIZE. FOR BID PURPOSES, INCREASE WIRE BY ONE (1) WIRE SIZE FOR RUNS 100 FT. TO 200 FT. AND TWO (2) WIRE SIZES FOR RUNS OVER 200 FT.
- O. THE CONTRACTOR SHALL CONFIRM WITH THE ELECTRICAL UTILITY COMPANY ANY AND ALL REQUIREMENTS SUCH AS: METERING EQUIPMENT REQUIREMENTS AND METERING EQUIPMENT LOCATION, TRANSFORMER SIZE AND LOCATION OR SERVICE POINT, CONDUIT ENTRY AND LUG SIZE RESTRICTIONS.
- P. THE CONTRACTOR SHALL SCHEDULE ALL REQUIRED DOWN TIME FOR THE OWNERS CONFIRMATION.
- Q. ANY CONFLICTS AND DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD BEFORE PROCEEDING WITH ANY WORK.

DESIGNER NOTE:
ADD NOTE TO SITE PLAN SHEET E-010
FOR SITE ADAPT

LIGHTING MANAGER CONTACTOR SCHEDULE				
MODEL #LM-60-SCB	CONTROL CHANNEL	PANEL	CKT #	LIGHTING CONTROLLED
CONTACTOR #1	1	B	32	TRAVEL CENTER STRIPE
	1	B	7	TRAVEL CENTER SIGN B
	1	B	5	TRAVEL CENTER SIGN A
	1	B	30	FUEL CANOPY STRIPE
CONTACTOR #2	1	B	18	FRONT ENTRY SIGN
	1	B	23	SIDE ENTRY SIGN
				SPACE
				SPACE
CONTACTOR #3				UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)
				UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)
	2	B	13,15	AREA LIGHTS
	2	B	9,11	AREA LIGHTS
CONTACTOR #4	2	B	10,12	AREA LIGHTS
	2	B	8	DECORATIVE POLE LIGHTS
	2	B	16	PATIO/ENTRY LTG
	2	B	14	FRONT/SIDE ENTRY TOWER LTG
CONTACTOR #5	2	B	28	TOWER BANNER LIGHTING
	2	B	25	FRONT ENTRY SIGN
				SPACE
				UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)
CONTACTOR #6	3	B	2,4	FUEL CANOPY LIGHTS
	3	B	1,3	FUEL CANOPY LIGHTS
	4	B	17	EXT BUILDING LIGHTS
	4	B	26	FRONT/SIDE ENTRY TOWER LTG
CONTACTOR #7				SPACE
				SPACE
				SPACE
				UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)
CONTACTOR #8	5	B	27	SITE DIRECTIONAL SIGN
	5	B	29	SITE DIRECTIONAL SIGN
				SPACE
				SPACE
CONTACTOR #9	6	B	20	PRICE SIGN
	6	B	22	PRICE SIGN
				SPACE
				SPACE
CONTACTOR #10				SPACE
				SPACE
				SPACE
				SPACE

DESIGNER NOTE:
CIRCUIT #, CONTACTOR #, AND DESCRIPTIONS ARE TO BE CONSISTANT FROM PROJECT TO PROJECT.

ONCE BROKEN FROM CENTRAL MODEL VERIFY.

DESIGNER NOTE:
CIRCUIT #, CONTACTOR #, AND DESCRIPTIONS ARE TO BE CONSISTANT FROM PROJECT TO PROJECT.

ONCE BROKEN FROM CENTRAL MODEL VERIFY.

REMOVE IMAGE ONCE VERIFIED.

- NOTE:
1. TOTAL NUMBER OF CONTACTORS 10.
2. EACH CONTACTOR HAS (4) POLES (L1,L2,L3,L4).

LIGHTING MANAGER CONTACTOR SCHEDULE				
MODEL #LM-60-SCB	CONTROL CHANNEL	PANEL	CKT #	LIGHTING CONTROLLED
CONTACTOR #1	1	B	32	FRONT ENTRY SIGN
	1	B	23	FRONT ENTRY SIGN
	1	B	32	TRAVEL CENTER STRIPE
	1	B	7	TRAVEL CENTER SIGN B
CONTACTOR #2	1	B	5	TRAVEL CENTER SIGN A
	1	B	30	FUEL CANOPY STRIPE
				SPACE
				UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)
CONTACTOR #3				UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)
	2	B	26	SIDE ENTRY SIGN
	2	B	13,15	AREA LIGHTS
	2	B	9,11	AREA LIGHTS
CONTACTOR #4	2	B	10,12	AREA LIGHTS
	2	B	8	DECORATIVE POLE LIGHTS
	2	B	16	PATIO/ENTRY LTG
	2	B	14	FRONT/SIDE ENTRY TOWER LTG
CONTACTOR #5	2	B	28	TOWER BANNER LIGHTING
				SPACE
				UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)
	3	B	2,4	FUEL CANOPY LIGHTS
CONTACTOR #6	3	B	1,3	FUEL CANOPY LIGHTS
	4	B	17	EXT BUILDING LIGHTS
	4	B	26	FRONT/SIDE ENTRY TOWER LTG
				SPACE
CONTACTOR #7				SPACE
				SPACE
				SPACE
				UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)
CONTACTOR #8	5	B	27	SITE DIRECTIONAL SIGN
	5	B	29	SITE DIRECTIONAL SIGN
				SPACE
				SPACE
CONTACTOR #9	6	B	20	PRICE SIGN
	6	B	22	PRICE SIGN
				SPACE
				SPACE
CONTACTOR #10				SPACE
				SPACE
				SPACE
				SPACE

APPLICABLE SPB(S): 22-0302

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DESIGN PROFESSIONALS

ISSUE/REVISION RECORD

DATE	DESCRIPTION
10/20/22	SPB NO. 0304

RaceTrac.

RACETRAC INC.
200 GALLERIA PARKWAY SOUTEAST
SUITE 400
ATLANTA, GEORGIA 30339
(770) 431-7600

PROJECT NAME

ANYTOWN,CITY

CITY
STATE 00000
ADDRESS

RACETRAC STORE NUMBER

#0000

PROTOTYPE SERIES 2022

2022 LH MO 0304

PLAN MODIFICATION NOTICE

SPB NO. 0304 DATE 10/20/22

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

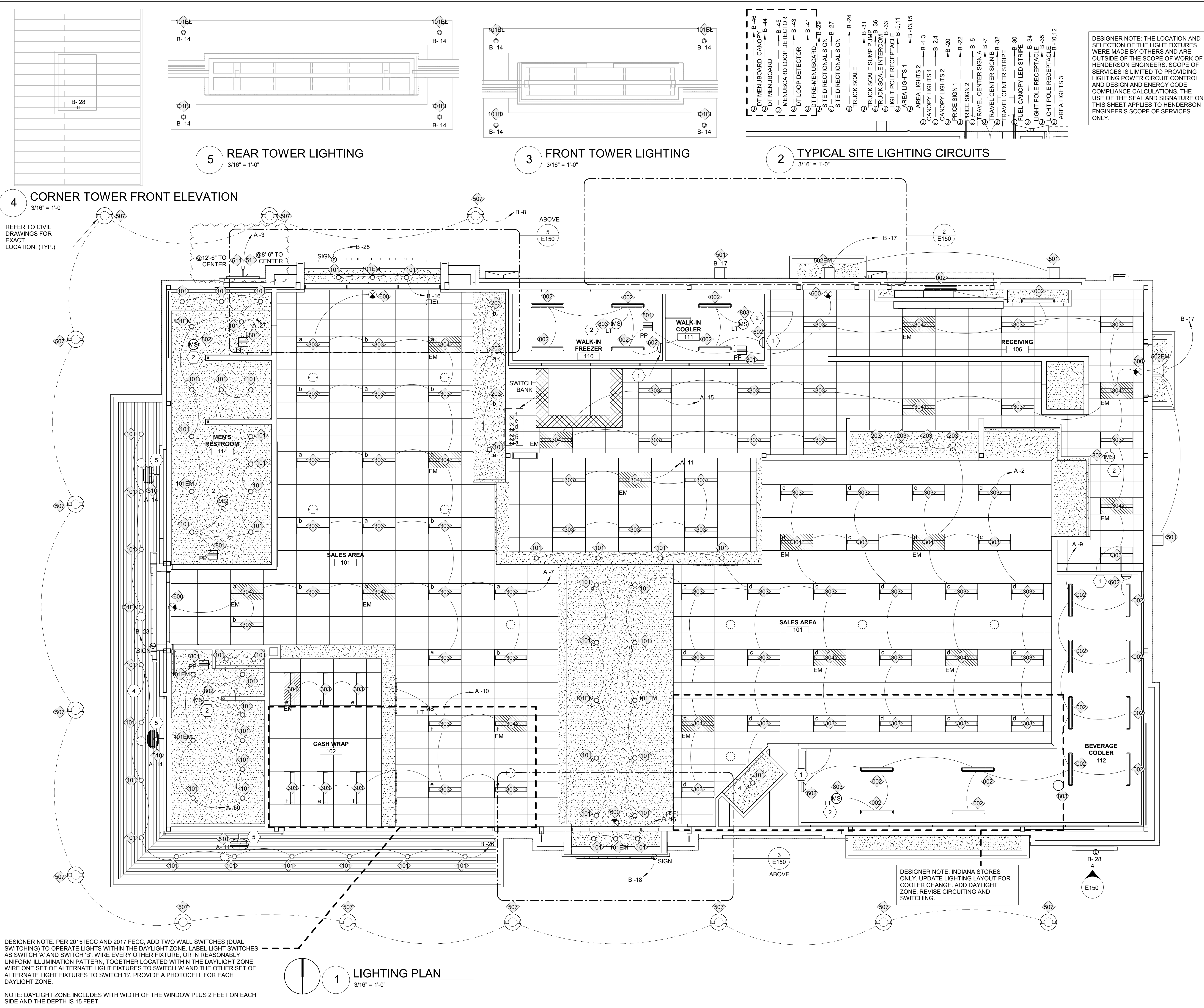
PROJECT NUMBER
XXXXXXX.XX

SHEET TITLE

**ELECTRICAL NOTES,
LEGENDS AND
LIGHT FIXTURE
SCHEDULE**

SHEET NUMBER

E001



DESIGNER NOTE: PER 2015 IECC AND 2017 FECC, ADD TWO WALL SWITCHES (DUAL SWITCHING) TO OPERATE LIGHTS WITHIN THE DAYLIGHT ZONE. LABEL LIGHT SWITCHES AS SWITCH 'A' AND SWITCH 'B'. WIRE EVERY OTHER FIXTURE, OR IN REASONABLY UNIFORM ILLUMINATION PATTERN, TOGETHER LOCATED WITHIN THE DAYLIGHT ZONE. WIRE ONE SET OF ALTERNATE LIGHT FIXTURES TO SWITCH 'A' AND THE OTHER SET OF ALTERNATE LIGHT FIXTURES TO SWITCH 'B'. PROVIDE A PHOTOCELL FOR EACH DAYLIGHT ZONE.

NOTE: DAYLIGHT ZONE INCLUDES WITH WIDTH OF THE WINDOW PLUS 2 FEET ON EACH SIDE AND THE DEPTH IS 15 FEET.

DESIGNER NOTE: THE LOCATION AND SELECTION OF THE LIGHT FIXTURES WERE MADE BY OTHERS AND ARE OUTSIDE OF THE SCOPE OF WORK OF HENDERSON ENGINEERS. SCOPE OF SERVICES IS LIMITED TO PROVIDING LIGHTING POWER CIRCUIT CONTROL AND DESIGN AND ENERGY CODE COMPLIANCE CALCULATIONS. THE USE OF THE SEAL AND SIGNATURE ON THIS SHEET APPLIES TO HENDERSON ENGINEER'S SCOPE OF SERVICES ONLY.

GENERAL NOTES

- ALL EXIT SIGNS AND/OR EMERGENCY LIGHTS SHALL BE CONNECTED AHEAD OF ANY LIGHT SWITCHES. DO NOT SWITCH EXIT SIGNS AND/OR EMERGENCY LIGHTS INDICATED WITH LETTERS 'EM'. AN UNSWITCHED HOT CONDUCTOR SHALL BE ROUTED DIRECTLY FROM THE PANELBOARD TO THE FIXTURE (BY-PASS ANY CONTRACTORS).
- SEE LIGHT FIXTURE SCHEDULE (E001) FOR FIXTURE INFORMATION.
- COORDINATE ALL BUILDING MOUNTED LIGHT FIXTURES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.

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DESIGN PROFESSIONALS

ISSUE/REVISION RECORD	
DATE	DESCRIPTION
10/20/22	SPB NO. 0304

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

PROJECT NAME
ANYTOWN,CITY

CITY
STATE 00000
ADDRESS

RACETRAC STORE NUMBER
#0000

PROTOTYPE SERIES 2022
2022 LH MO 0304

PLAN MODIFICATION NOTICE
SPB NO. 0304 DATE 10/20/22

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

PROJECT NUMBER
XXXXXXX.XX

SHEET TITLE
LIGHTING PLAN

SHEET NUMBER
E150

Branch Panel: A															
Location: BUILDING EXTERIOR Supply From: MDP2 Mounting: PRE-FABRICATED Enclosure: PRE-FABRICATED					Volts: 120/208 Wye Phases: 3 Wires: 4					A.I.C. Rating: 65,000 SERIES RATED Mains Type: MLO Mains Rating: 200 A MCB Rating: N/A					
Notes:															
Notes	CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT	Notes
GB	1	FUTURE EMS SYSTEM	20 A	1	400	1750					1	20 A	SALES FLR/COFFEE BAR LTG	2	L
	3	REAR BANNER LIGHTS	20 A	1			31	200			1	20 A	CIGARETTE DISPLAY #5016	4	
	5	EF-3 & EF-4	20 A	1					1056	2400	1	20 A	COMMERCIAL DISPLAY #5006	6	
L	7	CASH WRAP/SALES FLR LIGHTING	20 A	1	916	1280					1	20 A	ROOF TOP RECEPTACLES	8	
	9	LIGHTING ALC. BEVERAGE COOLER	20 A	1			438	430			1	20 A	CASHWRAP DAYLIGHTING	10	L
L	11	SALES FLR KITCHEN LIGHTING	20 A	1					258	200	1	20 A	INTERCOM CALL BOX #5024	12	
	13	HIGH TOP TABLE POWER	20 A	1	360	750					1	20 A	PATIO FANS	14	GB
	15	LTG FREEZER, COOLER, RECEIVING	20 A	1			1039	180			1	20 A	FLOOR CLNR RECEPT	16	
	17	FUTURE MARKETING SIGNAGE	20 A	1					360	1720	1	20 A	MEN/WOMEN RR PWR CONVERTERS	18	EM
GB	19	EXTERIOR RECEPTS SEATING AREA	20 A	1	720	1200					1	20 A	EXT ICE MERCHANDISER #5044	20	GB
GB	21	EXTERIOR RECEPTS SEATING AREA	20 A	1			720	720			1	20 A	EXTERIOR BUILDING RECEPTACLES	22	
GB	23	EXTERIOR RECEPTS SEATING AREA	20 A	1					720	0	1	20 A	GLASS DISPLAY 1 #0108	24	
	25	IPAD CHARGING STATION #5093	20 A	1	540	1200					1	20 A	EXT ICE MERCHANDISER #5044	26	GB
EM, L	27	MENS RESTROOM LIGHTS AND EFS	20 A	1			1626	1725			1	20 A	HAND DRYER #1003	28	
	29	AIR CURTAIN SIDE DOOR #5189	20 A	1					920	1725	1	20 A	HAND DRYER #1003	30	
	31	GAMING MACHINES #5163	20 A	1	828	400					1	20 A	INTERCOM CALL BOX #5024	32	
	33	MENS RR MIRRORS	20 A	1			1200	360			1	20 A	SEATING AREA RECEPTS	34	
EM	35	EXHAUST FAN KEF-1	20 A	1					1068	920	1	20 A	AIR CURTAIN FRONT DOOR #5189	36	
S	37	KITCHEN EXHAUST FAN SHUNT	20 A	1	0	920					1	20 A	AIR CURTAIN REAR DOOR #5189	38	
	39						4731	5764						40	
GB	41	#5216 FRYER	50 A	3					4731	5764	3	50 A	#5216 FRYER	42	GB
	43				4731	5764								44	
GB	45	HOT DISPLAY #5179	30 A	2			2054	0			1	20 A	GLASS DISPLAY 2 #0108	46	
	47								2054	540	1	20 A	INSECT CONTROL	48	GB
	49	AIR CURTAIN #5187	20 A	1	1560	380					1	20 A	WOMENS RESTROOM LGTS AND EFS	50	EM, L
	51	SPARE	20 A	1			0	600			1	20 A	WOMENS RR MIRRORS	52	
	53	SPARE	20 A	1					0	0	1	20 A	SPARE	54	
Total Load:					22778 VA		21818 VA		22671 VA						
Total Amps:					191 A		182 A		190 A						
Legend:															
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals						
HVAC			3475 VA		100.00%		3475 VA								
Lighting			5981 VA		125.00%		7476 VA		Total Conn. Load: 67231 VA						
Other			36823 VA		100.00%		36823 VA		Total Est. Demand: 67288 VA						
Power			8740 VA		100.00%		8740 VA		Total Conn.: 187 A						
Receptacle			9410 VA		100.00%		9410 VA		Total Est. Demand: 187 A						
Kitchen Equipment			4108 VA		65.00%		2670 VA								
Notes:															

Branch Panel: C

Location: RECEIVING 106

Supply From: D

Mounting: PRE-FABRICATED

Enclosure: PRE-FABRICATED

Volts: 120/240 1PH

Phases: 1

Wires: 3

A.I.C. Rating: 65,000 SERIES RATED

Mains Type: MCB

Mains Rating: 30 A

MCB Rating: 30A

Notes:

Notes	CKT	Circuit Description	Trip	Poles	A		B		Poles	Trip	Circuit Description	CKT	Notes
EM	1	BILL SAFE #5007	20 A	1	360	360			1	20 A	LOTTO RECEPTACLE	2	
EM	3	RECEPTACLES/INTERCOM #5002	20 A	1			470	800	1	20 A	CAT SCALE FUEL DESK #5219	4	EM
EM	5	COMPUTER SYSTEM #5003	20 A	1	360	600			1	20 A	CASH WRAP RECEPTACLES	6	EM
	7	SPARE	20 A	1			0	200	1	20 A	DATA RACK	8	EM,IG
EM	9	MONEY ORDER MACHINE #5099	20 A	1	300	0			1	20 A	SPARE	10	
	11	SPARE	20 A	1			0	720	1	20 A	DATA CLOSET RECEPTACLE	12	EM
EM,IG	13	GILBARCO CONSOLE RECEPTACLE	20 A	1	360	360			1	20 A	SITE CAMERA FIBER OPTICS 2	14	EM
EM	15	SITE CAMERA FIBER OPTICS 1	20 A	1			720	100	1	20 A	FAX/PRINTER #5004	16	EM
EM	17	COIN SAFE #5001	20 A	1	360	0			1	20 A	SPARE	18	
--	19	SPACE	--	1			--	--	1	--	SPACE	20	--
--	21	SPACE	--	1	--	--			1	--	SPACE	22	--
--	23	SPACE	--	1			--	--	1	--	SPACE	24	--
--	25	SPACE	--	1	--	--			1	--	SPACE	26	--
--	27	SPACE	--	1			--	0				28	
--	29	SPACE	--	1	--	0			2	30 A	MAIN BREAKER	30	
Total Load:					3060 VA		3010 VA						
Total Amps:					29 A		29 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	1280 VA	100.00%	1280 VA	
Power	200 VA	100.00%	200 VA	Total Conn. Load: 6070 VA
Receptacle	4590 VA	100.00%	4590 VA	Total Est. Demand: 6070 VA
				Total Conn.: 29 A
				Total Est. Demand: 29 A

Notes:

Branch Panel: B																
Location: BUILDING EXTERIOR Supply From: MDP Mounting: PRE-FABRICATED Enclosure: PRE-FABRICATED					Volts: 120/208 Wye Phases: 3 Wires: 4					A.I.C. Rating: 65,000 SERIES RATED Mains Type: MLO Mains Rating: 200 A MCB Rating: N/A						
Notes:																
Notes	CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT	Notes	
EM,***	1	TRAVEL CENTER CANOPY LIGHTS	20 A	2	1500	1500					2	20 A	FUEL CANOPY LIGHTS	2	EM,***	
	3															4
***	5				TRAVEL CENTER CANOPY SIGN A	20 A	1							800		360
***	7	TRAVEL CENTER CANOPY SIGN B	20 A	1	800	702					1	20 A	DECORATIVE POLE LIGHTS	8	***	
EM,***	9	AREA LIGHTS 1	20 A	2			1500	1500			2	20 A	AREA LIGHTS 3	10	EM,***	
	11								1500	1500						
EM,***	13	AREA LIGHTS 2	20 A	2	1500	304					1	20 A	TOWER LIGHTING	14	***	
	15						1500	228						213		1000
EM,***	17	EXTERIOR BUILDING MTD LIGHTS	20 A	1					213	1000	1	20 A	FRONT ENTRY CANOPY LOGO	18	***	
EM	19	HYDROPOINT PANEL	20 A	1	200	1000					1	20 A	PRICE/MONUMENT SIGN 1	20	***	
GB	21	OWS ALARM	20 A	1			360	1000			1	20 A	PRICE/MONUMENT SIGN 1	22	***	
***	23	REAR CANOPY LOGO	20 A	1					1000	360	1	20 A	TRUCK SCALE	24		
***	25	PATIO CANOPY LOGO	20 A	1	1000	532					1	20 A	SEATING AREA CAN LIGHTS	26	***	
***	27	SITE DIRECTIONAL SIGNS	20 A	1			180	125			1	20 A	TOWER BANNER LIGHTING	28	***	
***	29	SITE DIRECTIONAL SIGNS	20 A	1					540	800	1	20 A	FUEL CANOPY STRIPE	30	***	
EM	31	TRUCK SCALE SUMP PUMP POWER	20 A	1	1404	800					1	20 A	FUEL CANOPY LED LOGO	32	***	
	33	LIGHT POLE RECEPTS	20 A	1			900	900			1	20 A	LIGHT POLE RECEPTS	34		
	35	LIGHT POLE RECEPTS	20 A	1					900	200	1	20 A	TRUCK SCALE INTERCOM	36		
	37	SPARE	20 A	1	0	4731								38		
	39	SPARE	20 A	1			0	4731						40	GB	
	41	DT PRE-MENU BOARD	20 A	1					552	4731				42		
	43	DT LOOP DETECTOR	20 A	1	125	552					1	20 A	DT MENU BOARD	44		
	45	MENUBOARD LOOP DETECTOR	20 A	1			125	552			1	20 A	DT MENU BOARD CANOPY	46		
	47								4731	--	1	--	SPACE	48	--	
GB	49	#5216 FRYER	50 A	3	4731	--					1	--	SPACE	50	--	
	51						4731	0			1	20 A	MAIN SHUNT TRIP	52	L	
--	53	SPACE	--	1					--	0	1	15 A	IPACS LIGHTING CONTROLS	54	L	
Total Load:					21382 VA		21333 VA		19188 VA							
Total Amps:					181 A		181 A		160 A							
Legend:																
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals							
Lighting			32594 VA		125.00%		40743 VA									
Other			28388 VA		100.00%		28388 VA		Total Conn. Load: 61902 VA							
Power			200 VA		100.00%		200 VA		Total Est. Demand: 70051 VA							
Receptacle			720 VA		100.00%		720 VA		Total Conn.: 172 A							
									Total Est. Demand: 194 A							
Notes: (*) CIRCUITS SHALL BE HANDLE TIED TOGETHER																