NATIONAL ACCOUNT VENDOR LIST

	PRODUCT		VENDOR	CONTACT	PHONE	ADDRESS	COMMENTS
1	WALK-IN COOLER AND...		REDICO INC	JANNA WILSON JANNA@REDICOINC.COM	M: (678) 998-1222	1850 SOUTH LEE COURT BUFORD, GA 30518	
2	BRICK		GENERAL SHALE	JAKE BRADFORD JAKE.BRADFORD@MERIDIANBRICK.COM	M: (404) 694-8538		
3	FINISH HARDWARE		LOCKNET	JEFF KIRKNER	O: (800) 887-4307 EXTENSION: 131	100 COURCHELLE DR. NICHOLASVILLE, KY 40356	
4	CERAMIC TILE AND BASE		DALTILE	TERRIE MILLER	M: (877) 556-5728 M: (214) 309-3408	RACETRAC@DALTILE.COM	
5	LIGHTING PACKAGE		CED	SHAWN CAMPBELL SHAWN CAMPBELL@CED.COM	O: (817) 923-1983 M: (678) 215-3065	3209 ALTA MERE DRIVE FORT WORTH, TX 7616	
6	ELECTRICAL PANELS		SQUARE D	HUNTER NASH	M: (980) 234-5760	105 SUMMIT PARK DRIVE SALISBURY, NC 28146	
7	HVAC SYSTEM		CARRIER	KEN REVILLA KEN.REVILLA@CARRIER.COM	M: (954) 218-0070		
8	CEILING TILE		ARMSTRONG CEILING SOLUTIONS	CHERYL B. SMITH CBSMITH@ARMSTRONGCEILINGS.COM	M: (252) 214-4426	2500 COLUMBIA AVENUE LANCASTER, PA 17603	
9	ACM - GA, FL, TN, IN, SC, AL & KY		MADISON INDUSTRIES, INC	MARK GLADDEN MGLADDEN@MADISONIND.COM	O: (770) 483-4401 M: (770) 826-4694	1035 IRIS DRIVE, SE CONYERS, GA 30094	
10	ACM - LA & DFW		LANE SUPPLY, INC	DON LINDSEY DONLINDSEY@PRODIGY.NET	M: (817) 917-1517	120 FAIRVIEW ARLINGTON, TX 76010	
11	PAINT		SHERWIN WILLIAMS	DWIGHT LECLAIR DCLECLAIR@SHERWIN.COM	M: (678) 361-6108	2800 CENTURY PARKWAY NE, SUITE 1000 ATLANTA, GA 30345	
12	ROLL-UP DOORS		CORNELL	SCOTT DODGSON SDODGSON@CLOPAY.COM	M: (800) 233-8366	24 ELMWOOD AVE MOUNTAINTOP, PA 18707	

***ALL TILE ORDERS MUST BE PLACED THROUGH THE NATIONAL ACCOUNT CONTACT INFORMATION NOTED HERE (360 PROGRAM)**

SHOP DRAWING REQUIREMENT: ALL SHOP DRAWINGS ARE REQUIRED: STOREFRONT; A.C.M.; AND MASONRY; H.V.A.C.; STRUCTURAL (SEE S000 FOR REQUIREMENTS)

NOTES:
- PROVIDE 48 HOUR NOTIFICATION TO VENDOR FOR INSPECTIONS.
- NATIONAL PRICING CONTRACTS ARE IN PLACE WITH ALL OF THE VENDORS INDICATED ABOVE.
- COORDINATE PRODUCT LEAD TIMES WITH VENDOR.
- WHERE PRODUCTS ARE NOT INDICATED ON THE NATIONAL ACCOUNT VENDOR LIST OR THE PREFERRED VENDOR LIST AND SPECIFIED ONLY BY REFERENCED STANDARDS, THE CONTRACTOR SHALL INSTALL ANY PRODUCT MANUFACTURER MEETING STANDARDS.
- WHERE PRODUCTS ARE INDICATED ON THE NATIONAL ACCOUNT VENDOR LIST OR PREFERRED VENDOR LIST AND ONLY ONE MANUF. IS SHOWN, THE CONTRACTOR CAN USE ONLY THE MANUFACTURER LISTED. ALTERNATES TO THOSE LISTED ARE NOT ACCEPTABLE.

PROJECT TEAM

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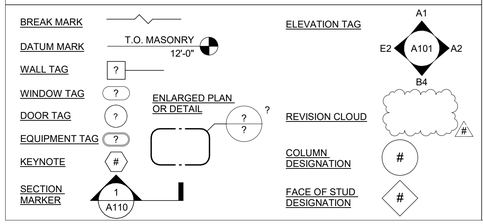
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SITE MAP



SYMBOL LEGEND



PROJECT INFORMATION

APPLICABLE CODE: 2018 INTERNATIONAL BUILDING CODE W/ GEORGIA AMENDMENTS
2018 INTERNATIONAL MECHANICAL CODE W/ GEORGIA AMENDMENTS
2018 INTERNATIONAL PLUMBING CODE W/ GEORGIA AMENDMENTS
2017 NATIONAL ELECTRICAL CODE
2018 INTERNATION FIRE PREVENTION CODE W/ GEORGIA AMENDMENTS
2015 INTERNATIONAL ENERGY CONSERVATION CODE W/ 2011 & 2012 GEORGIA AMENDMENTS
GEORGIA ACCESSIBILITY CODE
2018 NFPA 101

CONSTRUCTION TYPE: V - B (UNSPRINKLERED)

OCCUPANCY: M (RACEWAY)

	ALLOWED	PROVIDED
BUILDING AREA:	9,000 SF (PER TABLE 506.2)	3,705 SF (BUILDING ENVELOPE)

NUMBER OF STORIES: 1

WIND CRITERIA:

ULTIMATE WIND SPEED, Vult (3 SEC. GUST) = 115 MPH

NOMINAL WIND SPEED, Vasd (3 SEC. GUST) = 90 MPH

OCCUPANT LOAD:
MERCANTILE

GRADE FLOOR AREAS	1 PER 30 GSF	
STOCK/SHIPPING	1 PER 300 GSF	
OFFICE AREAS	1 PER 100 GSF	

BUILDING AREAS/OCCUPANCY LOADS :
TOTAL GROSS AREA: 3,680 SF

CUSTOMER/RETAIL AREA:	2,051 GSF / 30 SF =	69 PERSONS
BACK OF HOUSE/ EMPLOYEE WORK AREA:	1,376 GSF / 300 SF =	5 PERSONS
CASH WRAP	278 GSF / 100 SF =	3 PERSONS
TOTAL		77 PERSONS

PLUMBING

REQUIRED

WC MALE	WC FEMALE	LAV MALE	LAV FEMALE
1	1	1	1

PROVIDED

WC MALE	WC FEMALE	LAV MALE	LAV FEMALE
4	2	2	2

NOTE: A BEVERAGE FOUNTAIN WITH DRINKING WATER OFFERING IS USED TO SATISFY THE DRINKING FOUNTAIN REQUIREMENT.

APPLICABLE SPB(s): 2022.0206

(ALL SHEETS)

HWY 84 & GA HWY 3 EDO
THOMASVILLE, GA 31792
RACEWAY #1581



INDEX OF DRAWINGS

SHEET NUMBER	TITLE	2022.09.27 | PERMIT ISSUE	2023.02.07 | REFRESHTO2022.0211
A000	COVER SHEET		
A001	ACCESSIBILITY DETAILS		
A002	ACCESSIBILITY PLAN		
A003	LIFE SAFETY PLAN		
A005	GENERAL REQUIREMENTS		
A010	DUMPSTER ENCLOSURE PLAN		
A011	DUMPSTER ENCLOSURE DETAILS		
A100	EXTERIOR SIDEWALK PLAN & DETAILS		
A110	FLOOR REFERENCE PLAN		
A111	PARTITION TYPES		
A120	FLOOR DIMENSION PLAN		
A123	RESTROOM ENLARGED PLAN		
A130	FLOOR FINISH PLAN		
A140	FLOOR FIXTURE AND EQUIPMENT PLAN		
A141	EQUIPMENT SCHEDULE		
A150	REFLECTED CEILING PLAN AND DETAILS		
A152	INTERIOR CEILING DETAILS		
A160	ENLARGED CASH WRAP AND DETAILS		
A200	ROOF PLAN		
A201	ROOF DETAILS		
A300	EXTERIOR ELEVATIONS		
A410	WALL SECTIONS		
A411	WALL SECTIONS		
A420	WALL SECTIONS		
A430	DETAILS		
A431	DETAILS		
A432	DETAILS		
A500	ROOM FINISH AND MATERIAL SCHEDULES		
A501	INTERIOR ELEVATIONS		
A510	RESTROOM ELEVATIONS		
A600	WINDOW ELEVATIONS AND DETAILS		
A700	DOOR HARDWARE AND SCHEDULE		
A701	DOOR DETAILS		
C100	FUEL CANOPY PLANS AND ELEVATIONS		
C200	EDO FUEL CANOPY PLANS AND ELEVATIONS		

SHEET NUMBER	TITLE	2022.09.27 | PERMIT ISSUE	2023.02.07 | REFRESHTO2022.0211
S000	GENERAL STRUCTURAL NOTES		
S001	GENERAL STRUCTURAL NOTES		
S002	SPECIAL INSPECTIONS AND NOTES		
S010	ENCLOSURE FOUNDATION PLAN AND DETAILS		
S120	FOUNDATION PLAN		
S200	ROOF FRAMING PLAN		
S430	TYPICAL DETAILS		
S431	FOUNDATION SECTIONS AND DETAILS		
S432	TYPICAL STEEL DETAILS		
S433	FRAMING SECTIONS AND DETAILS		
S434	FRAMING ELEVATIONS AND DETAILS		
M001	MECHANICAL NOTES AND LEGENDS		
M002	MECHANICAL EQUIPMENT SCHEDULES		
M120	MECHANICAL PLAN		
M200	MECHANICAL ROOF PLAN		
M430	MECHANICAL DETAILS		
M431	MECHANICAL DETAILS		
P001	PLUMBING NOTES AND LEGENDS		
P002	PLUMBING EQUIPMENT SCHEDULE		
P100	PLUMBING ROUGH-IN PLAN		
P110	SANITARY PLAN		
P120	DOMESTIC WATER PLAN		
P410	PLUMBING ISOMETRICS		
P430	PLUMBING DETAILS		
P431	PLUMBING DETAILS		
SP-1	SITE PHOTOMETRY PLAN		
E001	ELECTRICAL NOTES, LEGENDS, AND LIGHT FIXTURE SCHEDULE		
E002	ELECTRICAL EQUIPMENT SCHEDULE		
E010	ELECTRICAL SITE PLAN		
E100	ELECTRICAL ROUGH-IN PLAN		
E110	POWER PLAN		
E111	ENLARGED POWER PLANS		
E120	LOW VOLTAGE PLAN		
E150	LIGHTING PLAN		
E200	ROOF POWER PLANS		
E410	ELECTRICAL RISER DIAGRAM		
E430	ELECTRICAL PANEL SCHEDULES		
E431	ELECTRICAL PANEL SCHEDULES		
E500	CONTROL DIAGRAMS		
E501	CONTROL DIAGRAMS		
E502	CONTROL DIAGRAMS		
E600	ELECTRICAL DETAILS		
E601	ELECTRICAL DETAILS		

RACEWAY
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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME
HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

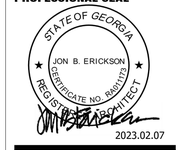
RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE
COVER SHEET

SHEET NUMBER
A000

ISSUED FOR CONSTRUCTION

1 ACCESSIBLE ROUTE:

A. AN ACCESSIBLE ROUTE SHALL BE PROVIDED FROM PUBLIC STREETS, SIDEWALKS AND PUBLIC TRANSPORTATION STOPS TO THE ACCESSIBLE ENTRANCE.

2 WALKS AND SIDEWALKS:

A. WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/4 INCH (PER 303 OF ADA 2010) AND SHALL BE A MINIMUM OF 3 FEET IN WIDTH.
B. WALKING SURFACE SLOPE SHALL NOT EXCEED 1:20. CROSS SLOPES SHALL NOT EXCEED 1:48 (PER 403.3 OF ADA 2010).
C. WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATING WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL NOT ALLOW PASSAGE OF A 1/2 INCH SPHERE.
D. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1 VERTICAL TO 20 HORIZONTAL IT SHALL COMPLY WITH THE PROVISIONS FOR PEDESTRIAN RAMPS.
E. VERTICAL CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/4 INCH. WHEN UP TO 1/2 INCH CHANGES IN LEVEL OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. WHEN CHANGES IN LEVEL GREATER THAN 1/2 INCH ARE NECESSARY THEY SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS (PER 405 AND 406 OF ADA 2010).
F. WALKS SHALL BE PROVIDED WITH A LEVEL AREA CONSISTENT WITH MANEUVERING CLEARANCES AT MANUAL SWING DOORS AND GATES (PER 404.2.4.1 OF ADA 2010).
G. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS OF LEAST 5 FEET IN LENGTH AT INTERVALS OF AT LEAST EVERY 200 FEET (PER 403.5.3 OF ADA 2010).

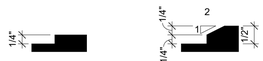


FIG. 303.2

FIG. 303.3

3 CURB RAMPS:

A. CURB RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1:12 WITH A MAXIMUM CROSS SLOPE OF 1:48. THE CLEAR WIDTH SHALL BE A MINIMUM OF 36 INCHES WIDE. THE FLARED SIDE SHALL HAVE A MAXIMUM SLOPE OF 1:10.
B. THE MINIMUM LANDING AT THE TOP OF A CURB RAMPS SHALL BE 36 INCHES WIDE (PER FIGURE 406.4 OF ADA 2010).

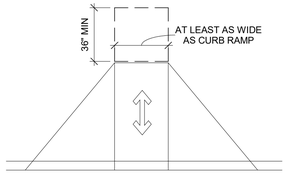
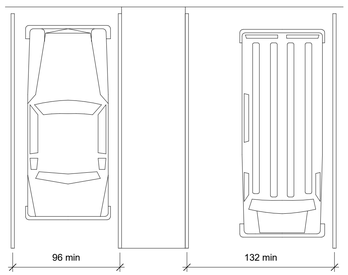


FIG 406.7

4 ACCESSIBLE PARKING:

A. ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE FROM PARKING TO AN ACCESSIBLE ENTRANCE.
B. ACCESSIBLE PARKING SPACES SHALL HAVE A MINIMUM WIDTH OF 96 INCHES FOR CAR AND 132 FOR VAN (PER 502.2 ADA 2010).
C. 60 INCH WIDE ACCESS AISLES SHALL BE PROVIDED. TWO PARKING SPACES SHALL BE PERMITTED TO SHARE A COMMON ACCESS AISLE. ACCESS AISLES SLOPES SHALL NOT EXCEED 1:48 IN ANY DIRECTION.
D. WHERE PARKING RESULTS IN VEHICLES OVER HANGING INTO WALKWAYS, SIDEWALKS OR OTHER ACCESSIBLE ROUTES, THE OVERHANG SHALL NOT ENCROACH ON THE REQUIRED CLEAR WIDTH OF THE TRAVEL PATH.
E. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL BE MEASURED TO THE CENTERLINE OF THE PARKING STRIPE DESIGNATING THE SPACE. ACCESS PARKING SPACES SHALL BE OUTLINED IN BLUE PAINT; THE OUTLINED BLUE PAINT SHALL BE MARKED INSIDE THE SPACES' STRIPING FOR ITS SIZE.
F. ACCESSIBLE PARKING SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL FOR ACCESSIBILITY (ISA) COMPLYING WITH 703.7.2.1 OF ADA 2010). SIGNS SHALL BE MOUNTED 60 INCHES MINIMUM ABOVE THE GROUND OR FLOOR SURFACE MEASURED TO THE BOTTOM OF THE SIGN (PER 502.6 OF ADA 2010).
G. A SIGN INDICATING THE PENALTY FOR ILLEGAL USE SHALL BE POSTED BELOW THE ACCESSIBILITY PARKING SIGN.



(a) car (b) van
FIG 502.2

5 RAMPS:

A. ANY PATH OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN 1:20 (1:12 MAXIMUM FOR RAMPS).
B. RAMPS WITH A VERTICAL RISE GREATER THAN 6 INCHES SHALL HAVE HANDRAILS ON BOTH SIDES.
C. THE TOP LANDINGS ON A RAMP MUST BE AT LEAST 60 INCHES IN DEPTH.
D. IF A DOOR SWINGS ONTO A TOP LANDING, THE MINIMUM LANDING DIMENSIONS SHALL MEET THE MANEUVERING CLEARANCES AT MANUAL SWING DOORS AND GATES (PER FIGURE 404.2.4.1 OF ADA 2010).
E. THE BOTTOM LANDING SHALL BE NOT LESS THAN 72 INCHES DEEP.
F. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT TURNS AND WHENEVER THE CHANGE IN LEVEL EXCEEDS 30 INCHES.
G. INTERMEDIATE LANDINGS ON STRAIGHT RAMPS SHALL HAVE A DEPTH OF NOT LESS THAN 60 INCHES. INTERMEDIATE LANDINGS ON RAMPS THAT TURN GREATER THAN 30 DEGREES SHALL NOT BE LESS THAN 72 INCHES IN DEPTH.
H. RAMPS SHALL NOT BE LESS THAN 36 INCHES WIDE.
I. HANDRAILS SHALL BE PLACED ON EACH SIDE OF EACH RAMP AND SHALL BE CONTINUOUS THE FULL LENGTH OF THE RAMP. HANDRAILS SHALL BE 34 TO 38 INCHES ABOVE THE RAMP SURFACE AND EXTEND A MINIMUM OF 1 FOOT BEYOND THE TOP AND BOTTOM OF THE RAMP.
1. HANDRAILS SHALL PROVIDE EDGE PROTECTION FOR RAMPS:
   a. RAMPS SHALL HAVE EDGE PROTECTION (PER 405.9 OF ADA 2010) ON EACH SIDE OF RAMP RUN AND EACH SIDE OF RAMP.
      i. 405.9.1 THE FLOOR OR GROUND SURFACE SHALL EXTEND 12 INCHES BEYOND THE INSIDE FACE OF THE HANDRAIL.
      ii. 405.9.2 A CURB OR BARRIER SHALL BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4 INCH DIAMETER SPHERE WHERE ANY PORTION OF THE SPHERE IS WITHIN 4 INCHES OF THE FINISHED FLOOR OR GROUND.

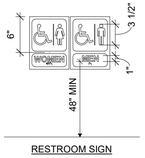
J. SURFACES OF RAMPS SHALL BE SLIP-RESISTANT.

6 SIGNS:

A. SIGNS SHALL COMPLY WITH 703 OF ADA 2010.
B. WHEN SIGNS IDENTIFY PERMANENT ROOMS AND SPACES OF A BUILDING OR SITE, THEY SHALL COMPLY WITH SECTIONS BELOW.
C. WHEN SIGNS IDENTIFY, DIRECT OR GIVE INFORMATION ABOUT ACCESSIBLE ELEMENTS AND FEATURES, THEY SHALL COMPLY WITH SECTIONS 1 THRU 6.
   1. FINISH AND CONTRAST: CHARACTERS, SYMBOLS, PICTOGRAMS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS, SYMBOLS AND PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD, EITHER LIGHT ON DARK BACKGROUND OR DARK ON LIGHT BACKGROUND.
   2. PROPORTIONS: CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I".
   3. RAISED CHARACTERS AND PICTORIAL SYMBOL SIGNS:
      a. CHARACTER TYP: CHARACTER ON SIGNS SHALL BE RAISED 1/32 INCH (0.794mm) MINIMUM AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. (SEE ITEM 4 BELOW.)
      b. CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8 INCH (15.9mm) AND A MAXIMUM OF 2 INCHES (51mm) HIGH.
      c. PICTORIAL SYMBOL SIGNS (PICTOGRAMS): THE OUTSIDE DIMENSION OF THE PICTOGRAM FIELD SHALL BE A MINIMUM OF 6 INCHES (152mm) IN HEIGHT.
      d. TEXT DESCRIPTORS: PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD. TEXT DESCRIPTORS SHALL COMPLY WITH 703.2, 703.3 AND 703.4 OF ADA 2010.
      e. CHARACTER PLACEMENT: CHARACTERS AND BRAILLE SHALL BE IN HORIZONTAL FORMAT. BRAILLE SHALL BE PLACED A MINIMUM OF 3/8 INCH DIRECTLY BELOW THE TACTILE CHARACTERS; FLUSH LEFT OR CENTERED. WHEN TACTILE TEXT IS MULTI-LINED, ALL BRAILLE SHALL BE PLACED TOGETHER BELOW ALL LINES OF TACTILE TEXT.
      f. SYMBOLS OF ACCESSIBILITY: SYMBOLS OF ACCESSIBILITY SHALL COMPLY WITH 703.7 ADA 2010
   4. BRAILLE: CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE .09-.1 INCH IN EACH CELL WITH .241-.3 INCH SPACE BETWEEN CELLS, MEASURED CENTER TO CENTER FROM THE FIRST COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED .025-.037 INCHES ABOVE THE BACKGROUND. BRAILLE DOTS SHALL BE DOMED OR ROUNDED. (PER 703.3.1 OF ADA 2010).
   5. MOUNTING LOCATION AND HEIGHT: WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. TACTILE CHARACTERS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISHED FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER (PER 703.4.1 ADA 2010).
   6. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE 18 INCH MIN. X 18 INCH MIN. CENTERED ON THE TACTILE LETTERS IS PROVIDED BEYOND THE ARC OF THE DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREES OPEN POSITION (PER 703.4.2 ADA 2010).


INTERNATIONAL SYMBOL OF ACCESSIBILITY; PROFILE IS WHITE ON BLUE BACKGROUND


DIRECTIONAL ARROW WHERE NEEDED TO PROVIDE DIRECTION OF ACCESSIBLE PATH



RESTROOM SIGN

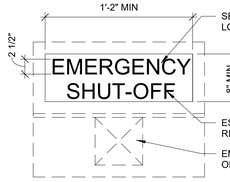
D. EACH GRADE LEVEL EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT WITH THE WORD "EXIT."
E. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE: 1) "EXIT STAIRS DOWN" 2) "EXIT RAMP UP" 3) "EXIT STAIR UP" 4) "EXIT RAMP UP."
F. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE."
G EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE."
H. EACH EXIT DOOR THROUGH A HORIZONTAL EXIT SHALL BE IDENTIFIED BY A SIGN WITH THE WORDS "TO EXIT."



CORRESPONDING TYPE II BRAILLE





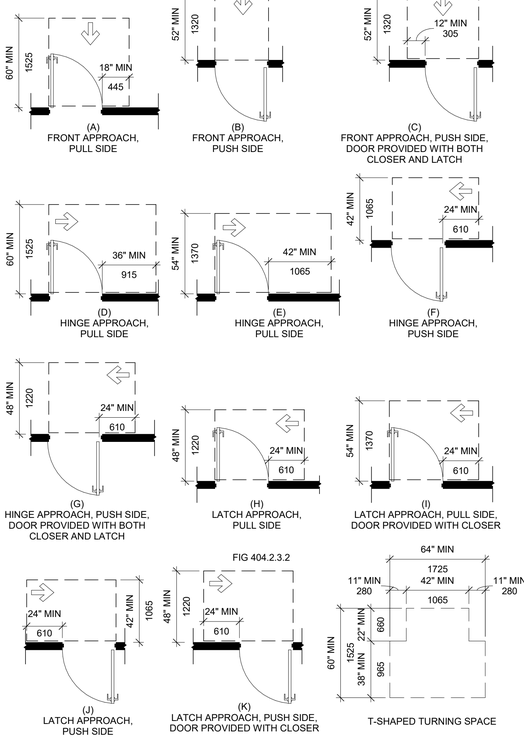


NOTES:
1. EMERGENCY SHUT OFF SWITCH (ESOS) AND SIGN TO BE PERMANENTLY AFFIXED TO THE BUILDING STRUCTURE.
2. SIGN SHALL BE CONTRASTING COLOR.
3. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. PROVIDE SIGN PER LOCAL JURISDICTIONAL REQUIREMENTS.
5. TOP OF SIGN TO BE MOUNTED AT 48"A.F.F.

A EMERGENCY SHUT OFF SWITCH SIGN
1" = 1'-0"

7 DOORS:

A. LATCHES AND LOCKSETS: PROVIDE LEVER TYPE, PUSH-PULL OR PANIC TYPE HARDWARE 34 INCHES TO 48 INCHES ABOVE FLOOR.
B. MAXIMUM FORCE TO OPERATE INTERIOR / NON-FIRE RATED DOORS SHALL BE 5 LBS PRESSURE. COORDINATE FIRE DOORS OPENING FORCE WITH LOCAL CODES.
C. THRESHOLDS: THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2 INCH LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 (PER FIGURE 303.3 OF ADA 2010).
D. LEVEL FLOOR LANDING: THERE SHALL BE A LEVEL SURFACE NOT STEEPER THAN 1:48 AND CLEAR AREA ON EACH SIDE OF AN EXIT DOOR. THE LEVEL AREA SHALL BE AS SHOWN IN FIGURE 404.2.4.1 OF ADA 2010. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENING (VESTIBULE) SHALL PROVIDE 48 INCHES OF CLEAR SPACE FROM ANY OPENED DOOR INTO SUCH SPACE.
E. DOOR WIDTH AND HEIGHT: 3 FEET WIDE AND 6 FEET 8 INCHES HIGH. CLEAR WIDTH: 32 INCHES MINIMUM WITH DOOR OPEN 90 DEGREES MEASURED FROM THE FACE OF THE DOOR TO THE OPPOSITE STOP. THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.

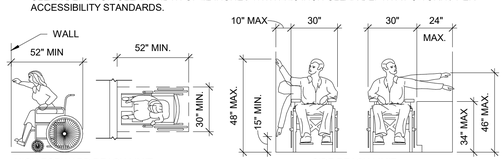


(A) FRONT APPROACH, PULL SIDE
(B) FRONT APPROACH, PUSH SIDE
(C) FRONT APPROACH, PUSH SIDE, DOOR PROVIDED WITH BOTH CLOSER AND LATCH
(D) HINGE APPROACH, PULL SIDE
(E) HINGE APPROACH, PULL SIDE
(F) HINGE APPROACH, PUSH SIDE
(G) HINGE APPROACH, PUSH SIDE, DOOR PROVIDED WITH BOTH CLOSER AND LATCH
(H) LATCH APPROACH, PULL SIDE
(I) LATCH APPROACH, PULL SIDE, DOOR PROVIDED WITH CLOSER
(J) LATCH APPROACH, PUSH SIDE
(K) LATCH APPROACH, PUSH SIDE, DOOR PROVIDED WITH CLOSER
T-SHAPED TURNING SPACE

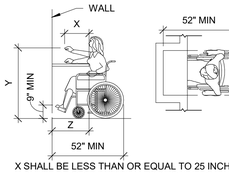
FIG 404.2.3.2

8 SALES/SELF SERVICE AREAS:

A. FOOD SERVICE AREAS SHOULD BE INSTALLED TO ALLOW AT LEAST 50% OF THE SELF SERVICE SHELVES TO BE WITHIN THE REACH RANGES OF 15 INCH LOW AND 48 INCH HIGH PER ADA 2010STANDARDS, SECTIONS 308 & 904.5.1.
B. ALL ACCESSIBLE ROUTES SHALL HAVE A MINIMUM CLEAR WIDTH OF 36 INCHES WITH A 60 INCH CLEAR DEPTH OR CLEAR WIDTH OF 42 INCHES WITH A 48 INCH CLEAR DEPTH AT U-TURNS PER ACCESSIBILITY STANDARDS.



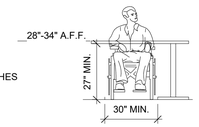
HIGH FORWARD REACH LIMIT
SIDE REACH LIMIT



X SHALL BE LESS THAN OR EQUAL TO 25 INCHES.
Z SHALL BE GREATER THAN OR EQUAL TO X.
WHEN X IS LESS THAN 20 INCHES, THEN Y SHALL BE 48" INCHES MAXIMUM.
WHEN X IS 20 TO 25 INCHES, THEN Y SHALL BE 44 INCHES MAXIMUM.
MAXIMUM FORWARD REACH OVER AN OBSTRUCTION.

TOTAL SEATS	ACCESSIBLE SEATS
1-20	1
21-40	2
41-60	3
61-80	4

NUMBER OF ACCESSIBLE SEATS



ELEVATION

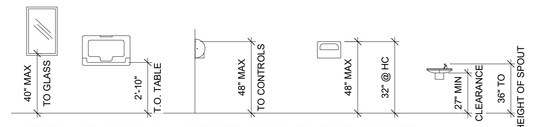
9 PROTRUDING OBJECTS:

A. PROJECTIONS FROM WALLS WITH LEADING EDGE BETWEEN 27 INCHES AND 80 INCHES ABOVE FLOOR MAY PROJECT 4 INCHES MAXIMUM. LEADING EDGE AT OR BELOW 27 INCHES MAY PROJECT ANY AMOUNT. FREE STANDING OBJECTS MOUNTED ON POSTS OR PYLONS SHALL OVERHANG CIRCULATION PATHS 2 INCHES MAX. WHEN LOCATED 27 INCHES MIN AND 80 INCHES MAXIMUM ABOVE THE FLOOR OR GROUND SURFACE (PER 307.3 OF ADA 2010). PROJECTIONS MAY NOT REDUCE MANEUVERING SPACE, OR CLEAR WIDTH OF AN ACCESSIBLE ROUTE.
B. HEAD ROOM: 80 INCHES MINIMUM.

10 SANITARY FACILITIES:

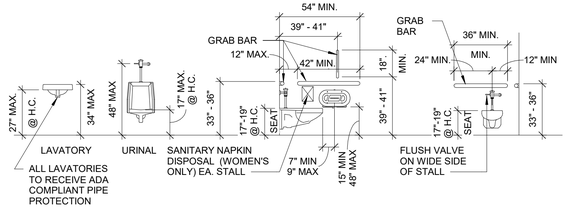
A. ACCESSIBLE COMPARTMENT DOORS SHALL BE SELF CLOSING. THE INSIDE AND OUTSIDE OF THE COMPARTMENT DOOR SHALL BE EQUIPPED WITH A DOOR PULL IMMEDIATELY BELOW THE LATCH. THE LATCH SHALL NOT REQUIRE THE USER TO GRASP OR TWIST.
B. WATER CLOSET: THE HANDLE OR BUTTON IS TO BE LOCATED ON THE WIDE SIDE OF THE WATER CLOSET.
C. URINALS: PROVIDE WALL HUNG URINALS OR STALL TYPE WITH RIM ELEVATION 17 INCHES MAXIMUM A.F.F. AND RIM PROJECTING 13-1/2" MINIMUM.
D. LAVATORY: PROVIDE CLEARANCE OF AT LEAST 27 INCHES FROM THE FLOOR TO THE BOTTOM OF THE APRON AND SINK RIM OR COUNTER SURFACE 34" A.F.F. MAXIMUM, WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30 INCHES WIDE, TO 8 INCHES MINIMUM DEPTH AT THE TOP. PROVIDE CLEARANCE AT LEAST 30 INCHES WIDE, TO 9 INCHES ABOVE THE FLOOR AND 17 INCHES DEEP FROM THE FRONT OF THE LAVATORY. PROVIDE A CLEAR FLOOR SPACE 30"x48" IN FRONT OF LAVATORY. THE CLEAR SPACE MAY EXTEND INTO KNEE AND TOE SPACE UNDERNEATH THE LAVATORY. INSULATE HOT WATER AND DRAIN PIPES UNDER LAVATORIES. FAUCET CONTROLS ARE REQUIRED TO BE OPERABLE WITH ONE HAND AND CANNOT REQUIRE GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE NECESSARY TO OPERATE CONTROLS IS NOT TO EXCEED 5 LBF.
E. ACCESSORIES: WHERE TOWEL, SANITARY NAPKIN AND WASTE RECEPTACLES AND SIMILAR DISPENSING AND DISPOSAL FIXTURES ARE PROVIDED, AT LEAST ONE OF EACH TYPE IS TO BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40 INCHES FROM THE FLOOR.
   1. MOUNT MIRRORS WITH THE REFLECTIVE EDGE NOT MORE THAN 40 INCHES ABOVE THE FLOOR.
   2. LOCATE TOILET TISSUE DISPENSERS ON THE WALL WITHIN 7-9" FROM THE FRONT EDGE OF THE TOILET SEAT BETWEEN 15" AND 48" FROM THE FLOOR TO THE PAPER OUTLET.

G. THE STRUCTURAL STRENGTH OF GRAB BARS, FASTENERS, AND MOUNTING DEVICES SHALL MEET THE BUILDING CODE.



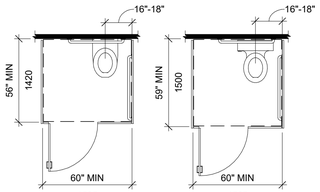
MIRROR | BABY CHANGING STATION | -AUTOMATIC HAND DRYER -TOWEL DISPENSER | TOILET SEAT COVER DISPENSER (EACH STALL)

TOILET ACCESSORIES



LAVATORY ALL LAVATORIES TO RECEIVE ADA COMPLIANT PIPE PROTECTION | URINAL | SANITARY NAPKIN DISPOSAL (WOMEN'S ONLY) EA. STALL | FLUSH VALVE ON WIDE SIDE OF STALL

PLUMBING FIXTURES



1525 (a) adult wall hung water closet
1525 (b) adult floor mounted water closet and children's water closet

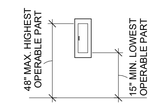
ADA 2010
FIGURE 604.2
WATER CLOSET LOCATION/
FIGURE 604.3.1 SIZE OF CLEARANCE
AT WATER CLOSETS

11 ELECTRICAL:

A. ELECTRICAL RECEPTACLES (15, 20 AND 30 AMPS) SHALL BE AT LEAST 15 INCHES ABOVE THE FLOOR.
B. THE OPERATIONAL PORTION OF SWITCHES AND CONTROLS FOR LIGHTS, APPLIANCES, COOLING, HEATING AND VENTILATING EQUIPMENT SHALL BE NOT LESS THAN 36 INCHES NOR MORE THAN 48 INCHES ABOVE THE FLOOR.
C. FIRE ALARM INITIATING DEVICES SHALL BE 48 INCHES ABOVE THE FLOOR, GROUND, OR SIDEWALK. FLUSH VALVE HEIGHT SHALL BE 48 INCHES MAX.

12 FIRE EXTINGUISHER:

A. FIRE EXTINGUISHERS SHALL BE INSTALLED SO THE HIGHEST OPERABLE PART IS AT MAXIMUM HEIGHT OF 48" AND LOWEST OPERABLE PART IS AT MINIMUM OF 15" ABOVE THE FINISHED FLOOR. SEE ELEVATIONS FOR DIMENSIONS (PER SECTION 308.2.1 ADA 2010)



FIRE EXTINGUISHER

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 DATE 03/29/22

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



2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

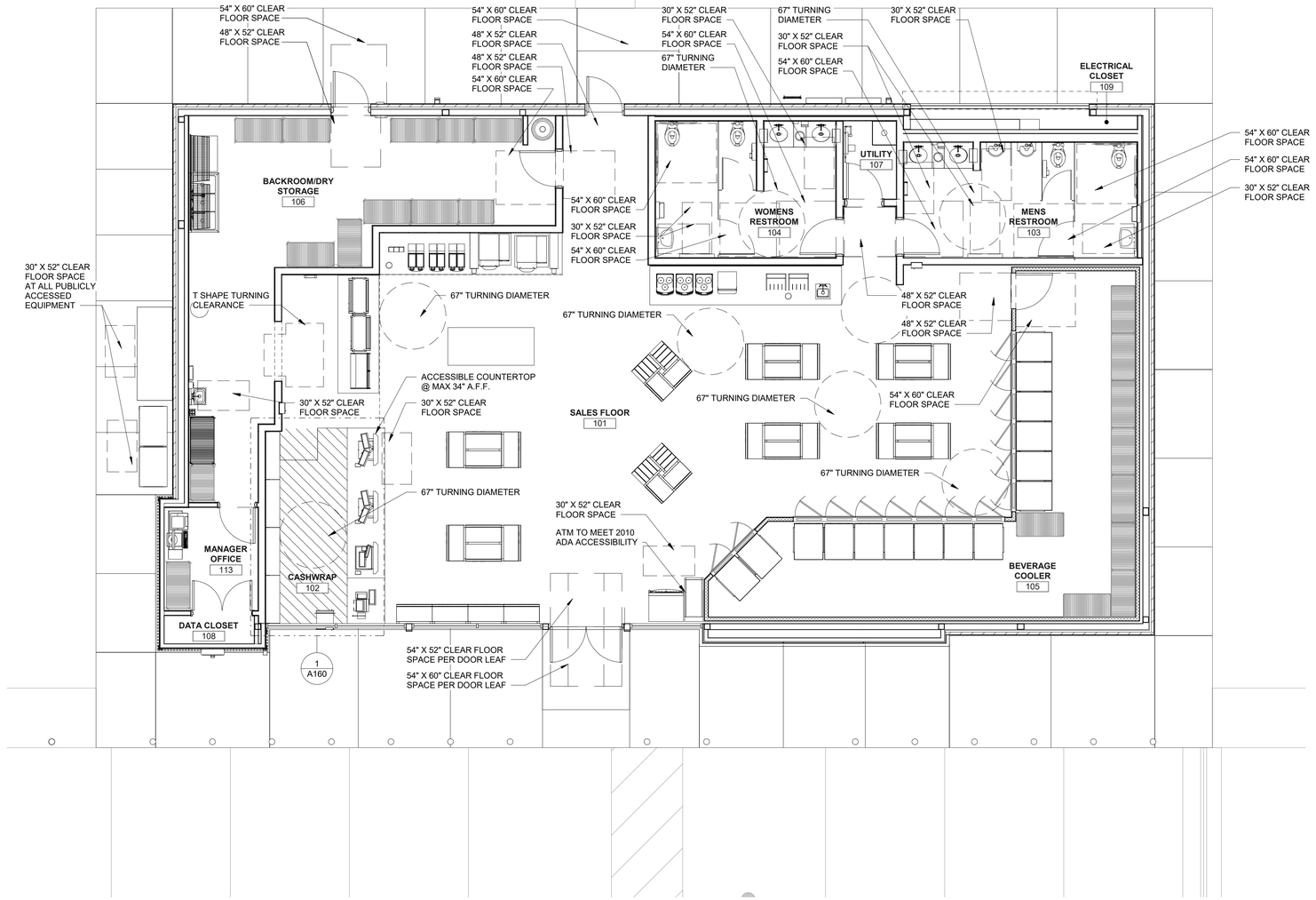
ACCESSIBILITY DETAILS

SHEET NUMBER

A001

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s):



1 ACCESSIBILITY PLAN
3/16" = 1'-0"

GENERAL NOTES

1. ALL ENTRANCE/EXIT DOORS TO BUILDING SHALL BE MADE ACCESSIBLE TO PERSONS WITH DISABILITIES AND BE OPERABLE FROM BOTH SIDES WITHOUT THE USE OF ANY SPECIAL KNOWLEDGE OR EFFORT.
2. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH PULL ACTIVATING BAR, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP OR TWIST THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL BE OPERABLE IN THE EGRESS DIRECTION.
3. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34" AND 48" ABOVE THE FLOOR.
4. EVERY DOORWAY WHICH IS LOCATED WITHIN AN ACCESSIBLE PATH OF TRAVEL SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3'-0" IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. WHEN INSTALLED, EXIT DOORS SHALL BE OPERATED AS DESCRIBED ABOVE IN EGRESS DIRECTION.
5. FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
6. THE BOTTOM 10" OF ALL DOORS (EXCEPT AUTOMATIC SLIDING DOORS) SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAMED DOORS ARE USED, A 10" HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE FLUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
7. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8.5 POUNDS FOR EXTERIOR DOORS, 5 POUNDS FOR INTERIOR DOORS AND 15 POUNDS FOR FIRE DOORS, WHEN SUCH EFFORT IS APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MAXIMUM ALLOWABLE TO THE APPROPRIATE ADMINISTRATIVE AUTHORITY NOT TO EXCEED 15 POUNDS.
8. THE SEPARATION DISTANCE TO EXIT OR EXIT ACCESS DOORWAY SHALL BE MEASURED PER JURISDICTIONAL REQUIREMENT.
9. PROVIDE ISA SIGN AT CASH WRAP.

RACEWAY

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA031173
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

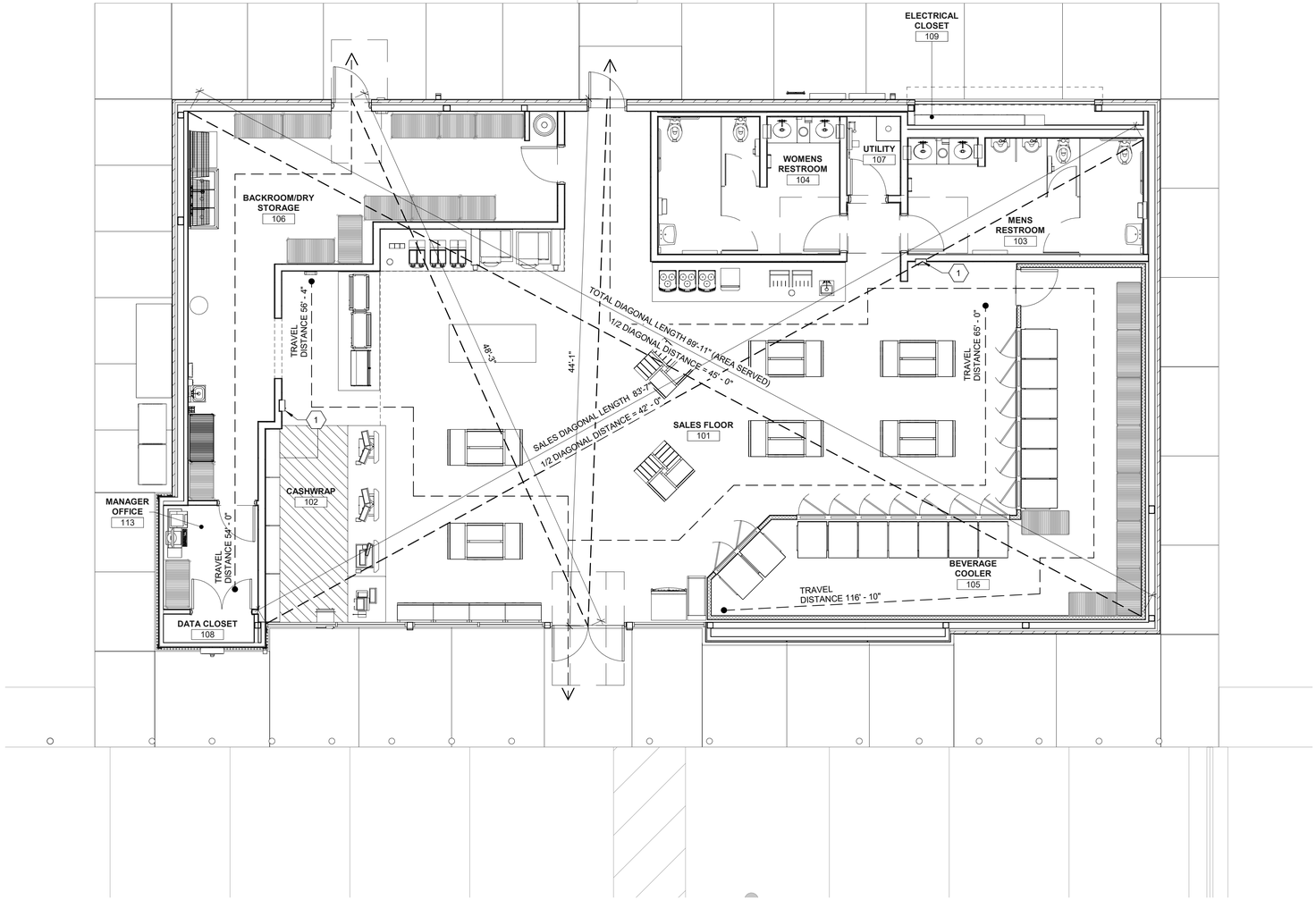
ACCESSIBILITY PLAN

SHEET NUMBER

A002

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s):



1 LIFE SAFETY PLAN
3/16" = 1'-0"

OCCUPANCY M
CONSTRUCTION TYPE V-B UNSPRINKLERED
MAXIMUM TRAVEL DISTANCE 200'-0"

SHEET KEYNOTES ⓧ

1	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 5'-0" ABOVE FINISH FLOOR AND TH BOTTOM OF THE EXTINGUISHER SHALL NOT BE LESS THAN 4" ABOVE THE FINISH FLOOR.

GENERAL NOTES

1. ALL ENTRANCE/EXIT DOORS TO BUILDING SHALL BE MADE ACCESSIBLE TO PERSONS WITH DISABILITIES AND BE OPERABLE FROM BOTH SIDES WITHOUT THE USE OF ANY SPECIAL KNOWLEDGE OR EFFORT.
2. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH PULL ACTIVATING BAR, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP OR TWIST THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL BE OPERABLE IN THE EGRESS DIRECTION.
3. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34" AND 48" ABOVE THE FLOOR.
4. EVERY DOORWAY WHICH IS LOCATED WITHIN AN ACCESSIBLE PATH OF TRAVEL SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3FT IN WIDTH AND NOT LESS THAN 6'-8" IN HEIGHT. WHEN INSTALLED, EXIT DOORS SHALL BE OPERATED AS ABOVE IN EGRESS DIRECTION.
5. FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
6. THE BOTTOM 10" OF ALL DOORS (EXCEPT AUTOMATIC SLIDING DOORS) SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAMED DOORS ARE USED, A 10" HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE FLUSH SIDE OF THE DOOR. WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
7. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 8.5 POUNDS FOR EXTERIOR DOORS, 5 POUNDS FOR INTERIOR DOORS AND 15 POUNDS FOR FIRE DOORS, WHEN SUCH EFFORT IS APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MAXIMUM ALLOWABLE TO THE APPROPRIATE ADMINISTRATIVE AUTHORITY NOT TO EXCEED 15 POUNDS.
8. THE SEPARATION DISTANCE TO EXIT OR EXIT ACCESS DOORWAY SHALL BE MEASURED PER JURISDICTIONAL REQUIREMENT.

RACEWAY
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2022.02.27	PERMIT SET

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA017125
REGISTERED ARCHITECT

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

LIFE SAFETY PLAN

SHEET NUMBER

A003

ISSUED FOR CONSTRUCTION

REQUIREMENTS FOR GENERAL CONSTRUCTION

1. ALL CONTRACTORS, PRIOR TO START OF WORK, SHALL SUBMIT TO RACEWAY, ATTN: CONSTRUCTION DEPARTMENT, THE FOLLOWING DOCUMENTATION:

   A. CERTIFICATION OF INSURANCE COVERAGE IN ACCORDANCE WITH PARAGRAPH 17 BELOW, AND
   B. FEDERAL TAXPAYER IDENTIFICATION NUMBER CERTIFICATION LETTER, A BLANK COPY OF WHICH IS ATTACHED, AND
   C. SIGNED AND DATED ACKNOWLEDGEMENT COPY OF PURCHASE ORDER OR CONSTRUCTION CONTRACT.
   D. AN ITEMIZED LIST OF NAMES, ADDRESSES AND PHONE NUMBERS OF ALL SUBCONTRACTORS AND PRINCIPAL MATERIAL SUPPLIERS TO BE USED BY THE CONTRACTOR DURING COMPLETION OF THE WORK.
   E. BAR CHART JOB SCHEDULE, ITEMIZED BY TRADE FOR COMPLETION OF THE CONTRACTED WORK WITHIN THE TIME FRAME DESIGNATED ON THIS SHEET UNDER "SITE SPECIFIC REQUIREMENTS". SHOULD THE SCHEDULE CHANGE A REVISED SCHEDULE SHALL BE SUBMITTED TO AND APPROVED BY RACEWAY, INC.

   NO INVOICES WILL BE PROCESSED FOR PAYMENT WITHOUT PRIOR RECEIPT OF THESE DOCUMENTS. ANY QUESTIONS REGARDING THIS MATTER MAY BE DIRECTED TO THE OWNER'S REPRESENTATIVE ASSIGNED TO THE PROJECT.

2. ALL INVOICES MUST:

   A. BE ADDRESSED TO RACEWAY, INC., 200 GALLERIA PARKWAY SE, SUITE 900, ATLANTA, GA. 30339. ATTN: CONSTRUCTION DEPARTMENT.
   B. BE SUBMITTED ON PROJECTTRAC, ITEMIZED IN ACCORDANCE WITH RACEWAY TAX COSTING ALLOCATION SUMMARY (BID FORM).
   C. INCLUDE SUBCONTRACTOR TWO PARTY CHECK FORM.

3. A 10% RETAINAGE WILL BE WITHHELD FROM ALL PARTIAL PAY REQUESTS, INCLUDING CHANGE ORDERS, UNTIL FINAL COMPLETION OF ALL WORK UNLESS OTHERWISE STATED.

4. THE OWNER'S CONTRACTOR AFFIDAVIT AND RELEASE OF LIENS, DULY NOTARIZED, SHALL ACCOMPANY CONTRACTOR'S FINAL PAYMENT REQUEST.

5. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE OWNER'S PLANS, SPECIFICATIONS, AND THESE REQUIREMENTS, AS WELL AS APPLICABLE NATIONAL, STATE AND LOCAL CODES, REGULATIONS AND/OR ORDINANCES THAT MAY BE APPLICABLE TO THIS PROJECT. WHERE SUCH CODES, REGULATIONS AND/OR ORDINANCES EXCEED THE OWNER'S SPECIFICATIONS. CONSTRUCTION WILL PROGRESS IN ACCORDANCE WITH THE MORE STRICT REQUIREMENTS.

6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR THE FULL COMPENSATION OF ALL WORK, AND FINAL INSPECTIONS RELATIVE TO HIS PORTION OF THE WORK. THE PROJECT SHALL NOT BE CONSIDERED COMPLETE UNTIL PROOF HAS BEEN DELIVERED TO THE OWNER'S REPRESENTATIVE THAT ALL INSPECTIONS HAVE BEEN COMPLETED AND SIGNED OFF BY THE APPLICABLE MUNICIPAL AUTHORITIES.

7. IT IS EXPRESSLY NOTED THAT TIME IS OF ESSENCE IN THE PERFORMANCE OF THIS WORK, AND THAT THE PAYMENT OF THE CONSIDERATION IS CONDITIONAL UPON SATISFACTORY AND TIMELY COMPLETION OF THE WORK AS DESCRIBED. CONTRACTOR AGREES THAT WORK WILL BE PERFORMED IN TIME TO KEEP UP WITH THE PROGRESS OF THE REST OF THE ON-SITE CONSTRUCTION AS DETERMINED BY THE OWNER'S REPRESENTATIVE.

8. ALL WORKMANSHIP, MATERIALS, SCHEDULES, STAFFING AND RELATED FUNCTIONS AS PROVIDED/EXECUTED BY THE CONTRACTOR TOWARD COMPLETION OF THIS PROJECT SHALL BE PERFORMED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE ASSIGNED TO THIS PROJECT.

9. THE OWNER RESERVES THE RIGHT TO ISSUE SEPARATE CONTRACTS OF VARIOUS PARTS OF THE WORK. COORDINATION INVOLVING SEPARATE CONTRACTS SHALL BE THE RESPONSIBILITY OF THE OWNER'S REPRESENTATIVE.

10. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE LATEST ISSUE OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS AND SHALL BE RESPONSIBLE FOR COMPLYING WITH THESE REGULATIONS DURING ALL PHASES OF CONSTRUCTION OF THIS PROJECT.

11. WORK NOT SPECIFICALLY ENUMERATED IN THE PURCHASE ORDER OR CONTRACT DOCUMENT MAY, AT OWNER'S DISCRETION, BE EXECUTED VIA OUTSIDE QUOTES FOR ANY ITEMS CONSIDERED OUTSIDE THE ORIGINAL SCOPE OF WORK. FIELD CHANGE ORDERS SHALL BE IMPLEMENTED AS FOLLOWS:

    A. WHEN THE CONTRACTOR BECOMES AWARE OF A WORK REQUIREMENT OUTSIDE THE ORIGINAL SCOPE OF WORK OR IS INSTRUCTED BY OWNER'S REPRESENTATIVE TO PERFORM WORK NOT SPECIFICALLY REQUIRED BY THE PURCHASE ORDER OR CONTRACT, A CHANGE ORDER SHALL BE ISSUED TO THE CONTRACTOR. PRICING FOR ALL ADDITIONAL WORK SHOULD BE ESTABLISHED AND SUBMITTED TO THE OWNER. ALL CHANGE ORDERS MUST BE APPROVED PRIOR TO WORK TAKING PLACE. PRICING FOR EXTRA WORK SHALL INCLUDE A DETAILED BREAKDOWN OF QUOTED COSTS INCLUDING ITEMIZED LABOR HOURS AND RATES, EQUIPMENT, MATERIALS OR OTHER COMPONENTS REQUIRED TO COMPLETE THE ADDITIONAL WORK, INCLUDING APPLICABLE OVERHEAD AND PROFIT. CHANGE ORDERS MUST BE SUBMITTED FOR ALL ADDITIONAL WORK AND APPROVED BEFORE WORK COMMENCES. CHANGE ORDERS SHALL BE APPROVED BY THE RACEWAY FIELD ENGINEER AND RACEWAY CORPORATE HEADQUARTERS. NO CHANGE ORDER IS FINAL UNTIL CORPORATE HEADQUARTERS APPROVES IT.
    B. RACEWAY PETROLEUM WILL NOT PAY FOR ADDITIONAL GENERAL CONDITIONS DUE TO PROJECT DELAYS.
    C. EMERGENCY CHANGE ORDERS ARE DEFINED AS THOSE THAT MAY CONSIDERABLY DELAY WORK OR SHUT DOWN OPERATIONS. EMERGENCY CHANGE ORDERS CAN NORMALLY BE APPROVED IN A MATTER OF HOURS BY FIRST CONTACTING THE RESPECTIVE RACEWAY FIELD ENGINEER AND/OR RACEWAY HEADQUARTERS.

12. THE CONSTRUCTION AREA SHALL BE MAINTAINED IN A SCRUPULOUSLY NEAT AND CLEAN MANNER. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FOR CLEAN-UP AND DISPOSAL OF HIS DEBRIS ON A CONTINUOUS DAILY BASIS. CONTRACTOR'S FAILURE TO COMPLY WITH THE ABOVE WILL RESULT IN THE OWNER'S REPRESENTATIVE TAKING NECESSARY ACTIONS TO CORRECT AND EXPENSES ASSOCIATED THEREWITH WILL BE DEDUCTED FROM THE CONTRACT AMOUNT.

13. AT OPEN AND OPERATING FACILITIES, FLASHING LIGHTS, BARRICADES AND FLAGGING SHALL BE ERECTED AND MAINTAINED AROUND ALL CONSTRUCTION ACTIVITY AND AS REQUIRED TO PROHIBIT CUSTOMERS AND VEHICULAR TRAFFIC FROM ENTERING THE CONSTRUCTION AREAS. OPEN TRENCHES SHALL BE COVERED WITH STEEL PLATED WHEN NOT INVOLVED WITH THE SPECIFIC WORK AT HAND ON ANY GIVEN WORK DAY, AND AT THE CONCLUSIONS OF EACH DAY'S WORK.

14. CONTRACTORS SHALL PROVIDE THE OWNER WITH AN AS-BUILT PLAN CLEARLY DEPICTING LOCATION OF ALL UNDERGROUND UTILITIES, CONDUIT AND PIPING INSTALLED AS PART OF THIS PROJECT.

15. THE CONTRACTOR SHALL EXERCISE CARE DURING THE PERFORMANCE OF THIS WORK TO PROTECT COMPLETED AND/OR CONCURRENT WORK PERFORMED BY OTHERS. ANY DAMAGES TO COMPLETED AND/OR CONCURRENT WORK PERFORMED BY OTHERS WILL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR.

16. THE CONTRACTOR SHALL WARRANT AND GUARANTEE:

    A. THAT THE CONTRACTOR SHALL PERFORM IN ACCORDANCE WITH GENERALLY ACCEPTED PROFESSIONAL AND SOUND ENGINEERING STANDARDS AND STRICTLY IN ACCORDANCE WITH THE SPECIFICATIONS, DRAWINGS AND OTHER ENGINEERING DATA FURNISHED BY OWNER;
    B. THAT ALL WORK PERFORMED IS IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, REGULATIONS AND ORDINANCES;
    C. THAT NONE BUT EXPERIENCED WORKMEN WILL BE EMPLOYED AND ANY WORKMAN WHO, IN THE OPINION OF THE OWNER OR HIS AGENTS, IS NOT CAPABLE, OR WHO IS CARELESS IN THE EXECUTION OF THE WORK, MUST BE REMOVED UPON THE REQUEST OF THE OWNER AND WITHIN TWENTY-FOUR HOURS AFTER DEMAND;
    D. THAT ALL MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE NEW AND THE BEST OF THEIR RESPECTIVE KINDS OR AS SPECIFIED BY THE OWNER AND SHALL BE ERECTED IN A FIRST CLASS AND WORKMANLIKE MANNER;
    E. THAT THE CONTRACTOR SHALL, AT HIS OWN EXPENSE,UPON NOTICE FROM THE OWNER AND AT SUCH TIME AS MAY BE CONVENIENT TO THE OWNER PROMPTLY REPAIR OR REPLACE, AS NECESSARY, ANY AND ALL PORTIONS OF THE WORK WHICH PROVE, NO LATER THAN TWELVE (12) MONTHS FROM AND AFTER THE DATE OF CONTRACTOR'S COMPLETION OF THE WORK, TO BE DEFECTIVE IN MATERIALS OR WORKMANSHIP.

17. INSURANCE

    A. THE CONTRACTOR SHALL PURCHASE AND MAINTAIN SUCH INSURANCE AT THE SPECIFIED LIMITS AS WILL PROTECT HIM FROM THE CLAIMS SET FORTH BELOW WHICH MAY ARISE OUT OF RESULT FROM THE CONTRACTOR'S OPERATIONS BE BY HIMSELF OR BY ANY SUBCONTRACTOR OR BY ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM, OR BY ANYONE FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE.

       1. WORKERS' COMPENSATION INSURANCE IN COMPLIANCE WITH THE WORKERS' COMPENSATION ACT OF THE STATE IN WHICH THE WORK SITE IS LOCATED. EMPLOYERS' LIABILITY WITH LIMITS OF 2,000,000.
       2. COMPREHENSIVE GENERAL LIABILITY INSURANCE, COVERING LIABILITY FOR BODILY INJURY, INCLUDING DEATH, AND PROPERTY DAMAGE WITH COMBINED SINGLE LIMITS OF AT LEAST $1,000,000 PER OCCURRENCE INCLUDING (I) PERSONAL INJURY AND (II) PRODUCT/LIABILITY/COMPLETED OPERATIONS
       3. AUTOMOBILE LIABILITY INSURANCE COVERING OWNED, NON-OWNED AND HIRED VEHICLES FOR BODILY INJURY INCLUDING DEATH WITH LIMITS OF AT LEAST $1,000,000 PER OCCURRENCE.

    B. COMPREHENSIVE GENERAL LIABILITY AND ANY EXCESS LIABILITY POLICIES SHALL NOT BE SUBJECT TO XCU (EXPLOSION, COLLAPSE AND UNDERMINING EXCLUSIONS.
    C. ALL INSURANCE POLICIES CARRIED BY CONTRACTOR WHETHER SPECIFIED HEREIN OR OTHERWISE SHALL CONTAIN ENDORSEMENTS WAIVING THE INSURER'S RIGHT OF SUBROGATION AGAINST OWNER.
    D. ALL POLICIES SHALL INCLUDE OWNER AS AN ADDITIONAL INSURED.
    E. CONTRACTOR SHALL FURNISH OWNER CERTIFICATION CERTIFYING THAT INSURANCE COVERAGE SPECIFIED HEREIN ARE IN FULL FORCE AND EFFECT AND THAT OWNER WILL BE GIVEN THIRTY (30) DAYS WRITTEN NOTICE PRIOR TO ANY CANCELLATION OR MATERIAL CHANGE. WAIVER OF SUBROGATION AND ADDITIONAL NAMED INSURED ENDORSEMENT WILL ALSO BE NOTED ON THE CERTIFICATE.
    F. CONTRACTOR SHALL PAY ANY AND ALL CONTRIBUTIONS FOR UNEMPLOYMENT INSURANCE AND DISABILITY BENEFITS REQUIRED BY THE LAWS OF THE STATE IN WHICH THE WORK IS PERFORMED, TO BE PAID FOR THE EMPLOYEES OF THE CONTRACTOR, AND UPON REQUEST, CONTRACTOR SHALL, FROM TIME TO TIME, FURNISH EVIDENCE TO OWNER OF PAYMENT OF SAME.

18. THE CONTRACTOR WILL PROVIDE ON-SITE SECURE STORAGE FACILITIES AND MAKE ARRANGEMENTS TO OFF LOAD AND STORE ALL EQUIPMENT PROVIDED BY OWNER.

    THE CONTRACTOR WILL BE PROVIDED COPIES OF EQUIPMENT PURCHASE ORDERS AND SHALL BE RESPONSIBLE FOR NOTIFYING THE OWNER OF EQUIPMENT RECEIPTS ON A DAILY BASIS. SHOULD ANY ITEM OF EQUIPMENT NEED TO BE RETURNED TO THE VENDOR DUE TO BEING DAMAGED OR DUE TO A DEFECT, IT MUST BE RETURNED TO THE VENDER WITHIN 30 DAYS OR IT WILL BE BACK-CHARGED TO THE GENERAL CONTRACTOR. IF A SHIPMENT IS SIGNED FOR AS COMPLETE. ANY LOST ITEMS WILL BE CHARGED TO THE GENERAL CONTRACTOR.

    THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFE HANDLING AND CARE OF THIS EQUIPMENT. DAMAGED, LOST OR STOLEN ITEMS WILL BE REPAIRED OR REPLACED AT THE OWNER'S OPTION AND BACK CHARGED TO THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR OWNER FURNISHED EQUIPMENT UNTIL PROJECT IS ACCEPTED AT FINAL TURNOVER BY RACEWAY, INC..

    ITEMS TO BE PROVIDED BY THE OWNER SHALL BE LISTED ON THE DRAWINGS. ANY ITEM NOT SPECIFICALLY INDICATED AS BEING SUPPLIED BY THE OWNER SHALL BE CONSIDERED AS BEING SUPPLIED BY THE CONTRACTOR.

19. SHOP DRAWINGS, EQUIPMENT AND MATERIAL SPECIFICATION SHEETS ARE TO BE SUBMITTED TO THE OWNER FOR REVIEW PRIOR TO ANY PURCHASE COMMITMENTS.

20. THE CONTRACTOR SHALL ARRANGE AND MAINTAIN FOR TEMPORARY JOB SITE TELEPHONE AND FAX SERVICE THROUGHOUT THE COURSE OF CONSTRUCTION.

21. THE CONTRACTOR SHALL ARRANGE FOR AN INDEPENDENT TESTING SERVICE TO PROVIDE 7 AND 28-DAY CONCRETE CYLINDER BREAKS. PROVIDE 3 TEST CYLINDERS FOR EACH 50 CUBIC YARD BATCH OR FRACTION THEREOF. TEST BREAKS TO EQUAL OR EXCEED MINIMUM COMPRESSIVE STRENGTHS SPECIFIED ON THE PLANS. ALL RESULTS MUST BE PROVIDED TO RACEWAY, INC..

22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING AN INDEPENDENT SOILS TESTING LABORATORY TO INSPECT AND PERFORM COMPACTION TESTING ON ALL SITE GRADING. COMPACT ALL SUB-GRADE SOILS TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT OF THE MODIFIED PROCTOR COMPACTION TEST STM 1557D UNLESS OTHERWISE SPECIFIED. ALL TEST RESULTS MUST BE PROVIDED TO A RACEWAY FIELD REPRESENTATIVE BY TESTING COMPANY. COMPACTION TEST TO BE PERFORMED AT LEAST 1 TEST PER 5000 SQUARE FEET OF EVERY VERTICAL INTERVAL OF 2 FEET. FILL IS TO BE PLACED IN 8" LIFTS.

23. EARTH EXCAVATION INCLUDES EXCAVATION OF PAVEMENTS AND OTHER OBSTRUCTIONS VISIBLE ON GROUND SURFACE; UNDERGROUND STRUCTURES, UTILITIES AND OTHER ITEMS INDICATED TO BE DEMOLISHED AND REMOVED; TOGETHER WITH EARTH AND OTHER MATERIALS ENCOUNTERED THAT ARE NOT CLASSIFIED AS ROCK OR UNAUTHORIZED EXCAVATION.

    ROCK EXCAVATION IN TRENCHES AND PITS INCLUDES REMOVAL AND DISPOSAL OF MATERIALS AND OBSTRUCTIONS ENCOUNTERED WHICH CANNOT BE EXCAVATED WITH A 0.75 CUBIC YARD (HEAPED) CAPACITY, 42" WIDE BUCKET ON TRACK-MOUNTED POWER EXCAVATOR EQUIVALENT TO CATERPILLAR MODEL 215, RATED AT NOT LESS THAN 90HP FLYWHEEL POWER AND 30,000 LB. DRAWBAR PULL. TRENCHES IN EXCESS OF 10'-0" IN WIDTH AND PITS IN EXCESS OF 30'-0" IN EITHER LENGTH OR WIDTH ARE CLASSIFIED AS OPEN EXCAVATIONS.

    A. TYPICAL OF MATERIALS CLASSIFIED AS ROCK ARE BOULDERS 1/2 CU. YD. OR MORE IN VOLUME, SOLID ROCK, ROCK IN LEDGES, AND ROCK-HARD CEMENTITIOUS AGGREGATED DEPOSITS.
    B. INTERMITTENT DRILLING, BLASTING OR RIPPING PERFORMED TO INCREASE PRODUCTION AND NOT NECESSARY TO PERMIT EXCAVATION OF MATERIALS ENCOUNTERED WILL BE CLASSIFIED AS EARTH EXCAVATION.
    C. DO NOT PERFORM ROCK EXCAVATION WORK UNTIL MATERIAL TO BE EXCAVATED HAS BEEN CROSS-SECTIONED AND CLASSIFIED BY THE OWNER. SUCH EXCAVATION WILL BE PAID ON BASIS OF CONTRACT CONDITIONS RELATIVE TO CHANGES IN WORK.

THE CONTRACTOR SHALL KEEP ALL EXCAVATIONS FREE FROM WATER BY PUMPING OR OTHER ADEQUATE MEANS AND SHALL DO ANY AND ALL SHORING, SHEET PIPING OR OTHER WORK NECESSARY TO KEEP EXCAVATIONS IN GOOD AND SAFE CONDITION AND HE SHALL PROTECT AND CARE FOR ALL PARTS, DO THE NECESSARY TRENCHING TO CONDUCT SURFACE WATER AWAY FROM THE STRUCTURE.

24. ALL GRAPHICS EXCEPT AS NOTED TO BE INSTALLED BY GENERAL CONTRACTOR.

25. GENERAL CONTRACTOR TO BE RESPONSIBLE FOR ALL INTERIOR AND EXTERIOR PAINTING. ALL INTERIOR FINISHES RECEIVING PAINT TO CONFORM TO A LEVEL '4' FINISH.

26. ANY SUBSTITUTIONS TO MATERIALS OR SPECIFICATIONS IN THESE PLANS MUST BE APPROVED IN WRITING BY V.P. OF CONSTRUCTION PRIOR TO USE.

27. ALL RETAINING WALLS TO BE PROTECTED DURING BACKFILL BY CONTRACTOR. THIS INCLUDES, BUT IS NOT LIMITED TO, PROVIDING AND INSTALLING PROPER BRACING DURING ALL BACKFILL BEING PLACED ADJACENT TO RETAINING WALLS.

28. GENERAL CONTRACTOR TO VERIFY THE SPECIFICATIONS FOR ALL CITY, STATE AND COUNTY ROADWORK AND BID THE PROJECT ACCORDING TO ALL LOCAL REQUIREMENTS.

29. CONTRACTOR SHALL KEEP A TRANSIT OR EQUAL ON SITE AT ALL TIMES.

30. CONTRACTOR SHALL REMOVE ALL VEGETATION, RUBBISH AND BROKEN ASPHALT OR CONCRETE FROM THE SITE DURING CONSTRUCTION. UNDER NO CIRCUMSTANCES ARE SUCH MATERIALS TO BE BURIED ON THE SITE.

31. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY COSTS UNTIL THE DAY OF STORE OPENING.

32. GC IS RESPONSIBLE TO SOD ALL DISTURBED AREAS OUT SIDE THE LIMITS OF CONSTRUCTION.

33. 100% IRRIGATION IS TO BE FURNISHED BY THE GC. SYSTEM SHALL BE HYDROPOINT.

34. ALL DRYWALL FINISHES TO CONFORM TO SPECIFIC FINISH LEVELS AS LISTED BY CEILING & INTERIOR SYSTEMS CONSTRUCTION ASSOCIATION, GYPSUM ASSOCIATION & PAINTING & DECORATING CONTRACTORS.

    LEVEL 3:

    IN RESTROOMS (RECEIVING WALL TILE) AND HALLWAY (RECEIVING FRP) ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND ONE ADDITIONAL COAT OF JOINT COMPOUND APPLIED OVER ALL JOINTS AND INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH TWO SEPARATE COATS OF JOINT COMPOUND. ALL JOINT COMPOUND SHALL BE COVERED WITH TWO SEPARATE COATS OF JOINT COMPOUND. ALL JOINT COMPOUND SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES.
    NOTE:
    PREPARED SURFACE TO BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINAL FINISH.

    LEVEL 4:

    ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND TWO SEPARATE COATS OF JOINT COMPOUND APPLIED OVER ALL FLAT JOINTS AND ONE SEPARATE COAT OF JOINT COMPOUND APPLIED OVER INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH THREE SEPARATE COATS OF JOINT COMPOUND. ALL JOINT COMPOUND SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES. NOTE: IT IS RECOMMENDED THAT THE PREPARED SURFACE BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINAL FINISHES. SEE PAINTING/WALLCOVERING SPECIFICATION IN THIS REGARD.

    THIS LEVEL SHOULD BE SPECIFIED WHERE FLAT PAINTS, LIGHT TEXTURES, OR WALL COVERINGS ARE TO BE APPLIED.

    THE WEIGHT, TEXTURE, AND SHEEN LEVEL OF WALL COVERINGS APPLIED OVER THIS LEVEL OF FINISH SHOULD BE CAREFULLY EVALUATED. JOINTS AND FASTENERS MUST BE ADEQUATELY CONCEALED IF THE WALLCOVERING MATERIAL IS LIGHTWEIGHT, CONTAINS LIMITED PATTERN, HAS A GLOSS FINISH, OR ANY COMBINATION OF THESE FINISHES IS PRESENT. UNBACKED VINYL WALL COVERINGS ARE NOT RECOMMENDED OVER THIS LEVEL OF FINISH.

    LEVEL 5:

    ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND TWO SEPARATE COATS OF JOINT COMPOUND APPLIED OVER ALL FLAT JOINTS AND ONE SEPARATE COAT OF JOINT COMPOUND APPLIED OVER INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH THREE SEPARATE COATS OF JOINT COMPOUND. A THIN SKIM COAT (REF: TERMINOLOGY, SECTION II) OF JOINT COMPOUND OR A MATERIAL MANUFACTURED ESPECIALLY FOR THIS PURPOSE, SHALL BE APPLIED TO THE ENTIRE SURFACE. THE SURFACE SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES. NOTE: IT IS RECOMMENDED THAT THE PREPARED SURFACE BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINISH PAINT. SEE PAINTING SPECIFICATION IN THIS REGARD.

    THIS LEVEL OF FINISH IS HIGHLY RECOMMENDED WHERE GLOSS, SEMI-GLOSS, ENAMEL, OR NONTEXTURED FLAT PAINTS ARE SPECIFIED OR WHERE SEVERE LIGHTING CONDITIONS OCCUR.

    THIS HIGHEST QUALITY FINISH IS THE MOST EFFECTIVE METHOD TO PROVIDE A UNIFORM SURFACE AND MINIMIZE THE POSSIBILITY OF JOINT PHOTOGRAPHING AND OF FASTENERS SHOWING THROUGH THE FINAL DECORATION.

35. CONFLICTS:
    RACEWAY REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY UPON DISCOVERY OF A PROBLEM OR CONFLICT. CONTRACTOR SHALL PROMPTLY IDENTIFY ONE OR MORE PROPOSED SOLUTIONS BUT SHALL NOT PROCEED UNTIL SO AUTHORIZED.

BEVERAGE QUICK DISCONNECTS

THE GENERAL CONTRACTOR WILL PROVIDE AND INSTALL APPROPRIATELY SIZED QUICK DISCONNECTS FOR EACH. BEVERAGE EQUIPMENT OR ICE MACHINE CONNECTIONS.
THE QUICK DISCONNECTS SHALL BE AS FOLLOWS:

PART NUMBER	MANUFACTURER	DESCRIPTION
42100	BEVERAGE DISPENSING SOLUTIONS	PLASTIC 1/4" DIA. BARB SHUT-OFF
5923K71	McMASTER	PLASTIC 1/4" DIA. BARB STRAIGHT THRU

PLC SERIES SPECIFICATIONS

PRESSURE: VACUUM TO 120 PSI, 8.3 BAR
TEMPERATURE" -40 DEG. F TO 180 DEG. F CONTINUOUS
-40 DEG. C TO 82 DEG. C CONTINUOUS

MATERIALS:

MAIN COMPONENTS AND VALVES: ACETAL
THUMB LATCH: STAINLESS STEEL
VALVE SPRING: 316 STAINLESS STEEL
EXTERNAL SPRINGS AND PIN: STAINLESS STEEL
O-RINGS: BUNA-N
COLOR: NATURAL WHITE, OTHERS AVAILABLE
TUBING RANGE: 1/4" TO 3/8", 6.4MM TO 9.5MM

JG R TUBING SPECIFICATIONS:

TUBE TOLERANCES: 1/4" OD, +0.001/-0.004
3/8" OD, +0.001/-0.004
TUBE TYPES(PLASTIC TUBE): POLYETHYLENE, NYLON, POLYURETHANE

FOR SOFT OR THIS WALL TUBING WITH JG R TERMINATIONS, TUBE SUPPORTS ARE RECOMMENDED

(METAL TUBE): BRASS COPPER, AND MILD STEEL

SITE SPECIFIC REQUIREMENTS

1. THE OWNER WILL MAKE AVAILABLE CONSTRUCTION PLANS FOR PURCHASE ON PROJECTTRAC.

2. THE OWNER WILL ARRANGE TO HAVE HIS/HER SURVEYOR SET PROPERTY CORNERS ONE TIME SUBSEQUENT TO PROJECT START-UP. GC WILL RETAIN SURVEYOR TO RESET PROPERTY PINS, IF NECESSARY.

3. EXCLUSIONS/QUALIFICATIONS:

   A. CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLATION OF CANOPY FOOTINGS, MAX. NO. OF 14 -- REF. CANOPY MANUF. SITE PLAN FOR SIZE, NUMBER AND LOCATION. CONTRACTOR IS ALSO RESPONSIBLE FOR WIRING ALL LIGHTS AND EQUIPMENT ON CANOPY, (SEE SHEET C-1). LIGHTS WILL BE SUPPLIED & INSTALLED BY OWNER.
   B. OWNER'S SIGN FABRICATOR SHALL INSTALL FOOTING, PROVIDE AND ERECT FREE STANDING PRICE & IDENTIFICATION SIGN

      1) GENERAL CONTRACTOR SHALL ARRANGE TO WIRE AND COMPLETE ELECTRICAL CONNECTIONS TO LIGHTS AT TOP & BOTTOM OF PRICE SIGN (INCLUDING A MIN. OF (10) 400 WATT LIGHTS), PREMIUM HONOR SIGNS, BUILDING AWNING LIGHTS, CANOPY LIGHTS, CANOPY NEON LIGHTS, SATELLITE EQUIPMENT AND PUMP TOPPER LIGHTS.

   C. OWNER WILL PROVIDE AND INSTALL ALL EXTERIOR AWNINGS, CANOPY LETTERING AND NEON AS SHOWN ON PLANS.
   D. AIR TOWER TO BE INSTALLED BY OTHERS. CONTRACTOR TO EXTEND WATER AND ELECTRICAL AS SHOWN, STUB UP AND SECURE PENDING AIR TOWER AND TELEPHONE EQUIPMENT PLACEMENT/INSTALLATION.

4. PERMITS: OWNER HAS OR WILL PAY FOR AND HAS RECEIVED TENTATIVE APPROVALS FOR BUILDING PERMIT, WATER & SEWER CONNECTION FEES, AND D.O.T. ENTRANCE PERMITS. CONTRACTOR SHALL COMPLETE THE LICENSING REQUIREMENTS FOR PORTION OF BUILDING PERMIT APPLICATIONS PLUS ANY MISCELLANEOUS TRADE PERMITS/INSPECTION FEES (I.E. PLUMBING, MECHANICAL, ELECTRICAL, ETC.) AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF ANY LOCAL LICENSING FEES AND INSPECTION FEES. CONTRACTOR SHALL NOT MOVE ON SITE UNTIL ALL OF THE APPROPRIATE PERMITS ARE IN HAND.

5. NO PVC CONDUIT TO BE USED ON TOP OF CANOPY. USE ONLY 3/4" EMT CONDUIT WITH WATER TIGHT CONNECTIONS.

6. INSTALLATION OF OWNER'S EQUIPMENT AND FURNISHINGS: THE FOLLOWING ALLOWANCES FOR INSTALLATION OF OWNER'S EQUIPMENT ARE PREDICATED ON OWNER'S PAST EXPERIENCE FOR SIMILAR INSTALLATIONS. A TWO-MAN CREW CONSISTS OF A GOOD MECHANIC OR CARPENTER AND A HELPER.

   COOLER SHELVING --- 2 MEN, 2 DAY.
   STORE GONDOLA --- 2 MEN, 1 DAY.
   STOREROOM SHELVING --- 1 MAN, I DAY.
   SNACK BAR EQUIPMENT --- 1 MAN, 1 DAY.
   CHECKOUT COUNTER EQUIPMENT --- 2 MEN, 1 DAY.
   TOWEL RACKS, CANOPY COLUMN SIGNS --- 2 MEN, 1/2 DAY.
   ALL OWNER SUPPLIED GRAPHICS, DECALS.
   AT C-STORE AND ENTIRE SITE -- 2 MEN, 2 DAYS

7. CONTRACTOR SHALL ARRANGE TO SUPPLY AND INSTALL PUMP ISLAND EXTINGUISHERS IN ACCORDANCE WITH LOCAL FIRE MARSHALL/INSPECTOR'S REQUIREMENTS.

8. RACEWAY SHALL ARRANGE TO PERFORM A VOLUMETRIC PRECISION TEST ON COMPLETED UNDERGROUND STORAGE TANKS AND PRODUCT PIPING SYSTEM IN ACCORDANCE WITH SECTION 5.1 OF DRAWING PS-5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF FUEL DELIVERIES DURING NORMAL START UP PROCEDURES. TANKS SHALL REMAIN LOCKED AT ALL TIMES. ANY FUEL CHARGES WILL BE CHARGED TO THE GENERAL CONTRACTOR.

9. STORE STOCKING AND MERCHANDISING: STOCKING AND MERCHANDISING FOR NEW STORE REQUIRES 3 DAYS AND MUST BE SCHEDULED BY THE CONTRACTOR 3 WEEKS IN ADVANCE OF ANTICIPATED COMPLETION OF WORK.

   1. ARRANGE TO COMPLETE ALL WORK AND OBTAIN NECESSARY OCCUPANCY PERMITS PRIOR TO THE SCHEDULED "STOCK DATE".
   2. HAVE STORE, STORE EQUIPMENT, DISPENSERS, AND SITE PROFESSIONALLY AND THOROUGHLY CLEANED, PRIOR TO THE SCHEDULED "STOCK DATE"
   3. RETAIN JOB SUPERINTENDENT AND TWO LABORERS ON SITE TO ASSIST WITH STORE STOCKING; MISCELLANEOUS CLEANING/DEBRIS REMOVAL AS REQUIRED; AND NEW STORE INSPECTION (SEE PARAGRAPH II BELOW).
   4. ARRANGE FOR JOB SITE DUMPSTER TO BE EMPTIED PRIOR TO STORE STOCKING; REMOVE DUMPSTER FROM SITE FOLLOWING STORE STOCKING.

10. OPENING INSPECTION: A COMPREHENSIVE AND THOROUGH INSPECTION OF THE NEW STORE CONSTRUCTION AND MERCHANDISING WILL BE COMPLETED SUBSEQUENT TO THE STORE STOCKING/MERCHANDISING AND PRIOR TO THE STORE OPENING. GENERAL CONTRACTOR MUST HAVE A GILBARCO VEEDER-ROOT ON OPENING DAY. THESE TECHNICIANS SHALL BE SCHEDULED FOR 10-12 HOURS. VEEDER ROOT TECHNICIAN MUST BE AN AUTHORIZED FACTORY DISTRIBUTOR.

    CONTRACTOR SHALL:

    1. ARRANGE TO CORRECT CONSTRUCTION RELATED DEFICIENCIES AS DIRECTED BY THE OWNER'S ENGINEER PRIOR TO STORE OPENING OR AS SOON THEREAFTER AS PRACTICAL.
    2. PURGE AND CALIBRATE EACH DISPENSER/PUMP AS PER SHEET PS-5 AND FURNISH COPY OF REPORTS TO RACEWAY BEFORE STORE OPENING.

11. ALL EQUIPMENT, HOSES AND CONNECTIONS TO MEET NSF SPECIFICATIONS.

12. IF EQUIPMENT TO BE INSTALLED AND HOOKED-UP BY THE MANUFACTURER'S REPRESENTATIVE, GENERAL CONTRACTOR TO SCHEDULE INSTALLATION WITH OWNER'S REPRESENTATIVE 7 DAYS PRIOR TO REQUIRED START-UP.

13. GENERAL CONTRACTOR TO TAG KEYS FOR ALL EQUIPMENT, DOORS, ETC., PRIOR TO STORE TURNOVER.

14. EIFS QUALITY ASSURANCE

    A. MANUFACTURER REQUIREMENTS
       1. MEMBER IN GOOD STANDING OF THE EIFS INDUSTRY MEMBERS
       2. AIR/MOISTURE BARRIER AND EIFS MANUFACTURER FOR A MINIMUM OF THIRTY (30) YEARS
       3. MANUFACTURING FACILITIES ISO 9001:2008 CERTIFIED QUALITY SYSTEM AND ISO 1400:2004 CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM.

    B. CONTRACTOR REQUIREMENTS
       1. ENGAGED IN APPLICATION OF SIMILAR SYSTEMS FOR A MINIMUM OF THREE (3) YEARS
       2. KNOWLEDGEABLE IN THE PROPER USE AND HANDLING OF STO MATERIALS
       3. EMPLOY SKILLED MECHANICS WHO ARE EXPERIENCED AND KNOWLEDGEABLE IN AIR/MOISTURE AND EIFS APPLICATION, AND FAMILIAR WITH THE REQUIREMENTS OF THE SPECIFIED WORK.
       4. SUCCESSFUL COMPLETION OF MINIMUM OF THREE (3) PROJECTS OF SIMILAR SIZE AND COMPLEXITY SYSTEM TO THE SPECIFIED PROJECT
       5. PROVIDE THE PROPER EQUIPMENT, MANPOWER, AND SUPERVISION ON THE JOB SITE TO INSTALL THE SYSTEM IN COMPLIANCE WITH STO'S PUBLISHED SPECIFICATION AND DETAILS AND THE PROJECT.

    C. INSULATION BOARD MANUFACTURER REQUIREMENTS
       1. EPS BOARD LISTED BY AN APPROVAL AGENCY.
       2. EPS BOARD MANUFACTURED UNDER STO LICENSING AGREEMENT AND RECOGNIZED BY STO AS BEING CAPABLE OF PRODUCING EPS INSULATION BOARD TO MEET EIFS REQUIREMENTS.
       3. EPS BOARD LABELED WITH INFORMATION REQUIRED BY STO, THE APPROVED LISTING AGENCY, AND THE APPLICABLE BUILDING CODE.

1705.15 EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)

MATERIAL / ACTIVITY	SERVICE	APPLICABLE TO THIS PROJECT	
		Y/N	EXTENT
1. VERIFY MATERIALS, DETAILS AND INSTALLATIONS ARE PER THE APPROVED CONSTRUCTION DOCUMENTS. A. MANDATORY EXCEPT FOR APPLICATIONS INSTALLED OVER MASONRY OR CONCRETE WALLS, OR WHERE WITH MEANS OF DRAINING MOISTURE TO THE EXTERIOR	FIELD INSPECTION	Y	PERIODIC
2. INSPECTION OF WATER-RESISTIVE BARRIER OVER SHEATHING SUBSTRATE A. MANDATORY WHERE WATER-RESISTIVE BARRIER COATING IS INSTALLED OVER SHEATHING SUBSTRATE	FIELD INSPECTION	Y	PERIODIC (PER REQUIREMENTS OF ASTM E2570)

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET

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

PROJECT NAME
HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 DATE 03/29/22

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
STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA011173
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE
GENERAL REQUIREMENTS

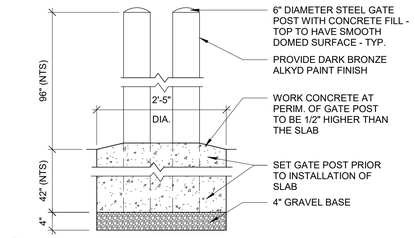
SHEET NUMBER
A005

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0202

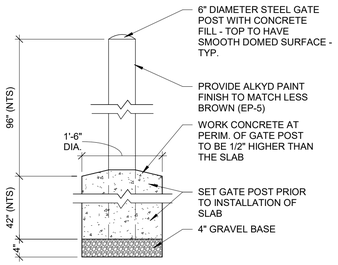
DUMPSTER FINISH SCHEDULE

ID	MANUF.	MATERIAL	COMMENTS
BRICK			
BR-2	GENERAL SHALE	BRICK VENEER	"STONE MOUNTAIN" - ARGOS MASONRY CEMENT - MORTAR COLOR "MAGNOLIA DARK"
EXTERIOR PAINT			
EP-5	SHERWIN WILLIAMS	PAINT	EXTERIOR PAINT SW 6040 "LESS BROWN".
METAL			
M-1	PREFINISHED 4" 2-PIECE COMPRESSION METAL COVER		METAL TO MATCH M-11
TREX			
TX-1	SELECT COMPOSITE	1/2" THICKNESS	WINCHESTER GREY

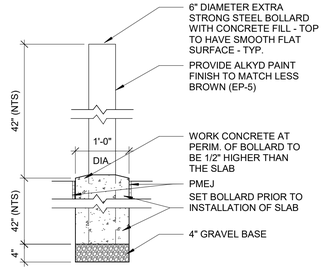


8 DOUBLE GATE POST
3/4" = 1'-0"

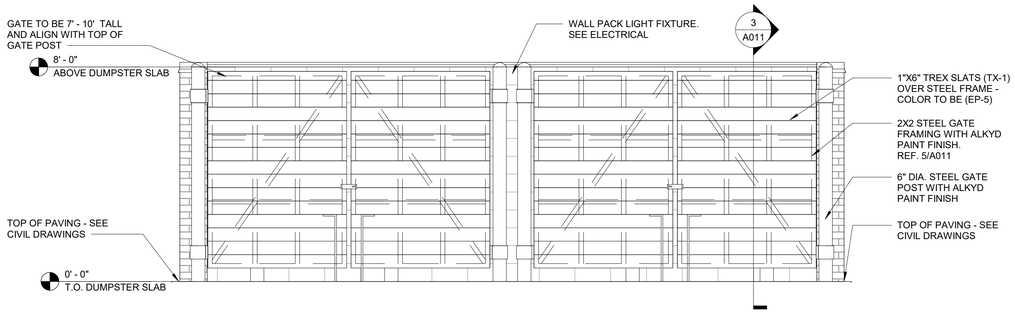
NOTE: GATE NOT SHOWN FOR CLARITY



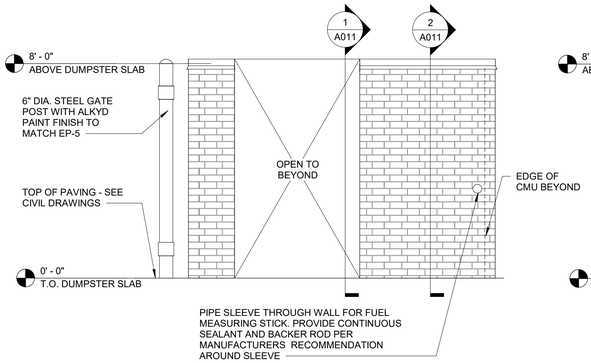
7 TYPICAL GATE POST
3/4" = 1'-0"



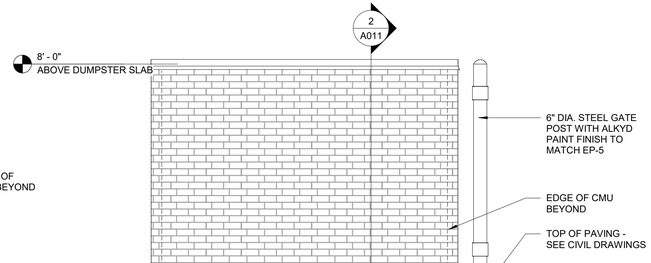
6 TYPICAL BOLLARD
3/4" = 1'-0"



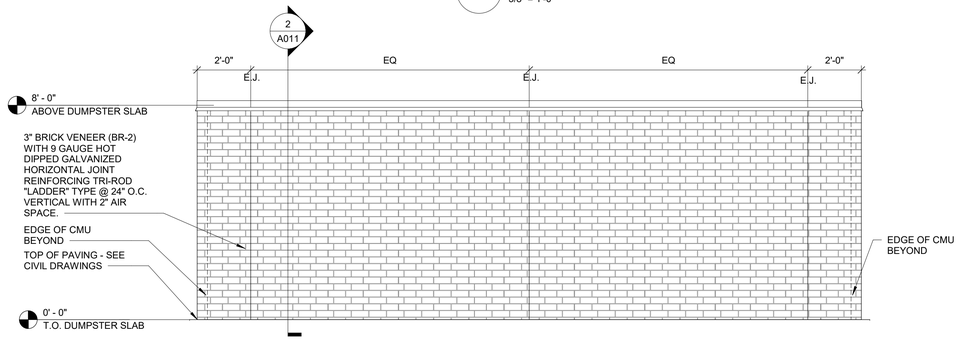
5 DUMPSTER ENCLOSURE FRONT ELEVATION
3/8" = 1'-0"



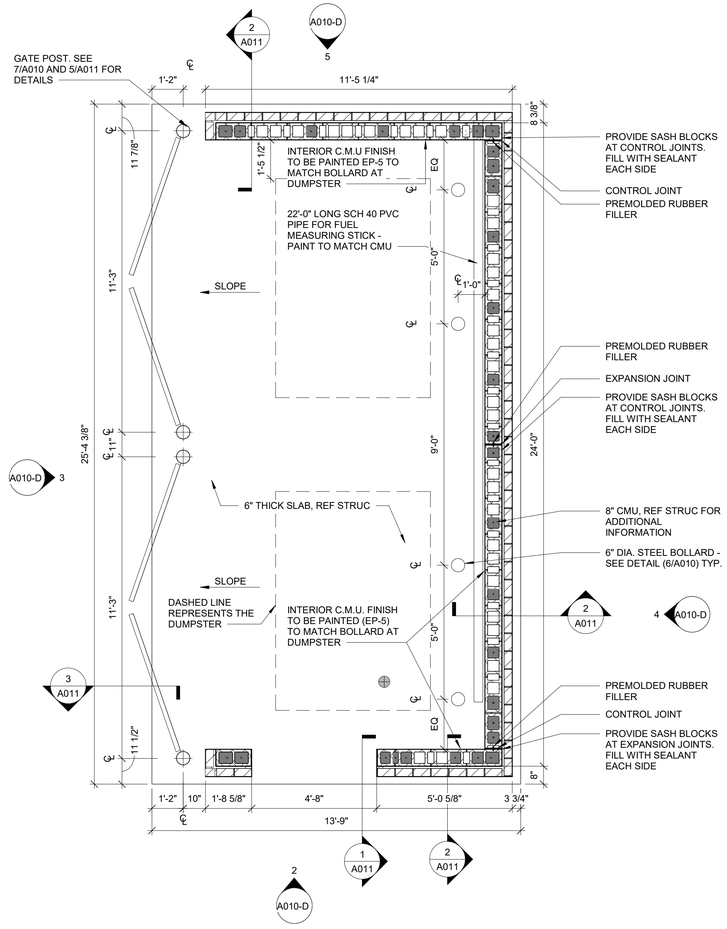
4 DUMPSTER ENCLOSURE SIDE ELEVATION
3/8" = 1'-0"



3 DUMPSTER ENCLOSURE SIDE ELEVATION
3/8" = 1'-0"



2 DUMPSTER ENCLOSURE REAR ELEVATION
3/8" = 1'-0"



1 TYPICAL DUMPSTER ENCLOSURE PLAN
3/8" = 1'-0"

RACEWAY
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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

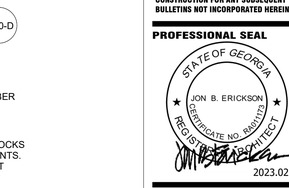
2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 DATE 03/29/22

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



2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

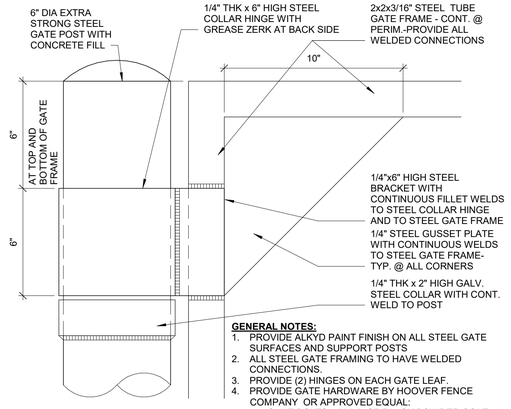
DUMPSTER ENCLOSURE PLAN

SHEET NUMBER

A010

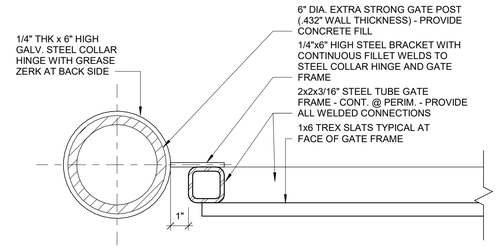
ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0202

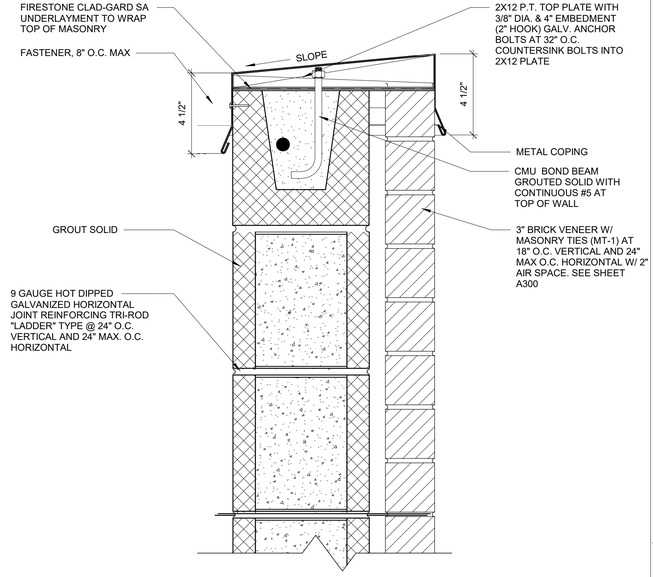


GENERAL NOTES:

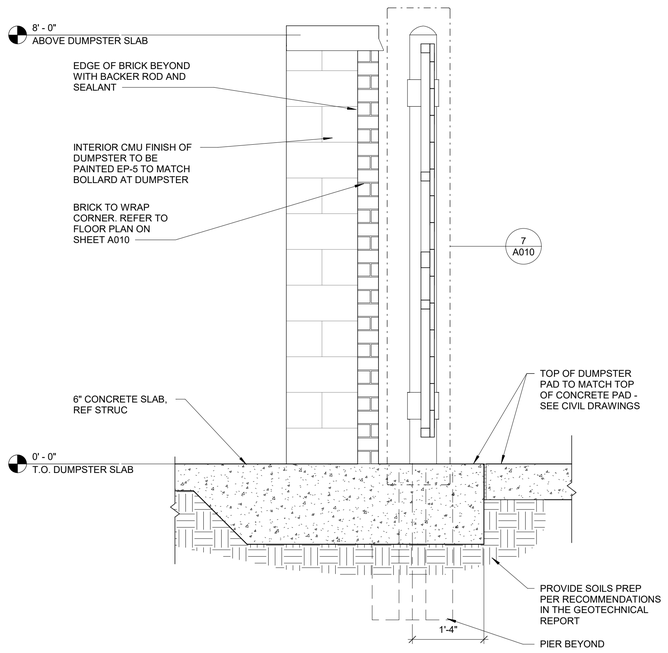
1. PROVIDE ALKYD PAINT FINISH ON ALL STEEL GATE SURFACES AND SUPPORT POSTS
2. ALL STEEL GATE FRAMING TO HAVE WELDED CONNECTIONS.
3. PROVIDE (2) HINGES ON EACH GATE LEAF.
4. PROVIDE GATE HARDWARE BY HOOVER FENCE COMPANY OR APPROVED EQUAL:
   1. CANE BOLTS: 5000-24SP BLACK POWDER COAT FINISH
   2. LATCH: FLIP LATCH NW6169-BK
5. DRILL 3/4" DIA. HOLE, 4" DEEP FOR CANE BOLT KEEPER FOR BOTH CLOSED AND OPEN GATE POSITIONS.



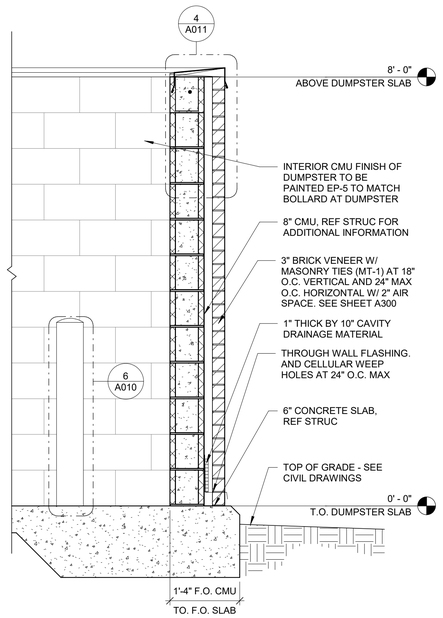
5 GATE POST DETAIL
3" = 1'-0"



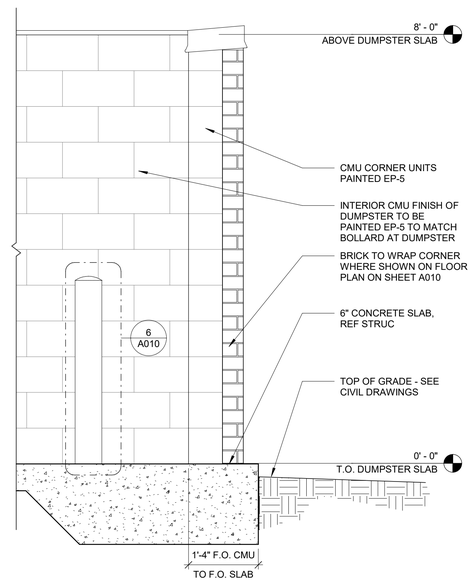
4 HEADWALL DETAIL
3" = 1'-0"



3 DUMPSTER FRONT WALL
3/4" = 1'-0"



2 DUMPSTER SIDE WALL
3/4" = 1'-0"



1 DUMPSTER SIDE WALL
3/4" = 1'-0"

RACEWAY

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA017170
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

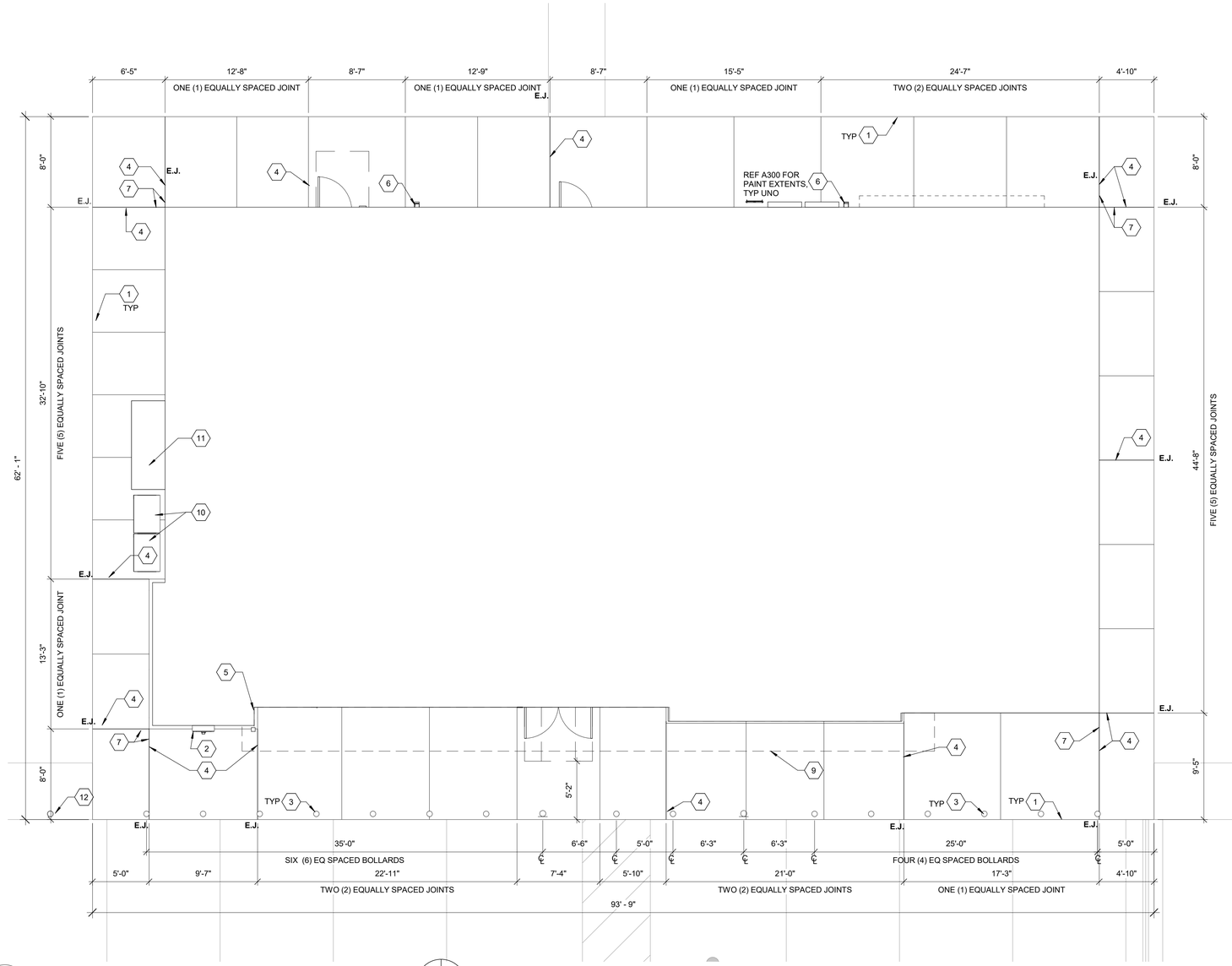
DUMPSTER ENCLOSURE DETAILS

SHEET NUMBER

A011

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s):

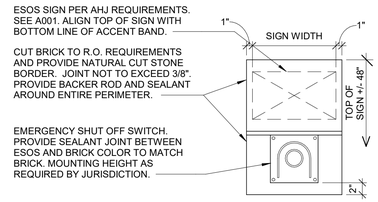


1 EXTERIOR SIDEWALK PLAN
3/16" = 1'-0"

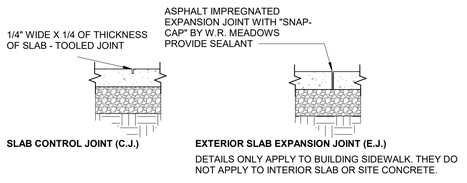
SIDEWALK PLAN LEGEND	
E.J.	EXPANSION JOINT
℄	CENTER LINE
○	BOLLARD
♿	HANDICAP PARKING SIGN, REF CIVIL

SHEET KEYNOTES ⓧ	
1	EDGE OF SIDEWALK TURN DOWN
2	EMERGENCY SHUT OFF SWITCH. REFER TO DETAIL ON SHEET A100
3	TRAFFIC BOLLARD. REFER TO DETAIL ON SHEET A100
4	SIDEWALK EXPANSION JOINT. REFER TO DETAIL ON SHEET A100
5	6"X6" DOWNSPOUT, TIE TO UNDERGROUND STORM, METAL TO MATCH SURROUNDING MATERIAL COLOR. SEE CIVIL FOR CONTINUATION.
6	3"X3" DOWNSPOUT, TIE TO UNDERGROUND STORM, SEE CIVIL FOR CONTINUATION.
7	ALIGN JOINT WITH 90 DEGREE TURN IN SIDWALK LAYOUT.
8	BIKE RACK. SEE CIVIL DRAWINGS FOR EXACT LOCATION.
9	DASHED LINE INDICATES ROOF/CANOPY ABOVE.
10	LOCATE PROPANE CAGE 5' AWAY FROM ANY ELECTRICAL OUTLET
11	OUTDOOR ICE MERCHANDISER.
12	BOLLARD, SEE CIVIL FOR EXTENSION OF SITE PLAN.
13	OUTDOOR ICE MERCHANDISER.

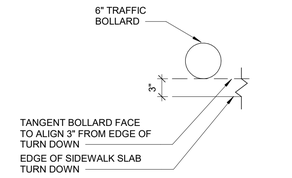
GENERAL NOTES
1. DO NOT SCALE PLANS.
2. THE CONTRACTOR SHALL HIRE A SURVEYOR TO LAYOUT THE BUILDING ON THE SITE IN ACCORDANCE WITH THE CIVIL CONSTRUCTION DOCUMENTS.
3. THE SURVEYOR AND CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY THE OWNER, ENGINEER AND ARCHITECT OF ALL DISCREPANCIES
4. THE CONTRACTOR SHALL PREPARE THE BUILDING PAD PER THE GEOTECHNICAL REPORT.
5. PROVIDE AND MAINTAIN LIGHTING, SITE FENCES, BARRICADES AND GUARD RAILS AS REQUIRED BY APPLICABLE REGULATORY ADVISORY TO PROTECT WORKERS AND PEDESTRIANS.
6. VERIFY FINAL LOCATION FOR ALL UITILITY AND PLUMBING ROUGH IN LOCATIONS WITH ELECTRICAL AND PLUMBING DRAWINGS.
7. VERIFY DOWNSPOUT LOCATIONS AND CONNECTIONS WITH CIVIL DRAWINGS.
8. CONTACT LOCAL FIRE MARSHAL FOR FIRE SERVICES REQUIREMENTS PRIOR TO CONSTRUCTION.
9. BURNING OF MATERIALS ON SITE IS NOT PERMITTED.
10. SEE PLUMBING SHEET P110 AND P120 FOR PLUMBING ROUGH IN DIMENSIONS.
11. REFER TO SITE PLAN FOR ORIENTATION OF BUILDING.
12. ALL JOINTS ARE CONTROL JOINTS UNLESS OTHERWISE STATED.
13. JOINTS BETWEEN COLD SLAB POURS SHALL BE DOWELED. SEE STRUCTURAL DRAWINGS. METAL KEYWAYS SHALL NOT BE USED.



4 EMERGENCY SHUT OFF
1" = 1'-0"



3 SIDEWALK JOINT DETAIL
1" = 1'-0"



2 BOLLARD LOCATION DETAIL
1" = 1'-0"

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA031173
REGISTERED ARCHITECT

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

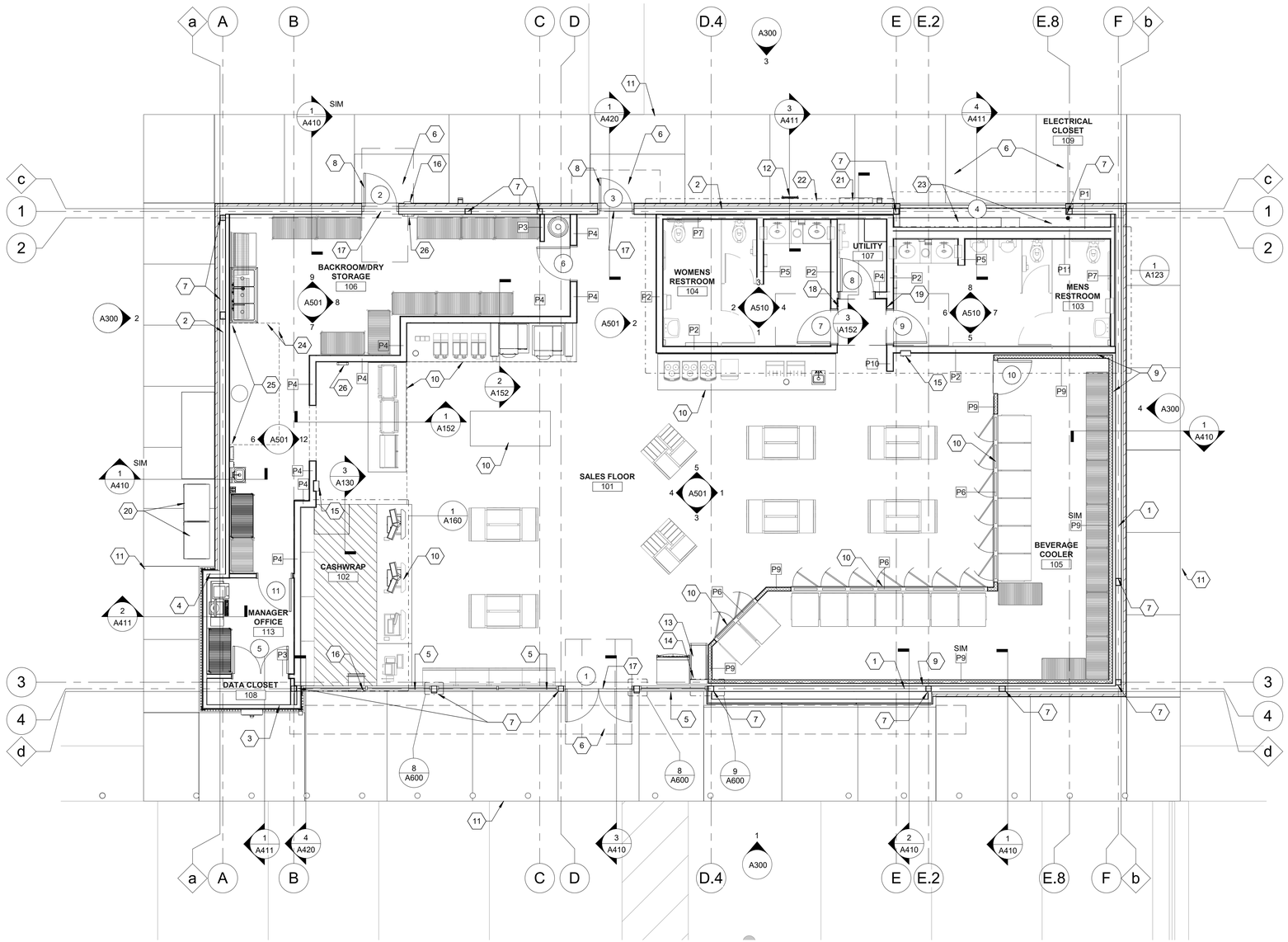
EXTERIOR SIDEWALK PLAN & DETAILS

SHEET NUMBER

A100

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0208



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

SHEET KEYNOTES (X)

1	6" METAL STUD FRAMING WITH MINIMUM R-19 BATT INSULATION.
2	6" METAL STUD FRAMING WITH MINIMUM R-19 BATT INSULATION AND 3 5/8" FURRING ON INTERIOR.
3	3 5/8" METAL STUD WITH MINIMUM R-19 BATT INSULATION
4	3 5/8" METAL STUD WITH MINIMUM R-19 BATT INSULATION AND 3 5/8" FURRING ON INTERIOR
4	6" METAL STUD FRAMING WITH MINIMUM R-19 BATT INSULATION AND 3 5/8" FURRING ON INTERIOR.
5	ALUMINUM STOREFRONT WINDOWS AND DOORS.
6	CONCRETE SIDEWALKS AT ALL EXTERIOR DOORS TO BE FLUSH WITH THE TOP OF INTERIOR SLAB. LANDING AREAS SHALL BE AT LEAST 5'-0". SLOPE NOT TO EXCEED 1:48 IN ANY/ALL DIRECTIONS.
7	STEEL COLUMN; REFER TO STRUCTURAL.
8	HOLLOW METAL DOOR AND FRAME.
9	2" MINIMUM AIR GAP AT REFRIGERATION WALLS.
10	MILLWORK AND REFRIGERATION EQUIPMENT BY RW. REFER TO EQUIPMENT PLAN FOR MORE INFORMATION.
11	LIMITS OF BUILDING SIDEWALK.
12	STEEL ROOF LADDER. REFER TO WALL SECTION.
13	ATM FLAG SIGN. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
14	MILLWORK INSTALLER TO PROVIDE SHELF FOR ROUTER BEHIND ATM.
15	FIRE EXTINGUISHER CABINET (F.E.C.) SEE EQUIPMENT PLAN FOR LOCATION.
16	INTERCOM CALL STATION RECESSED INTO EXTERIOR FINISH. SEE ELECTRICAL FOR MORE INFORMATION.

SHEET KEYNOTES

17	"EXIT" SIGN BY OWNER CONFORMING TO ADA SPECIFICATIONS AND MOUNTING HEIGHT.
18	"WOMEN" RESTROOM SIGN BY OWNER CONFORMING TO ADA SPECIFICATIONS AND MOUNTING HEIGHT.
19	"MEN" RESTROOM SIGN BY OWNER CONFORMING TO ADA SPECIFICATIONS AND MOUNTING HEIGHT.
20	LOCATE PROPANE CAGE 5' AWAY FROM ANY ELECTRICAL OUTLET
21	LOCATION OF ELECTRICAL SERVICE C/T AND METER
22	GENERATOR TAP BOX. REFER TO ELECTRICAL FOR LOCATION.
23	ELECTRICAL PANELS.
24	OUTLINE OF FUTURE FRYER HOOD ABOVE.
25	EXTENTS OF FUTURE STAINLESS STEEL WALL AND CEILING PANELS FOR FUTURE FRYER HOOD.
26	FLYLIGHT (GENIUS SPECTRA); TO BE INSTALLED BY GC PER MANUFACTURERS INSTRUCTIONS; SEE ELECTRICAL.

GENERAL NOTES

1. INTERIOR DIMENSIONS ARE FROM STUD TO STUD (UNO) AS INDICATED WITH AN ASTERISK(*).
2. REFER TO SITE PLAN FOR ORIENTATION OF BUILDING.
3. DO NOT SCALE PLANS.
4. ALL FINISH FLOOR ELEVATIONS TAKEN FROM TOP OF CONCRETE.
5. ALL INTERIOR METAL STUDS ARE 3-5/8" UNLESS NOTED OTHERWISE.
6. SEE ELECTRICAL DRAWINGS FOR EXIT SIGN & EMERGENCY LIGHT LOCATIONS.
7. EXTERIOR DIMENSIONS AT MASONRY WALLS ARE TO THE FACE OF BLOCK.
8. EXTERIOR DIMENSIONS AT METAL STUD FRAMING ARE TO FACE OF STUD.
9. ALL GYPSUM BOARD TO BE 5/8" THICK UNLESS OTHERWISE NOTED.
10. FOR PARTITION TYPES REFER TO SHEET A111.
11. PROVIDE BATT INSULATION FOR ALL EXTERIOR WALLS, TYPICAL.
12. LOCATE FIRE EXTINGUISHERS SUCH THAT ALL PORTIONS OF THE BUILDING ARE WITHIN 75 FEET TRAVEL DISTANCE OF AN EXTINGUISHER PER NFPA 10.

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DESIGN PROFESSIONALS

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA031175
REGISTERED ARCHITECT

2023.02.07

PROJECT NUMBER
22.765.00

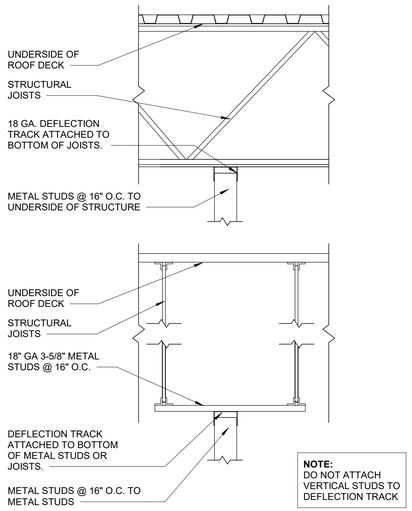
SHEET TITLE

FLOOR REFERENCE PLAN

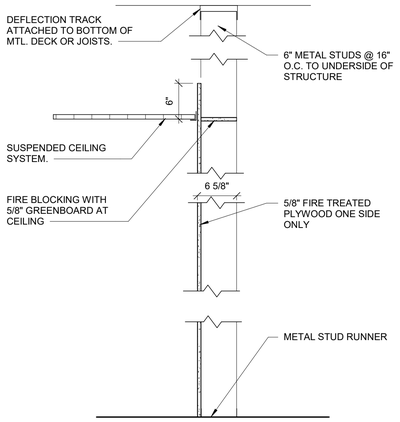
SHEET NUMBER

A110

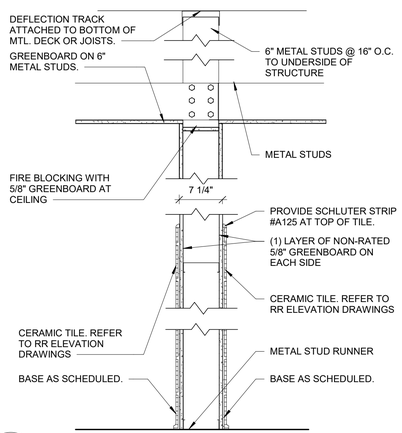
ISSUED FOR CONSTRUCTION



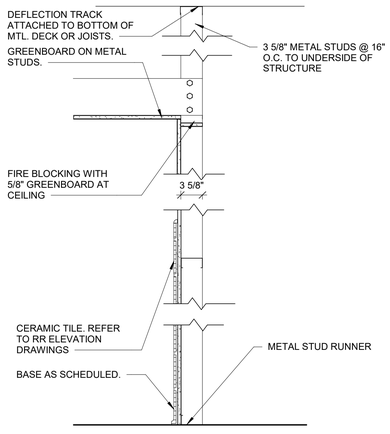
13 TYPICAL ATTACHMENT DETAILS
1" = 1'-0"



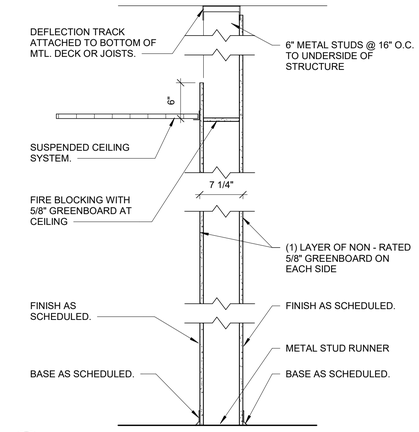
8 PARTITION TYPE P8
1" = 1'-0"



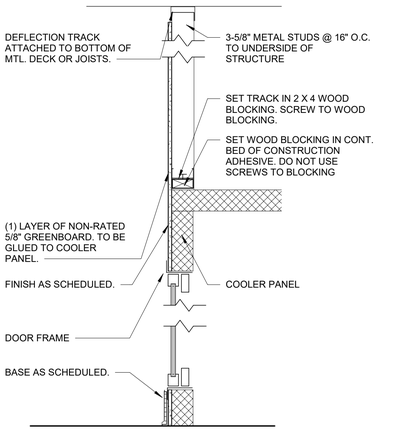
5 PARTITION TYPE P5
1" = 1'-0"



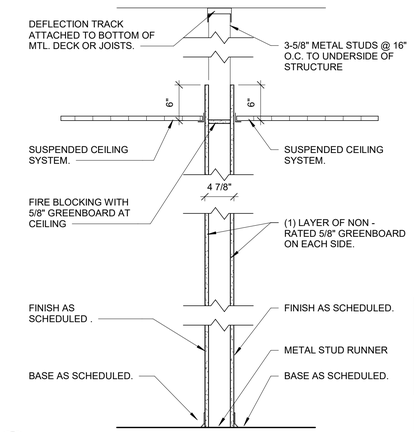
7 PARTITION TYPE P7
1" = 1'-0"



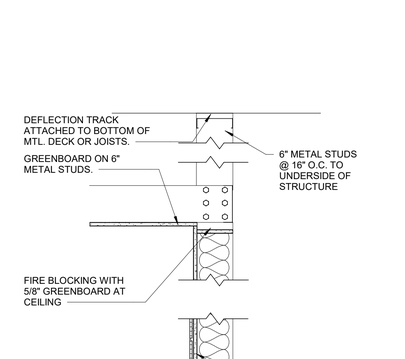
4 PARTITION TYPE P4
1" = 1'-0"



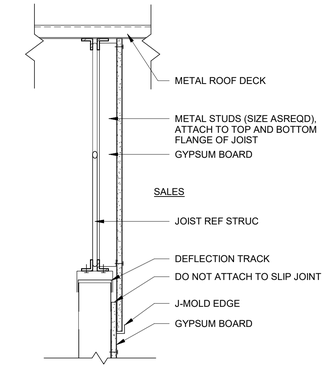
6 PARTITION TYPE P6
1" = 1'-0"



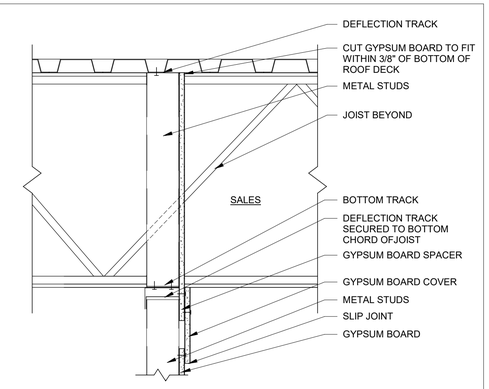
3 PARTITION TYPE P3
1" = 1'-0"



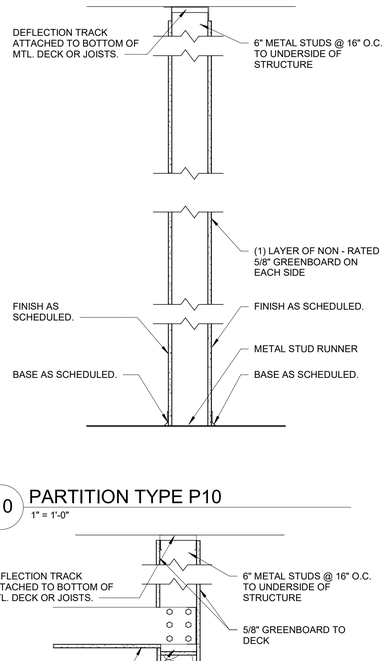
11 PARTITION TYPE P11
1" = 1'-0"



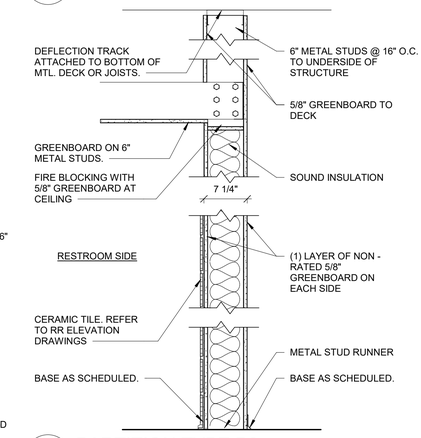
15 JOIST PARALLEL TO WALL
1 1/2" = 1'-0"



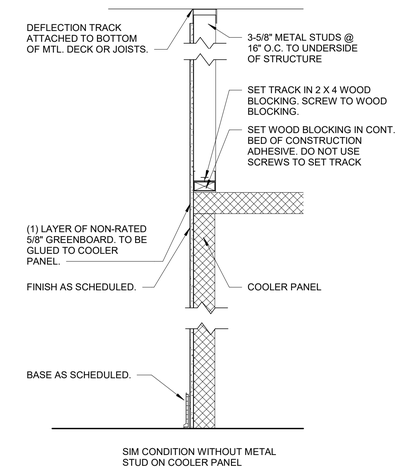
14 JOIST PERPENDICULAR TO WALL
1 1/2" = 1'-0"



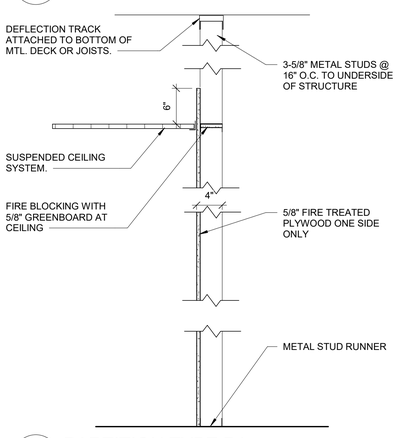
10 PARTITION TYPE P10
1" = 1'-0"



2 PARTITION TYPE P2
1" = 1'-0"



9 PARTITION TYPE P9
1" = 1'-0"



1 PARTITION TYPE P1
1" = 1'-0"

NOTE:
FIRE BLOCKING FOR 'TYPE V' CONSTRUCTION: FIRE BLOCKING SHOULD BE INSTALLED IN AREAS WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, CONCEALED SPACES OF THE STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES, AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS:
A. VERTICALLY AT THE CEILING
B. HORIZONTALLY AT INTERVALS NOT EXCEEDING 10'-0", PROVIDE 5/8" GREENBOARD.

NOTE: WHERE LIGHT GAUGE METAL FRAMING IS SHOWN IN THE ARCHITECTURAL DRAWINGS, PER"SHOP DRAWING NOTE" #1 AND #5 ON SHEET S000, ALL LIGHT GAUGE METAL FRAMING SIZES, BRIDGING, LATERAL BRACING, AND ALL CONNECTIONS ASSOCIATED WITH LIGHT GAUGE METAL FRAMING ARE TO BE DESIGNED BY A CONTRACTOR FURNISHED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT.

GENERAL NOTES

1. DO NOT SCALE PLANS.
2. ALL PARTITIONS ARE TO BE ATTACHED TO DEFLECTION TRACK AT THE BOTTOM CHORD OF THE ROOF JOIST OR METAL STUDS. NO PARTITIONS SHALL BE ANCHORED TO THE METAL ROOF DECK.
3. SEE SHEETS A500, A501 AND A502 FOR FINISHES.
4. SEE SHEET A150 FOR CEILING HEIGHTS AND MATERIAL.
5. USE 5/8" PLYWOOD IN LIEU OF GREENBOARD AS REQUIRED FOR SHELVING ATTACHMENT.
6. SEE A501 AND A502 FOR LOCATIONS OF PLYWOOD TO BE PROVIDED BEHIND WALL HUNG EQUIPMENT.
7. PROVIDE ADDITIONAL LAYER OF 1/4" GYPSUM BOARD OVER PLYWOOD WHERE WALL COVERING IS REQUIRED.
8. SEE EXTERIOR ELEVATIONS FOR EXTERIOR WALL TYPES.
9. SEE STRUCTURAL DRAWINGS FOR LIGHT GAUGE FRAMING REQUIREMENTS.

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84
BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. 040175
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

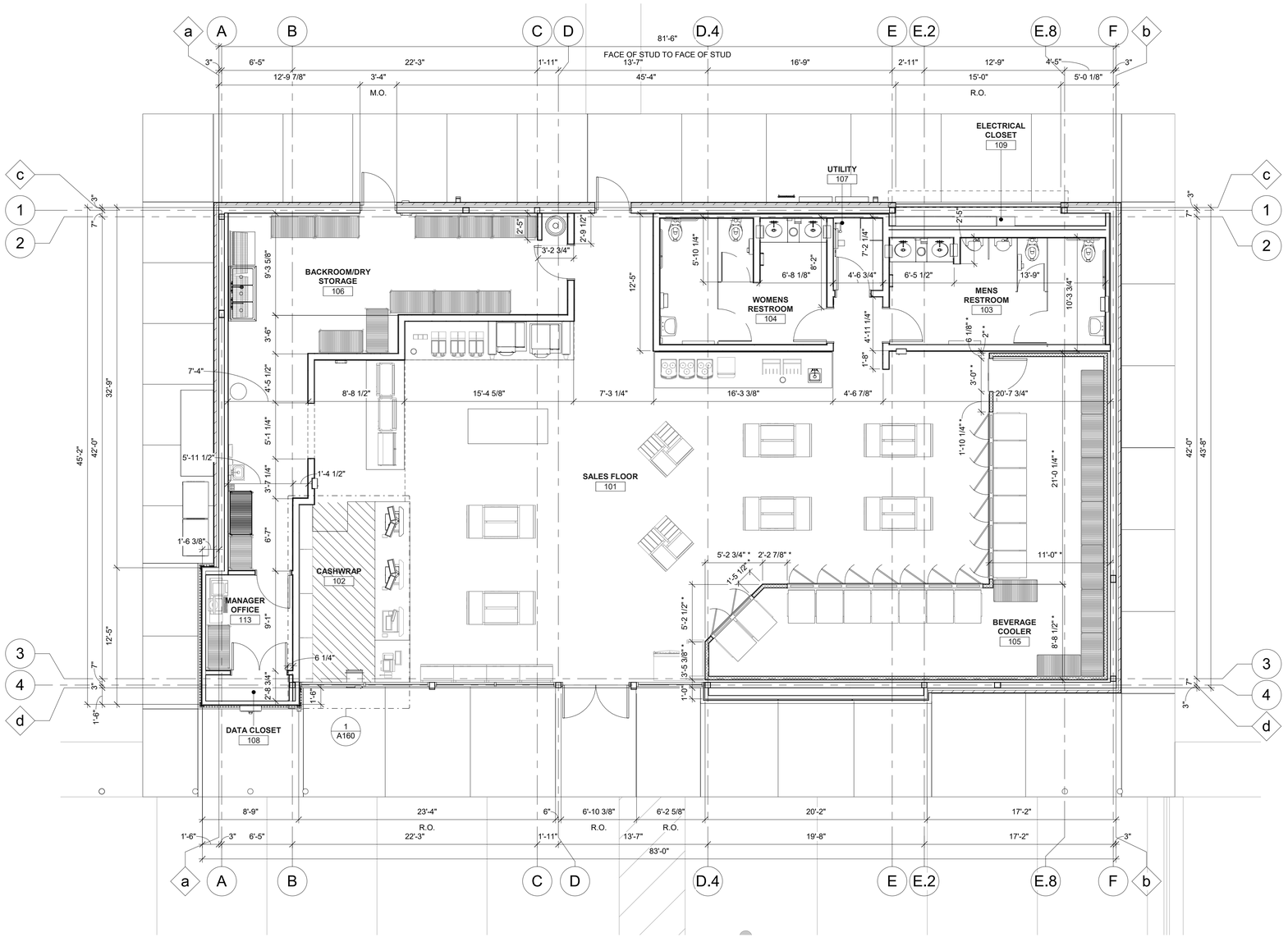
PARTITION TYPES

SHEET NUMBER

A111

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0208



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

FLOOR DIMENSION PLAN LEGEND	SHEET KEYNOTES ⓧ	GENERAL NOTES
M.O. MASONARY OPENING		1. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE (U.N.O) AS INDICATED WITH AN ASTERISK (*). 2. ALL DIMENSIONS NOTED TO BE FIELD VERIFIED ARE CRITICAL TO THE FLOOR PLAN LAYOUT. G.C. TO FIELD VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT WITH ANY DISCREPANCIES.

RACEWAY

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RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA017170
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

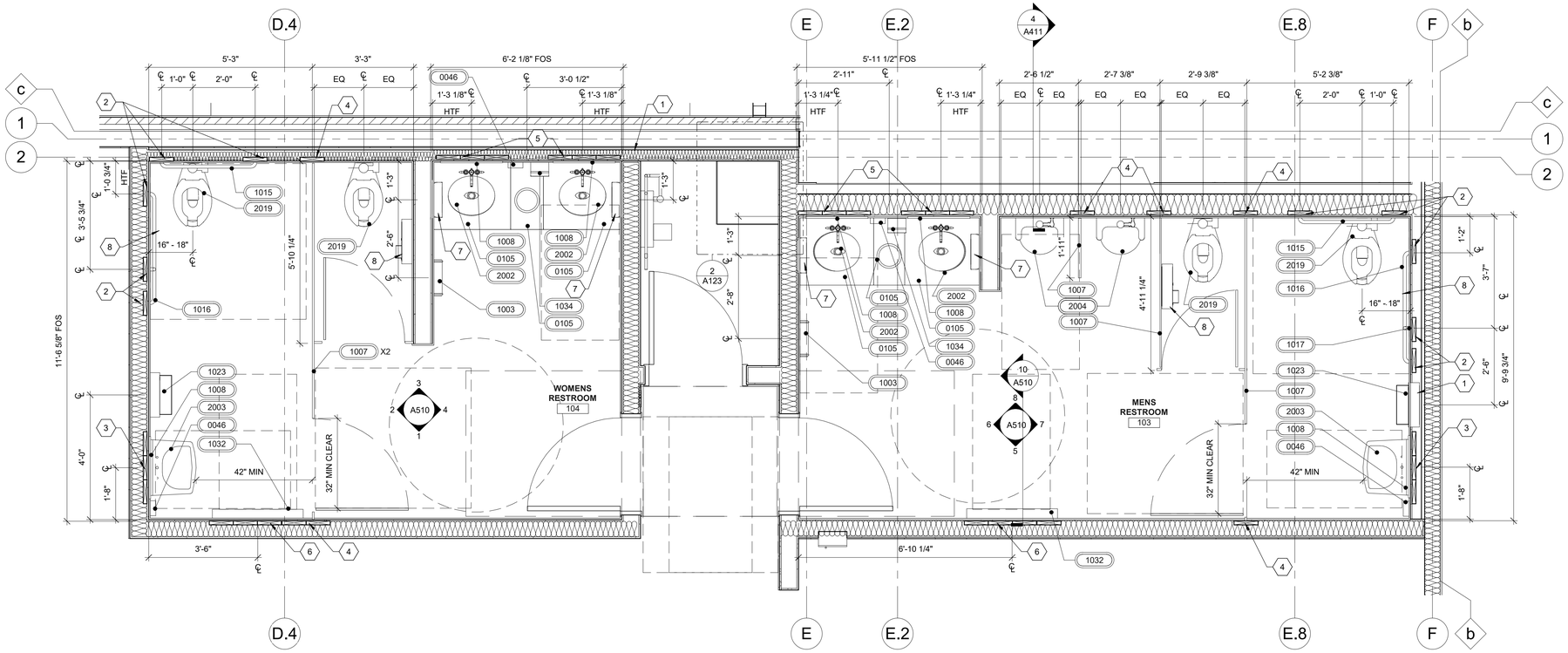
FLOOR DIMENSION PLAN

SHEET NUMBER

A120

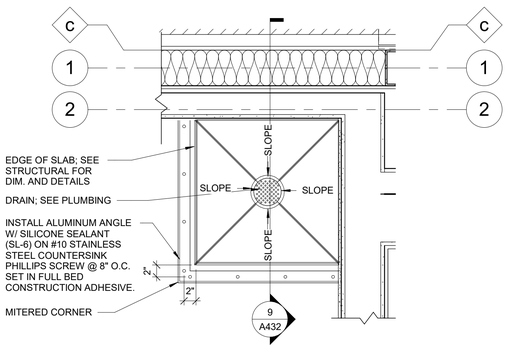
ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0208



1 RESTROOM FLOOR PLANS

1/2" = 1'-0"



2 DETAIL AT RESTROOM MOP SINK

1" = 1'-0"

ENLARGED RESTROOM PLAN LEGEND

HTF HOLD TO FINISH
FOS FACE OF STUD

SHEET KEYNOTES (X)

1. FUR OUT WALL WITH 3 5/8" METAL STUDS FLUSH WITH 6" PERIMETER STUDS TO ACCOMMODATE RESTROOM ACCESSORIES AND FIXTURES.
2. PROVIDE 2X10 BLOCKING FOR GRAB BARS. INSTALL PER MANUFACTURERS RECOMMENDATIONS. SEE A510 FOR HEIGHT.
3. PROVIDE 2X10 BLOCKING FOR ADA SINK. INSTALL PER MANUFACTURERS RECOMMENDATIONS
4. PROVIDE 2X10 BLOCKING FOR PARTITION. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
5. PROVIDE 2X10 BLOCKING WITH BOTTOM MOUNTED AT 28" AFF FOR SINK AND COUNTERTOP. INSTALL PER MANUFACTURERS RECOMMENDATIONS
6. PROVIDE 2X10 BLOCKING FOR BABY CHANGING STATION. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
7. OPERATOR PROVIDED, GC INSTALLED; WALL-MOUNTED PACIFIC BLUE ULTRA MECHANICAL HIGH-CAPACITY PAPER TOWEL DISPENSER STARTER KIT, #59589 WITH #26496 PAPER TOWEL ROLL, INSTALLED PER MANUCATURER INSTRUCTIONS.
8. OPERATOR PROVIDED, GC INSTALLED; WALL-MOUNTED ASI LOW PROFILE SURFACE JUMBO-ROLL TOILET TISSUE DISPENSER #0039; INSTALLED PER MANUCATURER INSTRUCTIONS.

GENERAL NOTES

1. ALL DIMENSIONS ARE TAKEN TO FACE OF FINISH UNLESS NOTED OTHERWISE.
2. WHEN INSTALLED AT THE LOCATIONS AND MOUNTING HEIGHT INDICATED, THE SPECIFIED FIXTURES PROVIDE FOR CLEAR SPACES, CLEARANCES AND MOUNTING HEIGHTS SHALL BE IN COMPLIANCE WITH APPLICABLE ACCESSIBILITY CODES.
3. INSTALL ACCESSORIES AND LIGHT FIXTURES WITH SCREWS OR BOLTS EXTENDING AT LEAST 1" INTO SOLID BLOCKING.
4. GREEN BOARD CEILING TYPICAL.
5. FOR TOILET ACCESSORIES, SEE EQUIPMENT SCHEDULE ON SHEET A141. FOR PLUMBING FIXTURES, SEE EQUIPMENT SCHEDULE 2000 SERIES.
6. INSTALLED TILE TO HAVE A MAX. GROUT JOINT OF 1/8". SEE FINISH SCHEDULE A500 FOR COLORS.
7. PROVIDE BLOCKING BEHIND ALL ACCESSORIES.
8. TOILET STALL DOOR FRAME ASSEMBLY SHALL BE SECURED TO PARTITION WALL STRUCTURE. DOOR FRAME SHALL BE MOUNTED DIRECTLY TO 3-5/8" METAL STUD FRAMING FOR STRUCTURAL SUPPORT.
9. REFER TO ELEVATIONS 1/A510 & 5/A510 FOR SURFACE MOUNTED BABY CHANGING STATION LOCATION. BABY CHANGING STATIONS SHALL COMPLY WITH 902 OF ADA 2010. PROVIDE 2X10 BLOCKING FOR BABY CHANGING STATION. INSTALL PER PRODUCT MANUFACTURERS RECOMMENDATIONS.
10. INSULATE P-TRAPS AND TAIL PIECES AND EXPOSED HOT WATER PIPES WITH PREMOLDED INSULATION WITH WHITE PVC FINISH.
11. SEE SECTIONS IN A400 SERIES FOR EXTERIOR WALL INFORMATION.
12. THE MOUNTING HEIGHT FOR THE COAT HOOK AT THE ACCESSIBLE STALLS SHOULD BE AT 48" MAX TO THE TOP OF COAT HOOK. PER 2010 ADA.
13. ACCESSIBLE TOILET PARTITION DOORS SHALL BE EQUIPPED WITH A LOOP HANDLE ON BOTH SIDES OF THE DOOR IMMEDIATELY BELOW THE LATCH, NOT TO EXCEED 48" A.F.F. MAX. INSTALL IN COMPLIANCE WITH 404.2.7 OF ADA 2010.
14. ALL TOWEL DISPENSERS AND TOILET PAPER DISPENSERS TO BE SURFACE MOUNTED.

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RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. 040175
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

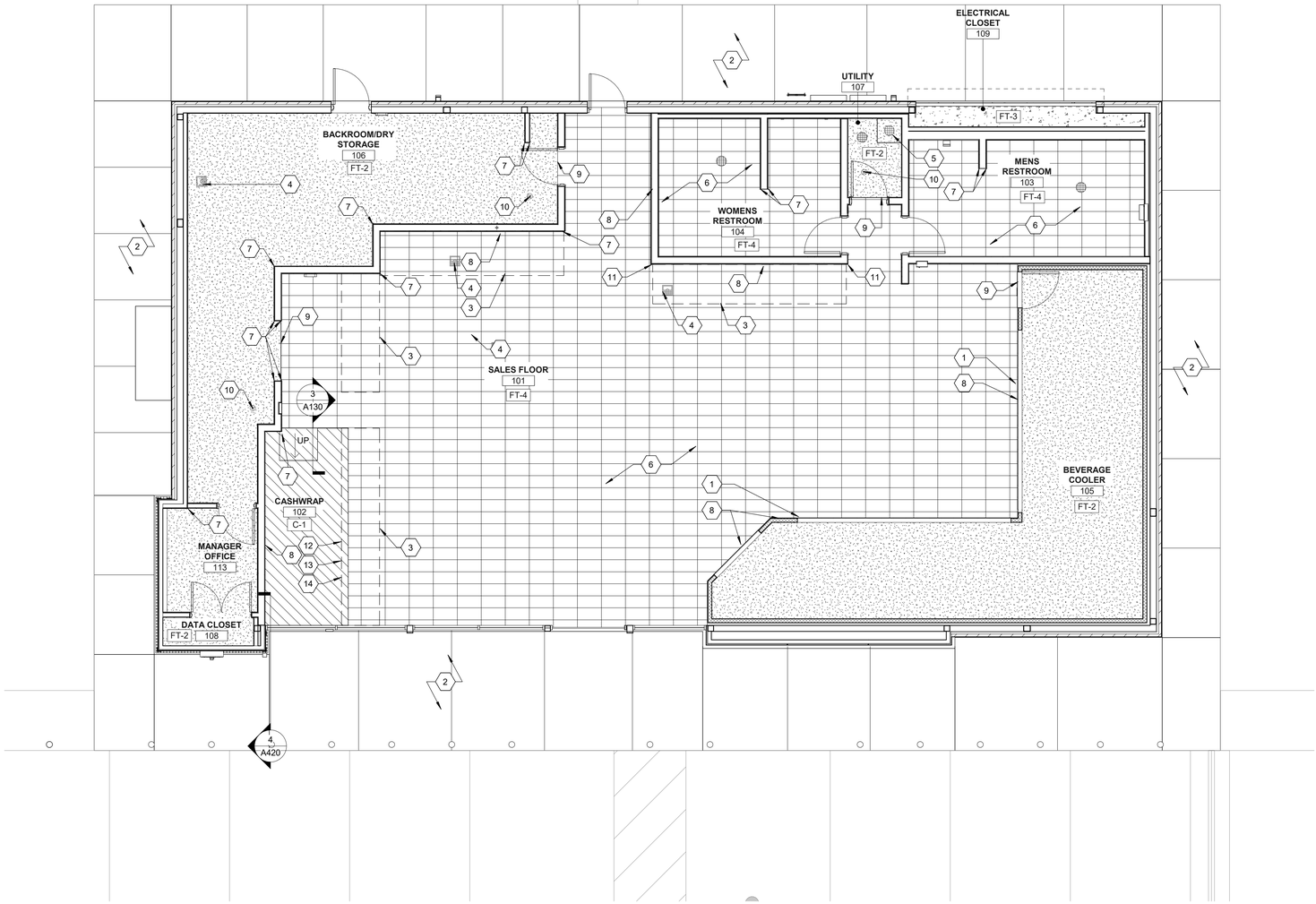
RESTROOM ENLARGED PLAN

SHEET NUMBER

A123

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s):



1 FLOOR FINISH PLAN

3/16" = 1'-0"

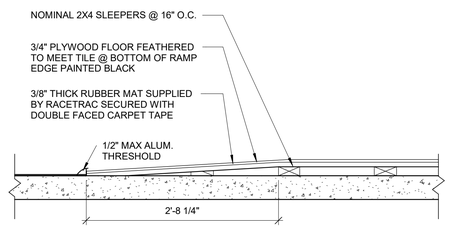
FLOOR FINISH LEGEND		
	FT-2	HAZE GRAY ARMORSEAL 1000 EPOXY FLOOR COATING
	FT-3	CONCRETE
	FT-4	PORCELAIN TILE: DALTILE VOLUME 1 - ELECTRIC MOSS - VL79 12"x24". LAY TILE IN STRAIGHT STACKED PATTERN.
	C-1	RAISED WOOD PLATFORM W/ ANTI-FATIGUE MAT. PAINT PLATFORM SRUFACE BLACK (ANTI-FATIGUE MAT FURNISHED BY RACETRAC INSTALLED BY G.C.) SEE 6/A130 FOR CASH WRAP FLOOR.

REFER TO INTERIOR FINISH SCHEDULE ON A500 FOR FINISHES AND FINISH COLORS.

SHEET KEYNOTES (X)	
1	FLOOR FINISH TO EXTEND TO FACE OF MILLWORK AND REFRIGERATION EQUIPMENT.
2	CONCRETE SIDEWALK WITH LIGHT BROOM FINISH (A100).
3	LINE OF MILLWORK.
4	FLOOR SINK. SLOPE FLOOR TOWARDS DRAIN WHERE DRAIN OCCURS AT FLOOR TILE, REF PLUMBING PLANS FOR LOCATION.
5	MOP SINK.
6	LAY TILE IN STRAIGHT STACKED PATTERN
7	PROVIDE WELLGUARD CORNER GUARD. 8'-0" HIGH DEFENDER SERIES 2340. 1" UNDRILLED WITH ADHESIVE.
8	WALL COVERING. REF INTERIOR ELEVATIONS.
9	FLOOR TRANSITION, REF 2/A130
10	FLOOR CLEAN OUT. REF PLUMBING PLANS FOR LOCATION.
11	PROVIDE WELLGUARD CORNER GUARD SERIES 2340. 1" UNDRILLED WITH ADHESIVE. APPLY UP ENTIRE WALL.
12	CONSTRUCT WOOD PLATFORM AFTER COUNTER IS INSTALLED.
13	SALES FLOOR FINISH NOT TO EXTEND UNDER PLATFORM.
14	PROVIDE ACCESS IN WOOD PLATFORM FOR ELECTRICAL CONDUIT FROM FLOOR JUNCTION BOXES TO POINT OF TERMINATION IN SALES COUNTER.

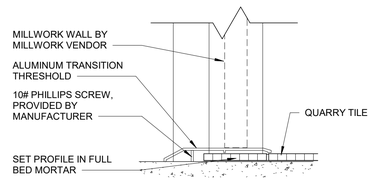
GENERAL NOTES

1. DO NOT SCALE PLANS.
2. ALL FINISH FLOOR ELEVATIONS TAKEN FROM TOP OF TILE.
3. ALL GYPSUM BOARD TO BE 5/8" THICK UNLESS OTHERWISE NOTED.
4. EXPOSED EDGES OF TILE TO BE BULLNOSE.
5. REFER TO WALL ELEVATIONS FOR ALL HEIGHTS.
6. ALL INTERIOR FINISHES SHALL BE A MINIMUM OF CLASS A OR B MAX. FLAME SPREAD 25-75. MAX SMOKE DEVELOPED 0-450.
7. TREAT ALL SLAB SAW CUTS AND COLD JOINTS WITH LATICRETE CRACK SUPPRESSION KIT. FOLLOW MANUFACTURES RECOMMENDED INSTALLATION PROCEDURES FOR FLOOR PREP FOR ALL FLOOR FINISHES.
8. INSTALLER TO DRAW FLOOR TILES FROM NOT LESS THAN (6) BOXES AT A TIME TO ENSURE UNIFORM COLOR DISTRIBUTION. DO NOT APPLY ANY TYPE OF POLYURETHANE, SEALER WAX TYPE OF FLOOR FINISH TO COMPLETED TILE WORK.
9. SEE COVER SHEET FOR TILE PURCHASING REQUIREMENTS.



3 RAMP DETAIL

1" = 1'-0"



2 TILE TRANSITION

3" = 1'-0"

RACEWAY

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DESIGN PROFESSIONALS

HILLFOLEYROSSI & ASSOCIATES

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. 040110
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

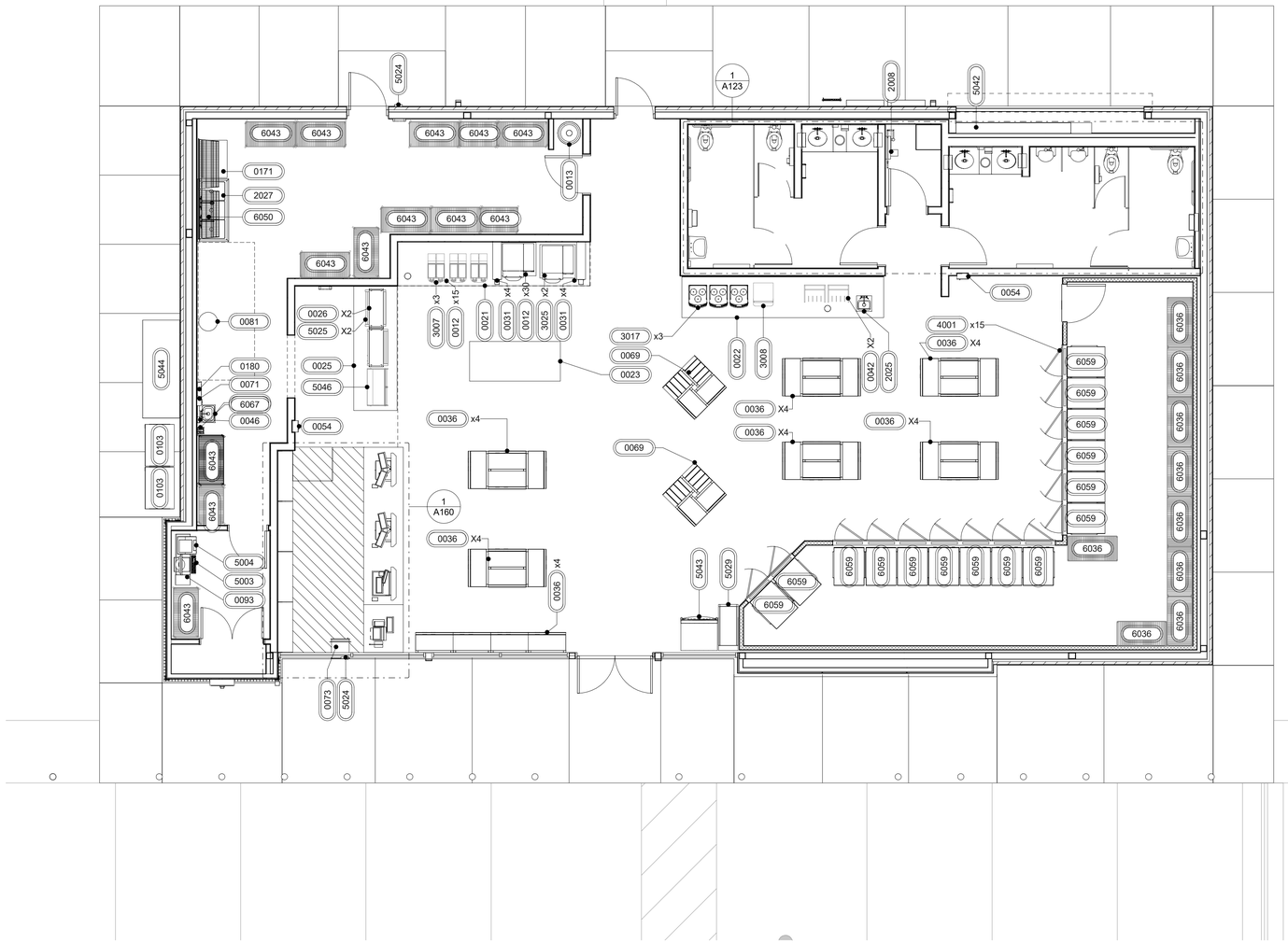
FLOOR FINISH PLAN

SHEET NUMBER

A130

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0208



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

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GEORGIA
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RACETRAC STORE NUMBER

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PROTOTYPE SERIES

2022 S MO 0120

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PROFESSIONAL SEAL

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA031173
REGISTERED ARCHITECT

2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

FLOOR FIXTURE AND EQUIPMENT PLAN

SHEET NUMBER

A140

ISSUED FOR CONSTRUCTION

EQUIPMENT SCHEDULE

ITEM NO.	RISER TAG	QTY.	DESCRIPTION	FURN BY	INST BY	MANUFACTURER	MODEL	ARCHITECTURAL REMARKS
0000 SERIES – GENERAL EQUIPMENT AND MILLWORK								
0012	-	15	SYRUP PUMP	RT	VENDOR	FLO-JET	N5000	-
0013	-	1	BULK CO2 (550 lb)	RT	VENDOR	NuCO2	BULK 550	-
0017	-	1	DOME LID DISPENSER	RT	RT	DISPENSE-RITE	CTLD-15	-
0021		1	FOUNTAIN TOWER	RT	VENDOR	REDICO INC	FAB	
0022		1	COFFEE POUR BAR	RT	VENDOR	REDICO INC	FAB	
0023		1	PREP ISLAND	RT	VENDOR	REDICO INC	FAB	
0025		1	FOOD BAR	RT	VENDOR	REDICO INC	FAB	
0026	-	2	ROLLER GRILL SNEEZE GUARD	RT	VENDOR	MILLWORK	FAB	-
0030		1	CASH WRAP	RT	VENDOR	REDICO INC	FAB	
0031	-	8	CUP DISPENSER	RT	VENDOR	SAN JAMAR	C2410	-
0036		28	FLOOR GONDOLA AND SHELVING	RT	GC	ROYSTON	CUSTOM	
0042	-	2	COFFEE STAND	OP	GC	-	-	-
0046	-	5	SOAP DISPENSER	OP	GC	DEB	-	-
0054	-	2	FIRE EXTINGUISHER CABINET	RT	GC	AMBASSADOR	1017-F-10	-
0067	-	3	PLASTIC BAG HOLDER	RT	GC	HILEX POLY CO.	7773033	-
0069	-	2	4-WAY MERCHANDISERS	RT	GC	ROYSTON	CUSTOM	-
0071	-	1	HAND SANITIZER DISPENSER	RT	GC	DEB	TF2AZU	-
0072		1	LOTTO TICKET TERMINAL AND PRINTER	RT	VENDOR	ALTURA VISION	-	-
0073	-	1	PACKAGE PASSER	RT	GC	LYONS	CUSTOM	PAINT TO MATCH ADJACENT STOREFRONT FINISH
0081	-	1	TRASH CAN W/ DOLLY	RT*	RT*	ULINE	H-1045, H-1051	*(1) MILLWORKER PROVIDED AND INSTALLED
0093	-	1	FILING CABINET DESK	RT	GC	WINDSOR FIXTURES	CUSTOM	-
0103	-	2	PROPANE CAGE	RT	VENDOR	PINNACLE	CUSTOM	CAGE COMES IN 12 AND 18 BUT WILL BE SITE SPECIFIC
0105	-	6	VANITY CABINET	RT	VENDOR	WINDSOR FIXTURES	CUSTOM	-
0129	-	3	CIGARETTE PACK PUSHER	RT	GC	IMAGE WORKS	05002	-
0144	-	3	CASHWRAP SHROUD	RT	GC	NEW ENGLAND WIRE	RAC10080A-1	-
0171	-	1	STAINLESS STEEL PREP TABLE	RT	VENDOR	SPG	SKS-003030-01	-
0180	-	1	TOWEL DISPENSER (MOTION ACTIVATED)	OP	GC	TORK	552528	-
0187		1	WALL MOUNTED EQUIPMENT PLATFORM	GC	GC	HOLDRITE	50-SWHP-W	
1000 SERIES – TOILET ACCESSORIES								
1003	-	2	HAND DRYER	RT	GC	BOBRICK	B-7128	-
1007	-	5	RESTROOM BARRIER	RT	GC	-	-	PROVIDE COAT HOOK: BRADLEY 932 DOUBLE ROBE HOOK, 626 FINISH, MOUNT AT 48 INCHES AFF.; FINISH TO BE PHENOLIC - DOVE GRAY 3010
1008	-	6	24(INCH) X 36(INCH) MIRROR	RT	GC	-	-	-
1015	-	2	36(INCH) GRAB BAR	RT	GC	ASI	3700	-
1016	-	2	42(INCH) GRAB BAR	RT	GC	ASI	3700	-
1017	-	2	18(INCH) GRAB BAR	RT	GC	ASI	3700	-
1023	-	2	TOWEL AND WASTE RECEPTACLE COMBINATION	OP	GC	ASI	0469-9	-
1032	-	2	BABY CHANGING STATION	RT	GC	FOUNDATIONS	100-EH 5210089	COLOR - GRAY
1034	-	2	DEGREASER DISPENSER	RT	GC	GOJO	PRO TDX 2000	-
2000 SERIES – BUILDING PLUMBING								
2002	LAV	4	VANITY SINKS	RT	GC	KOHLER	K-2611	FAUCET: ZURN Z6930-XL-F-CWB-TMV-1
2003	HLAV	2	LAVATORY FOR ACCESSIBLE STALLS (HARD WIRED FAUCET)	RT	GC	ZURN	Z5341	FAUCET: ZURN Z6930-XL-F-CWB-TMV-1
2004	UR	2	URINAL	RT	GC	ZURN	Z5755-U	FLUSH VALVE: ZURN ZEMS6003AV-ULF-VP
2005	MS	1	MOP SINK FAUCET	RT	GC	ZURN	Z1996-SF	PROVIDE FD-2 FOR MS
2008	WF	1	WATER FILTER SYSTEM	RT	GC	EVERPURE	ENDURANCE HIGH FLOW TRIPPLE: EV9437-31	XC PLUS SYSTEM. GC SHALL VERIFY REQUIRED WATER PRESSURE FOR WATER FILTER SYSTEM WITH FILTER MANUFACTURER AND PROVIDE BOOSTER PUMP AS REQUIRED.
2019	WC	4	WATER CLOSET	RT	GC	ZURN	Z5665-BWL WITH TOP SPUD AND Z5955SS-EL	FLUSH VALVE: ZURN Z5665-BWL
2020	WF	2	BEAN TO CUP WATER FILTER	RT	GC	3M	HF40-S	CUNO MODEL #6213003 FILTER PROVIDED BY RT
2024	HS	1	HAND SINK	RT	GC	SPG	EHS-1RL	-
2025	HS	1	COFFE BAR HAND SINK	RT	GC	ELKAY	HD320874LFR	LK2477CR FAUCET AND DRAIN
2027	SK3	1	THREE COMPARTMENT SINK	RT	GC	SPG	SKS-003030-01	T&S BRASS B231 FAUCET AND T&S BRASS B-0133-B SPRAYER
3000 SERIES – ELECTRICAL EQUIPMENT WITH PLUMBING								
3007	-	3	GRANITA MACHINE	OP	VENDOR	BUNN	ULTRA II CFV	-
3008	-	1	CAPPUCCINO DISPENSER - 5 HEAD	OP	GC	BUNN	IMIX-5	-
3013	EWH	1	WATER HEATER (50 GAL - SHORT)	RT	GC	RHEEM	ES50-18-G	PROVIDE AMTROL ST-5 2 GALLON EXPANSION TANK.
3017	-	3	BEAN TO CUP COFFEE MACHINE	RT	GC	SCHAERER	ART C TOUCH 3G	-
3025		2	COCA COLA FREESTYLE	OP	OP	COCA COLA	FREESTYLE 7100	
4000 SERIES – REFRIGERATION								
4001	-	15	COOLER #1 DISPLAY DOOR	RT	GC	ANTHONY	INFINITY	HANDLES
4161	-	2	ALCH-NONALCH COOLER CONDENSER	RT	GC	BOHN	BCH0025MCALZA0400	-
4162	-	4	REACH IN COOLER EVAPORATOR	RT	GC	BOHN	BEC0175AS7AMA	-
5000 SERIES – ELECTRIC EQUIPMENT WITHOUT PLUMBING								
5002	-	1	INTERCOM ESCO	RT	GC	ESCO	TMK-3112	-
5003	-	1	COMPUTER SYSTEM	RT	RT	-	-	-
5004	-	1	FAX/PRINTER	RT	RT	-	-	-
5005	-	1	TANK MONITOR	RT	GC	VEEDER-ROOT	TLS-450 PLUS	-
5008	-	1	CASH DRAWER	RT	GC	APG	-	POWERED BY UPS
5009	-	3	POINT OF SALE TERMINAL	RT	RT	RADIANT	P1560	POWERED BY UPS
5010		3	POINT OF SALE SCANNER	RT	RT	MOTOROLA	DS9808	POWERED BY UPS
5011		3	POINT OF SALE PRINTER	RT	RT	BIXOLON	SRP-350PLUSII	POWERED BY UPS
5012	-	3	UPS POWER SUPPLY	RT	GC	ONEAC	ONE254AG-SE	-
5016	-	4	CIGARETTE MERCHANDISER	RT	VENDOR	IMAGEWORKS	CUSTOM	SLIDERS TO BE USED
5024	-	2	INTERCOM CALL BOX	RT	GC	ESCO	SPK-1003	-
5025	-	2	ROLLER GRILL	OP	GC	STAR	50SCE	-
5029	-	1	AUTOMATED TELLER MACHINE (ATM)	RT	GC	NCR	SELFSERV 22	-
5039		10	VARIABLE FREQUENCY CONTROLLER	RT	GC	FE PETRO	MAGVFC	-
5041		4	SECURITY MONITORS	RT	GC	SAMSUNG		
5042	-	1	UNITIZED PANEL SYSTEM	RT	GC	SCHNEIDER-ELECTRIC	CUSTOM	-
5043	-	1	INSTANT TICKET VENDING MACHINE (GA)	RT	GC	-	-	-
5044	-	1	ICE MERCHANDISER	VENDOR	VENDOR	REDDY ICE	-	-
5046	-	1	HOT CASE	OP	GC	VENDO	COMBO SERVE HFDC	-
5055	-	1	POWER CONVERTER	RT	GC		P60000-HW6	-
5074		3	POS BATTERY BACKUP	RT	GC	GTS	ABCEG251-11	-
5098		1	PANIC BUTTON	RT	RT	HUB	HUB2SA	-
5101		1	EMERGENCY FUEL SHUTOFF	RT	RT	-	EM04C	-
5109	-	1	BIO BLENDING SYSTEM	RT	GC	JUNGE	-	-
5155	-	2	COMDATA SMART SOLUTIONS	RT	RT	COMDATA	SMARTDESQ	POWERED BY UPS
6000 SERIES – STORAGE SHELVING								
6036	-	9	STORAGE SHELVING (24 x 48 x 72)	RT	VENDOR	SPG	SUS5T2448	-
6043	-	13	STORAGE SHELVING (24 x 48 x 78)	RT	VENDOR	SPG	SUM4T2448	-
6050	-	1	GRID WALL SHELVING (36 X 96)	RT	VENDOR	SPG	WST1778E	-
6059	-	15	SODA/BEER SHELVING 30x36	RT	GC	BOF	VERSA ROLL	-
6067	-	1	GLOVE/HAIR NET HOLDER	RT	VENDER	SPG	GBH359-344E	-

APPLICABLE SPB(s): 2022.0208

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

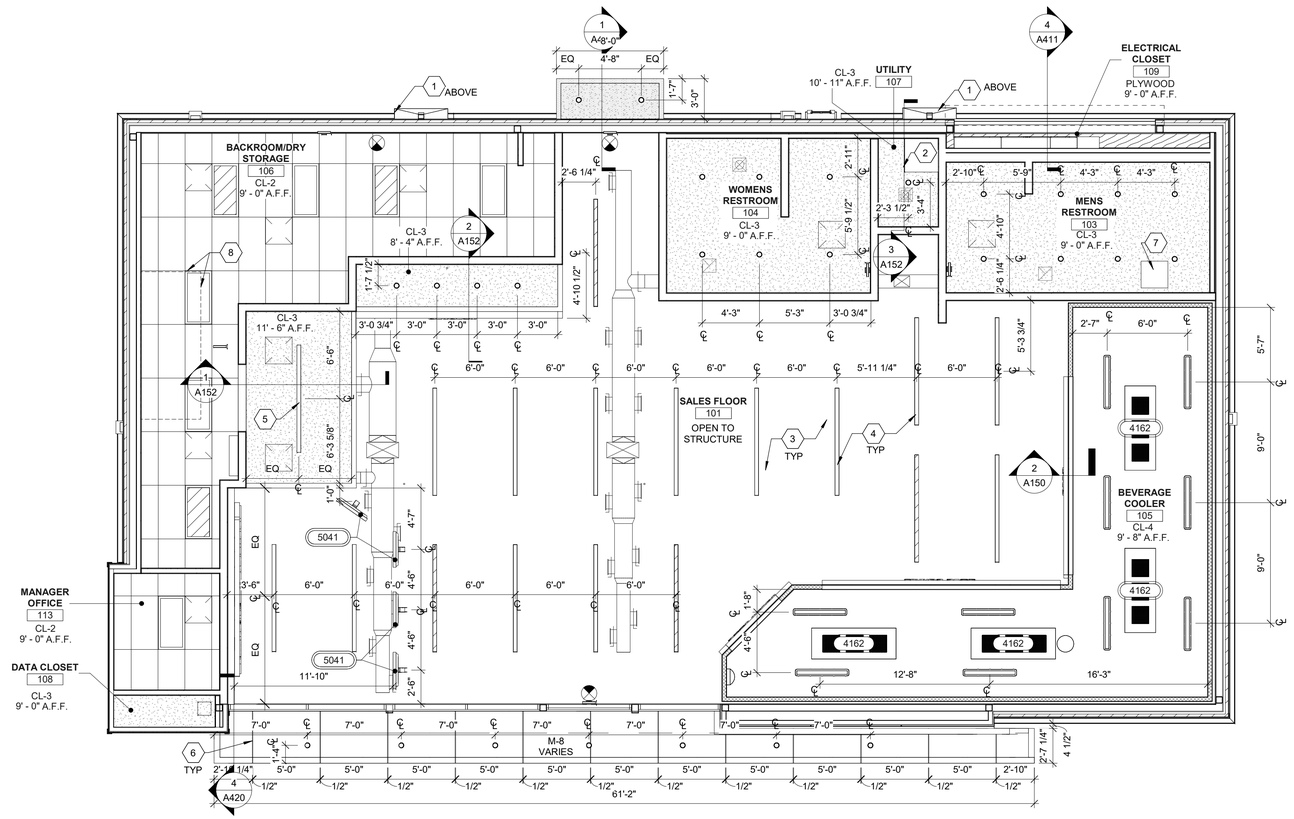
EQUIPMENT SCHEDULE

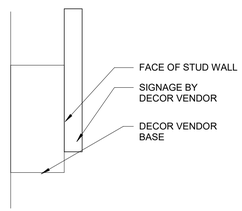
SHEET NUMBER

A141

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0208





2 TYP SECTION AT DECOR SIGNAGE
3" = 1'-0"

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

REFLECTED CEILING PLAN LEGEND

- EXTERIOR LIGHT FIXTURE
- LIGHT FIXTURE
- LIGHT FIXTURE (EMERGENCY)
- 2x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE (EMERGENCY)
- 6" RECESSED CAN LIGHT; REFER TO ELECTRICAL LIGHTING SCHEDULE FOR SPECIFIC MODEL
- EXIT SIGN
- 2x2 CEILING DIFFUSER
- 2x2 RETURN AIR GRILLE
- 2x4 RETURN AIR GRILLE
- RESTROOM DIFFUSER
- RESTROOM EXHAUST
- ACOUSTICAL CEILING TILE
- GYPSUM WALL BOARD CEILING

SHEET KEYNOTES

1	ROOF SCUPPER; REF SHEET A300
2	RAISED CEILING 10'-11" AFF IN ARE FOR WATER HEATER.
3	CEILIING OPEN TO STRUCTURE. PAINT IP-4.
4	LIGHTS TO BE MOUNTED 11'-0" A.F.F.
5	LIGHT TO BE MOUNTED 10'-6" A.F.F.
6	ACM PANEL REVEAL
7	CEILING 24"x24" ACCESS PANEL. COORDINATE LOCTION WITH MECHANICAL AND STRUCTURAL PLACEMENT.
8	OUTLINE OF FUTURE FRYER HOOD.

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE.
2. REFER TO SHEET A500 FOR INTERIOR FINISH LEGEND.
3. REFER TO ELECTRICAL SHEETS FOR LIGHTING FIXTURE SCHEDULE.
4. REFER TO MECHANICAL SHEETS FOR DIFFUSER SCHEDULE.
5. REFER TO WALL SECTIONS FOR SOFFIT CONSTRUCTION.
6. FOR ALL SUSPENDED SOFFIT WALLS, REFER TO STRUCTURAL FOR CONNECTION DETAILS AT ROOF STRUCTURE

RACEWAY
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RACETRAC STORE NUMBER

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PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA031175
REGISTERED ARCHITECT

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

REFLECTED CEILING PLAN AND DETAILS

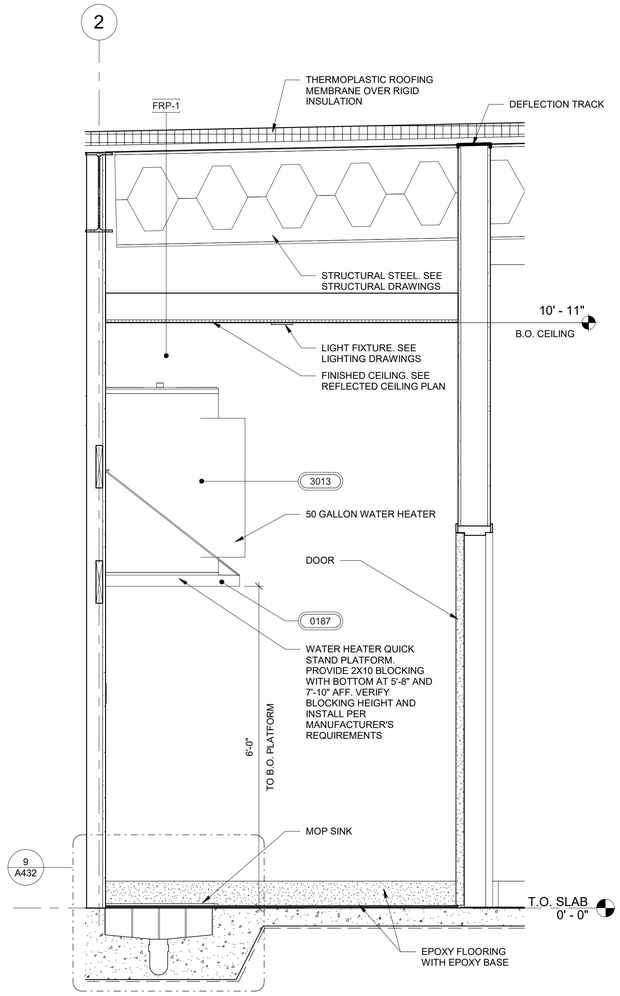
SHEET NUMBER

A150

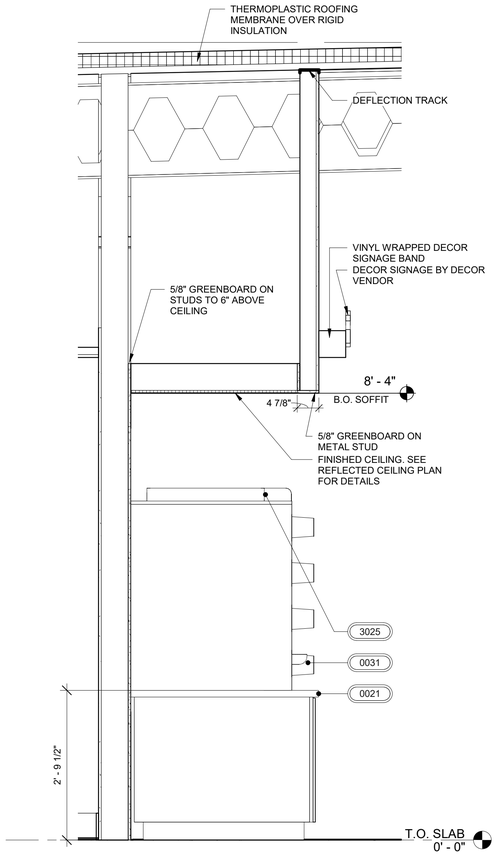
ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0208

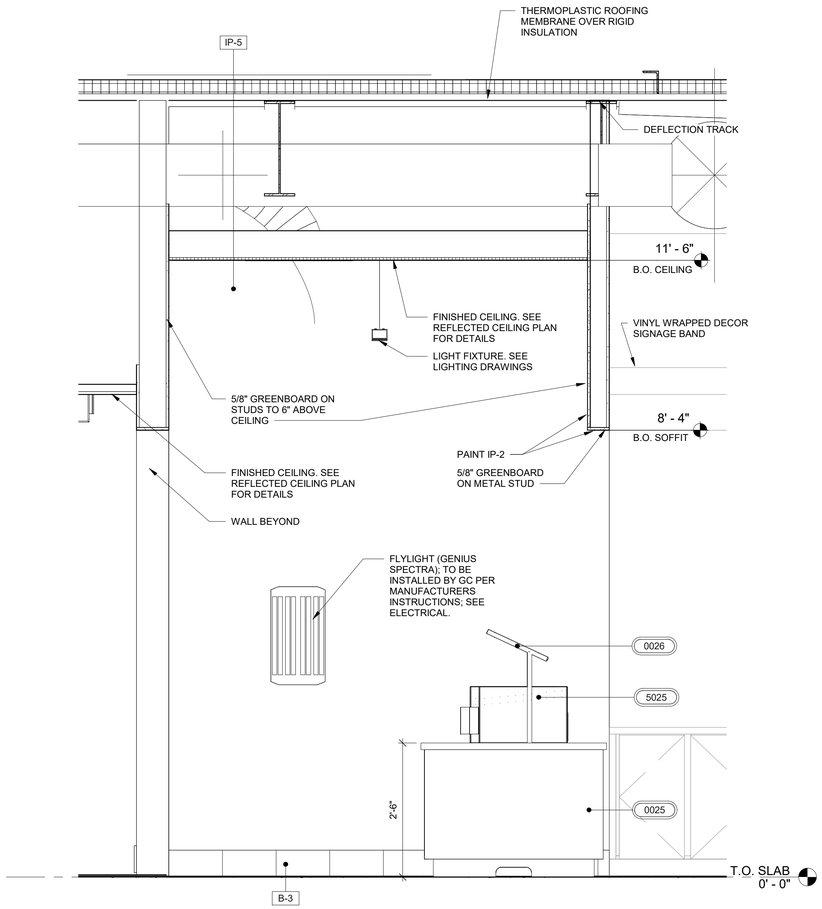
NOTE: WHERE LIGHT GAUGE METAL FRAMING IS SHOWN IN THE ARCHITECTURAL DRAWINGS, PER "SHOP DRAWING NOTE" #1 AND #5 ON SHEET S000, ALL LIGHT GAUGE METAL FRAMING SIZES, BRIDGING, LATERAL BRACING, AND ALL CONNECTIONS ASSOCIATED WITH LIGHT GAUGE METAL FRAMING ARE TO BE DESIGNED BY A CONTRACTOR FURNISHED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT.



3 SECTION AT WATER HEATER
3/4" = 1'-0"



2 SOFFIT SECTION AT FOUNTAIN
3/4" = 1'-0"



1 SOFFIT SECTION AT FOOD BAR
3/4" = 1'-0"

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DESIGN PROFESSIONALS

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA031173
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

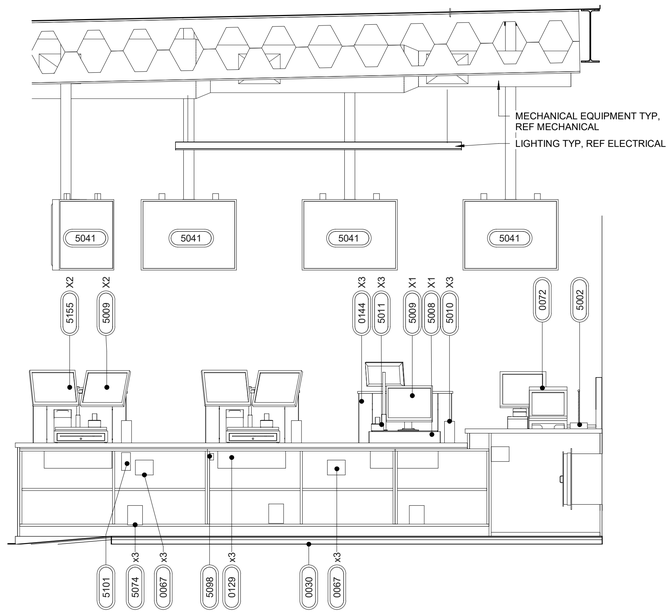
INTERIOR CEILING DETAILS

SHEET NUMBER

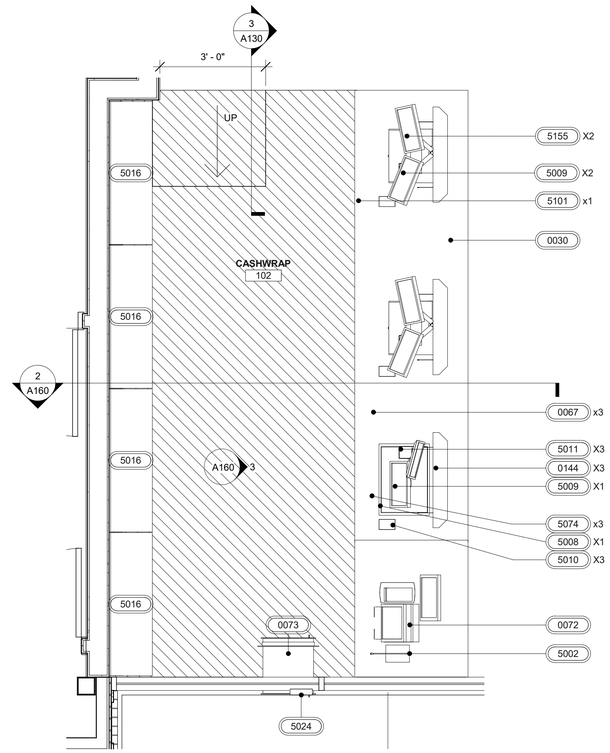
A152

ISSUED FOR CONSTRUCTION

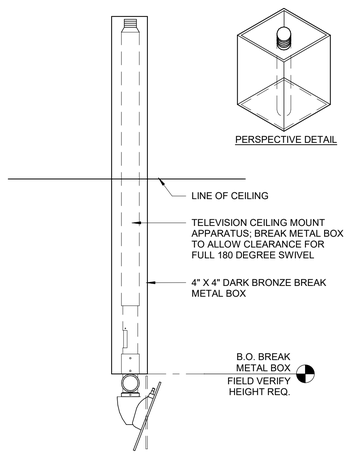
APPLICABLE SPB(s): 2022.0208



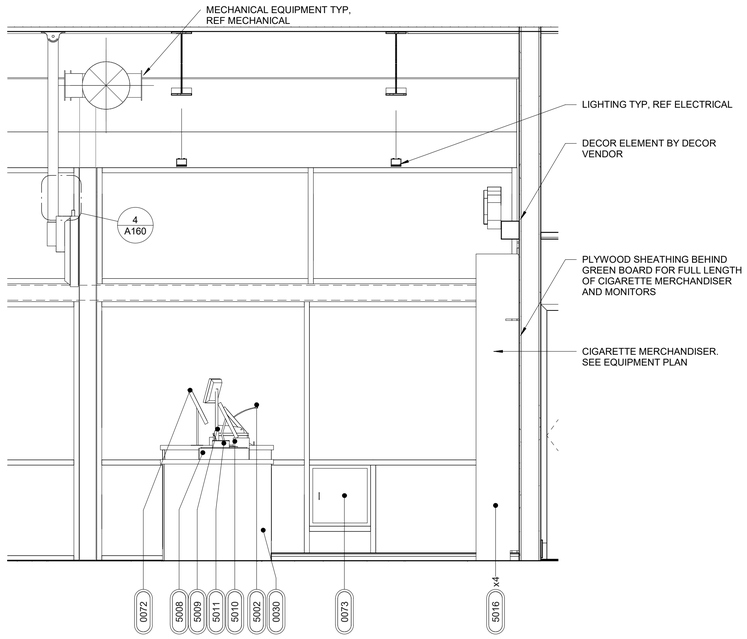
3 CASH WRAP ELEVATION
1/2" = 1'-0"



1 ENLARGED CASH WRAP PLAN
1/2" = 1'-0"



4 BREAK METAL BOX
6" = 1'-0"



2 SECTION BEHIND CASH WRAP
1/2" = 1'-0"

SHEET KEYNOTES ⓧ	GENERAL NOTES
	1. DO NOT SCALE PLANS 2. PROVIDE DURO-LAST MEMBRANE 50 MIL THERMOPLASTIC ROOFING SYSTEM; MECHANICALLY ANCHORED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS OVER R-30 RIGID INSULATION.

RACEWAY

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RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84
BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

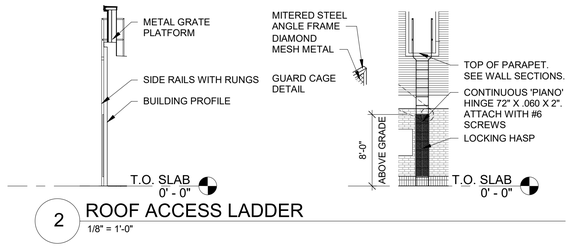
ENLARGED CASH WRAP AND DETAILS

SHEET NUMBER

A160

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s):



2 ROOF ACCESS LADDER
1/8" = 1'-0"

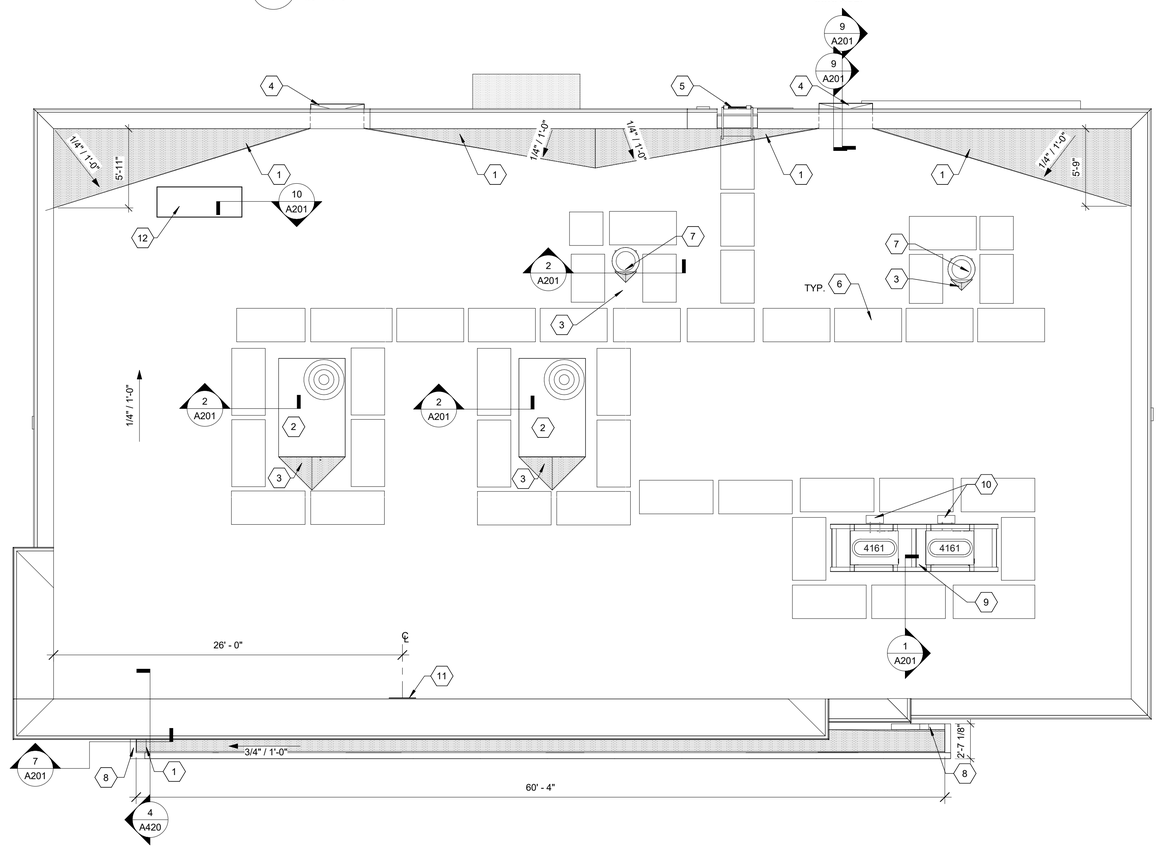
PAINT LADDER, CAGE, BRACKETS AND OTHER MISCELLANEOUS METALS WITH ONE SHOP PRIME COAT AND TWO FINISH COATS. COLOR TO BE DARK BRONZE.

SUBMIT STEEL LADDER SHOP DRAWINGS FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION.

LADDER:
PROVIDE CODE COMPLIANT EXTERIOR ROOF ACCESS LADDER.3/8"x 3" CONT. STEEL FLAT BAR SIDE RAILS W/ EASED EDGES 18" APART W/ 3/4" DIA. SOLID STEEL BAR RUNGS AT 12" O.C. PROVIDE 8" MINIMUM CLEARANCE FROM EXTERIOR FACE OF WALL. PROVIDE BOLTED STEEL BRACKETS AT 6'-6", BEAM LEVEL, AND REAR OF PARAPET - THROUGH BOLT TO WALL W/ 1/2" DIA A307 BOLTS W/OVERSIZED HARDENED WASHERS ON I.S. & O.S. FACES. BEGIN LADDER AT 0'-8" ABOVE FINISHED GRADE AND PROVIDE LOCKABLE GUARD CAGE TO 8'-0" ABOVE FINISHED GRADE.

GUARD CAGE:
GUARD CAGE TO BE CONSTRUCTED FROM 1 1/2"x1 1/2"x 3/16" THICK STEEL ANGLE AND MITERED AT CORNERS. ALL WELDS TO BE GROUND SMOOTH. WELD WIRE MESH AT REAR OF ANGLE FRAME AND PROVIDE STEEL HASP CLOSURE FOR PADLOCK AT 48" ABOVE FINISHED GRADE.

LADDER PLATFORM:
EXTEND LADDER RAILS 4'-0" ABOVE PARAPET. PROVIDE METAL GRATE PLATFORM 6" ABOVE TOP OF PARAPET TO WALK OVER AND RETURN LADDER DOWN TO WITHIN 12" OF ROOF SURFACE.



1 ROOF PLAN
3/16" = 1'-0"

ROOF DRAINAGE CALCULATIONS

ROOF DRAINAGE CALCULATIONS PER THE INTERNATIONAL PLUMBING CODES
1. ROOF AREA @ 3,549 SF AREA RAINFALL @ 5 INCHES PER HOUR.
2. SCUPPER SIZE PER 1106.7
   2.1 AT A 5-INCH HEAD, A 14-INCH HIGH OPENING WILL ACCOMMODATE A ROOF AREA OF 3,549 SF.
   2.2 ONE SCUPPER OF EQUAL SIZE IS REQUIRED FOR A SECONDARY DRAIN.
3. VISUAL OVERFLOW IS PROVIDED AT EACH SCUPPER/DOWNSPOUT. SECONDARY OVERFLOW DRAINAGE SYSTEM IS PROVIDED AT 2" ABOVE PRIMARY DRAIN-SYSTEM IN THE EVENT THAT PRIMARY ROOF DRAINAGE SYSTEM IS NON-FUNCTIONAL. REFER TO DETAIL 5/A201 AND 7/A201 FOR MORE INFORMATION. ROOF SYSTEM DESIGNED TO ACCOMMODATE THE ADDITIONAL DEAD LOAD IN THE EVENT THE PRIMARY DRAIN SYSTEM FAILS.
4. CANOPY ROOF AREA @ 130 S.F. MAXIMUM AREA RAINFALL @ 5 INCHES PER HOUR.
5. ROOF DRAIN SIZE PER CHAPTER 11.
   6.1 6-INCH SQUARE DOWNSPOUT AND ROOF DRAIN WILL ACCOMMODATE A ROOF AREA OF 130 SF.
   6.2 ONE SCUPPER OF EQUAL SIZE IS REQUIRED FOR A SECONDARY DRAIN.
6. EACH CANOPY IS PROVIDED WITH A DEDICATED ROOF DRAIN, DOWNSPOUT, AND OVERFLOW SCUPPER. THE PROVIDED AMOUNT EXCEEDS THE MINIMUM REQUIRED CALCULATED AREA.

SHEET KEYNOTES

1	TAPERED INSULATION SLOPED TO SCUPPERS INTERNAL GUTTER / SUMP DRAIN.
2	ROOF TOP UNIT. REFER TO MECHANICAL DRAWINGS FOR UNIT INFORMATION. REFER TO SHEET A201 FOR CURB DETAIL.
3	PROVIDE TAPERED INSULATION CRICKET AT ALL ROOF TOP EQUIPMENT AND AS INDICATED. SLOPE 1/4" MINIMUM FOR POSITIVE DRAINAGE.
4	4' WIDE 16" HIGH METAL SCUPPER, CONDUCTOR HEAD, GUTTER AND DOWNSPOUT BELOW AS DETAILED ON SHEET A201. REFER TO SHEET A300 FOR DIMENSIONS.
5	PAINTED STEEL ROOF LADDER INSTALL BY GC. REFER TO DETAILS ON THIS SHEET AND WALL SECTION ON SHEET A411.
6	PROVIDE DURO-LAST ROOF TRAK III WALKWAY PADS AS INDICATED.
7	EXHAUST FAN; REFER TO MECHANICAL.
8	8" WIDE X 4" HIGH OVERFLOW SPILL SCUPPER.
9	REFRIGERATION SUPPORT RACK.
10	ATR HUB FOR REFRIGERATION AND ELECTRICAL LINES AND CONDUITS. SEE A201 FOR DETAILS. ATR HUB TO BE PROVIDED BY DURO-LAST.
11	LOCKABLE 16"x16" ACCESS PANEL AND FRAME; STAINLESS STEEL. APPLY SEALANT AROUND ALL EDGES TO ENSURE WATER TIGHT SEAL. SEE MANUFACTURERS INSTALLATION INSTRUCTIONS .
12	PROVED EQUIPMENT CURB FOR FUTURE KITCHEN HOOD EXHAUST FAN AND MAKE-UP UNIT. CAP WITH INSULATED SHEET METAL COVER. REFER TO MEP.

GENERAL NOTES

1. PROVIDE DURO-LAST MEMBRANE 50 MIL THERMOPLASTIC ROOFING SYSTEM; MECHANICALLY ANCHORED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS OVER R-30 RIGID INSULATION.

RACEWAY

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

PROJECT NAME

HWY 84 & GA
HWY 3 EDO

GEORGIA
2500 HIGHWAY 84
BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA031173
REGISTERED ARCHITECT

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

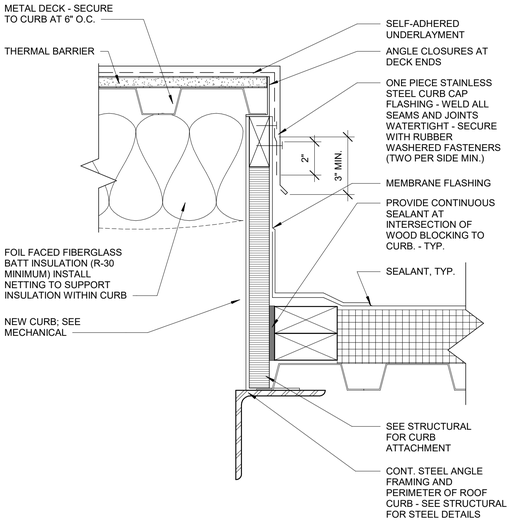
ROOF PLAN

SHEET NUMBER

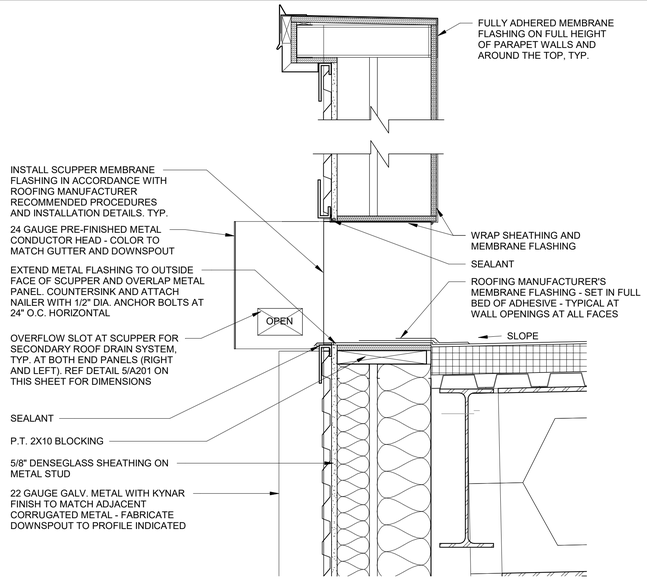
A200

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0204, 2022.0210

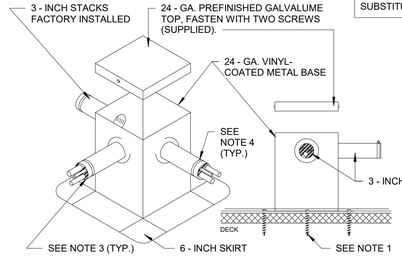


10 CURB CAP DETAIL
3" = 1'-0"

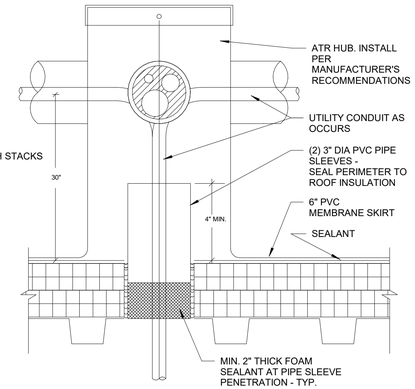


9 ENLARGED SCUPPER DETAIL
1 1/2" = 1'-0"

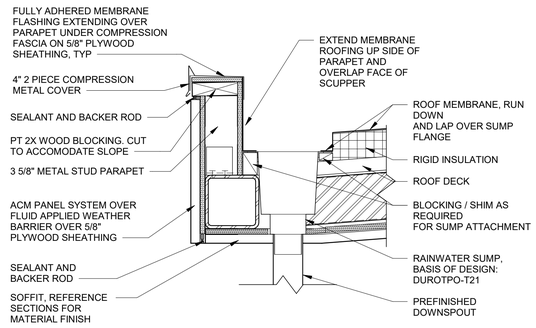
GENERAL NOTE: ATR HUB'S TO BE PURCHASED FROM DURO-LAST. SUBSTITUTIONS ARE NOT PERMITTED.



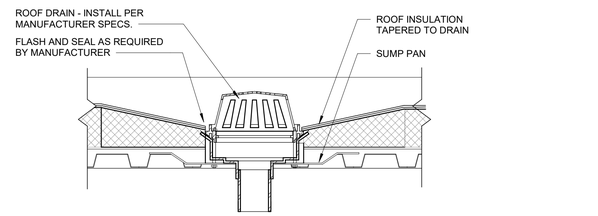
NOTE 1: ATTACH ATR HUB WITH APPROVED FASTENERS, MINIMUM ONE PER SIDE, OR 18- INCHES ON CENTER THROUGH THE BOTTOM FLANGE.
NOTE 2: WELD THE 6-INCH SKIRT TO THE DECK SHEET MEMBRANE.
NOTE 3: USE APPROVED SEALANT AT ENTRY POINTS TO ENSURE A WATERTIGHT SEAL.
NOTE 4: USE STAINLESS STEEL BANDS ON ROUND STACKS AND TIGHTEN TAKING CARE NOT TO CRUSH THE WIRE, CONDUIT, AND CONDENSER LINE OR OBJECT GOING THROUGH THE STACK FLASHING.
NOTE 5: SECURE PREFINISHED TOP WITH THE TWO SUPPLIED SCREWS.
NOTE 6: TO SEAL UNUSED STACKS PINCH THE END TOGETHER AND WELD CLOSED. WHEN NEEDED, CUT THE WELDED PORTION OFF AND RE-USE ACCORDINGLY.
NOTE 7: ATR HUB FOR YOGURT LINE SHALL HAVE TYPE "L" COPPER PIPPING EXTERIOR OF ATR HUB AND PEX PIPING INTERIO OF ATR HUB.



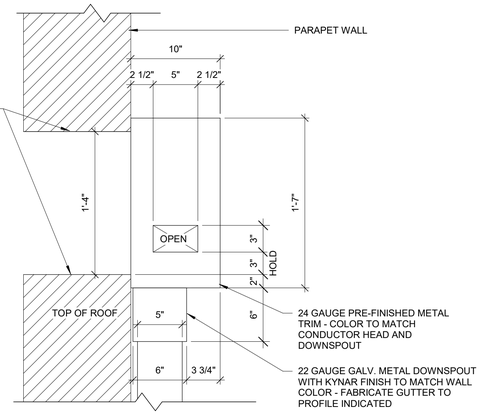
8 ATR HUB
12" = 1'-0"



7 OVERFLOW SCUPPER DETAIL
1 1/2" = 1'-0"

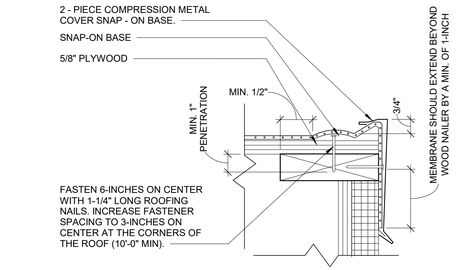


6 ENLARGED ROOF DRAIN DETAIL
1 1/2" = 1'-0"



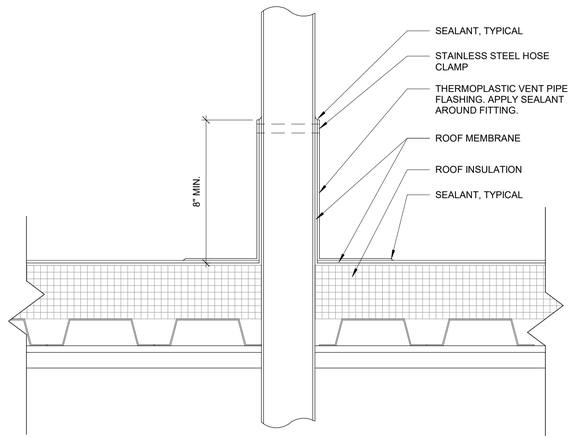
END PANEL PROFILE

5 ENLARGED SCUPPER SIDE ELEVATION
1 1/2" = 1'-0"

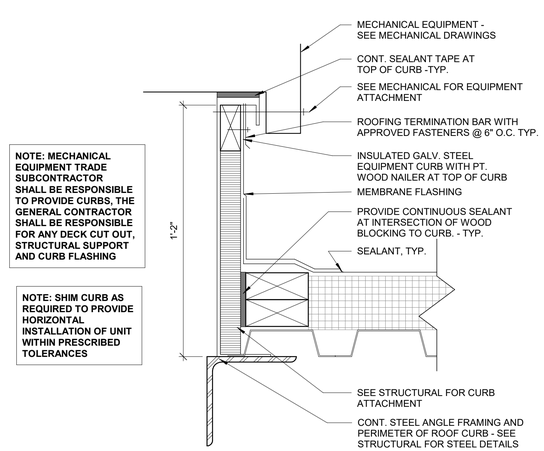


NOTE:
1. THE USE OF THIS DETAIL IS NOT TO EXCEED A 2-INCH PER 12-INCH SLOPE.
2. THE FASTENERS USED TO ATTACH THE BASE TO WOOD NAILERS, AND THE MEMBRANE TO THE FACE OF THE NAILERS, MUST BE SPACED NO GREATER THAN 6-INCHES ON CENTER. THE FASTENER SPACING MUST BE INCREASED TO 3-INCHES ON CENTER WHEN ATTACHING THE BASE WITHIN 10-FEET (MIN.) OF THE OUTSIDE CORNERS OF THE BUILDING.
3. ALLOW FOR 1/8-INCH EXPANSION GAP BETWEEN 10-FOOT LENGTHS OF SNAP-ON BASE. OVERLAP THE SNAP-ON COVERS BY 2-INCHES BETWEEN 10-FOOT LENGTHS.

4 2 - PIECE COMPRESSION EDGE
3" = 1'-0"



3 TYPICAL PIPE ROOF PENETRATION DETAIL
3" = 1'-0"

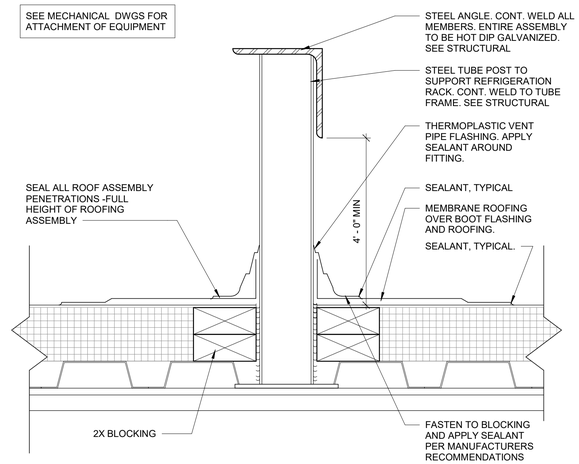


NOTE: MECHANICAL EQUIPMENT TRADE SUBCONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE CURBS, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DECK CUT OUT, STRUCTURAL SUPPORT AND CURB FLASHING

NOTE: SHIM CURB AS REQUIRED TO PROVIDE HORIZONTAL INSTALLATION OF UNIT WITHIN PRESCRIBED TOLERANCES

2 MECH/FAN CURB DETAIL
3" = 1'-0"

SEE MECHANICAL DWGS FOR ATTACHMENT OF EQUIPMENT



1 REFRIGERATION SUPPORT RACK
3" = 1'-0"

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ATLANTA, GEORGIA 30339
(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL



2023.02.07

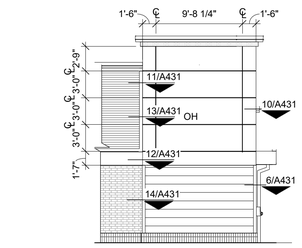
PROJECT NUMBER
22.765.00

SHEET TITLE
ROOF DETAILS

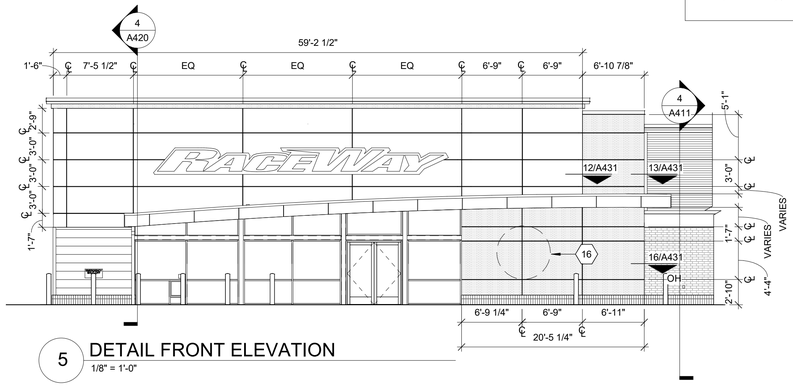
SHEET NUMBER
A201

ISSUED FOR CONSTRUCTION

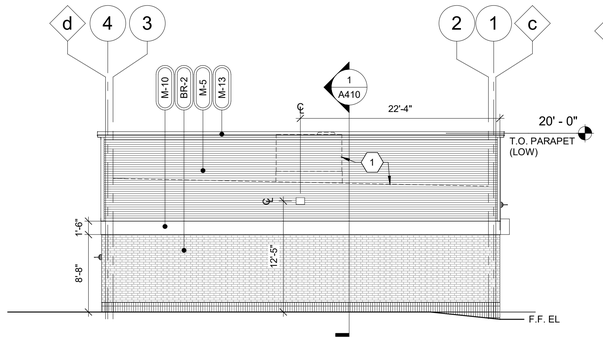
APPLICABLE SPB(s): 2022.0202, 2022.0204



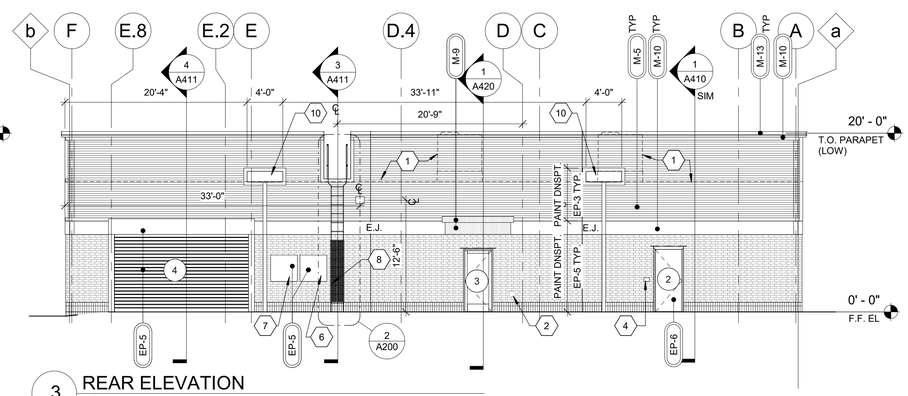
6 ACM PANEL LEFT ELEVATION
1/8" = 1'-0"



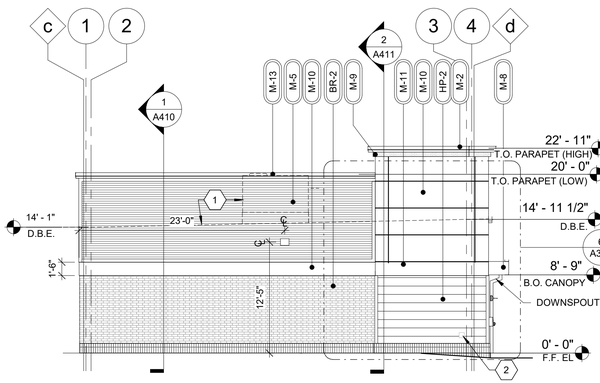
5 DETAIL FRONT ELEVATION
1/8" = 1'-0"



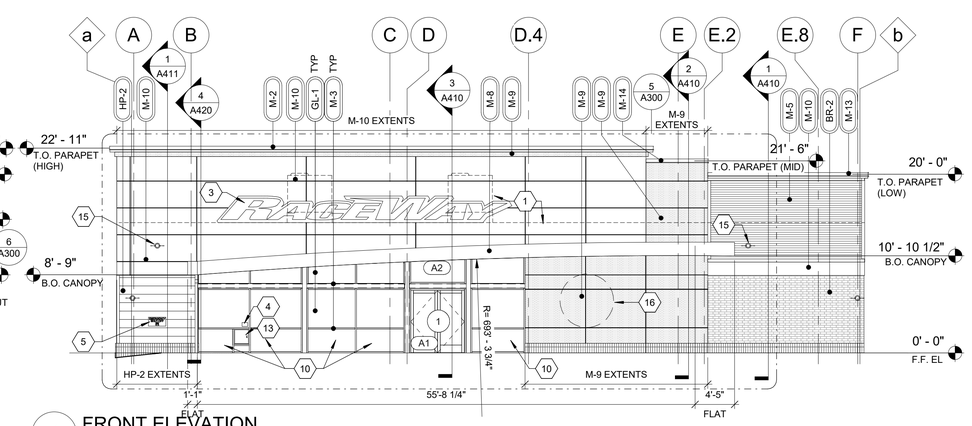
4 RIGHT ELEVATION
1/8" = 1'-0"



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



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



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

APPROVED ALTERNATES			
FL STORES ONLY:			
HP-1	NICHIHA (FL# 12098.1)	NICHIBOARD PLANK SMOOTH	PAINT SHERWIN WILLIAMS SEALSKIN #7675
FOR ALL OTHER STORES:			
HP-1	NICHIHA (FL# 12098.1)	NICHIBOARD PLANK SMOOTH	
	LP SMARTSIDE	STRAND SUBSTRATE SMOOTH LAP AND PANEL SIDEING	

HATCH LEGEND

	M-9 HYB BLUE
	M-10 AGT GREY

EXTERIOR MATERIAL SCHEDULE

BRICK			
BR-2	GENERAL SHALE	BRICK VENEER	"STONE MOUNTAIN" - ARGOS MASONRY CEMENT - MORTAR COLOR "MAGNOLIA DARK"
CEMENT BOARD			
HP-1	JAMES HARDIE	SMOOTH LAP SIDING (OR APPROVED ALTERNATE)	PAINT SHERWIN WILLIAMS ONLINE #7072. INSTALL PER MANUFACTURER RECOMMENDATION
HP-2	JAMES HARDIE	SMOOTH LAP SIDING (OR APPROVED ALTERNATE)	PAINT SHERWIN WILLIAMS URBAN BRONZE #7048. INSTALL PER MANUFACTURER RECOMMENDATION
EXTERIOR PAINT			
EP-3	SHERWIN WILLIAMS	PAINT	EXTERIOR PAINT SW 7048 "URBANE BRONZE"
EP-5	SHERWIN WILLIAMS	PAINT	EXTERIOR PAINT SW 6040 "LESS BROWN".
EP-6	SHERWIN WILLIAMS	PAINT	EXTERIOR PAINT SW 7020 "BLACK FOX"

EXTERIOR MATERIAL SCHEDULE

GLAZING			
GL-1		1" NON-IMPACT RATED INSULATED GLAZING	CLIMATE ZONE 2 OR 3. IGU AT STOREFRONT 0.28 U-FACTOR, SHGC PF>0.25= .27 (1/4" SOLARBAN 70-XL LOW-E #2 +1/2 AIRE + 1/4" CLEAR) OR APPROVED ALTERNATE
METAL			
M-1	PREFINISHED 4" 2-PIECE COMPRESSION METAL COVER		METAL TO MATCH M-11
M-2	PREFINISHED 5" 2-PIECE COMPRESSION METAL COVER	--	METAL TO MATCH M-11
M-3	OLD CASTLE	FG-3000 STOREFRONT SYSTEM (OR APPROVED ALTERNATE)	PREFINISHED DARK BRONZE ANODIZED ALUMINUM AA MI2C22A44
M-5	BERRIDGE	CORRUGATED METAL	PREFINISHED 24-GA CITYSCAPE

EXTERIOR MATERIAL SCHEDULE

M-6	BERRIDGE	CORRUGATED METAL	PREFINISHED 24-GA CHARCOAL GREY
M-8	ALPOLIC	ACM	TRD RED
M-9	ALPOLIC	ACM	HYB BLUE
M-10	ALPOLIC	ACM	AGT GREY
M-11	ALPOLIC	ACM	CNC CHARCOAL
M-13	PREFINISHED 5" 2-PIECE COMPRESSION METAL COVER	--	METAL TO MATCH M-10
M-14	PREFINISHED 5" 2-PIECE COMPRESSION METAL COVER	--	METAL TO MATCH M-9
WINDOW FILM			
WF-1	NGS	WINDOW FILM; 3M PRESTIGE 70 SOLAR FILM	SEE A600 FOR WINDOW FILM LOCATIONS
WF-2	NGS	CUSTOM COLOR - MATCH VINYL FILM TO PMS 485 FOR 1ST SURFACE APPLICATION	SEE A600 FOR WINDOW FILM LOCATIONS, NGS TO FURNISH AND INSTALL

ELEVATION KEYNOTES

1	DASHED LINE REPRESENTS ROOF AND MECHANICAL EQUIPMENT BEYOND
1	ILLUMINATED SIGN PANEL BY OWNER MOUNTED ON RACEWAY
2	HOSE BIB; REFER TO PLUMBING DRAWINGS
3	ILLUMINATED SIGN PANEL BY OWNER MOUNTED ON RACEWAY
4	INTERCOM AND SPEAKER
5	EMERGENCY FUEL SHUT OFF SWITCH. MOUNT TOP OF SIGN AT 48" A.F.F.
6	LOCATION OF ELECTRICAL SERVICE C/T AND METER
7	GENERATOR TAP BOX. REFER TO ELECTRICAL FOR LOCATION.
8	PROVIDE METAL GUARD GATE AT LADDER TO 8'-0" A.F.F. WITH LOCKING HASP
9	4'-0" WIDE X 1'-2 1/2" HIGH SCUPPER. REFER TO DETAIL 8 ON SHEET A201. PAINT TO MATCH COLOR TO ADJACENT MATERIAL
10	1" ENDUREX INSULATED ALUMINUM PANELS BY STOREFRONT MANUFACTURER. METAL TO MATCH STOREFRONT COLOR, DARK BRONZE
11	SIGN PANEL BY TENANT

ELEVATION KEYNOTES

12	AT HATCHED AREAS, PROVIDE 5/8" PLYWOOD BACKING FOR TENANT SIGNAGE
13	PACKAGE PASSER. VENDOR OR OWNER TO PROVIDE PRODUCT APPROVAL INFORMATION AS REQUIRED BY AHJ.
14	WALL MOUNTED EMERGENCY EGRESS FIXTURE.
15	WALL MOUNTED SECURITY CAMERA; SEE ELECTRICAL
16	SEE SIGNAGE PACKAGE FOR SIGNAGE PLACEMENT

GENERAL NOTES

1. 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.
2. PROVIDE EXPANSION JOINTS (EJ) AT ALL LOCATIONS REQUIRED BY MANUFACTURER.
3. PROVIDE EXPANSION JOINTS (EJ) AS LOCATED ON EXTERIOR ELEVATION. SPECIFICATION FOR JOINT SEALANT SHALL BE 'PRECAST WHITE' SL-2 BY TREMCO.
4. MAXIMUM SPACING OF EXPANSION JOINTS SHALL BE 15'-0" O.C. OR PER MANUFACTURER RECOMMENDATION.
5. REFER TO LIGHTING PLANS FOR LIGHTING FIXTURE LOCATION AND SCHEDULE.
6. REFER TO STRUCTURAL DRAWINGS FOR JOIST AND BEAM BEARING AND FOUNDATIONS.
7. REFER TO REFLECTED CEILING PLANS FOR COMPLETE DIMENSIONS OF ACM JOINT LOCATIONS.

RACEWAY

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DESIGN PROFESSIONALS

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. 036170
REGISTERED ARCHITECT

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

EXTERIOR ELEVATIONS

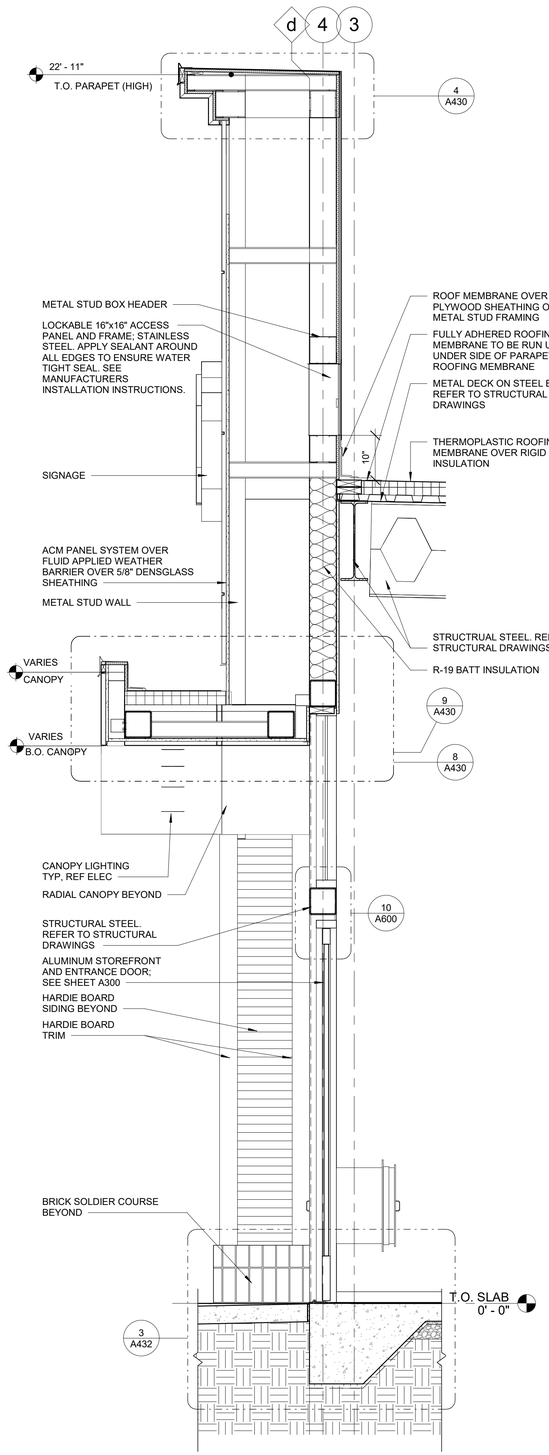
SHEET NUMBER

A300

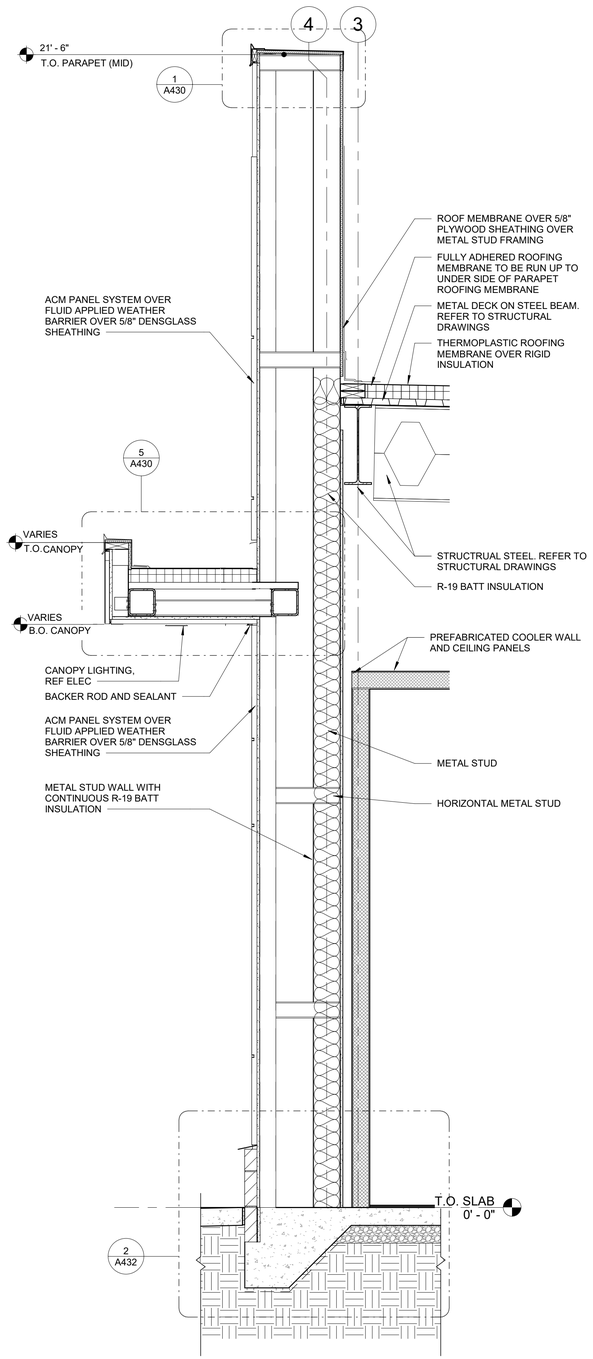
ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0202, 2022.0204

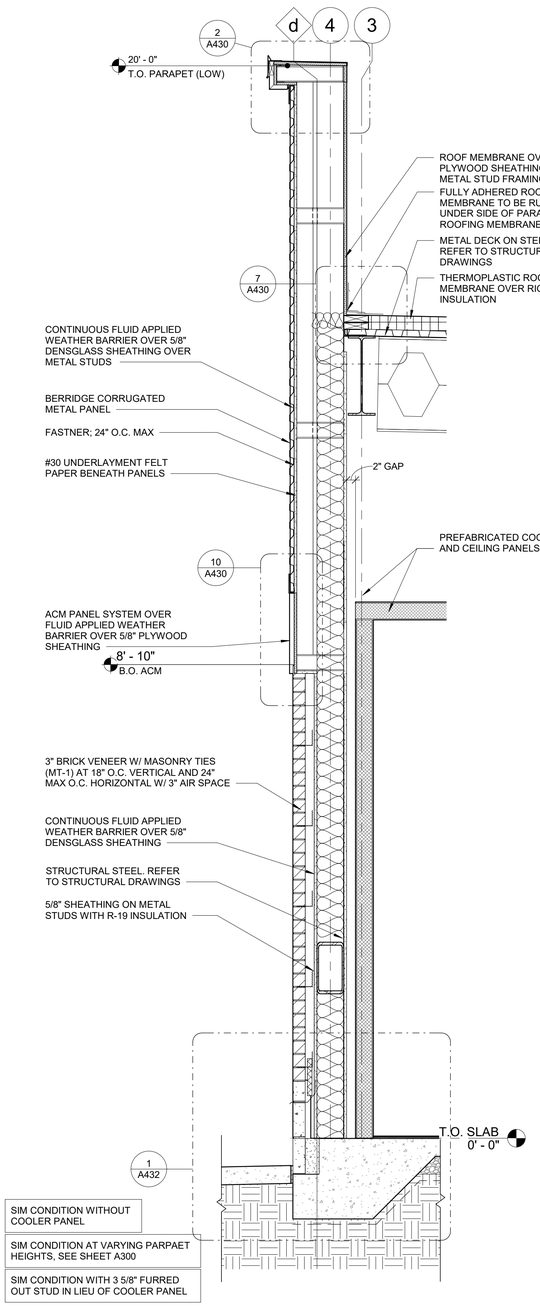
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3 FRONT STOREFRONT SECTION
3/4" = 1'-0"



2 FRONT WALL SECTION
3/4" = 1'-0"



1 FRONT WALL SECTION
3/4" = 1'-0"

RACEWAY

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RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA031175
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

WALL SECTIONS

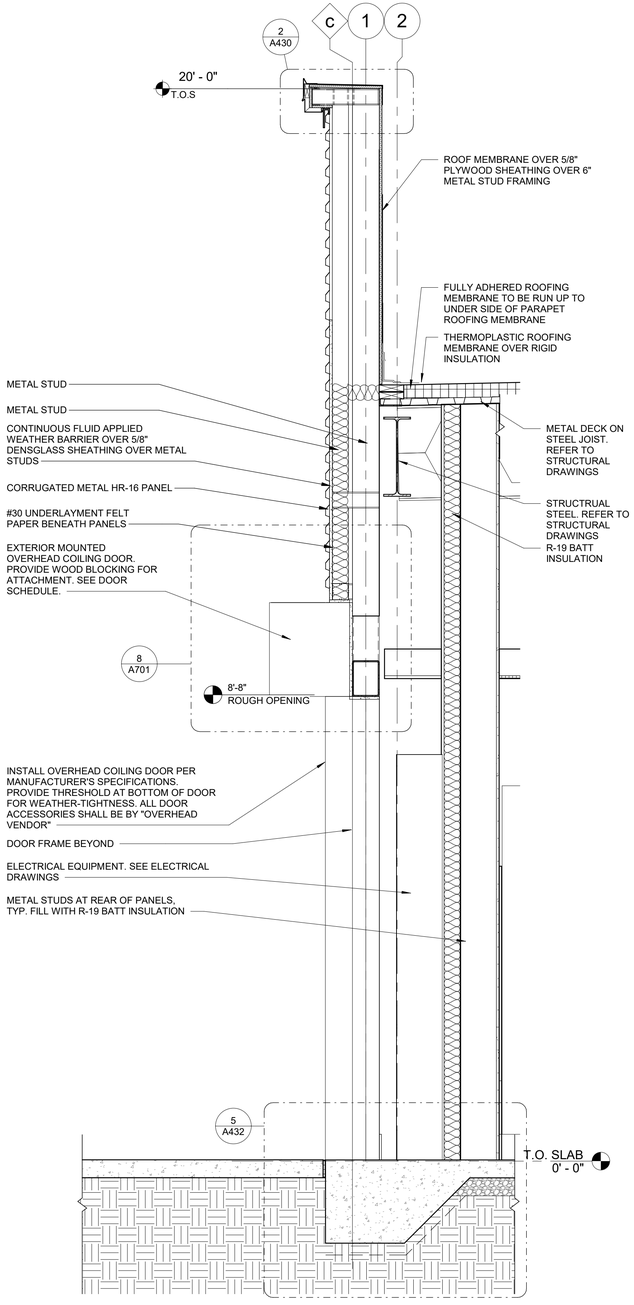
SHEET NUMBER

A410

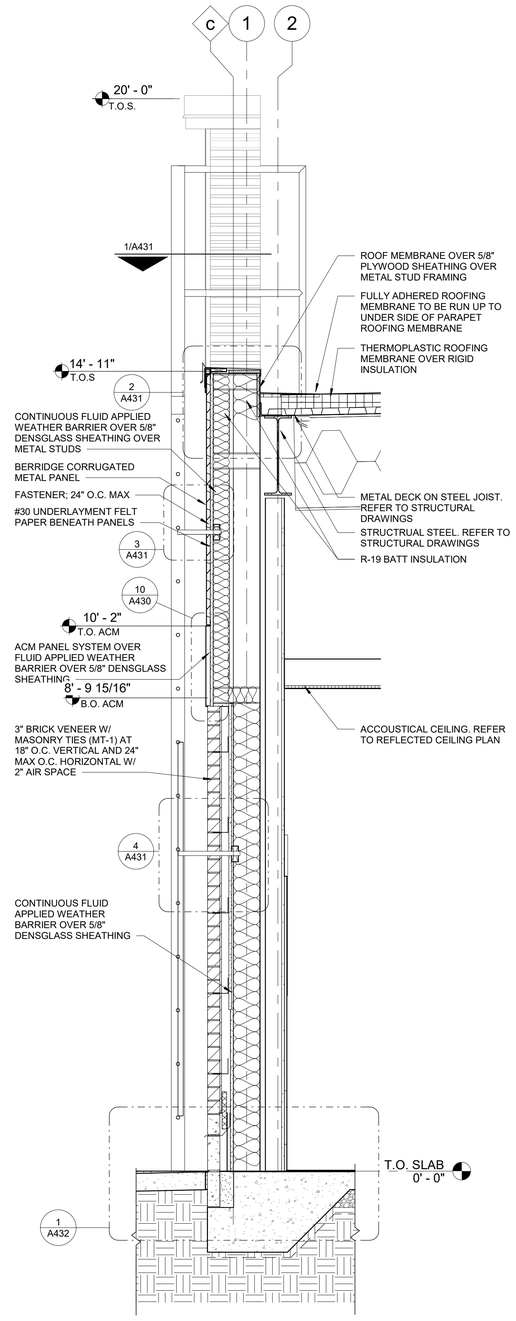
ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0201, 2022.0202, 2022.0204

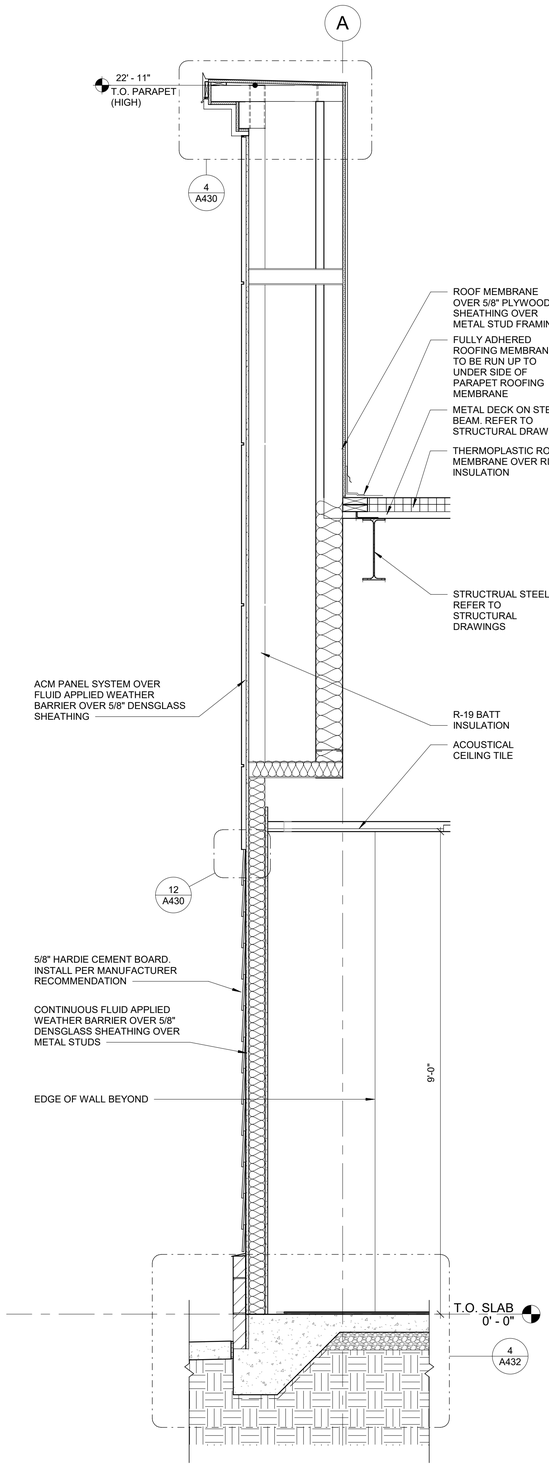
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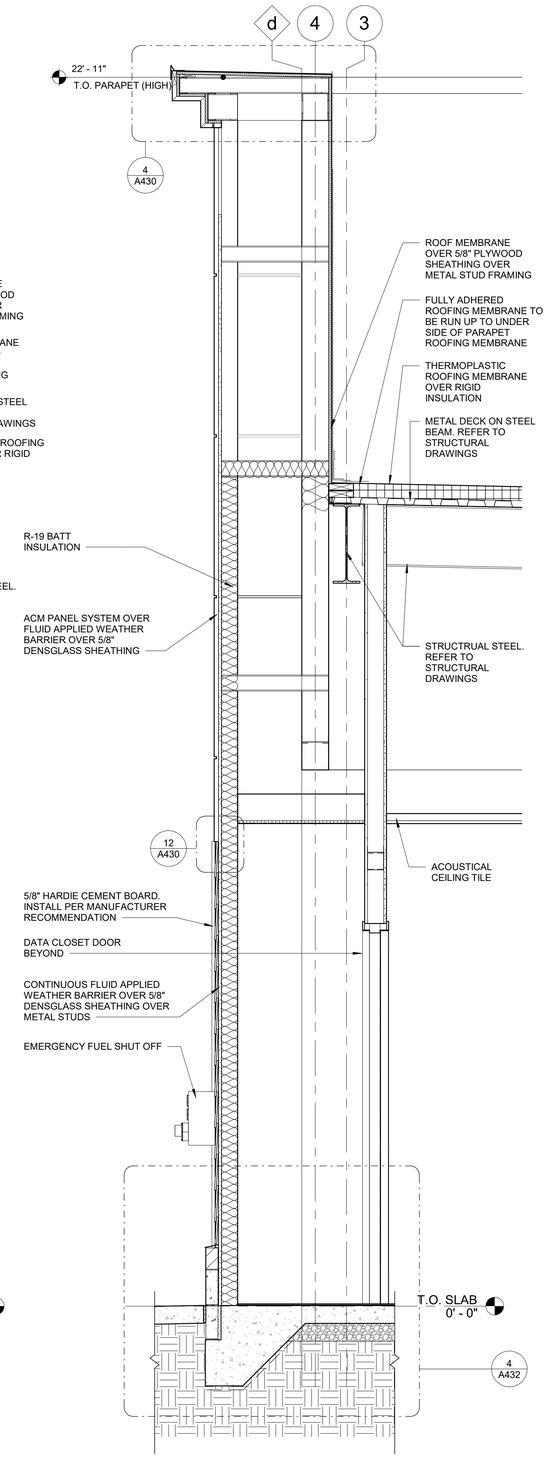
4 REAR WALL SECTION
3/4" = 1'-0"



3 ROOF ACCESS LADDER SECTION
3/4" = 1'-0"



2 LEFT WALL SECTION
3/4" = 1'-0"



1 FRONT WALL SECTION
3/4" = 1'-0"

RACEWAY

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ATLANTA, GEORGIA 30339
(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

WALL SECTIONS

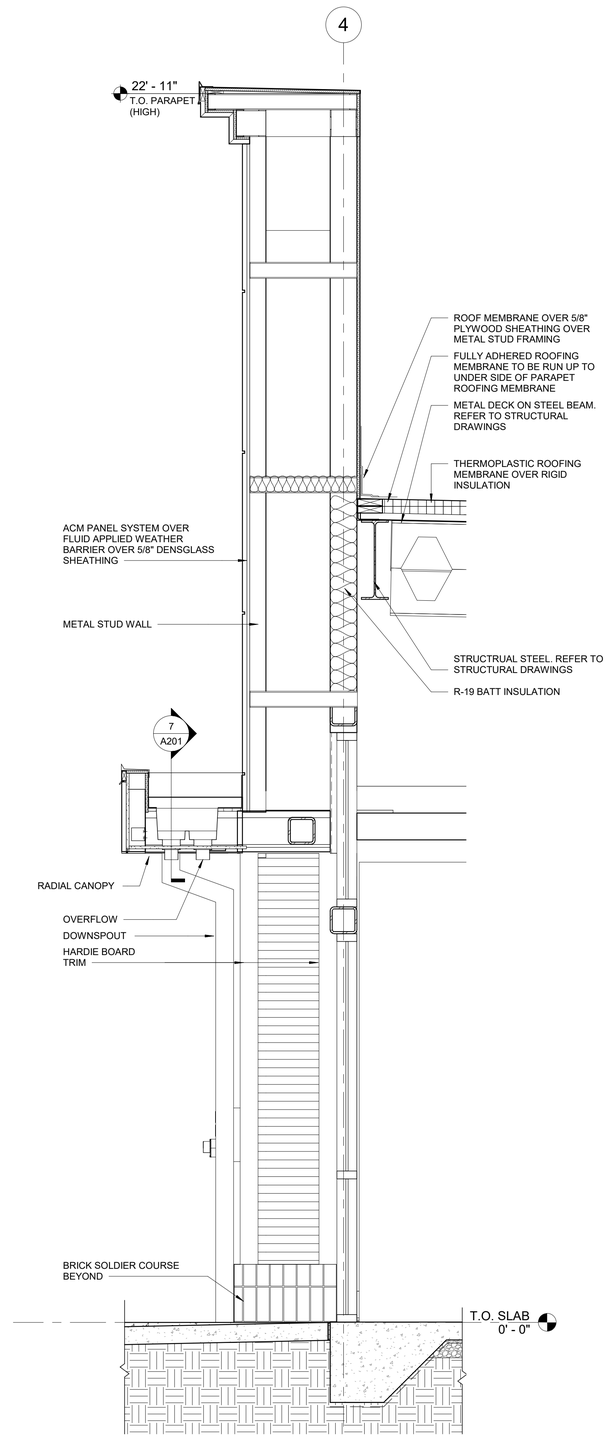
SHEET NUMBER

A411

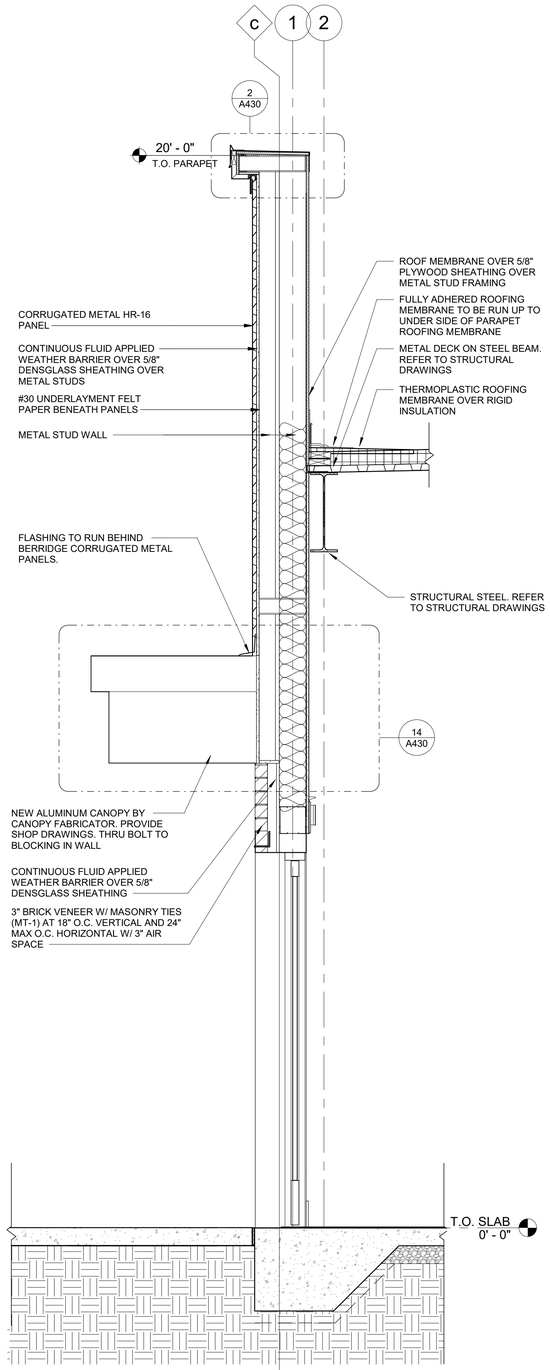
ISSUED FOR CONSTRUCTION

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APPLICABLE SPB(s): 2022.0202, 2022.0204



4 FRONT STOREFRONT SECTION
3/4" = 1'-0"



1 REAR EDO ENTRY
3/4" = 1'-0"

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(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

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PROFESSIONAL SEAL

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA031173
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

WALL SECTIONS

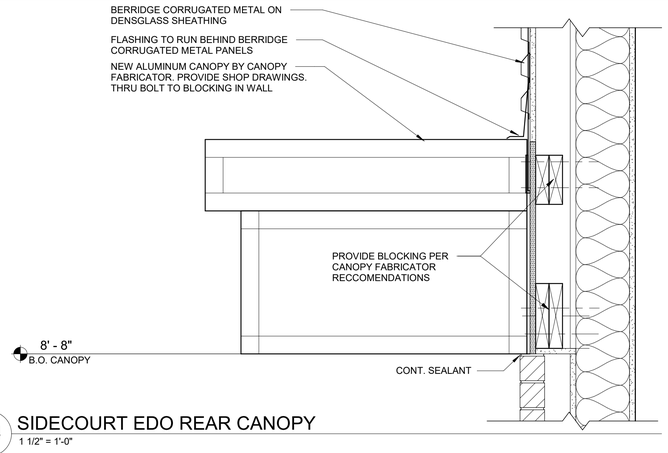
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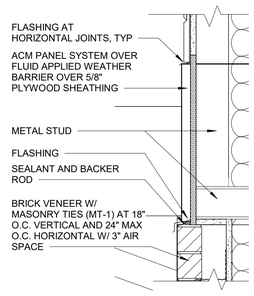
ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0202, 2022.0203

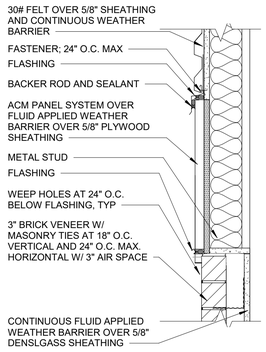
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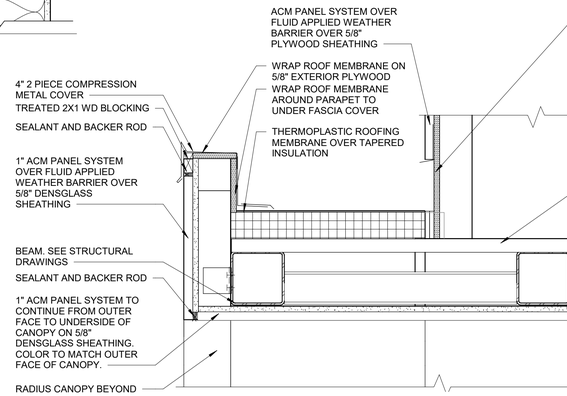
14 SIDECOURT EDO REAR CANOPY
1 1/2" = 1'-0"



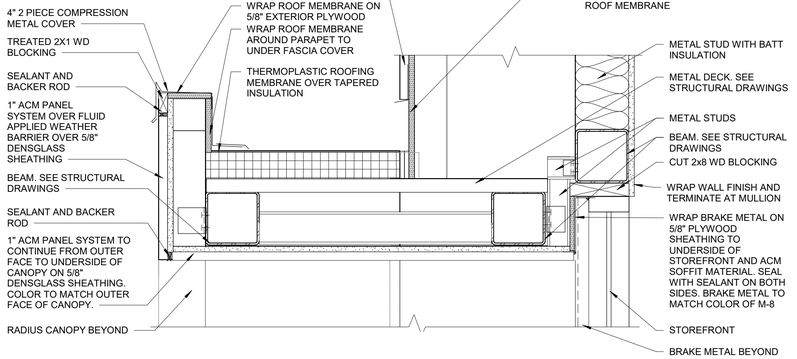
11 DETAIL
1 1/2" = 1'-0"



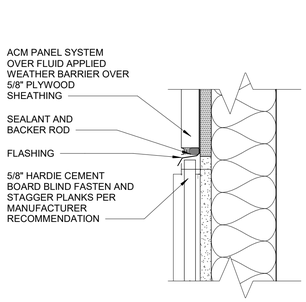
10 DETAIL
1 1/2" = 1'-0"



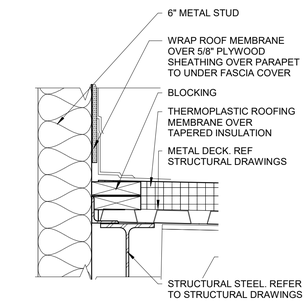
9 ENLARGED CANOPY AT STOREFRONT DETAIL
1 1/2" = 1'-0"



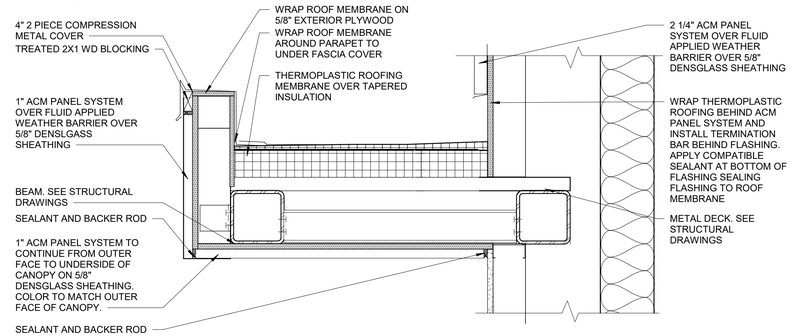
8 ENLARGED CANOPY AT STOREFRONT DETAIL
1 1/2" = 1'-0"



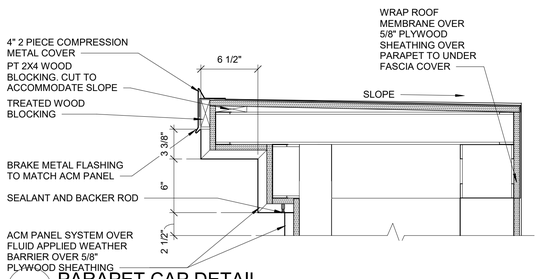
12 DETAIL
3" = 1'-0"



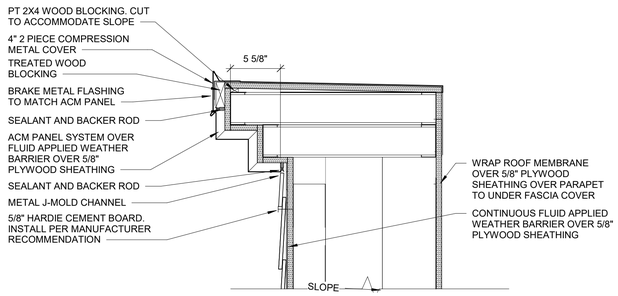
7 DETAIL
1 1/2" = 1'-0"



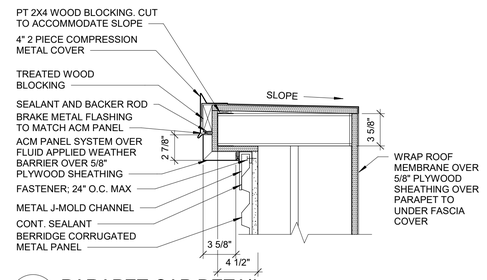
5 ENLARGED CANOPY DETAIL
1 1/2" = 1'-0"



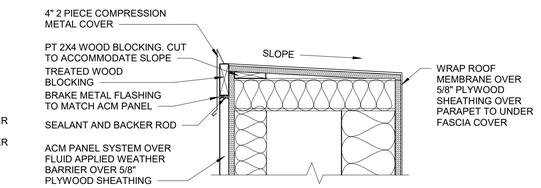
4 PARAPET CAP DETAIL
1 1/2" = 1'-0"



3 PARAPET CAP DETAIL
1 1/2" = 1'-0"



2 PARAPET CAP DETAIL
1 1/2" = 1'-0"



1 PARAPET CAP DETAIL
1 1/2" = 1'-0"

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

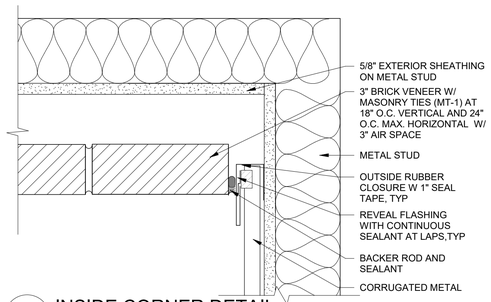
PROJECT NUMBER
22.765.00

SHEET TITLE
DETAILS

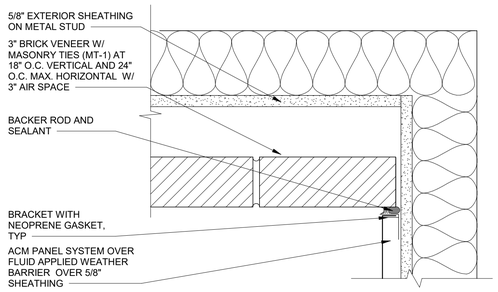
SHEET NUMBER
A430

ISSUED FOR CONSTRUCTION

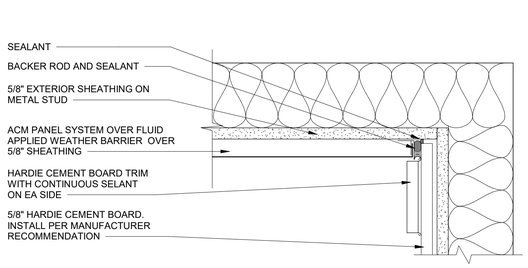
APPLICABLE SPB(s): 2022.0202



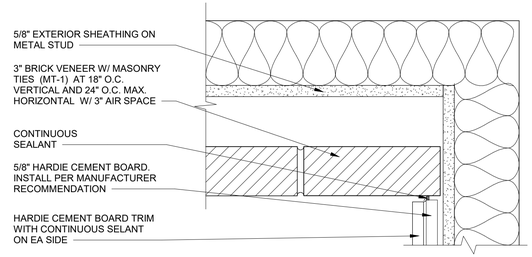
17 INSIDE CORNER DETAIL
3" = 1'-0"



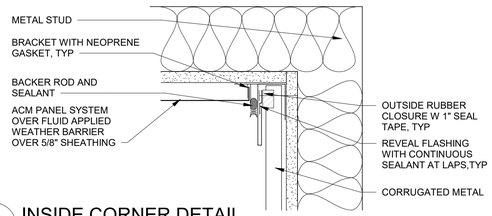
16 INSIDE CORNER DETAIL
3" = 1'-0"



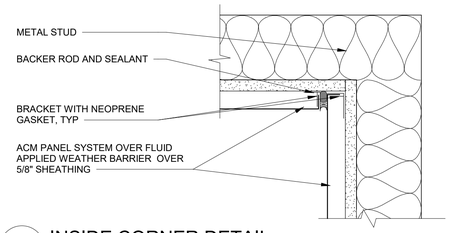
15 INSIDE CORNER DETAIL
3" = 1'-0"



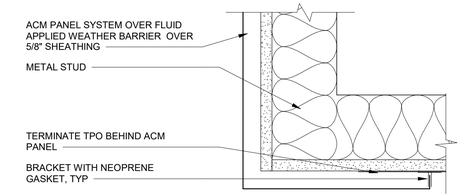
14 INSIDE CORNER DETAIL
3" = 1'-0"



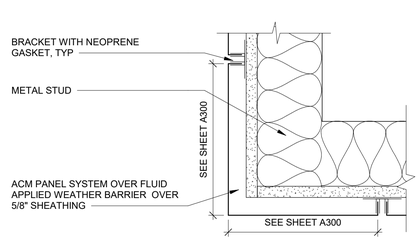
13 INSIDE CORNER DETAIL
3" = 1'-0"



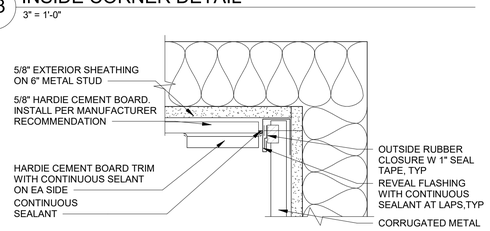
12 INSIDE CORNER DETAIL
3" = 1'-0"



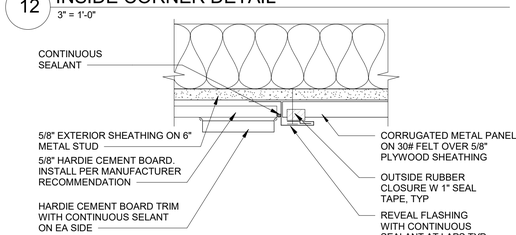
11 METAL PANEL DETAIL
3" = 1'-0"



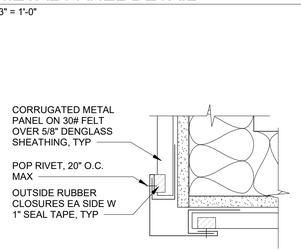
10 METAL PANEL OUTSIDE CORNER
3" = 1'-0"



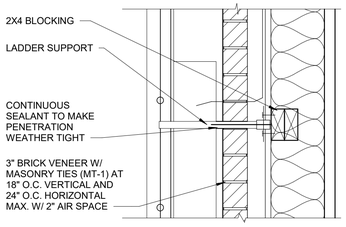
9 INSIDE CORNER DETAIL
3" = 1'-0"



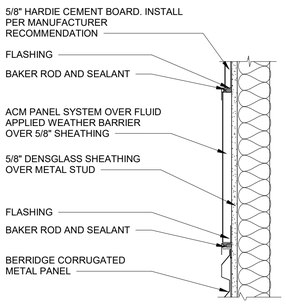
8 CORRUGATED METAL DETAIL
3" = 1'-0"



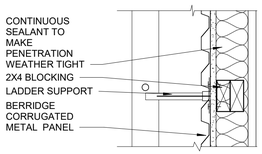
7 OUTSIDE CORRUGATED METAL DETAIL
3" = 1'-0"



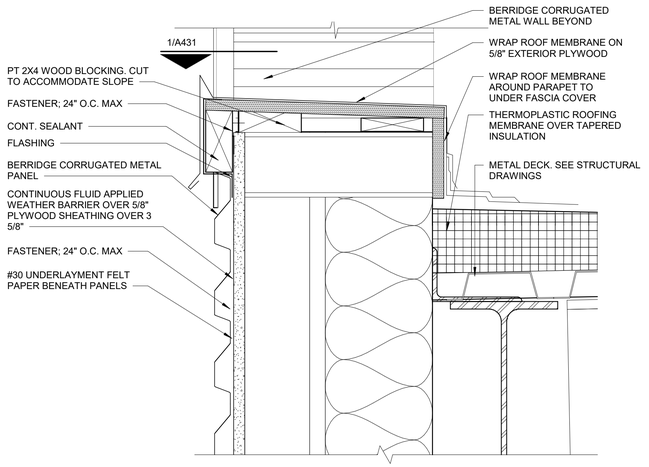
4 LADDER BLOCKING DETAIL
1 1/2" = 1'-0"



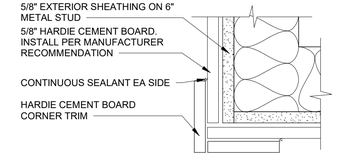
5 DETAIL
1 1/2" = 1'-0"



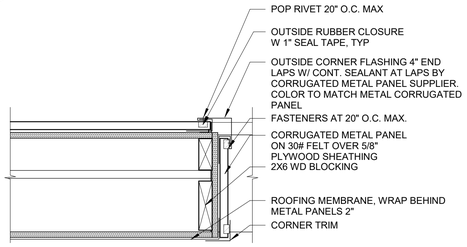
3 LADDER BLOCKING DETAIL
1 1/2" = 1'-0"



2 PARAPET AT ACCESS LADDER
3" = 1'-0"



6 OUTSIDE CORNER DETAIL
3" = 1'-0"



1 WALL OPENING AT LADDER
1 1/2" = 1'-0"

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA031173
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

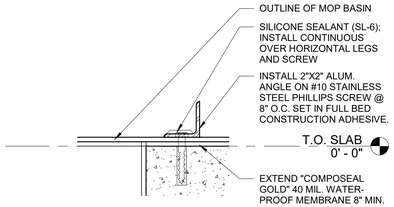
DETAILS

SHEET NUMBER

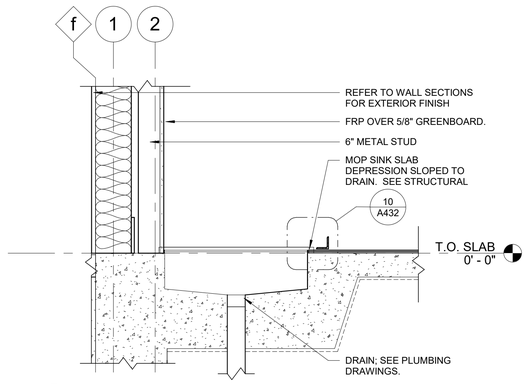
A431

ISSUED FOR CONSTRUCTION

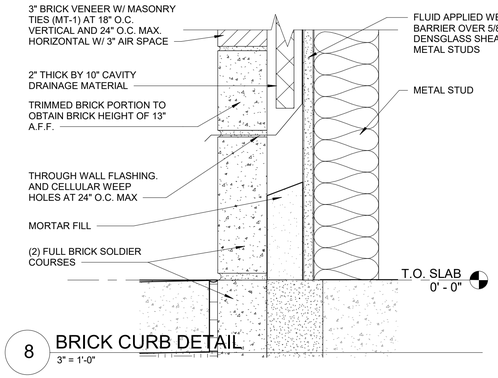
APPLICABLE SPB(s): 2022.0202



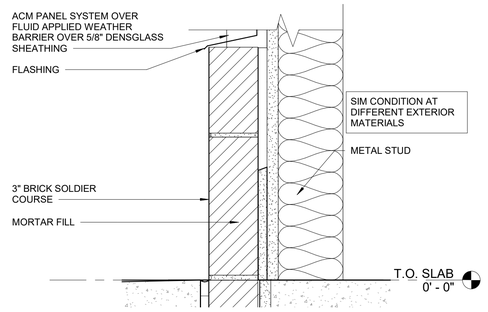
10 ENLARGED ALUMINUM ANGLE DETAIL
3" = 1'-0"



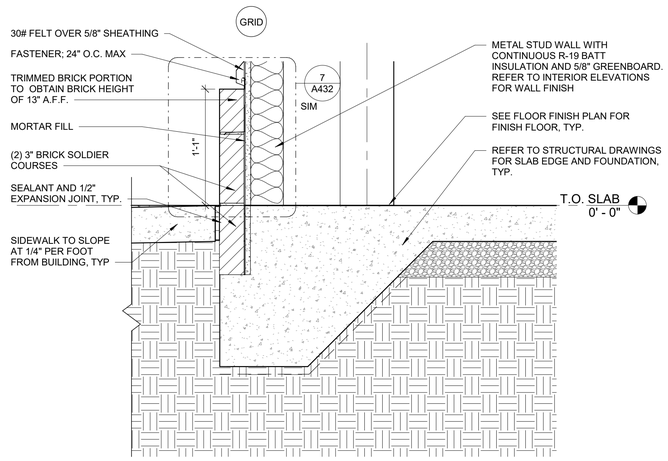
9 SECTION AT MOP SINK
1" = 1'-0"



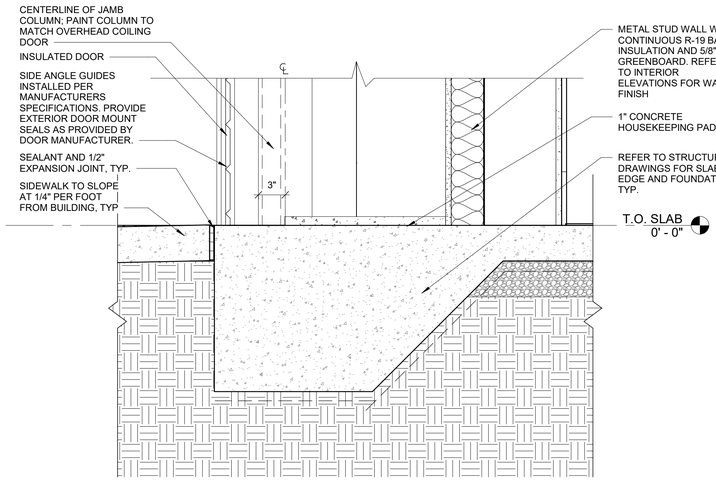
8 BRICK CURB DETAIL
3" = 1'-0"



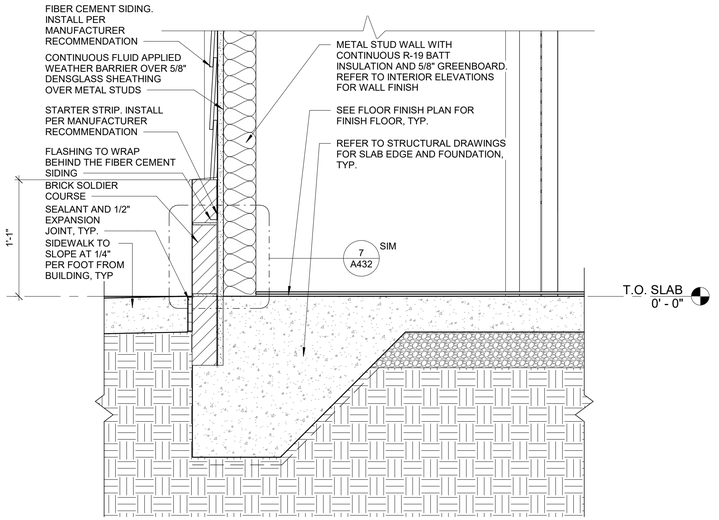
7 CURB DETAIL
3" = 1'-0"



6 TYPICAL FOUNDATION DETAIL
1 1/2" = 1'-0"

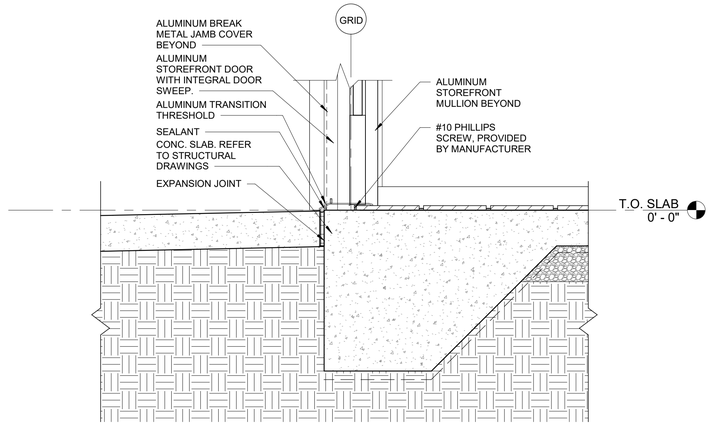


5 FOUNDATION DETAIL
1 1/2" = 1'-0"

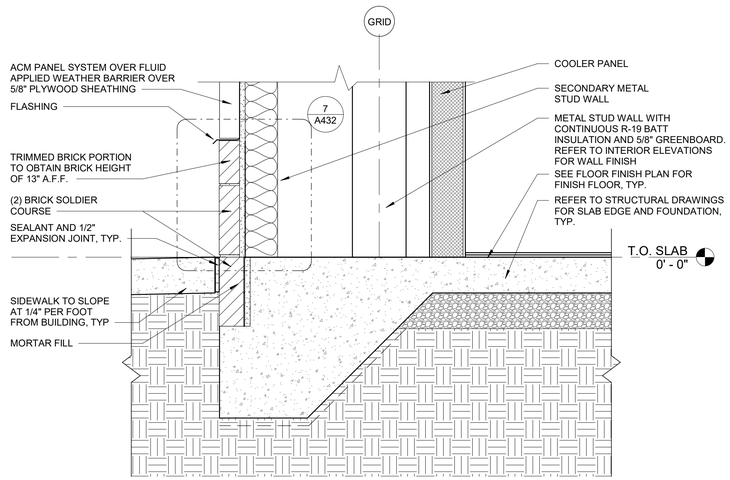


NOTE: SIM CONDITION WITH SECONDARY 6" METAL STUD

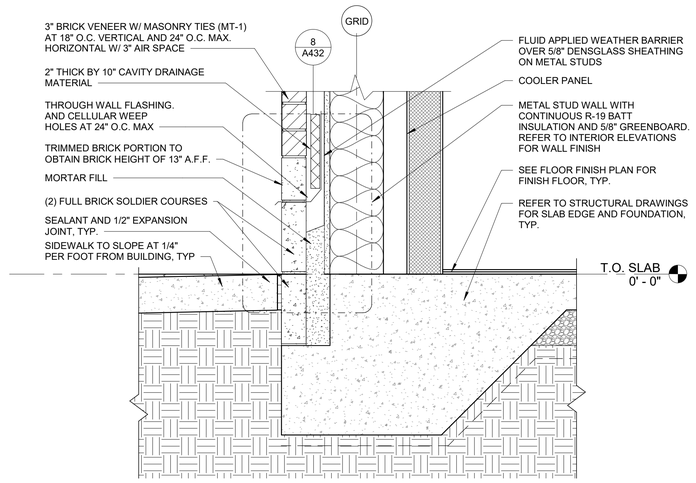
4 FOUNDATION DETAIL AT HARDIE BOARD
1 1/2" = 1'-0"



3 FOUNDATION DETAIL AT STOREFRONT
1 1/2" = 1'-0"



2 FOUNDATION DETAIL
1 1/2" = 1'-0"



NOTE: SIM CONDITION WITHOUT COOLER PANEL

1 TYPICAL FOUNDATION DETAIL
1 1/2" = 1'-0"

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ATLANTA, GEORGIA 30339
(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA021175
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

DETAILS

SHEET NUMBER

A432

ISSUED FOR CONSTRUCTION

FINISH SCHEDULE

ID	MANUFACTURER	MATERIAL	FINISH	COMMENTS
BASE				
B-2	ROPPE	ROPPE 700 SERIES WITH TOE BASE		BLACK 100
B-3	DALTILE	VOLUME 1 - ELECTRIC MOSS - VL79		GROUT G-3
CARPET				
C-1	--	ANTIFATIGUE MAT	-	FURNISHED BY RACETRAC; FLAME SPREAD AND SMOKE DEVELOPMENT TO MEET 'CLASS A'
CEILING				
CL-2	ARMSTRONG	24"X48" #793 GEORGIAN - HIGH WASHABILITY		WHITE; 15/16" WHITE GRID; ASTM E84 FLAME SPREAD INDEX 25 OR LESS, SMOKE DEVELOPED INDEX 50 OR LESS
CL-3	---	GYPSUM BOARD PAINTED 6252 ICE CUBE		GYPSUM BOARD SELECTED FOR INTERIOR FINISHES MUST MEET FLAME SPREAD AND SMOKE DEVELOPMENT 'CLASS A'
PAINT				
IP-2	SHERWIN WILLIAMS	7073 NETWORK GRAY, SEMI GLOSS	SEMI-GLOSS	GYPSUM BOARD SELECTED FOR INTERIOR FINISHES MUST MEET FLAME SPREAD AND SMOKE DEVELOPMENT 'CLASS A'
IP-3	SHERWIN WILLIAMS	6552 ICE CUBE, SEMI GLOSS	SEMI-GLOSS	GYPSUM BOARD SELECTED FOR INTERIOR FINISHES MUST MEET FLAME SPREAD AND SMOKE DEVELOPMENT 'CLASS A'
IP-4	SHERWIN WILLIAMS	7075 WEB GRAY; PRO INDUSTRIAL WATERBORNE ACRYLIC DRYFALL B42T000081 FLAT	FLAT	GYPSUM BOARD SELECTED FOR INTERIOR FINISHES MUST MEET FLAME SPREAD AND SMOKE DEVELOPMENT 'CLASS A'
IP-5	SHERWIN WILLIAMS	RACEWAY BLUE (CUSTOM COLOR MIX)	SEMI-GLOSS	GYPSUM BOARD SELECTED FOR INTERIOR FINISHES MUST MEET FLAME SPREAD AND SMOKE DEVELOPMENT 'CLASS A'
TILE				
FT-2	SHERWIN WILLIAMS	EPOXY FLOOR COATING		1000 EPOXY FLOOR COATING OVERONE COAT OF SL-1
FT-4	DALTILE	VOLUME 1 - ELECTRIC MOSS - VL79		GROUT G-3
WT-3	DALTILE	VOLUME 1 - REVERB ASH - VL74		GROUT G-2
WALL CLADDING				
FRP-1	MARLITE	P100 WHITE	WHITE	
WALL COVERING				
WC-1	---	RACEWAY WOODGRAIN PANEL DESIGN; DELTA0380		FOR WALLS RECEIVING WALL COVERINGS: PRIME WALLS WITH ROMAN PRO 977 ULTRA PRIMER PRIOR TO RECEIVING WALL FINISH. MANUFACTURER, PRODUCT LINE, PROVIDED BY RACEWAY; FLAME SPREAD AND SMOKE DEVELOPMENT TO MEET 'CLASS A'
WC-2	---	HONEYCOMB GRAPHIC WALLCOVERING; NAPOLEAN STERLING ENA3915		FOR WALLS RECEIVING WALL COVERINGS: PRIME WALLS WITH ROMAN PRO 977 ULTRA PRIMER PRIOR TO RECEIVING WALL FINISH. MANUFACTURER, PRODUCT LINE, PROVIDED BY RACEWAY; FLAME SPREAD AND SMOKE DEVELOPMENT TO MEET 'CLASS A'
WC-3	---	PIXEL WALL COVERING		FOR WALLS RECEIVING WALL COVERINGS: PRIME WALLS WITH ROMAN PRO 977 ULTRA PRIMER PRIOR TO RECEIVING WALL FINISH. MANUFACTURER, PRODUCT LINE, PROVIDED BY RACEWAY; FLAME SPREAD AND SMOKE DEVELOPMENT TO MEET 'CLASS A'
WINDOW FILM				
WF-1	NGS	WINDOW FILM; 3M PRESTIGE 70 SOLAR FILM		SEE A600 FOR WINDOW FILM LOCATIONS
WF-2	NGS	CUSTOM COLOR - MATCH VINYL FILM TO PMS 485 FOR 1ST SURFACE APPLICATION		SEE A600 FOR WINDOW FILM LOCATIONS, NGS TO FURNISH AND INSTALL
FLASHING/WEEPS				
FL-1	-	STAINLESS STEEL THROUGH WALL FLASHING	COLOR TO MATCH BR-1	INSTALL AT ALL THROUGH WALL FLASHING LOCATIONS AND UNLESS NOTED OTHERWISE
FL-2	-	ANODIZED ALUMINUM SILL FLASHING AND TRIM	ANODIZED BRONZE TO MATCH STOREFRONT	INSTALL AT ALL WINDOW SILL S AND LOCATIONS ADJACENT TO ACM PANELS
WP-1	HOHMANN AND BARNARD, INC.	QV- QUADRO VENT	CLEAR	1/4" WIDTH, SEE SHEET C100. USE FOR EXTERIOR BRICK MORTAR
EXTERIOR SHEATHING				
ES-1	GEORGIA-PACIFIC GYPSUM.	5/8" DENSGLASS EXTERIOR SHEATHING		SCREW SIZE TO MATCH MANUFACTURER SPECIFICATIONS: # 6 x 1/4" BUNGLE HEAD SCREW
DENSGLASS SHEATHING ATTACHMENT CHART	WIND SPEED (MPH)	SCREWS (IN/O.C.)	NOTES: PROJECTS MUST ADHERE TO THE FOLLOWING REQUIREMENTS: 1. 5/8" THICK DENSGLASS MINIMUM. 2. 18 GAUGE STUD (MIN). 3. 16" O.C. STUD SPACING. 4. SCREWS DETERMINED BY MANUFACTURER. 5. SEE BUILDING WIND DESIGN FOR WIND SPEED. 6. WIND SPEED DETERMINED	
	115-169	8		
	170-215	6		
ES-2		5/8" EXT. GRADE CDX PLYWOOD SHEATHING: #10 TEKS SCREW @ 6" O.C.		
MASONRY TIES				
MT-1	HOHMANN & BARNARD, INC.	HB-213 ADJUSTABLE VENEER ANCHOR		BRICK TO STUD
MT-2	HOHMANN & BARNARD, INC.	#170-2X LOX-ALL ADJUSTABLE TRUSS EYE-WIRE LADDER REINFORCEMENT		BRICK TO CMU
MT-3	HECKMAN	POS-I-TIE VENEER ANCHOR		CULTURED STONE VENEER ANCHOR ORIENTED VERTICALLY.
BUILDING INSULATION - BASIS OF DESIGN				
INS-1	JOHNS MANSVILLE	ROOF INSULATION - RIGID INSULATION R-30 FLAME SPREAD 25 OR LESS. SMOKE DEVELOPED OF 0-450		
INS-2	JOHNS MANSVILLE	EXTERIOR WALL INSULATION - BATT INS. R-19 FLAME SPREAD 25 OR LESS		
WEATHER BARRIER				
WB-1	STO	STO GUARD GOLD COAT VAPOR PERMEABLE FLUID-APPLIED WATER BARRIER MEMBRANE WITH PVC STARTER STRIP/WEEP AND METAL FLASHING AS RECOMMENDED BY MANUFACTURER		
GROUT				
G-2	MAPEI	ULTRACOLOR FA	#15 BONE	BATHROOMS WALLS
G-3	MAPEI	ULTRACOLOR FA	#10 BLACK	GROUT FOR RESTROOM/SALES FLOOR
SEALANT				
SL-1	SHERWIN WILLIAMS	EPOXY FLOOR SEALER	ARMORSEAL 33 EPOXY PRIMER/SEALER	
SL-2	TREMCO	SPECTREM #3 LOW-MODULUS SILICONE SEALANT	CHARCOAL	USE AT EXPANSION JOINTS
SL-3	DOW	DOWSIL GENERAL PURPOSE SILICONE SEALANT	CLEAR	USE AT MOP SINK

APPLICABLE SPB(s):

RACEWAY

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

22.765.00

SHEET TITLE

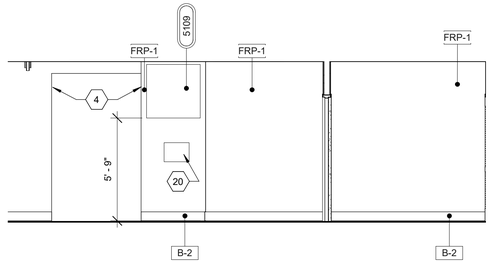
ROOM FINISH AND MATERIAL SCHEDULES

SHEET NUMBER

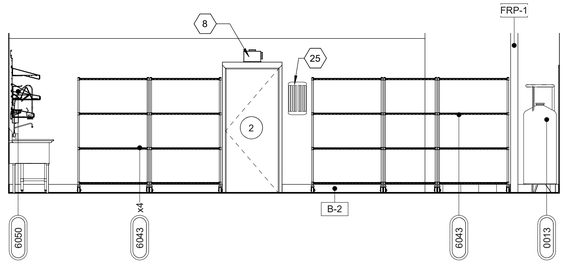
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ISSUED FOR CONSTRUCTION

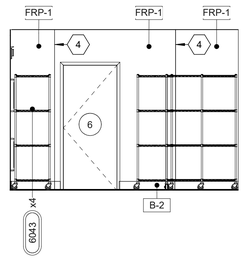
APPLICABLE SPB(s): 2022.0208



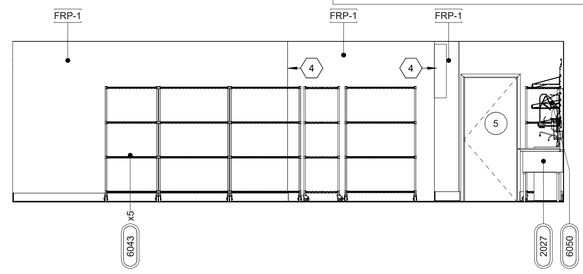
12 RECEIVING BACK OF HOUSE
1/4" = 1'-0"



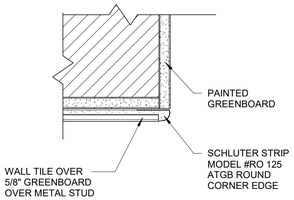
9 RECEIVING BACK OF HOUSE
1/4" = 1'-0"



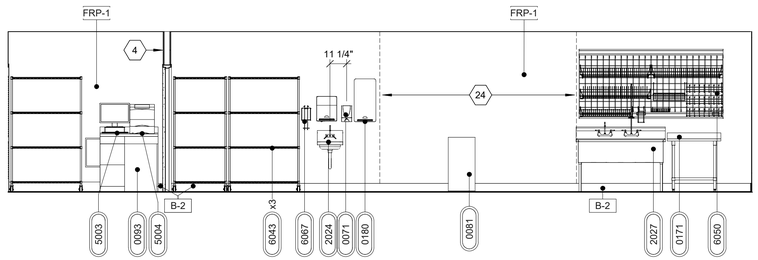
8 RECEIVING BACK OF HOUSE
1/4" = 1'-0"



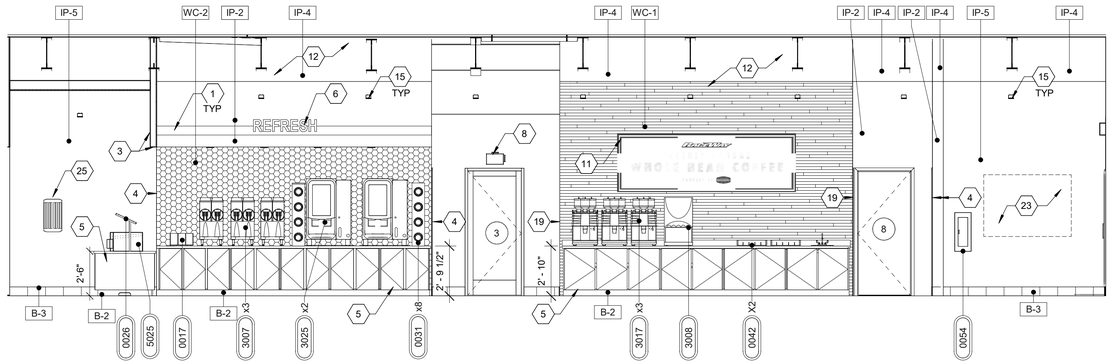
7 RECEIVING BACK OF HOUSE
1/4" = 1'-0"



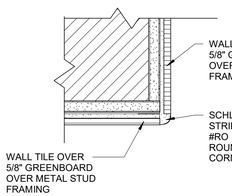
11 TILE TO GYP CORNER DETAIL
3" = 1'-0"



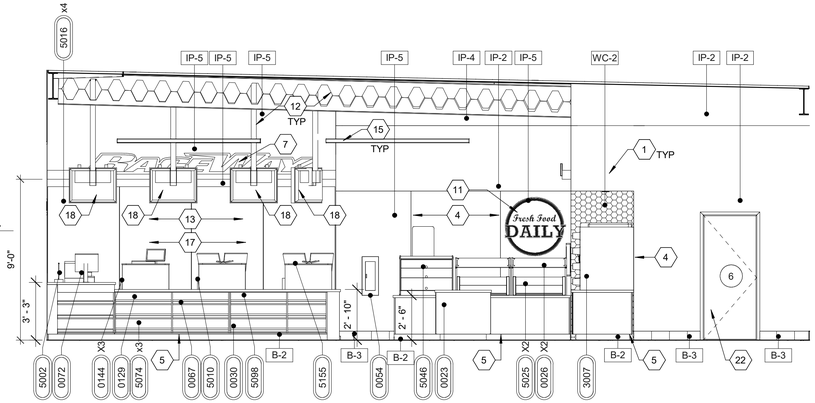
6 RECEIVING BACK OF HOUSE
1/4" = 1'-0"



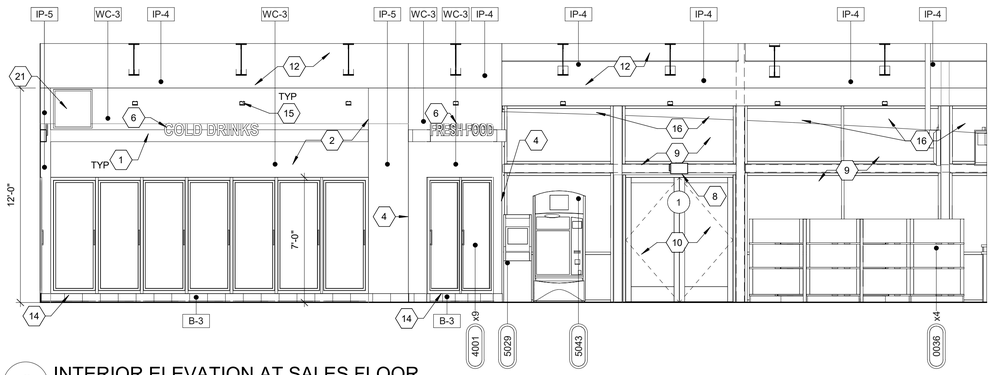
5 INTERIOR ELEVATION AT SALES FLOOR
1/4" = 1'-0"



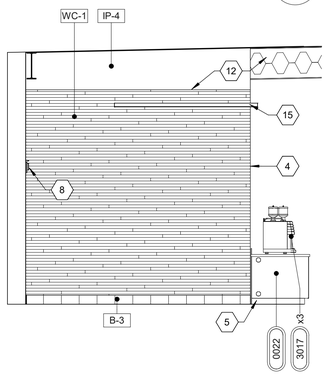
10 TILE TO TILE CORNER DETAIL
3" = 1'-0"



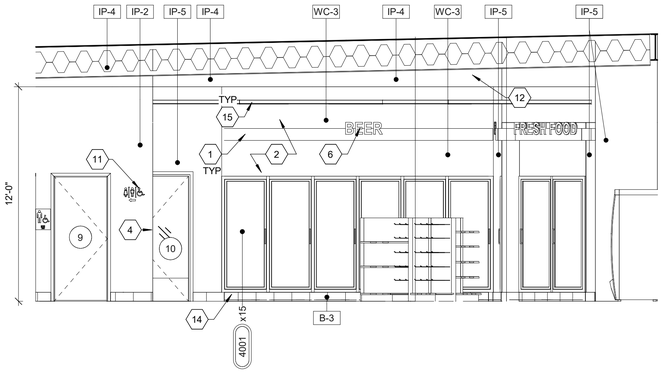
4 INTERIOR ELEVATION AT SALES FLOOR
1/4" = 1'-0"



3 INTERIOR ELEVATION AT SALES FLOOR
1/4" = 1'-0"



2 WOOD WALL ENTRY ELEVATION
1/4" = 1'-0"



1 INTERIOR ELEVATION AT SALES FLOOR
1/4" = 1'-0"

SHEET KEYNOTES (X)	
1	MDF VINYL WRAPPED BAND (RED) BY DECOR VENDOR
2	SHEETROCK ENTIRE FACE OF WALK-IN COOLERS AND FREEZER PANELS.
3	PAINT IP-2
4	PROVIDE WELLGUARD CORNER GUARD 8'-0" HIGH DEFENDR SERIES 2340. 1"UNDRILLED WITH ADHESIVE
5	MILLWORK BY MILLWORK VENDOR
6	MARKETING BY RACEWAY
7	BRAND SIGNAGE
8	EXIT SIGN
9	STOREFRONT SYSTEM BEYOND
10	STOREFRONT ENTRY AS SCHEDULED BEYOND
11	VINYL GRAPHICS BY OTHER
12	CEILIING OPEN TO STRUCTURE. PAINT IP-4.
13	PROVIDE BLOCKING FOR COMMERCIAL DISPLAYS PER MANUFACTURER RECOMMENDATIONS
14	GC TO INSTALL BLACK FLAT .040 BRAKE METAL WITH HEMMED EDGES IN SPACES BETWEEN THE BOTTOM OF THE COOLER DOORS AND THE TOP OF THE BASE TILE. GC. TO VIELD VERIFY HEIGHT
15	LIGHT FIXTURES
16	VINYL FILM, CUSTOM COLOR TO MATCH RED VINYL BAND. WF-2, SEE SHEET A500 AND A600
17	PAINT WALL IP-5 BEHIND CIGARETTE FIXTURES
18	SECURITY MONITORS TO BE MOUNTED PER MANFACTURERS RECOMMENDATION.
19	PROVIDE WELLGUARD CORNER GUARD 8'-0" HIGH DEFENDR SERIES 2340. 1"UNDRILLED WITH ADHESIVE
20	#5005 VEEDER ROOT; TO BE MOUNTED AT HEIGHT RECOMMENDED BY MANUFACTURER; SEE ELECTRICAL
21	COOLER 24"x24" ACCESS PANEL TO BE PAINTED IP-5. COORDINATE LOCATION WITH MECHANICAL AND STRUCTURAL PLACEMENT.
22	DOOR FINISH TO MATCH ADJACENT PAINT COLORS
23	WALL DECOR; SEE DECOR PACKAGE

SHEET KEYNOTES	
24	EXTENTS OF FUTURE STAINLESS STEEL WALL AND CEILING PANELS FOR FUTURE FRYER HOOD.
25	FLYLIGHT (GENIUS SPECTRA); TO BE INSTALLED BY GC PER MANUFACTURERS INSTRUCTIONS; SEE ELECTRICAL.

GENERAL NOTES

1. ALL FINISH FLOOR ELEVATIONS TAKEN FROM TOP OF TILE.
2. COFFEE AND FROZEN DRINK DISPENSER TO COMPLY WITH THE REACH RANGES OR 15" LOW & 48" HIGH PER 2010 ADA STANDARDS, SECTION 308
3. ALL SELF SERVICE STATIONS SHALL BE INSTALLED TO HAVE A MAX. REACH HEIGHT OF 48" AS MEASURED TO THE HIGHEST OPERABLE PART (44" IF REACH 20"-25")
4. DRINKING FOUNTAINS (2010 ADA SECTION 602): THE SPOUT SHALL BE LOCATED 15" MIN. FROM VERTICAL SUPPORT AND 5" MAX FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4" HIGH MIN AND SHALL BE LOCATED 5" MAX FROM THE FRONT OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3" OF THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAX. (MEASURED HORIZONTALLY FROM THE FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED BETWEEN 3" AND 5" MAX. FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAX.)
5. DRINKING FOUNTAINS (2010 ADA SECTION 602): DRINKING FOUNTAINS FOR STANDING PERSONS SHALL HAVE A SPOUT HEIGHT OF 38" TO 43" AND SHALL NOT COMPLY WITH ABOVE NOTE.
6. ALL INTERIOR METAL STUDS ARE 3-5/8" U.N.O.
7. ALL GYPSUM BOARD TO BE 5/8" THICK GREENBOARD PREPPED WITH KILTZ PRIMER UNLESS NOTED OTHERWISE.
8. PROVIDE DRYWALL FINISH LEVEL 4 WHERE FLAT PAINTS, LIGHT TEXTURES OR WALLCOVERINGS ARE TO BE APPLIED.
9. PROVIDE DRYWALL FINISH LEVEL 4 WHERE GLOSS, SEMI-GLOSS, ENAMEL, OR NON-TEXTURED FLAT PAINTS ARE SPECIFIED OR WHERE SEVERE LIGHTING CONDITIONS OCCUR.
10. PROVIDE JOINT SEALANT AND JUNCTURE OF ALL DISSIMILAR MATERIALS.
11. INSTALL GREENBOARD ON OUTSIDE FACES OF WALK-IN COOLERS AND FREEZERS:
    A. LIGHTLY SAND SURFACE OF COOLER/FREEZER FACES TO INSURE BONDING OF ADHESIVE.
    B. ADHESIVE TO BE BOSTIK, ULTRA-SET APPROVED EQUAL.
    C. INSTALL GREENBOARD IN FULL BED OF ADHESIVE WITH NOTCHED TROWEL. PROVIDE INSTALLATION IN ACCORDANCE WITH THE ADHESIVE MANUFACTURERS PRINTED INSTRUCTIONS.
12. PROVIDE BLOCKING AS REQUIRED FOR ALL WALL MOUNTED FIXTURES AND EQUIPMENT.
13. FOR WALLS RECEIVING WALL COVERINGS: PRIME WALLS WITH ROMAN PRO 977 ULTRA PRIMER PRIOR TO RECEIVING WALL FINISH. MANUFACTURERS PRODUCT LINE TO BE PROVIDED BY RACEWAY, FRAME SPREAD AND SMOKE DEELOPMENT TO MEET 'CLASS A'

RACEWAY
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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84
BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. RA017175
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

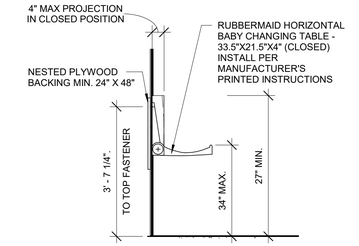
INTERIOR ELEVATIONS

SHEET NUMBER

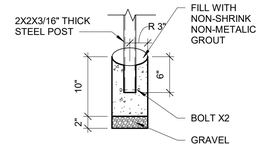
A501

ISSUED FOR CONSTRUCTION

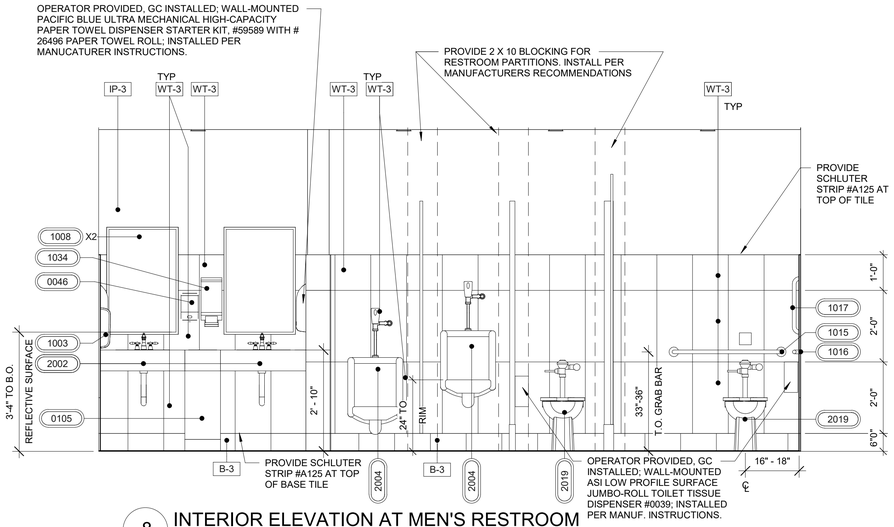
APPLICABLE SPB(s): 2022.0208



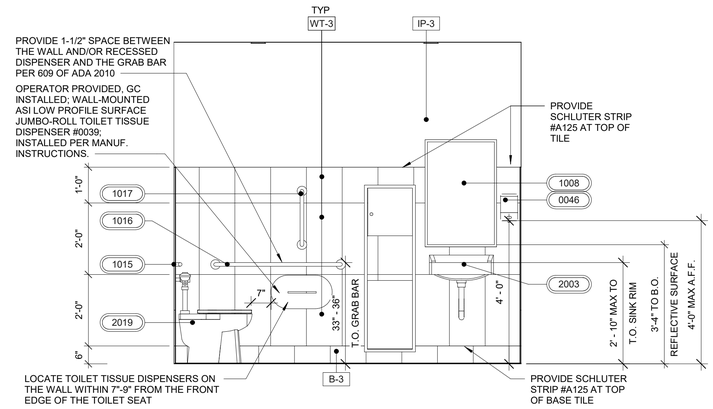
10 BABY CHANGING STATION
1/2" = 1'-0"



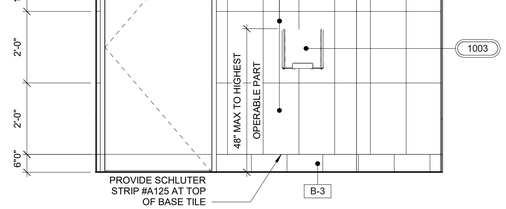
9 STALL PARTITION PILASTER DETAIL
1" = 1'-0"



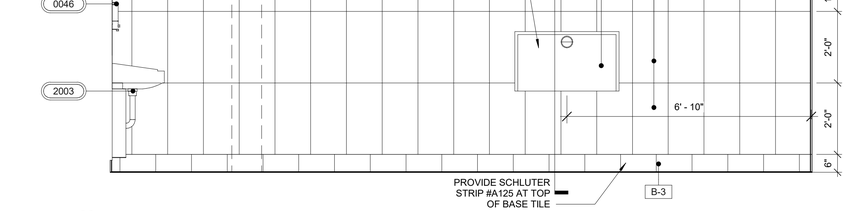
8 INTERIOR ELEVATION AT MEN'S RESTROOM
1/2" = 1'-0"



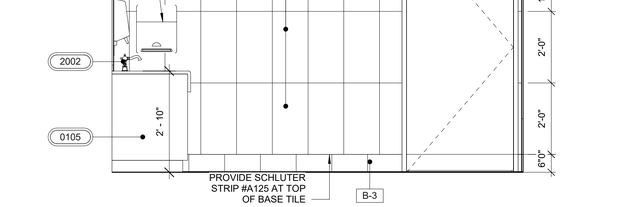
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1/2" = 1'-0"



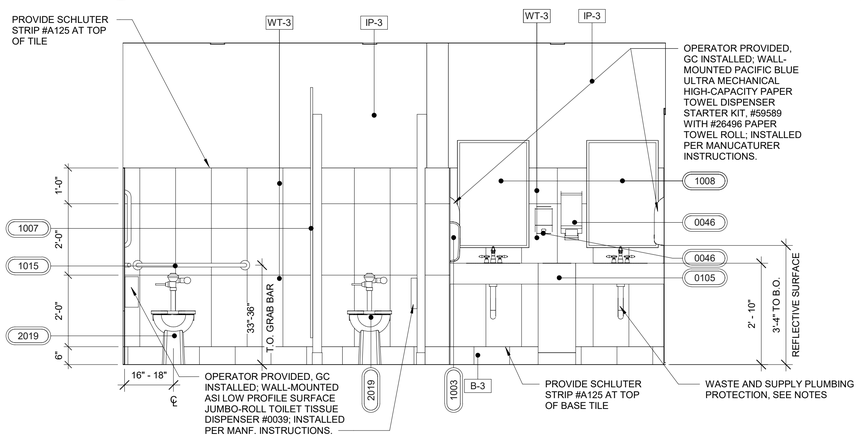
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1/2" = 1'-0"



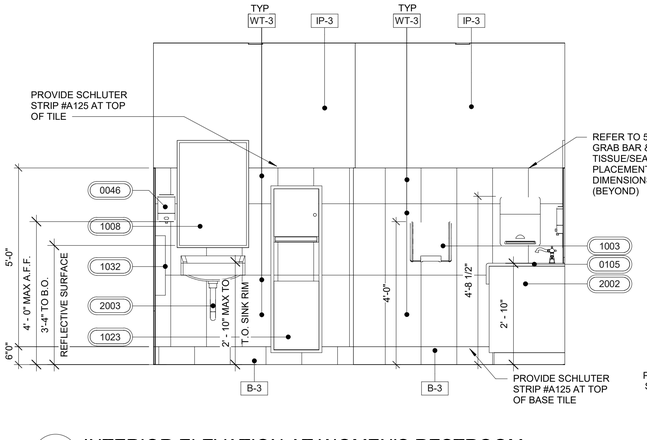
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1/2" = 1'-0"



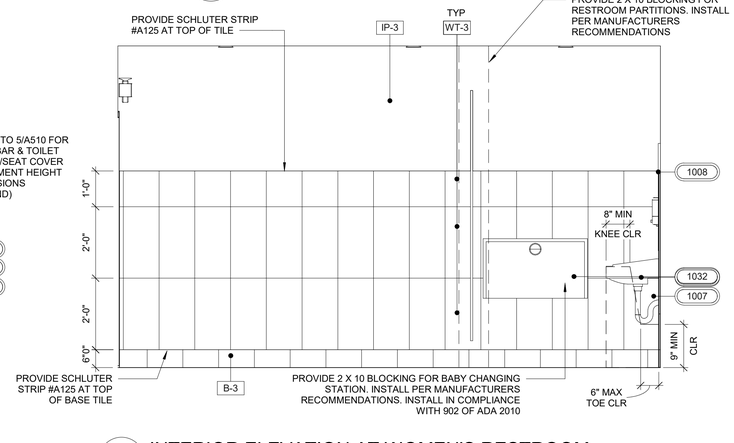
4 INTERIOR ELEVATION AT WOMEN'S RESTROOM
1/2" = 1'-0"



3 INTERIOR ELEVATION AT WOMEN'S RESTROOM
1/2" = 1'-0"



2 INTERIOR ELEVATION AT WOMEN'S RESTROOM
1/2" = 1'-0"



1 INTERIOR ELEVATION AT WOMEN'S RESTROOM
1/2" = 1'-0"

RACEWAY
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RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL



PROJECT NUMBER

22.765.00

SHEET TITLE

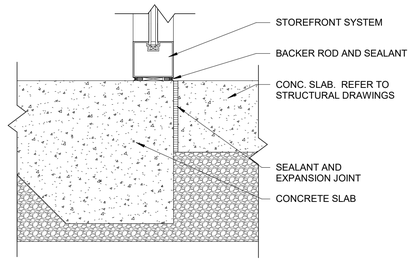
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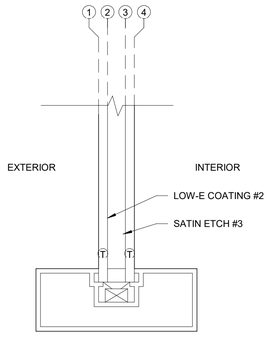
A510

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0202

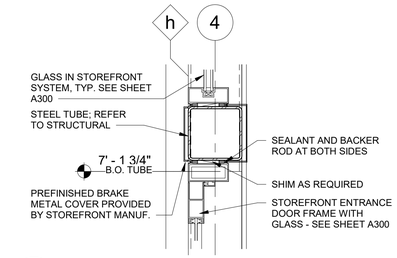


6 SILL AT STOREFRONT
1 1/2" = 1'-0"

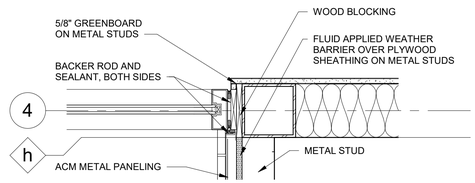


1" INSULATED (NON-IMPACT) GLAZING UNIT. SEE SHEET A300 FOR SYSTEM SPEC.

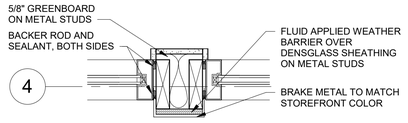
5 NON-IMPACT RATED SYSTEM
6" = 1'-0"



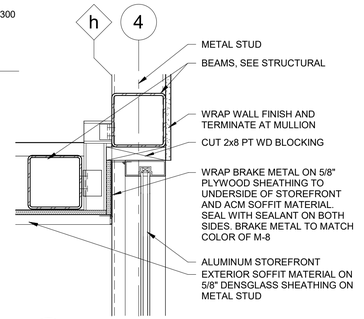
10 HEAD AT STOREFRONT
1 1/2" = 1'-0"



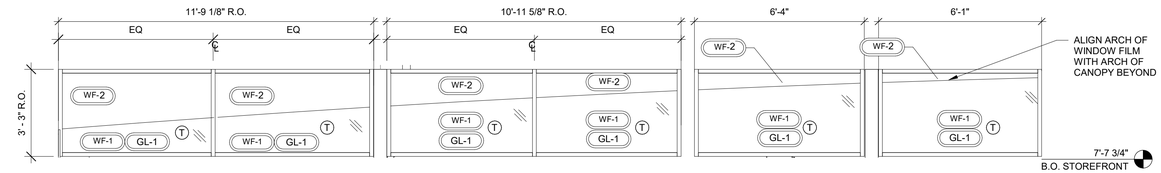
9 STOREFRONT JAMB DETAIL
1 1/2" = 1'-0"



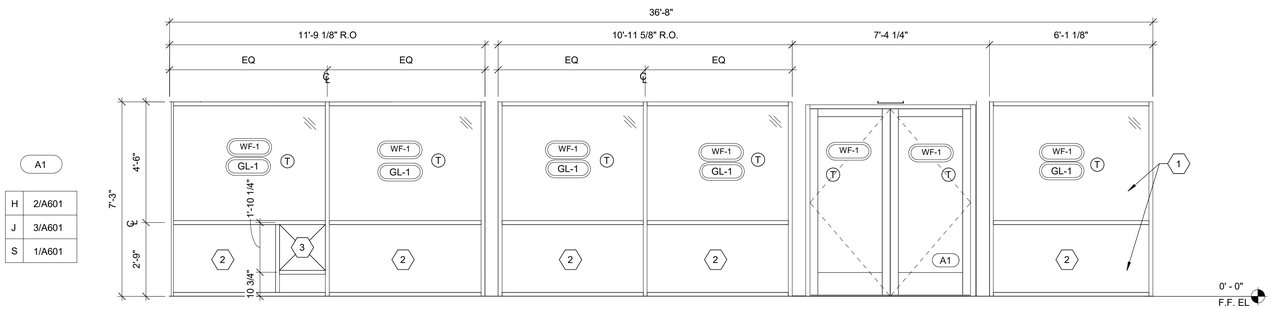
8 STOREFRONT JAMB AT DOOR
1 1/2" = 1'-0"



7 STOREFRONT HEAD DETAIL
1 1/2" = 1'-0"



3 STOREFRONT ELEVATION A2
3/8" = 1'-0"



1 STOREFRONT ELEVATION A1
3/8" = 1'-0"

GLASS TYPES

T	TEMPERED GLASS

SHEET KEYNOTES (X)

1	INSIDE GLAZED STOREFRONT
2	1" ENDUREX INSULATED ALUMINUM PANELS BY STOREFRONT MANUFACTURER. METAL TO MATCH STOREFRONT COLOR, DARK BRONZE.
3	PROVIDE OPENING FOR PACKAGE PASSER. VERIFY DIMENSIONS OF OPENING AND LOCATION OF SUPPORTING MULLIONS WITH MANUFACTURER.

RACEWAY

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. 024175
REGISTERED ARCHITECT

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

WINDOW ELEVATIONS AND DETAILS

SHEET NUMBER

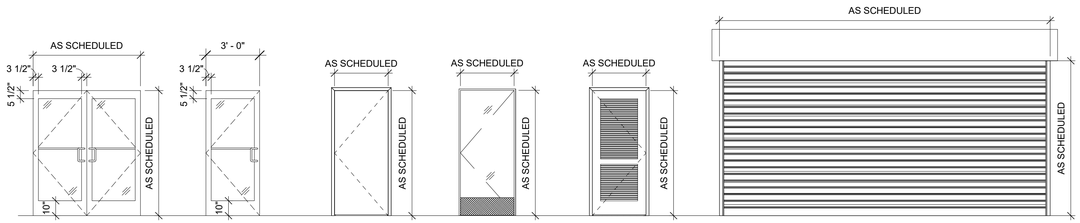
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ISSUED FOR CONSTRUCTION

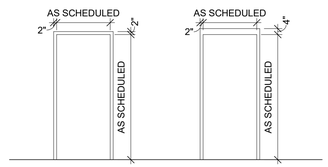
APPLICABLE SPB(s): 2022.0206

DOOR SCHEDULE

MARK	LOCATION	DOORS									FRAME						HARDWARE SET	FIRE RATING	COMMENTS
		NUMBER OF LEAVES	DOOR TYPE	WIDTH	HEIGHT	DEPTH	MATERIAL	FINISH	MANUFACTURER	MODEL	FRAME TYPE	MATERIAL	FINISH	HEAD	JAMB	SILL			
1	SALES FLOOR	2	A	6' - 0"	7' - 0"	0' - 1 3/4"	GLASS/ALUM	DARK BRONZE ANODIZED	OLD CASTLE	-	STOREFRONT A/B	ALUMINUM	DARK BRONZE ANODIZED	7/A600	9/A600	3/A701	1	-	PAIR OF DOORS - MEDIUM STILE WITH 10" BOTTOM RAIL; SHGC VALUE / 0/27, U-VALUE =6.0
2	BACKROOM/DRY STORAGE	1	C	3' - 0"	7' - 0"	0' - 1 3/4"	HOLLOW METAL	EP-5	-	-	2	HOLLOW METAL	EP-5	6/AA701	4/A701	1/A701	4	-	INSULATED DOOR; R-VALUE = 5.21
3	SALES FLOOR	1	B	3' - 0"	7' - 0"	0' - 1 3/4"	GLASS/ALUM	DARK BRONZE ANODIZED	OLD CASTLE	-	STOREFRONT A/B	ALUMINUM	DARK BRONZE ANODIZED	7/A600	9/A600	3/A701	10	-	MEDIUM STILE WITH 10" BOTTOM RAIL; SHGC VALUE / 0/27, U-VALUE =6.0
4	ELECTRICAL CLOSET	1	H	15' - 0"	8' - 8"	0' - 2"	STEEL	RAL 7037 DUSTY GREY	WAYNE DALTON	823 C	BY MANUF.	HOLLOW METAL	RAL 7037 DUSTY GREY	8/A701	9/A701	5/A432	BY MANUF.	-	INSULATED DOOR; R-VALUE = 5.21
5	DATA CLOSET	2	G	5' - 0"	7' - 0"	0' - 1 3/4"	SOLID CORE PARTICLE BOARD	WILSONART PHANTOM CHARCOAL	MILLENNIUM	7902	1	BY MANUF.	BY MANUF.	BY MANUF.	BY MANUF.	BY MANUF.	BY MANUF.	-	LOUVERED DOOR BY MILLWORK VENDOR
6	BACKROOM/DRY STORAGE	1	C	3' - 0"	7' - 0"	0' - 1 3/4"	SOLID CORE PARTICLE BOARD	WILSONART GREY 1500-60	VT INDUSTRIES	303H	1	HOLLOW METAL	IP-2	7/A701	5/A701	2/A701	4	-	UNDERCUT DOOR 1"
7	WOMENS RESTROOM	1	C	3' - 0"	7' - 0"	0' - 1 3/4"	SOLID CORE PARTICLE BOARD	WILSONART CEMENT D503-60	VT INDUSTRIES	303H	1	HOLLOW METAL	IP-2	7/A701	5/A701	2/A701	3	-	UNDERCUT DOOR 1"
8	UTILITY	1	C	3' - 0"	7' - 0"	0' - 1 3/4"	SOLID CORE PARTICLE BOARD	WILSONART CEMENT D503-60	VT INDUSTRIES	303H	1	HOLLOW METAL	IP-2	7/A701	5/A701	2/A701	2	-	UNDERCUT DOOR 1"
9	MENS RESTROOM	1	C	3' - 0"	7' - 0"	0' - 1 3/4"	SOLID CORE PARTICLE BOARD	WILSONART CEMENT D503-60	VT INDUSTRIES	303H	1	HOLLOW METAL	IP-2	7/A701	5/A701	2/A701	3	-	UNDERCUT DOOR 1"
10	BEVERAGE COOLER	1	D	3' - 0"	7' - 0"	0' - 2"	GLASS	BY MANUF.	REDICO, INC.	#103B	BY MANUF.	GALVANIZED STEEL	BY MANUF.	---	---	---	6	-	DUAL THERMOMETER, HEATED VENT, LIGHT SWITCH. 10" STEEL KICK PLATE.
11	MANAGER OFFICE	1	G	3' - 0"	7' - 0"	0' - 1 3/4"	SOLID CORE PARTICLE BOARD	IP-2	VT INDUSTRIES	303H	1	HOLLOW METAL	BY MANUF.	7/A701	5/A701	---	2	-	UNDERCUT DOOR 1"; PAINTED IP-2 BOTH SIDES



DOOR TYPES
1/4" = 1'-0"



1 DOOR FRAMES
1/4" = 1'-0"

DOOR HARDWARE

SET 1: DOUBLE ENTRY DOORS

QTY	ITEM	DESCRIPTION	MODEL NUMBER	FINISH
2	CONTINUOUS HINGES	ROTON	ROTON 224HD	313
1	3 POINT LOCK, THRESH. RPD, HEADER BOLT	ADAMS RITE	MS1850-505/4015/4016	313
1	THUMBTURN	ADAMS RITE	CY-3	313
1	PERMANENT KEY CORE (G KEYWAY) BY RACETRAC	BEST	#IC6GI-626	613
1	CYLINDER HOUSING SFIC	SCHLAGE	80-133	613
2	CLOSER	LCN	4040 XP	695
2	DROP PLATE	LCN	4040-18PA	695
2	FLUSH BOLTS	OBE	FB-1201	613
1	DUST PROOF STRIKE	IVES	DPI	613
2	SETS PUSH PULLS	OBE	PH-20 & PB-21	313
1	THRESHOLD	OBE	TH-43	AL
2	DOOR BOTTOM SEALS	OBE	D118/D120	313

SET 2: RECEIVING DOORS

QTY	ITEM	MANUFACTURER	MODEL NUMBER	FINISH
3 PR	STANDARD HINGES	MCKINNEY	MPB91 - 4 1/2" X 4 1/2" US32D-NRP	US32D-NRP
1	CYLINDER	LOCKNET	LN2049C SFIC MORTISE CYLINDER	626
1	RIM CYLINDER	LOCKNET	LN2050	
1	SURFACE CLOSER	YALE	3501-PA 689	689
2	KICK PLATES	ROCKWOOD	K1050 8"X34"	US32D
2	LOCK PROTECTOR	ROCKWOOD	SD1260 US32D	US32D
1	THRESHOLD	PEMKO	254 72"	
2	WEATHERSTRIPPING	PEMKO	18062CNB 36"	C
1	WEATHERSTRIPPING	PEMKO	303AV-72"X84"	A
1	MISCELLANEOUS ITEM	PEMKO	PEMKO 346A 76"	A
2	MISCELLANEOUS ITEM	DON-JO	HDCC-3012-626	626
1	FLUSH BOLT	ROCKWOOD	555 12"	626
1	PANIC DEVICE	DETEX	V4003 P 628 94 EB	

SET 3: RESTROOM DOORS

QTY	ITEM	MANUFACTURER	MODEL NUMBER	FINISH
3	HINGES	ROCKWOOD	MPB79 - 4 1/2" X 4 1/2"	626
1	PUSH PLATE	ROCKWOOD	70 C - 4" X 16"	630
1	PULL PLATE	ROCKWOOD	107 X 70C 4" X 16"	630
1	CLOSER	YALE	1101BF	689
1	KICK PLATE	ROCKWOOD	K1050 - 10" X 34"	630
1	MOP PLATE	ROCKWOOD	K1050 - 6" X 34"	630
1	WALL STOP	ROCKWOOD	409	630
1	THRESHOLD	-	2" WIDE MARBLE TO MATCH LEVEL OF TILE	-
1	SIGN	ROCKWOOD	3" X 6" ADA SIGN	-

SET 4: BACK OF HOUSE DOORS

QTY	ITEM	MANUFACTURER	MODEL NUMBER	FINISH
3	STANDARD HINGES	MCKINNEY	MPB91 - 4 1/2" X 4 1/2" US32D-NRP	US32D-NRP
1	CYLINDER	LOCKNET	LN2049C SFIC MORTISE CYLINDER	626
1	RIM CYLINDER	LOCKNET	LN2050	626
1	SURFACE CLOSER	YALE	3501-PA 689	689
1	KICK PLATES	ROCKWOOD	K1050 8"X34"	US32D
1	LOCK PROTECTOR	ROCKWOOD	SD1260 US32D	US32D
1	THRESHOLD	PEMKO	254A36"	
1	WEATHERSTRIPPING	PEMKO	18062CNB 36"	C
1	WEATHERSTRIPPING	PEMKO	303AV-84"X84"	A
1	MISCELLANEOUS ITEM	PEMKO	PEMKO 346A 40"	A
1	MISCELLANEOUS ITEM	DON-JO	HDCC-3012-626	626
1	PANIC DEVICE	DETEX	V4003 P 628 94 EB	

SET 5: COOLER/FREEZER

QTY		MANUFACTURER	MODEL NUMBER	FINISH
1 PR	HINGES	BY COOLER / FREEZER MANUFACTURER		-
1	AUTO LOCK	BY COOLER / FREEZER MANUFACTURER		-
1	CLOSER	BY COOLER / FREEZER MANUFACTURER		-
1	KICK PLATE	BY COOLER / FREEZER MANUFACTURER		-

SET 6: DATA CLOSET

QTY	ITEM	MANUFACTURER	MODEL NUMBER	FINISH
6	HINGES	MCKINNEY	MPB79 - 4 1/2" X 4 1/2" US26D NRP	US26D
1	LOCKSET	YALE	B-PB 4705LN RHR 626	626
2	WALL DOOR STOP	ROCKWOOD	409 US32D	US32D
1	DOOR SILENCER	ROCKWOOD	608	-

SET 7: REAR ENTRY DOOR

QTY	ITEM	DESCRIPTION	MODEL NUMBER	FINISH
1	CONTINUOUS HINGES	ROTON	ROTON 224HD	313
1	3 POINT LOCK, THRESH. RPD, HEADER BOLT	ADAMS RITE	MS1850-505/4015/4016	313
1	THUMBTURN	ADAMS RITE	CY-3	313
1	PERMANENT KEY CORE (G KEYWAY) BY RACETRAC	BEST	#IC6GI-626	613
1	CYLINDER HOUSING SFIC	SCHLAGE	80-133	613
1	CLOSER	LCN	4040 XP	695
1	DROP PLATE	LCN	4040-18PA	695
1	DUST PROOF STRIKE	IVES	DPI	613
1	SETS PUSH PULLS	OBE	PH-20 & PB-21	313
1	THRESHOLD	OBE	TH-43	AL
1	DOOR BOTTOM SEALS	OBE	D118/D120	313

HARDWARE FINISHES

1. HINGES (EXTERIOR): 630 (US32D) SATIN STAINLESS STEEL.
2. CONTINUOUS HINGES: 313 DARK BRONZE ANODIZED (ALUMINUM DOORS) AND 628 CLEAR ANODIZED (HOLLOW METAL DOORS).
3. HINGES (INTERIOR METAL DOORS): 652 (US26D).
4. LOCKS: 626 (US26D) SATIN CHROME PLATED.
5. EXIT DEVICES WITH BATTERY POWERED ALARMS: 628 (US28).
6. DOOR CLOSER: 689 (POWDER COATED).
7. PUSH PLATES: 630 (US32D) SATIN STAINLESS STEEL.
8. PULL PLATES: 630 (US32D) SATIN STAINLESS STEEL.
9. PROTECTIVE PLATES: 630 (US32D) SATIN STAINLESS STEEL.
10. DOOR STOPS: 630 (US32D) SATIN STAINLESS STEEL OR 626 SATIN CHROME PLATED BRASS/BRONZE.
11. OVERHEAD HOLDERS: SP28 (POWDER COAT).
12. THRESHOLDS: 627 (US27) MILL FINISH ALUMINUM.
13. WEATHERSTRIP: 628 (US28) CLEAR ANODIZED ALUMINUM.

DOOR HARDWARE NOTES

1. EGRESS DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. (IBC 1008.1.8)
2. OPENING HARDWARE SHALL BE CENTERED BETWEEN 34" AND 48" ABOVE FINISH FLOOR. (IBC 1008.1.8)

DOOR THRESHOLD

1. FLOOR(S) OR LANDING(S) SHALL NOT BE MORE THAN 1/2" LOWER THAN THE TOP OF THE THRESHOLD DOORWAY. (2010 ADA 404.2.5)
2. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A GRADIENT OF 1:2. (2010 ADA 303.3) NOTE: A 1/2" MAXIMUM VERTICAL EDGE IS ALLOWABLE AT THRESHOLDS.

DOOR CLOSER

1. DOOR AND GATE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM. (2010 ADA 404.2.8.1)
2. SPRING HINGES: DOOR & GATE HINGES SHALL BE ADJUSTED SO THAT FROM A POSITION OF 70 DEGREES, THE DOOR OR GATE SHALL MOVE TO A CLOSED POSITION IN 1.5 SECONDS MINIMUM (2010 ADA 404.2.8.2)

DOOR GENERAL NOTES

1. ALL DOOR GLAZING SHALL BE TEMPERED.
2. REFER TO SHEET A001 FOR ADA AND OTHER CODE REQUIREMENTS.
3. REFER TO DOOR AND GLAZING SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. DOOR THICKNESS SHALL BE A MINIMUM OF 18 GAUGE MATERIAL.
5. EGRESS DOORS SHALL BE A MINIMUM OF 3'-0" IN WIDTH, 6'-8" IN HEIGHT. (IBC 1008.1.1)
6. DOORS OPEN A MINIMUM OF 90 DEGREES. (IBC 1008.1.1)
7. CLEAR WIDTH OF DOORWAY SHALL BE 32" MINIMUM. (2010 ADA 404.2.3)
8. DOUBLE DOORS - AT LEAST ONE MUST COMPLY WITH THE STATEMENTS ABOVE. (IBC 1008.1.1)
9. BOTTOM 10" OF DOOR SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE, KICK PLATE. (2010 ADA 404.2.10)
10. VERTICAL CLEARANCE SHALL BE 80" MIN, DOOR CLOSER AND DOOR STOPS SHALL BE PERMITTED TO BE 78" ABOVE FINISHED FLOOR (2010 ADA 307.4)
11. EFFORT TO OPERATE DOORS IS WITHIN PRESSURE ALLOWED.
    A. INTERIOR DOORS - 5 LBS. MAXIMUM PRESSURE TO OPERATE. (2010 ADA 404.2.9)
    B. EXTERIOR DOORS - 15 LBS. MAXIMUM PRESSURE TO OPERATE (2010 ADA 404.2.9)
12. ALL DOORS TO HAVE LEVER HANDLES OR EQUIVALENT MOUNTED NOT MORE THAN 42 INCHES ABOVE FINISHED FLOOR.
13. EXIT/EGRESS DOORS MEET NFPA 101 (502.1.5) LIFE SAFETY AND NFPA FIRE SAFETY REQUIREMENTS.

RACEWAY

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. 040171
REGISTERED ARCHITECT
2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

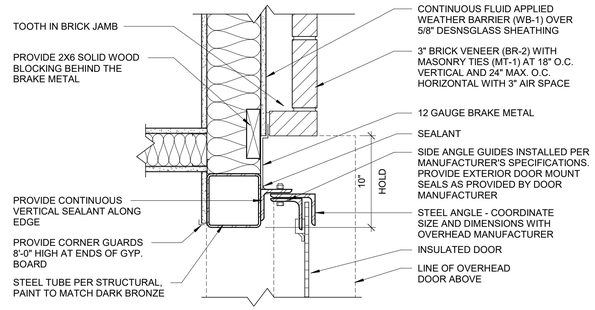
DOOR HARDWARE AND SCHEDULE

SHEET NUMBER

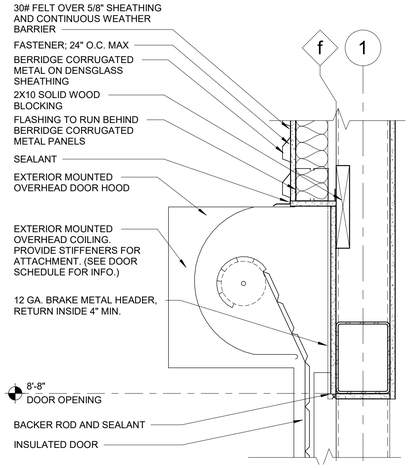
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ISSUED FOR CONSTRUCTION

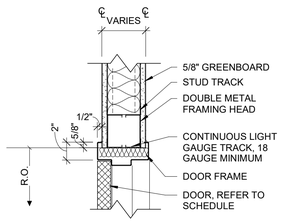
APPLICABLE SPB(s): 2022.0202, 2022.0206



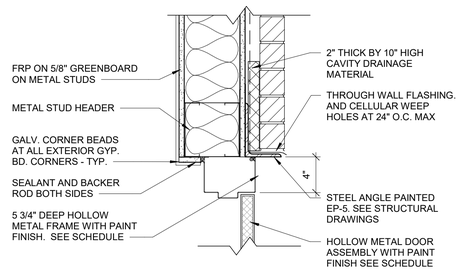
9 DETAIL - JAMB 03
1 1/2" = 1'-0"



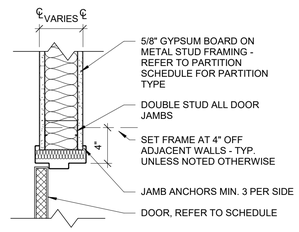
8 DETAIL - HEAD 03
1 1/2" = 1'-0"



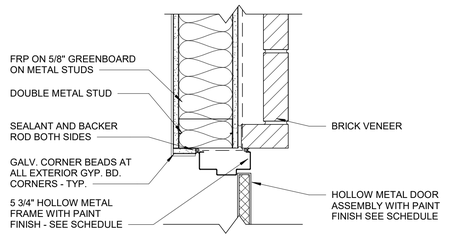
7 DETAIL - HEAD 02
1 1/2" = 1'-0"



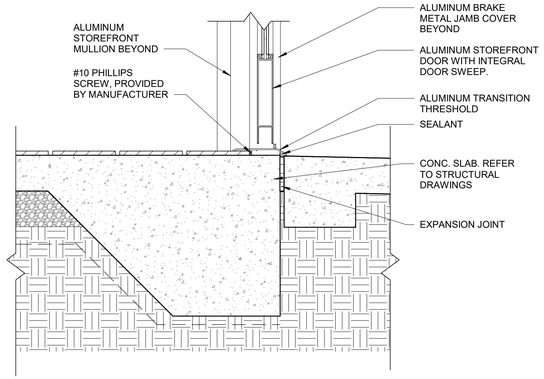
6 DETAIL - HEAD 01
1 1/2" = 1'-0"



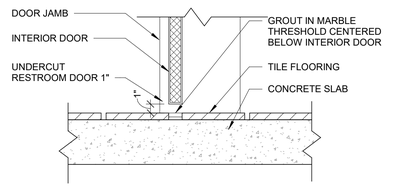
5 DETAIL - JAMB 02
1 1/2" = 1'-0"



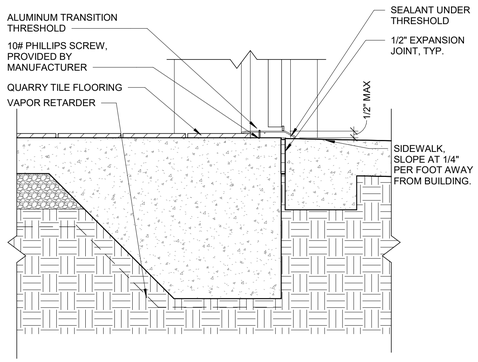
4 DETAIL - JAMB 01
1 1/2" = 1'-0"



3 DETAIL - SILL 05
1 1/2" = 1'-0"



2 DETAIL - SILL 02
1 1/2" = 1'-0"



1 DETAIL - SILL 01
1 1/2" = 1'-0"

RACEWAY

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DESIGN PROFESSIONALS

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

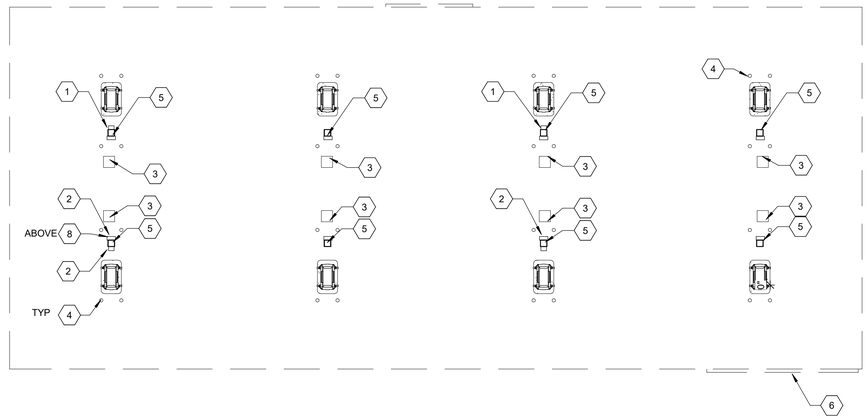
DOOR DETAILS

SHEET NUMBER

A701

ISSUED FOR CONSTRUCTION

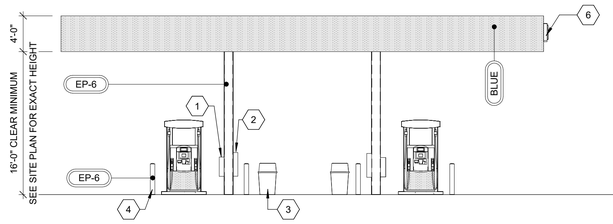
APPLICABLE SPB(s): 2022.0209



3 CANOPY PLAN
3/32" = 1'-0"



2 C100 - FUEL CANOPY FRONT ELEVATION
3/32" = 1'-0"



1 C100 - FUEL CANOPY SIDE ELEVATION
1/8" = 1'-0"

STANDARD CANOPY FASCIA COLOR SPECIFICATION CHART

COLOR CALLOUT	CANOPY MANUFACTURER	STANDARD COLOR SPECIFICATION
"BLUE"	LANE CANOPIES	ALPOLIC HYB BLUE
	McGEE CANOPIES	REYNOBOND SAPPHIRE BLUE, DURAGLOSS 3000
	MADISON CANOPIES	

FUEL CANOPY MATERIAL SCHEDULE

FUEL CANOPY FINISH SCHEDULE

ID	MANUF.	MATERIAL	COMMENTS
EXTERIOR PAINT			
EP-6	SHERWIN WILLIAMS	PAINT	EXTERIOR PAINT SW 7020 "BLACK FOX"

SHEET KEYNOTES (X)

1	M2M RED MARK II CABINET WITH RED COVER, ON BACK SIDE OF COLUMN COVER. PROVIDE ONE 80-B RATED EXTINGUISHER.
2	TOWEL DISPENSER "DCI MARKETING" ITEM NUMBER SBWC BLACK.
3	TRASH CAN. REFER TO SITE PLANS.
4	BUMPER POST. REFER TO CIVIL SITE DETAIL SHEETS.
5	STEEL CANOPY COLUMN, PAINTED EP-6
6	RACEWAY LOGO; REFER TO SIGN PLAN

GENERAL NOTES

1. AREA WITHIN 18'-0" OF DISPENSER BOTH HORIZONTALLY AND VERTICAL SHALL BE CLASS I, DIVISION 2.
2. EXTINGUISHERS SHALL BE PROVIDED AND SO LOCATED THAT NO PUMP DISPENSER OR FILL-PIPE OPENING SHALL BE A GREATER DISTANCE THAN 50'-0"FROM SUCH EXTINGUISHER.
3. NO SMOKING SIGNS SHALL BE POSTED IN ACCORDANCE WITH LOCAL JURISDICTION REQUIREMENT.
4. PVC PIPE SHALL NOT BE USED ON TOP OF CANOPY. ONLY 3/4" EMT WITH WATER TIGHT CONNECTIONS SHALL BE PERMITTED.
5. REFER TO ELECTRICAL SCHEDULES FOR CANOPY CIRCUITS.
6. REFER TO SITE ELECTRICAL PLAN FOR SECURITY CAMERA LOCATIONS AND MOUNTING.
7. REFER TO FINISH SCHEDULES FOR MATERIAL SPECIFICATIONS.
8. REFER TO SITE PLAN FOR NUMBER OF CANOPY SIGNS TO BE PLACED.
9. REFER TO MANUFACTURERS SHOP DRAWINGS FOR ALL STRUCTURAL DETAILS.
10. REFER TO SITE SPECIFIC PLAN FOR CANOPY LIGHTING.
11. REFER TO SITE SPECIFIC PLAN FOR CONCRETE ISLAND LAYOUT.
12. REFER TO CANOPY MANUFACTURER'S DRAWINGS FOR FOUNDATION INFORMATION AND COLUMN SURROUND.

RACEWAY

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DESIGN PROFESSIONALS

HILLFOLEYROSSI & ASSOCIATES

ARCHITECTURE
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RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. 034175
REGISTERED ARCHITECT

2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

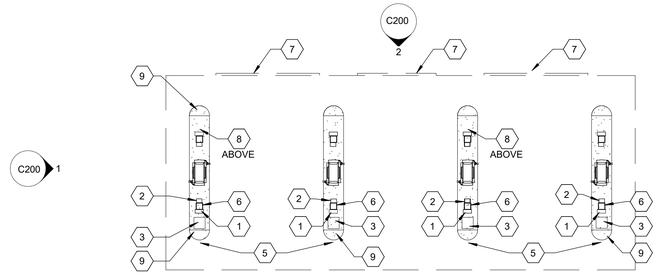
FUEL CANOPY PLANS AND ELEVATIONS

SHEET NUMBER

C100

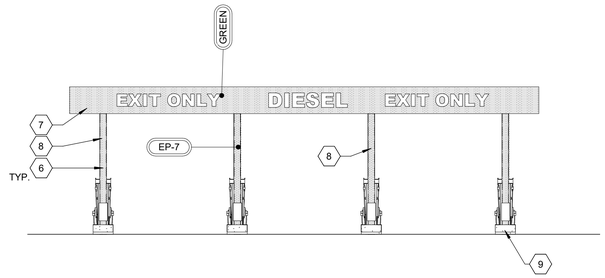
ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0209



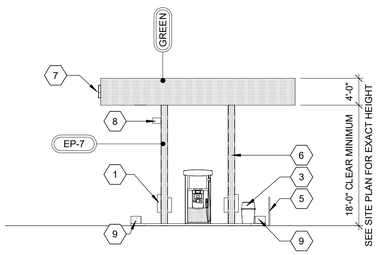
3 EDO CANOPY PLAN

3/32" = 1'-0"



2 EDO CANOPY REAR ELEVATION

3/32" = 1'-0"



1 EDO CANOPY ELEVATION

3/32" = 1'-0"

STANDARD CANOPY FASCIA COLOR SPECIFICATION CHART

COLOR CALLOUT	CANOPY MANUFACTURER	STANDARD COLOR SPECIFICATION
"GREEN"	LANE CANOPIES	ALPOLIC TDR GREEN
	McGEE CANOPIES	REYNOBOND DURAGLOSS 3000 REGIONS GREEN
	MADISON CANOPIES	

FUEL CANOPY MATERIAL SCHEDULE

EDO FUEL CANOPY FINISH SCHEDULE C200

ID	MANUF.	MATERIAL	COMMENTS
EXTERIOR PAINT			
EP-7	SHERWIN WILLIAMS	PAINT	EXTERIOR PAINT TO MATCH SW 6924 "DIRECT GREEN"

SHEET KEYNOTES (X)

1	M2M RED MARK II CABINET WITH RED COVER, ON BACK SIDE OF COLUMN COVER. PROVIDE ONE 80-B RATED EXTINGUISHER.
2	HAND TOWEL DISPENSER. SEE SHEET A141 FOR ADDITIONAL INFORMATION
3	TRASH CAN. REFER TO SITE PLANS.
5	WOODFORD Y-34 FREEZERLESS IOWA YARD HYDRANT
6	STEEL CANOPY COLUMN
7	EDO SIGNAGE; REFER TO SIGN PLAN
8	HOSE REEL
9	STEEL BOLLARD INFILLED WITH CONCRETE. SEE CIVIL FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. AREA WITHIN 18'-0" OF DISPENSER BOTH HORIZONTALLY AND VERTICAL SHALL BE CLASS I, DIVISION 2.
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3. NO SMOKING SIGNS SHALL BE POSTED IN ACCORDANCE WITH LOCAL JURISDICTION REQUIREMENT.
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6. REFER TO SITE ELECTRICAL PLAN FOR SECURITY CAMERA LOCATIONS AND MOUNTING.
7. REFER TO FINISH SCHEDULES FOR MATERIAL SPECIFICATIONS.
8. REFER TO SITE PLAN FOR NUMBER OF CANOPY SIGNS TO BE PLACED.
9. REFER TO MANUFACTURERS SHOP DRAWINGS FOR ALL STRUCTURAL DETAILS.
10. REFER TO SITE SPECIFIC PLAN FOR CANOPY LIGHTING.
11. REFER TO SITE SPECIFIC PLAN FOR CONCRETE ISLAND LAYOUT.
12. REFER TO CANOPY MANUFACTURER'S DRAWINGS FOR FOUNDATION INFORMATION AND COLUMN SURROUND.

RACEWAY

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DESIGN PROFESSIONALS

HILLFOLEYROSSI & ASSOCIATES

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(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

STATE OF GEORGIA
JON B. ERICKSON
CERTIFICATE NO. 036110
REGISTERED ARCHITECT

2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

EDO FUEL CANOPY PLANS AND ELEVATIONS

SHEET NUMBER

C200

ISSUED FOR CONSTRUCTION

STRUCTURAL NOTES

APPLICABLE SPB(s): 2022.0201

GENERAL NOTES:

1. THESE NOTES SHALL APPLY EXCEPT WHERE OTHERWISE INDICATED BY DRAWINGS OR SPECIFICATIONS.
2. CONTRACT DOCUMENTS INCLUDE THE STRUCTURAL DRAWINGS AND SPECIFICATIONS BUT DO NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS OR OTHER SUBMITTALS BY THE CONTRACTOR.
3. REFERENCE TO DESIGN STANDARDS AND BUILDING CODES SHALL MEAN THE LATEST EDITION OF THE REFERENCE UNLESS SPECIFICALLY STATED OTHERWISE.
4. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK. FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS, SEE ARCHITECTURAL DRAWINGS.
5. ALL MATERIALS AND WORKMANSHIP ARE SUBJECT TO THE REVIEW OF THE ARCHITECT AND ENGINEER OF RECORD.
6. STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON THE DRAWINGS.
7. COORDINATE WITH OTHER DISCIPLINE DRAWINGS FOR DRIPS, CHAMFERS, REGLETS, RUSTICATIONS, SLOTS, SLEEVES, ANCHORS AND INSERTS.
8. THE GENERAL CONTRACTOR SHALL COORDINATE ALL SIZES AND LOCATIONS OF ROOF PENETRATIONS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. OPENINGS IN METAL ROOF DECK GREATER THAN 10" SHALL BE FRAMED AS SHOWN IN ROOF OPENING FRAMING DETAIL.
9. UNLESS SHOWN ON STRUCTURAL DRAWINGS, NO OPENINGS LARGER THAN 12" x 12" SHALL BE PLACED IN SLABS OR WALLS. FOR OPENINGS NOT SHOWN ON STRUCTURAL DRAWINGS, APPROVAL MUST BE OBTAINED FROM THE ARCHITECT PRIOR TO CONSTRUCTION OF OPENING.
10. THE CONTRACTOR HAS SOLE RESPONSIBILITY FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION.
11. THE GENERAL CONTRACTOR HAS SOLE RESPONSIBILITY TO COMPLY WITH REQUIRED OSHA REGULATIONS.
12. THE STRUCTURE DESCRIBED BY THESE DRAWINGS IS SELF SUPPORTING ONLY IN ITS COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY BRACING AND SHORING OF ALL WORK.
13. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE BUILDING OFFICIAL REGARDING SUBMITTAL OF INSPECTION REPORTS TO THE BUILDING DEPARTMENT.
14. REVIEW OF SUBMITTALS AND SHOP DRAWINGS BY THE ARCHITECT AND STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK ALL SUBMITTALS AND SHOP DRAWINGS BEFORE SUBMITTING TO THE STRUCTURAL ENGINEER. CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS.
15. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR THE DESIGN OF STEEL STAIRS, HANDRAILS, LADDERS, CURTAIN OR WINDOW WALL SYSTEMS, RACK STORAGE SYSTEMS, COLD-FORMED METAL FRAMING, OR OTHER SYSTEMS NOT SHOWN IN THE STRUCTURAL DOCUMENTS. SUCH SYSTEMS SHALL BE DESIGNED, FURNISHED AND INSTALLED AS REQUIRED BY OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
16. DO NOT HANG OR ATTACH DUCTWORK, PIPING, LIGHTING, CONDUIT, EQUIPMENT, CEILINGS, ETC. FROM METAL DECKING.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORTING AND MAINTAINING THE EXCAVATIONS REQUIRED FOR THE CONSTRUCTION SHOWN.
18. HILL, FOLEY, ROSSI AND ASSOCIATES, LLC., ITS EMPLOYEES AND REPRESENTATIVES SHALL NOT BE RESPONSIBLE FOR, AND WILL NOT HAVE CONTROL OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK; NOR WILL THEY BE RESPONSIBLE FOR ANY FAILURE BY THE CONTRACTOR TO PERFORM OR COMPLETE CONSTRUCTION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. JOBSITE VISITS BY HILL, FOLEY, ROSSI AND ASSOCIATES, LLC. SHALL NOT CONSTITUTE APPROVAL, AWARENESS OR LIABILITY FOR ANY HAZARDOUS CONDITIONS.

DESIGN CRITERIA:

1. STRUCTURAL DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE w/ GA AMENDMENTS.
2. LIVE LOADS:
   ROOF LOAD .... 20 PSF
   FLOOR SLAB-ON-GRADE .... 100 PSF
3. DEAD LOADS:
   ROOF LOAD .... 20 PSF
4. WIND LOADS:
   ULTIMATE WIND SPEED, Vult (3 sec. GUST) - .... 115 MPH
   NOMINAL WIND SPEED, Vasd (3 sec. GUST) - .... 90 MPH
   RISK CATEGORY II
   WIND EXPOSURE C
   INTERNAL PRESSURE COEFFICIENT (ENCLOSED) .... ± 0.18
5. SEISMIC LOADS:
   SEISMIC IMPORTANCE FACTOR 1.0
   RISK CATEGORY II
   MAPPED ACCELERATIONS:
   Ss 0.083g
   S1 .... 0.054g
   SITE CLASS .... D
   SPECTRAL RESPONSE COEF:
   Sds 0.088g
   Sd1 .... 0.086g
   SEISMIC DESIGN CATEGORY .... B
   RESPONSE MODIFICATION FACTOR (R) 3.0
   SEISMIC FORCE RESISTING SYSTEM:
   STRUCTURAL STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
   ANALYSIS PROCEDURE:
   EQUIVALENT LATERAL FORCE
6. SNOW LOADS:
   GROUND SNOW LOAD (Pg) .... 0 PSF

FOUNDATION NOTES:

1. A SITE INVESTIGATION AND GEOTECHNICAL REPORT WAS PREPARED BY CONTOUR ENGINEERING, LLC. (REPORT NO. G22RAC08 DATED 07/28/2022). THE GENERAL CONTRACTOR SHALL READ AND BECOME FAMILIAR WITH THE REPORT PRIOR TO BIDDING. ALL SITE WORK SHALL CONFORM TO SOILS REPORT AND/OR SPECIFICATIONS.
2. ALL FOUNDATIONS ARE DESIGNED TO BEAR ON NATURALLY OCCURRING SOILS OR ENGINEERED FILL CAPABLE OF SAFELY SUSTAINING 2500 PSF MINIMUM NET ALLOWABLE BEARING PRESSURE. IF SUITABLE BEARING CAPACITY AS DETERMINED BY A QUALIFIED GEOTECHNICAL ENGINEER IS NOT ENCOUNTERED AT THE ELEVATION INDICATED ON THE DRAWINGS, THE GENERAL CONTRACTOR MAY, UPON THE RECOMMENDATION OF THE GEOTECHNICAL ENGINEER, OVER-EXCAVATE UNTIL SUITABLE BEARING MATERIAL IS ENCOUNTERED. OVER-EXCAVATIONS MAY BE BACKFILLED WITH LEAN CONCRETE.
3. ALL EXTERIOR FOUNDATIONS SHALL HAVE A MINIMUM BEARING DEPTH OF 1'-6" BELOW EXTERIOR GRADE ELEVATION.
4. PRIOR TO PLACING CONCRETE, ALL DEBRIS, WATER, AND LOOSE EARTH SHALL BE REMOVED FROM THE FOUNDATION BED.
5. COLUMN FOOTINGS AND WALL FOOTINGS SHALL BE PLACED MONOLITHICALLY WITH ADJACENT FOOTINGS AT THE SAME ELEVATION.
6. FOUNDATION WALLS THAT RETAIN EARTH SHALL BE BRACED AGAINST BACKFILLING PRESSURES UNTIL THE FLOOR SLABS AT THE TOP AND BOTTOM OF WALL ARE IN PLACE AND CURED.
7. BACKFILL AGAINST WALLS SHALL NOT BE PLACED UNTIL CONCRETE HAS CURED FOR 7 DAYS. BACKFILL SHALL BE DEPOSITED EVENLY AGAINST BOTH SIDES OF WALLS UNTIL THE LOWER FINAL GRADE IS REACHED. COMPACTION OF BACKFILL WITHIN 10 FEET OF WALLS SHOULD BE PERFORMED WITH HAND OPERATED EQUIPMENT.
8. PLACEMENT AND COMPACTION OF STRUCTURAL FILL SHALL BE MONITORED BY THE GEOTECHNICAL ENGINEER. MINIMUM COMPACTION REQUIREMENTS STATED IN GEOTECHNICAL REPORT SHALL BE ACHIEVED.
9. ALL DRAIN TILE SHALL BE 4" DIA. (MIN) PERFORATED PLASTIC PIPE WITH FABRIC SOCK AND 12" MINIMUM WASHED RIVER ROCK SURROUNDING. DO NOT USE CRUSHED OR FINE GRAVEL.
10. WHERE A UTILITY LINE PASSES UNDER A FOOTING, PROVIDE A STEEL OR CAST-IRON SLEEVE WITH MINIMUM 2" CLEAR ON ALL SIDES OF PIPE.

CONCRETE NOTES:

1. ALL CONCRETE AND REINFORCEMENT HAS BEEN DESIGNED IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE (ACI) STANDARD BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318). ALL CONCRETE WORK SHALL CONFORM TO THE ACI SPECIFICATIONS FOR STRUCTURAL CONCRETE (ACI 301) AND THE LATEST APPLICABLE RECOMMENDATIONS OF THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE (ACI 315).
2. CONCRETE PROPORTIONS SHALL CONSIST OF THE FOLLOWING MATERIALS TO ACHIEVE A MIX THAT WILL YIELD A FINISHED PRODUCT THAT WILL PRODUCE THE REQUIRED COMPRESSIVE STRENGTHS LISTED IN NOTE #4 BELOW.
   - A. CEMENTITIOUS MATERIALS:
     - a. PORTLAND CEMENT, ASTM C150, TYPE I OR II.
     - b. FLYASH AND SLAG CEMENT ARE NOT ALLOWED.
   - B. AGGREGATES: NORMAL WEIGHT, ASTM C33; LIGHT WEIGHT, ASTM C330. PROVIDE ALL AGGREGATE FROM A SINGLE SOURCE.
   - C. WATER: ASTM C94, POTABLE.
   - D. AIR ENTRAINMENT ADMIXTURE: ASTM C260.
   - E. WATER REDUCING ADMIXTURE: ASTM C494, TYPE F OR G.
   - F. CALCIUM CHLORIDE: ANY ADMIXTURE CONTAINING MORE THAN 0.1% CHLORIDE IONS, CONTENT BY WEIGHT, ARE NOT PERMITTED.
3. CONCRETE MIX DESIGNS MUST BE SUBMITTED TO THE E.O.R. FOR APPROVAL BEFORE CONSTRUCTION BEGINS. MIX DESIGNS MUST BE SUBMITTED WITH COMPRESSIVE STRENGTH INFORMATION FOR EACH SPECIFIC MIX. SUBMISSIONS WITHOUT THIS INFORMATION WILL BE STAMPED "REJECTED" AND RETURNED TO THE CONTRACTOR WITHOUT E.O.R. REVIEW. TEST DATA SHALL BE NO OLDER THAN 12 MONTHS. ALL CONCRETE COMPRESSIVE STRENGTH TESTS SHALL BE AVAILABLE ON THE JOB SITE FOR REVIEW BY THE INSPECTOR.
4. ALL CONCRETE USED IN THE WORK SHALL HAVE THE FOLLOWING PROPERTIES:
   - A. FOOTINGS
     - 3000 PSI STRENGTH (f'c) AT 28 DAYS
     - 0.50 MAXIMUM WATER/CEMENT RATIO
     - LESS THAN 3% AIR CONTENT
     - 4" ± 1" SLUMP AT POINT OF PLACEMENT
   - B. FOUNDATION WALLS
     - 4000 PSI STRENGTH (f'c) AT 28 DAYS
     - 0.50 MAXIMUM WATER/CEMENT RATIO
     - LESS THAN 3% AIR CONTENT
     - 4" ± 1" SLUMP AT POINT OF PLACEMENT
   - C. INTERIOR SLABS-ON-GRADE
     - 4000 PSI STRENGTH (f'c) AT 28 DAYS
     - 0.53 MAXIMUM WATER/CEMENT RATIO
     - LESS THAN 3% AIR CONTENT
     - 4" ± 1" SLUMP AT POINT OF PLACEMENT
   - D. EXTERIOR SLABS-ON-GRADE
     - 4000 PSI STRENGTH (f'c) AT 28 DAYS
     - 0.50 MAXIMUM WATER/CEMENT RATIO
     - 4" ± 1" SLUMP AT POINT OF PLACEMENT
     - 6% ± 1.5% AIR CONTENT
5. SLAB ON GRADE CONTROL OR CONSTRUCTION JOINTS SHALL BE LOCATED AT COLUMN LINES AND INTERMEDIATELY SO THAT NO JOINT SPACING SHALL EXCEED 12'-0", NOR SHALL THE LENGTH OF ANY PANEL EXCEED ONE AND A HALF, (1.5), TIMES THE WIDTH OF THAT PANEL. REFER TO TYPICAL DETAILS FOR SLAB JOINT CONSTRUCTION.
6. FLOOR SLAB CONSTRUCTION JOINTS MUST BE DOWELED.
7. EXTERIOR SLABS SHALL DRAIN FREELY AWAY FROM THE BUILDING. COORDINATE ELEVATIONS WITH CIVIL ENGINEER AND ARCHITECT.
8. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SLAB FINISHES, SLOPES AND DEPRESSIONS OF INTERIOR SLABS.

REINFORCING STEEL NOTES:

1. REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND PLACED ACCORDING TO THE LATEST STANDARDS OF THE AMERICAN CONCRETE INSTITUTE (ACI) AND THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI).
2. MATERIALS:
   REINFORCING BARS SHALL COMPLY WITH ASTM A615 GRADE 60. WELDED WIRE FABRIC SHALL COMPLY WITH ASTM A82 AND A1064, FLAT SHEETS ONLY. REINFORCING BARS FOR WELDING SHALL COMPLY WITH ASTM A706.
3. CLEAR MINIMUM COVER OF CONCRETE OVER REINFORCING BARS SHALL BE AS FOLLOWS:
   CONCRETE PLACED AGAINST EARTH .... 3"
   FORMED SURFACES EXPOSED TO EARTH .... 2"
   TOP OF SLABS .... 3/4"
4. ALL BARS DENOTED CONTINUOUS ON PLANS, SECTIONS AND DETAILS SHALL HAVE CLASS "B" TENSION SPLICE LAPS AND CORNER BARS AND HOOKS AT DISCONTINUOUS ENDS. SPLICED BARS SHALL BE SECURELY WIRED TOGETHER. SPLICES OF ADJACENT REINFORCING BARS SHALL BE STAGGERED 24" WHEREVER POSSIBLE.
5. WELDED WIRE FABRIC, WHERE REQUIRED, SHALL BE PLACED IN THE CENTER OF THE SLAB UNLESS NOTED OTHERWISE. LAP JOINTS ONE WIRE SPACING PLUS 2" OR A MINIMUM OF 6". EXTEND FABRIC TO WITHIN 1" OF EDGES OF SLABS ON GRADE.
6. PROVIDE PRECAST DOBIES, WIRE OR PLASTIC CHAIRS, SUPPORT BARS, ETC. TO MAINTAIN SPECIFIED CLEARANCES FOR THE ENTIRE LENGTH OF ALL REINFORCING BARS AND WELDED WIRE FABRIC. DO NOT USE REBAR STAKES TO SUPPORT REINFORCING. ALL REINFORCEMENT SHALL BE FASTENED AND SECURED TO PREVENT DISPLACEMENT BY THE PLACING OF CONCRETE.
7. ALL CONCRETE WALLS TO BE DETAILED IN ELEVATION ON SHOP DRAWINGS. NO MORE THAN 50% OF HORIZONTAL WALL REINFORCING SHALL LAP IN A SINGLE VERTICAL PLANE.
8. PROVIDE (1) #4 REINFORCING BARS, 3'-0" LONG, IN CONCRETE SLABS AT ALL RE-ENTRANT CORNERS. PLACE BARS AT ONE-THIRD OF SLAB DEPTH FROM THE TOP WITH 2" MINIMUM HORIZONTAL CLEARANCE FROM SLAB CORNER.
9. REBAR FOR WELDED CONNECTIONS MUST MEET ASTM A706. STANDARD ASTM A615 GRADE 60 REBARS ARE NOT ACCEPTABLE FOR WELDING. WELDING PROCEDURE SHALL CONFORM TO ANSI/AWS D1.4 "STRUCTURAL WELDING CODE - REINFORCING STEEL". DO NOT TACK WELD.
10. REINFORCING DOWELS, WHERE REQUIRED, SHALL MATCH THE SIZE, SPACING AND QUANTITY OF MAIN REINFORCING, UNLESS NOTED OTHERWISE.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL MATERIALS:
   STRUCTURAL STEEL: ASTM A992, Fy = 50 KSI
   OTHER SHAPES AND PLATES: ASTM A36, Fy = 36 KSI - OR ASTM A572, GRADE 50 , Fy = 50 KSI
   STRUCTURAL TUBING (HSS): ASTM A500, GRADE C, Fy = 50 KSI - OR ASTM A1085, GRADE A, Fy = 50 KSI
   STRUCTURAL PIPE: ASTM A53, GRADE B, Fy = 35 KSI
   CONNECTION BOLTS: ASTM F3125, GRADE A325-N, U.N.O.
   ANCHOR BOLTS: ASTM F1554, A307 OR A36, Fy = 36 KSI
   *PROVIDE 3 NUTS AND 1 WASHER WITH EACH ANCHOR BOLT - MIN.
   WELDING ELECTRODES: E70-XX, UNLESS NOTED OTHERWISE.
2. STRUCTURAL STEEL DETAILING, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH THE "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS," AISC 360-16.
3. BOLTED CONNECTIONS SHALL BE MADE USING 3/4" DIAMETER BOLTS AND WASHERS CONFORMING TO ASTM A325, UNLESS OTHERWISE NOTED. THEY SHALL BE ASSEMBLED, INSTALLED AND INSPECTED IN ACCORDANCE WITH "RCSC-2014, SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS". BOLTS SHALL BE TIGHTENED TO THE SNUG TIGHT CONDITION UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL HOLES TO BE DRILLED OR PUNCHED; FLAME CUT HOLES ARE ONLY PERMITTED WITH THE APPROVAL OF THE ENGINEER OF RECORD.
4. SHOP OR FIELD SPLICES BETWEEN SUPPORTS THAT ARE NOT REQUIRED BY DESIGN WILL NOT BE ALLOWED. ANY MEMBERS CONTAINING SUCH SPLICES SHALL BE REMOVED AND REPLACED WITH UNSPLICED MEMBERS AT THE FABRICATOR'S EXPENSE.
5. PROVIDE BOLTS AND PUNCHED HOLES IN STRUCTURAL AND MISCELLANEOUS STEEL FOR ATTACHMENTS OF WOOD NAILERS AS REQUIRED ON THE ARCHITECTURAL, MECHANICAL AND STRUCTURAL DRAWINGS.
6. MINIMUM SIZE OF WELD IS 3/16" UNLESS NOTED OTHERWISE. ALL WELDING SHALL CONFORM TO THE CURRENT PROVISIONS OF AWS D1.1, STRUCTURAL WELDING CODE BY THE AMERICAN WELDING SOCIETY. ALL WORK SHALL BE PERFORMED BY CERTIFIED WELDERS EXPERIENCED IN THE TYPE OF CONSTRUCTION INVOLVED. PROOF OF WELDER CERTIFICATION SHALL BE AVAILABLE AT THE JOB SITE.
7. SHOP DRAWINGS SHALL SHOW COMPLETE WELDING INFORMATION, BOTH SHOP AND FIELD, USING AMERICAN WELDING SOCIETY SYMBOLS UNLESS OTHERWISE INDICATED.
8. PROVIDE 1 1/2" NON-METALLIC, SHRINKAGE RESISTANT GROUT CONFORMING TO ASTM C1107 UNDER ALL COLUMN BASE PLATES.
9. ALL STEEL SHALL HAVE A PRIME COAT OF PAINT EXCEPT AREAS TO BE FIELD WELDED.
10. ALL PORTIONS OF STEEL ENCASED IN CONCRETE, GROUT, OR IN CONTACT WITH EARTH SHALL BE PAINTED WITH BITUMINOUS PAINT.
11. PRIME AND PAINT ALL FIELD WELDS AFTER INSPECTION.
12. STEEL FABRICATOR TO BE AN AISC CERTIFIED FABRICATOR.
13. ALL PLAN DIMENSIONS ARE TO CENTERLINE OF STEEL MEMBERS, EXCEPT FOR STEEL CHANNELS, WHICH ARE DIMENSIONED TO THE BACK FACE OF THE WEB.
14. REFER TO ARCHITECTURAL DRAWINGS FOR MISCELLANEOUS STEEL BRACKETS, BRACES, SUPPORTS, ETC. NOT INDICATED ON THE STRUCTURAL DRAWINGS.
15. RECTANGULAR STRUCTURAL TUBING (HSS) SHALL BE ORIENTATED IN THE STRONG DIRECTION (LDV) UNLESS OTHERWISE NOTED - REFER TO PLANS.
16. ALL UNPAINTED EXTERIOR STEEL SHALL BE GALVANIZED.
17. THE DESIGN AND DETAILING OF TYPICAL SHEAR CONNECTIONS, BETWEEN STEEL FRAMING MEMBERS, SHALL BE PERFORMED BY THE STEEL FABRICATOR AS PER THE REQUIREMENTS OF THE AISC MAUAL OF STEEL CONSTRUCTION. THESE SHEAR CONNECTIONS SHOULD BE DESIGNED AND DETAILED TO RESIST A MINIMUM OF 1/2 THE UNIFORM DESIGN LOAD, OF THE SUPPORTED BEAM SIZE. CONNECTION DESIGN SHALL BE PERFORMED BY AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED

STEEL DECK NOTES:

1. ROOF DECK (Fy = 50 KSI - MIN.):
   1 1/2" DEEP, TYPE "B" (WIDE RIB), 20 GAUGE, GALVANIZED SHEET WIDTH = 36"
   PREPARE AND REPAIR DAMAGED GALVANIZED COATING ON BOTH SURFACES OF DECK WITH GALVANIZING REPAIR PAINT ACCORDING TO ASTM 780 AND MANUFACTURER'S INSTRUCTIONS.
2. STEEL DECK MANUFACTURER SHALL BE A MEMBER OF THE STEEL DECK INSTITUTE (SDI). ALL PRODUCTS SHALL BE FACTORY MUTUAL APPROVED.
3. STEEL DECK SHALL BE CONTINUOUS OVER A MINIMUM OF 4 SUPPORTS (3 SPAN), UNLESS OTHERWISE NOTED.
4. DECK ATTACHMENT PATTERN SHALL BE AS INDICATED ON THE DRAWINGS.
5. PROVIDE 1 1/2" MINIMUM DECK BEARING AT ALL SUPPORTS. DECK SHALL BE PLACED AT THE PERIMETER WITH A COMPLETE RIB BEARING ON THE STEEL SUPPORT.
6. ALL STEEL DECK WELDING IS ONLY TO BE PERFORMED BY AN AWS D1.3 CERTIFIED WELDER. CERTIFICATIONS ARE TO BE AVAILABLE ON SITE FOR VERIFICATION.

SHOP DRAWING NOTES:

1. CONTRACTOR SHALL FURNISH COMPLETE AND DETAILED SHOP DRAWINGS FOR THE FOLLOWING STRUCTURAL MATERIALS:
   ANCHOR BOLT LAYOUT
   STRUCTURAL STEEL AND STEEL DECK
   REINFORCING STEEL
   CONCRETE MIX DESIGN
   LIGHT GAUGE METAL FRAMING (SEE NOTE #5)
2. UNLESS NOTED, SUBMIT SHOP DRAWINGS FOR ALL FABRICATED MATERIALS. ALL SHOP DRAWINGS MUST BEAR THE REVIEW STAMP OF THE GENERAL CONTRACTOR. UNSTAMPED SHOP DRAWINGS WILL BE REJECTED WITHOUT REVIEW.
3. ELECTRONIC COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED THROUGH PROJECTMATES. ELECTRONIC COPIES OF SHOP DRAWINGS WILL ONLY BE ACCEPTED WITH THE APPROVAL OF THE ENGINEER OF RECORD. REPRODUCTION OF ELECTRONIC COPIES WILL BE BILLED TO GENERAL CONTRACTOR FOR REIMBURSEMENT OF PRINTING COSTS. DESIGN DRAWINGS SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS. TWO SETS OF REVIEWED SHOP DRAWINGS WILL BE RETURNED TO THE GENERAL CONTRACTOR.
4. ALLOW MINIMUM 10 WORKING DAYS FOR ARCHITECT/ENGINEER REVIEW OF EACH SHOP DRAWING SUBMITTAL. ALLOW AN ADDITIONAL WORKING DAY FOR EVERY 5 DRAWINGS OVER 30.
5. SHOP DRAWINGS FOR CONSTRUCTION OF EACH BUILDING COMPONENT NOT DESIGNED BY THE DESIGN ENGINEER OF RECORD AND NOT SPECIFIED IN THE CONSTRUCTION DOCUMENTS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT. COMPONENTS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: PRE ENGINEERED TRUSSES, RAILINGS, LADDERS, LIGHT GAUGE STUD FRAMING, RACK SYSTEMS, GLAZING SYSTEMS, AWNINGS AND ANY OTHER ITEM THAT IS DESIGNATED AS "DESIGNED BY OTHERS" OR "PRE ENGINEERED". THESE SHOP DRAWINGS SHALL BEAR CLEAR INDICATION THAT THEY HAVE BEEN REVIEWED AND APPROVED BY THE PROJECT ARCHITECT OR ENGINEER OF RECORD.
6. SHOP DRAWINGS SUBMITTED TO THE ENGINEER OF RECORD SHALL ADHERE TO THE FOLLOWING GUIDELINES OR THEY WILL BE REJECTED AND RETURNED TO SENDER UNCHECKED:
   - A. THE LATEST ISSUE DATE, IN THE DRAWING REVISION BOX, OF ANY SHEET IN THE STRUCTURAL DRAWING SET, SHALL BE CLEARLY SHOWN ON THE TOP SHEET OF THE SHOP DRAWINGS.
   - B. NO PARTIAL SETS WILL BE ACCEPTED, UNLESS PREVIOUSLY APPROVED BY THE ENGINEER OF RECORD.
   - C. STEEL JOIST SUBMITTALS SHALL HAVE JOB-SPECIFIC DETAILS IN ADDITION TO THE JOIST MANUFACTURER'S TYPICAL DETAILS.
7. DETAILER SHALL COORDINATE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL ATTACHMENTS, CLIPS, OPENINGS OR DUCTWORK AFFECTING STRUCTURAL MEMBERS. ALL ITEMS SHALL BE SHOWN ON SHOP DRAWINGS.
8. DIMENSIONAL COORDINATION SHALL BE PERFORMED BY THE GENERAL CONTRACTOR AND/OR THEIR FABRICATOR.
9. PROPOSED CHANGES TO THE CONSTRUCTION DOCUMENTS SHALL BE CLEARLY MARKED IN THE SHOP DRAWINGS AND SHALL INCLUDE SIGNED AND SEALED DRAWINGS AND CALCULATIONS BY AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. THE ENGINEER OF RECORD WILL REVIEW THE PROPOSED CHANGE FOR ACCEPTANCE.
10. THE CONTRACTOR SHALL HAVE PROOF OF WELDER CERTIFICATION AT THE JOBSITE AT ALL TIMES.
11. APPROVED SHOP DRAWINGS SHALL BE AVAILABLE AT THE JOBSITE AT ALL TIMES.

CASTELLATED BEAM NOTES

1. THE MATERIALS USED TO MANUFACTURE CASTELLATED BEAMS SHALL CONFORM TO ASTM A572-50 R A992 GR. 50.
2. ALL WELDING IS TO BE PERFORMED IN ACCORDANCE WITH AWS D1.1.
3. ALL BRACING FOR ERECTION AND HANDLING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
4. FILL CASTELLATION HOLES WHERE REQUIRED FOR POINT LOAD OR BEAM CONNECTION LOCATIONS AS REQUIRED. PROVIDE FILL LOCATIONS ON SHOP DRAWINGS.
5. ALL HORIZONTAL BRACING INDICATED ON PLAN TO BE INSTALLED PRIOR TO METAL ROOF DECK INSTALLATION.

MASONRY NOTES:

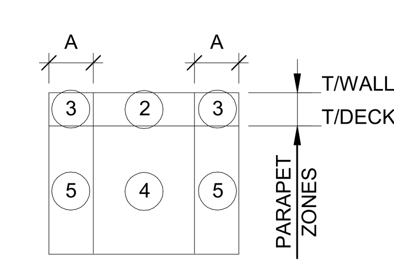
1. MATERIALS, TESTING AND STORAGE OF MATERIALS SHALL CONFORM TO TMS 402-16 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" AND TMS 602-16 "SPECIFICATION FOR MASONRY STRUCTURES."
2. CONCRETE MASONRY UNITS:
   - MASONRY UNITS SHALL CONFORM TO ASTM C90, LIGHTWEIGHT UNITS
   - UNIT MINIMUM NET AREA COMPRESSIVE STRENGTH = 2000 PSI
   - MORTAR SHALL CONFORM TO ASTM C270 CEMENT-LIME, TYPE S
   - CONCRETE MASONRY MINIMUM NET AREA COMPRESSIVE STRENGTH, f'm = 2000 PSI
   - GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8", A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI, AND A MINIMUM SLUMP OF 9 INCHES AND A MAXIMUM SLUMP OF 11 INCHES
3. MASONRY UNITS AND MORTAR SHALL INCLUDE INTEGRAL WATERPROOFING AGENT "DRYBLOCK" BY W.R. GRACE.
4. MASONRY SHALL BE LAID IN RUNNING BOND, UNLESS OTHERWISE NOTED.
5. ALL REINFORCING BARS DENOTED AS CONTINUOUS SHALL HAVE LAP SPLICES, CORNER BARS AND HOOKS AT DISCONTINUOUS ENDS. SEE STEEL REINFORCING LAP SCHEDULE FOR LAP SPLICE LENGTHS.
6. HORIZONTAL JOINT REINFORCING SHALL BE LADDER TYPE, HOT DIPPED GALVANIZED, AND SPACED AT 16" ON CENTER, WITH A MINIMUM WIRE SIZE OF W1.7, UNLESS OTHERWISE NOTED. MINIMUM STRAIGHT LAP = 16" AND MINIMUM CORNER OR TEE LAP = 30". JOINT REINFORCING SHALL BE FULLY EMBEDDED IN MORTAR WITH A MINIMUM COVER OF 5/8" FROM FACE OF MORTAR. DISCONTINUE HORIZONTAL JOINT REINFORCING AT CONTROL JOINTS.
7. AT FIRST COURSE OF MASONRY, PROVIDE FULL MORTAR BED EQUAL TO WALL THICKNESS EXCEPT AT CELLS TO BE GROUTED SOLID.
8. UNITS TO RECEIVE VERTICAL REINFORCING SHALL HAVE CELLS ALIGNED VERTICALLY FOR FULL HEIGHT REINFORCEMENT.
9. FILL ALL MASONRY CELLS BELOW FINISHED FLOOR WITH GROUT. WHERE FINISHED FLOOR IS BELOW GRADE, FILL ALL CELLS BELOW GRADE.
10. ALL ANCHOR BOLTS INTO MASONRY SHALL BE PLACED IN FULLY GROUTED CELLS, MINIMUM EMBEDMENT TO BE 4 1/4", UNLESS OTHERWISE NOTED.
11. PIPES OR CONDUITS MAY PENETRATE HORIZONTALLY THROUGH MASONRY WALLS BY MEANS OF A SCHEDULE 40 GALVANIZED STEEL SLEEVE SOLIDLY GROUTED IN PLACE. CENTER TO CENTER SLEEVE SPACING SHALL NOT BE LESS THAN (3) SLEEVE DIAMETERS.
12. AFTER MORTAR IS THOROUGHLY SET AND CURED, CLEAN MASONRY COMPLETELY USING THE LEAST HARSH METHOD POSSIBLE.
13. THE MASONRY CONTRACTOR SHALL BE RESPONSIBLE FOR THE TEMPORARY BRACING OF MASONRY WALLS DURING CONSTRUCTION, AS REQUIRED.

WIND PRESSURES - COMPONENT AND CLADDING 115 MPH - EXPOSURE C - ASCE 7-16

	ZONE	10 SF	50 SF	100 SF
ROOF	1	16.0 psf	16.0 psf	16.0 psf
		-26.4 psf	-26.4 psf	-26.4 psf
	2	26.4 psf	23.7 psf	22.5 psf
		-60.6psf	-56.7 psf	-47.6 psf
	3	26.4 psf	23.7 psf	22.5 psf
		-60.6 psf	-56.7 psf	-47.6 psf
CANOPY	TYPICAL	29.5 psf	25.8 psf	21.2 psf
		-29.5 psf	-26.2 psf	-22.2 psf
WALL	ZONE	10 SF	50 SF	100 SF
	4	26.4 psf	23.7 psf	22.5 psf
		-28.6 psf	-25.9 psf	-24.7 psf
	5	26.4 psf	23.7 psf	22.5 psf
		-35.2 psf	-29.7 psf	-27.4 psf
PARAPET	ZONE	10 SF	20 SF	50 SF
CASE A	2	82.2 psf	76.8 psf	69.8 psf
	3	82.2 psf	76.8 psf	69.8 psf
CASE B	INTERIOR	-48.5 psf	-46.1 psf	-42.8 psf
	CORNER	-55.5 psf	-51.8 psf	-46.9 psf

NOTES:
1. TRIBUTARY PRESSURES ARE FOR THE SQUARE FOOT (SF) TRIBUTARY AREA SHOWN. FOR OTHER TRIBUTARY AREAS, LINEARLLY INTERPOLATE BETWEEN VALUES SHOWN ABOVE.
2. POSITIVE PRESSURES ACT TOWARD THE BUILDING SURFACE. NEGATIVE PRESSURES ACT AWAY FROM THE BUILDING SURFACE.
3. ALL WIND PRESSURES IN THE TABLE ARE BASED ON ULTIMATE WIND SPEEDS. TO CONVERT TO NOMINAL WIND PRESSURES MULTIPLE VALUES BY 0.6.
4. PARAPET PRESSURES ARE FOR SOLID SURFACES, WHERE BOTH SURFACES ARE CONNECTED TOGETHER (NO NET INTERNAL PRESSURE).
5. CANOPY PRESSURES ARE COMBINED UPPER AND LOWER SURFACE NET PRESSURES.

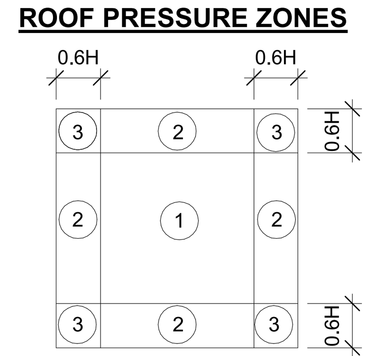
COMPONENT AND CLADDING WALL PRESSURE ZONES



A = 5.0 FEET

ELEVATION

COMPONENT AND CLADDING ROOF PRESSURE ZONES



0.6H = 9.0 FEET

PLAN

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 DATE 03/29/22

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
GEORGIA REGISTERED No. 028877 PROFESSIONAL ENGINEER MARC D. ROSSIGNOL
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE
GENERAL STRUCTURAL NOTES

SHEET NUMBER
S000

ISSUED FOR CONSTRUCTION

PRE-ENGINEERED LIGHT GAUGE STRUCTURAL FRAMING:

GENERAL:

1. LIGHT GAUGE FRAMING INCLUDING EXTERIOR WALL STUDS, INTERIOR WALLS AND SOFFIT STUDS, FLOOR JOISTS, AND ROOF JOISTS SHALL BE DESIGNED BY A STRUCTURAL ENGINEER REGISTERED IN THE PROJECT STATE.

2. PRIOR TO FABRICATION, THE CONTRACTOR SHALL SUBMIT SEALED SHOP DRAWINGS INDICATING DESIGN DATA AND SHALL INCLUDE COMPLETE PLANS AND DETAILS.

3. INFORMATION INCLUDED IN THESE PLANS ARE THE MINIMUM REQUIREMENTS. EXTERIOR WALL STUDS SHALL BE A MINIMUM OF 600 S 162-43 AT 16" O.C.

4. METAL STUD STRENGTH CRITERIA:

   A. GAUGES 20 THROUGH 18 - 33 KSI MIN. YIELD STRESS
   B. GAUGES 16 THROUGH 12 - 50 KSI MIN. YIELD STRESS
   C. TRACK RUNNER - 33 KSI MIN. YIELD STRESS

5. METAL STUD MEMBER DESIGNATION: 600 S 162 - 33

   WEB DEPTH: 600 = 6"
   MEMBER TYPE: S = STUD
   FLANGE WIDTH: 162 = 1.625" (1 5/8")
   MINIMUM THICKNESS IN MILS

MILS	GAUGE
33	20
43	18
54	16
68	14
97	12

6. FASTENERS:

   A. SCREW CONNECTIONS

      FASTENING STUD TO STUD
      USE #10-16 TEKS/3 x 5/8" LONG BY ITW BUILDEX UNLESS OTHERWISE NOTED.
      MIN. EDGE DISTANCE = 3/4"
      MIN. SPACING BETWEEN FASTENERS = 3/4"

   B. POWDER ACTUATED FASTENERS (P.A.F.):

      FASTENING TO CONCRETE:
      USE 0.145" DIA. DOME HEAD NAIL BY HILTI, UNLESS NOTED OTHERWISE.
      MIN. EMBEDMENT = 1 1/4" MIN. EDGE DISTANCE = 2"
      MIN. SPACING BETWEEN FASTENERS = 3"

      FASTENING TO STEEL:
      USE 0.145" DIA. DOME HEAD KNURLED SHANK FASTENER
      BY HILTI, UNLESS NOTED OTHERWISE.
      MIN. EMBEDMENT = FULL PENETRATION MIN. EDGE DISTANCE = 1/2"
      MIN. SPACING BETWEEN FASTENERS = 1"

7. FASTENING:

   MINIMUM FASTENING REQUIREMENTS, UNLESS NOTED OTHERWISE.

   TRACK TO CONCRETE:
   (2) FASTENERS AT 16" O.C. TYP w/ADD'L FASTENER 3" FROM END OF TRACK AND (2) FASTENERS MINIMUM AT JAMBS.

   TRACK TO STRUCTURAL STEEL:
   12" O.C. TYP. w/ADD'L FASTENER 3" FROM END OF TRACK AND (2) FASTENERS MINIMUM AT JAMBS.

   STUD TO TRACK:
   (1) SCREW MINIMUM AT EACH FLANGE

   STUD TO STUD:
   (3) SCREWS MINIMUM

   STUD TO STEEL OR CONCRETE:
   USE POWDER ACTUATED FASTENERS REFERENCED ABOVE. SEE DETAILS FOR CONNECTIONS, MINIMUM 2 FASTENERS.

8. CURTAIN WALL AND NON LOAD BEARING PARTITIONS:

   MECHANICAL BRACING OF STUDS IS NOT NECESSARY WHERE WALL SHEATHING IS ATTACHED ON BOTH SIDES OF THE STUDS.

   WHEN ONLY ONE FACE OF THE STUDS RECEIVE SHEATHING, PROVIDE BRACING BY ONE OF THE FOLLOWING METHODS:

   A. COLD ROLLED CHANNEL, RUN HORIZONTALLY THROUGH STUD PUNCH OUTS AND ATTACHED AT EACH STUD.

   B. 2" WIDE, 18 GAUGE, STEEL STRAPS RUN HORIZONTALLY, ON BOTH SIDES OF THE STUDS, AND ATTACHED AT EACH STUD.

   VERTICAL SPACING OF THE BRACING IS LIMITED TO A MAXIMUM OF 4'-0" THROUGHOUT THE HEIGHT OF THE WALL.

9. PROVIDE ALL ACCESSORIES AS REQUIRED BY THE METAL STUD MANUFACTURER.

10. JOISTS SHALL BE FABRICATED TO PROVIDE 12" OF UNPUNCHED WEB AT BEARING ENDS.

11. PROVIDE JOIST WEB STIFFENERS PER METAL STUD MANUFACTURERS' RECOMMENDATIONS AT BEARING POINTS.

12. PROVIDE END BLOCKING WHERE JOISTS ARE NOT RESTRAINED AGAINST ROTATION.

13. NO LIGHT GAUGE MEMBER, THAT HAS BEEN TRIMMED OR CUT, SHALL BE INSTALLED SO THAT AN EDGE OF A WEB PUNCH OUT OCCURS WITHIN 10" MINIMUM OF THE TRIMMED OR CUT MEMBER END.

14. ALL MEMBER CUTTING MUST BE PERFORMED USING A SAW OR SHEAR. NO TORCH CUTTING IS ALLOWED AT ANY TIME. ALSO CUTTING OF ADDITIONAL HOLES, OTHER THAN THOSE PROVIDED BY THE MANUFACTURER, IN THE MEMBER WEB IS NOT PERMITTED AT ANY TIME.

15. SPLICING OF AXIALLY LOADED MEMBERS IS NOT ALLOWED AT ANY TIME.

16. BUILT UP LIGHT GAUGE HEADERS, CONSTRUCTED FOR EXTERIOR WALL CONDITIONS, SHALL HAVE INSULATION PLACED WITHIN THEM PRIOR TO THEIR INSTALLATION IN WALL SYSTEM.

PERFORMANCE REQUIREMENTS:

1. STRUCTURAL PERFORMANCE: PROVIDE COLD FORMED METAL FRAMING CAPABLE OF WITHSTANDING DESIGN LOADS WITHIN LIMITS AND UNDER CONDITIONS INDICATED.

   A. DESIGN LOADS: AS INDICATED IN STRUCTURAL DESIGN CRITERIA.

   B. DEFLECTION LIMITS: DESIGN FRAMING SYSTEMS TO WITHSTAND DESIGN LOADS WITHOUT DEFLECTIONS GREATER THAN THE FOLLOWING:

      a. EXTERIOR WALL FRAMING: HORIZONTAL DEFLECTION OF L/360 OF THE WALL HEIGHT.

      b. INTERIOR WALL FRAMING: HORIZONTAL DEFLECTION OF L/240 OF THE WALL HEIGHT.

   C. DESIGN FRAMING SYSTEMS TO PROVIDE FOR MOVEMENT OF FRAMING MEMBERS WITHOUT DAMAGE OR OVERSTRESSING, SHEATHING FAILURE, CONNECTION FAILURE, UNDUE STRAIN ON FASTENERS AND ANCHORS, OR OTHER DETRIMENTAL EFFECTS WHEN SUBJECT TO A MAXIMUM AMBIENT TEMPERATURE CHANGE OF 120 DEG. F.

   D. DESIGN FRAMING SYSTEM TO MAINTAIN CLEARANCES AT OPENINGS, TO ALLOW FOR CONSTRUCTION TOLERANCES, AND TO ACCOMMODATE LIVE LOAD DEFLECTION OF PRIMARY BUILDING STRUCTURE.

   E. METAL STUD MANUFACTURER SHALL BE A MEMBER OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA).

   F. ALL METAL STUDS AND ACCESSORIES SHALL HAVE A G60 GALVANIZED COATING, UNLESS NOTED OTHERWISE.

SUBMITTALS:

1. PRODUCT DATA: FOR EACH TYPE OF COLD FORMED METAL FRAMING PRODUCT AND ACCESSORY INDICATED.

2. SHOP DRAWINGS: SHOW LAYOUT, SPACINGS, SIZES, THICKNESSES, AND TYPES OF COLD FORMED METAL FRAMING; FABRICATION; AND FASTENING AND ANCHORAGE DETAILS, INCLUDING MECHANICAL FASTENERS. SHOW REINFORCING CHANNELS, OPENING FRAMING, SUPPLEMENTAL FRAMING, STRAPPING, BRACING, BRIDGING, SPLICES, ACCESSORIES, CONNECTION DETAILS, AND ATTACHMENT TO ADJOINING WORK.

   A. FOR COLD FORMED METAL FRAMING INDICATED TO COMPLY WITH DESIGN LOADS, INCLUDE STRUCTURAL ANALYSIS DATA SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER (LICENSED IN THE PROJECT STATE RESPONSIBLE FOR THEIR PREPARATION.

QUALITY ASSURANCE:

1. INSTALLER QUALIFICATIONS: AN EXPERIENCED INSTALLER WHO HAS COMPLETED COLD FORMED METAL FRAMING SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT AND WHOSE WORK HAS RESULTED IN CONSTRUCTION WITH A RECORD OF SUCCESSFUL IN SERVICE PERFORMANCE.

2. ENGINEERING RESPONSIBILITY: ENGAGE A QUALIFIED PROFESSIONAL ENGINEER (LICENSED IN THE PROJECT STATE) TO PREPARE DESIGN CALCULATIONS, SHOP DRAWINGS, AND OTHER STRUCTURAL DATA.

   REFER TO LIGHT GAUGE FRAMING DRAWINGS FOR LIGHT GAUGE METAL NOTES, PLANS AND DETAILS REQUIRED TO COMPLETE SYSTEM.

3. AISI SPECIFICATIONS: COMPLY WITH AISI'S "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" OR "LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR COLD FORMED STEEL STRUCTURAL MEMBERS".

ABBREVIATIONS

A.B.	ANCHOR BOLT	MAS.	MASONRY
ACI	AMERICAN CONCRETE INSTITUTE	MAU	MAKE-UP AIR UNIT
AFF	ABOVE FINISHED FLOOR	MAX	MAXIMUM
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	MECH	MECHANICAL
		MFR.	MANUFACTURER
AISI	AMERICAN IRON AND STEEL INSTITUTE	MIN.	MINIMUM
		MISC.	MISCELLANEOUS
ARCH	ARCHITECT	M.O.	MASONRY OPENING
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MTL.	METAL
AWS	AMERICAN WELDING SOCIETY	N.A.	NOT APPLICABLE
		N/A	NOT APPLICABLE
B/	BOTTOM OF	N.D.T.	NON-DESTRUCTIVE TESTING
BM.	BEAM	N.I.C.	NOT IN CONTRACT
BOTT	BOTTOM	NS	NEAR SIDE
BLKG.	BLOCKING	N.T.S.	NOT TO SCALE
BLDG.	BUILDING		
BRG.	BEARING	O.C.	ON CENTER
		O.D.	OUTSIDE DIAMETER
CJ	CONTROL/CONSTRUCTION JOINT	O.H.	OPPOSITE HAND
C.L.	CENTER LINE	OPNG	OPENING
CLR	CLEAR	OPP.	OPPOSITE
CMU	CONCRETE MASONRY UNIT		
COL	COLUMN	P.A.F.	POWDER ACTUATED FASTENER
CONC	CONCRETE	PJF	PREMOLDED JOINT FILLER
COND	CONDENSING UNIT	PL	PLATE
CONN	CONNECTION	PLUMB	PLUMBING
CONT	CONTINUOUS	PLYWD.	PLYWOOD
CONST	CONSTRUCTION	PREFAB.	PREFABRICATED
CONTR.	CONTRACTOR	P.T.	PRESSURE TREATED
COORD	COORDINATE	PTD.	PAINTED
CTR.	CENTER		
CY	CUBIC YARD	RAD.	RADIUS
		REINF	REINFORCING
DBE	DECK BEARING ELEVATION	REQD	REQUIRED
DET.	DETAIL	RTU	ROOF TOP UNIT
DIA	DIAMETER	R.O.	ROUGH OPENING
DN	DOWN		
DIM.	DIMENSION	SCHED.	SCHEDULE
DWG.	DRAWING	SDI	STEEL DECK INSTITUTE
		SECT.	SECTION
EA.	EACH	SHT.	SHEET
EF	EXHAUST FAN	SIM.	SIMILAR
E.J.	EXPANSION JOINT	SJI	STEEL JOIST INSTITUTE
EL	ELEVATION	SPCS	SPACES
ELEC	ELECTRICAL	SQ.	SQUARE
ELEV	ELEVATION	STD.	STANDARD
E.O.R.	ENGINEER OF RECORD	STL	STEEL
E.W.	EACH WAY	STRUC.	STRUCTURAL
EXIST.	EXISTING	S.W.	SHORT WAY
E.O.S.	EDGE OF SLAB		
EQ	EQUAL	T	THICKNESS
		T/	TOP OF
FDN	FOUNDATION	T.D.S.	TURN DOWN STEP
F.F.	FINISH FLOOR	THK.	THICK
FIN. FLR.	FINISH FLOOR	THRU	THROUGH
FS	FAR SIDE	TMS	THE MASONRY SOCIETY
F.S.	FOOTING STEP	T.O.C.	TOP OF CONCRETE
FT.	FOOT	T.O.S.	TOP OF STEEL
FTG.	FOOTING	TYP	TYPICAL
F.V.	FIELD VERIFY	T&B	TOP AND BOTTOM
GA.	GAUGE OR GAGE	U.N.O.	UNLESS NOTED OTHERWISE
GALV.	GALVANIZED	U.T.BM	UNDER THE BEAM
G.C.	GENERAL CONTRACTOR		
GDR	GIRDER	VERT	VERTICAL
HT.	HEIGHT	W	WIDTH
HORIZ	HORIZONTAL	WD	WOOD
		WF	WIDE FLANGE
INFO.	INFORMATION	WWF	WELDED WIRE FABRIC
		WWM	WELDED WIRE MESH
JBE	JOIST BEARING ELEVATION	W/	WITH
JST	JOIST	W/O	WITHOUT
JT	JOINT	WP	WORK POINT
KB	KNEE BRACE		
KEF	KITCHEN EXHAUST FAN		
L	LENGTH		
LBS	POUNDS		
LG	LONG		
LDH	LONG DIMENSION HORIZONTAL		
LDV	LONG DIMENSION VERTICAL		
LLH	LONG LEG HORIZONTAL		
LLV	LONG LEG VERTICAL		
LT.	LIGHT		
L.W.	LONG WAY		

RACEWAY
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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

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PROJECT NAME
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GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 DATE 03/29/22

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
GEORGIA REGISTERED No. 028877 PROFESSIONAL ENGINEER MARC D. ROSSI
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE
GENERAL STRUCTURAL NOTES

SHEET NUMBER
S001

ISSUED FOR CONSTRUCTION

SPECIAL INSPECTION AND TESTING:

THIS PROJECT REQUIRES SPECIAL INSPECTION AND TESTING IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE. THESE NOTES AND THE STATEMENT OF SPECIAL INSPECTIONS PREPARED FOR THE PROJECT OWNER ARE INTENDED TO INFORM THE CONTRACTOR OF THE QUALITY ASSURANCE PROGRAM AND THE EXTENT OF THE CONTRACTORS RESPONSIBILITIES.

THE SPECIAL INSPECTIONS AND TESTING PROGRAM:

THE SPECIAL INSPECTION AND TESTING PROGRAM IS A QUALITY ASSURANCE PROGRAM INTENDED TO ENSURE THAT THE WORK IS PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN IBC SECTION 110. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITY TO COMPLY WITH THE OFFICIAL CONTRACT DOCUMENTS. FURTHER, IT IS NOT INTENDED THAT THE CONTRACTOR'S CONTRACTUAL AND STATUTORY OBLIGATIONS ARE ANYWAY RELIEVED OR FOREGONE BY THE PRESENCE OF THE SPECIAL INSPECTOR. THE CONTRACTOR HAS THE SOLE RESPONSIBILITY FOR ANY DEVIATIONS FROM THE OFFICIAL CONTRACT DOCUMENTS. THE SPECIAL INSPECTOR DOES NOT REPLACE THE DUTIES OF THE BUILDING OFFICIAL NOR THE QUALITY CONTROL RESPONSIBILITIES AND PERSONNEL OF THE CONTRACTOR. JOB SITE SAFETY AND MEANS AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

THE PROJECT OWNER IS RESPONSIBLE FOR EMPLOYING SPECIAL INSPECTION SERVICES. THE SPECIAL INSPECTOR/AGENCY SHALL NOT BE IN THE EMPLOY OF THE CONTRACTOR, SUBCONTRACTOR OR MATERIAL SUPPLIER, IN THE CASE OF AN OWNER/CONTRACTOR, THE SPECIAL INSPECTOR/AGENCY SHALL BE EMPLOYED AS SPECIFIED BY THE BUILDING OFFICIAL.

THE SPECIAL INSPECTOR IS OBLIGATED TO BOTH THE OWNER AND THE BUILDING OFFICIAL FOR OBSERVING THAT THE WORK IS EXECUTED IN SUBSTANTIVE ACCORDANCE WITH THE OFFICIAL CONTRACT DOCUMENTS. THE OFFICIAL CONTRACT DOCUMENTS ARE DEFINED AS THE PERMITTED PLANS AND SPECIFICATIONS, ADDENDA, CHANGE ORDERS, ISSUED SKETCHES AND REVISION DRAWINGS, AND ALL DIRECTIVES ISSUED BY ARCHITECT/ENGINEER.

THE INSPECTION AND TESTING AGENTS SHALL DISCLOSE ANY PAST OR PRESENT BUSINESS RELATIONSHIP OR POTENTIAL CONFLICT OF INTEREST WITH THE CONTRACTOR OR ANY OF THE SUBCONTRACTORS WHOSE WORK IS TO BE INSPECTED OR TESTED. THE SPECIAL INSPECTORS MAY HAVE NO FINANCIAL INTEREST IN PROJECTS FOR WHICH THEY PROVIDE SPECIAL INSPECTION SERVICES.

SPECIAL INSPECTION REPORT REQUIREMENTS:

SPECIAL INSPECTION REPORTS AND A FINAL REPORT IN ACCORDANCE WITH IBC SECTION 1704.2.4 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.

REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF ALL INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH THE INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED OR TESTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND TESTS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS OR TESTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL PRIOR TO THE TIME THAT PHASE OF THE WORK IS APPROVED FOR OCCUPANCY.

CONTRACTOR RESPONSIBILITIES:

THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTOR IN ADVANCE OF CONSTRUCTION SCHEDULES AND PLANNED OPERATIONS IN ORDER TO ASSURE TIMELY AND APPROPRIATE INSPECTION FOR THE ITEMS LISTED IN THE SCHEDULE OF SPECIAL INSPECTIONS. THE CONTRACTOR SHALL PROVIDE ADEQUATE NOTICE TO THE SPECIAL INSPECTOR FOR ALL INSPECTIONS.

THE CONTRACTOR SHALL COOPERATE WITH AND ASSIST THE SPECIAL INSPECTOR IN PERFORMING HIS INSPECTION DUTIES. THE SPECIAL INSPECTOR SHALL HAVE FREE ACCESS TO THE PROJECT AT ALL TIMES. THE CONTRACTOR SHALL REVIEW THE SPECIAL INSPECTION PLAN AND COORDINATE THE SCHEDULE OF WORK TO ACCOMMODATE THE REQUIRED INSPECTIONS.

PROVIDE ACCESS TO APPROVED PLANS: THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE SPECIAL INSPECTOR ACCESS TO APPROVED PLANS. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF THE CONTRACT DOCUMENTS AT THE JOB SITE.

CORRECT DISCREPANCIES AND DEVIATIONS: THE CONTRACTOR SHALL, UPON BEING INFORMED BY THE SPECIAL INSPECTOR, IMMEDIATELY CAUSE TO ELIMINATE SUCH DISCREPANCIES AND DEVIATIONS.

WORK COMPLETED WITHOUT INSPECTION: WORK REQUIRING INSPECTION WHICH IS COMPLETED WITHOUT INSPECTION WILL BE REJECTED SOLELY ON THAT BASIS.

RETAIN SPECIAL INSPECTION RECORDS: THE CONTRACTOR IS ALSO RESPONSIBLE FOR RETAINING AT THE JOB SITE ALL SPECIAL INSPECTION RECORDS COMPLETED BY THE SPECIAL INSPECTOR.

COORDINATE AND SUBMIT: THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING TO THE BUILDING OFFICIAL AND THE OWNER A STATEMENT OF CONTRACTOR RESPONSIBILITY, IBC SECTION 1704.4, FOR THEMSELVES AND FOR SUBMITTING A STATEMENT OF CONTRACTOR RESPONSIBILITY FOR EACH STRUCTURAL COMPONENT SUBCONTRACTOR.

THE STATEMENTS OF RESPONSIBILITY SHALL BE SUBMITTED PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT.

A. THE STATEMENT OF CONTRACTOR RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:
   1. ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE QUALITY ASSURANCE PLAN.
   2. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
   3. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF THE REPORTS.
   4. IDENTIFICATION AND QUALIFICATIONS OF THE PERSONS EXERCISING SUCH CONTROL AND THEIR POSITIONS IN THE ORGANIZATION.

B. STRUCTURAL COMPONENT SUBCONTRACTORS INCLUDE BUT ARE NOT LIMITED TO STRUCTURAL STEEL FABRICATORS AND ERECTORS, COMPONENT FABRICATORS, SUCH AS STEEL JOISTS, CONCRETE AND MASONRY CONTRACTORS.

C. AT THE COMPLETION OF STRUCTURAL COMPONENT FABRICATION, THE FABRICATORS SHALL SUBMIT A CERTIFICATE OF COMPLIANCE STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COSTS OF:

RETESTING AND REINSPECTION OF MATERIALS, WORK AND/OR PRODUCTS THAT DO NOT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND SHOP DRAWINGS/SUBMITTAL DATA.

REVIEW OF PROPOSED REPAIR AND/OR REPLACEMENT PROCEDURES BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND THE INSPECTORS AND TESTING AGENCIES.

REPAIR OR REPLACEMENT OF WORK THAT DOES NOT MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

THE CONTRACTOR IS RESPONSIBLE FOR THE TRAVEL COSTS OF THE SPECIAL INSPECTOR OR AGENTS WHEN SHOP INSPECTION IS REQUIRED OF AN UNAPPROVED STRUCTURAL COMPONENT FABRICATOR.

INSPECTION OF FABRICATION:

WHERE FABRICATION OF STRUCTURAL MEMBERS AND ASSEMBLIES ARE PERFORMED ON THE PREMISES OF THE FABRICATOR, THE SHOP FABRICATION REQUIRES SPECIAL INSPECTION DURING THE FABRICATION OF ITEMS FOR THIS PROJECT.

EXEMPTION:

FABRICATORS APPROVED BY THE BUILDING OFFICIAL ARE EXEMPT FROM THE ON-PREMISE INSPECTION. THE APPROVAL BY THE BUILDING OFFICIAL OF ANY FABRICATOR SHOULD BE PROPERLY DOCUMENTED PRIOR TO THE COMMENCEMENT OF FABRICATION. EXEMPTION WILL BE PROVIDED TO FABRICATORS WHO PROVIDE PROOF OF CERTIFICATION BY A NATIONALLY RECOGNIZED GOVERNING ASSOCIATION WHICH PERFORMS PERIODIC INSPECTIONS AND MAINTAINS QUALITY ASSURANCE CRITERIA. EXAMPLES ARE: AISC CERTIFICATION FOR A STEEL FABRICATOR OR SJI CERTIFICATION FOR A STEEL JOIST MANUFACTURER.

AT THE COMPLETION OF FABRICATION, THE FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

CONCRETE TESTING NOTES:

CONCRETE TESTING AND INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318 AND THE SCHEDULE OF SPECIAL INSPECTIONS. SAMPLES FOR STRENGTH TESTS OF EACH CLASS OF CONCRETE PLACED EACH DAY SHALL BE TAKEN NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 75 C.Y. OF CONCRETE USED FOR FOOTINGS, NOR LESS THAN ONCE FOR EACH 5000 SQUARE FEET OF SURFACE AREA FOR SLABS. TEST REPORTS INDICATING NON-COMPLIANCE SHALL BE PROVIDED TO THE OWNER, ARCHITECT AND CONTRACTOR. A COPY OF THE TEST REPORTS SHALL BE AVAILABLE AT THE JOBSITE.

MASONRY TESTING NOTES:

CONCRETE MASONRY TESTING AND INSPECTION SHALL BE PREFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF TMS 602 AND THE SCHEDULE OF SPECIAL INSPECTIONS. INSPECTION SHALL INCLUDE GENERAL INSPECTION OF WORK IN PROGRESS TO CONFIRM THAT MATERIALS, CONSTRUCTION AND WORKMANSHIP ARE IN COMPLIANCE WITH PLANS, SPECIFICATIONS AND GOOD CONSTRUCTION PRACTICES. ADDITIONALLY, MORTAR SHALL BE SAMPLED AND TESTED IN ACCORDANCE WITH ASTM C780 ANNEX A6. EACH TEST SHALL CONSIST OF THREE (3) SPECIMENS.

FREQUENCY OF TESTING: AT THE BEGINNING OF MASONRY CONSTRUCTION AND ONCE FOR EVERY 5000 SQUARE FEET OF MASONRY INSTALLED THEREAFTER.

COLD WEATHER = LESS THAN 40 DEGREES FAHRENHEIT
HOT WEATHER = GREATER THAN 90 DEGREES FAHRENHEIT

INSPECTOR TO BE CERTIFIED BY THE INTERNATIONAL CODE COUNCIL.

STEEL INSPECTION AND TESTING NOTES:

STRUCTURAL STEEL TESTING AND INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE REFERENCED STANDARDS AND THE SCHEDULE OF SPECIAL INSPECTIONS.

FIELD BOLTED CONNECTIONS WILL BE TESTED AND INSPECTED ACCORDING TO RCSC'S "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS."

FIELD WELDS SHALL BE INSPECTED AND TESTED ACCORDING TO AWS D1.1. IN ADDITION TO VISUAL INSPECTION, WELDED MOMENT CONNECTIONS WILL BE TESTED BY ULTRASONIC, ASTM E164, OR OTHER AWS APPROVED METHOD.

OTHER REQUIRED INSPECTIONS:

THE REQUIREMENTS OF SPECIAL INSPECTIONS AND TESTING IN ACCORDANCE OF THE INTERNATIONAL BUILDING CODE ARE MINIMUM REQUIREMENTS AND DO NOT LIMIT THE REQUIREMENTS FOR THE CONTRACTOR TO PROVIDE OTHER QUALITY CONTROL INSPECTIONS AND TESTING REQUIRED BY THE OWNER, CONTRACT DOCUMENTS, OR OTHER GOVERNING AUTHORITIES HAVING JURISDICTION.

SCHEDULE OF SPECIAL INSPECTIONS

1704.2.5 INSPECTION OF FABRICATORS

MATERIAL/ACTIVITY	SERVICE	APPLICABLE TO PROJECT Y/N	EXTENT
VERIFY FABRICATION/QUALITY CONTROL PROCEDURES	IN-PLANT REVIEW (3) DURING FABRICATION	Y	SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE FABRICATOR IS REGISTERED AND APPROVED IN ACCORDANCE WITH SECTION 1704.2.5.1.

1705.2 STEEL CONSTRUCTION

MATERIAL/ACTIVITY	SERVICE	APPLICABLE TO PROJECT Y/N	EXTENT
1. FABRICATOR AND ERECTOR DOCUMENTS (VERIFY REPORTS AND CERTIFICATES AS LISTED IN AISC 360, CHAPTER N, SECTION N3, PARAGRAPH 2 FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS)	SUBMITTAL REVIEW	Y	EACH SUBMITTAL
2. MATERIAL VERIFICATION OF STRUCTURAL STEEL HIGH-STRENGTH BOLTS, NUTS, & WASHERS, & WELD FILLER MATERIALS	SHOP (3) AND FIELD INSPECTION	Y	PERIODIC
3. VERIFY ANCHOR DIAMETER, GRADE, TYPE, LENGTH, & EMBEDMENT (SEE 1705.3)	FIELD INSPECTION	Y	PERIODIC
4. VERIFY MEMBERS LOCATIONS, BRACES, STIFFENERS, AND APPLICATION OF JOINT DETAILS AT EACH CONNECTION COMPLY WITH CONSTRUCTION DOCUMENTS	FIELD INSPECTION	Y	PERIODIC
5. STRUCTURAL STEEL WELDING	—	—	—
a. INSPECTION TASKS PRIOR TO WELDING (OBSERVE OR PERFORM, FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360 TABLE N5.4-1)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE OR PERFORM AS NOTED (4)
b. INSPECTION TASKS DURING WELDING (OBSERVE OR PERFORM, FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360 TABLE N5.4-2)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE (4)
c. INSPECTION TASKS AFTER WELDING (OBSERVE OR PERFORM, FOR EACH WELDED JOINT OR MEMBER, THE QA TASKS LISTED IN AISC 360 TABLE N5.4-3)	SHOP (3) AND FIELD INSPECTION	Y	OBSERVE OR PERFORM AS NOTED (4)
d. NONDESTRUCTIVE (NDT) TESTING OF WELDED JOINTS:	—	—	—
1) NOT USED			
2) COMPLETE PENETRATION GROOVE WELDS 5/16" OR GREATER IN RISK CATEGORY II	SHOP (3) OR FIELD ULTRASONIC TESTING - 10% OF WELDS, MINIMUM	Y	PERIODIC
7) FABRICATORS NDT REPORTS WHEN FABRICATOR PERFORMS NDT	VERIFY REPORTS	Y	EACH SUBMITTAL (5)
6. STRUCTURAL STEEL BOLTING:	SHOP (3) AND FIELD INSPECTION	—	—
a. INSPECTION TASKS PRIOR TO BOLTING (OBSERVE OR PERFORM TASKS FOR EACH BOLTED CONNECTION IN ACCORDANCE WITH QA TASKS LISTED IN AISC 360 TABLE N5.6-1)	—	—	OBSERVE OR PERFORM AS NOTED (4)
b. INSPECTION TASKS DURING BOLTING (OBSERVE THE QA TASKS LISTED IN AISC 360 TABLE N5.6-2)	—	—	OBSERVE (4)
1) PRE-TENSIONED AND SLIP-CRITICAL JOINTS	—	—	
a) NOT USED			
b) DIRECT TENSION INDICATOR	—	Y	PERIODIC
c) TWIST-OFF TYPE TENSION CONTROL BOLT	—	Y	PERIODIC
2) SNUG-TIGHT JOINTS	—	Y	PERIODIC
c. INSPECTION TASKS AFTER BOLTING (PERFORM TASKS FOR EACH BOLTED CONNECTION IN ACCORDANCE WITH QA TASKS LISTED IN AISC 360, TABLE N5.6-3)	SHOP (3) AND FIELD INSPECTION AND TESTING	Y	PERFORM (4)

1705.2.2 COLD FORMED STEEL DECK

TABLE 1.1 INSPECTION OR EXECUTION TASKS PRIOR TO DECK PLACEMENT

	TASK	APPLICABLE TO PROJECT Y/N	EXTENTS
A	VERIFY COMPLIANCE OF MATERIAL, (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS	Y	EACH SUBMITTAL
B	DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES	Y	EACH SUBMITTAL

TABLE 1.2 INSPECTION OR EXECUTION TASKS AFTER DECK PLACEMENT

	TASK	Y/N	EXTENTS
A	VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS	Y	PERIODIC
B	VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS	Y	PERIODIC
C	DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	Y	PERIODIC

TABLE 1.3 INSPECTION OR EXECUTION TASKS PRIOR TO WELDING

	TASK	Y/N	EXTENTS
A	WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE	Y	PERIODIC
B	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	Y	PERIODIC
C	MATERIAL IDENTIFICATION (TYPE/GRADE)	Y	PERIODIC
D	CHECK WELDING EQUIPMENT	Y	PERIODIC

TABLE 1.4 INSPECTION OR EXECUTION TASKS DURING WELDING

	TASK	Y/N	EXTENTS
A	USE OF QUALIFIED WELDERS	Y	PERIODIC
B	CONTROL AND HANDLING OF WELDING CONSUMABLES	Y	PERIODIC
C	ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE)	Y	PERIODIC
D	WPS FOLLOWED	Y	PERIODIC

TABLE 1.5 INSPECTION OR EXECUTION TASKS AFTER WELDING

	TASK	Y/N	EXTENTS
A	VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.	Y	PERIODIC
B	WELDS MEET VISUAL ACCEPTANCE CRITERIA	Y	PERIODIC
C	VERIFY REPAIR ACTIVITIES	Y	PERIODIC
D	DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	Y	PERIODIC

1705.3 CONCRETE CONSTRUCTION

MATERIAL/ ACTIVITY	APPLICABLE TO PROJECT Y/N	EXTENT	REFERENCED STANDARD	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	Y	PERIODIC	ACI 318 CH.20, 25.2, 25.3, 26.6.1.-26.6.3	1908.4
2. REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 b. INSPECT SINGLE-PASS FILLET WELDS, MAX. 5/16" c. INSPECT ALL OTHER WELDS.	Y Y Y	PERIODIC PERIODIC CONTINUOUS	AWS D1.4 ACI 318: 26.6.4	-
3. INSPECT ANCHORS CAST IN CONCRETE.	Y	PERIODIC	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	Y Y	CONTINUOUS PERIODIC	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-
5. VERIFY USE OF REQUIRED DESIGN MIX.	Y	PERIODIC	ACI 318: CH. 19. 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Y	CONTINUOUS	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.10
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	Y	CONTINUOUS	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	Y	PERIODIC	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR: a. APPLICATION OF PRESTRESSING FORCES b. GROUTING OF BONDED PRESTRESSING TENDONS.	N N	CONTINUOUS CONTINUOUS	ACI 318: 26.10	-
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	N	PERIODIC	ACI 318: CH 26.9	-
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	N	PERIODIC	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	Y	PERIODIC	ACI 318: 26.11.1.2(b)	-
13. CONCRETE STRENGTH TESTING AND VERIFICATION OF COMPLIANCE WITH CONSTRUCTION DOCUMENTS.	Y	PERIODIC	-	-

[a] WHERE APPLICABLE, SEE ALSO SECTION 1705.12. SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
[b] SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

1705.4 MASONRY CONSTRUCTION - LEVEL 2 VERIFICATION AND INSPECTION

MATERIAL/ACTIVITY	APPLICABLE TO PROJECT Y/N	EXTENT LEVEL 1	LEVEL 2	LEVEL 3
MINIMUM VERIFICATION REQUIREMENTS				
1. PRIOR TO CONSTRUCTION, VERIFICATION OF COMPLIANCE OF SUBMITTALS.	Y	R	R	R
2. PRIOR TO CONSTRUCTION, VERIFICATION OF F'M AND F'AAC, EXCEPT WHERE SPECIFICALLY EXEMPT BY THE CODE.	Y	NR	R	R
3. DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE.	Y	NR	R	R
4. DURING CONSTRUCTION, VERIFICATION OF F'M AND F'ACC FOR EVERY 5000 SQUARE FEET.	N	NR	NR	R
5. DURING CONSTRUCTION, VERIFICATION OF PROPORTIONS OF MATERIALS AS DELIVERED TO THE PROJECT SITE FOR PREMIXED OR PREBLENDED MORTAR, PRESTRESSING GROUT, AND GROUT OTHER THAN SELF-CONSOLIDATING GROUT.	N	NR	NR	R
MINIMUM INSPECTION REQUIREMENTS				
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
a. PROPORTIONS OF SITE-PREPARED MORTAR	Y	NR	P	P
b. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGE	N	NR	P	P
c. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGE	Y	NR	P	P
d. PRESTRESSING TECHNIQUE	N	NR	P	P
e. PROPERTIES OF THIN-BED MORTAR FOR ACC MASONRY	N	NR	C(b) / P(c)	C
f. SAMPLE PANEL CONSTRUCTION	N	NR	P	C
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
a. GROUT SPACE	Y	NR	P	C
b. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES	N	NR	P	P
c. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	Y	NR	P	C
d. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	Y	NR	P	P
3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:				
a. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	Y	NR	P	P
b. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	Y	NR	P	P
c. SIZE AND LOCATION OF STRUCTURAL MEMBERS	Y	NR	P	P
d. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION	Y	NR	P	C
e. WELDING OF REINFORCEMENT	N	NR	C	C
f. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40 DEG F) OR HOT WEATHER (TEMPERATURE ABOVE 90 DEG F)	Y	NR	P	P
g. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE	N	NR	C	C
h. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE	Y	NR	C	C
i. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS	N	NR	C(b) / P(c)	C
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	Y	NR	P	C

[a] FREQUENCY REFERS TO THE FREQUENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE LISTED TASK OR PERIODICALLY DURING THE LISTED TASK, AS DEFINED IN THE TABLE:
NR = NOT REQUIRED, R = REQUIRED, P = PERIODIC, C = CONTINUOUS
(b) REQUIRED FOR THE FIRST 5000 SQUARE FEET OF AAC MASONRY.
(c) REQUIRED AFTER THE FIRST 5000 SQUARE FEET OF AAC MASONRY.

1705.6 SOILS

MATERIAL/ACTIVITY	SERVICE	APPLICABLE TO PROJECT Y/N	EXTENT
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	FIELD INSPECTION	Y	PERIODIC
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	FIELD INSPECTION	Y	PERIODIC
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	FIELD INSPECTION	Y	PERIODIC
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	FIELD INSPECTION	Y	CONTINUOUS
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	FIELD INSPECTION	Y	PERIODIC

NOTES:
1. THE INSPECTION AND TESTING AGENT OR AGENTS, SHALL BE ENGAGED BY THE OWNER OR THE OWNER'S AGENT, AND NOT BY THE CONTRACTOR OR SUBCONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED. ANY CONFLICT OF INTEREST MUST BE DISCLOSED TO THE BUILDING OFFICIAL PRIOR TO COMMENCING WORK. THE QUALIFICATIONS OF THE SPECIAL INSPECTOR AND/OR TESTING AGENCIES MAY BE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL AND/OR THE DESIGN PROFESSIONAL.
2. SUBMIT A LIST OF THE SPECIAL INSPECTORS ON A SEPARATE DOCUMENT TO THE BUILDING OFFICIAL AND THE DESIGN PROFESSIONAL.
3. SPECIAL INSPECTIONS AS REQUIRED BY IBC SECTION 1704.2.5 ARE NOT REQUIRED WHERE THE FABRICATOR IS APPROVED IN ACCORDANCE WITH IBC SECTION 1704.2.5.1.
4. OBSERVE ON A RANDOM BASIS, OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM THESE TASKS FOR EACH WELDED JOINT, BOLTED CONNECTION, OR STEEL ELEMENT.
5. NON-DESTRUCTIVE TESTING (NDT) OF WELDS COMPLETED IN AN APPROVED FABRICATOR'S SHOP MAY BE PERFORMED BY THAT FABRICATOR WHEN APPROVED BY THE AHJ. REFER TO AISC 360, N7.

DEFINITIONS:
1. SPECIAL INSPECTION: INSPECTION OF CONSTRUCTION REQUIRING THE EXPERTISE OF AN APPROVED SPECIAL INSPECTOR IN ORDER TO ENSURE COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
2. SPECIAL INSPECTOR: QUALIFIED FIRM OR INDIVIDUAL RESPONSIBLE FOR PERFORMING SPECIFIC TESTS OR INSPECTIONS AS PART OF THE SPECIAL INSPECTION PROGRAM.
3. PERIODIC SPECIAL INSPECTION: THE PART TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK. MAY BE ALLOWED WHEN COMPLIANCE OF THE WORK OR PRODUCT CAN BE DETERMINED AFTER BEING INCORPORATED INTO THE STRUCTURE.
4. CONTINUOUS SPECIAL INSPECTION: THE FULL TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PREFORMED.

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
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RACETRAC, INC.
200 GALLERIA PARKWAY SOUTHEAST
SUITE 900
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(770) 431-7600

PROJECT NAME
HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 DATE 03/29/22

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


2023.02.07

PROJECT NUMBER
22.765.00

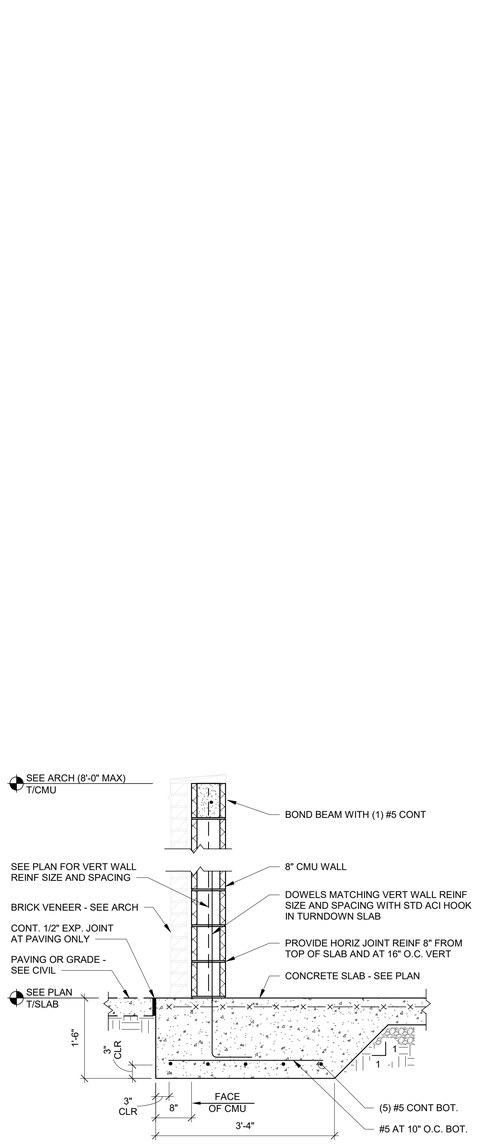
SHEET TITLE
SPECIAL INSPECTIONS AND NOTES

SHEET NUMBER
S002

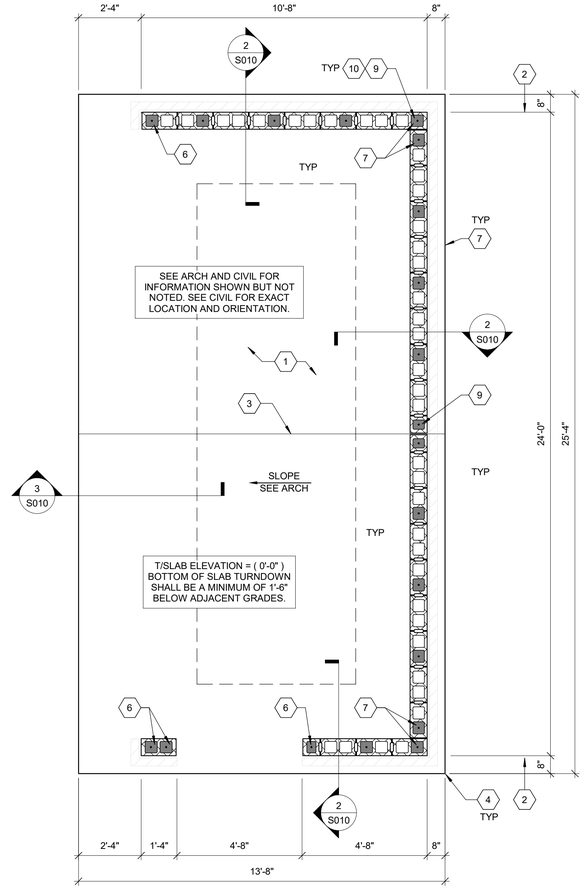
ISSUED FOR CONSTRUCTION



3 DUMPSTER SLAB TURNDOWN
3/4" = 1'-0"



2 TYPICAL ENCLOSURE SLAB TURNDOWN
3/4" = 1'-0"



1 ENCLOSURE FOUNDATION PLAN
3/8" = 1'-0"

LEGEND	
#	INDICATES SHEET KEYNOTE
	INDICATES CMU CONTROL JOINT - SEE ARCHITECTURAL FOR DETAILS AND ADDITIONAL INFORMATION.

SHEET KEYNOTES	
1	6" CONCRETE SLAB-ON-GRADE REINFORCED WITH 6x6-W2.9xW2.9 WWF (IN SHEETS) LOCATED 2" FROM TOP OF SLAB. SEE GEOTECHNICAL REPORT FOR BASE MATERIAL.
2	CMU CONTROL JOINT - SEE ARCH FOR DETAILS.
3	SLAB CONTROL JOINT - SEE 1/S430.
4	PROVIDE CORNER BARS IN SLAB TURNDOWN TO MATCH SIZE OF LONGITUDINAL REINFORCEMENT - TYP - SEE 3/S430.
5	TYPICAL CMU WALL VERTICAL REINFORCEMENT U.N.O.: (1) #6 AT 32" O.C. AT C.L. OF WALL - FULLY GROUT ALL REINFORCED CELLS w/ 2200 PSI GROUND, MIN.
6	(1) VERTICALLY REINFORCED CELL AT END OF WALL - TYP.
7	(1) VERTICALLY REINFORCED CELL EACH SIDE OF CMU EXPANSION JOINT - TYP.
7	PROVIDE 3/4" CHAMFER AT EDGE OF SLAB TURNDOWN WHERE NOT ADJACENT TO PAVING - SEE ARCH AND CIVIL, TYP.
9	TOP OF WALL BOND BEAM REINF SHALL BE CONTINUOUS THROUGH CMU CONTROL JOINT.
10	PROVIDE 2'-0"x2'-0" CORNER BAR IN BOND BEAM AT TOP OF WALL AT CORNERS.

GENERAL NOTES
1. SEE SHEET S000 FOR MINIMUM EMBEDMENT OF BOTTOM OF FOUNDATION TURNDOWNS BELOW ADJACENT GRADES.
2. PROVIDE STEEL OR CAST IRON PIPE SLEEVE FOR PIPES PASSING UNDER FOOTINGS.
3. REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR ANY SIDEWALK, PLANTER, OR PAVER LOCATIONS AND DETAILS.
4. CONDUITS AND PIPES EMBEDDED IN SLABS SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN ONE THIRD THE OVERALL THICKNESS OF THE SLAB.
5. CONDUITS AND PIPES EMBEDDED IN SLABS SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER.
6. A MINIMUM SLAB THICKNESS OF 2 1/2" MUST BE MAINTAINED OVER ITEMS EMBEDDED IN THE SLAB.
7. COORDINATE SLOPED SLABS AND DRAIN LOCATIONS WITH ARCHITECTURAL SND CIVIL DRAWINGS.
8. ALL DIMENSIONS ARE TO OUTSIDE FACE OF CMU OR EDGE OF SLAB-ON-GRADE, UNLESS NOTED OTHERWISE.

RACEWAY

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(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

GEORGIA REGISTERED No. 028877 PROFESSIONAL ENGINEER RICHARD D. ROSSIGNOL

2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

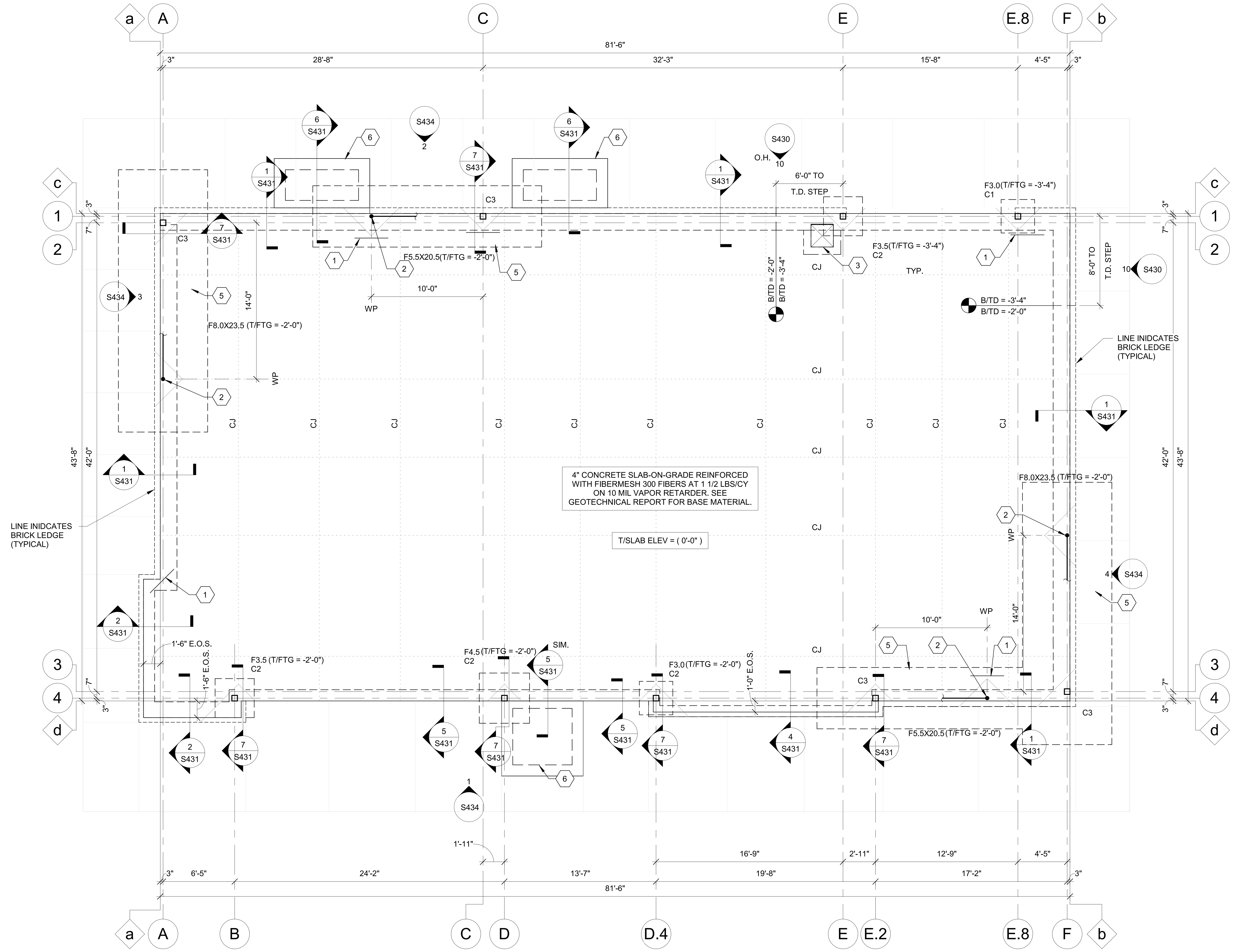
ENCLOSURE FOUNDATION PLAN AND DETAILS

SHEET NUMBER

S010

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0201



1 FOUNDATION PLAN
3/16" = 1'-0"

COLUMN SCHEDULE

MARK	SIZE	BASE PLATE SIZE	BASE PLATE TYPE	ANCHOR BOLTS
C1	HSS6X6X1/4	3/4"x12"x1'-0"	TYPE A	(4) 3/4" DIA. x 9" EMBED
C2	HSS6X6X5/16	3/4"x12"x1'-0"	TYPE A	(4) 3/4" DIA. x 9" EMBED
C3	HSS6X6X3/8	3/4"x12"x1'-0"	TYPE A	(4) 3/4" DIA. x 15" EMBED

NOTE: SEE 5/S430 FOR ANCHOR BOLT DIAGRAM AND 6/S430 FOR BASE PLATE TYPES

FOOTING SCHEDULE

MARK	WIDTH (W)	LENGTH (L)	THICKNESS (T)	REINFORCING
F3.0	3' - 0"	3' - 0"	1' - 4"	(4) #5 E.W. T&B
F3.5	3' - 6"	3' - 6"	1' - 4"	(4) #5 E.W. T&B
F4.5	4' - 6"	4' - 6"	1' - 4"	(5) #5 E.W. T&B
F5.5X20.5	5' - 6"	20' - 6"	2' - 0"	(6) #6 L.D.T.B. #6 AT 14" O.C. S.D.T.B.
F8.0X23.5	8' - 0"	23' - 6"	2' - 0"	(10) #6 L.D.T.B. #6 AT 14" O.C. S.D.T.B.

NOTES:
1. PROVIDE STANDARD ACI 90 DEG HOOKS AT EACH END OF LONGITUDINAL REINFORCING AT TOP LAYER.
2. L.D.T.B. = LONG DIRECTION TOP AND BOTTOM
3. S.D.T.B. = SHORT DIRECTION TOP AND BOTTOM

LEGEND

Symbol	Description
(X'-X")	INDICATES ELEVATION WITH RESPECT TO FINISHED FLOOR
	INDICATES BOTTOM OF VERTICAL BRACE AT STEEL BRACED FRAME - SEE SHEET S434
GRID	INDICATES CENTER OF COLUMN
grid	INDICATES EXTERIOR FACE OF PRIMARY METAL STUD FRAMING
CX	INDICATES COLUMN MARK - SEE SCHED
FX	INDICATES FOOTING MARK - SEE SCHED
#	INDICATES SHEET KEYNOTE
S### #	INDICATES ELEVATION VIEW

SHEET KEYNOTES

1	RE-ENTRANT CORNER BAR - SEE 2/S430.
2	BRACED FRAME WORK POINT. SEE 6/S434 FOR BOTTOM OF BRACED FRAME BRACE CONNECTION.
3	MOP SINK DEPRESSION SLOPED TO DRAIN. SEE 14/S430 AND ARCHITECTURAL DRAWINGS FOR DETAILS.
4	NOT USED.
4	SEE 4/S430 FOR SLAB AT INTERIOR BRACE.
5	CENTER SPREAD FOOTING ON BRACED FRAME - SEE SHEET S434 FOR ADDITIONAL INFORMATION.
6	EXTERIOR SLAB TURNDOWN - REF 7/S430.

GENERAL NOTES

1. STEP FOOTINGS BELOW MECHANICAL, ELECTRICAL OR PLUMBING LINES AS REQUIRED TO AVOID INTERFERENCE. SEE TYPICAL FOOTING STEP DETAIL. COORDINATE WITH OTHER TRADES. PROVIDE STEEL OR CAST IRON PIPE SLEEVE TWO PIPE SIZES GREATER THAN PIPE PASSING THROUGH WALLS AND SLAB TURNDOWNS.
2. PROVIDE STEEL OR CAST IRON PIPE SLEEVE FOR PIPES PASSING UNDER FOOTINGS.
3. SEE SHEET S000 FOR MINIMUM EMBEDMENT OF BOTTOM OF FOUNDATION TURNDOWNS BELOW ADJACENT GRADES.
4. PROVIDE LEVELING NUTS ON ANCHOR RODS AT ALL COLUMN LOCATIONS (LEVELING PLATE OPTIONAL).
5. SIDEWALK SLAB SHALL BE 4" THICK CONCRETE REINFORCED WITH FIBERMESH 300 FIBERS AT 1 1/2 LBS/CY. SEE GEOTECHNICAL REPORT FOR BASE MATERIAL.
6. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR ANY SIDEWALK, PLANTER, OR PAVER LOCATIONS AND DETAILS.
7. CONDIUTS AND PIPES EMBEDDED IN SLABS SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER.
8. A MINIMUM SLAB THICKNESS OF 2 1/2" MUST BE MAINTAINED OVER ITEMS EMBEDDED IN THE SLAB.
9. ALL DIMENSIONS ARE TO EDGE OF SLAB-ON-GRADE, UNLESS NOTED OTHERWISE.

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HWY 84 & GA HWY 3 EDO

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RACETRAC STORE NUMBER

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PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 DATE 03/29/22

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PROFESSIONAL SEAL

GEORGIA REGISTERED No. 028877 PROFESSIONAL ENGINEER MARC D. ROSSIGNOL
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

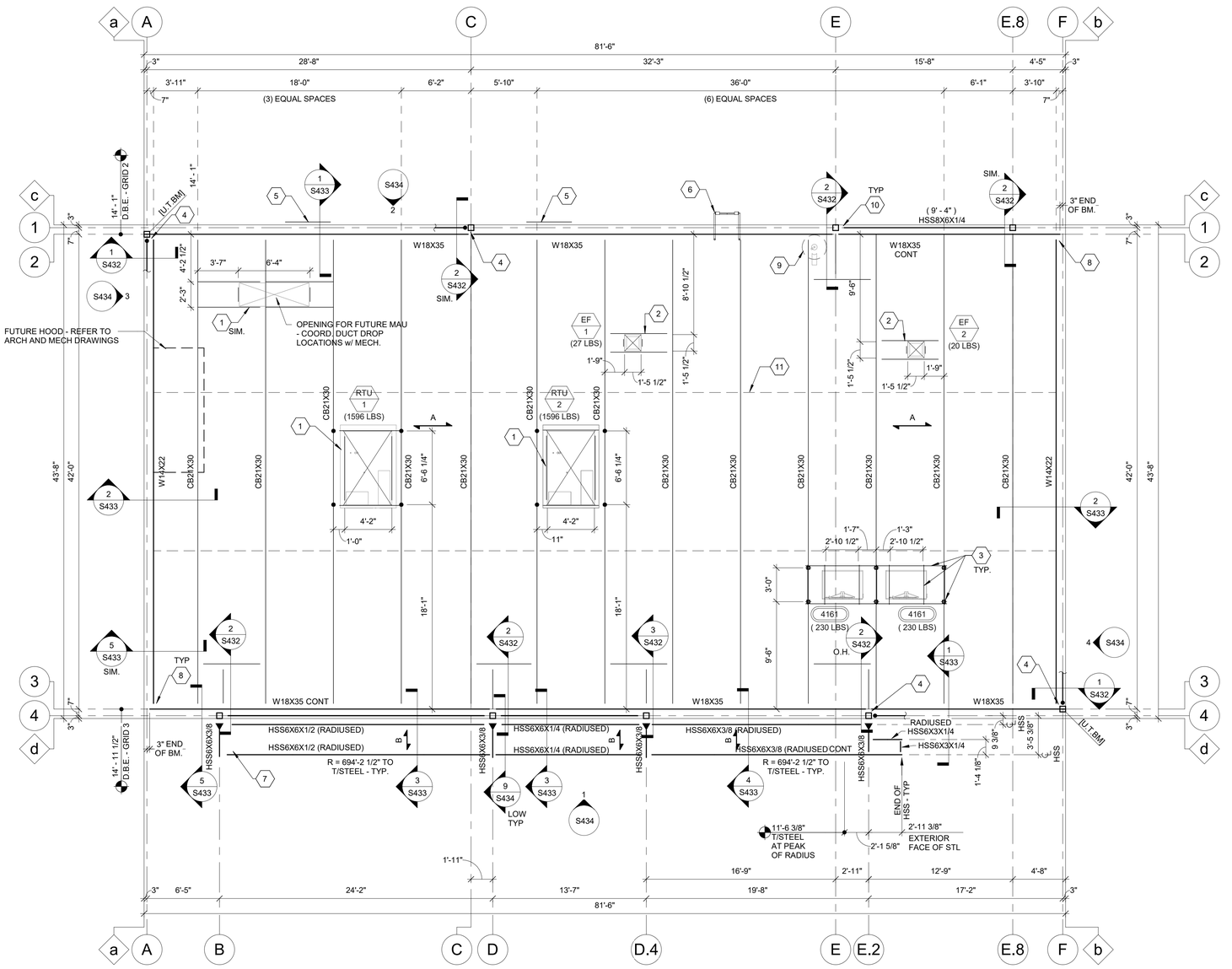
FOUNDATION PLAN

SHEET NUMBER

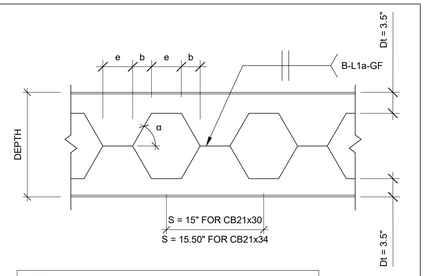
S120

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0201



1 ROOF FRAMING PLAN
3/16" = 1'-0"



NOTE:
-CASTELLATED BEAM DENOTED BY CB (DEPTH)X(WEIGHT)
-a - 58° MIN AND 62° MAX
-e - CB21X30 = 3.50"; CB21X34 = 3.75"
-b - 4"

2 CASTELLATED BEAM PROFILE
1" = 1'-0"

LEGEND

X	INDICATES METAL ROOF DECK SPAN DIRECTION AND DECK MARK. SEE SHEET GENERAL NOTE #5.
< +/- X'-X" >	INDICATES TOP OF STEEL ELEVATION ABOVE OR BELOW TOP OF STEEL. TOP OF BEAM PARALLEL TO ROOF BEAM TO MATCH BEAM SLOPE.
(X'-X")	INDICATES TOP OF STEEL ELEVATION ABOVE FINISHED FLOOR.
GRID	INDICATES CENTER OF COLUMN
grid	INDICATES EXTERIOR FACE OF PRIMARY METAL STUD FRAMING
	INDICATES TOP OF VERTICAL BRACE AT STEEL BRACED FRAME - SEE SHEET S434
X / X	INDICATES MECHANICAL EQUIPMENT - SEE MECH
XXXX	INDICATES REFRIGERATION EQUIPMENT - SEE SHEET A141
#	INDICATES SHEET KEYNOTE
S### #	INDICATES ELEVATION VIEW
	INDICATES STEEL MOMENT CONNECTION

SHEET KEYNOTES

1	SUPPORT FRAMING AT RTU (FUTURE MAU SIM.) - SEE 6/S432.
2	SUPPORT FRAMING AT ROOF PENETRATION - SEE 5/S432. ADDITIONAL FRAMING REQUIRED AT EQUIPMENT RAILS AT SIM. ONLY.
3	SUPPORT FRAMING AND POSTS AT CONDENSER - SEE 7/S432.
4	VERTICAL BRACE CONNECTION AT TOP OF BRACED FRAME - SEE FRAMING ELEVATIONS ON SHEET S434.
5	BRICK LINTEL AT OPENINGS - SEE 9/S430. REFER TO ARCHITECTURAL FOR ADDITIONAL INFORMATION.
6	ROOF LADDER - SEE 11/S432 FOR ATTACHMENT. REFER TO ARCHITECTURAL FOR ADDITIONAL INFORMATION.
7	ROOF DRAIN - REFER TO ARCHITECTURAL.
8	BEAM TO BEAM CONNECTION - SEE 4/S432.
9	WATER HEATER AND PLATFORM (BELOW) SUPPORTED ON EXTERIOR METAL STUD WALL (600 LBS MAX) - SEE ARCH AND PLUMBING FOR ADDITIONAL INFORMATION.
10	HSS BEAM TO COLUMN CONNECTION - SEE 8/S434.
11	L2x2x1/4 HORIZONTAL BRACING AT 1/3 POINTS OF BEAM SPAN

GENERAL NOTES

1. PROVIDE L3X3X3/16 ROOF DECK SUPPPORT ANGLE AT BEARING EDGES OF ROOF DECK PERIMETER. LOCATE JOINTS IN CONTINOUS ANGLE AT CASTELLATED BEAM LOCATIONS. WELD ANGLE TO BEARING BEAM IN 3-12 PATTERN.
2. REFER TO DETAILS FOR STEEL SUPPORT FRAMING AND CURB ATTACHMENTS AT ALL ROOF CURBS. ALL DIMENSIONS SHALL BE COORDINATED BY THE G.C. THE CURB MANUFACTURER IS TO PROVIDE UPLIFT RESTRAINT BRACKETS DESIGNED TO RESIST LATERAL AND UPLIFT LOADING PER THE WIND SPEED INDICATED ON SHEET S000.
3. ATTACH DECK TO PERIMETER SUPPORTS WITH 5/8" DIA. PUDDLE WELDS AT 6" O.C. FASTEN DECK AT OPENING FRAMES AT 6" O.C. REFER TO DETAIL 10/S432. ROOF DECK WELD PATTERN TO SUPPORTING MEMBERS AND DECK SIDE LAP FASTENERS SHALL BE AS FOLLOWS:
   A. 36/5 PATTERN OF 5/8" DIA. PUDDLE WELDS. DECK SIDELAP FASTENERS SHALL BE (3) #10 TEK SCREWS PER SPAN.
   B. 36/4 PATTERN OF 5/8" DIA. PUDDLE WELDS. DECK SIDELAP FASTENERS SHALL BE (1) #10 TEK SCREWS PER SPAN.
4. ALL ROOF PENETRATIONS, DIMENSIONED AND NON-DIMENSIONED, ARE SUBJECT TO CHANGE DUE TO FIELD CONDITIONS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR AND OTHER TRADES PRIOR TO PENETRATING ROOF.
5. REFER TO ARCHITECTRUAL DRAWINGS FOR MISCELLANEOUS STEEL BRACKETS, BRACES, SUPPORTS, ETC. NOT INDICATED ON THE STRUCTURAL DRAWINGS.
6. DIMENSIONS AT ROOF CURBS ARE TO OUTSIDE FACE OF CURB - BY SUPPLIER.
7. DIMENSIONS AT CONDENSERS ARE TO INSIDE FACE OF VERTICAL LEG OF ANGLE.

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

22.765.00

SHEET TITLE

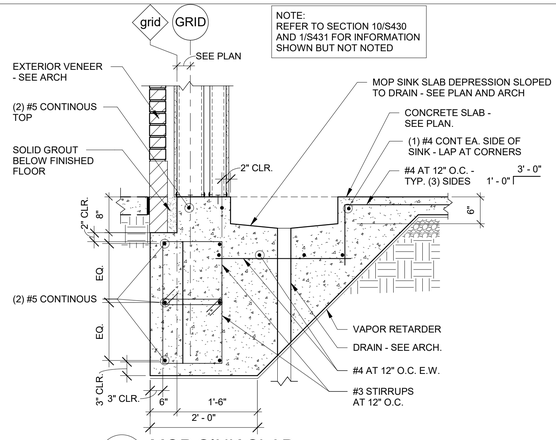
ROOF FRAMING PLAN

SHEET NUMBER

S200

ISSUED FOR CONSTRUCTION

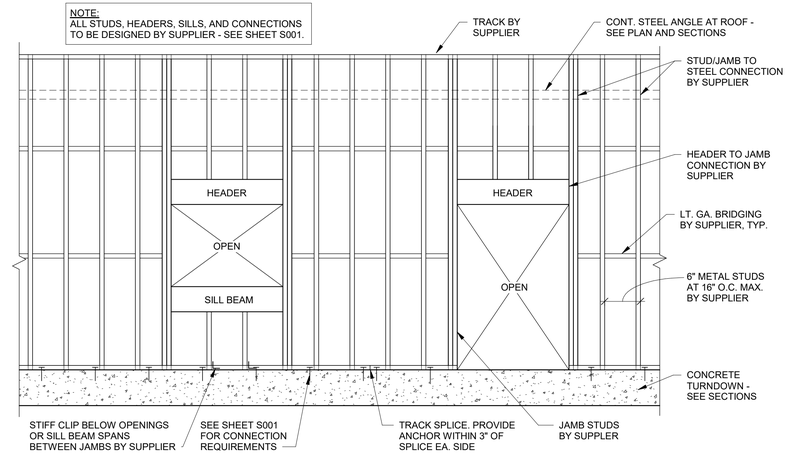
APPLICABLE SPB(s): 2022.0201



NOTE:
REFER TO SECTION 10/S430 AND 1/S431 FOR INFORMATION SHOWN BUT NOT NOTED

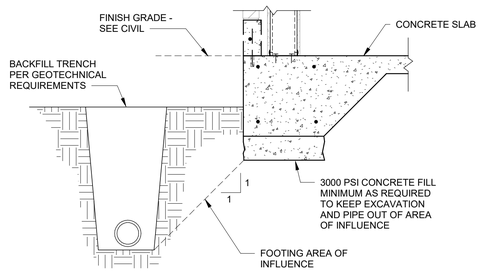
14 MOP SINK SLAB
3/4" = 1'-0"

NOTE:
ALL STUDS, HEADERS, SILLS, AND CONNECTIONS TO BE DESIGNED BY SUPPLIER - SEE SHEET S001.

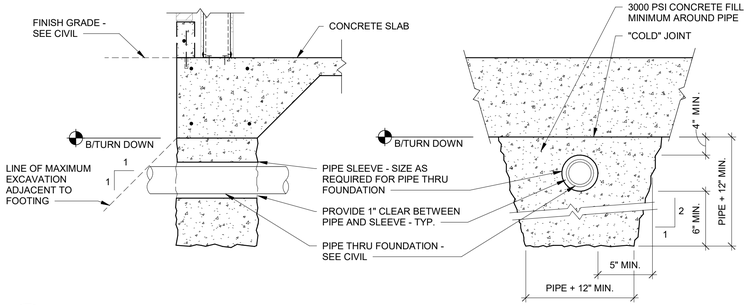


13 SCHEMATIC LIGHT GAUGE WALL FRAMING ELEVATION
NTS

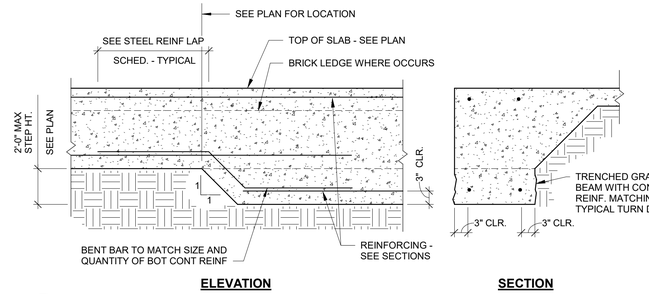
NOTE:
CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND PIPING, CONDUIT, ETC. WITH APPROPRIATE SUBCONTRACTOR AND CIVIL DRAWINGS. SINGLE UTILITY LINE IS SHOWN - THIS INFORMATION IS APPLICABLE TO MULTIPLE UTILITY LINES BANDED TOGETHER.



12 UTILITY PARALLEL TO TURNDOWN
3/4" = 1'-0"



11 UTILITY PERPENDICULAR TO TURNDOWN
3/4" = 1'-0"



10 SLAB TURNDOWN STEP
3/4" = 1'-0"

BRICK LINTEL SCHEDULE

MASONRY CLEAR OPENING WIDTH		LINTEL ANGLE
MINIMUM	MAXIMUM	
	4'-0"	L4x4x3/8
4'-1"	8'-0"	L6X4X3/8 (LLV)

NOTES:
1. THIS SCHEDULE DOES NOT ACCOUNT FOR CONCENTRATED LOADS ON LINTELS. SEE ADDITIONAL DETAILS FOR LINTELS SUPPORTING CONCENTRATED LOADS.
2. PROVIDE 4" MINIMUM BEARING AT EACH END.
3. PROVIDE BRICK LINTEL PER THIS SCHEDULE WHERE SUPPORT IS NOT OTHERWISE PROVIDED, SEE DETAILS.

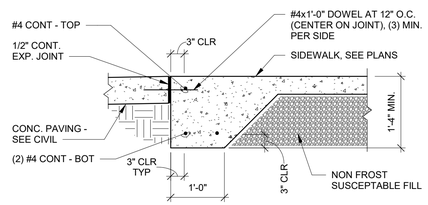
9 BRICK LINTEL SCHEDULE
NTS

STEEL REINFORCING LAP SCHEDULE

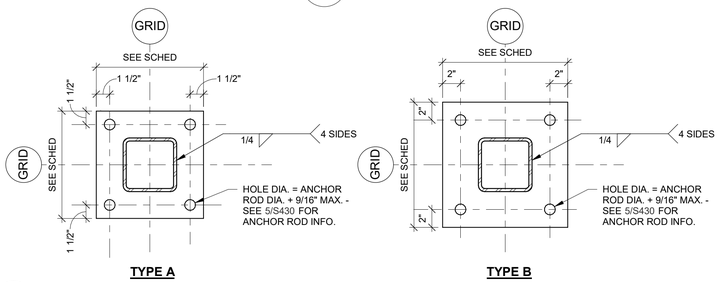
BAR SIZE	CONCRETE LAP SPLICE (CLASS B)		CMU LAP SPLICE
	TOP	OTHER	
#4	20"	16"	13"
#5	25"	19"	20"
#6	29"	23"	38"

NOTE: MAXIMUM MASONRY STRESS = 100%

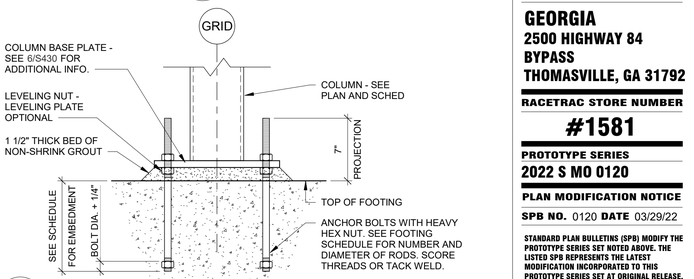
8 REINFORCING LAP SCHEDULE
NTS



7 EXTERIOR SLAB TURNDOWN
3/4" = 1'-0"

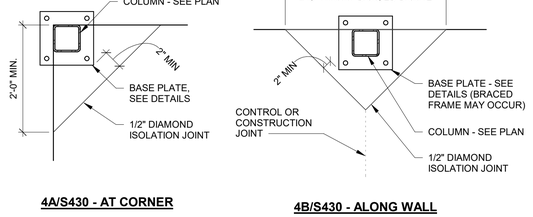


6 COLUMN BASE PLATE DIAGRAMS
1 1/2" = 1'-0"

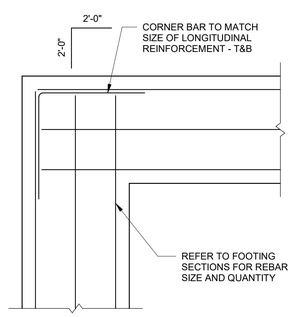


5 ANCHOR BOLT DIAGRAM
1 1/2" = 1'-0"

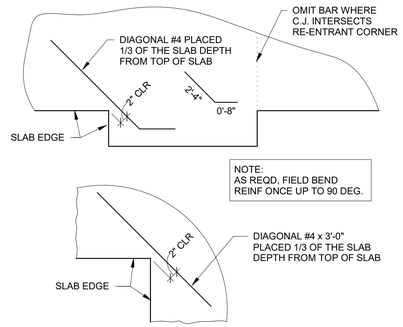
NOTE:
FINAL COLUMN ISOLATION SIZE AND CONFIGURATION BY G.C. - TYP.



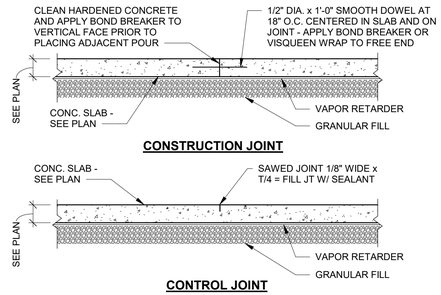
4 COLUMN ISOLATION JOINTS
3/4" = 1'-0"



3 SLAB TURN DOWN AT CORNERS
3/4" = 1'-0"



2 SLAB REINFORCING AT CORNERS
3/4" = 1'-0"



NOTES:
1. SAW CUT CONCRETE AS SOON AS SLAB CAN SUPPORT WEIGHT.
2. CONTROL JOINTS MAY BE REPLACED WITH CONSTRUCTION JOINTS.
3. REFER TO GENERAL NOTES ON SHEET S000 FOR TYPICAL JOINT SPACING REQUIREMENTS.

1 FLOOR SLAB JOINTS
3/4" = 1'-0"

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL



PROJECT NUMBER
22.765.00

SHEET TITLE
TYPICAL DETAILS

SHEET NUMBER
S430

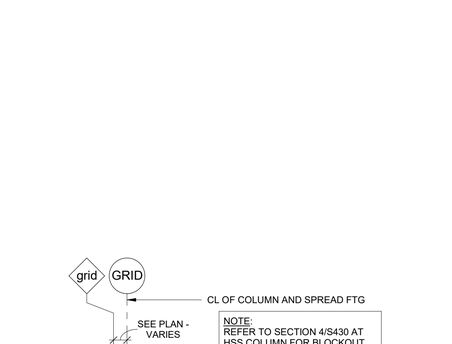
ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0201

5 SLAB TURNDOWN AT STOREFRONT
3/4" = 1'-0"

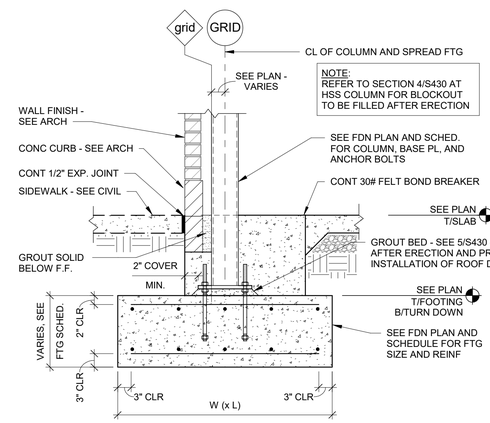
4 SLAB TURNDOWN
3/4" = 1'-0"

3 NOT USED
NTS



2 TYPICAL SLAB TURNDOWN
3/4" = 1'-0"

1 TYPICAL SLAB TURNDOWN
3/4" = 1'-0"



7 EXTERIOR COLUMN FOOTING
3/4" = 1'-0"



6 SLAB TURNDOWN AT DOORS
3/4" = 1'-0"

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84
BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

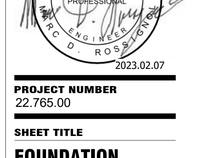
2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL



PROJECT NUMBER

22.765.00

SHEET TITLE

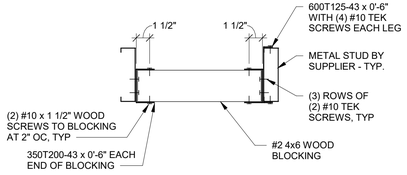
FOUNDATION SECTIONS AND DETAILS

SHEET NUMBER

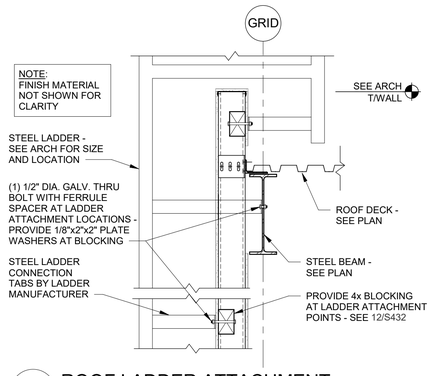
S431

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0201

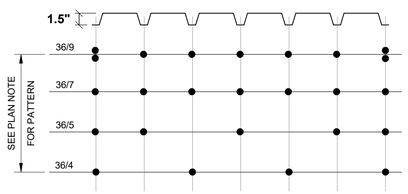


12 BLOCKING CONNECTION (PLAN VIEW)
1 1/2" = 1'-0"

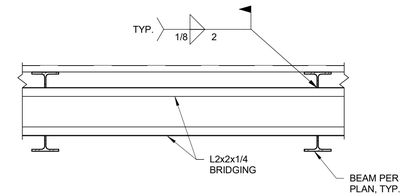


11 ROOF LADDER ATTACHMENT
3/4" = 1'-0"

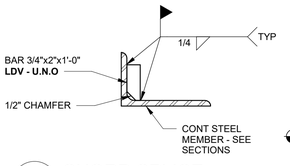
NOTE:
STEEL ROOF DECK SHALL BE SUPPLIED IN 36" WIDTHS. ROOF DECK SHALL BE ATTACHED TO EACH SUPPORT BY FASTENING IN ACCORDANCE WITH FASTENER PATTERN NOTED ON DRAWINGS. SEE SCHEDULE BELOW FOR APPLICABLE FASTENING PATTERN. FASTEN ROOF DECK TO MAIN SUPPORTS WITH 5/8" DIA. PUDDLE WELDS. ROOF DECK SIDELAPS SHALL BE ATTACHED WITH INDICATED NUMBER OF SIDELAP FASTENERS BETWEEN SUPPORTS AS NOTED ON DRAWINGS. SIDELAP FASTENER SHALL BE #10 DRILL-POINT SELF-TAPPING SCREWS. MINIMUM SIDELAP ATTACHMENT SHALL BE ONE FASTENERS AT MIDPOINT OF DECK SPAN BETWEEN SUPPORTS. ATTACHMENT AT PERIMETER OF DECK SHALL BE EQUAL TO ATTACHMENT AT DECK SHEET LAPS AND DECK SHEET ENDS. ANY PARTIAL OR SKEWED SHEETS SHALL BE ATTACHED AT EVERY FLUTE REGARDLESS OF DECK WELD PATTERN.



10 ROOF DECK ATTACHMENT
NTS

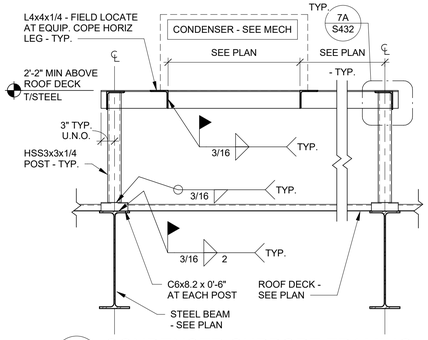


9 CASTELLATED BEAM BRIDGING
NTS

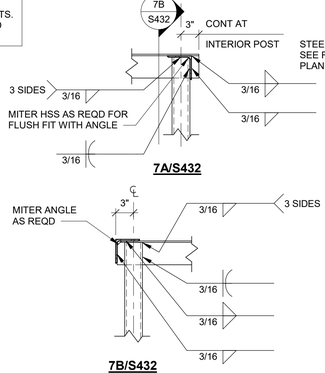


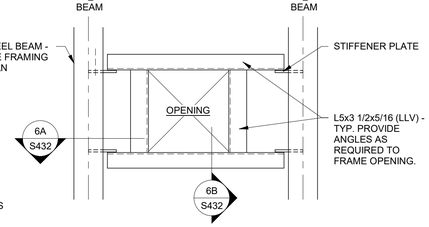
8 CHORD SPLICE
3" = 1'-0"

NOTES:
1. ALL STEEL ANGLES ARE L4x4x1/4 - U.N.O.
2. TOP OF STEEL SUPPORT FRAME SHALL BE LEVEL.
3. VERIFY SUPPORT FRAME DIMENSIONS WITH MECH PRIOR TO FABRICATION.
4. ATTACH CONDENSER TO SUPPORT FRAME PER MANUFACTURER'S REQUIREMENTS.
5. HOT DIP GALVANIZE FRAME COMPONENTS AFTER FABRICATION. TOUCH UP FIELD WELDS WITH ZINC-RICH PAINT.



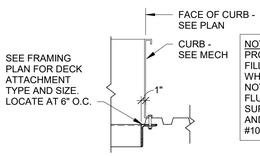
7 CONDENSER SUPPORT FRAMING
NTS





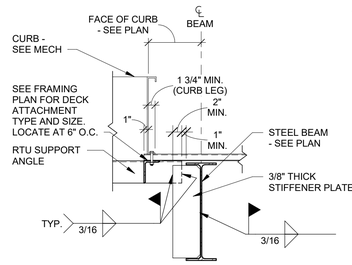
NOTES:
1. GENERAL CONTRACTOR SHALL COORDINATE SIZE OF ALL ROOF OPENINGS WITH EQUIPMENT REQUIREMENTS.
2. ATTACH ROOF CURB TO SUPPORT STEEL WITH 1/2" DIA A307 BOLTS AT 12" O.C. PROVIDE OVERSIZED WASTER ON TOP AND LOCKWASHER ON BOTTOM OF CONN.
3. REFER TO FRAMING PLAN FOR DECK ATTACHMENT TYPE AND SIZE AT SUPPORT STEEL - LOCATE AT 6" O.C.
4. PROVIDE 18 GAUGE MIN ROOF CURB FOR BOLTED CONNECTION TYPE.

6 RTU SUPPORT FRAMING
3/4" = 1'-0"

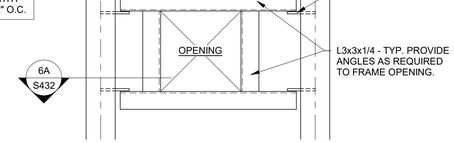


NOTE:
PROVIDE 20 GA. ROOF DECK FILLER SHEET AS REQUIRED WHERE CURB LEG DOES NOT ALIGN WITH TOP FLUTE - FASTEN TO SUPPORT STEEL AS NOTED AND TO METAL DECK WITH #10 TEK SCREWS AT 12" O.C.

6B/S432 - PARALLEL TO DECK

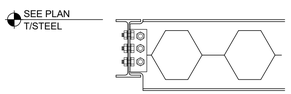


6A/S432 - PERPENDICULAR TO DECK

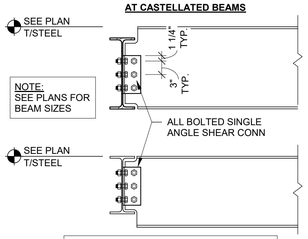


NOTES:
1. REFER TO RTU SUPPORT FRAME DETAIL FOR TYPICAL CONNECTION.
2. PROVIDE FRAMING AS SHOWN AT ALL ROOF OPENINGS WHERE THE LEAST DIMENSION IS GREATER THAN 10". REINFORCE ROOF OPENINGS 10" AND LESS BY FASTENING A 16 GAUGE DECK SHEET 1'-0" WIDER THAN THE OPENING TO THE ROOF DECK USING #10 TEK SCREWS AT 6" O.C. - ALL SIDES.
3. REFER TO FRAMING PLAN FOR DECK ATTACHMENT TYPE AND SIZE AT SUPPORT STEEL - LOCATE AT 6" O.C.
4. CUT OPENINGS AFTER PLACEMENT OF ROOF DECK.
5. EQUIPMENT TRADE SUBCONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE CURBS (IF APPLICABLE), THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DECK CUT OUT, STRUCTURAL SUPPORT AND CURB FLASHING.

5 ROOF OPENING FRAMING
3/4" = 1'-0"

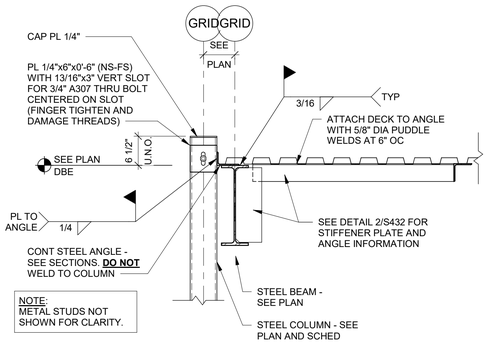


AT CASTELLATED BEAMS



SHEAR ANGLE CONNECTION SCHEDULE	
BEAM SIZE	# OF BOLTS
W12 OR LESS	(2) 3/4" DIA A325
W14 TO W16	(3) 3/4" DIA A325
W18	(4) 3/4" DIA A325
CB21, W21 TO W24	(5) 3/4" DIA A325

4 BEAM TO BEAM CONNECTION
3/4" = 1'-0"

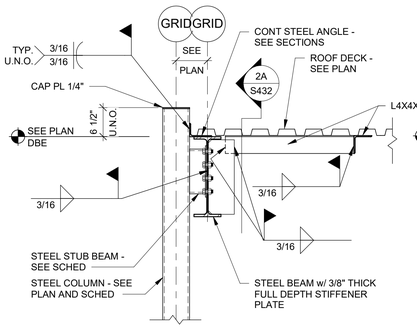


NOTE:
METAL STUDS NOT SHOWN FOR CLARITY.

3 WIND COLUMN STRUT
3/4" = 1'-0"

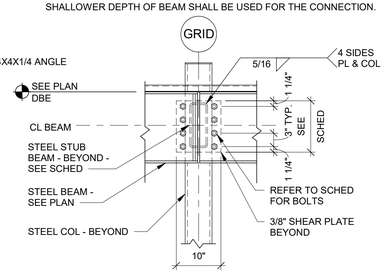
NOTE:
REFER TO SECTION 1/S432 FOR INFORMATION NOT SHOWN.

NOTE:
METAL STUDS NOT SHOWN FOR CLARITY.



OFFSET BEAM CONNECTION SCHEDULE			
BEAM SIZE	STUB SIZE	# OF BOLTS EA SIDE	PLATE LENGTH
W12, W14	HSS8x4x3/8	(3) 3/4" DIA A325	0'-8 1/2"
W16, W18	HSS10x4x3/8	(4) 3/4" DIA A325	0'-11 1/2"
W21, W24	HSS12x4x1/2	(6) 3/4" DIA A325	1'-5 1/2"

1. WHERE BEAM DEPTHS ARE DIFFERENT ON EACH SIDE THE SHALLOWER DEPTH OF BEAM SHALL BE USED FOR THE CONNECTION.

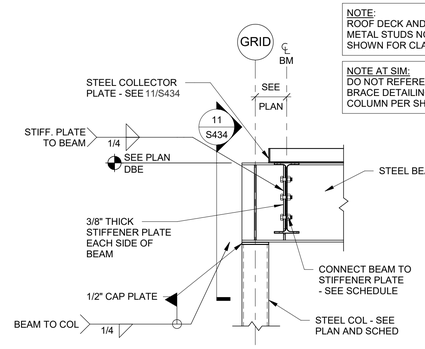


2A/S432

2 OFFSET BEAM TO COLUMN CONNECTION
3/4" = 1'-0"

NOTE:
ROOF DECK AND METAL STUDS NOT SHOWN FOR CLARITY.

NOTE AT SIM:
DO NOT REFERENCE BRACE DETAILING AT COLUMN PER SHEET S434



1 BEAM TO COLUMN CONNECTION
3/4" = 1'-0"

RACEWAY

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

22.765.00

SHEET TITLE

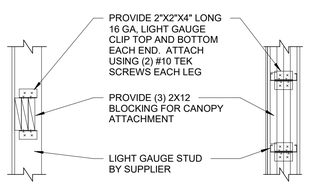
TYPICAL STEEL DETAILS

SHEET NUMBER

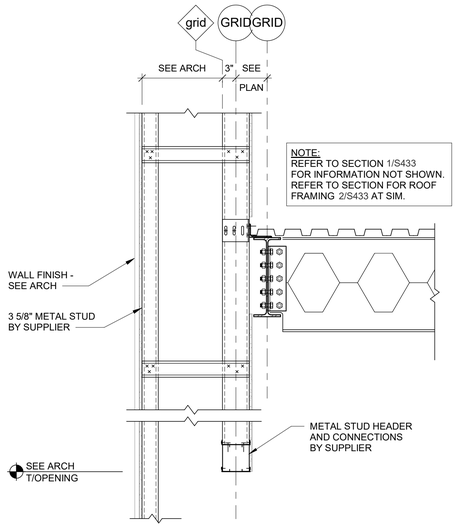
S432

ISSUED FOR CONSTRUCTION

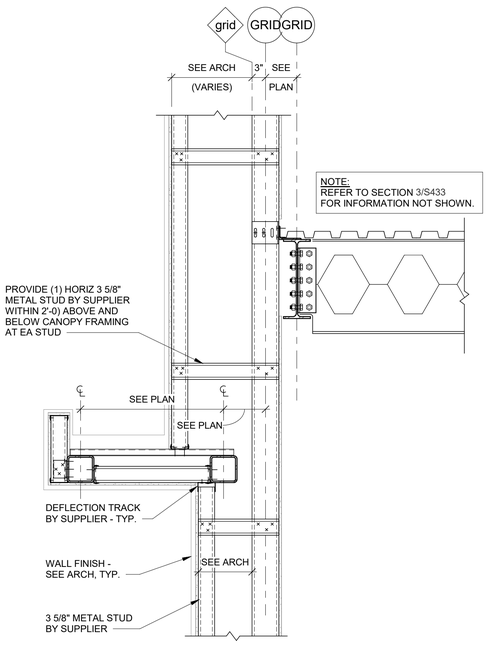
APPLICABLE SPB(s): 2022.0201



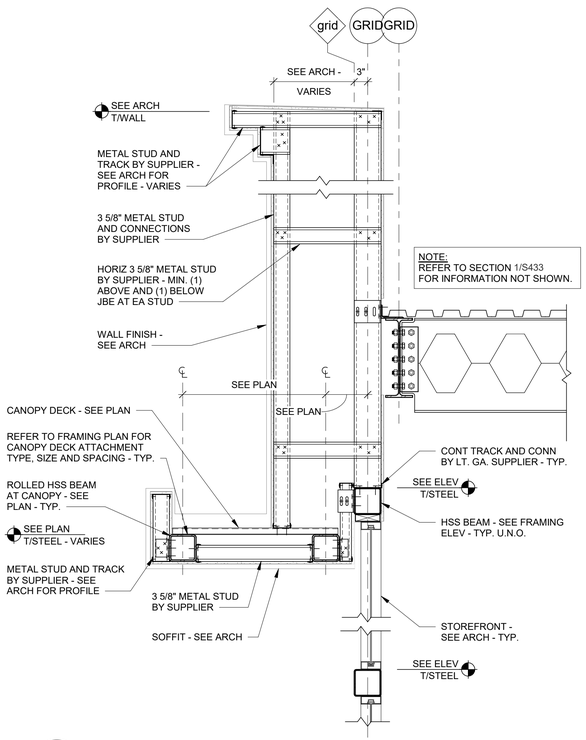
6 EDO ENTRY CANOPY BLOCKING
3/4" = 1'-0"



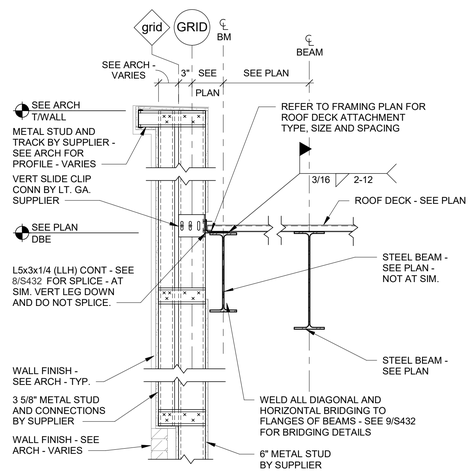
5 EXTERIOR WALL FRAMING
3/4" = 1'-0"



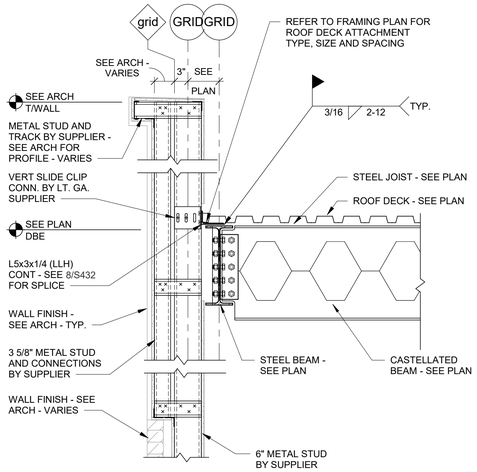
4 EXTERIOR WALL FRAMING AT ENTRY
3/4" = 1'-0"



3 EXTERIOR WALL FRAMING AT ENTRY
3/4" = 1'-0"



2 EXTERIOR WALL FRAMING
3/4" = 1'-0"



1 EXTERIOR WALL FRAMING
3/4" = 1'-0"

RACEWAY

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(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

GEORGIA REGISTERED No. 028877 PROFESSIONAL MARC D. ROSSIGNOL ENGINEER
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

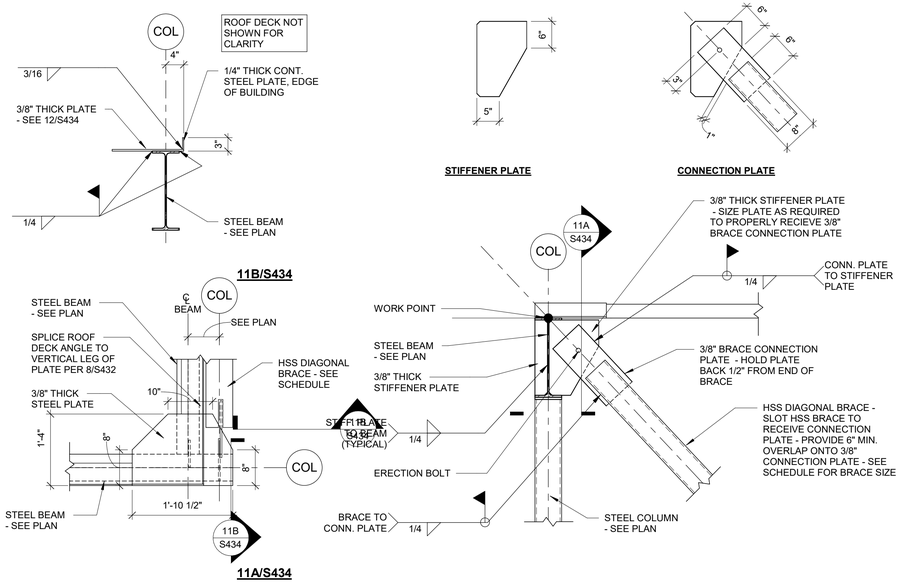
FRAMING SECTIONS AND DETAILS

SHEET NUMBER

S433

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0201

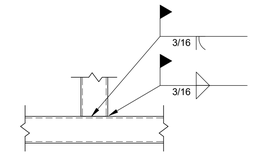


11 BRACE CONNECTION
3/4" = 1'-0"

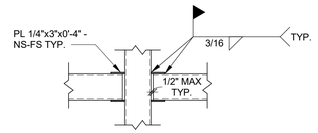
STIFFENER PLATE

CONNECTION PLATE

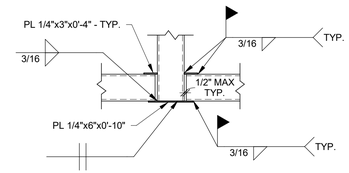
NOTE:
REFER TO PLAN AND FRAMING ELEVATIONS FOR HSS BEAMS - TYP.



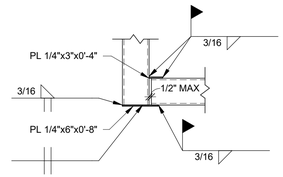
10C/S434 - CONTINUOUS



10D/S434 - DISCONTINUOUS

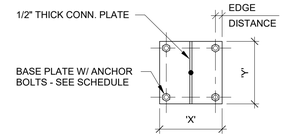


10A/S434 - TYPICAL



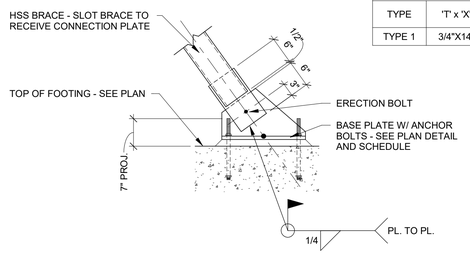
10B/S434 - END

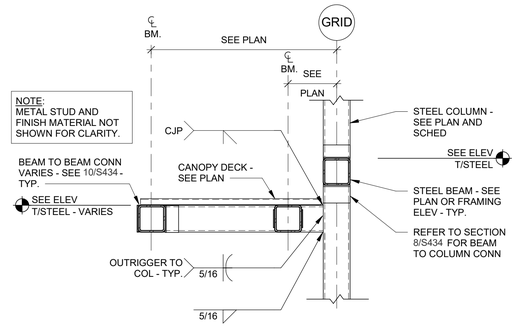
10 CANOPY BEAM CONNECTIONS (PLAN VIEW)
3/4" = 1'-0"



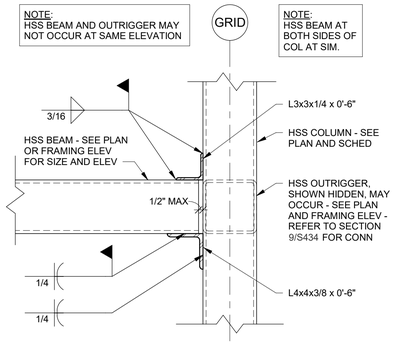
PLAN DETAIL

BRACE BASE PLATE SCHEDULE				
TYPE	"T" x "X" x "Y"	ANCHOR BOLTS	EMBEDMENT	EDGE DISTANCE
TYPE 1	3/4"X14"X14"	(4) 7/8" DIA.	15"	2"

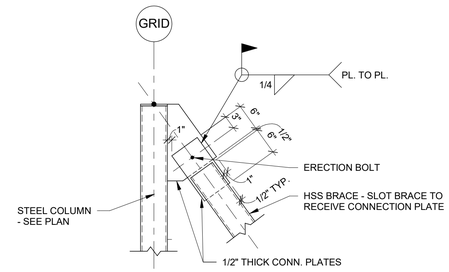




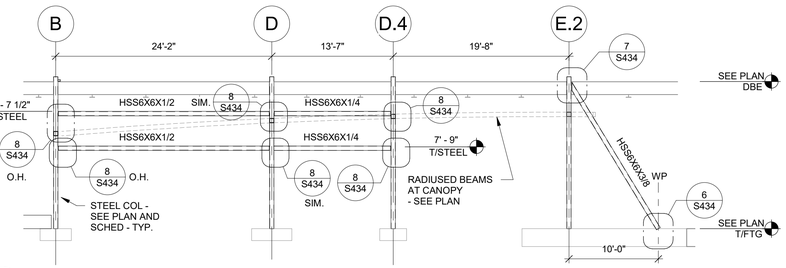
9 CANOPY OUTRIGGER CONNECTION
3/4" = 1'-0"



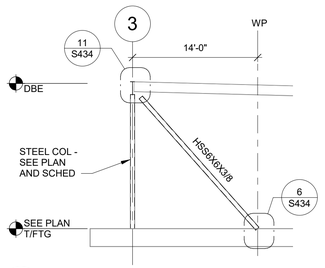
8 HSS BEAM TO COLUMN CONNECTION
1 1/2" = 1'-0"



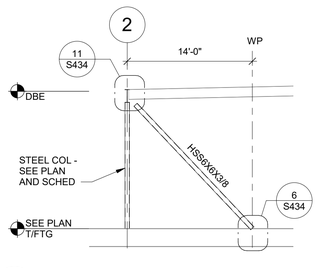
7 BRACE CONNECTION
3/4" = 1'-0"



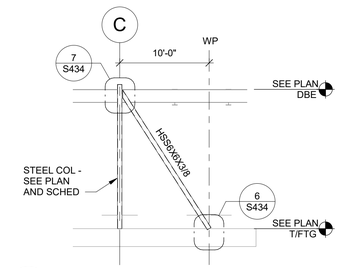
6 BRACE CONNECTION
3/4" = 1'-0"



4 FRAMING ELEVATION - GRID F
1/8" = 1'-0"



3 FRAMING ELEVATION - GRID A
1/8" = 1'-0"



2 FRAMING ELEVATION - GRID 1
1/8" = 1'-0"

5 NOT USED
NTS

1 FRAMING ELEVATION - GRID 4
1/8" = 1'-0"

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THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL



PROJECT NUMBER
22.765.00

SHEET TITLE

FRAMING ELEVATIONS AND DETAILS

SHEET NUMBER

S434

ISSUED FOR CONSTRUCTION

MECHANICAL NOTES

1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE AND FUNCTIONAL HVAC SYSTEM IN ACCORDANCE WITH THESE DRAWINGS. THE INSTALLATION SHALL COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE, THE 2018 INTERNATIONAL MECHANICAL CODE AND ALL OTHER APPLICABLE STATE, COUNTY AND LOCAL ORDINANCES AND THE LATEST EDITION OF THE FOLLOWING PUBLICATIONS; SMACNA HVAC DUCT CONSTRUCTION STANDARDS; ASHRAE 15, 34, 82; NFPA 70, 72, 90A, 90B, 91, 98; 101 ANSI Z10.1, Z10.3, Z21.8, Z21.83.
2. THE CONTRACTOR SHALL PAY ALL COSTS OF PERMIT, INSPECTIONS AND ALL OTHER COSTS INCIDENTAL TO THE COMPLETION AND TESTING OF THIS WORK.
3. THE CONTRACTOR SHALL VISIT THE SITE AND COORDINATE WORK WITH OTHER TRADES.
4. THE CONTRACTOR SHALL SUPPLY THE ARCHITECT/OWNER WITH "AS-BUILT" DRAWINGS.
5. CONTRACTOR SHALL SUBMIT, FOR APPROVAL FIVE (5) COPIES OF MANUFACTURER'S SHOP DRAWINGS FOR EACH PIECE OF EQUIPMENT AND CONTROLS INCLUDED IN CONTRACT.
6. ALL MATERIAL SHALL BE NEW, OF GOOD QUALITY AND APPROVED FOR INTENDED PURPOSE. ALL WORK SHALL BE PERFORMED AT INDUSTRY STANDARD QUALITY LEVEL BY CERTIFIED PROFESSIONALS. ALL EQUIPMENT SHALL BE UL OR ETL LISTED.
7. ALL DUCTWORK SHALL BE GALVANIZED SHEET METAL WITH SEALED SEAMS AND JOINTS, EXTERNAL BLANKET INSULATION (R-8 MINIMUM). THE CONTRACTOR SHALL PROVIDE ALL SHEET METAL DUCTWORK, HANGERS, AUXILIARY SUPPORT STEEL, ETC. ALL FLEXIBLE DUCT SHALL BE UL-181, CLASS 1 INSULATED DUCT WITH METALIZED INNER AND OUTER FOIL LINERS. MINIMUM R-8 INSULATION MAXIMUM TOTAL LENGTH NOT TO EXCEED 5'-0". PROVIDE FLEXIBLE DUCTWORK ELBOW SUPPORTS AT EACH DIFFUSER, GRILLE, AND REGISTER EQUAL TO "FLEXFLOW ELBOW" MANUFACTURED BY "THERMAFLEX". ALL METAL DUCTS SHALL BE FABRICATED IN ACCORDANCE WITH LATEST EDITION OF SMACNA.
8. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ROOFTOP UNITS AND ALL EQUIPMENT WITH ARCHITECTURAL AND STRUCTURAL PLANS. SECURE ROOF CURBS TO BUILDING STRUCTURE FOR PROPER SUPPORT OF UNITS. ROOF CURBS SHALL BE COMPATIBLE WITH ROOFING SYSTEM AND FLASHED ACCORDING TO NRCA RECOMMENDATIONS.
9. OUTSIDE AIR INTAKES SHALL NOT BE TAKEN FROM A LOCATION CLOSER THAN 10 FEET FROM ANY CHIMNEY, EXHAUST VENT OUTLET OR SANITARY SEWER VENT, UNLESS SUCH VENT IS NOT LESS THAN 3 FEET ABOVE THE OUTSIDE AIR INTAKE.
10. DUCT SIZES SHOWN ARE AIRWAY INSIDE DIMENSIONS. INCREASE SIZE OF DUCTWORK FOR INTERNAL LINING IF USED.
11. ALL AIR DEVICES (DIFFUSERS, REGISTERS AND GRILLES) SHALL BE ALUMINUM CONSTRUCTION (UNLESS EXPLICITLY NOTED OTHERWISE ON AIR DISTRIBUTION SCHEDULE) WITH EXPOSED SURFACE OFF-WHITE BAKED ENAMEL FINISH OR AS SPECIFIED BY ARCHITECT. DEVICES SHALL BE SPECIFIED TO BE SUPPLIED BY TITUS, METALAIRE OR PRICE. PROVIDE OPPOSED BLADE DAMPERS AT ALL DIFFUSERS AND REGISTERS AS INDICATED ON PLANS. PROVIDE BALANCING DAMPERS FOR ALL AIR DEVICES.
12. THERMOSTAT TO RECEIVE REMOTE TEMPERATURE SENSOR INPUT.
13. THERMOSTAT LOCATION SHALL BE APPROVED BY OWNER AND ENGINEER BEFORE INSTALLATION. INSTALL THERMOSTAT 48" A.F.F. IN ACCORDANCE WITH A.D.A. REQUIREMENTS. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR ALL REQUIREMENTS FOR JUNCTION BOXES, CONDUITS, CONTROL WIRING, POWER, ETC, AND DEFINE RESPONSIBILITIES AND SCOPE OF WORK FOR EACH TRADE PRIOR TO ANY INSTALLATION. WHEN POSSIBLE, WHENEVER THERE ARE MORE THAN ONE SENSOR OR THERMOSTAT SIDE BY SIDE THEY SHALL BE GANGED TOGETHER WITHIN THE SAME COVER PLATE.
14. REFRIGERANT LINES SHALL BE COPPER, TYPE "ACR" HARD DRAWN WITH WROUGHT COPPER BRAZING-JOINT TYPE FITTINGS. USE BRAZING MATERIALS FOR HIGH PRESSURE PIPING PER AWS A5.8 BCuP SERIES COPPER-PHOSPHORUS ALLOY OR BAg1 SILVER ALLOY. REFRIGERANT LINES SHALL BE SIZED PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE FILTER/DRYER AND SIGHT GLASS IN ALL LIQUID LINES.
15. 1/2" THICK PIPE INSULATION FOR REFRIGERANT SUCTION PIPING SMALLER THAN 1" SIZE. 1" THICK PIPE INSULATION FOR PIPING 1" AND LARGER. PIPE INSULATION SHALL BE ARMACELL, "ARMAFLEX" CLOSED CELL ELECTROMETRIC INSULATION, 0.27 THERMAL CONDUCTIVITY AT 75°F, PER THE INTERNATIONAL ENERGY CODE, TABLE C403.2.10 FOR MINIMUM PIPING INSULATION THICKNESS. ALL EXPOSED INSULATION SHALL BE PROTECTED WITH UV RESISTANT PAINT OR ALUMINUM SHIELD.
16. ALL BRANCH TAKE-OFFS TO BE PROVIDED WITH MANUAL VOLUME DAMPERS. PROVIDE LONG RADIUS ELBOWS (1.5X DIAMETER) WHERE FEASIBLE, SQUARE ELBOWS AND TEE'S SHALL BE FURNISHED WITH SINGLE WALL TURNING VANES. PROVIDE MANUAL VOLUME DAMPERS WITH EXTRACTOR AT ALL FLEX TAKE-OFFS. PROVIDE REMOTE, CABLE OPERATED VOLUME DAMPERS IN INACCESSIBLE AND HARD CEILING AREAS, "YOUNG REGULATOR", MODEL 270.
17. PROVIDE NEW FILTERS FOR ALL AIR CONDITIONING EQUIPMENT BEFORE AIR BALANCING. REPLACE AIR FILTERS PRIOR TO FINAL ACCEPTANCE BY OWNER. ALL FILTERS SHALL BE CHANGED TO 2" PLEATED PRIOR TO START-UP.
18. PROVIDE SMOKE DETECTORS FOR HVAC UNITS GREATER THAN 2000 CFM AIRFLOW. SMOKE DETECTORS SHALL BE FURNISHED WITH REMOTE ANNUNCIATION/TEST STATION AS REQUIRED BY AUTHORITY HAVING JURISDICTION, COORDINATION PRIOR TO INSTALLATION. DETECTORS SHALL BE BY ONE MANUFACTURER, COORDINATE VOLTAGE ETC. WITH ELECTRICAL CONTRACTOR AND FIRE ALARM SYSTEM IF REQUIRED BEFORE ORDERING. UPON DETECTION, SMOKE DETECTORS SHALL SHUTDOWN ASSOCIATED AIR MOVING EQUIPMENT AND SOUND ALARM.
19. HVAC CONTRACTOR SHALL PROVIDE A TESTING AND AIR BALANCING REPORT PER I.M.C. 2018. FOR ALL MECHANICAL EQUIPMENT, AIR DEVICES, DAMPERS, AHU'S AND FANS. THE TESTING AND AIR BALANCING AGENT SHALL BE AABC ACCREDITED. THE TESTING AND AIR BALANCING REPORT SHALL BE IN ACCORDANCE WITH THE ASSOCIATED AIR BALANCE COUNCIL (AABC) STANDARDS AND SHALL INCLUDE AIR QUANTITIES FOR ALL SUPPLY, RETURN AND EXHAUST GRILLES AND THE ENTERING, LEAVING AIR DB/WB TEMPERATURES (F) FROM AIR HANDLING UNITS AND EVAPORATORS.
20. ALL DUCTWORK AND PIPING INSULATION SHALL HAVE A FIRE/SMOKE RATING EQUAL TO OR LESS THAN 25/50.
21. MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, PLUMBING, ELECTRICAL, FIRE SPRINKLER, AND STRUCTURAL PLANS AND SHALL BE CONSIDERED AS ONE SET OF DOCUMENTS. DUCT AND PIPING OFFSETS, BENDS AND TRANSITIONS SHALL BE REQUIRED TO BE PROVIDED AND INSTALLED FOR A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CHANGES IN DUCTWORK SIZE AND ROUTE WILL BE REQUIRED TO AVOID STRUCTURAL, PLUMBING, FIRE SPRINKLER AND ARCHITECTURAL BUILDING FEATURES. DUCTWORK CHANGES MAY BE MADE BY CONTRACTOR USING EQUIVALENT SIZED DUCT. CONTACT ENGINEER IF DUCT AREA WILL NOT FIT.
22. CONTRACTOR'S WARRANTY: CONTRACTOR SHALL PROVIDE A WARRANTY FOR A PERIOD OF (1) ONE YEAR, AFTER BUILDING OCCUPANCY. FOR ALL MECHANICAL SYSTEMS, DUCTWORK, CONTROLS, ACCESSORIES AND ALL OTHER EQUIPMENT. PARTS AND LABOR UNDER THESE DRAWINGS AND SPECIFICATIONS. CONTRACTOR SHALL PROVIDE WARRANTY FOR COMPRESSORS FOR (5) FIVE YEARS. ANY REPAIRS REQUIRING SYSTEM SHUTDOWN SHALL BE DONE DURING NON-OPERATIONAL PERIODS OR AS AGREED WITH OWNER.

OUTSIDE AIR CALCULATIONS

AREA SERVED OR UNIT TAG	NET OCCUPIABLE AREA SQ. FT.	MAX. OCCUPANCY P/1000 SQ. FT.	TOTAL NO. OF PEOPLE	VENTILATION RATE		VENTILATION EFFECTIVENESS	TOTAL CFM O/A REQUIRED	TOTAL CFM O/A PROVIDED	NOTES
				CFM/P	SQ. FT.				
OCCUPIABLE STORAGE	528	2	2	5	0.12	80%	86		1
SALES	1786	15	27	7.5	0.12	80%	519		1
RTU-1								335	
RTU-2								575	
TOTALS							**605**	**910**	

NOTES:

1. CALCULATIONS ARE BASED ON ESTIMATED MAXIMUM OCCUPANCY RATES PER ARCHITECTURAL PLANS AND 2018 IMC VENTILATION RATES.

AIR BALANCE SCHEDULE

AREA SERVED	EQUIPMENT TAG	SUPPLY AIR (CFM)	RETURN AIR (CFM)	OUTSIDE AIR (CFM)	EXHAUST AIR (CFM)
KITCHEN / SALES	RTU-1	4,000	3,665	335	X
SALES	RTU-2	4,000	3,425	575	X
WOMEN'S RESTROOM	EF-1	X	X	X	200
MEN'S RESTROOM	EF-2	X	X	X	150
TOTALS		**8,000**	**7,090**	**910**	**350**

NOTES:

1. BUILDING IS (910 CFM OA - 350 CFM EA) 560 CFM POSITIVE WHEN ALL EXHAUST FANS ARE OPERATING.

MECHANICAL LEGEND

- S/A CEILING DIFFUSER
- R/A CEILING GRILLE
- E/A CEILING GRILLE
- DUCTWORK UP THRU ROOF
- SLOT / LINEAR DIFFUSER
- WALL LOUVER / WALL DIFFUSER
- VOLUME CONTROL DAMPER
- REDUCER OR INCREASER
- FLEX DUCT
- DUCTWORK
- ROUND UP
- DD — MANUAL VOLUME DAMPER WITH EXTRACTOR
- S — DUCT SMOKE DETECTOR
- CEILING EXHAUST FAN
- ROOF EXHAUST FAN
- A / CFM — SUPPLY/RETURN/EXHAUST AIR DIFFUSER OR GRILLE DESIGNATION
- EQP / X — MECHANICAL EQUIPMENT TAG
- XXXX — REFRIGERATION EQUIPMENT TAG
- RT — REMOTE TEMPERATURE SENSOR
- RH — REMOTE HUMIDITY SENSOR
- T — THERMOSTAT
- SUPPLY AIR
- RETURN AIR
- U/C — DOOR UNDER CUT
- PIPE UP
- PIPE DOWN

RACEWAY

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PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

GEORGIA REGISTERED No. 35466 PROFESSIONAL ENGINEER JUSTIN B. TRACY

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

MECHANICAL NOTES AND LEGENDS

SHEET NUMBER

M001

ISSUED FOR CONSTRUCTION

ROOFTOP A/C EQUIPMENT SCHEDULE

A/C UNIT TAG	MANUFACTURER	MODEL**	CFM	E.S.P. (in. W.C.)	BHP	COOLING(MBH)*				HEATING					ELECTRICAL			OPERATING WEIGHT LBS.	NOTES
						TOTAL	SENSIBLE	IEER	EER	TYPE	KW	MBH	STAGES	OUTSIDE AIR CFM	VOLT/PH/HZ	MCA	MOCP		
RTU-1	CARRIER	50FC-N14M2M5-6W1D0	4000	.75	2.44	130.7	100.2	12.4	11.0	N/A	31.8	108.5	1	335	208/3/60	127	150	1596	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
RTU-2	CARRIER	50FC-N14M2M5-6W1D0	4000	.75	2.44	131.3	96.98	12.4	11.0	N/A	31.8	108.5	1	575	208/3/60	127	150	1596	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

*DESIGN BASED ON 95°F OA, EVAP EAT OF 80°F DB, AND 67°F WB
**MODEL NUMBER PROVIDED THROUGH NATIONAL ACCOUNT AGREEMENT. IF ANY DISCREPANCIES BETWEEN MODEL NUMBER AND NOTES OCCUR, PROVIDE REQUIRED ACCESSORIES AS INDICATED IN NOTES.
RACEWAY HAS AN EXCLUSIVE NATIONAL ACCOUNT WITH CARRIER. PLEASE CONTACT KEN REVILLA 954-218-0070 OR EMAIL ken.revilla@carrier.utc.com FOR PRICING QUESTIONS.

NOTES:
1. PROVIDE UNITS WITH INSULATED MATCHING ROOF CURB, WITH MINIMUM HEIGHT TO MOUNT BOTTOM OF EQUIPMENT 14 INCHES ABOVE ROOF SURFACE. COORDINATE WITH ARCHITECTURAL ROOF INSULATION THICKNESS.
2. PROVIDE UNITS WITH ENTHALPY ECONOMIZER WITH BAROMETRIC RELIEF AND LOW LEAKAGE OUTDOOR AIR DAMPERS.
3. PROVIDE COMPRESSORS WITH SHORT CYCLING PROTECTION.
4. RACETRAC SHALL SUPPLY ALL ROOFTOP UNITS.
5. FACTORY INSTALLED CONDENSATE DRAIN OVERFLOW SENSOR SWITCH. CONDENSATE OVERFLOW SENSOR SHALL BE AQUAGUARD MODEL AG1250E.
6. PROVIDE SMOKE DETECTOR ON SUPPLY DUCT, TO SHUTDOWN UNIT IF DETECTING SMOKE.
7. PROVIDE DEHUMIDIFICATION PACKAGE WITH ADDITIONAL INTEGRAL HOT GAS REHEAT COIL AND REFRIGERATION PIPING.
8. UNITS ARE AHRI RATED.
9. PROVIDE WITH EPOXY COATED COILS WITHIN 5 MILES OF COAST LINE.
10. PROVIDE WITH HAIL GUARDS.
11. PROVIDE 5 YEAR COMPRESSOR AND 3 YEAR PARTS WARRANTY.
12. EXTERNALLY MOUNTED NEMA 3R, RK1, CURRENT LIMITING FUSED DISCONNECT SWITCH PROVIDED BY RACEWAY.
13. CONTRACTOR SHALL PROVIDE SIEMENS RDY2000BN THERMOSTAT AND SIEMENS QFM2160U REMOTE TEMPERATURE/HUMIDITY DUCT MOUNTED SENSOR.
14. FAN SHALL BE SET TO RUN CONTINUOUSLY TO MAINTAIN OUTDOOR AIR REQUIREMENTS.
15. PROVIDE WINTER START KIT.

ECONOMIZER CONTROL NOTES:
AS THE MIXED AIR TEMPERATURE FLUCTUATES ABOVE 55°F OR BELOW 50°F DAMPERS WILL MODULATE (OPEN OR CLOSE) TO BRING IN MIXED-AIR TEMPERATURE BACK WITH CONTROL. IF MECHANICAL COOLING IS UTILIZED WITH FREE COOLING, THE OUTDOOR-AIR DAMPER WILL MAINTAIN ITS CURRENT POSITION AT THE TIME THE COMPRESSOR IS STARTED. IF THE INCREASE IN COOLING CAPACITY CAUSES THE MIXED-AIR TEMPERATURE TO DROP BELOW 45°F, THEN THE OUTDOOR-AIR DAMPER POSITION WILL BE DECREASED TO THE MINIMUM POSITION. CONTROL RETURNS TO NORMAL ONCE THE MIXED-AIR TEMPERATURE RISES ABOVE 48°F.

FAN SCHEDULE

MARK	SERVICE AREA	MANUFACTURER	MODEL NUMBER	CONFIG	CFM	ESP (IN)	SONES	NOM HP	FAN RPM	DRIVE (BELT/DIRECT)	VOLT/PH/HZ	WEIGHT (LBS)	DIMENSIONS LxW	OPENING L"xW"	CONTROL	NOTES
EF-1	RESTROOM WOMENS	GREENHECK	G-080-VG	ROOF	200	0.33	5.7	1/10	1725	DIRECT	120/1/60	27	17x17	12.5x12.5	RESTROOM LIGHTING	1,2,3,4,5
EF-2	RESTROOM MENS	GREENHECK	G-070-VG	ROOF	280	0.33	5.7	1/15	1696	DIRECT	120/1/60	20	17x17	10.5x10.5	RESTROOM LIGHTING	1,2,3,4,5

NOTES:
1. PROVIDE FANS WITH INSULATED MATCHING ROOF CURB, MINIMUM 12" IN HEIGHT.
2. PROVIDE FANS WITH AUTOMATIC BACKDRAFT DAMPERS.
3. PROVIDE FANS WITH DISCONNECT SWITCH.
4. INTERLOCK FAN OPERATION WITH RESTROOM LIGHT SWITCH.
5. PROVIDE WITH MANUFACTURER'S ELECTRONICALLY COMMUTATED (EC) MOTOR.

AIR DEVICE SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	FACE SIZE	NECK SIZE	MATERIAL	FRAME	FINISH	DAMPER	THROW	NC DROP (IN. W.C.)	CFM RANGE	NOTES
A	TITUS	TMSA-AA	24x24	SEE PLAN	ALUM.	GYPSUM CEILING	OFF WHITE	--	VERT/HORZ	MAX. 30	250-425	1,2,3,4,5
B	TITUS	TMSA-AA	24x24	SEE PLAN	ALUM.	LAY-IN	OFF WHITE	--	VERT/HORZ	MAX. 30	250-425	1,2,3,4,5
C	TITUS	TMSA-AA	12x12	SEE PLAN	ALUM.	GYPSUM CEILING	OFF WHITE	--	VERT/HORZ	MAX. 30	250-425	1,2,3,4,5
D	TITUS	S300FL	12x8	12x8	ALUM.	DUCT MOUNTED	OFF WHITE	--	VERT/HORZ	MAX. 30	250-425	3,7
E	TITUS	350FL	12x12	SEE PLANS	ALUM.	GYPSUM CEILING	OFF WHITE	--	VERT/HORZ	MAX. 30	50-150	2,3,5,6
F	TITUS	350FL	18x6	18x6	ALUM.	WALL MOUNTED	OFF WHITE	-	N/A	MAX. 30	200-450	3

NOTES:
1. PROVIDE TYPICAL 4-WAY DIFFUSION, 2-WAY OR 3-WAY ONLY WHERE INDICATED ON PLANS.
2. REFER TO ARCHITECT PLANS FOR CEILING TYPE.
3. FINAL COLOR SELECTION SUBJECT TO ARCHITECT APPROVAL.
4. FLEX DUCT SIZE TO BE SAME AS DIFFUSER NECK SIZE.
5. PROVIDE INSULATION ON THE BACK OF DIFFUSER.
6. PROVIDE GRILLE MOUNTED OPPOSED BLADE VOLUME DAMPER WITH CONCEALED ACCESSIBLE OPERATOR.
7. PROVIDE REGISTER WITH DAMPER AND DOUBLE DEFLECTION BLADES PARALLEL TO LONG DIMENSION.

APPLICABLE SPB(s): 2022.0207, 2022.0211

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2500 HIGHWAY 84 BYPASS
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RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

GEORGIA REGISTERED No. 33566 PROFESSIONAL ENGINEER JUSTIN B. TRACY

2023.02.07

PROJECT NUMBER

22.765.00

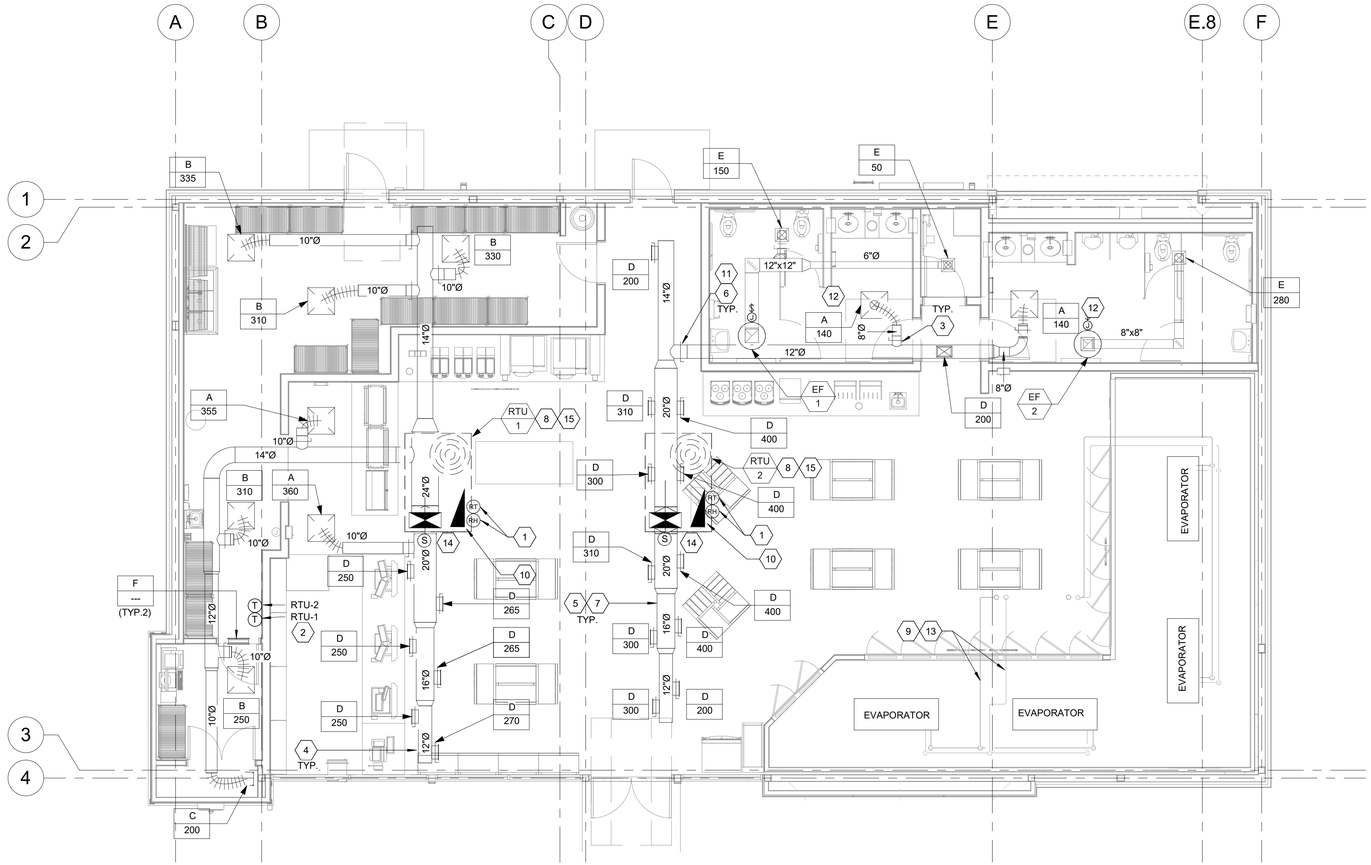
SHEET TITLE

MECHANICAL EQUIPMENT SCHEDULES

SHEET NUMBER

M002

ISSUED FOR CONSTRUCTION



1 MECHANICAL PLAN
3/16" = 1'-0"

SHEET KEYNOTES

1	REMOTE TEMPERATURE/HUMIDITY SENSOR MOUNTED IN RETURN DUCT. CONNECT TO PROGRAMMABLE THERMOSTAT/HUMIDISTAT LOCATED IN BACK OF HOUSE AREA.
2	THERMOSTAT/HUMIDISTAT FOR RTU-1 & RTU-2 TO BE SET AT 68°F FOR HEATING, 72°F FOR COOLING AND 50% FOR HUMIDITY. THERMOSTAT/HUMIDISTAT FOR RTU-4 TO BE SET AT 67°F FOR HEATING, 73°F FOR COOLING AND 50% FOR HUMIDITY. THERMOSTATS/HUMIDISTATS SHALL BE INSTALLED AT 48" A.F.F. LOCATE DUCT-DETECTOR SMOKE TEST SWITCHES ABOVE THERMOSTATS/HUMIDISTATS.
3	SPIN-IN FITTING AND EXTRACTOR SCOOP, TYPICAL.
4	PROVIDE WRAP INSULATION ON ALL CONCEALED DUCTWORK ABOVE CEILINGS PER SPECIFICATIONS. PROVIDE DUCT LINER ON ALL EXPOSED DUCTWORK AND DUCTWORK ABOVE CEILINGS VISIBLE FROM SALES FLOOR PER SPECIFICATIONS.
5	DO NOT HANG DUCTWORK FROM DECK. ALL DUCTWORK MUST BE SUPPORTED BY STRUCTURAL JOISTS.
6	ROUTE BRANCH DUCTS THROUGH ROOF JOIST.

SHEET KEYNOTES

7	ROUTE EXPOSED DUCT LEVEL. THE LOWEST ELEVATION OF BOTTOM OF DUCT DROP AND DUCTWORK SHALL BE AT A HEIGHT TO KEEP CLEAR ABOVE LIGHTING AND OTHER DEVICES. COORDINATE WITH ARCHITECTURAL, ELECTRICAL, AND STRUCTURAL.
8	PACKAGED HVAC UNIT TO BE INSTALLED ON ROOF CURB POSITIONED OVER BUILDING STEEL. COORDINATE INSTALL WITH ARCH/STRUCT DWG. SEE DETAIL 2 AND 6 ON SHEET M430, AND DETAIL 6 ON SHEET S432.
9	INSTALL REFRIGERANT PIPING FROM REMOTE CONDENSER ON ROOF TO INDOOR EQUIPMENT/EVAPORATOR AND CONNECT FOR OPERATION. SEAL PIPE PENETRATIONS WITH 3M LATEX SEALANT CP 25WB+. INSULATE PER MECHANICAL NOTE 15, SHEET M001. COORDINATE INSTALLATION REQUIREMENTS WITH EQUIPMENT VENDOR.
10	PROVIDE FULL SIZE RETURN DUCT DOWN FROM UNIT TO JUST BELOW ROOF DECK. TERMINATE WITH HEAVY SCREEN AT DUCT OPENING.

SHEET KEYNOTES

11	BALANCE DAMPER SHALL BE YOUNG REGULATOR MODEL 5020R LOCKING HAND QUADRANT WITH 2" STANDOFF. HAND QUADRANT SHALL BE MOUNTED ON BOTTOM OF DUCT. PROVIDE MAGNETIC INDICATOR ON CEILING GRID FOR LOCATION OF HAND QUADRANT. TYPICAL. SEE DETAIL 5 ON SHEET M430
12	EXHAUST DUCT UP THROUGH ROOF TO EXHAUST FAN. SEE DETAIL 1 ON SHEET M430.
13	REFRIGERANT PIPING UP THROUGH ROOF. SEE DETAIL 3 ON SHEET A201.
14	SMOKE DETECTOR PROVIDED BY ROOFTOP UNIT MANUFACTURER TO SHUTDOWN UNIT UPON SENSING SMOKE AND SEND OUT A REMOTE ALARM SIGNAL.
15	SUPPLY AND RETURN AIR DUCT CONNECTIONS TO RTU SHALL BE FULL SIZE OF EQUIPMENT OPENINGS AND PROVIDED WITH FLEXIBLE DUCT CONNECTIONS. DUCTWORK SHALL BE INSTALLED FROM UNIT CONNECTIONS FULL SIZE IN THE VERTICAL DROP FROM THE UNIT AND STUBBED INTO THE SPACE

SHEET KEYNOTES

GENERAL NOTES

1. FLEXIBLE DUCTWORK NOT TO EXCEED 5'-0". WHEN LONGER RUNS OCCUR, USE MINIMUM #26 GA HARD ROUND DUCTWORK TO MAINTAIN REQUIRED LENGTH.
2. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT, DUCTWORK, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE OWNER AND ARCHITECT.
3. GENERAL CONTRACTOR TO PROVIDE PIPE STAND TO HOLD REFRIGERANT LINES UP OFF ROOF.
4. CONTRACTOR SHALL PERFORM AN AIR BALANCE OF THE HVAC SYSTEMS TO THE AIR QUANTITIES SHOWN ON THE PLAN AND EQUIPMENT SCHEDULE. SUBMIT AIR BALANCE REPORT TO ENGINEER AND OWNER FOR APPROVAL.
5. CONTRACTOR SHALL INSTALL 1/2" HARDWARE CLOTH ACROSS ALL RETURN AIR AND SUPPLY AIR DUCTWORK TO PREVENT DEBRIS GETTING INTO THE AIR DISTRIBUTION SYSTEM DURING CONSTRUCTION.
6. INSTALL 1" ACOUSTICAL DUCT LINER IN FIRST 15' OF SUPPLY AND RETURN AIR DUCT FROM ROOFTOP UNIT.
7. PROVIDE DIFFUSERS/GRILLES WITH NECK SIZE SAME SIZE AS BRANCH DUCTWORK.
8. BRANCH SUPPLY DUCT CONNECTION TO MAIN SUPPLY DUCT SHALL BE A MIN. 5'-0" FROM RTU SUPPLY DROP.

RACEWAY

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PROTOTYPE SERIES

2022 S MO 0120

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PROFESSIONAL SEAL



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PROJECT NUMBER
22.765.00

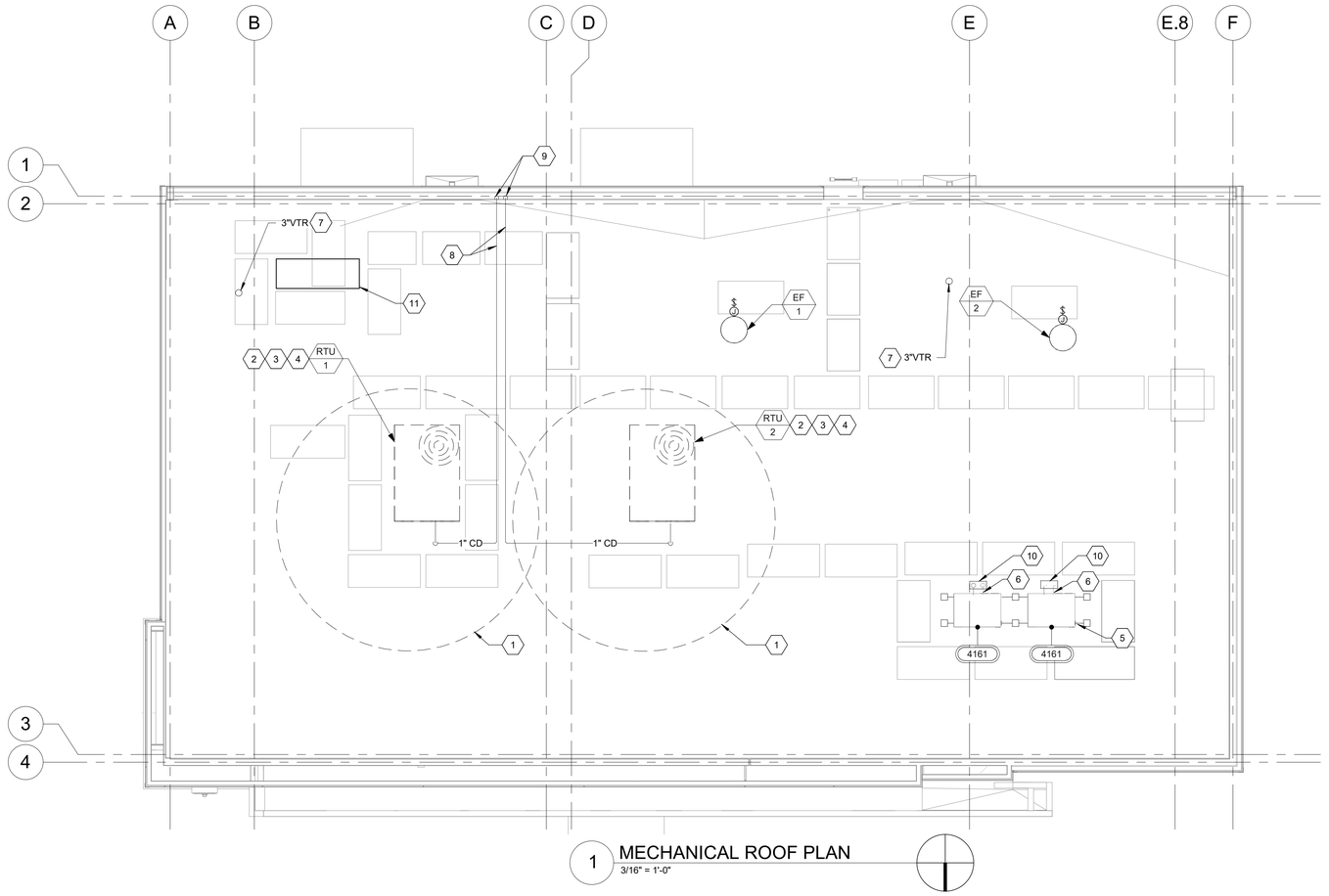
SHEET TITLE

MECHANICAL PLAN

SHEET NUMBER

M120

ISSUED FOR CONSTRUCTION



1 MECHANICAL ROOF PLAN
3/16" = 1'-0"

SHEET KEYNOTES

1	CONTRACTOR TO MAINTAIN 10'-0" CLEARANCE OF OUTSIDE AIR INTAKES ON HVAC UNITS TO ALL EXHAUST OUTLETS AND SANITARY VENTS.
2	MAINTAIN FACTORY RECOMMENDED SERVICE CLEARANCES FOR EQUIPMENT ON ROOF.
3	COORDINATE LOCATION OF UNITS AND ROOF CURBS WITH THE ARCHITECTURAL AND STRUCTURAL DWGS SHOWING BUILDING STEEL. SEE DETAIL 2 AND 6 ON SHEET M430.
4	ALL UTILITIES TO ROOFTOP HVAC UNITS TO BE ROUTED UP THROUGH ROOF CURB. COORDINATE WITH MANUFACTURERS RECOMMENDATION THROUGH THE BASE LOCATIONS FOR UTILITIES.
5	G.C. SHALL PROVIDE EQUIPMENT SUPPORT RACKS FOR REMOTE CONDENSERS M.C. SHALL INSTALL OWNER FURNISHED CONDENSERS ON RACKS. SEE DETAIL 8 ON SHEET M430.
6	CONTRACTOR SHALL FURNISH AND INSTALL REFRIGERANT PIPING FROM CONDENSERS TO EVAPORATOR/COOLERS IN THE SPACE. COORDINATE EXACT LINE SIZES WITH EQUIPMENT VENDOR.

SHEET KEYNOTES

7	SHOWN FOR REFERENCE.
8	PROVIDE 1" CONDENSATE DRAIN PIPING FROM ROOFTOP HVAC UNIT TO CLOSEST SCUPPER . SEE DETAIL 2/P431.
9	RTU CONDENSATE SHALL TERMINATE AT SCUPPER WITH ELBOW TURNED DOWN IN SCUPPER WITH REQUIRED AIR GAP.
10	G.C. SHALL PROVIDE ATR HUB FOR REFRIGERANT PIPING PENETRATION THROUGH ROOF. SEAL ALL OPENINGS AROUND PIPING WITH FOAM AIR TIGHT. SEE DETAIL 3 ON SHEET A201.
11	PROVIDE INSULATED ROOF CURB FOR FUTURE INSTALLATION OF A KITCHEN EXHAUST AND MAKEUP AIR FAN.

GENERAL NOTES

1. RUN REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS. SUCTION PIPING SHALL BE INSULATED WITH 1/2" MANVILLE AEROTUBE 11 PIPE INSULATION SLID OVER TUBING WITHOUT CUTTING. ALL JOINTS AND SEAMS SHALL BE SEALED WITH ADHESIVE. PROVIDE COATING TO PROTECT INSULATION FROM DETERIORATION FROM THE SUN AND WEATHER.
2. CONTRACTOR TO PROVIDE PROTECTIVE HOUSINGS ON ALL HVAC AND REFRIGERATION EQUIPMENT LOCATED OUTSIDE.
3. GENERAL CONTRACTOR TO PROVIDE PIPE STAND TO HOLD REFRIGERANT LINES UP OFF ROOF.
4. CONTRACTOR SHALL INSTALL 1/2" HARDWARE CLOTH ACROSS DIMENSIONS OF AIR INLET & OUTSIDE AIR INTAKE TO PREVENT BLOCKAGE FROM DEBRIS. CONTRACTOR RESPONSIBLE FOR PAINT TOUCH-UP AT ANY SCRATCHED/MARRED SURFACES. PAINT SPEC PER MANUFACTURER'S RECOMMENDATIONS.
5. EXHAUST VENTS SHALL MAINTAIN A MINIMUM OF 10'-0" CLEARANCE FROM ANY OUTSIDE AIR INTAKE.
6. COORDINATE EXACT LOCATION OF ALL ROOF PENETRATIONS WITH THE ARCHITECTURAL DRAWINGS.

RACEWAY

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

GEORGIA REGISTERED No. 37566 PROFESSIONAL ENGINEER JUSTIN B. TRACY

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

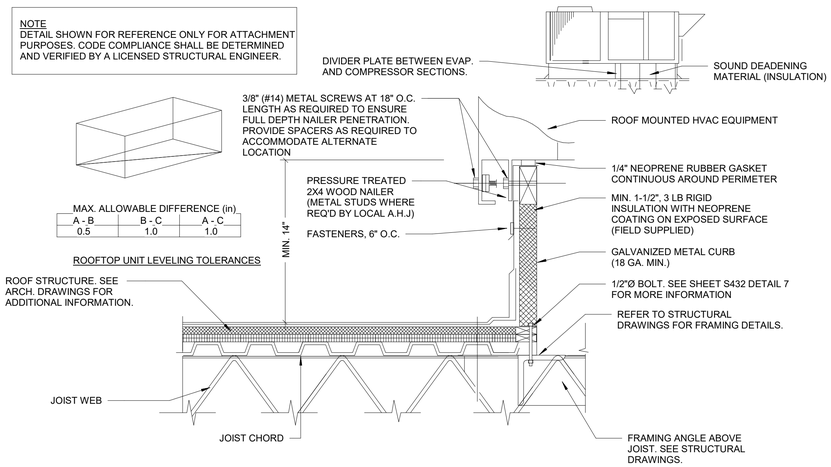
MECHANICAL ROOF PLAN

SHEET NUMBER

M200

ISSUED FOR CONSTRUCTION

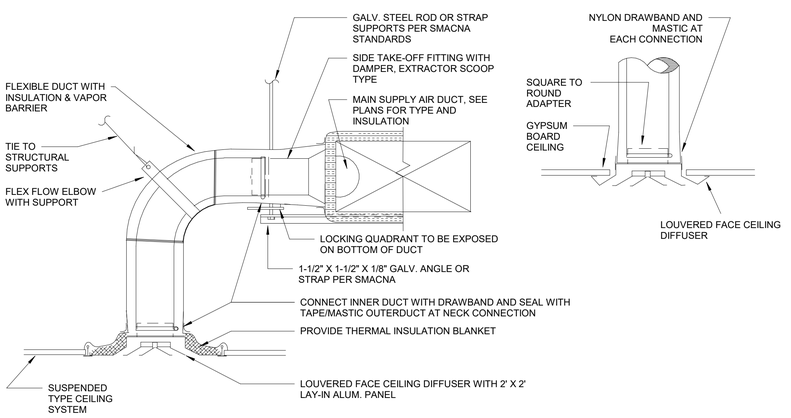
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DETAIL SHOWN FOR REFERENCE ONLY FOR ATTACHMENT PURPOSES. CODE COMPLIANCE SHALL BE DETERMINED AND VERIFIED BY A LICENSED STRUCTURAL ENGINEER.



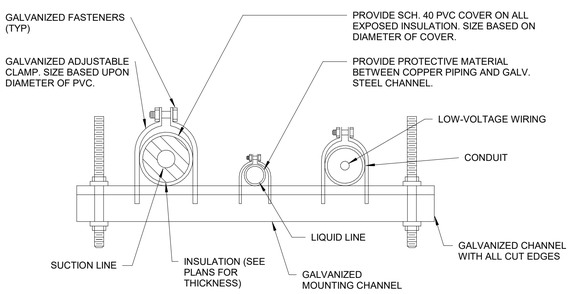
ROOFTOP UNIT INSTALLATION NOTES

1. DUCT TRANSITION FROM RTU TO DUCT SIZE SHOWN ON MECHANICAL FLOOR PLAN SHALL BE MADE BETWEEN RTU AND TOP OF ROOF WITHIN CURB.
2. INSTALL PER MANUFACTURER'S RECOMMENDATION AND INSTALLATION MANUAL.
3. ALL WIRING BY ELECTRICAL CONTRACTOR.
4. SHIM CURB AS REQUIRED TO PROVIDE HORIZONTAL INSTALLATION OF UNIT WITHIN PRESCRIBED TOLERANCES.
5. CONTRACTOR SHALL COORDINATE LOCATION OF ROOF CURB WITH STRUCTURE PRIOR TO INSTALLATION.
6. ROOF CURB BY UNIT MANUFACTURER. PROVIDE ADDITIONAL BRACING AND SUPPORT AS REQUIRED FOR ROOF CLUB INSTALLATION TO WITHSTAND WIND LOAD PER LOCAL CODES.
7. CURB TO BE HEAVY GAUGE GALVANIZED STEEL CONSTRUCTION AS RECOMMENDED BY MANUFACTURER. ALL FASTENERS SHALL BE CORROSION PROTECTED IF EXPOSED TO OUTDOORS.
8. CLEARANCE OF UNIT TO ABOVE FINISHED ROOF SHALL COMPLY WITH LOCAL CODE REQUIREMENTS.

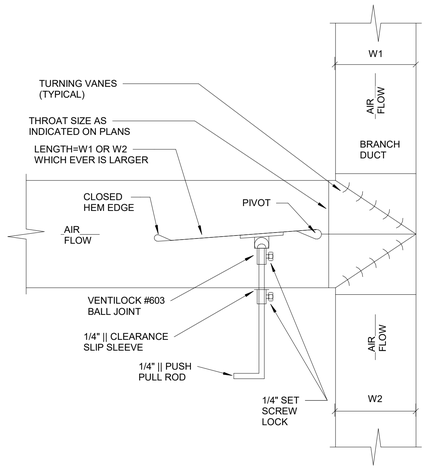
6 HVAC EQUIPMENT ROOF CURB DETAIL
NTS



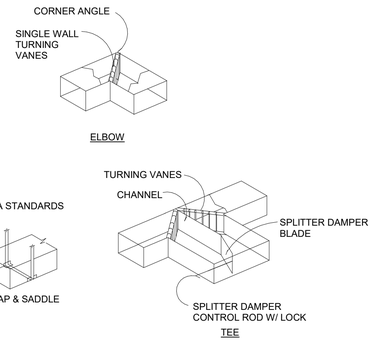
5 TYPICAL DIFFUSER DETAIL
NTS



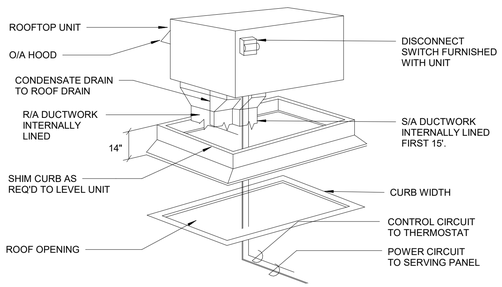
3 REFRIGERANT PIPE MOUNTING DETAIL
NTS



7 RECTANGULAR TEE DUCT DETAIL
NTS



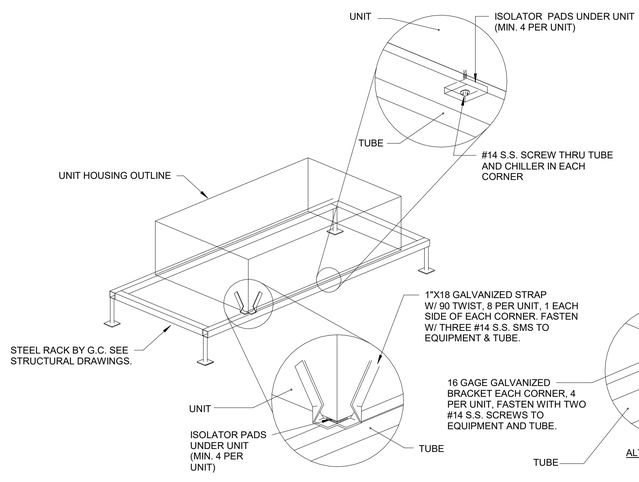
4 HVAC DUCT DETAILS
NTS



NOTES

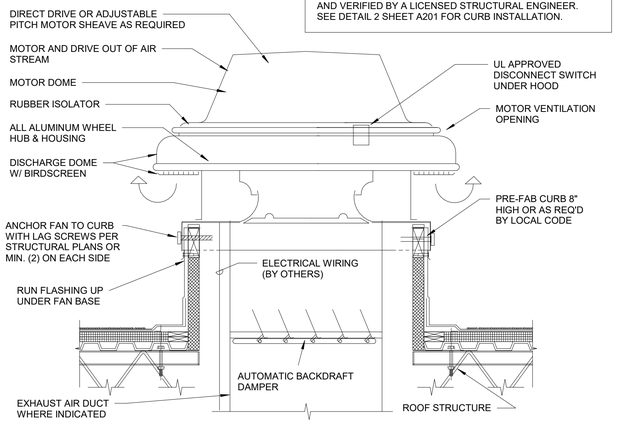
1. DUCT TRANSITION FROM RTU TO DUCT SIZE SHOWN ON MECH. FLOOR PLAN SHALL BE MADE BETWEEN RTU AND TOP OF ROOF WITHIN CURB.
2. INSTALL PER MANUFACTURER'S RECOMMENDATION AND INSTALLATION MANUAL.
3. ALL WIRING BY ELECTRICAL CONTRACTOR.

2 ROOFTOP UNIT CONNECTIONS DETAIL
NTS



8 ROOF EQUIPMENT MOUNTING RACK DETAIL
NTS

NOTE
DETAIL SHOWN FOR REFERENCE ONLY FOR ATTACHMENT PURPOSES. CODE COMPLIANCE SHALL BE DETERMINED AND VERIFIED BY A LICENSED STRUCTURAL ENGINEER. SEE DETAIL 2 SHEET A201 FOR CURB INSTALLATION.



PROVIDE 3/8" S.S. THRU BOLTS WITH MIN. LENGTH AS DETERMINED BY FIELD CONDITIONS TO INSURE PROPER ATTACHMENT TO STRUCTURE. PROVIDE ANCHORING AT 18" O.C. OR AS RECOMMENCED BY STRUCTURAL ENGINEER. WELD CURB TO TOP CHORD AS ALTERNATE METHOD.

1 ROOF MOUNTED EXHAUST FAN DETAIL
NTS

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(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

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2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

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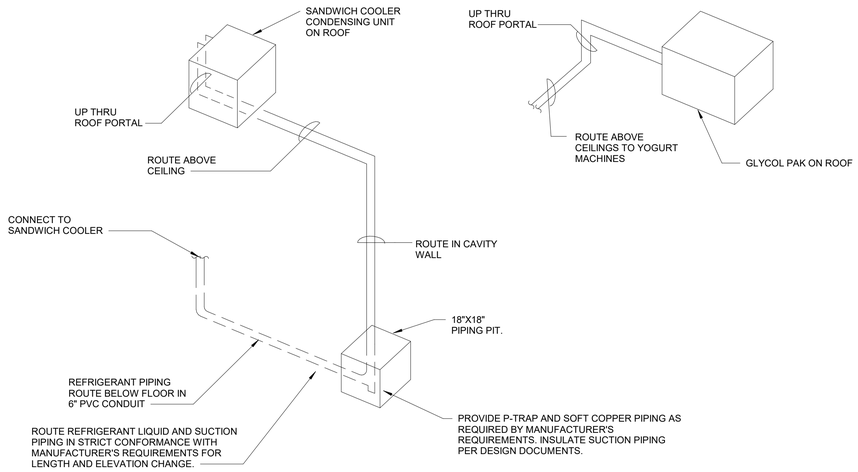
SHEET TITLE

MECHANICAL DETAILS

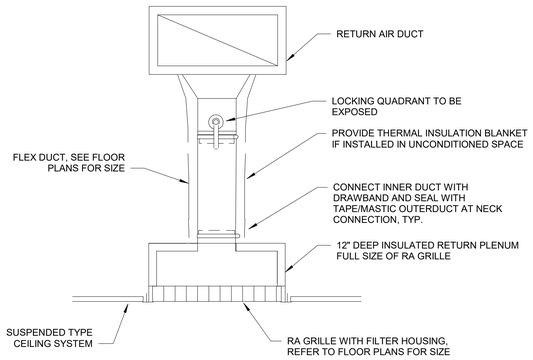
SHEET NUMBER

M430

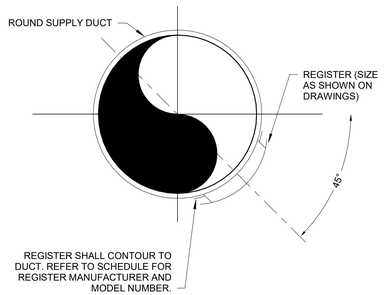
ISSUED FOR CONSTRUCTION



3 REFRIGERANT ROUTING DETAIL
NTS



2 TYPICAL RETURN AIR GRILLE DETAIL
NTS



1 CONTOURED REGISTER MOUNTING FLUSH ROUND DUCT DETAIL
NTS

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(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL

GEORGIA REGISTERED No. 35466 PROFESSIONAL ENGINEER JUSTIN B. TRACY

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

MECHANICAL DETAILS

SHEET NUMBER

M431

ISSUED FOR CONSTRUCTION

SHOCK ARRESTOR SCHEDULE			
P.D.L. DESIGNATION	**MANUF. & MODEL**	**FIXTURE UNITS**	**CONNECTION**
A	SIOUX CHIEF 652-A	1-11	1/2"
B	SIOUX CHIEF 653-B	12-32	3/4"
C	SIOUX CHIEF 654-C	33-60	1"
SIOUX CHIEF SHOCK ARRESTORS APPROVED FOR INSTALLATION WITH NO ACCESS DOOR REQUIRED. CONFORMS TO ANSI/ASSE 1010 STANDARDS.			

SLOPE OF HORIZ. DRAINAGE PIPE	
SIZE (inches)	**MINIMUM SLOPE (inch per foot)**
2-1/2 or less	1/4
3 to 6	1/8
8 or larger	1/16
PER THE 2018 INTERNATIONAL PLUMBING CODE.	

NOTE: DRAINAGE PIPING UPSTREAM OF A GREASE INTERCEPTOR SHALL HAVE A MINIMUM SLOPE OF 1/4 INCH PER FOOT.

WATER HEATER RECOVERY CALCULATION				
FIXTURE	**DEMAND (GPH)**	**QUANTITY**	**TOTAL (GPH)**	**NOTES**
LAVATORY	5.0	6	30.0	0.50 GPM AERATOR
HAND SINK	5.0	1	5.0	0.50 GPM AERATOR
3-COMP SINK	59.0	1	59.0	2.20 GPM AERATOR
			94.0	

CONTRACTOR PROVIDED PLUMBING FIXTURE SCHEDULE	
CDB	CONDENSATE DRAIN BOX: SIOUX CHIEF "OXBOX" MODEL # 696-3 OUTLET BOX, MODEL #696-CF SECONDARY DRAINAGE FUNNEL AND #696-SC SOLID COVER PLATE.
FCV	FLOW CONTROL VALVE: FLOWDESIGN # ICSS "AUTOFLOW", SERIES 300 STAINLESS UNION BODY WITH NICKEL PLATED UNION NUT, STAINLESS STEEL PRESSURE COMPENSATING CARTRIDGE, MEETING NSF 61 ANNEX G, NAMEPLATE AND 1/2" VALVE BODY SIZE UNLESS SHOWN OTHERWISE ON PLANS. PROVIDE 0.5 GPM FLOW RATE CARTRIDGE UNLESS SHOWN OTHERWISE ON PLANS.
FD-1	ADJUSTABLE ON-GRADE FLOOR DRAIN, SQUARE, SIOUX CHIEF MODEL #832-35PNQ
FD-2	ADJUSTABLE ON-GRADE FLOOR DRAIN, ROUND, SIOUX CHIEF MODEL #932-35PNR
FS-1	12"X12"X10" DEEP SQUARE HALF GRATE FLOOR SINK WITH DOME STRAINER, JOSAM MODEL #49360A-NB-3
TP	TRAP PRIMER, PRECISION PLUMBING PRODUCTS MODEL PR-500
HYD	WALL HYDRANT TO BE ZURN MODEL #Z1320-C WITH BOX, 6" WALL THICKNESS, 3/4" STRAIGHT INLET CONNECTION, ANTI-SIPHON, FREEZELESS
HYD-R	NON-FREEZE ROOF HYDRANT JAY R SMITH MODEL 5906-H, 3/4" INLET CONNECTION, 1/8" DRAIN HOLE
HWRP-1	BELL AND GOSSETT RECIRC. PUMP. MODEL NBF-22U, 115V, 100 WATT, WITH AQUASTAT.
FCO	FINISHED FLOOR CLEANOUT, ZURN Z1440-NH, CLEANOUT FERRULE W/BRONZE PLUG.
WCO	WALL CLEANOUT, ZURN MODEL #ZS1468 W/STAINLESS STEEL ACCESS COVER AND PLUG.
GCO	GRADE CLEANOUT, WADE MODEL #6000-12
MV-1 MIXING VALVE	ZURN MODEL P6900-TMV-1 WITH 3/8" INLETS/ OUTLETS, INTEGRAL CHECK VALVES AND STRAINER SCREEN, MIN. FLOW 0.50 GPM, MEETS ASSE 1070.
BFP-1	ZURN MODEL 740 ASSE 1022 DUAL CHECK VALVE.
RPZ-1	WATTS # LF009QT-S, MEETING ASSE 1013, LEAD FREE CAST BRONZE BODY, QUARTER TURN TEST COCKS, QUARTER TURN BALL VALVES, BRONZE STRAINER, AND #909AG AIR GAP FITTING.
GENERAL NOTES:	
(1) - FIXTURES SHALL BE AS SHOWN. (2) - ALL FIXTURES SHALL COMPLY WITH TABLE 604.4 OF IPC 2018. (3) - ALL FIXTURES TRIM PACKAGES INCLUDING BUT NOT LIMITED TO TRAP, ANGLE STOP, FLUSH VALVE, SUPPLY TUBES, AND CLEANOUT COVER PLATES SHALL BE POLISHED CHROME FINISH THE SAME AS ZURN Z6930 FAUCET AND PER ARCHITECTURAL FINISH SCHEDULE. (4) - ALL FIXTURES SHALL BE ROUGHED IN PER MANUFACTURER CUT SHEET TO MAINTAIN UNIFORMITY.	

PLUMBING NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH 2018 IPC, APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
2. PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL CONDITIONS.
3. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMAN LIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL. ALL EXCAVATION AND BACKFILL, AS REQUIRED FOR THIS PHASE OF CONSTRUCTION, SHALL BE A PART OF THIS CONTRACT.
4. REQUIRED INSURANCE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
5. PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTS, PLUMBING CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. PLUMBING CONTRACTOR MUST BE PRESENT FOR ALL INSPECTIONS OF HIS WORK BY REGULATORY AUTHORITIES.
6. DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS
7. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO THE ENGINEER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
8. VERIFY LOCATION, SIZE, DIRECTION OF FLOW AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
9. WATER DISTRIBUTION PIPING EXPOSED ABOVE GROUND AND BELOW GROUND SHALL BE ASTM B88 TYPE "L" COPPER. WATER DISTRIBUTION PIPING CONCEALED IN WALLS AND ABOVE CEILINGS SHALL BE ASTM D2846 CPVC, APPROVED FOR POTABLE WATER USAGE. COORDINATE WITH LOCAL JURISDICTION FOR ADDITIONAL REQUIREMENTS.
10. DRAIN AND MANIFOLD PIPING UNDER 3-COMPARTMENT SINKS SHALL BE TYPE "L" COPPER.
11. SOIL, WASTE, AND VENT PIPING SHALL BE NO HUB ASTM A74 CAST IRON OR ASTMD 2665 PVC, WHERE CODE ALLOWS. PVC MAY NOT BE USED THRU RATED FIRE ASSEMBLIES OR IN AIR PLENUMS.
12. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
13. FURNISH AND INSTALL APPROVED WATER HAMMER ARRESTORS AS SHOWN ON DOMESTIC WATER ISOMETRIC, SIZED AND LOCATED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WH-PDI 201.
14. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS.
15. ISOLATE COPPER PIPE FROM HANGER OR SUPPORTS WITH ISOLATOR PADS OR MATERIAL.
16. PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. 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.
17. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND ALL WATER HAMMER ARRESTORS. ACCESS PANELS IN FIRE RATED WALLS MUST MAINTAIN THE SAME RATING AND MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.
18. PROVIDE COMBINATION COVER PLATE AND CLEANOUT PLUG OR ACCESS PANEL FOR ALL WALL CLEANOUTS FINISH TO MATCH FIXTURE TRIM.
19. ALL CONTROL VALVES SHALL BE TAGGED AND MARKED. A REPRODUCIBLE DIAGRAM LOCATING ALL VALVES SHALL BE PROVIDED FOR OWNER/OPERATOR.
20. ALL CONDENSATE DRAIN PIPING SHALL BE TYPE "L" COPPER WITH 1/2" ARMAFLEX INSULATION. PVC PIPING WITH ARMAFLEX INSULATION MAY BE USED IN LOCATIONS WHERE ALLOWED BY LOCAL CODES. SEE PLUMBING DRAWINGS FOR SIZE AND LOCATION OF PIPING.
21. PROVIDE ANGLE STOPS ON ALL WATER SERVICE LINES TO FIXTURES FOR INDIVIDUAL SHUT-OFF.
22. WATER PIPING INSULATION SHALL BE 1" ARMAFLEX INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS FOR ALL HOT WATER PIPING. ALL COLD WATER PIPING SHALL BE INSULATED WITH 1/2" ARMAFLEX INSULATION, PER 2015 IECC.
23. PLUMBING CONTRACTOR SHALL COORDINATE INVERT ELEVATION OF EXISTING SANITARY WASTE DRAINAGE PIPING WITH NEW PIPING PRIOR TO INSTALLATION.
24. GENERAL CONTRACTOR TO SEAL ALL PENETRATIONS IN WALLS AND CEILINGS.
25. GENERAL CONTRACTOR TO PROVIDE AND INSTALL QUICK CONNECTIONS / ISOLATION VALVES AT ALL BEVERAGE MACHINES.
26. INDIRECT DRAIN LINES FROM FOUNTAINS, ICE MACHINES, COLD PANS, & OTHER REFRIGERATED MACHINES SHALL BE INSULATED.
27. CONDENSATE LINES IN COOLERS SHALL BE INSULATED.

PLUMBING LEGEND

FCO	FLOOR CLEAN OUT
WCO	WALL CLEAN OUT
GCO	GRADE CLEAN OUT
S.O.V	SHUT-OFF VALVE
FD	FLOOR DRAIN
CW	DOMESTIC COLD WATER
HW	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RECIRCULATING
HB	HOSE BIB
HD	HUB DRAIN
VTR	VENT THRU ROOF

	BALL VALVE
	GLOBE VALVE
	BALANCING VALVE
	FLOW CONTROL VALVE
#	WATER HAMMER ARRESTER (PDI No.)
FD	FLOOR DRAIN
FS	FLOOR SINK
	PIPE RISE UP
	PIPE DOWN OR DROP
	CAPPED END OF PIPE
	P-TRAP

	SANITARY SEWER PIPING
GW	GREASE WASTE PIPING
	VENT PIPING
CW	DOMESTIC COLD WATER PIPING
HW	HOT WATER PIPING
HWR	HOT WATER RECIRCULATING PIPING
CD	CONDENSATE PIPING
FW	FILTERED WATER PIPING
FWPH	FILTERED WATER PHOSPHATE PIPING

RACEWAY

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

GEORGIA REGISTERED No. 33466 PROFESSIONAL ENGINEER JUSTIN B. TRACY

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

PLUMBING NOTES AND LEGENDS

SHEET NUMBER

P001

ISSUED FOR CONSTRUCTION

PLUMBING EQUIPMENT SCHEDULE

ITEM NO.	RISER TAG	QTY.	DESCRIPTION	FURN. BY	INST. BY	MANUFACTURER	MODEL	PLUMBING DATA									REMARKS
								CW	HW (110º)	HW (140º)	FW	FWPH	W	IW	FD	FS	
2000 SERIES – BUILDING PLUMBING																	
2002	LAV	4	VANITY SINKS	RT	GC	KOHLER	K-2611	1/2"	1/2"	-	-	-	2"	-	-	-	FAUCET: ZURN Z6930-XL-F-CWB-TMV-1
2003	HLAV	2	LAVATORY FOR ACCESSIBLE STALLS (HARD WIRED FAUCET)	RT	GC	ZURN	Z5341	1/2"	1/2"	-	-	-	2"	-	-	-	FAUCET: ZURN Z6930-XL-F-CWB-TMV-1
2004	UR	2	URINAL	RT	GC	ZURN	Z5755-U	3/4"	-	-	-	-	2"	-	-	-	FLUSH VALVE: ZURN ZEMS6003AV-ULF-VP
2005	MS	1	MOP SINK FAUCET	RT	GC	ZURN	Z1996-SF	1/2"	-	1/2"	-	-	3"	-	-	-	PROVIDE FD-2 FOR MS
2008	WF	1	WATER FILTER SYSTEM	RT	GC	EVERPURE	ENDURANCE HIGH FLOW TRIPPLE: EV9437-31	3/4"	-	-	3/4"	3/4"	-	-	-	-	XC PLUS SYSTEM. GC SHALL VERIFY REQUIRED WATER PRESSURE FOR WATER FILTER SYSTEM WITH FILTER MANUFACTURER AND PROVIDE BOOSTER PUMP AS REQUIRED.
2019	WC	4	WATER CLOSET	RT	GC	ZURN	Z5665-BWL WITH TOP SPUD AND Z5955SS-EL	1"	-	-	-	-	3"	-	-	-	FLUSH VALVE: ZURN Z5665-BWL
2020	WF	2	BEAN TO CUP WATER FILTER	RT	GC	3M	HF40-S	3/4"	-	-	-	-	-	-	-	-	CUNO MODEL #6213003 FILTER PROVIDED BY RT
2024	HS	1	HAND SINK	RT	GC	SPG	EHS-1RL	1/2"	1/2"	-	-	-	2"	-	-	-	-
2025	HS	1	COFFE BAR HAND SINK	RT	GC	ELKAY	HD320874LFR	1/2"	1/2"	-	-	-	2"	-	-	-	LK2477CR FAUCET AND DRAIN
2027	SK3	1	THREE COMPARTMENT SINK	RT	GC	SPG	SKS-003030-01	3/4"	-	3/4"	-	-	-	2"	-	4"	T&S BRASS B231 FAUCET AND T&S BRASS B-0133-B SPRAYER
3000 SERIES – ELECTRICAL EQUIPMENT WITH PLUMBING																	
3007	-	3	GRANITA MACHINE	OP	VENDOR	BUNN	ULTRA II CFV	-	-	-	-	1/4"	-	-	-	2"	-
3008	-	1	CAPPUCCINO DISPENSER - 5 HEAD	OP	GC	BUNN	IMIX-5	-	-	-	-	1/4"	-	-	-	-	-
3013	EWH	1	WATER HEATER (50 GAL - SHORT)	RT	GC	RHEEM	ES50-18-G	-	-	-	-	-	-	-	-	-	PROVIDE AMTROL ST-5 2 GALLON EXPANSION TANK.
3017	-	3	BEAN TO CUP COFFEE MACHINE	RT	GC	SCHAERER	ART C TOUCH 3G	-	-	-	3/8"	-	-	-	-	-	-
3025		2	COCA COLA FREESTYLE	OP	OP	COCA COLA	FREESTYLE 7100				1/2"			3/4"		3"	
4000 SERIES – REFRIGERATION																	
4001	-	15	COOLER #1 DISPLAY DOOR	RT	GC	ANTHONY	INFINITY	-	-	-	-	-	-	-	-	-	HANDLES
4161	-	2	ALCH-NONALCH COOLER CONDENSER	RT	GC	BOHN	BCH0025MCAL ZA0400										-
4162	-	4	REACH IN COOLER EVAPORATOR	RT	GC	BOHN	BEC0175AS7A MA										-

APPLICABLE SPB(s): 2022.0208

RACEWAY

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SUITE 900
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(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 DATE 03/29/22

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PROFESSIONAL SEAL



2023.02.07

PROJECT NUMBER
22.765.00

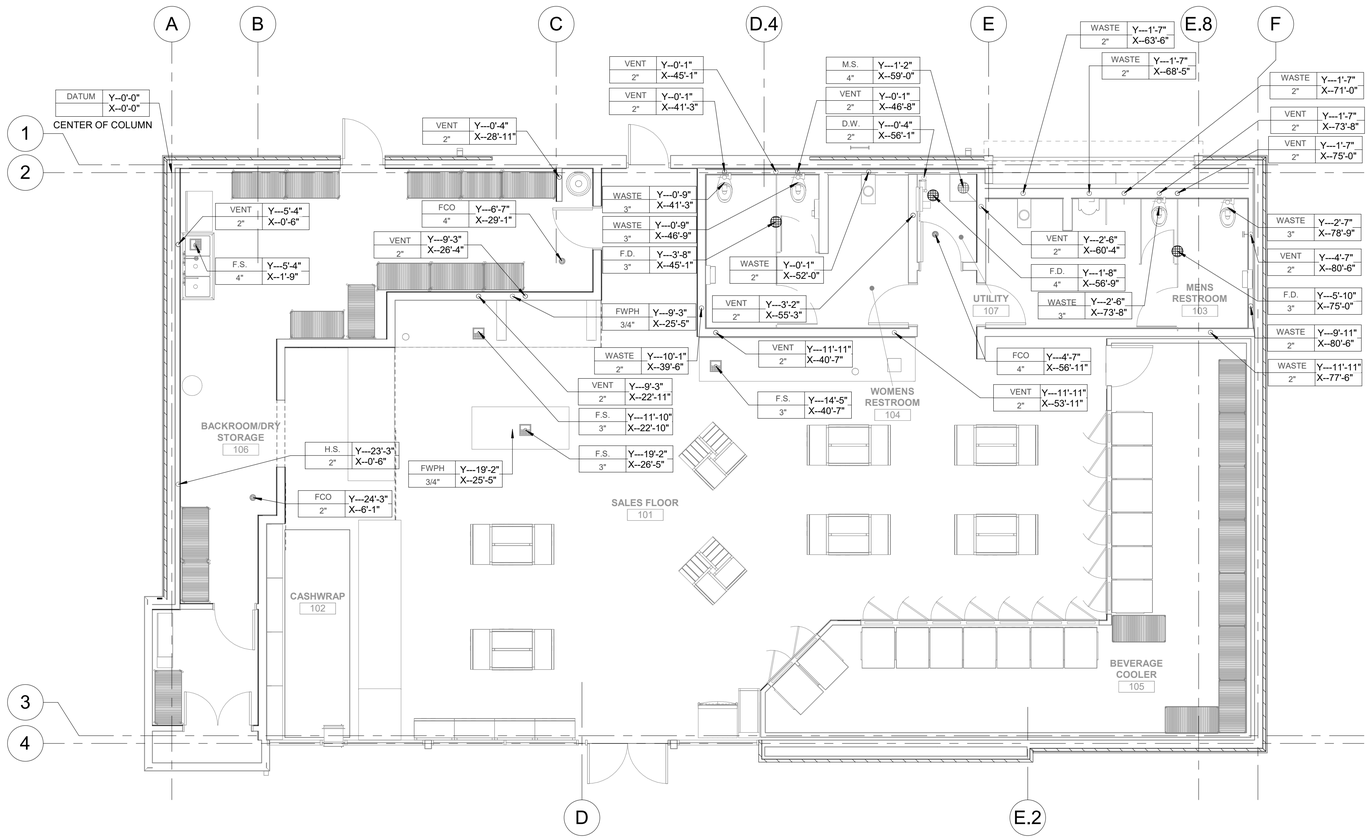
SHEET TITLE

PLUMBING EQUIPMENT SCHEDULE

SHEET NUMBER

P002

ISSUED FOR CONSTRUCTION



1 PLUMBING ROUGH-IN
3/16" = 1'-0"

LEGEND
C.W. - COLD WATER
D.W. - DOMESTIC WATER SERVICE
F.C.O. - FLOOR CLEAN OUT
F.D. - FLOOR DRAIN
F.S. - FLOOR SINK
H.S. - HAND SINK
M.S. - MOP SINK

DATUM POINT REFERENCE
X. DIMENSIONS (HORIZONTAL) ARE TAKEN FROM THE CENTER OF COLUMN INDICATED BY THE DATUM POINT.
Y DIMENSIONS (VERTICAL) ARE TAKEN FROM THE CENTER OF COLUMN INDICATED BY THE DATUM POINT.

LEGEND
DESCRIPTION/ EQUIPMENT# — F.S. / 3" — PIPE SIZE
Y (VERTICAL) DIMENSION FROM DATUM POINT. — Y--42'-10"
X (HORIZONTAL) DIMENSION FROM DATUM POINT. — X--18'-7"
1. WALL MOUNTED DEVICES ARE DIMENSIONED TO WALL.
2. CEILING AND FLOOR MOUNTED DEVICES AND/OR PENETRATIONS ARE DIMENSIONED TO THE CENTER OF THE DEVICE/PENETRATION.

RACEWAY

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(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

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2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

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2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

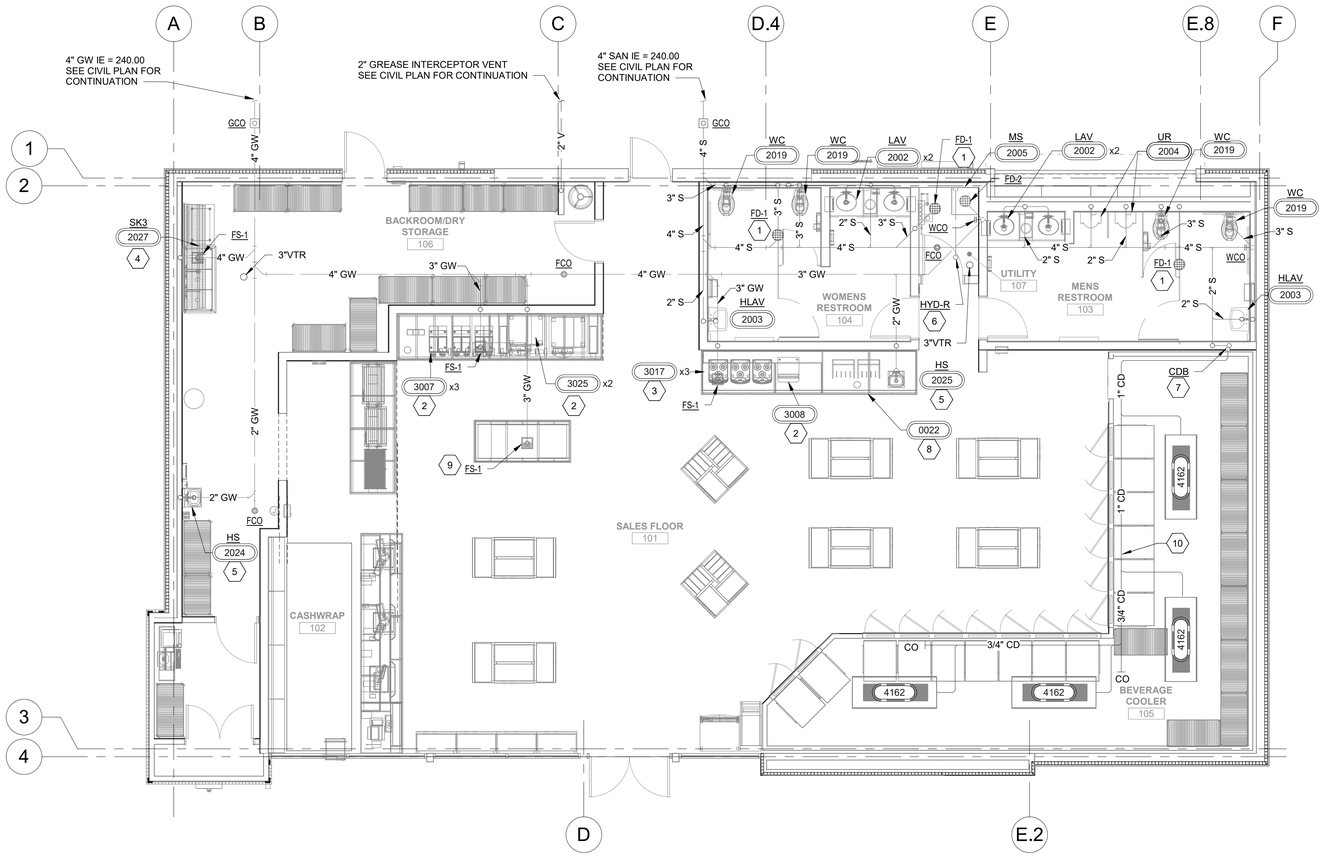
PLUMBING ROUGH-IN PLAN

SHEET NUMBER

P100

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0208



1 SANITARY PLAN
3/16" = 1'-0"

SHEET KEYNOTES

1	PROVIDE TRAP PRIMER, RUN 1/2" SOFT "K" COPPER TUBING BELOW FLOOR TO PRIMER FITTING AT FLOOR DRAIN TRAP FOR FLOOR DRAINS. SEE DETAIL 1/P431 AND 2/P431.
2	INDIRECT DRAIN LINES FROM DRAIN PANS TO BE CPVC & ROUTED TO FLOOR SINK WITH AIR GAP. SEE DETAIL 6/P431.
3	INDIRECT DRAIN LINES FROM BEAN TO CUP COFFEE MACHINE TO BE CPVC & ROUTED TO FLOOR SINK WITH AIR GAP.
4	COPPER INDIRECT DRAIN FROM MANIFOLD FROM 3-COMP SINK TO FLOOR SINK WITH AIR GAP. SEE 3/P430.
5	DIRECT DRAIN FROM HAND SINK TO WASTE LINE AS SHOWN.
6	ROUTE 1/2" INDIRECT DRAIN FROM NON-FREEZE ROOF HYDRANT TO MOP SINK WITH REQUIRED AIR GAP.
7	1" COOLER CONDENSATE DOWN IN WALL TO CONDENSATE DRAIN BOX WITH REQUIRED AIR GAP.
8	INDIRECT DRAIN LINES FROM COFFEE COUNTER DRAIN PANS TO BE CPVC & ROUTED TO FLOOR SINK WITH AIR GAP.
9	PROVIDE GAS TIGHT P-TRAP PLUG AND PROVIDE HEAVY DUTY SOLID GRATE FOR FLOOR SINK SERVING FUTURE COFFEE PREP ISLAND EQUIPMENT.

SHEET KEYNOTES

10	ROUTE COOLER CONDENSATE AS HIGH AS POSSIBLE ABOVE DOORS ALONG COOLER WALL. CONDENSATE DRAIN SHALL HAVE 1/4" SLOPE PER FOOT. COORDINATE WITH ALL OTHER TRADES TO AVOID CONFLICTS PRIOR TO INSTALLATION.

GENERAL NOTES

1. REFER TO SANITARY ISOMETRICS, SHEET P410, FOR SANITARY AND VENT PIPING SIZES.
2. CONTRACTOR TO COORDINATE SANITARY BUILDING SEWER DRAIN AND GREASE WASTE DRAIN CONNECTIONS WITH CIVIL/SITE CONTRACTOR. VERIFY EXISTING SEWER ELEVATION IS ADEQUATE FOR GRAVITY DRAINAGE SEWER SYSTEM FOR BUILDING. CONTACT ENGINEER OF RECORD IF EXISTING SEWER INVERT ELEVATION WILL NOT SUPPORT A GRAVITY DRAINING SYSTEM.
3. ROUTE ALL DRAIN LINES AND CONDENSATE LINES FROM EQUIPMENT TO NEAREST FLOOR SINK WITH APPROVED AIR GAP.
4. REFER TO SHEET M200 FOR RTU CONDENSATE PIPING.

RACEWAY

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PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL

GEORGIA REGISTERED No. 35866 PROFESSIONAL ENGINEER JUSTIN B. TRACY

2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

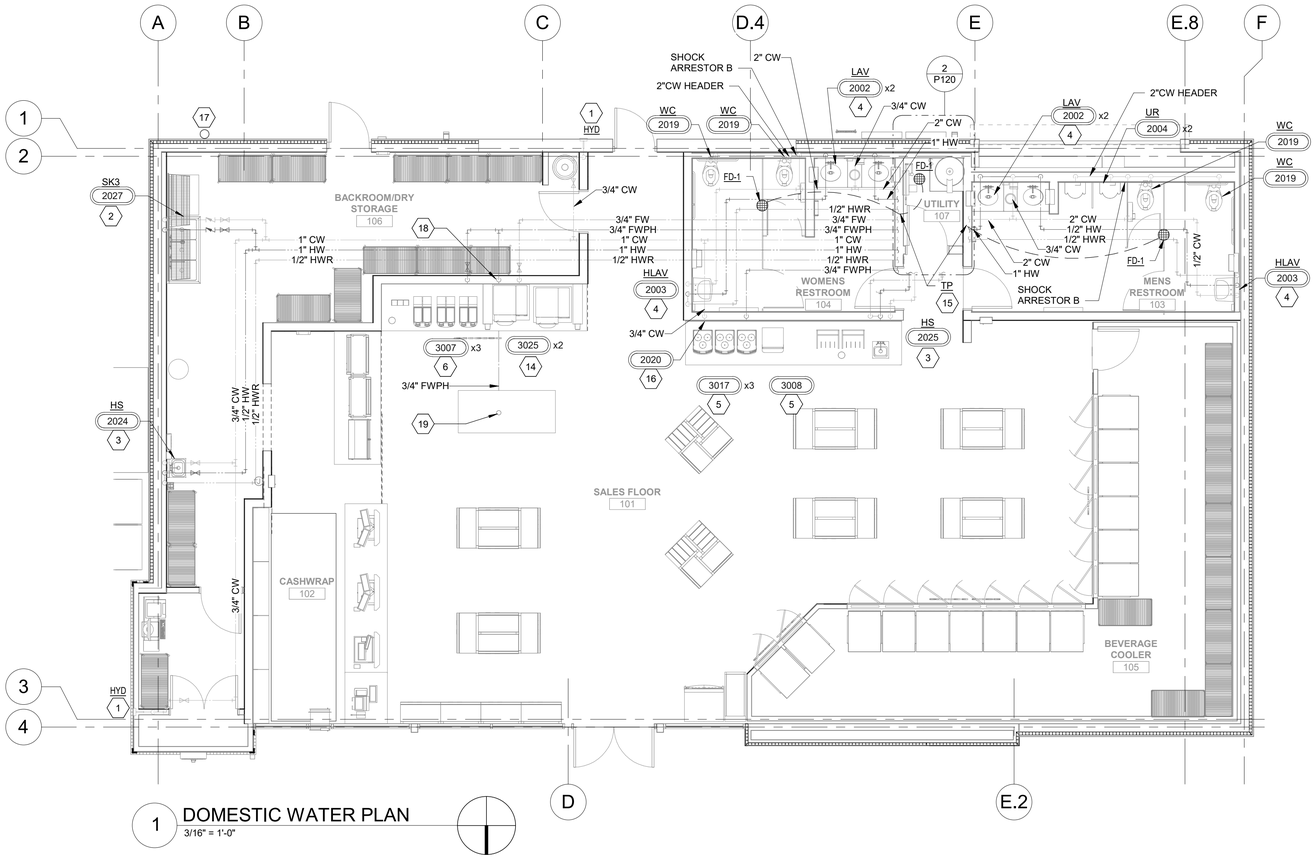
SANITARY PLAN

SHEET NUMBER

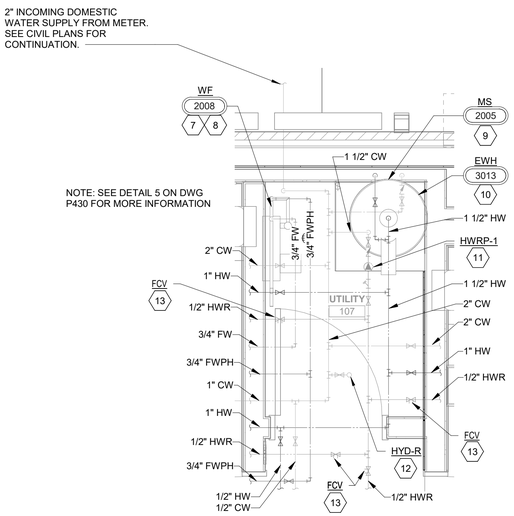
P110

ISSUED FOR CONSTRUCTION

APPLICABLE SPB(s): 2022.0208



1 DOMESTIC WATER PLAN
3/16" = 1'-0"



2 ENLARGED WATER PLAN
1/2" = 1'-0"

SHEET KEYNOTES

1	3/4" CW LINE DOWN IN WALL TO NON-FREEZE HYDRANT.
2	PROVIDE 3/4" CW AND HW TO 3-COMPARTMENT SINK FAUCET. SEE 3/P430.
3	PROVIDE 1/2" CW AND HW DOWN IN WALL TO HAND SINK AND MIXING VALVE MV-1.
4	PROVIDE CW AND HW DOWN IN WALL TO LAV SINK FAUCET FURNISHED WITH MIXING VALVE. HOT WATER CONNECTION TO LAVATORY SHALL BE A MAX. 2'-0" FROM HOT WATER MAIN.
5	FWPH WATER SUPPLY TUBING FROM SHUTOFF AT 48" A.F.F. TO COFFEE MAKERS/HOT CAPPUCCINO SHALL BE FLEX NYLON BRAIDED FLEX TUBING AND SHALL BE NSF APPROVED. INSTALL SHUT-OFF VALVE AT EACH BEVERAGE UNIT. PROVIDE WITH BACKFLOW PREVENTER BFP-1.
6	3/4" FWPH TO GRANITA AT 48"AFF. PIPING ROUTED OVERHEAD AND TERMINATE WITH BALL VALVE. G.C. TO TAG VALVE. CONNECTION TO EQUIPMENT BY OTHERS.
7	MOUNT WATER FILTERS ON WALL ABOVE BACKFLOW PREVENTER. REFER TO DETAIL 5/P430.
8	MOUNT SCALE STICK (PHOSPHATE FEEDER) TO WALL ABOVE BACK FLOW PREVENTER. REFER TO 5/P430.

SHEET KEYNOTES

9	PROVIDE 1/2"CW AND HW. CONNECT TO MOP SINK FAUCET.
10	CW AND HW DOWN TO ELECTRIC WATER HEATER. SEE DETAILS 1/P430, 2/P430, & 4/P430.
11	CONTRACTOR SHALL PROVIDE CONTROLS TO ACTIVATE PUMP WHEN HOT WATER RETURN LINE REACHES 100F AND SHUT-OFF 120F.
12	ROUTE 3/4"CW UP TO ROOF AND CONNECT TO NON-FREEZE ROOF HYDRANT. SEE 6/P430.
13	LOCATE 0.33 GPM AUTOMATIC FLOW CONTROL VALVE APPROXIMATELY 11'-8" AFF AS SHOWN ON PLANS TO ALLOW ACCESS AND SERVICE. SEE 5/P431.
14	3/4" FILTERED CW TO SODA BEVERAGE EQUIPMENT WITH STAINLESS STEEL BACKFLOW PREVENTER. TERMINATE WITH BALL VALVE. CONNECTION TO EQUIPMENT BY OTHERS. PROVIDE WITH BACKFLOW PREVENTER BFP-1.
15	LOCATE TRAP PRIMER WITH 1/2"CW AND SHUTOFF VALVE ABOVE CEILING IN JANITOR CLOSET. PROVIDE 1/2"CW FROM TRAP PRIMER TO FLOOR DRAINS IN RESTROOMS AND JANITOR CLOSET. COORDINATE WITH ELECTRICAL. SEE 1/P430.

SHEET KEYNOTES

16	PROVIDE 3/4" CW DOWN IN WALL AND CONNECT TO BEAN TO CUP WATER FILTER IN CASEWORK. ROUTE 3/8" FILTERED CW FROM FILTER TO BEAN TO CUP COFFEE MACHINE. PROVIDE WITH APPROVED BACKFLOW PREVENTER AND BALL VALVE.
17	PROVIDE 1" NATURAL GAS STUB UP AND CAP FOR FUTURE EQUIPMENT. PROVIDE SHUTOFF VALVE IN VERTICAL IN AN ACCESSIBLE LOCATION.
18	3/4" FWPH WATER SUPPLY DOWN IN WALL. PIPING SHALL BE ROUTED BELOW SLAB TO COFFEE PREP BAR.
19	PROVIDE 3/4"FWPH STUB UP ABOVE FINISHED FLOOR AND CAP FOR FUTURE EQUIPMENT. PROVIDE SHUT-OFF VALVE AND BACKFLOW PREVENTER IN VERTICAL AND IN AN ACCESSIBLE LOCATION WITHIN MILLWORK.

GENERAL NOTES

1. REFER TO DOMESTIC WATER ISOMETRIC, SHEET P410 FOR WATER LINE PIPE SIZES.
2. CONTRACTOR TO COORDINATE 2" DOMESTIC WATER SERVICE TO BUILDING WITH CIVIL/SITE CONTRACTOR. VERIFY ADEQUATE WATER PRESSURE IS AVAILABLE AT EXISTING PUBLIC WATER MAIN FOR THE BUILDING SYSTEM.
3. PROVIDE WATER LINES SIZED TO MEET THE PLUMBING FIXTURES AND EQUIPMENT CONNECTION SIZES, UNLESS NOTED OTHERWISE.
4. DOMESTIC WATER METERS PROPOSED TO BE IN PVC METER PITS EXTERNAL FROM THE BUILDING. COORDINATE LOCATION WITH CIVIL/SITE CONTRACTOR.

RACEWAY

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RACETRAC STORE NUMBER

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PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

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PROFESSIONAL SEAL



2023.02.07

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22.765.00

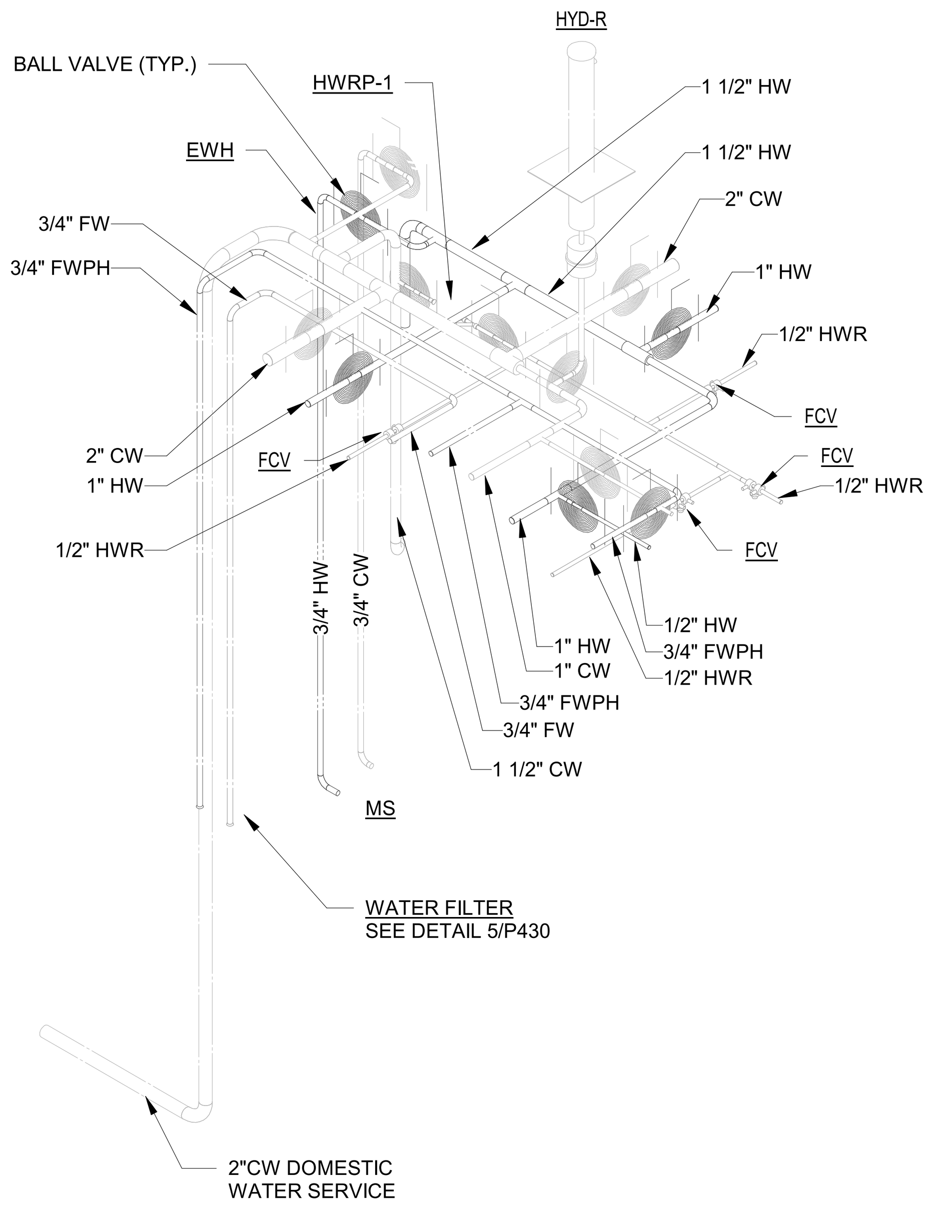
SHEET TITLE

DOMESTIC WATER PLAN

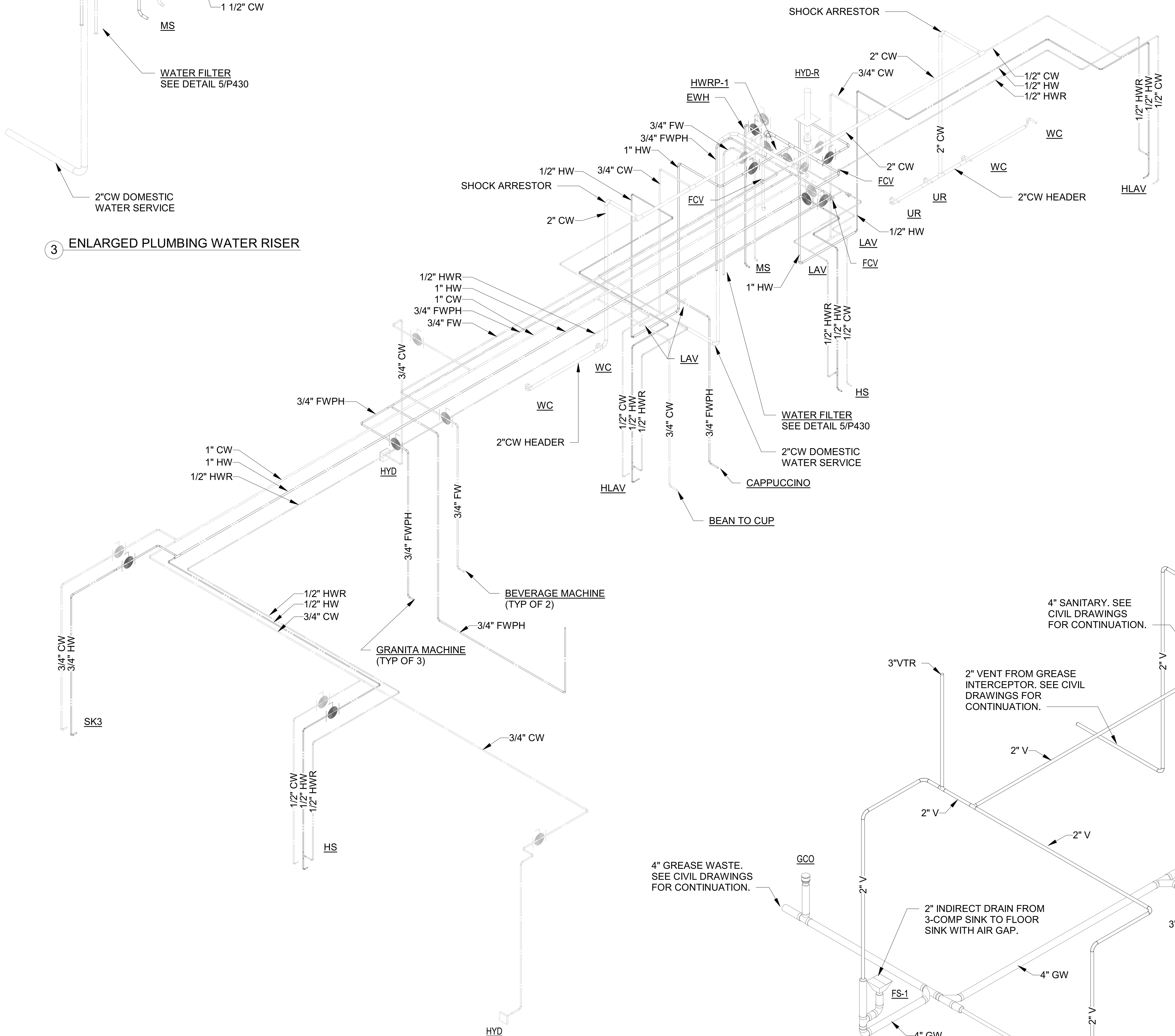
SHEET NUMBER

P120

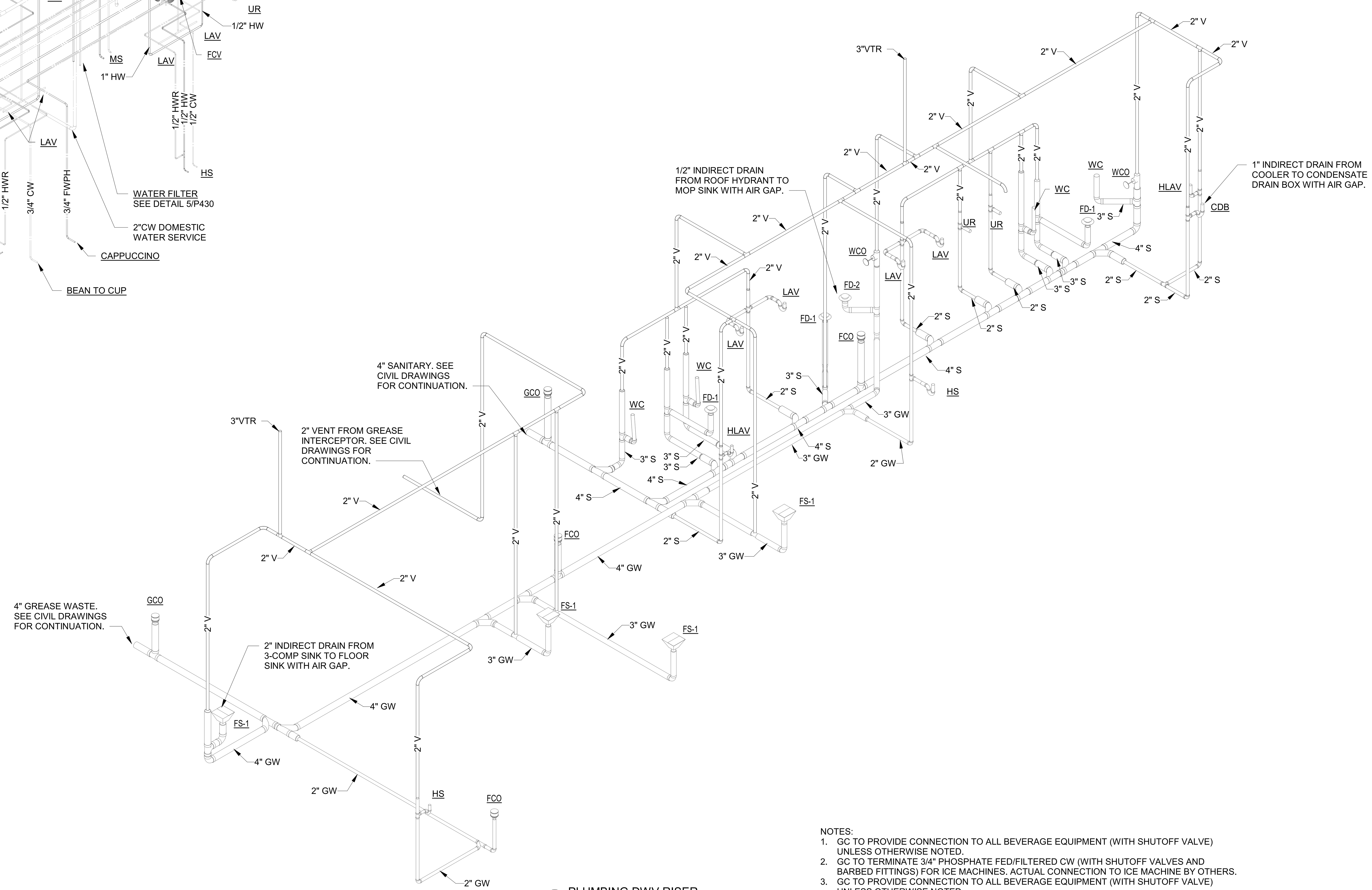
ISSUED FOR CONSTRUCTION



3 ENLARGED PLUMBING WATER RISER



2 PLUMBING WATER RISER



1 PLUMBING DWV RISER

NOTES:

1. GC TO PROVIDE CONNECTION TO ALL BEVERAGE EQUIPMENT (WITH SHUTOFF VALVE) UNLESS OTHERWISE NOTED.
2. GC TO TERMINATE 3/4" PHOSPHATE FED/FILTERED CW (WITH SHUTOFF VALVES AND BARBED FITTINGS) FOR ICE MACHINES. ACTUAL CONNECTION TO ICE MACHINE BY OTHERS.
3. GC TO PROVIDE CONNECTION TO ALL BEVERAGE EQUIPMENT (WITH SHUTOFF VALVE) UNLESS OTHERWISE NOTED.

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

PROJECT NUMBER
22.765.00

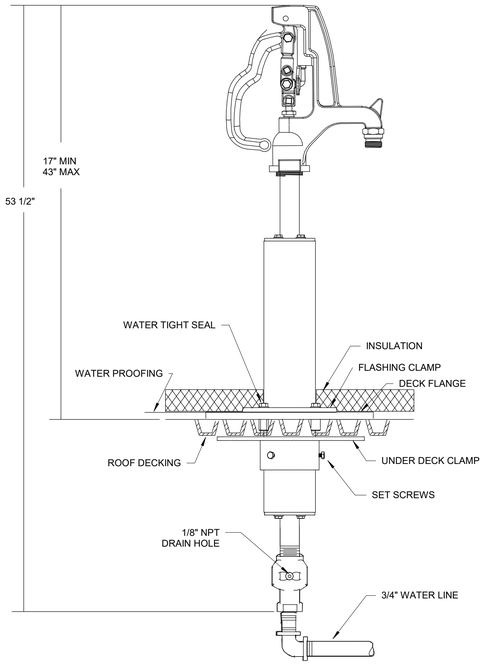
SHEET TITLE

PLUMBING ISOMETRICS

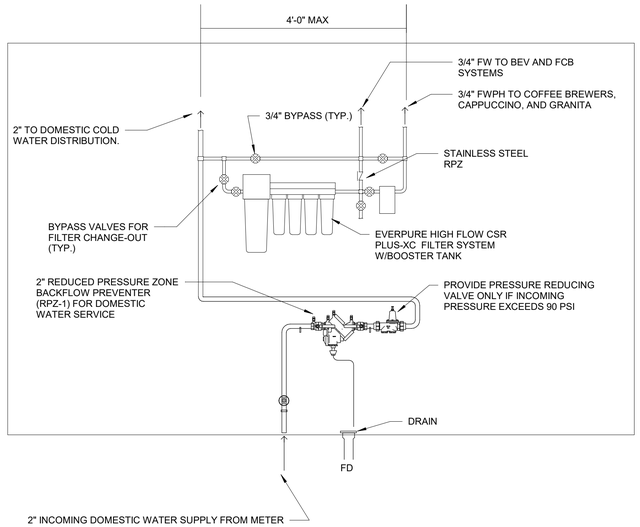
SHEET NUMBER

P410

ISSUED FOR CONSTRUCTION

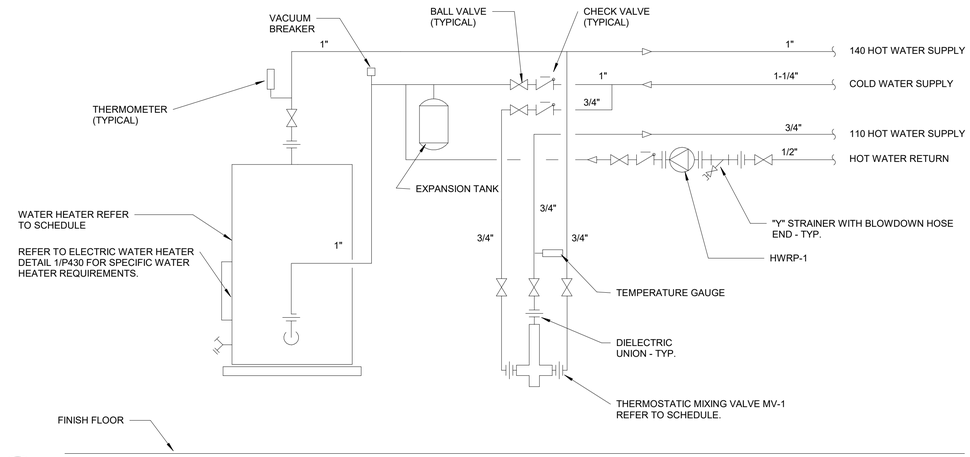


6 NON-FREEZE ROOF HYDRANT
N.T.S.

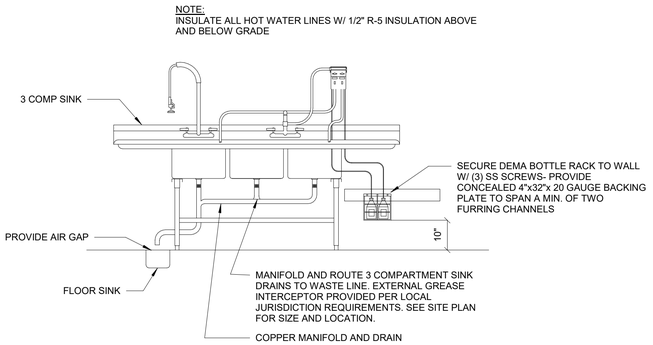


NOTE:
1. BACKFLOW PREVENTER ARE NOT REQUIRED TO BE INSIDE THE BUILDING WHEN LOCAL CODE REQUIRES LOCATION TO BE AT THE WATER METERS.
2. BACKFLOW PREVENTER SHALL NOT BE LOCATED MORE THAN 48" ABOVE FINISHED FLOOR.
3. DETAIL IS SCHEMATIC IN NATURE. PIPE SYSTEM PER MANUFACTURER'S REQUIREMENTS, AND WITHIN SPACE CONSTRAINTS FOUND IN THE FIELD.

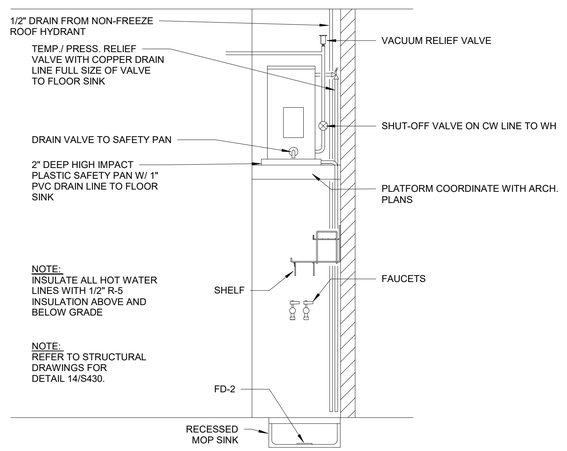
5 WATER MANIFOLD/FILTER DETAIL
N.T.S.



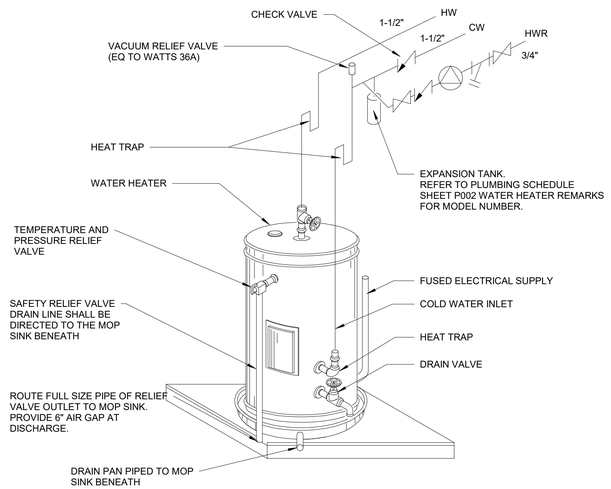
4 WATER HEATER MANIFOLD SCHEMATIC
N.T.S.



3 3-COMPARTMENT SINK DETAIL
N.T.S.



2 WATER HEATER DRAIN LINE DETAIL
N.T.S.



1 ELECTRIC WATER HEATER DETAIL
N.T.S.

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THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

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22.765.00

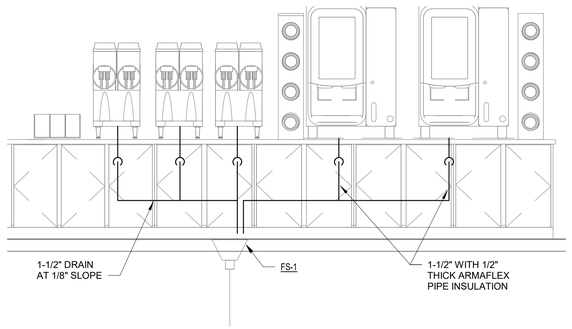
SHEET TITLE

PLUMBING DETAILS

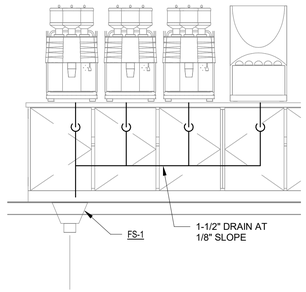
SHEET NUMBER

P430

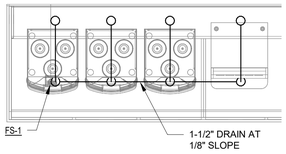
ISSUED FOR CONSTRUCTION



ELEVATION



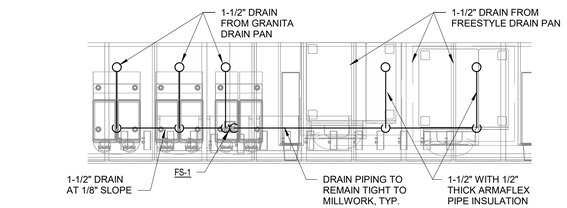
ELEVATION



PLAN VIEW

7 CABINETRY DRAIN DETAIL

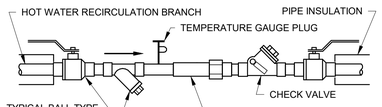
1/2" = 1'-0"



PLAN VIEW

6 CABINETRY DRAIN DETAIL

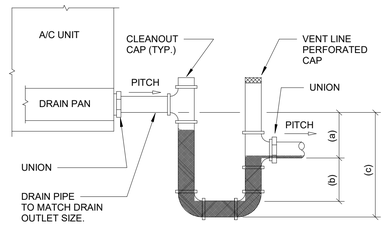
1/2" = 1'-0"



REFER TO SPECIFICATIONS, SCHEDULES, AND NOTES FOR MORE INFORMATION. MAKE CONNECTIONS AND PROVIDE INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS. ARRANGEMENT SHOWN IS SCHEMATIC: PROVIDE REDUCERS AND ADAPTERS AS REQUIRED.

5 AUTOMATIC FLOW CONTROL VALVE TRAIN

N.T.S.



THIS STANDARD DETAIL MUST BE REVIEWED AND SITE ADAPTED BY CONTRACTOR PRIOR TO USE FOR FINAL EQUIPMENT.

NOTES:
1. ALLOW SUFFICIENT SPACE BELOW DRAIN PAN FOR TRAP
2. PITCH DRAIN FOR PROPER RUNOFF.
3. MANUALLY PRIME FILL TRAP BEFORE START-UP TO FORM INITIAL DRAIN SEAL.
4. SUPPORT LENGTHY DRAIN LINES TO PREVENT SAG AND CONDENSATE OVERFLOW.

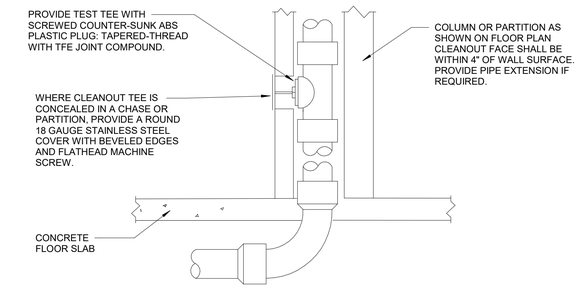
(a) THIS DIMENSION IN INCHES MUST BE EQUAL TO THE MAXIMUM FAN SUCTION (NEGATIVE) STATIC PRESSURE IN INCHES WG (WITH DIRTY FILTERS, COILS, AND MAXIMUM AIR FLOW) + 1" W.G.

(b) THIS DIMENSION IN INCHES MUST BE EQUAL TO MIN. 1/2 OF THE (a) ABOVE

(c) EQUALS (a) + (b) + PIPE DIA. + + INSULATION

2 DRAW THRU UNIT CONDENSATE TRAP

N.T.S.

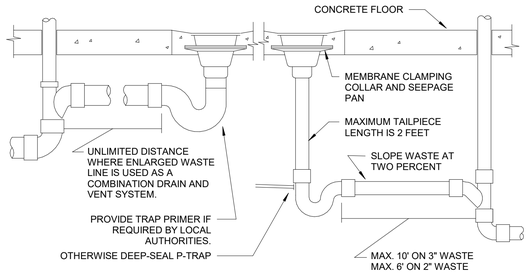


NOTE:
PROVIDE WCO WHERE SHOW ON PLAN, AND ON SANITARY WASTE BRANCHES NOT SERVED WITH A FLOOR CLEANOUT: LOCATE ABOVE FIXTURE FLOOD RIM WITHIN 4" OF FLOOR. CONSULT LOCAL CODES FOR OTHER WCO REQUIREMENTS.

4 WALL CLEANOUT DETAIL

N.T.S.

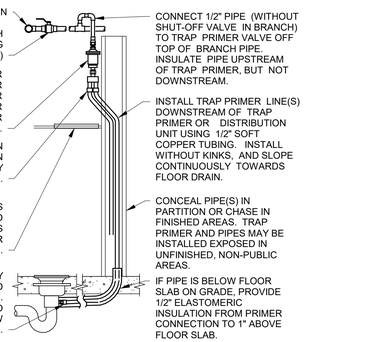
PROVIDE AN INDIVIDUAL VENT ON ALL FLOOR DRAINS. INSTALL VENT IN PARTITION OR CHASE WHERE SHOWN ON PLAN. HORIZONTAL VENT BELOW FLOOR IS NOT PERMITTED. OTHER VENTING METHODS MAY BE USED IF APPROVED BY LOCAL CODE.



LOCATE FLOOR DRAINS WHERE SHOWN ON DIMENSIONED ARCHITECTURAL PLAN. IF FLOOR STRUCTURE INTERFERES WITH FLOOR DRAIN, MOVE SIDEWAYS IF POSSIBLE, OTHERWISE MOVE BACK. ALWAYS LOCATE WHERE EASILY ACCESSIBLE, BUT NOT IN FOOT TRAFFIC. IF SITUATION IS FLOOR SLAB ON GRADE, PROVIDE BACKFILL PER SPECIFICATIONS. IF CONCRETE FLOOR IS NOT EXISTING, SET DRAIN IN PLACE AND POUR AROUND IT. IF CONCRETE FLOOR IS EXISTING, SAW CUT OR CORE DRILL IT. SET DRAIN BODY IN PLACE AND POUR AROUND IT. RECESS TOP OF FLOOR DRAIN 1/2" BELOW FLOOR SURFACE AND SLOPE FLOOR TO IT.

3 FLOOR DRAIN DETAIL

N.T.S.



PROVIDE TRAP PRIMERS WHERE SHOWN ON FLOOR PLANS, AND WHERE REQUIRED BY LOCAL AUTHORITIES. PIPING ARRANGEMENT SHOWN IS SCHEMATIC: ADJUST TO SUIT FIELD CONDITIONS. REFER TO SPECIFICATIONS AND PLUMBING FIXTURE SCHEDULE FOR MORE INFORMATION. INSTALL TRAP PRIMER VALVE AND DISTRIBUTION UNIT PER MANUFACTURER'S RECOMMENDATIONS.

1 TRAP PRIMER OVERHEAD

N.T.S.

RACEWAY

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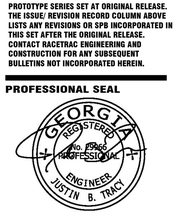
2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL



2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

PLUMBING DETAILS

SHEET NUMBER

P431

ISSUED FOR CONSTRUCTION

BUILDING LIGHTING FIXTURE SCHEDULE

TYPE	LAMP	VOLTAGE	VA PER FIXTURE	FIXTURE DESCRIPTION	CATALOG NUMBER	MFR.	REMARKS
002	LED	120 V	40 VA	LED SURFACE MOUNT STRIP LIGHT	CSVT L48 4000LM MVOLT 40K 80CRI	LITHONIA	
101	LED	120 V	18 VA	4" RECESSED DOWNLIGHT	LDN4 40/15 MVOLT GZ10HSG W/ LO4 AR LSS TRM	LITHONIA	
101EM	LED	120 V	18 VA	4" RECESSED DOWNLIGHT - EMERGENCY	LDN4 40/15 MVOLT GZ10HSG EL W/ LO4 AR LSS TRM	LITHONIA	2
301	LED	120 V	71 VA	8' LINEAR LED	CLX-L96-100000LM-SEF-FDL-MVOLT-GZ10-40K-80CRI-GALVB -ZAC240	LITHONIA	
301EM	LED	120 V	71 VA	8' LINEAR LED - EMERGENCY	CLX-L96-10000LM-SEF-FDL-MVOLT-GZ10-40K-80CRI-GALVB-ZAC240-PS1050	LITHONIA	2
302	LED	120 V	50 VA	2X4 LED FLAT PANEL	65-572	SATCO	
302EM	LED	120 V	50 VA	2X4 LED FLAT PANEL - EMERGENCY	65-576	SATCO	2
501	LED	120 V	48 VA	LED WALLPACK	ARC2 LED P5 40K MVOLT DDBXD	LITHONIA	1
600	LED	120 V	2 VA	LED EMERGENCY EXIT	CER	COMPASS	
602	LED	120 V	4 VA	WET/COLD RATED EMERGENCY LIGHT (WHITE).	PG-W-HTR	DUAL LITE	
602B	LED	120 V	4 VA	WET/COLD RATED EMERGENCY LIGHT (BRONZE).	PG-Z-HTR	DUAL LITE	
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 FOR MOUNTING HEIGHT.
2. PROVIDE 90-MINUTE BATTERY BACK-UP WITH FIXTURE.

LIGHTING MANAGER CONTACTOR SCHEDULE

MODEL #LM-60-5CB	CONTROL CHANNEL	PANEL	CKT #	LIGHTING CONTROLLED	LIGHT LEVEL SETTING
CONTACTOR #1	1	B	1,3	FUEL CANOPY LOGO	--
	1	B	5,7	EDO CANOPY LOGO	--
				SPARE	
				SPARE	
CONTACTOR #2				SPARE	
				SPARE	
				SPARE	
				SPARE	
				SPARE	
CONTACTOR #3	UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)				
	UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)				
	2	B	21	FRONT ENTRY SIGN	--
	2	B	23	SPARE (REAR ENTRY SIGN)	--
CONTACTOR #4	2	B	1,3	FUEL CANOPY LIGHTS	--
	2	B	5,7	FUEL CANOPY LIGHTS	--
	2	B	9,11	EDO CANOPY LIGHTS	--
	2	B	22	BUILDING MOUNTED LIGHTS	--
CONTACTOR #5	UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)				
	UNUSABLE SPACE - (REQUIRED FOR 2-POLE BREAKER)				
	3	B	2,4	AREA LIGHTS	--
	3	B	6,8	AREA LIGHTS	--
CONTACTOR #6				SPARE	
				SPARE	
				SPARE	
				SPARE	
CONTACTOR #7	4	B	17	PRICE SIGN	--
	4	B	19	PRICE SIGN	--
				SPARE	
				SPARE	
CONTACTOR #8				SPARE	
				SPARE	
				SPARE	
				SPARE	
CONTACTOR #9				SPACE	
				SPACE	
				SPACE	
				SPACE	
CONTACTOR #10				SPACE	
				SPACE	
				SPACE	
				SPACE	

NOTE:
1. TOTAL NUMBER OF CONTACTORS 10.
2. EACH CONTACTOR HAS (4) POLES (L1,L2,L3,L4).
3. COORDINATE ALL LIGHT LEVEL SETTINGS AND TIME CLOCK PROGRAMMING WITH OWNER.

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 DOUBLE-DUPLEX RECEPTACLE (NEMA 5-20R) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS NOTED OTHERWISE.
GFI	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.
J	JUNCTION BOX
MS	MOTION SENSOR - SENSOR SWITCH #CM-PDT-10 WITH POWER PACK #PP20
MS LT	MOTION SENSOR - LOW TEMPERATURE. SENSOR SWITCH #CM-ADC-DZ.
MON	SECURITY CAMERA MONITOR.
CAM CLG CAM	SECURITY CAMERA (PROVIDED BY RACEWAY). ROUTE MANUFACTURER-REQUIRED CABLING ABOVE CEILING TO EQUIPMENT LOCATED IN COMPUTER CLOSET.
S	MUSIC SYSTEM CEILING-MOUNTED SPEAKER. ROUTE MANUFACTURER-REQUIRED CABLING ABOVE CEILING TO EQUIPMENT LOCATED IN COMPUTER CLOSET.
S	CASHWRAP EAVESDROP WALL-MOUNTED SPEAKER. ROUTE MANUFACTURER-REQUIRED CABLING ABOVE CEILING TO EQUIPMENT LOCATED IN COMPUTER CLOSET.
M	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.
$ J	MOTOR RATED SWITCH
	DISCONNECT SWITCH. REFER TO ELECTRICAL PLANS FOR MORE INFORMATION.
	ELECTRICAL POWER WALL
WP	WEATHERPROOF
T/C	TIME CLOCK
TIE	DENOTES CONNECTING MULTIPLE DEVICES TO A COMMON CIRCUIT
A.F.F.	ABOVE FINISH FLOOR
PDC	DENOTES POWER DISTRIBUTION CENTER
UC	DENOTES DEVICE MOUNTED UNDER COUNTER
USB	DENOTES USB/RECEPTACLE PLUG CONFIGURATION
AC	DENOTES DEVICE MOUNTED ABOVE COUNTER
CLG	DENOTES DEVICE MOUNTED IN CEILING
XXX	EQUIPMENT TAG. REFER TO SHEET E002 FOR EQUIPMENT SCHEDULE.
X	LIGHTING FIXTURE TAG. REFER TO THIS SHEET FOR LIGHTING FIXTURE SCHEDULE.
X	SHEET KEYNOTE TAG.
X / X	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 2017 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.
   1. NATIONAL ELECTRICAL CODE (NFPA-70)
   2. CODE FOR SAFETY TO LIFE (NFPA, 101)
   3. STANDARD FOR THE INSTALLATION, MAINTENANCE AND USE OF LOCAL PROTECTIVE SIGNALING SYSTEMS (NFPA-72)
   4. UNDERWRITERS' LABORATORIES (UL)
   5. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
   6. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
   7. FEDERAL SPECIFICATION (FED. SPEC.)
   8. INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA)
   9. INTERNATIONAL BUILDING CODE. 2010 EDITION
   10. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
   11. 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 A.W.G. (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:
   1. CURRENT CARRYING BUSES SHALL BE COPPER. GROUND BUS BARS SHALL BE COPPER.
   2. ALL CIRCUIT BREAKERS SHALL BE BOLT ON. PLUG-IN BREAKERS ARE NOT ACCEPTABLE.
   3. CIRCUIT BREAKERS USED AS SWITCHES IN FLUORESCENT OR HID LIGHTING CIRCUITS SHALL BE LISTED AND MARKED "SWD" OR "HID" AS REQUIRED.
   4. ALL CIRCUIT BREAKERS FEEDING MECHANICAL EQUIPMENT SHALL BE HACR TYPE.
   5. PANELBOARDS SHALL BE SERIES RATED WITH UPSTREAM BREAKERS IN MDP.
   6. ALL PANELBOARDS SHALL BE FURNISHED WITH PLASTIC LAMINATE NAMEPLATES WITH 1/4" ENGRAVED LETTERING FOR PANEL IDENTIFICATION.
   7. ALL PANELBOARDS SHALL BE PROVIDED WITH TYPE-WRITTEN DIRECTORY OF BRANCH CIRCUIT DESIGNATIONS.
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.
J. WIRING DEVICES (GENERAL PURPOSE RECEPTACLES AND WALL SWITCHES) SHALL BE WHITE COLOR UNLESS OTHERWISE NOTED. FACEPLATES SHALL BE SMOOTH, WHITE NYLON.
K. ANY FIELD CONDUIT ROUTED A DISTANCE UNDER 200' SHALL BE 3/4" AND ANY FIELD CONDUIT ROUTED A DISTANCE GREATER THAN 200' SHALL BE 1". FOR 1" USE PVC/METAL RIGID CONDUIT.

PART 3 - EXECUTION

A. COLOR CODING OF CONDUCTORS SHALL BE AS FOLLOWS:
   1. 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.
   2. 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
   1. 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.
   2. SCHEDULE 40 PVC CONDUIT, WITH FITTINGS AND COUPLINGS APPROPRIATE FOR THE USE, SHALL BE INSTALLED UNDERGROUND OR BELOW SLABS ON GRADE.
   3. 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.

RACEWAY

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

RACETRAC, INC.
200 GALLERIA PARKWAY SOUTHEAST
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(770) 431-7600

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 DATE 03/29/22

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

GEORGIA REGISTERED No. 26720 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

ELECTRICAL NOTES, LEGENDS, AND LIGHT FIXTURE SCHEDULE

SHEET NUMBER

E001

ISSUED FOR CONSTRUCTION

ELECTRICAL EQUIPMENT SCHEDULE

ITEM NO.	QTY	DESCRIPTION	FURNISHED BY	INSTALLED BY	MANUFACTURER	VOLTAGE	PHASE	LOAD	CIRCUIT/WIRING INFO	DISCONNECT DESCRIPTION
0072	1	LOTTO TICKET TERMINAL AND PRINTER	RT	VENDOR	ALTURA VISION					-
1003	2	HAND DRYER	RT	GC	BOBRICK	120 V	1	1725 W	2#12, 1#12G IN 3/4"C	DIRECT CONNECT
2002	4	VANITY SINKS	RT	GC	KOHLER	120 V	1	VERIFY	2#12, 1#12G IN 3/4"C	DIRECT CONNECT - VIA POWER CONVERTER
2003	2	LAVATORY FOR ACCESSIBLE STALLS (HARD WIRED FAUCET)	RT	GC	ZURN	120 V	1	VERIFY	2#12, 1#12G IN 3/4"C	DIRECT CONNECT - VIA POWER CONVERTER
2004	2	URINAL	RT	GC	ZURN	120 V	1	VERIFY	2#12, 1#12G IN 1/2"C	DIRECT CONNECT - VIA POWER CONVERTER
2019	4	WATER CLOSET	RT	GC	ZURN	120 V	1	VERIFY	2#12, 1#12G IN 3/4"C	DIRECT CONNECT - VIA POWER CONVERTER
3007	3	GRANITA MACHINE	OP	VENDOR	BUNN	120 V	1	12.0 A	2#12, 1#12G IN 3/4"C	CORD & PLUG - NEMA 5-15
3008	1	CAPPUCCINO DISPENSER - 5 HEAD	OP	GC	BUNN	120 V	1	15 A	2#12, 1#12G IN 3/4"C	CORD & PLUG - NEMA 5-15 IN MILLWORK
3013	1	WATER HEATER (50 GAL - SHORT)	RT	GC	RHEEM	208 V	3	50 A	4#6, & 1#10GND., 1#10IG, IN 1" C	DIRECT CONNECT - DISCONNECT SWITCH
3017	3	BEAN TO CUP COFFEE MACHINE	RT	GC	SCHAERER	208 V	1	20 A	2#12, 1#12G IN 1/2"C	CORD & PLUG - NEMA L6-20 IN MILLWORK
3025	2	COCA COLA FREESTYLE	OP	OP	COCA COLA	120 V	1	2400	2#12, 1#12G IN 1/2"C	CORD & PLUG - NEMA 5-15 IN MILLWORK
4001	15	COOLER #1 DISPLAY DOOR	RT	GC	ANTHONY	120 V	1	VERIFY	2#12, 1#12G IN 3/4"C	DIRECT CONNECT
4161	2	ALCH-NONALCH COOLER CONDENSER	RT	GC	BOHN	208 V		8286W		DIRECT CONNECT - DISCONNECT SWITCH
4162	4	REACH IN COOLER EVAPORATOR	RT	GC	BOHN	120 V	1	2.52A	2#12, 1#12G IN 1/2"C	DIRECT CONNECT - DISCONNECT SWITCH
5002	1	INTERCOM ESCO	RT	GC	ESCO	120 V	1	VERIFY	2#12, 1#12G IN 1/2"C	VERIFY
5003	1	COMPUTER SYSTEM	RT	RT	-	120 V	1	VERIFY	2#12, 1#12G IN 1/2"C	CORD AND PLUG - NEMA 5-15
5004	1	FAX/PRINTER	RT	RT	-	120 V	1	VERIFY	2#12, 1#12G IN 1/2"C	CORD AND PLUG - NEMA 5-20
5005	1	TANK MONITOR	RT	GC	VEEDER-ROOT	120 V	1	VERIFY	2#12, 1#12G IN 3/4"C	VERIFY
5008	1	CASH DRAWER	RT	GC	APG					POWERED BY UPS
5009	3	POINT OF SALE TERMINAL	RT	RT	RADIANT					POWERED BY UPS
5010	3	POINT OF SALE SCANNER	RT	RT	MOTOROLA					POWERED BY UPS
5011	3	POINT OF SALE PRINTER	RT	RT	BIXOLON					POWERED BY UPS
5012	3	UPS POWER SUPPLY	RT	GC	ONEAC	120 V	1	VERIFY	2#12, 1#12G IN 1/2"C	CORD & PLUG - NEMA 5-15 / (120V OUTPUT)
5016	4	CIGARETTE MERCHANDISER	RT	VENDOR	IMAGEWORKS	120 V	1	VERIFY	2#12, 1#12G IN 3/4"C	VERIFY
5024	2	INTERCOM CALL BOX	RT	GC	ESCO					
5025	2	ROLLER GRILL	OP	GC	STAR	120 V	1	12.8 A	2#12, 1#12G IN 3/4"C	CORD AND PLUG - NEMA 5-15
5029	1	AUTOMATED TELLER MACHINE (ATM)	RT	GC	NCR	120 V	1	10.0 A	2#12, 1#12G IN 3/4"C	CORD AND PLUG - NEMA 5-20
5039	10	VARIABLE FREQUENCY CONTROLLER	RT	GC	FE PETRO	208 V	3	VERIFY	3#10, 1#10G IN 3/4"C	VERIFY
5041	4	SECURITY MONITORS	RT	GC	SAMSUNG	120 V	1	54W	2#12, 1#12G IN 1/2"C	CORD & PLUG - NEMA 5-15
5042	1	UNITIZED PANEL SYSTEM	RT	GC	SCHNEIDER-ELECTRIC	-	-	-	-	-
5043	1	INSTANT TICKET VENDING MACHINE (GA)	RT	GC	-	120 V	1	VERIFY		
5044	1	ICE MERCHANDISER	VENDOR	VENDOR	REDDY ICE	120 V		VERIFY	2#12, 1#12G IN 3/4"C	VERIFY
5046	1	HOT CASE	OP	GC	VENDO	120 V	1	9.2 A	2#12, 1#12G IN 3/4"C	CORD & PLUG - VERIFY
5055	1	POWER CONVERTER	RT	GC		120 V	1	2.0 A	VERIFY WITH SUPPLIER	DIRECT CONNECT
5074	3	POS BATTERY BACKUP	RT	GC	GTS	120 V	1	2.0 A	2#12, 1#12G IN 3/4"C	CORD & PLUG - NEMA 5-15 / (OUTPUT: 120V)
5098	1	PANIC BUTTON	RT	RT	HUB					POWERED BY UPS
5101	1	EMERGENCY FUEL SHUTOFF	RT	RT	-					-
5109	1	BIO BLENDING SYSTEM	RT	GC	JUNGE	120 V	1	VERIFY	2#12, 1#12G IN 3/4"C	VERIFY
5155	2	COMDATA SMART SOLUTIONS	RT	RT	COMDATA	120 V	1			POWERED BY UPS
5172	3	FLY LIGHT	RT	GC	GENIUS	120 V	1	120W		

EQUIPMENT SCHEDULE GENERAL NOTES

1. E.C. SHALL COORDINATE WITH EQUIPMENT SUPPLIER/MANUFACTURER AND PROVIDE ALL OUTLETS, CONNECTIONS AND CORD AND PLUGS SETS REQUIRED FOR COMPLETE INSTALLATION.

2. E.C. SHALL VERIFY WITH EQUIPMENT SUPPLIER/MANUFACTURER NEMA CONFIGURATION REQUIRED FOR EACH PIECE OF EQUIPMENT UTILIZING CORD AND PLUG AS A DISCONNECTING MEANS.

3. E.C. SHALL PROVIDE DISCONNECT SWITCHES PER EQUIPMENT SUPPLIER RECOMMENDATIONS, VERIFY FUSING REQUIREMENTS WITH EQUIPMENT SUPPLIER/MANUFACTURER.

RACEWAY

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RACEWAY

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PROJECT NAME

HWY 84 & GA
HWY 3 EDO

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2500 HIGHWAY 84
BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

PROJECT NUMBER

22.765.00

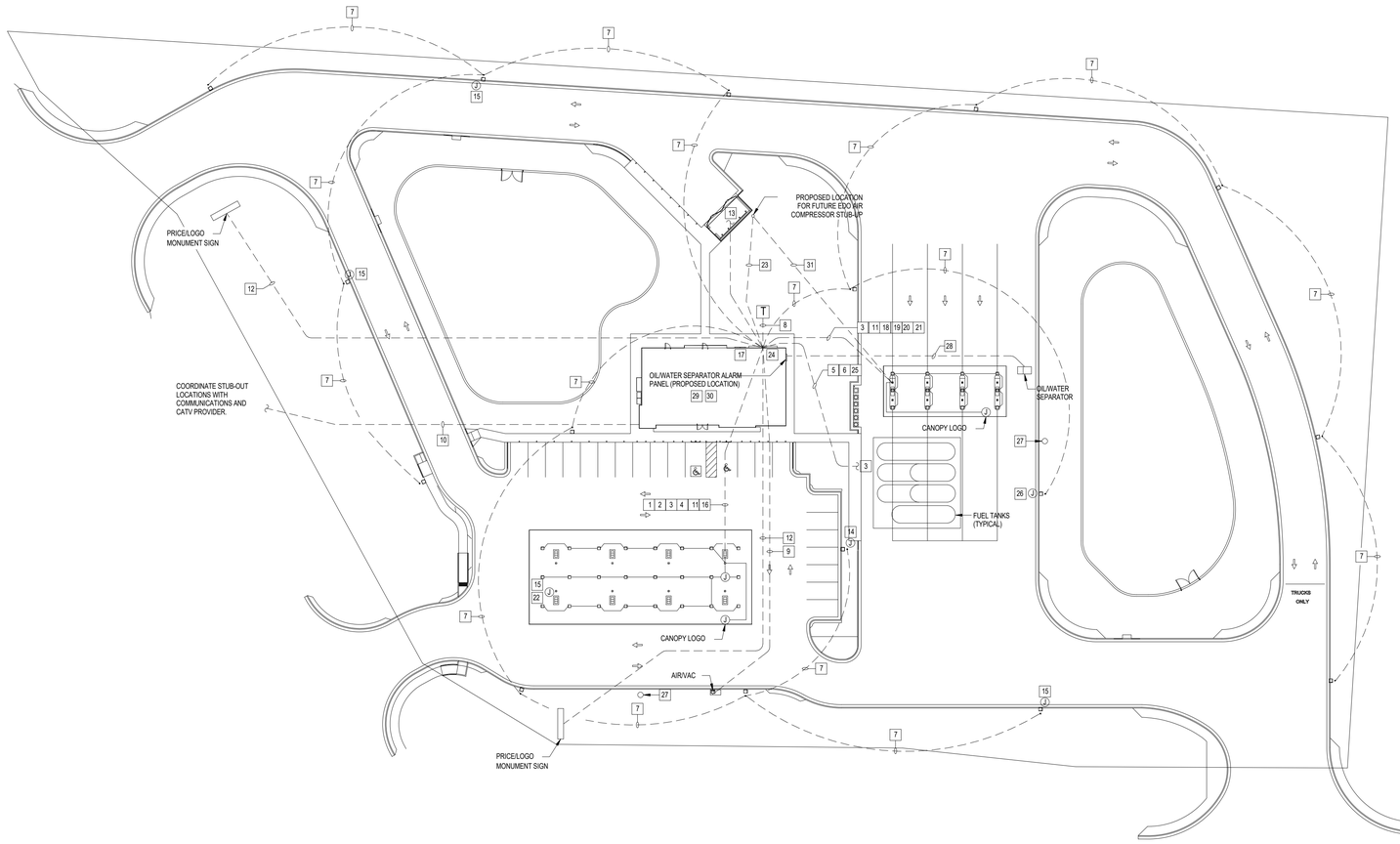
SHEET TITLE

ELECTRICAL EQUIPMENT SCHEDULE

SHEET NUMBER

E002

ISSUED FOR CONSTRUCTION



ELECTRICAL SITE PLAN

1" = 40'-0"

GENERAL NOTES
(THIS DRAWING ONLY)

1. ALL UNDERGROUND CONDUIT ORIGINATING IN A CLASSIFED AREA SHALL BE PROVIDED WITH A SEAL FITTING WITHIN 18 INCHES OF EXISTING GRADE IN A NON-CLASSIFIED AREA UNLESS OTHERWISE COVERED BY NOTE 2.
2. VERTICAL SEAL FITTINGS AT EQUIPMENT SHALL BE PROVIDED WITH AUTOMATIC DRAINS LISTED FOR USE IN CLASS 1, DIVISION 1, GROUP D LOCATIONS. APPLIES TO ALL EQUIPMENT AND LIGHTING CIRCUITS UNDER CANOPY AND AT TANKS.
3. REFER TO SITE PHOTOMETRY PLAN FOR LIGHT FIXTURE SPECIFICATIONS.
4. REFER TO PANEL SCHEDULES FOR ADDITIONAL CIRCUIT SIZING INFORMATION.
5. ROUTE ALL SITE CONDUITS NOT SERVING LIGHTS OR EQUIPMENT AT CANOPY AROUND FUELING CANOPY.
6. ANY CONDUITS UNRELATED TO THE FUEL TANK FARM MUST ROUTE AROUND THE TANK PAD AREA. UNRELATED CONDUITS ARE NOT PERMITTED IN THE TANK FARM AREA.
7. SECURITY CAMERAS MOUNTED ON LIGHT POLES SHALL BE BOX TYPE.
8. ALL DEVICES/EQUIPMENT SHOWN ON THIS PLAN ARE FED FROM THE BUILDING ELECTRICAL SERVICE.
9. ALL CONDUCTORS LISTED ON THIS SHEET SHALL BE COPPER UNLESS OTHERWISE NOTED.
10. CONDUITS SHOWN OUTSIDE OF RACEWAY PROPERTY SHOWN FOR CLARITY ONLY. ALL CONDUITS SHALL REMAIN WITHIN RACEWAY PROPERTY.
11. ANY FIELD CONDUIT ROUTED A DISTANCE UNDER 200' SHALL BE 3/4" RIGID. ANY FIELD CONDUIT ROUTED A DISTANCE GREATER THAN 200' SHALL BE 1" PVC/METAL RIGID CONDUIT. THIS NOTE SUPERSEDES KEYED NOTES.
12. CAT5E BLUE PLENUM CABLE FOR INTERIOR CAMERAS, MONITORS AND DISPLAYS.
13. CAT5E OSP (OUTSIDE PLANT) CABLE FOR EXTERIOR RUNS LESS THAN 300'.
14. GAMECHANGER CABLE FOR EXTERIOR RUNS MORE THAN 300'. WITH A MAXIMUM CAPACITY OF 2 RUNS PER 1" CONDUIT, 3-4 RUNS IN 1.5"-2" CONDUIT.

KEYED NOTES

X

1. (8) 3/4" COMMUNICATION CONDUITS SERVING FUEL DISPENSERS & (2) 1" COMMUNICATION CONDUITS FOR FUTURE. STUB OUT EACH CONDUIT WITHIN ITS DEDICATED DISPENSER SUMP.
2. PROVIDE 2#10 & 1#10G IN (8) 3/4" POWER CONDUITS SERVING FUEL DISPENSERS. STUB OUT EACH CONDUIT WITHIN ITS DEDICATED DISPENSER SUMP.
3. REFER TO FUEL DISPENSER AND "RW" TANK DRAWINGS FOR CIRCUITING INFORMATION AND DETAILS. ROUTE ADDITIONAL 3/4" GALVANIZED RIGID SPARE CONDUIT WITH PULL STRING TO EACH TRANSITION SUMP AND SUBMERSIBLE TURBINE PUMP. COORDINATE EXACT REQUIREMENTS AND LOCATIONS WITH RW PROJECT MANAGER AND TANK PLANS.
4. (6) 3/4" CONDUITS FOR CANOPY CIRCUITS. (2) DEDICATED FOR LED DOWNLIGHTS, (1) FOR CANOPY LOGO SIGN, (1) DEDICATED FOR SECURITY CABLING & (2) SPARE. PROVIDE 2#10 & 1#10G IN CONDUITS SERVING LIGHT FIXTURES & LOGO SIGN.
5. PROVIDE 2#10 & 1#10G IN (1) 3/4" GALVANIZED RIGID CONDUIT FOR OVERFILL ALARM. PROVIDE (6) 1" GALVANIZED RIGID CONDUITS WITH MANUFACTURER RECOMMENDED CABLING FOR TANK MONITORING. COORDINATE STUB-OUT LOCATION FOR OVERFILL ALARM TANK INSTALLER.
6. PROVIDE 3#10 & 1#10G IN (10) 1" GALVANIZED RIGID CONDUITS FOR SUBMERSIBLE TURBINE FUEL PUMP POWER.
7. PROVIDE 2#10 & 1#10G IN (2) 3/4" CONDUITS FOR SITE LIGHTING & RECEPTACLE CIRCUIT. PROVIDE (1) 3/4" CONDUIT WITH MANUFACTURER RECOMMENDED CABLING FOR SITE SECURITY CAMERA.
8. PROVIDE (3) SET OF 4-400KCMIL COPPER IN 3" CONDUIT EACH FOR UTILITY TRANSFORMER FEED. VERIFY FINAL LOCATION PRIOR TO ROUGH-IN.
9. PROVIDE 2#10 & 1#10G IN (1) 1" CONDUIT FOR AIR/VACUUM MACHINE.
10. (2) 4" CONDUITS FOR COMMUNICATION AND CATV. VERIFY FINAL LOCATION PRIOR TO ROUGH-IN.
11. (1) 1" CONDUIT WITH MANUFACTURER RECOMMENDED CABLING FROM VEEDER ROOT TO PUMP DISPENSER.
12. PROVIDE 2#10 & 1#10G IN (2) 3/4" CONDUITS FOR PRICE/LOGO MONUMENT SIGN. CONTRACTOR TO RUN A DEDICATED NEUTRAL AND ISOLATED GROUND WITH EACH CIRCUIT TO THE PRICE SIGN. PRICE SIGN SHALL BE GROUNDED TO THE REBAR CAGE AT THE FOOTING OF THE SIGN.
13. PROVIDE 2#12 & 1#12G IN (1) 3/4" CONDUIT FOR DUMPSTER LIGHTS AND RECEPTACLE.
14. FUEL TANKS SECURITY CAMERA. MOUNT CAMERA 14'-0" AFG ON LIGHT POLE. USE MANUFACTURERS RECOMMENDED CABLING. COORDINATE FINAL LOCATION/ORIENTATION WITH RW CONSTRUCTION PROJECT MANAGER.
15. DRIVE CUT SECURITY CAMERA. RUN BACK TO COMMUNICATION ROOM. USE MANUFACTURERS RECOMMENDED CABLING. MOUNT CAMERA 11'-0" AFG ON CANOPY COLUMN OR LIGHT POLE AS SHOWN. COORDINATE FINAL LOCATION/ORIENTATION WITH RW CONSTRUCTION PROJECT MANAGER.
16. (8) 3/4" SPARE CONDUITS WITH PULL STRING TO FUEL DISPENSERS. STUB OUT EACH CONDUIT WITHIN ITS DEDICATED DISPENSER SUMP.
17. PROVIDE (2) SETS OF 4-350KCMIL & 1#2/0G IN 3" CONDUITS EACH FROM MDP BREAKER TO GENERATOR BOX.
18. (4) 3/4" CONDUITS FOR CANOPY CIRCUITS. (1) DEDICATED FOR LED DOWNLIGHTS, (1) FOR CANOPY LOGO SIGN, & (2) SPARE. PROVIDE 2#10 & 1#10G IN CONDUITS SERVING LIGHT FIXTURES & LOGO SIGN.
19. (4) 3/4" COMMUNICATION CONDUITS SERVING FUEL DISPENSERS & (2) 1" COMMUNICATION CONDUITS FOR FUTURE. STUB OUT EACH CONDUIT WITHIN ITS DEDICATED DISPENSER SUMP.
20. PROVIDE 2#10 & 1#10G IN (4) 3/4" POWER CONDUITS SERVING FUEL DISPENSERS. STUB OUT EACH CONDUIT WITHIN ITS DEDICATED DISPENSER SUMP.
21. (4) 3/4" SPARE CONDUITS WITH PULL STRING TO FUEL DISPENSERS. STUB OUT EACH CONDUIT WITHIN ITS DEDICATED DISPENSER SUMP.
22. (1) 3/4" CONDUIT DEDICATED FOR SECURITY CABLING. ROUTE BACK TO TELECOM CLOSET.
23. PROVIDE EMPTY 1" CONDUIT WITH PULL STRING FOR FUTURE AIR COMPRESSOR. STUB-UP AND CAP CONDUIT. COORDINATE EXACT LOCATION WITH CONSTRUCTION PROJECT MANAGER PRIOR TO WORK.
24. E.C. TO PROVIDE (1) 3/4" RIGID CONDUIT WITH PULL STRING FOR LOW VOLTAGE CABLING FROM BUILDING TO JUNGE AND TO TLS PANEL. COORDINATE FINAL LOCATION WITH SYSTEM PROVIDER PRIOR TO WORK.
25. E.C. TO PROVIDE (1) 3/4" RIGID CONDUIT WITH PULL STRING FROM JUNGE TO DIESEL PUMP
26. EDO FUEL CANOPY SECURITY CAMERA. RUN BACK TO COMMUNICATION ROOM. USE MANUFACTURERS RECOMMENDED CABLING. MOUNT CAMERA 11'-0" AFG ON CANOPY COLUMN OR LIGHT POLE AS SHOWN. COORDINATE FINAL LOCATION/ORIENTATION WITH RW CONSTRUCTION PROJECT MANAGER.
27. EMERGENCY FUEL SHUTOFF (E.F.S.O) PUSHBUTTON. ROUTE 2#10 & 1#10G IN 3/4" CONDUIT FROM BUILDING EMERGENCY FUEL SHUTOFF SYSTEM TO E.F.S.O PUSHBUTTON. COORDINATE EXACT REQUIREMENTS AND LOCATION PRIOR TO WORK.
28. ROUTE (1) 3/4" CONDUIT BETWEEN OIL/WATER SEPARATOR AND ALARM PANEL FOR CONTROL WIRING. PROVIDE MANUFACTURER RECOMMENDED CABLING AS REQUIRED. COORDINATE FINAL LOCATION OF ALARM PANEL PRIOR TO WORK.
29. ROUTE (1) 3/4" CONDUIT FOR OIL/WATER SEPARATOR ALARM PANEL POWER. COORDINATE FINAL LOCATION OF ALARM PANEL PRIOR TO WORK.
30. ROUTE (1) 3/4" CONDUIT FROM OIL/WATER SEPARATOR ALARM PANEL TO DATA CLOSET. PROVIDE MANUFACTURER RECOMMENDED CABLING AS REQUIRED.
31. ROUTE (1) 4" PVC CONDUIT WITH SWEEP 90s TO EDO CANOPY FOR FUTURE AIR COMPRESSOR AIR HOSE. COORDINATE FINAL LOCATION PRIOR TO WORK.

RACEWAY
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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

GEORGIA REGISTERED No. 36270 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.

2023.02.07

PROJECT NUMBER

22.765.00

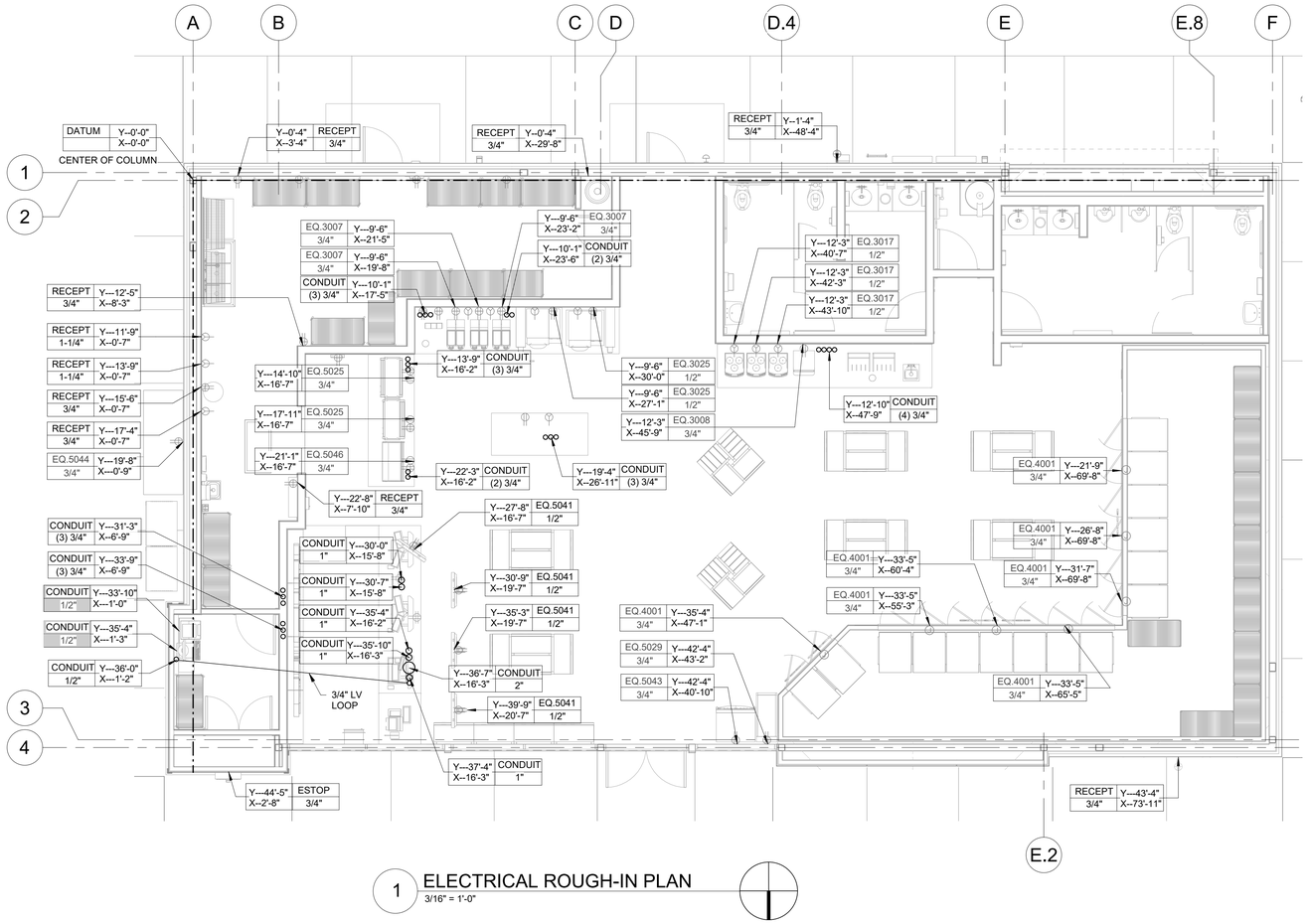
SHEET TITLE

ELECTRICAL SITE PLAN

SHEET NUMBER

E010

ISSUED FOR CONSTRUCTION



1 ELECTRICAL ROUGH-IN PLAN
3/16" = 1'-0"

APPLICABLE SPB(s): 22-0208

LEGEND

DESCRIPTION/ EQUIPMENT# — EQ. XXX — CONDUIT SIZE

Y (VERTICAL) DIMENSION FROM DATUM POINT. Y---42'-10"

X (HORIZONTAL) DIMENSION FROM DATUM POINT. X--18'-7"

CONDUIT 3" Y--42'-10" X--18'-7"

SHADED BOX INDICATED FLOOR SLAB PENETRATION.

1. WALL MOUNTED DEVICES ARE DIMENSIONED TO WALL.
2. CEILING AND FLOOR MOUNTED DEVICES AND/OR PENETRATIONS ARE DIMENSIONED TO THE CENTER OF THE DEVICE/PENETRATION.

DATUM POINT REFERENCE

X DIMENSIONS (HORIZONTAL) ARE TAKEN FROM THE CENTER LINE OF THE COLUMN INDICATED BY THE DATUM POINT.

Y DIMENSIONS (VERTICAL) ARE TAKEN FROM THE CENTER LINE OF THE COLUMN INDICATED BY THE DATUM POINT.

GENERAL NOTES

1. WHERE SHADED BOX CONTAINS EQUIPMENT DESCRIPTION "CONDUIT", MULTIPLE CIRCUITS FOR EQUIPMENT SHOWN IN ISLAND MAY BE ROUTED WITHIN EACH CONDUIT. REFER TO CIRCUIT DESIGNATIONS ON SHEET E110 FOR PANEL ROUTING OF CONDUITS.
2. ADDITIONAL CONDUIT AND WIRING SHALL BE ROUTED IN MILLWORK TO LOCATION OF FINAL ELECTRICAL CONNECTIONS AS REQUIRED.

RACEWAY

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PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL

GEORGIA REGISTERED No. 027084 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.

2023.02.07

PROJECT NUMBER
22.765.00

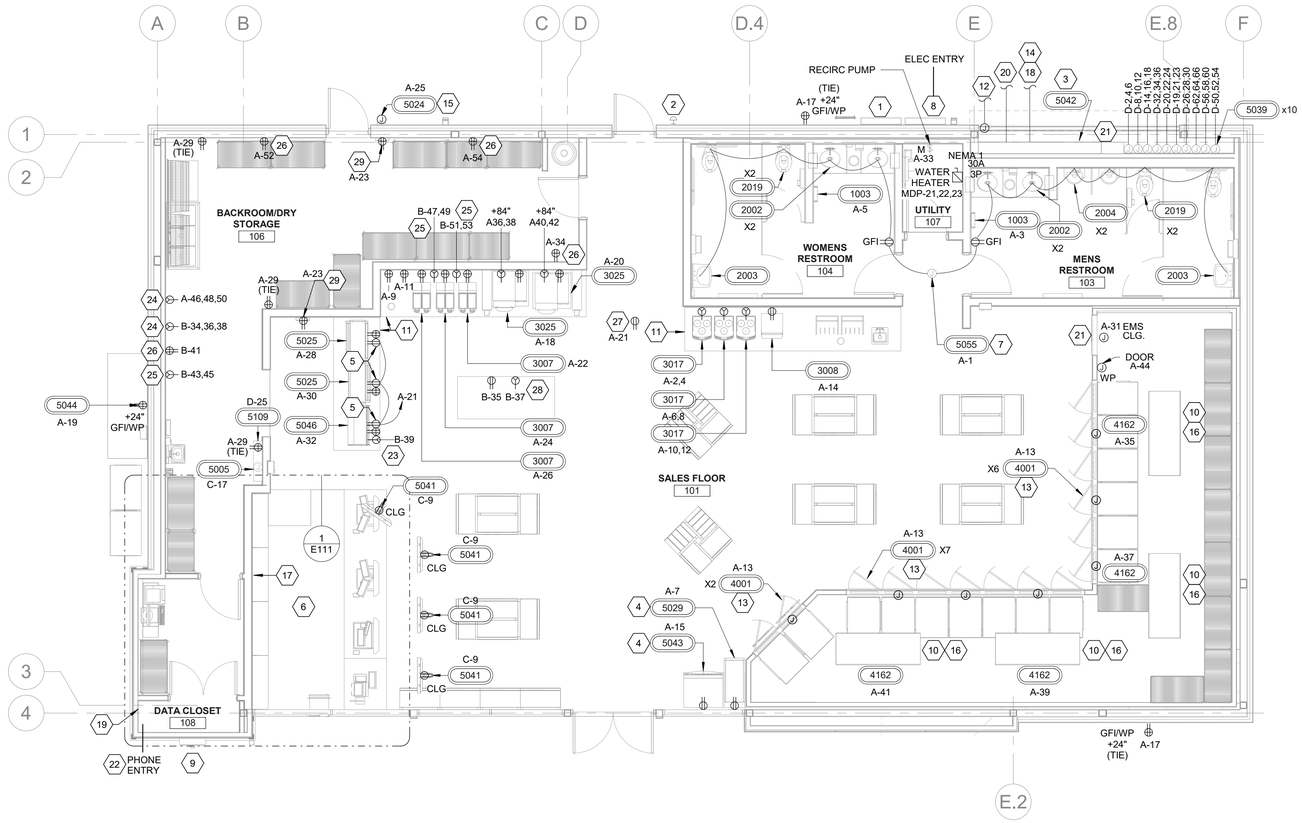
SHEET TITLE

ELECTRICAL ROUGH-IN PLAN

SHEET NUMBER

E100

ISSUED FOR CONSTRUCTION



1 POWER FLOOR PLAN

3/16" = 1'-0"

SHEET KEYNOTES

1	LOCATION OF ELECTRICAL SERVICE C/T AND METER. COORDINATE EXACT REQUIREMENTS WITH UTILITY PRIOR TO ROUGH-IN.
2	WEATHERPROOF SHUNT TRIP PUSH BUTTON IN KEYED KNOX BOX. COORDINATE WITH LOCAL AHJ FOR REQUIREMENTS AND FINAL LOCATION.
3	LOCATION OF ELECTRIC SERVICE EQUIPMENT WITH INTEGRATED FUEL DISPENSING AND LIGHTING CONTROLS, REFER TO SHEET E410 FOR REQUIREMENTS. PROVIDE 3/4" PLYWOOD BACKING, PAINTED WHITE.
4	E.C. SHALL COORDINATE COMMUNICATION CABLING REQUIREMENTS WITH SYSTEM SUPPLIER.
5	MOUNT RECEPTACLE IN CEILING FOR FUTURE SOFFIT MOUNTED TV MONITOR.
6	COORDINATE ALL ROUGH-INS AND BELOW SLAB WORK WITH OTHER TRADES TO AVOID CONFLICTS WITH FLOOR SAFE DEPRESSION SLAB.
7	POWER CONVERTER PROVIDED BY PLUMBING CONTRACTOR TO BE INSTALLED BY ELECTRICAL. PROVIDE HARDWIRE CONNECTION FROM POWER CONVERTER TO ALL PLUMBING FIXTURES IN ADJACENT RESTROOM. PROVIDE MANUFACTURER RECOMMENDED CABLE. POWER CONVERTER TO BE INSTALLED IN ACCESSIBLE AREA. FIELD VERIFY FINAL LOCATION PRIOR TO ROUGH-IN.
8	GENERATOR TAP BOX.
9	WEATHERPROOF EMERGENCY FUEL SHUT-DOWN CONTROL EM04C. MOUNT 48" AFF. PROVIDED BY RT, INSTALLED AND WIRED BY EC. REFER TO SITE PLAN FOR LOCATION.

SHEET KEYNOTES

10	COOLER/FREEZER EVAPORATOR, USE FLEX TO CONNECT TO JUNCTION BOX MOUNTED ABOVE, WIRE THRU SWITCH AS SHOWN.
11	MOUNT ALL ELECTRICAL OUTLETS UNDER MILLWORK COUNTER UNLESS NOTED OTHERWISE. OUTLETS ARE TO BE CONCEALED FROM VIEW. COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS WITH MILLWORK PROVIDER PRIOR TO ROUGH-IN.
12	TO PUMP AREA SERVICE RECEPTACLE.
13	DOOR HEATERS AND LIGHTS AS SHOWN.
14	1" SPARE CONDUIT WITH PULL STRING TO TOP OF CANOPY COLUMN AND TERMINATE IN WEATHERPROOF JUNCTION BOX.
15	RACETRAC TO PROVIDE ESCO INTERCOM MODEL SPK-1003 INTERCOM CALL BOX, CONTRACTOR TO INSTALL. ROUTE MANUFACTURER'S RECOMMENDED CABLING IN 1/2"C TO INTERCOM MASTER STATION AT CASH WRAP.
16	EVAPORATOR FED FROM ITS ASSOCIATED CONDENSING UNIT ON ROOF. ALL CONDUITS TO ROUTE DIRECTLY TO EQUIPMENT THROUGH COOLER/FREEZER CEILING PANELS. SEAL CONDUIT PENETRATION WITH 3M LATEX SEALANT CP 25WB+.
17	CHASE IN WALL CORE CONDUITS AND BRANCH CIRCUITS.
18	(ONE) 1" CONDUIT TO TOP OF CANOPY FOR FUTURE LIGHTING OR SIGNAGE WITH SEAL-OFF AND WEATHERPROOF JUNCTION BOX.
19	1-1/2" CONDUIT FOR IRRIGATION WIRES.
20	2#10 AND 1#10G IN 1" CONDUIT TO AIR/VAC STATION. REFER TO SITE PLAN FOR LOCATION.

SHEET KEYNOTES

21	PROVIDE 3/4" CONDUIT WITH PULLSTRING TO JUNCTION BOX ABOVE CEILING FOR FUTURE ENERGY MANAGEMENT SYSTEM.
22	TELEPHONE/DATA ENTRY. 4"C FOR DATA SERVICE, 4"C FOR TELEPHONE SERVICE. PROVIDE TELEPHONE BACKBOARD SQUARE 'D' #PIC27GTA GROUND BAR. RUN 1#6 BARE GROUND CONDUCTOR TO BUILDING GROUND. LEAVE 6' SLACK FOR CONNECTION BY TELCO. ROUTE 2" CONDUIT TO DATA CLOSET.
23	PROVIDE (1) NEMA 5-30 RECEPTACLE FOR FUTURE FOOD WARMER.
24	PROVIDE (1) NEMA 15-50 RECEPTACLE FOR FUTURE FRYER.
25	PROVIDE (1) NEMA 6-20 RECEPTACLE FOR FUTURE EQUIPMENT.
26	PROVIDE RECEPTACLE(S) FOR FUTURE EQUIPMENT.
27	MOUNT RECEPTACLE IN CEILING FOR FUTURE CEILING MOUNTED TV MONITOR.
28	PROVIDE (1) NEMA 5-30 RECEPTACLE FOR FUTURE EQUIPMENT.
29	PROVIDE 120V CIRCUIT FOR FLY LIGHTS. MOUNT RECEPTACLE AT 6'-0" AFF.

GENERAL NOTES

1. ALL CONVENIENCE OUTLETS SHALL BE MOUNTED AT 18" A.F.F. UNLESS OTHERWISE NOTED.
2. 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.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE SEAL-OFF FITTINGS AT EACH WALK-IN COOLER AND FREEZER PENETRATION, AND ON ALL CONDUITS TO AND FROM FUEL AREAS.
4. REFER TO EQUIPMENT KEY NOTES FOR EQUIPMENT IDENTIFICATION, DEVICE TYPES AND CIRCUIT NUMBERS.
5. E.C. RESPONSIBLE FOR ALL ELECTRICAL CONNECTIONS FOR EVAPORATORS INCLUDING LOW VOLTAGE COMMUNICATION CONNECTIONS.
6. EXTERIOR RECEPTACLES ARE TO BE RECESSED WITH BUILDING FACE.
7. ALL 150VOLT TO GROUND OR LESS, 50 AMPS OR LESS, AND 3-PHASE RECEPTACLES RATED 150V TO GROUND OR LESS, 100A OR LESS IN THE KITCHEN REQUIRED GFCI PROTECTION PER NEC 210 (B). GFCI PROTECTION IS REQUIRED ALSO WITHIN 6'-0" ANY SINK PER NEC 210.8 (B) (7).

APPLICABLE SPB(s): 22-0203, 22-0208, 22-0211

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RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

GEORGIA REGISTERED No. 36720 PROFESSIONAL ENGINEER WILLIAM S. GADDY JR.

2023.02.07

PROJECT NUMBER

22.765.00

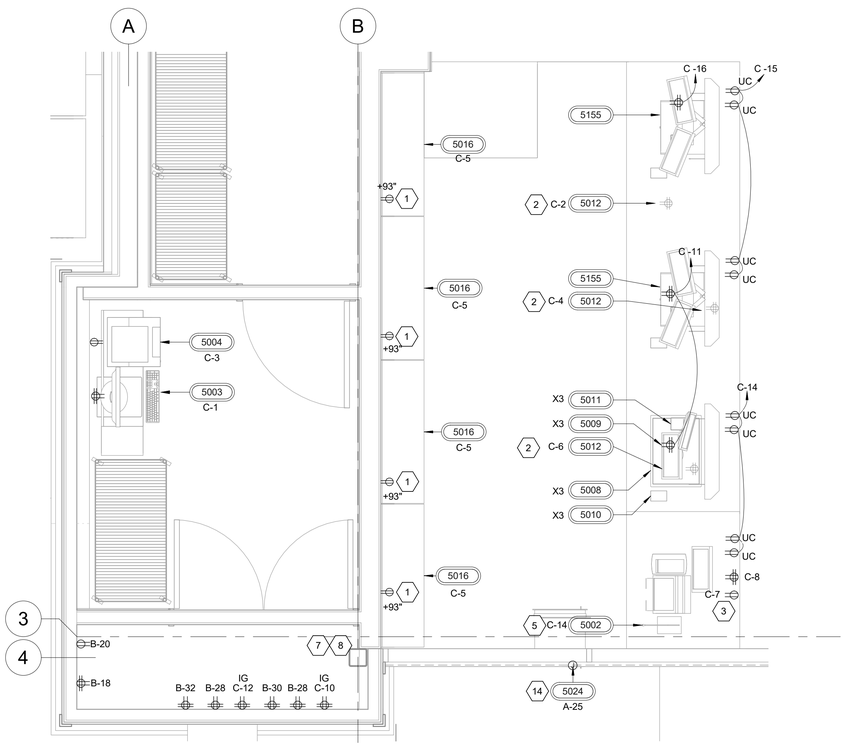
SHEET TITLE

POWER PLAN

SHEET NUMBER

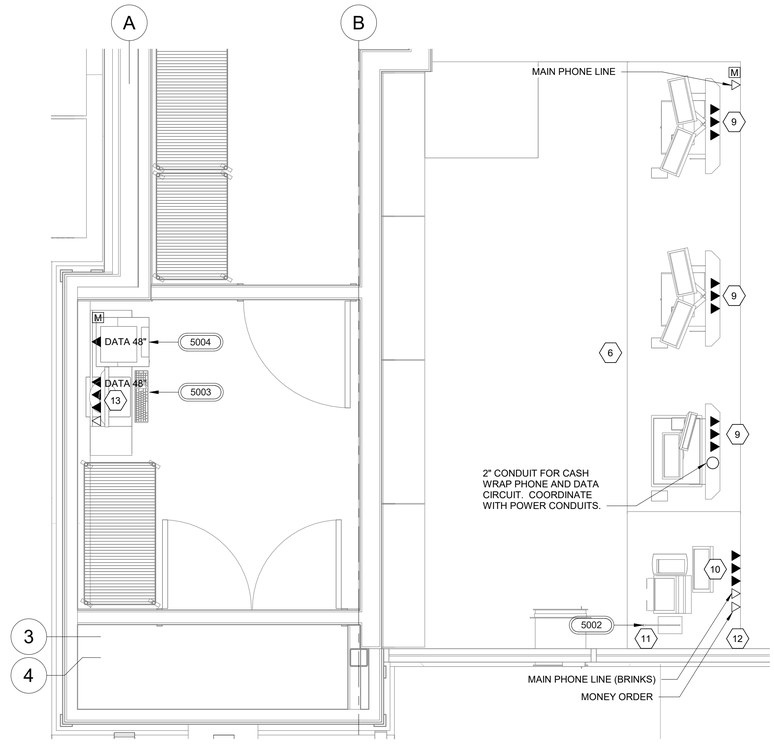
E110

ISSUED FOR CONSTRUCTION



1 ENLARGED CASH WRAP POWER PLAN

1/2" = 1'-0"



2 ENLARGED CASH WRAP LOW VOLTAGE PLAN

1/2" = 1'-0"

SHEET KEYNOTES	
1	PROVIDE DUPLEX RECEPTACLE FOR FIXTURE LIGHTING.
2	POS, UPS, DUPLEX ISOLATED GROUND RECEPTACLE.
3	MONEY ORDER MACHINE, DUPLEX I.G. RECEPTACLE.
5	INTERCOM, DUPLEX RECEPTACLE.
6	COORDINATE MOUNTING HEIGHT OF ALL POWER AND DATA DEVICES WITH INTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
7	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.
8	REFER TO DETAILS ON SHEET E600 FOR RECEPTACLE/EQUIPMENT LOCATIONS, TYPICAL.
9	PROVIDE (3) CAT5 CABLES AS REQUIRED. E.C. SHALL COORDINATE REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO WORK.
10	ELECTRICAL SUB CONTRACTOR TO INSTALL 100 FEET OF LOTTO CABLE PROVIDED BY OWNER WITH MALE DB9 CONNECTORS FROM LOTTERY MAIN CONSOLE TO SCANNER NEAR ATM.

SHEET KEYNOTES	
11	ROUTE A 1" CONDUIT OVERHEAD WITH (1) 3-PAIR AND (1) 2-PAIR WIRING FROM TELE/DATA CLOSET TO INTERMCOM (REFER TO DETAIL ON SHEET E600). THESE CABLES ARE TO BE HARD-WIRED DIRECTLY INTO THE INTERCOM CONTROL BOX.
12	PROVIDE SINGLE GANG JUNCTION BOX. ROUTE (1) 1/2" CONDUIT WITH PULL STRING TO ABOVE CEILING FOR FUTURE COMMUNICATIONS.
13	PROVIDE (3) CAT5 CABLES AND PHONE LINE AS REQUIRED. E.C. SHALL COORDINATE REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO WORK.
14	RACEWAY TO PROVIDE ESCO INTERCOM CALL BOX MODEL SPK-1003. CONTRACTOR TO INSTALL. ROUTE MANUFACTURER'S RECOMMENDED CABLING IN 1/2"C TO INTERCOM MASTER STATION AT CASH WRAP.

APPLICABLE SPB(s): 22-0211

GENERAL NOTES

1. ALL CONVENIENCE OUTLETS SHALL BE MOUNTED AT 18" AFF UNLESS NOTED OTHERWISE.
2. 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.
3. 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.

RACEWAY
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PROJECT NAME

HWY 84 & GA HWY 3 EDO

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2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

GEORGIA REGISTERED No. 36270 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.

2023.02.07

PROJECT NUMBER

22.765.00

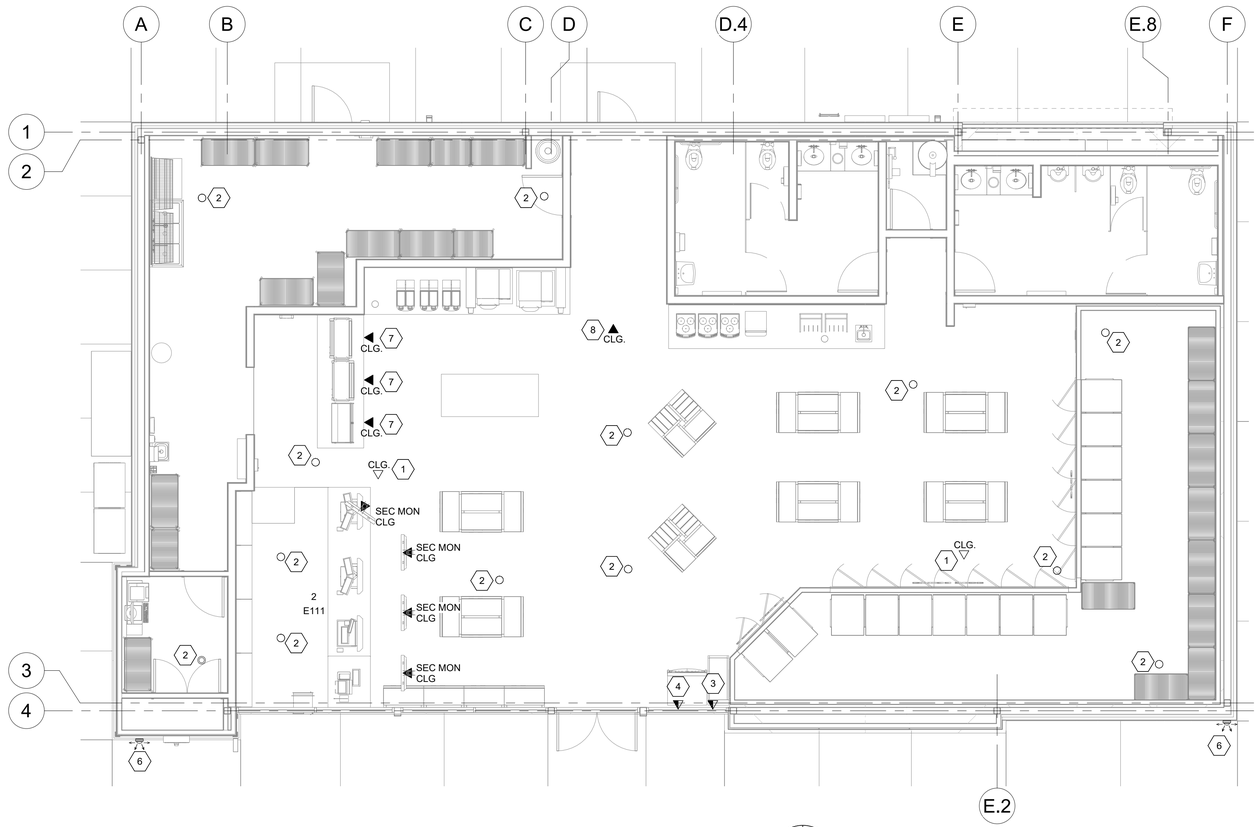
SHEET TITLE

ENLARGED POWER PLANS

SHEET NUMBER

E111

ISSUED FOR CONSTRUCTION



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

APPLICABLE SPB(s): 22-0208

SHEET KEYNOTES

1	OUTLETS LOCATED ABOVE CEILING FOR FUTURE WIRELESS ACCESS POINT.
2	MOUNT JUNCTION BOX IN CEILING FOR FUTURE SECURITY CAMERA.
3	PROVIDE MANUFACTURER RECOMMENDED CABLING BACK TO TELECOMMUNICATIONS CLOSET. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
4	PROVIDE (2) CAT5 LINES FROM ATM TO TO THE TELEPHONE BOARD/FRAME RELAY ROUTER. INSTALL RJ11 CONNECTOR ON LINE TO TELEPHONE BOARD/RJ45 CONNECTOR TO ROUTER.
5	NOTE NOT USED.
6	MOUNT SECURITY CAMERA BY GULF COAST AT 12'-0" AFG.
7	MOUNT OUTLET IN CEILING FOR SOFFIT MOUNTED TV MONITORS. COORDINATE LOCATION PRIOR TO ROUGH-IN.
8	MOUNT OUTLET IN CEILING FOR CEILING MOUNTED TV MONITOR.

GENERAL NOTES

1. 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
2. SECURITY SYSTEM AND UPS TO BE LOCATED ON SHELVING AND CONNECTED AS SHOWN ON SHEET E600.
3. ALL SECURITY SYSTEM CABLES TO BE RUN OVERHEAD IN ACCESSIBLE CEILING SPACE (BY RACEWAY VENDOR).
4. COORDINATE ALL CAMERA LOCATIONS WITH RACE TRAC BEFORE INSTALLATION.
5. 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.
6. PROVIDE MANUFACTURER RECOMMENDED CABLING TO FUEL CANOPY SECURITY CAMERA. SEE ELECTRICAL SITE PLAN FOR LOCATION.
7. 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).
8. LEVITION # 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.L
   SAFE #41008-DATA (RJ-45) WIRE STRAIGHT
   THROUGHOUT & TERMINATE @ DATA PANEL
   LABEL ALL CONNECTIONS AND PLUG 6TH CONNECTOR OPENING (NO HAND WRITTEN LABELS).

RACEWAY

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DESIGN PROFESSIONALS

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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

GEORGIA REGISTERED No. 16270 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.

2023.02.07

PROJECT NUMBER

22.765.00

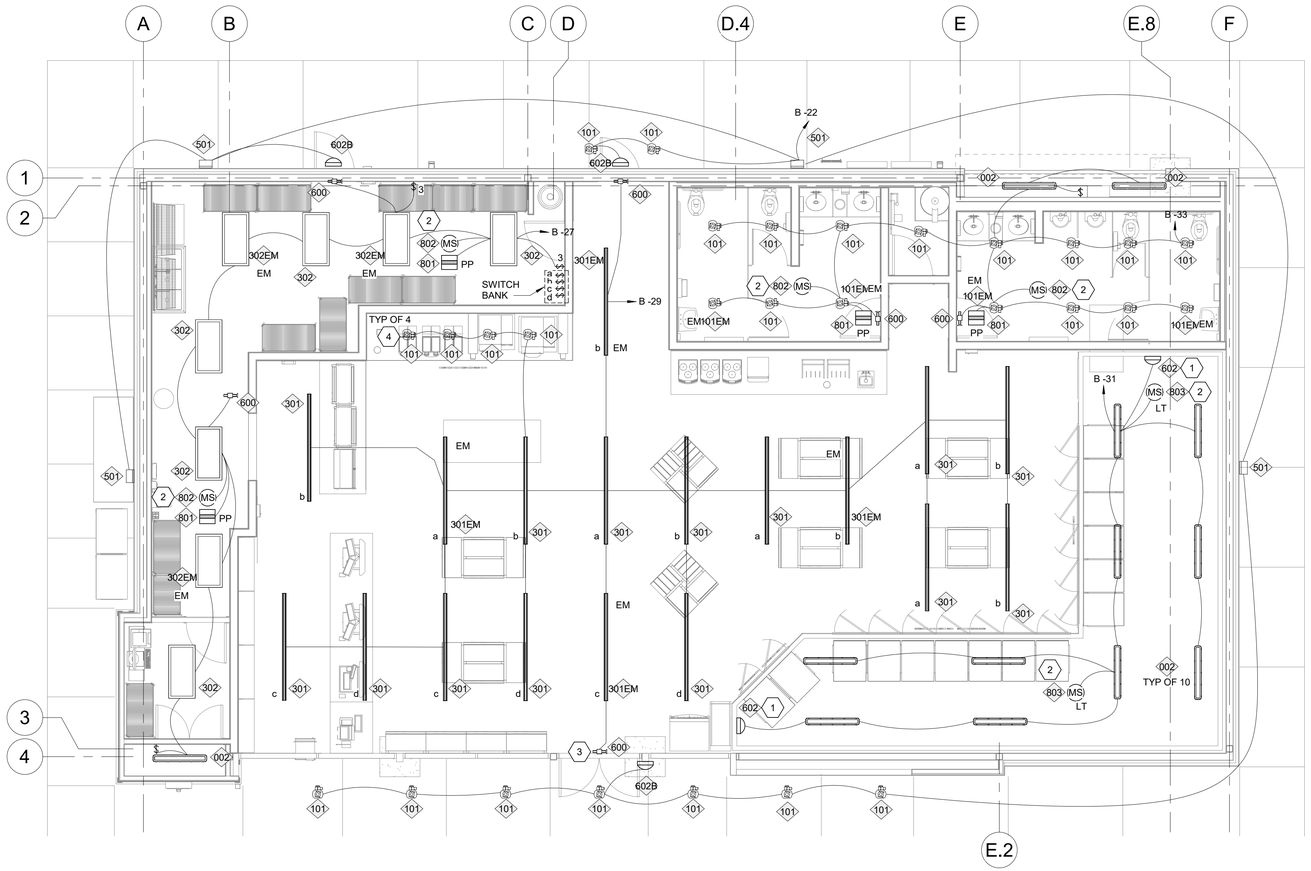
SHEET TITLE

LOW VOLTAGE PLAN

SHEET NUMBER

E120

ISSUED FOR CONSTRUCTION



1 LIGHTING PLAN
3/16" = 1'-0"

SHEET KEYNOTES

1	WALL MOUNTED EMERGENCY EGRESS FIXTURE.
2	OCCUPANCY SENSOR TO CONTROL LIGHTS.
3	EXIT SIGN SIGN TO BE WALL MOUNTED. COORDINATE WITH ARCHITECTURAL ELEVATIONS.
4	E.C. TO INSTALL LIGHT FIXTURE IN VENDOR PROVIDED SOFFIT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

GENERAL NOTES

1. 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). PROVIDE 90-MINUTE BATTERY BACK-UP WITH FIXTURE.
2. SEE LIGHT FIXTURE SCHEDULE (E001) FOR FIXTURE INFORMATION.
3. COORDINATE ALL BUILDING MOUNTED LIGHT FIXTURES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.

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PROFESSIONAL SEAL

GEORGIA REGISTERED No. 36270 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.

2023.02.07

PROJECT NUMBER
22.765.00

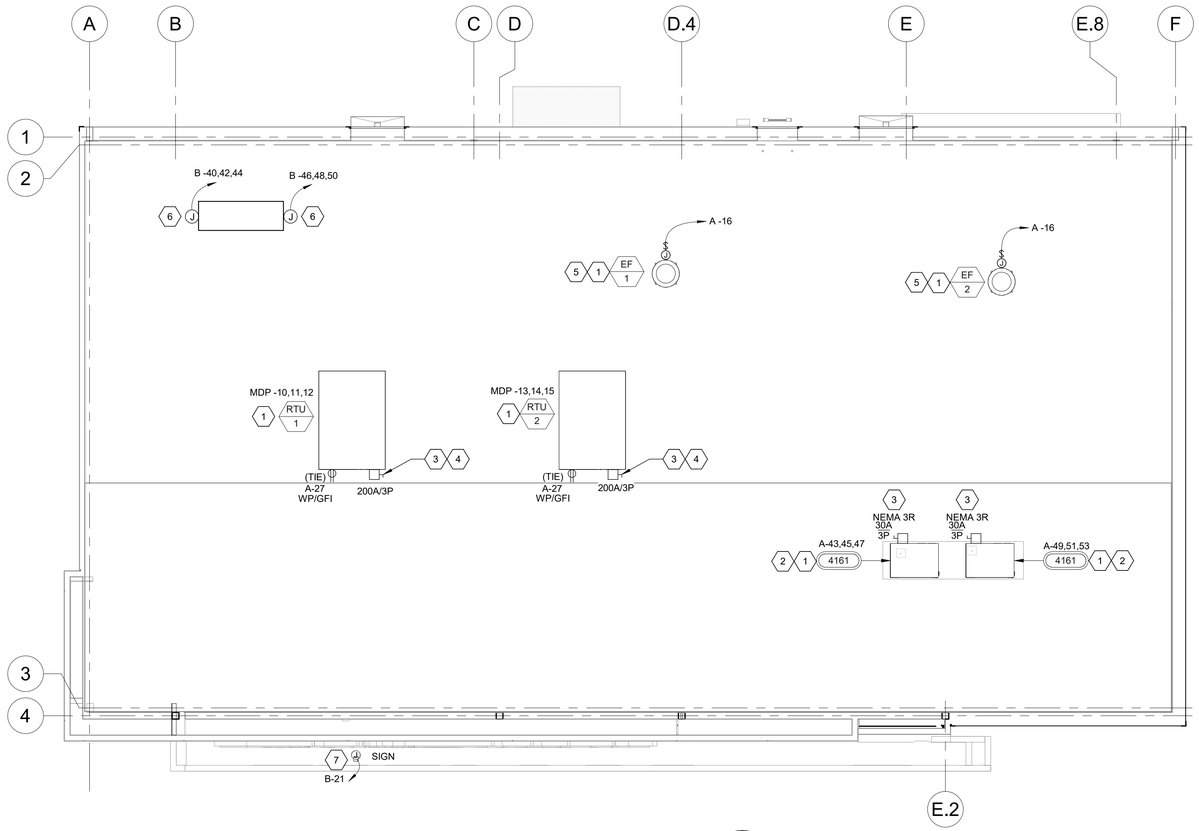
SHEET TITLE

LIGHTING PLAN

SHEET NUMBER

E150

ISSUED FOR CONSTRUCTION



1 ELECTRICAL ROOF PLAN
3/16" = 1'-0"

SHEET KEYNOTES

1	ELECTRICAL CONTRACTOR SHALL PROVIDE ALL INTERCONNECTING WIRE AND OVER CURRENT PROTECTION REQUIRED BY THE MANUFACTURER. REFER TO INSTALLATION INSTRUCTIONS.
2	ROUTE BRANCH CIRCUITS DOWN THROUGH ROOF VIA REFRIGERANT LINE ROOF JACK PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR. COORDINATE 'ATR' HUB LOCATIONS WITH ARCHITECTURAL & MECHANICAL DRAWINGS.
3	PROVIDE FUSES ACCORDING TO MANUFACTURER RECOMMENDATIONS.
4	ELECTRICAL CONTRACTOR TO INSTALL RACETRAC PROVIDED EXTERNAL MOUNTED FUSED DISCONNECT SWITCH. NEMA 3R, RK1, CURRENT LIMITING
5	EXHAUST FANS EF-1 & EF-2 SHALL BE CONTROLLED BY LIGHTING OCCUPANCY SENSOR IN RESTROOMS.
6	PROVIDE 120V CIRCUIT FOR FUTURE HOOD EXHAUST AND SUPPLY FANS.
7	ELECTRICAL JUNCTION BOX FOR BUILDING MOUNTED SIGN IS TO BE INSTALLED IN AN EASILY ACCESSIBLE LOCATION FOR WHIP CONNECTION TO SIGN. COORDINATE EXACT LOCATION WITH SIGN VENDOR PRIOR TO ROUGH-IN.

GENERAL NOTES

1. DISCONNECTS FOR HVAC EQUIPMENT FURNISHED BY RACEWAY.
2. DISCONNECTS FOR REFRIGERATION EQUIPMENT PROVIDED BY EC.
3. RECEPTACLES SHOWN ON HVAC EQUIPMENT FURNISHED BY RACEWAY. WIRING TO THE RECEPTACLES BY EC.
4. ELECTRICAL CONTRACTOR TO APPLY NAME LABELS TO COMPRESSOR HOUSINGS AFTER INSTALLATION. LABELS SUPPLIED BY RACEWAY.
5. INTERNALLY ILLUMINATED EXTERIOR SIGNAGE SHALL BE PROVIDED WITH AN ACCESSIBLE DISCONNECTING MEANS. VERIFY EACH SIGN IS FURNISHED WITH AN INTERGRAL DISCONNECT SWITCH. PROVIDE WEATERPROOF DISCONNECT SWITCH WITHIN SITE OF ALL SIGNS AS REQUIRED.

RACEWAY
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THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL



2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

ROOF POWER PLANS

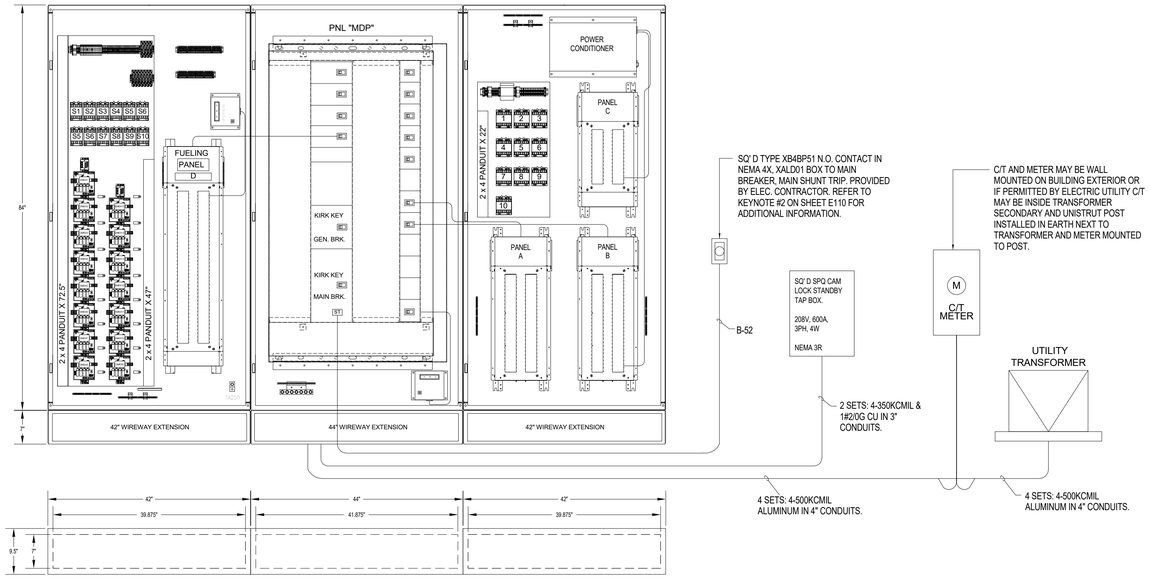
SHEET NUMBER

E200

ISSUED FOR CONSTRUCTION

CABINET INTERIOR LAYOUT

PANELBOARDS, OUTSIDE LIGHTING, DISPENSER, LOW VOLTAGE AND PUMP CONTROLS



NOTES:

1 - THE SCHNEIDER ELECTRIC INTEGRATED POWER CENTER IS INSTALLED BY THE ELECTRICAL CONTRACTOR AND FURNISHED BY THE OWNER OR AS SPECIFIED.
- THIS EQUIPMENT INCLUDES ALL SQUARE D PANELBOARDS, BREAKERS, LIGHTING CONTROLS, DISPENSER AND SUBMERSIBLE PUMP CONTROLS, PILOT LIGHTS, SWITCHES, TERMINAL STRIPS, AND LOW VOLTAGE DISCONNECT DEVICES WHICH ARE PREINSTALLED AND INTERNALLY PREWIRED.
- THE ENCLOSURE MATERIAL IS 1/8" ALUMINUM.
- THE ENTIRE BOTTOM OF CABINET IS OPEN EXCEPT FOR A 1" FLANGE ON EACH SECTION.
- THE ENTIRE TOP OF CABINET IS SOLID. HOLES CAN BE KNOCKED OUT FOR CONDUIT ENTRY EVERYWHERE EXCEPT WHERE CABINETS JOIN TOGETHER.
2 - THE METER CABINET, AND PULL SECTION EQUIPMENT LOCATED OUTSIDE THE BUILDING IS NOT A PART OF THE SQUARE D IPaCS SYSTEM IF APPLICABLE.
3 - THE SQUARE D IPaCS SYSTEM IS UL LISTED AS A COMPLETE ASSEMBLY. THE STANDARD FAULT CURRENT RATING OF THE SYSTEM IS 65,000 AIC.
4 - QUESTIONS REGARDING THE OPERATION OR INSTALLATION OF THE SQUARE D IPACS SYSTEM SHOULD BE DIRECTED O SCHNEIDER ELECTRIC - TECHNICAL SUPPORT AT 1-800-868-9662.

120/208 VOLT COLOR CHART

NOTE
BRANCH CIRCUIT WIRING DONE BY SQUARE D IPaCS WILL BE COLOR CODED
A PHASE - BLACK WIRE
B PHASE - RED WIRE
C PHASE - BLUE WIRE
ALL SINGLE PHASE WIRING IN BLACK
ALL WIRING ABOVE #10 AWG TO BE PHASE COLORED ON EACH END.

NOTE:
* BEFORE WIRING BRANCH CIRCUITS REFER TO PANELBOARD SCHEDULES TO DETERMINE THE PHASE COLORS TO BE USED.
* ALL MAIN DISCONNECT AND BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY OTHERS.

*** SPECIAL NOTE ***

WHEN BREAKER LOCKING DEVICES ARE FACTORY INSTALLED, THEY SHOULD BE INSTALLED WITH THE BREAKER IN THE "OFF" POSITION FOR SHIPMENT. IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO REMOVE THE LOCKING DEVICE, ENERGIZE THE CIRCUIT, AND INSTALL THE LOCKING DEVICE IN THE "ON" POSITION AT THE JOBSITE.

WIRING LEGEND

IPaCS FACTORY WIRING.

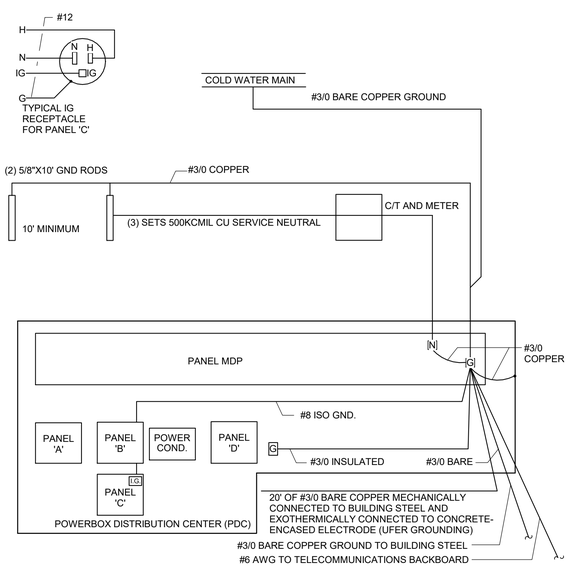
CONTRACTOR FIELD WIRING.

FACTORY PROVIDED POWER CABLES

CONNECT TO	PHASE WIRE SIZE	NEUTRAL WIRE SIZE	QTY PER PHASE
PANEL MDP TO PANEL A	3/0	3/0	1
PANEL MDP TO PANEL B	3/0	3/0	1
PANEL MDP TO PANEL D	1/0	1/0	2
PANEL MDP TO PANEL C (via POWER CONDITIONER)	#8 AWG	#8 AWG	1

2 ELECTRICAL SERVICE ELEVATION SCHEMATIC

12" = 1'-0"



1 SINGLE LINE DIAGRAM GROUNDING

N.T.S

APPLICABLE SPB(s): 22-0211

NOTES FOR THIS DRAWING

1. THE POWERWALL DISTRIBUTION CENTER (PDC) IS INSTALLED BY THE ELECTRICAL CONTRACTOR AND FURNISHED BY THE OWNER.THIS CONTROL PANEL INCLUDES ALL SQUARE 'D' PANELBOARDS, BREAKERS, LIGHTING CONTRACTORS, CONTROLS, DISPENSER, AND SUBMERSIBLE PUMP CONTROLS. PILOT LIGHTS, SWITCHES, TERMINAL STRIPS, AND PANEL 'C' POWER CONDITIONER ARE PREINSTALLED AND INTERNALLY PREWIRED.ALL CIRCUIT BREAKERS, LIGHTING CONTROLS WITH BYPASS SWITCHES, DISPENSER AND SUBMERSIBLE PUMP CONTROLS, AND REMOTE EMERGENCY STOP CONTROLS ARE PREWIRED TO TERMINAL STRIPS AT THE TOP OR BOTTOM OF THE PDC. ALL NEUTRAL BARS AND GROUND BARS ARE FURNISHED WITH THE SYSTEM. A SPECIAL ISOLATED GROUND BAR IS FURNISHED WITH PANEL 'C'. REFER TO PDC SHOP DRAWINGS FOR TERMINATION POINTS.
2. CASHIER CONTROL CENTER (CONTAINS EMERGENCY STOPS, RESET SWITCH, AND LIGHTING OVERRIDE SWITCH), AUXILIARY EMERGENCY STOPS, AND LIGHT SENSOR ARE FURNISHED WITH PDC, INSTALLED BY THE ELECTRICAL CONTRACTOR.
3. ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE SHOP DRAWINGS MUST IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
4. ELECTRICAL CONTRACTOR SHALL BALANCE THE LOAD ON EACH PHASE LEG USING THE UNUSED "AREA LIGHTS", "CANOPY LIGHTS", AND BUILDING SIGNAGE CIRCUITS (STAYING WITHIN SIMILAR BUILDING FUNCTIONS).
5. DISCONNECT SWITCHES ARE NOTED AS SIZE/FUSES (EXAMPLE: 60/40 IS 60 AMP FUSED DISCONNECT SWITCH WITH 40 AMP FUSES).
6. WIRE SIZE OF BRANCH CIRCUITS SHALL BE MINIMUM #12 AWG, BUT NO LESS THAN PERMITTED BY THE NEC FOR SPECIFIED OVERCURRENT PROTECTION.
7. ALL FEEDER CONDUCTORS NOT INTERNAL TO THE INTEGRATED PACKAGE SHOULD BE SHOWN AS DASHED, AND WIRING SHOWN DASHED IS NOT INSTALLED BY POWERWALL, AND SIZED PER NEC, BASE ON ORIGINATING BREAKER SEE APPROPRIATE PANELBOARD SCHEDULES.
8. THE PDC IS UL LISTED. STANDARD ASSEMBLY IS 65,000 AIC SERIES RATED WITH FEEDER BREAKER. EC SHALL VERIFY AVAILABLE FAULT CURRENT AND SERVICE CHARACTERISTICS WITH LOCAL ELECTRIC UTILITY COMPANY PRIOR TO ORDERING PDC.
9. THE PDC WILL BE SHIPPED IN SECTIONS ON A PALLET & BOLTED TOGETHER AT THE JOBSITE. COORDINATE WITH THE GENERAL CONTRACTOR.
10. ELECTRICAL CONTRACTOR MUST TERMINATE ALL CONTROLLED BRANCH CIRCUITS FOR LIGHTING AND FUEL CABINET. BRANCH CIRCUITS FOR UNCONTROLLED LOADS CONNECT DIRECTLY TO RESPECTIVE CIRCUIT EQUIPMENT & CONTROL WIRING AT THE TERMINAL STRIPS AT THE TOP OR BOTTOM OF THE POWERWALL BREAKERS IN THE PANELS.
11. LOCATE OUTDOOR LIGHT SENSOR ON ROOF FACING NORTH. LIGHT SENSOR CONTROL WIRING IS FURNISHED AS PART OF THE POWERWALL PACKAGE. AIM SENSOR EYE AWAY FROM ARTIFICIAL LIGHT SOURCES. INSTALL IN ACCORDANCE WITH SHOP DRAWINGS.
12. SUBMERSIBLE PUMP POWER WIRING MUST BE #10AWG. A SEPARATE #10 AWG GROUNDING CONDUCTOR MUST BE RUN FROM EACH PUMP TO PANEL 'D' GROUND BAR.
13. CIRCUIT BREAKERS FOR FLOOR RECEPTACLES SHALL BE GFI.
14. ALL BRANCH CIRCUITS FOR PANEL 'C' LOADS SHALL INCLUDE A GROUNDING CONDUCTOR AND AN ISOLATED GROUNDING CONDUCTOR, WHICH SHALL BE CONNECTED TO THE PANEL 'C' ISOLATED GROUND BAR.
15. A VARIETY OF MAIN GROUNDING METHODS ARE INDICATED. METHOD(S) SHALL BE IN ACCORDANCE WITH LOCAL REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL PERFORM A FALL OF POTENTIAL TEST, IN ACCORDANCE WITH IEEE STD. 81, TO ENSURE A MAXIMUM EARTH GROUND RESISTANCE OF 25 OHMS AS REQUIRED BY THE NEC.
16. PROVIDE 3/4" RIGID CONDUIT FROM PDC TO EACH SUBMERSIBLE TURBINE PUMP. PROVIDE WIRING IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
17. PROVIDE ALL WIRING FOR TANK MONITORING SYSTEM. WIRING SHALL BE CONTINUOUS WITH NO SPLICES. DO NOT SHARE CONDUITS WITH OTHER WIRING SYSTEMS.
18. (1) 3/4" RIGID CONDUIT TO EACH TANK GAUGE MANHOLE
19. (1) 3/4" RIGID CONDUIT TO ALL INTERSTITIAL MONITORS
20. (1) 1" RIGID CONDUIT TO EACH STP MANHOLE IN TANK SLAB
21. PROVIDE ALL WIRING FOR DISTRIBUTION BOX AND GAS CONSOLE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
22. E.C. SHALL PROVIDE LABELS ON ELECTRICAL EQUIPMENT PER NEC 110.16 AND LOCAL JURISDICTION REQUIREMENTS.
23. ELECTRICAL CONTRACTOR (EC) SHALL PROVIDE AN OUTDOOR EMERGENCY BUTTON TO KILL ALL BUILDING POWER. EC SHALL PROVIDE SHUNT TRIP KIT MA1-1021 FOR 1000/3P MAIN BREAKER. PROVIDE WEATHERPROOF EMERGENCY REMOTE CUTOFF SWITCH KNOX #KS-2P SPST KEYED PER LOCAL FIRE DEPARTMENT REQUIREMENTS. PROVIDE PERMANENT SIGN "EMERGENCY POWER DISCONNECT 1 OF 1". LOCATE ON OUTSIDE OF BUILDING PER AUTHORITIES' DIRECTION.
24. PROVIDE KIRK-KEY INTERLOCK BETWEEN MAIN BREAKER AND 600A SPARE (GENERATOR) BREAKER. ONLY ONE BREAKER SHALL BE CAPABLE OF BEING ENERGIZED AT ANY GIVEN TIME.
25. WIRING OF HVAC UNITS POWER, SMOKE DETECTION, AND CONTROL WIRING BY ELECTRICAL CONTRACTOR.

SHEET KEYNOTES

1 ROUTE (3) #10 AND (1) #10G IN 3/4" C. FROM PANEL 'D' TO VARIABLE FREQUENCY CONTROLLER (VFC). ROUTE CONDUIT/WIRE FROM VFC TO SUBMERSIBLE TURBINE PUMP SIZED PER RACEWAY PROVIDED MDM TANK DRAWINGS.

2 ROUTE (3) #10 AND (1) #10G IN 3/4" C. FROM PANEL 'D' TO VARIABLE FREQUENCY CONTROLLER (VFC). ROUTE CONDUIT/WIRE FROM VFC TO BLENDER PUMP.

3. USE OF ALUMINUM WIRE FOR THE SECONDARY SERVICE FROM THE TRANSFORMER TO THE MAIN DISTRIBUTION PANELS IN ACCORDANCE TO NEC IS ACCEPTABLE.

RACEWAY

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PROFESSIONAL SEAL



2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

ELECTRICAL RISER DIAGRAM

SHEET NUMBER

E410

ISSUED FOR CONSTRUCTION

Branch Panel: A

Location:
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:

Notes:

NOTES	CKT	Load Name	Wire Size	Trip	Poles	A		B		C		Poles	Trip	Wire Size	Load Name	CKT	NOTES
EM	1	MEN/WOMEN RR PWR CONVERTERS		20 A	1	580	1664					2	20 A		BEAN TO CUP MACHINE 1 #3017	2	GB
	3	HAND DRYER MEN'S RR		20 A	1			1725	1664							4	
	5	HAND DRYER WOMEN'S RR		20 A	1					1725	1664	2	20 A		BEAN TO CUP MACHINE 2 #3017	6	GB
GB, EM	7	ATM #5029		20 A	1	1200	1664									8	
GB	9	FUTURE BOILED PEANUTS 1		20 A	1			180	1664			2	20 A		BEAN TO CUP MACHINE 3 #3017	10	GB
GB	11	FUTURE BOILED PEANUTS 2		20 A	1					180	1664					12	
	13	COOLER DISPLAY DOOR #4138		20 A	1	90	1800					1	20 A		CAPPUCCINO DISPENSER 1 #3008	14	GB
	15	LOTTO MACHINE #5043		20 A	1			200	1056			1	20 A		EF-1 & EF-2	16	
	17	EXTERIOR BUILDING RECEPTACLES		20 A	1					360	2400	1	20 A		COKE FREESTYLE SODA FTN 1 #3025	18	GB
	19	ICE MERCHANDISER #5044		20 A	1	1200	2400					1	20 A		COKE FREESTYLE SODA FTN 2 #3025	20	GB
	21	FUTURE SIGNAGE (FOOD)		20 A	1			360	1440			1	20 A		GRANITA MACHINE 1 #3007	22	GB
	23	BOH FLY LIGHTS		20 A	1					450	1440	1	20 A		GRANITA MACHINE 2 #3007	24	GB
	25	INTERCOM CALL BOX #5024		20 A	1	800	1440					1	20 A		GRANITA MACHINE 3 #3007	26	GB
	27	ROOF RECEPTACLES		20 A	1			360	1535			1	20 A		ROLLER GRILL 1 #5025	28	GB
GB	29	BACK ROOM RECEPTACLES		20 A	1					540	1535	1	20 A		ROLLER GRILL 2 #5025	30	GB
	31	FUTURE EMS SYSTEM		20 A	1	200	1104					1	20 A		HOT CASE #5046	32	GB
	33	HWRP (RP)		20 A	1			60	180			1	20 A		FUTURE 2-DOOR COOLER	34	GB
	35	WALK-IN EVAPORATOR 1 #4162		20 A	1					302	180	2	20 A		FUTURE FREESTYLE ICE MAKER 1	36	GB
	37	WALK-IN EVAPORATOR 2 #4162		20 A	1	302	180									38	
	39	WALK-IN EVAPORATOR 3 #4162		20 A	1			302	180			2	20 A		FUTURE FREESTYLE ICE MAKER 2	40	GB
	41	WALK-IN EVAPORATOR 4 #4162		20 A	1					302	180					42	
	43	NON-ALCH COOLER CONDENSER 1 #4161		30 A	3	2762	200					1	20 A		COOLER DOOR	44	GB
	45							2762	180			3	50 A		FUTURE FRYER	46	GB
	47									2762	180					48	
	49	NON-ALCH COOLER CONDENSER 2 #4161		30 A	3	2762	180									50	
	51							2762	180			1	20 A		FUTURE 2-DOOR COOLER	52	GB
	53									2762	180	1	20 A		FUTURE 2-DOOR COOLER	54	GB
				Total Load:		20528 VA		16790 VA		18807 VA							
				Total...		174 A		140 A		159 A							

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	1056 VA	100.00%	1056 VA		
Motor	800 VA	100.00%	800 VA	**Total Conn. Load:**	56126 VA
Other	6010 VA	100.00%	6010 VA	**Total Est. Demand:**	42756 VA
Power	4790 VA	100.00%	4790 VA	**Total Conn.:**	156 A
Receptacle	5210 VA	100.00%	5210 VA	**Total Est. Demand:**	119 A
Kitchen Equipment	38200 VA	65.00%	24830 VA		
MOTORS	60 VA	100.00%	60 VA		

Notes:

Branch Panel: B

Location:
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:

Notes:

NOTES	CKT	Load Name	Wire Size	Trip	Poles	A		B		C		Poles	Trip	Wire Size	Load Name	CKT	NOTES
EM,***	1	CANOPY LIGHTS 1		20 A	2	1500	1500					2	20 A		AREA LIGHTS 1	2	EM,***
	3							1500	1500							4	
EM,***	5	CANOPY LIGHTS 2		20 A	2					1500	1500	2	20 A		AREA LIGHTS 2	6	EM,***
	7					1500	1500									8	
EM,***	9	CANOPY LIGHTS EDO		20 A	2			1500	0			1	20 A	--	SPARE	10	
	11									1500	0	1	20 A	--	SPARE	12	
***	13	EDO CANOPY LOGO		20 A	1	800	2596					2	30 A		PANEL 'C' (VIA POWER CONDITIONER)	14	P, EM
***	15	FUEL CANOPY LOGO		20 A	1			800	2880							16	
CT,***	17	PRICE/MONUMENT SIGN 1		20 A	1					1000	720	1	20 A		TELEPHONE/DATA BOARD	18	EM
CT,***	19	PRICE/MONUMENT SIGN 1		20 A	1	1000	360					1	20 A		IRRIGATION CONTROLLER	20	--
***	21	FRONT ENTRY CANOPY LOGO		20 A	1			1000	479			1	20 A		EXTERIOR BUILDING LIGHTING	22	EM,***
	23	SPARE	--	20 A	1					0	900	1	20 A		LIGHT POLE RECEPTS	24	
	25	SPARE	--	20 A	1	0	900					1	20 A		LIGHT POLE RECEPTS	26	
EM	27	KITCHEN / STORAGE LIGHTING		20 A	1			394	720			1	20 A		DATA CLOSET RECEPTACLE	28	EM
EM	29	SALES FLR / SODA BAR LIGHTING		20 A	1					1139	360	1	20 A		DATA CLOSET RECEPTACLE	30	EM
EM	31	BEVERAGE COOLER LIGHTING		20 A	1	408	360					1	20 A		DATA CLOSET RECEPTACLE	32	EM
EM	33	RESTROOM LIGHTING		20 A	1			346	180							34	
GB	35	FOOD/BEVERAGE ISLAND RECEPT		20 A	1					180	180	3	50 A		FUTURE FRYER	36	GB
GB	37	FOOD/BEVERAGE ISLAND RECEPT		30 A	1	180	180									38	
GB	39	FUTURE FOOD WARMER		30 A	1			180	793							40	
GB	41	FUTURE GRIDDLE MACHINE		20 A	1					180	793	3	20 A		FUTURE KEF-1	42	
GB	43	FUTURE COOKTOP		20 A	2	180	793									44	
	45							180	372							46	
GB	47	FUTURE ICEE MACHINE		20 A	2					180	372	3	15 A		FUTURE KSF-1	48	
	49					180	372									50	
GB	51	FUTURE ICEE MACHINE		20 A	2			180	180			1	20 A		MAIN SHUNT TRIP	52	L
	53									180	200	1	15 A		IPACS LIGHTING CONTROLS	54	L
				Total Load:		14309 VA		13184 VA		10884 VA							
				Total...		122 A		113 A		91 A							

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	23365 VA	125.00%	29206 VA		
Other	180 VA	100.00%	180 VA	**Total Conn. Load:**	38376 VA
Power	3495 VA	100.00%	3495 VA	**Total Est. Demand:**	43524 VA
Receptacle	1976 VA	100.00%	1976 VA	**Total Conn.:**	107 A
Kitchen Equipment	1980 VA	65.00%	1287 VA	**Total Est. Demand:**	121 A
MISC EQUIP	1000 VA	100.00%	1000 VA		

Notes:

Branch Panel: C

Location:
Supply From: B
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	Wire Size	Trip	Poles	A		B		Poles	Trip	Wire Size	Circuit Description	CKT	Notes
EM	1	COMPUTER SYSTEM #5003		20 A	1	360	200			1	20 A		UPS 5012 -1	2	IG, EM
EM	3	FAX PRINTER #5004		20 A	1			100	200	1	20 A		UPS 5012 -2	4	IG, EM
	5	CIGARETTE MECH #5016		20 A	1	200	200			1	20 A		UPS 5012 -3	6	IG, EM
	7	MONEY ORDER MACHINE		20 A	1			300	300	1	20 A		LOTTO RECEPTACLE #0072	8	
	9	SECURITY MONITORS (CASHWRAP)		20 A	1	216	360			1	20 A		DATA CLOSET RECEPTACLE	10	IG, EM
	11	GENERAL POS RECEPTS		20 A	1			600	360	1	20 A		DATA CLOSET RECEPTACLE	12	IG, EM
EM	13	VEEDER ROOT #5005		20 A	1	100	960			1	20 A		INTERCOM/RECEPTACLES	14	EM
EM	15	GENERAL POS RECEPTS		20 A	1			720	300	1	20 A		GENERAL POS RECEPT	16	
--	17	SPACE	--	--	1	--	--			1	--	--	SPACE	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	2	30 A		MAIN BREAKER	28	
--	29	SPACE	--	--	1	--	0							30	
				Total Load:		2596 VA		2880 VA							
				Total Amps:		25 A		27 A							

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	200 VA	125.00%	250 VA		
Receptacle	1616 VA	100.00%	1616 VA	**Total Conn. Load:**	5476 VA
				Total Est. Demand:	5526 VA
				Total Conn.:	26 A
				Total Est. Demand:	27 A

Notes:

APPLICABLE SPB(s): 22-0208, 22-0211

EQUIPMENT SCHEDULE GENERAL NOTES

L - CIRCUIT REQUIRES A BREAKER LOCKING DEVICE.

P - CIRCUIT IS PREWIRED BY POWER WALL PRE-FABRICATOR TO ITS POINT OF UTILIZATION WITHIN THE POWER WALL.

D - PREWIRED FROM BREAKER THRU CONTACTOR TO TERMINAL STRIP. CONTACTOR IS CONTROLLED BY THE MP/DISPENSER CONTROL SYSTEM.

IG - ISOLATED GROUND

M - MOTOR OVERLOAD PROTECTION IS TO BE INTEGRAL TO MOTOR OR PROVIDED BY OTHERS. MOTOR OVERLOAD PROTECTION IS NOT PROVIDED BY PRE-FABRICATOR.

GB - CIRCUIT REQUIRES A GROUND FAULT (GFCI) BREAKER.

GBE - CIRCUIT REQUIRES A EQUIPMENT GROUND FAULT (GFCI) BREAKER (30ma).

GR - CIRCUIT REQUIRES A GROUND FAULT (GFCI) RECEPTACLE.

EM - (ADJACENT TO PANEL CIRCUIT NUMBERS) DENOTES EACH CIRCUIT THAT SHALL BE OPERATIONAL WHEN THE EMERGENCY GENERATOR IS IN USE. ALL OTHER CIRCUIT BREAKERS SHALL BE SWITCHED "OFF", AND THE PANEL DOORS SHALL BE CLOSED AND LOCKED.

-ALL WORK PERTAINING TO THE CONNECTION AND OPERATION OF THE PORTABLE EMERGENCY GENERATOR SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR. THIS INCLUDES THE SWITCHED "OFF", AND PROTECTION OF ALL CIRCUIT BREAKERS NOT DESIGNATED 'EM' ON THE PANEL SCHEDULES.

CIRCUITS SHOWN WITH (***) ARE CONTROLLED LIGHTING CIRCUITS. REFER TO SHEET E001 FOR CONTACTOR SCHEDULE.

MAXIMUM 4800 WATTS PER 208 VOLT, 30 AMP LIGHTING CIRCUIT.
MAXIMUM 1800 WATTS PER 120 VOLT, 20 AMP LIGHTING CIRCUIT.

VERIFY BREAKER SIZE AND LOAD WITH MANUFACTURER'S LITERATURE IN FIELD.

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

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

PROJECT NAME
HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 **DATE** 03/29/22

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
GEORGIA REGISTERED No. 027880 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE
ELECTRICAL PANEL SCHEDULES

SHEET NUMBER
E430

ISSUED FOR CONSTRUCTION

Branch Panel: D

Location:
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: 400 A
MCB Rating:

Notes:

Notes	CKT	Circuit Description	Wire Size	Trip	Poles	A	B	C	Poles	Trip	Wire Size	Circuit Description	CKT	Notes
L	1	DISPENSER CONTROLS		15 A	1	200 1801							2	
D, EM	3	MDP-1		20 A	1		200 1801		3	30 A		STP REGULAR #1 (4HP)	4	D,M,E M
D, EM	5	MDP-2		20 A	1			200 1801					6	
D, EM	7	MDP-3		20 A	1	200 1801							8	
D, EM	9	MDP-4		20 A	1		200 1801		3	30 A		STP REGULAR #2 (4HP)	10	D,M,E M
D, EM	11	MDP-5		20 A	1			200 1801					12	
D, EM	13	MDP-6		20 A	1	200 841							14	
D, EM	15	MDP-7		20 A	1		200 841		3	20 A		STP PREMIUM (2HP)	16	D,M,E M
D, EM	17	MDP-8		20 A	1			200 841					18	
D,M,E M	19					841 841							20	
	21	STP B100 (2HP)		20 A	3		841 841		3	20 A		STP DIESEL A (2HP)	22	D,M,E M
	23							841 841					24	
EM	25	JUNGE POWER		20 A	1	600 1801							26	
EM	27	OIL/WATER SEPARATOR ALARM		20 A	1		200 1801		3	30 A		STP DIESEL B (4HP)	28	D,M,E M
--	29	SPACE	--	--	1			-- 1801					30	
--	31	SPACE	--	--	1	-- 841							32	
--	33	SPACE	--	--	1		-- 841		3	20 A		STP E85 (2HP)	34	D,M,E M
--	35	SPACE	--	--	1			-- 841					36	
--	37	SPACE	--	--	1	-- --			1	--	--	SPACE	38	--
--	39	SPACE	--	--	1		-- --		1	--	--	SPACE	40	--
--	41	SPACE	--	--	1			-- --	1	--	--	SPACE	42	--
--	43	SPACE	--	--	1	-- --			1	--	--	SPACE	44	--
--	45	SPACE	--	--	1		-- --		1	--	--	SPACE	46	--
--	47	SPACE	--	--	1			-- --	1	--	--	SPACE	48	--
D, EM	49	EDO - MDP-1		20 A	1	200 1801							50	
D, EM	51	EDO - MDP-2		20 A	1		200 1801		3	30 A		EDO - STP B20-1 (4HP)	52	D,M,E M
D, EM	53	EDO - MDP-3		20 A	1			200 1801					54	
D, EM	55	EDO - MDP-4		20 A	1	200 1801							56	
--	57	SPACE	--	--	1		-- 1801		3	30 A		EDO - STP B20-2 (4HP)	58	D,M,E M
--	59	SPACE	--	--	1			-- 1801					60	
--	61	SPACE	--	--	1	-- 841							62	
--	63	SPACE	--	--	1		-- 841		3	20 A		EDO - STP DEF (2HP)	64	D,M,E M
--	65	SPACE	--	--	1			-- 841					66	
	67					180 0							68	
	69	FUTURE EDO AIR COMPRESSOR		60 A	3		180 0		3	30 A		TVSS	70	
	71							180 0					72	
				Total Load:		14991 VA	14391 VA	14191 VA						
				Total...		125 A	120 A	118 A						

Lege...

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	0 VA	0.00%	0 VA		
Power	42973 VA	100.00%	42973 VA	**Total Conn. Load:**	43573 VA
Receptacle	600 VA	100.00%	600 VA	**Total Est. Demand:**	43573 VA
				Total Conn.:	121 A
				Total Est. Demand:	121 A

Notes:

MAIN DISTRIBUTION PANEL: MDP

Location:
Supply From:
Mounting: PRE-FABRICATED
Enclosure: PRE-FABRICATED

Volts: 120/208 Wye
Phase... 3
Wires: 4

A.I.C. Rating: 65,000 SERIES RATED
Mains Type: MCB 100% RATED
Mains Rating: 1000 A
MCB Rating:

Notes	CKT	Circuit Description	Circuit Information	Trip	Poles	Wire Size	A	B	C
	1						20528 VA		
P	2	PANEL A	4#3/0, & 1#6GND., INTERNALLY PRE-WIRED FACTORY INSTALLED	200 A	3			16790 VA	
	3								18807 VA
	4						14309 VA		
P	5	PANEL B	4#3/0, & 1#6GND., INTERNALLY PRE-WIRED FACTORY INSTALLED	200 A	3			13184 VA	
	6								10884 VA
	7						14991 VA		
P	8	PANEL D	(2) SETS 4#1/0, & 1#3GND., INTERNALLY PRE-WIRED FACTORY INSTALLED	300 A	3			14391 VA	
	9								14191 VA
	10						12201 VA		
	11	RTU 1	3#1, & 1#6GND., IN 1-1/4" CONDUIT	150 A	3			12201 VA	
	12								12201 VA
	13						12201 VA		
	14	RTU-2	3#1, & 1#6GND., IN 1-1/4" CONDUIT	150 A	3			12201 VA	
	15								12201 VA
	16						6000 VA		
	17	WATER HEATER #3013	4#6, & 1#10GND., IN 1" CONDUIT	70 A	3			6000 VA	
	18								6000 VA
--	19	SPACE		--	1	--	--		
--	20	SPACE		--	1	--		--	
--	21	SPACE		--	1	--			--
--	22	SPACE		--	1	--	--		
--	23	SPACE		--	1	--		--	
--	24	SPACE		--	1	--			--
--	25	SPACE		--	1	--	--		
--	26	SPACE		--	1	--		--	
--	27	SPACE		--	1	--			--
--	28	SPACE		--	1	--	--		
--	29	SPACE		--	1	--		--	
--	30	SPACE		--	1	--			--
--	31	SPACE		--	1	--	--		
--	32	SPACE		--	1	--		--	
	33								0 VA
	34	FUTURE TRASH DISCONNECT SWITCH	3#10 & 1#10GD., IN 1" CONDUIT	20 A	3		0 VA		
	35							0 VA	
--	36	SPACE		--	1	--			--
--	37	SPACE		--	1	--	--		
--	38	SPACE		--	1	--		--	
--	39	SPACE		--	1	--			--
--	40	SPACE		--	1	--	--		
--	41	SPACE		--	1	--		--	
--	42	SPACE		--	1	--			--
--	43	SPACE		--	1	--	--		
--	44	SPACE		--	1	--		--	
--	45	SPACE		--	1	--			--
	46						0 VA		
	47	GENERATOR CONNECTION BOX	(2) SETS 4#350KCMIL, & 1#2/0GND., IN 3" CONDUIT (KIRK KEY INTERLOCK)	600 A	3			0 VA	
	48								0 VA
	49						0 VA		
	50	MAIN BREAKER	REFER TO ELETRICAL SERVICE SCHEMATIC ELEVATION FOR SERVICE CONDUCTORS	1000 A	3			0 VA	
	51								0 VA
	52						0 VA		
	53	TVSS	3#10 & 1#10GND., IN 3/4" CONDUIT	30 A	3			0 VA	
	54								0 VA
				Total Load:			80230 VA	74767 VA	74283 VA
				Total Amps:			669 A	624 A	619 A

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals	
HVAC	92262 VA	100.00%	92262 VA		
Lighting	23365 VA	125.00%	29206 VA	**Total Conn. Load:**	229280 VA
Motor	800 VA	100.00%	800 VA	**Total Est. Demand:**	221058 VA
Other	6190 VA	100.00%	6190 VA	**Total Conn. Current:**	636 A
Power	51258 VA	100.00%	51258 VA	**Total Est. Demand Current:**	614 A
Receptacle	7786 VA	100.00%	7786 VA		
Kitchen Equipment	40180 VA	65.00%	26117 VA		
MISC EQUIP	1000 VA	100.00%	1000 VA		
MOTORS	60 VA	100.00%	60 VA		

Notes:

APPLICABLE SPB(s): 22-0211

EQUIPMENT SCHEDULE GENERAL NOTES

L - CIRCUIT REQUIRES A BREAKER LOCKING DEVICE.

P - CIRCUIT IS PREWIRED BY POWER WALL PRE-FABRICATOR TO ITS POINT OF UTILIZATION WITHIN THE POWER WALL.

D - PREWIRED FROM BREAKER THRU CONTACTOR TO TERMINAL STRIP, CONTACTOR IS CONTROLLED BY THE MP/DISPENSER CONTROL SYSTEM.

IG - ISOLATED GROUND

M - MOTOR OVERLOAD PROTECTION IS TO BE INTEGRAL TO MOTOR OR PROVIDED BY OTHERS. MOTOR OVERLOAD PROTECTION IS NOT PROVIDED BY PRE-FABRICATOR.

GB - CIRCUIT REQUIRES A GROUND FAULT (GFCI) BREAKER.

GBE - CIRCUIT REQUIRES A EQUIPMENT GROUND FAULT (GFCI) BREAKER (30ma).

GR - CIRCUIT REQUIRES A GROUND FAULT (GFCI) RECEPTACLE.

EM - (ADJACENT TO PANEL CIRCUIT NUMBERS) DENOTES EACH CIRCUIT THAT SHALL BE OPERATIONAL WHEN THE EMERGENCY GENERATOR IS IN USE. ALL OTHER CIRCUIT BREAKERS SHALL BE SWITCHED "OFF", AND THE PANEL DOORS SHALL BE CLOSED AND LOCKED.

-ALL WORK PERTAINING TO THE CONNECTION AND OPERATION OF THE PORTABLE EMERGENCY GENERATOR SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR. THIS INCLUDES THE SWITCHED "OFF", AND PROTECTION OF ALL CIRCUIT BREAKERS NOT DESIGNATED 'EM' ON THE PANEL SCHEDULES.

CIRCUITS SHOWN WITH (***) ARE CONTROLLED LIGHTING CIRCUITS. REFER TO SHEET E001 FOR CONTACTOR SCHEDULE.

MAXIMUM 4800 WATTS PER 208 VOLT, 30 AMP LIGHTING CIRCUIT.
MAXIMUM 1800 WATTS PER 120 VOLT, 20 AMP LIGHTING CIRCUIT.

VERIFY BREAKER SIZE AND LOAD WITH MANUFACTURER'S LITERATURE IN FIELD.

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

PROJECT NUMBER

22.765.00

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NUMBER

E431

ISSUED FOR CONSTRUCTION

PRESSURIZED LINE LEAK DETECTION

VARIABLE SPEED "SMART" CONTROLLERS

TYPICAL TANK MONITOR

SEE NOTE 1 2

NC NO C

SUBMERSIBLE TURBINE SHUTDOWN TANK MONITOR

CIRCUIT BREAKERS INSTALLED IN FUEL PANEL BY SQUARE D IPaCS

LOCATED IN SQUARE D IPaCS FUELING CONTROLS SECTION

VARIABLE SPEED "SMART" CONTROLLERS

POWER FROM CIRCUIT BREAKERS

POWER CONTROL CONTACTORS

SUBMERSIBLE PUMP CONTROLLERS

SUBMERSIBLE TURBINE PUMPS

3P/20A BREAKER

TO GROUND BAR

S1 S2 S3 S4 S5 S6

L1 L2 L3 G

HOOK

N

M1 M2 M3 G

M1 M2 M3 GND

REGULAR-1	DIESEL A	PREMIUM	E85	REGULAR-2	FUTURE PRODUCT
STAND ALONE CONFIGURATION VARIABLE SPEED STP	STAND ALONE CONFIGURATION VARIABLE SPEED STP	STAND ALONE CONFIGURATION VARIABLE SPEED STP	STAND ALONE CONFIGURATION VARIABLE SPEED STP	STAND ALONE CONFIGURATION VARIABLE SPEED STP	STAND ALONE CONFIGURATION VARIABLE SPEED STP

(TERMINAL LP MUST BE JUMPED TO THE "B" TERMINAL FOR EACH STP)

N 1A 2A 3A 4A 5A 6A

SEE NOTE 3

TO DISPENSER/PUMP CONTROLS LOCATED IN IPaCS PDC ENCLOSURE

DISPENSER/PUMP CONTROLS
TERMINAL STRIP CONNECTION CHART

N	NEUTRAL CONNECTION TO SUBMERSIBLE PUMP CONTROLLERS
G	GROUND CONNECTION
LP	120V LINE PRESSURE POWER (OFF DURING EMERGENCY STOP)
1A	PRODUCT #1 PUMP AUTHORIZATION FROM DISPENSER
1B	PRODUCT #1 PUMP CONTRACTOR CONTROL POWER (IN SQUARE D IPaCS PDC)
2A	PRODUCT #2 PUMP AUTHORIZATION FROM DISPENSER
2B	PRODUCT #2 PUMP CONTRACTOR CONTROL POWER (IN SQUARE D IPaCS PDC)
3A	PRODUCT #3 PUMP AUTHORIZATION FROM DISPENSER
3B	PRODUCT #3 PUMP CONTRACTOR CONTROL POWER (IN SQUARE D IPaCS PDC)
4A	PRODUCT #4 PUMP AUTHORIZATION FROM DISPENSER
4B	PRODUCT #4 PUMP CONTRACTOR CONTROL POWER (IN SQUARE D IPaCS PDC)
5A	PRODUCT #5 PUMP AUTHORIZATION FROM DISPENSER
5B	PRODUCT #5 PUMP CONTRACTOR CONTROL POWER (IN SQUARE D IPaCS PDC)
6A	PRODUCT #6 PUMP AUTHORIZATION FROM DISPENSER
6B	PRODUCT #6 PUMP CONTRACTOR CONTROL POWER (IN SQUARE D IPaCS PDC)

GENERAL NOTES:

1. REFER TO TANK MONITOR MANUAL FOR ALL WIRING CONNECTIONS AND OTHER SPECIFICATIONS REQUIRED BY MANUFACTURER.
2. THE TANK MONITOR IS TYPICALLY INSTALLED IN THE IPaCS PDC ENCLOSURE.
3. THE TERMINAL STRIP SHOWN IS FOR THE STANDARD DM-EX DESIGN. THE STANDARD DM-EX DESIGN MAY BE CUSTOMIZED FOR ADDITIONAL PUMP DEVICES, THERE BY ALTERING THE STANDARD DESIGN SHOWN. PLEASE REFER TO ALL INFORMATION TO DETERMINE THE NUMBER OF DEVICES FOR EACH JOB LOCATION.

2 TANK MONITOR/LINE PRESSURE OPTION WITH VARIABLE SPEED "SMART" CONTROLLER

N.T.S.

DISPENSER NUMBERING STANDARD (MAIN)

BACK

STORE

FRONT

DISPENSER #		11		9		7		5		3		1							
FUEL POSITION #	22		21		18		17		14		13		10		9		6		5		2		1
DISPENSER #		12		10		8		6		4		2							
FUEL POSITION #	24		23		20		19		16		15		12		11		8		7		4		3

DISPENSER WIRING STANDARD TABLE

IPaCS Terminal Strip Label	Field Wire Color Code (Proposed)	Description
H	Black	Hot Wire To MPD (120 Volt)
N	White	Neutral Wire To MPD
HL	Blue	Power to LLVD
1	Yellow	Pump #1 Authorization Signal
2	Brown	Pump #2 Authorization Signal
3	Orange	Pump #3 Authorization Signal
4	Red	Pump #4 Authorization Signal
5	Gray	Pump #5 Authorization Signal
6	Purple	Pump #6 Authorization Signal
Ground Bar	Green	Ground Wire For MPD

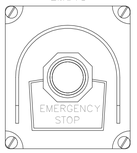
SUBMERSIBLE PUMP NUMBERING STANDARD

Pump Number	Serves
Pump #1	"Unleaded #1" Submersible Pump
Pump #2	"Diesel A" Submersible Pump
Pump #3	"Premium or 92" Submersible Pump
Pump #4	"E-85" Submersible Pump
Pump #5	"Unleaded #2" Submersible Pump
Pump #6	"DIESEL B" Submersible Pump

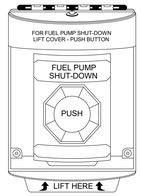
3 DISPENSER & PUMP NUMBERING & WIRING STANDARD

N.T.S.

REMOTE PUSH EMERGENCY STOP EM01G



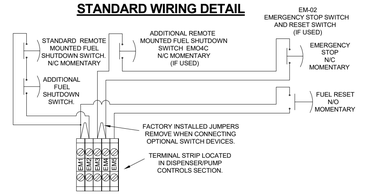
REMOTE EMERGENCY STOP SWITCH EM04C



EM-02 EMERGENCY STOP SWITCH AND RESET SWITCH



STANDARD WIRING DETAIL

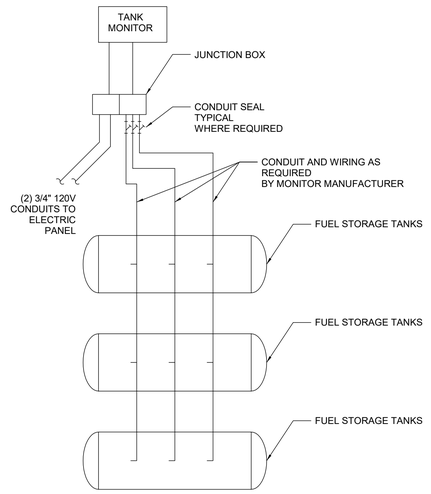


NOTES:

1. THE FUEL SHUTDOWN FUNCTION DISCONNECTS POWER TO ALL PUMPS AND ALL DISPENSERS. (BOTH HOT AND NEUTRAL CONDUCTORS).
2. ADDITIONAL REMOTE SHUTDOWNS ARE AVAILABLE (I.E. OUTDOOR AND CASHIER LOCATIONS).
3. THE FUEL SHUTDOWN CONTROLS ARE FURNISHED BY OWNER & INSTALLED BY E.C.
4. ALL FIELD WIRING TERMINALS MUST BE WIRED WITH A MINIMUM INSULATION RATING OF 60°C IF CIRCUIT IS RATED LESS THAN 100 AMPS OR A MINIMUM INSULATION RATING OF 75°C IC CIRCUIT IS RATED OVER 100 AMPS. FIELD WIRING INDICATED BY A DASHED LINE.
5. MAIN AND BRANCH CIRCUITS PROTECTED BY OTHERS.

4 EMERGENCY STOP WIRING SWITCH DETAIL

1/4" = 1'-0"



1 TANK MONITORING SCHEMATIC DIAGRAM

N.T.S.

RACEWAY

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

RACEWAY

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

PROJECT NAME

HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

#1581

PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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



2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

CONTROL DIAGRAMS

SHEET NUMBER

E500

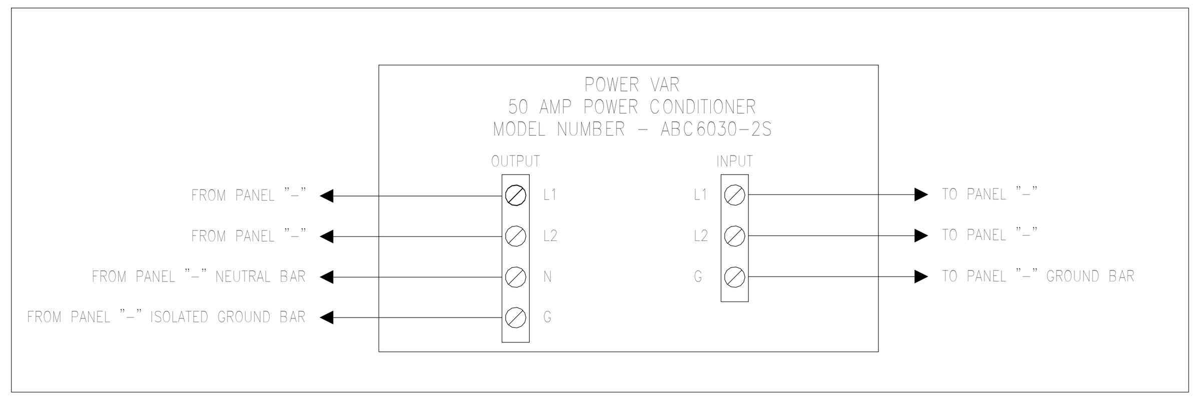
ISSUED FOR CONSTRUCTION

SUBMERSIBLE PUMP EQUIPMENT SCHEDULE

EQUIPMENT	VOLTAGE	CONTACTOR NUMBER	AMPS	CIRCUIT INFO PNL.	CIRCUIT INFO CKT.	OUT PUT
STP-1 (REGULAR 87-1)	208 V	1	VERIFY	D	2,4,6	S1
STP-2 (REGULAR 87-2)	208 V	2	VERIFY	D	8,10,12	S2
STP-3 (PREMIUM)	208 V	3	VERIFY	D	14,16,18	S3
STP-5 (REGULAR)	208 V	7	VERIFY	D	19,21,23	S7
STP-2 (DIESEL)	208 V	4	VERIFY	D	20,22,24	S4
STP-6 (E0)	208 V	5	VERIFY	D	26,28,30	S5
STP-4 (E-85)	208 V	6	VERIFY	D	32,34,36	S6
STP-1 EDO B20-1	208 V	8	VERIFY	D	50,52,54	S8
STP-2 EDO B20-2	208 V	9	VERIFY	D	56,58,60	S9
STP-3 EDO DEF	208 V	10	VERIFY	D	62,64,66	S10

DISPENSER DM-EX MODULE CHART

DISPENSER NUMBER	EQUIPMENT	DESCRIPTION NUMBER	VOLTAGE	AMPS	CIRCUIT INFO PNL	CIRCUIT INFO CKT. #
DM-EX #1	MDP-1	1	120 V	20	D	3
DM-EX #2	MDP-2	2	120 V	20	D	5
DM-EX #3	MDP-3	3	120 V	20	D	7
DM-EX #4	MDP-4	4	120 V	20	D	9
DM-EX #5	MDP-5	5	120 V	20	D	11
DM-EX #6	MDP-6	6	120 V	20	D	13
DM-EX #7	MDP-7	7	120 V	20	D	15
DM-EX #8	MDP-8	8	120 V	20	D	17
DM-EX #1	MDP-1 EDO	EDO 1	120 V	20	D	49
DM-EX #2	MDP-2 EDO	EDO 2	120 V	20	D	51
DM-EX #3	MDP-3 EDO	EDO 3	120 V	20	D	53
DM-EX #4	MDP-4 EDO	EDO 4	120 V	20	D	55
DM-EX #5	MDP-151	(FUTURE)	208 V	20	D	67,69,71



TANK MONITOR/PUMP SHUTDOWN

SECTION 1

OPTION WITH CONVENTIONAL SUBMERSIBLE PUMPS

1 – WHEN INDIVIDUAL SHUTDOWN OF DISPENSERS THRU THE TANK MONITOR IS REQUIRED REMOVE THE FACTORY INSTALLED "REMOTE OFF" JUMPERS FROM THE DM–EX MODULES. CONNECT THESE TERMINALS TO RELAY OUTPUT MODULE AS SHOWN. THIS WILL ALLOW THE TANK MONITOR TO SHUTDOWN ANY DISPENSER THROUGH THE RELAY OUTPUT MODULE.

2 – REFER TO TANK MONITOR MANUAL FOR ALL WIRING CONNECTIONS AND OTHER SPECIFICATIONS REQUIRED BY MANUFACTURER.

3 – THE TANK MONITOR IS TYPICALLY MOUNTED OUTSIDE THE POWERBOX ENCLOSURE ON AN ADJACENT WALL.

4 – THE TANK MONITOR SHOWN IS FOR A TYPICAL "PUMP SHUTDOWN" RELAY BOARD ONLY. FOR "LINE PRESSURE" SYSTEMS SEE DETAIL SHEETS.

5 – THIS DETAIL IS TO ILLUSTRATE WIRING OF (1) CONVENTIONAL PUMP.

6 – THE TERMINAL STRIP SHOWN IS FOR THE STANDARD DM–EX DESIGN. THE STANDARD DM–EX DESIGN MAY BE CUSTOMIZED FOR ADDITIONAL PUMP DEVICES, THERE BY ALTERING THE STANDARD DESIGN SHOWN. PLEASE REFER TO ALL INFORMATION TO DETERMINE THE NUMBER OF DEVICES FOR EACH JOB LOCATION.

DISPENSER FIELD WIRING

NOTES:

18 WIRING IS TYPICAL OF ALL DISPENSERS. GROUND CONDUCTOR (#12 AWG) MUST ALSO BE RUN FROM EACH DISPENSER TO THE GROUND BAR OF THE DISPENSER/PUMP CONTROL PANEL.

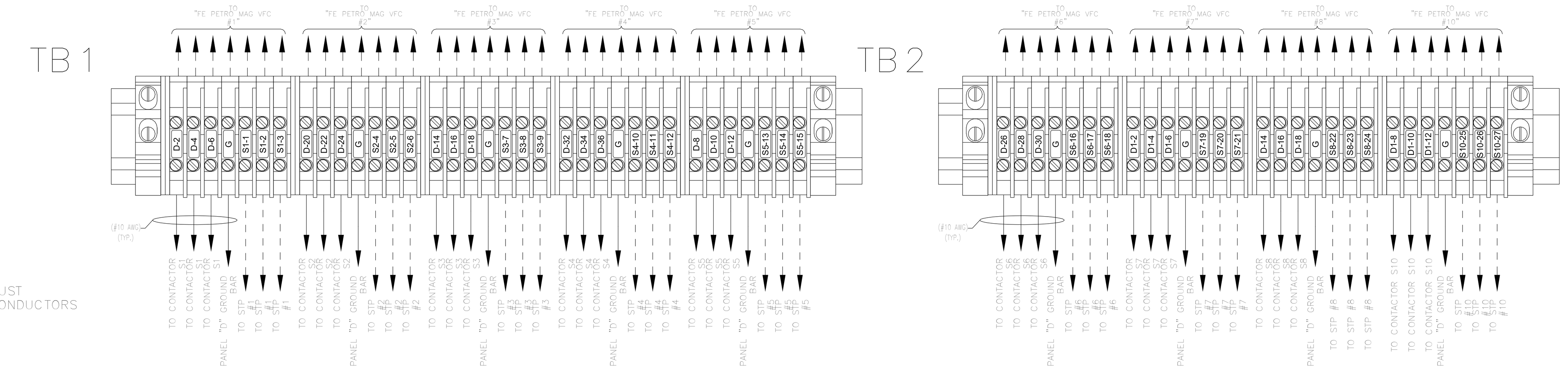
19 DISPENSER "AC" (POWER) AND "DC" (DATA) TYPICALLY RUN IN SEPARATE CONDUITS, OR PER DISPENSER MANUFACTURES REQUIREMENTS.

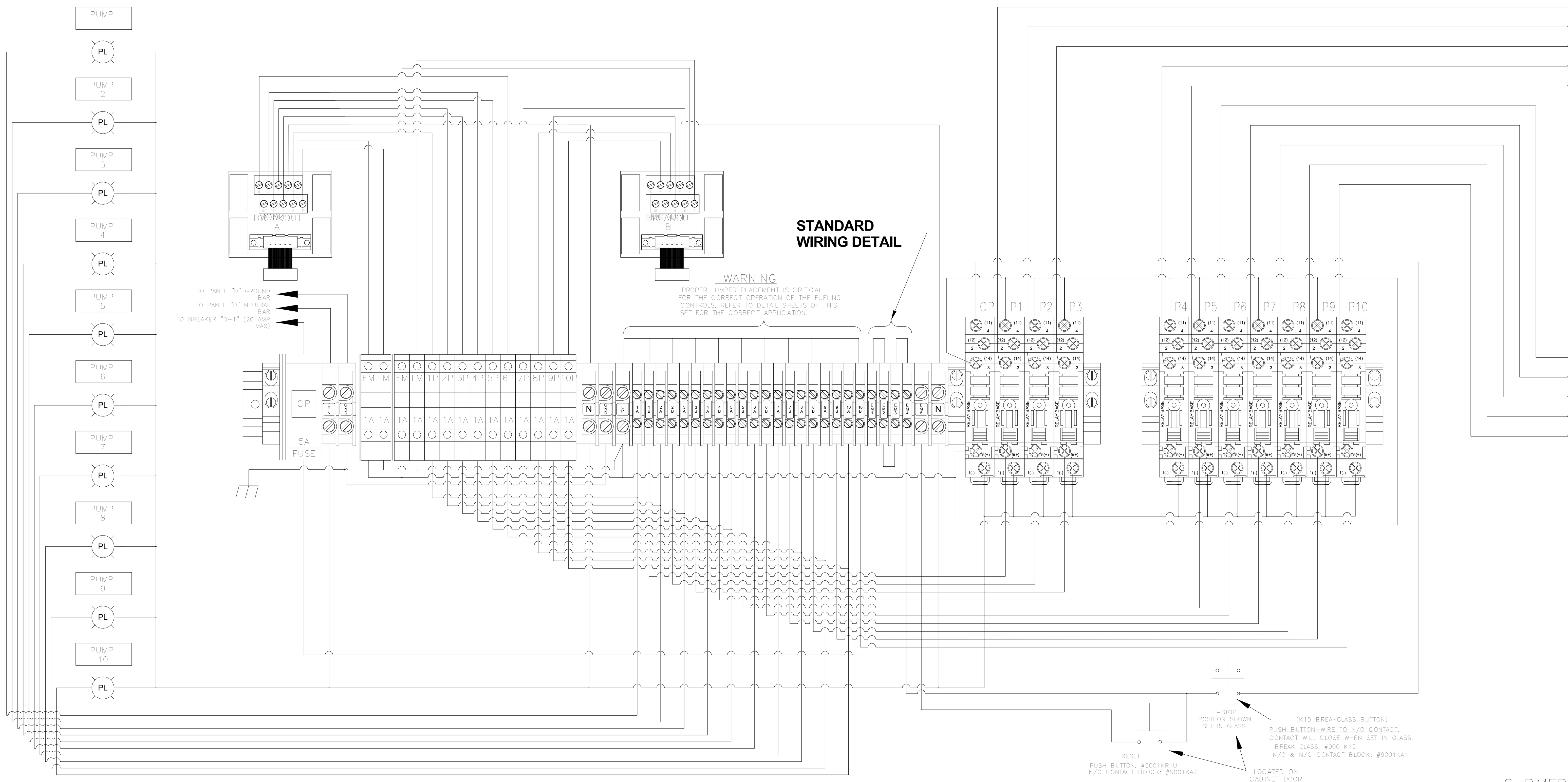
20 SEE DISPENSER INSTALLATION DIAGRAMS FOR TERMINATION LABELING.

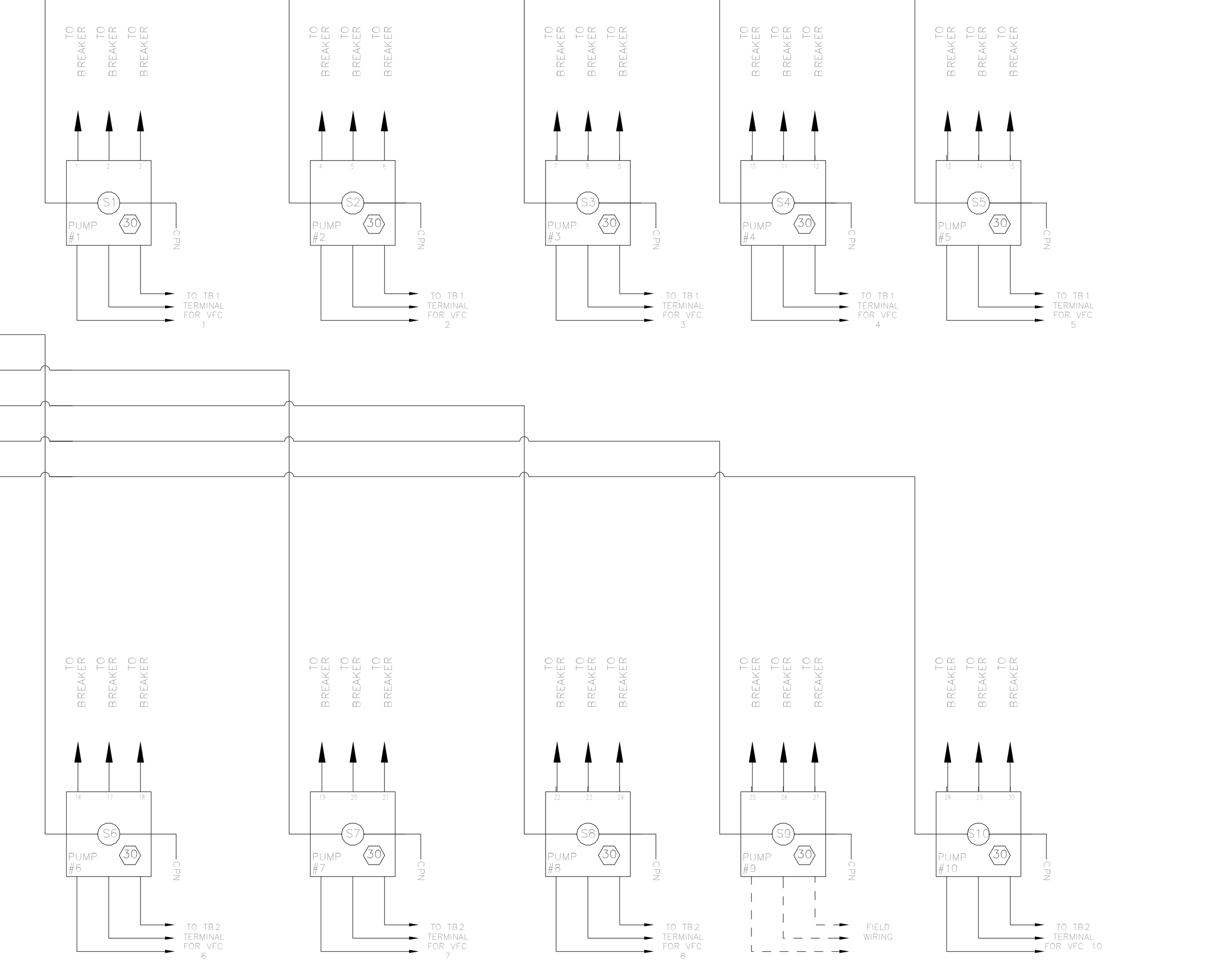
21 ALL FIELD WIRING TERMINALS MUST BE WIRED WITH A MINIMUM INSULATION RATING OF 60°C.

22 FACTORY INSTALLED "REMOTE OFF" JUMPERS ON DM–EX MODULES MUST REMAIN IN PLACE DURING NORMAL OPERATIONS. REMOVING THIS JUMPER AND WIRING INTO A "PAN SENSOR" SYSTEM PROVIDES INDIVIDUAL SHUTDOWN OF EACH DISPENSER.

23 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 CABLE) ARE REQUIRED WHEN CARD READERS IN THE DISPENSER ARE USED.







PUMP CONTACTOR COIL WIRING

10–DPA33Y122Y236 CONTACTORS

GENERAL NOTES FOR DISPENSER/PUMP CONTROLS:

7 BEFORE STARTING THE ASSEMBLY PROCESS PLEASE READ ALL NOTES.

8 ALL FIELD WIRING TERMINALS MUST BE WIRED WITH A MINIMUM INSULATION RATING OF 60°C IF CIRCUIT IS RATED LESS THAN 100 AMPS. OR A MINIMUM INSULATION RATING OF 75°C IF CIRCUIT IS RATED OVER 100 AMPS.

9 WHEN CONTROLLED LOAD IS A MOTOR, CIRCUITS MUST HAVE THERMAL PROTECTION INTEGRAL TO MOTOR OR PROVIDED BY OTHERS.

10 THIS DRAWING CONTAINS ALL THE FACTORY WIRING REQUIRED TO ASSEMBLE THESE CONTROLS. FOR A COMPLETE EXAMPLE OF ALL FIELD WIRING TO THESE CONTROLS PLEASE SEE THE DETAILS DRAWING IN THIS SET.

11 THE WIRE GAUGE USED TO ASSEMBLE THESE CONTROLS VARIES THROUGHOUT. TO DETERMINE WIRE SIZE THAT SHOULD BE USED PLEASE CHECK THE AMPERAGE OF THE CIRCUIT CONTROLLING THESE COMPONENTS. THE AMPERAGE CAN BE OBTAINED FROM THE PANELBOARD SCHEDULES DRAWING LOCATED IN THIS SET.

12 IF THERE ARE ANY QUESTIONS ABOUT THE PLACEMENT OF ANY NON–STANDARD DEVICES ON THE DISPENSER/PUMP CONTROLS SCREEN PLEASE CONTACT THE DRAFTING DEPARTMENT TO DETERMINE PROPER PLACEMENT.

13 WHEN "IST–VFC" SYSTEMS ARE FACTORY INSTALLED, THE EQUIPMENT SHOULD BE MOUNTED IN THE TOP OF THE DISPENSER/PUMP CONTROLS SECTION. WHEN MOUNTED OUTSIDE OF THE P.B.S. BOX PLACEMENT OF THESE DEVICES SHOULD BE DETERMINED BY THE CONTRACTOR.

14 THE STANDARD DM–EX DISPENSER SCREEN MODELS ARE:
DM–4D–4P EXPANDABLE TO 6D–6P
DM–6D–4P EXPANDABLE TO 8D–6P
DM–8D–4P EXPANDABLE TO 12D–6P

15 THE DISPENSER CONTROL WIRING SHOWN ON THIS DRAWING IS FOR ONE DISPENSER. ALTHOUGH THE NUMBER OF DISPENSERS USED FOR EACH JOB MAY VARY THE WIRING SHOWN IS TYPICAL OF ALL DISPENSERS.

16 THE PILOT LIGHTS SHOWN ON THIS DRAWING ARE TO VISUALLY VERIFY THE OPERATION OF EACH PUMP. ALL PILOT LIGHTS SHOWN SHOULD BE MOUNTED ON THE DOOR OF THE DISPENSER/PUMP CONTROLS SECTION.

17 THE MOMENTARY SWITCHES FOR "FUEL SHUTDOWN" AND "FUEL RESET" SHOWN ON THIS DRAWING SHOULD BE MOUNTED ON THE DOOR OF THE DISPENSER/PUMP CONTROLS SECTION.

WIRING LEGEND

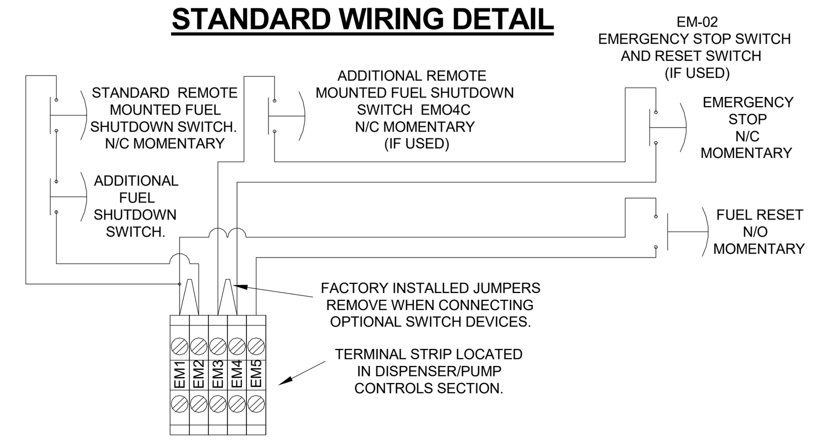
———— IPaCS FACTORY WIRING.
– – – – CONTRACTOR FIELD WIRING.

120/208 VOLT COLOR CHART

NOTE
BRANCH CIRCUIT WIRING DONE BY SQUARE D IPaCS WILL BE COLOR CODED:
A PHASE – BLACK WIRE
B PHASE – RED WIRE
C PHASE – BLUE WIRE
ALL SINGLE PHASE WIRING IN BLACK
ALL WIRING ABOVE #10 AWG TO BE PHASE COLORED ON EACH END.

NOTE:
* BEFORE WIRING BRANCH CIRCUITS REFER TO PANELBOARD SCHEDULES TO DETERMINE THE PHASE COLORS TO BE USED.
* ALL MAIN DISCONNECT AND BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY OTHERS.

STANDARD WIRING DETAIL



SUBMERSIBLE PUMP EQUIPMENT SHEET

RF #	EQUIPMENT	VOLTS	CONTACTOR NUMBER	CONTACTOR AMPS	PANEL CIRCUITS	OUT PUT
1, 2, 3	STP–1 (REGULAR 1)	208	1	30	D–2, D–4, D–6	S1
4, 5, 6	STP–2 (DIESEL A)	208	2	30	D–20, D–22, D–24	S2
7, 8, 9	STP–3 (PREMIUM)	208	3	30	D–14, D–16, D–18	S3
10, 11, 12	STP–4 (E85)	208	4	30	D–32, D–34, D–36	S4
13, 14, 15	STP–5 (REGULAR 2)	208	5	30	D–8, D–10, D–12	S5

SUBMERSIBLE PUMP EQUIPMENT SHEET

RF #	EQUIPMENT	VOLTS	CONTACTOR NUMBER	CONTACTOR AMPS	PANEL CIRCUITS	OUT PUT
16, 17, 18	STP–6 (FUTURE PRODUCT)	208	6	30	D–19, D–21, D–23	S6
19, 20, 21	STP–7 (B20–1)	208	7	30	D–50, D–52, D–54	S7
22, 23, 24	STP–8 (B20–2)	208	8	30	D1–56, D1–58, D1–60	S8
25, 26, 27	STP–9 (DEF)	208	9	30	D–62, D–64, D–66	S9
28, 29, 30	STP–10 (FUTURE PRODUCT)	208	10	30	D1–26, D1–28, D1–30	S10

1 CONTROL DIAGRAMS
N.T.S

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DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

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

PROJECT NAME
HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 DATE 03/29/22

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.

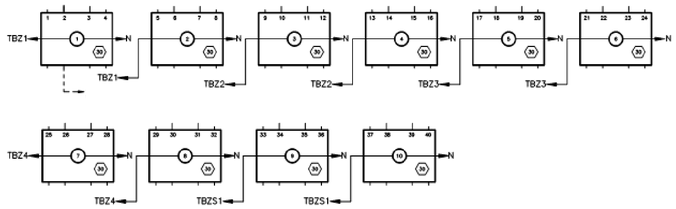
PROFESSIONAL SEAL
GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 26276 WILLIAM S. GADDY, JR.
2023.02.07

PROJECT NUMBER
22.765.00

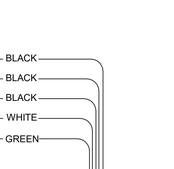
SHEET TITLE
CONTROL DIAGRAMS

SHEET NUMBER
E501

ISSUED FOR CONSTRUCTION



3 TYPICAL CONTACTOR WIRING DETAIL
12" = 1'-0"



NOTE: LIGHTING CIRCUIT
TYPICAL LIGHTING CIRCUIT SHOWN ABOVE ON CONTACTOR POLE #2.

GENERAL NOTES FOR LIGHTING CONTROLS

LCG 1 ALL DASHED LINES REPRESENT FIELD WIRING BY CONTRACTOR.

LCG 2 OVERCURRENT PROTECTION FOR EACH LIGHTING CIRCUIT TO BE CONTROLLED BY THEE IPACS "LIGHTING MANAGER" IS PROVIDED BY OTHERS. THIS OVERCURRENT PROTECTION SHALL BE LIMITED TO 30 AMPS MAXIMUM FOR EACH CIRCUIT.

LCG 3 CONTROL FUSE "L1" FOR LIGHTING CONTROL POWER MUST BE "5 AMPS". REPLACE ONLY WITH THE SAME TYPE AND RATING OF FUSE.

LCG 4 CONTROL FUSE "24+" ON LIGHTING CONTROL STRIP MUST BE "2 AMPS". REPLACE ONLY WITH THE SAME TYPE AND RATING OF FUSE.

LCG 5 ALL FIELD WIRING TERMINALS MUST BE WIRED WITH A MINIMUM INSULATION RATING OF 60° C IF CIRCUIT IS RATED LESS THAN 100 AMPS OR A MINIMUM INSULATION RATING OF 75° C IF CIRCUIT IS RATED OVER 100 AMPS.

LCG 6 ALL CONTACTORS SHALL BE WIRED INDEPENDENTLY TO A TERMINAL BLOCK AT THE OUTPUT TERMINAL BLOCK INTERFACE.

LCG 7 THE WIRES FROM ALL CONTACTORS (1 THRU 10) MUST BE NUMBERED AT THE OUTPUT TERMINAL BLOCK INTERFACE.

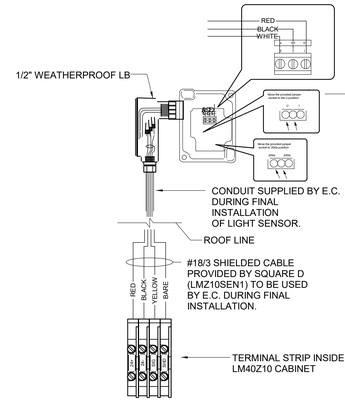
LCG 8 THE CONTACTOR CONTROL WIRING CHART SHOWS OUTPUTS 1 THRU 10 OF THE SQUARE D Z10 LIGHTING MANAGER. THIS CHART ALSO SHOWS THE NUMBER OF CONTACTORS WIRED TO EACH OUTPUT AT THE FACTORY. THIS CONFIGURATION MAY BE FIELD MODIFIED BY MOVING THE INDEPENDENTLY WIRED CONTACTOR COIL WIRE TO THE CORRESPONDING TERMINAL BLOCK OF THE DESIRED OUTPUT CONTROL CHANNEL.

LCG 9 ALL MAIN DISCONNECT AND BRANCH CIRCUIT PROTECTION SHALL BE AS SCHEDULED ON SHEET E300.

LCG 10 INSTALLER CONTRACTOR NOTE: DO NOT REMOVE TOPPER LIGHTING CONTROL WIRES. DO NOT CONNECT ANY OTHER CIRCUITS TO THIS CONTACTOR POLE.

** NOTE: THERE SHALL ONLY BE A TOTAL OF 4 WIRES LOCATED UNDER ANY ONE LUG OF THE OUTPUT TERMINAL BLOCK INTERFACE. FAILURE TO COMPLY TO THIS WARNING MAY CAUSE EXCESSIVE HEATING AND IMPROPER OPERATION OF THIS LIGHTING CONTROL SYSTEM.

4 LIGHTING CONTACTOR DETAIL
N.T.S.



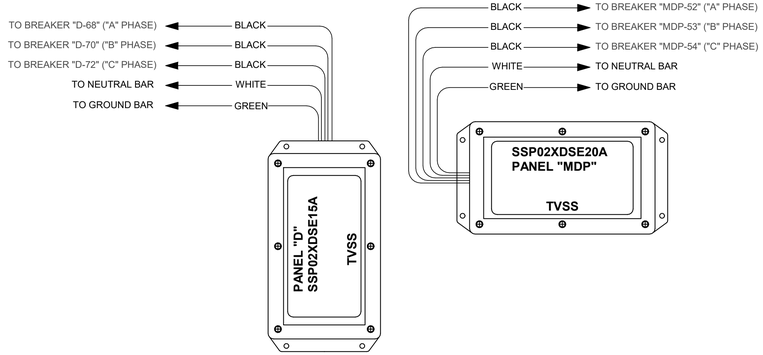
GENERAL NOTES FOR LIGHT SENSOR INSTALLATION

1. WIRING FOR THE LIGHT SENSOR MUST BE #18/3 SHIELDED CABLE AND SHALL BE RUN IN A SEPARATE (ELECTRICAL CONTRACTOR SUPPLIED) CONDUIT TO THE ROOF.
2. THE "SHIELD CONDUCTOR" AT THE LIGHT SENSOR JUNCTION BOX MUST BE CUT OFF AT THE INSULATION AND TAPED TO PREVENT GROUNDING. THE "SHIELD CONDUCTOR" AT THE LIGHTING MANAGER MUST BE GROUNDED TO THE MOUNTING SCREEN.
3. THE LIGHT SENSOR "EYE" MUST BE INSTALLED TO FACE THE NORTHERN SKY AWAY FROM ANY OTHER OUTSIDE LIGHTING SOURCES SUCH AS CANOPY LIGHTS, POLE LIGHTS, OR SECURITY LIGHTS.
4. THE LIGHT SENSOR MUST BE MOUNTED AT LEAST 18" ABOVE ROOF LINE.
5. *** SPECIAL NOTE - TEST AND INSPECT / ELECTRICAL CONTRACTOR *** THE LMZ10SEN1 INCLUDES THE LIGHT SENSOR INSTALLED IN AN ALB1 CONDUIT HOUSING WITH 50 FT. OF #18/3 SHIELDED CABLE. THE LMZ10SEN1 ASSEMBLY IS TO BE PRE-WIRED TO THE "FIELD WIRING" SIDE OF TERMINAL STRIP BY TEST & INSPECT AT SQUARE D TO CHECK OPERATION. AFTER CHECKOUT IS COMPLETE - TEST & INSPECT TO SECURE LMZ10SEN1 ASSEMBLY IN CABINET FOR SHIPMENT, WITH WIRES LEFT CONNECTED. THE ELECTRICAL CONTRACTOR SHALL COMPLETE INSTALLATION OF LIGHT SENSOR AT JOBSITE USING INFORMATION ABOVE.

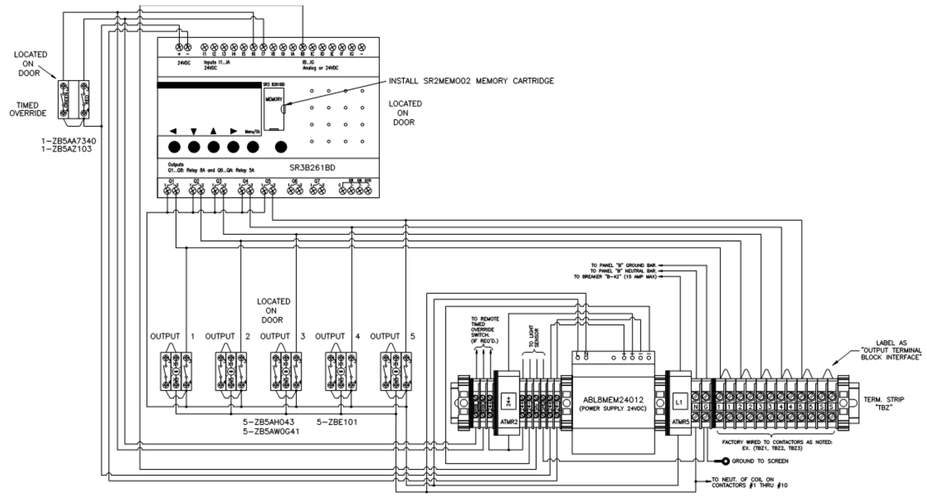
5 LIGHT SENSOR FIELD INSTALLATION DETAIL
N.T.S.

120/208 VOLT COLOR CHART
NOTE BRANCH CIRCUIT WIRING DONE BY SQUARE D IPaCS WILL BE COLOR CODED! A PHASE - BLACK WIRE B PHASE - RED WIRE C PHASE - BLUE WIRE **ALL SINGLE PHASE WIRING IN BLACK** ALL WIRING ABOVE #10 AWG TO BE PHASE COLORED ON EACH END.

NOTE:
* BEFORE WIRING BRANCH CIRCUITS REFER TO PANELBOARD SCHEDULES TO DETERMINE THE PHASE COLORS TO BE USED.
* ALL MAIN DISCONNECT AND BRANCH CIRCUIT PROTECTION SHALL BE AS SCHEDULED ON SHEET E410 & E411.



1 SPD WIRING DETAIL
N.T.S.



2 CONTACTOR CONTROL WIRING
12" = 1'-0"

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2022.02.27	PERMIT SET
2023.02.07	REFRESHTO2022.0211

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

PROJECT NAME
HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 DATE 03/29/22

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
GEORGIA REGISTERED No. 16278 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.
2023.02.07

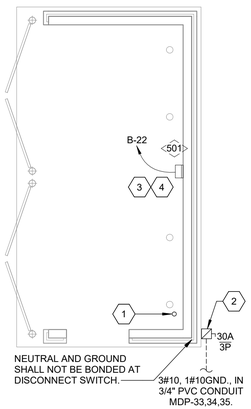
PROJECT NUMBER
22.765.00

SHEET TITLE
CONTROL DIAGRAMS

SHEET NUMBER
E502

ISSUED FOR CONSTRUCTION

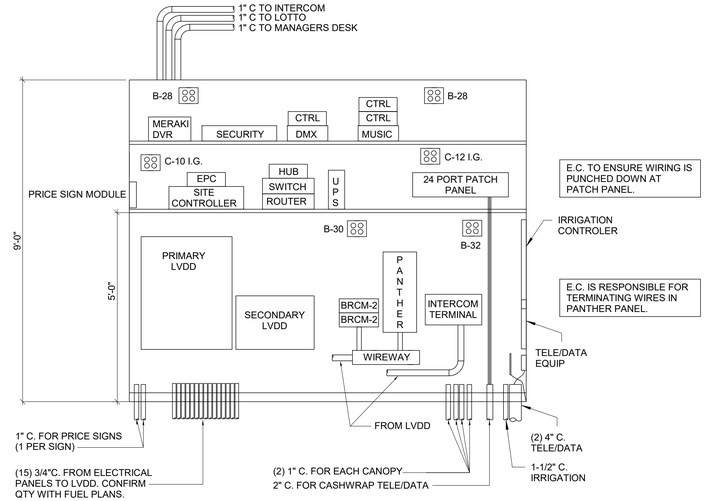
1 TANK MONITORING DETAIL
N.T.S.



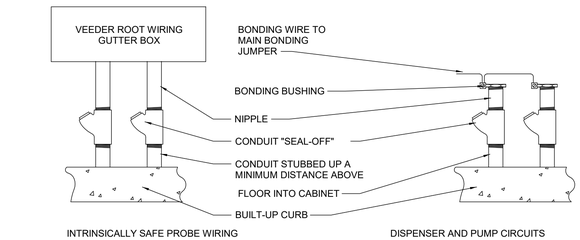
KEYNOTES

1. CONTRACTOR SHALL PROVIDE 3/4" CONDUIT WITH PULLSTRING FROM 'MDP' AND STUP-UP AND CAP.
2. PROVIDE 30A/3P/208V FUSED DISCONNECT IN NEMA 3R ENCLOSURE WITH 20A FUSES FOR OUTDOOR STORAGE ROOM DISCONNECT SWITCH. LABEL "OUTDOOR STORAGE DUMPSTER ENCLOSURE DISCONNECT".
3. PROVIDE DISCONNECT OF LIGHT FIXTURE CIRCUIT PER NEC 210.4 (B).
4. CONNECT LIGHT FIXTURE TO BUILDING WALL-MOUNTED LIGHTING CIRCUIT AND CONTROLS. REFER TO SHEET E150 FOR ADDITIONAL INFORMATION.

2 DUMPSTER ENCLOSURE ELECTRICAL PLAN
3/16" = 1'-0"

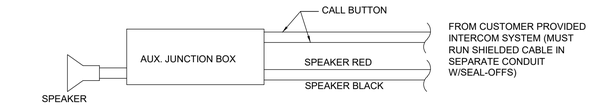


3 DATA CLOSET ELEVATION
N.T.S.



NOTE: REFER TO PLAN TO VERIFY QUANTITY OF STUB-UPS REQUIRED. REFER ALSO TO POWERBOX SHOP DRAWINGS FOR SCHEMATIC ROUGH-IN LOCATIONS.

5 DISPENSOR PUMP AND INTRINSICALLY SAFE STUB-UP DETAIL
N.T.S.



4 INTERCOM SINGLE LINE DIAGRAM
N.T.S.

APPLICABLE SPB(s): 22-0211

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ATLANTA, GEORGIA 30339
(770) 431-7600

PROJECT NAME
HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 **DATE** 03/29/22

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.

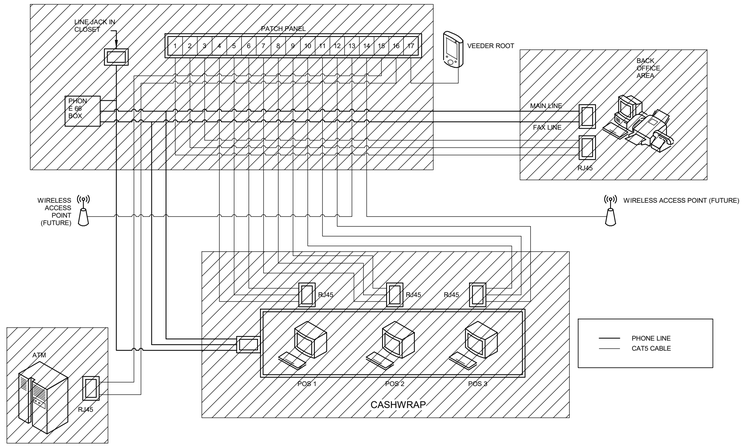
PROFESSIONAL SEAL
GEORGIA REGISTERED No. 027080 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.
2023.02.07

PROJECT NUMBER
22.765.00

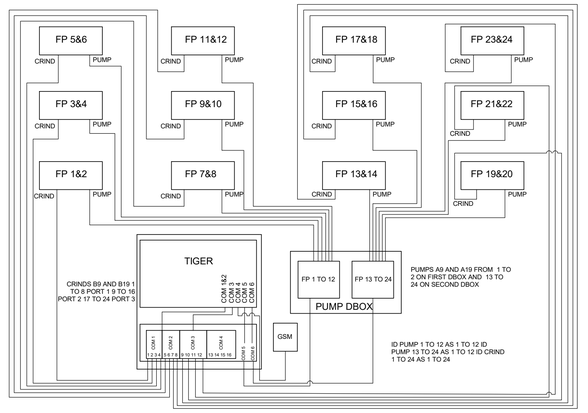
SHEET TITLE
ELECTRICAL DETAILS

SHEET NUMBER
E600

ISSUED FOR CONSTRUCTION



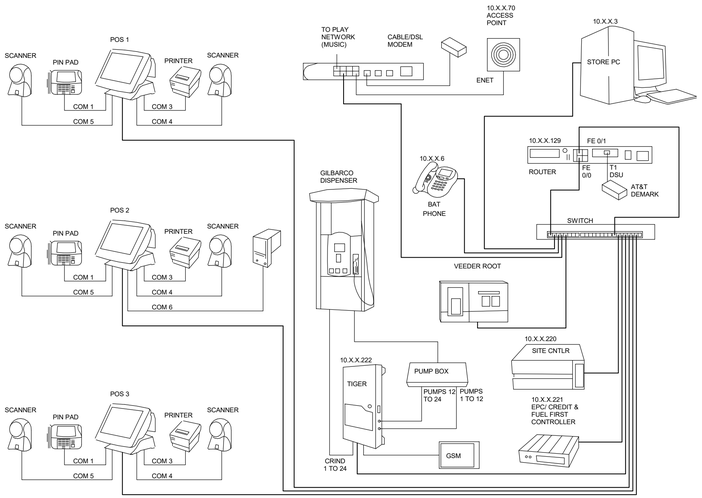
3 LOW VOLTAGE WIRING DETAIL
N.T.S.



4 TIGER CONFIGURATION DETAIL
N.T.S.

LOW VOLTAGE DISPENSER DISCONNECT WIRING (VIDEO MODELS WITH (3) MOTHERBOARDS) LCDD-V-12 WIRING

2 LVDD WIRING (VIDEO MODELS WITH (3) MOTHERBOARDS DETAIL)
N.T.S.



1 POINT OF SALE WIRING DETAIL
N.T.S.

GENERAL NOTES FOR THE LOW VOLTAGE DISPENSER DISCONNECT:

1. BEFORE STARTING THE INSTALLATION PROCESS PLEASE READ ALL NOTES AND LOW VOLTAGE DISPENSER DISCONNECT INSTRUCTION BULLETIN.
2. Omit.
3. AS SOME SYSTEMS HAVE BOOTING SEQUENCES WHEN STARTING, THE "LVDD" SHOULD BE ENERGIZED AND THEN BRING UP DEVICES ASSOCIATED WITH THE "LVDD" AS PER THEIR MANUFACTURERS INSTRUCTIONS. ALSO CAREFULLY READ LVDD INSTRUCTION BULLETIN SECTION 5 – PRE-ENERGIZING CHECKOUT PROCEDURE AND SECTION 6 – ENERGIZING THE LVDD.
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.
8. THE DISPENSER "AC" POWER IS FROM EITHER THE ASSOCIATED DISPENSER CIRCUIT BREAKER -OR- THE REMOTE INDIVIDUAL SHUTDOWN TERMINAL ON THE SQUARE D IPNCS DMEX FOR EACH "LVDD" MOTHER BOARD (AS SHOWN AT LEFT). ALSO CAREFULLY READ LVDD 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 CABLE) 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 USED 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 #LVDDMB-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 #LVDDRB-500). THE NUMBER OF RELAYBOARDS VARIES DEPENDING ON WHICH MODEL OF LOW VOLTAGE DISPENSER DISCONNECT IS ORDERED. CONTROL WIRING SHOWN ON THIS DRAWING IS TYPICAL OF ALL.

MODEL (PART #)	ENCLOSURE (PART #)	MOUNTING	MOTHERBOARDS (QTY)	RELAYBOARDS (QTY)
LVDD-V-03M	LVDD-V-03M	LVDD-V-03M	LVDDMB-500	1	LVDDRB-500	4
LVDD-V-06M			LVDDMB-500	2	LVDDRB-500	8
LVDD-V-09M			LVDDMB-500	3	LVDDRB-500	12
LVDD-V-12M			LVDDMB-500	4	LVDDRB-500	16
LVDD-V-18M			LVDDMB-500	6	LVDDRB-500	24
LVDD-V-24M			LVDDMB-500	8	LVDDRB-500	32

*SPECIAL NOTE: MODEL NUMBER LVDD-V-BX WILL HAVE QTY OF (2) MOTHERBOARDS INSTALLED WITH ROOM TO ADD (1) MOTHERBOARD

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RACEWAY

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

PROJECT NAME
HWY 84 & GA HWY 3 EDO

GEORGIA
2500 HIGHWAY 84 BYPASS
THOMASVILLE, GA 31792

RACETRAC STORE NUMBER
#1581

PROTOTYPE SERIES
2022 S MO 0120

PLAN MODIFICATION NOTICE
SPB NO. 0120 **DATE** 03/29/22

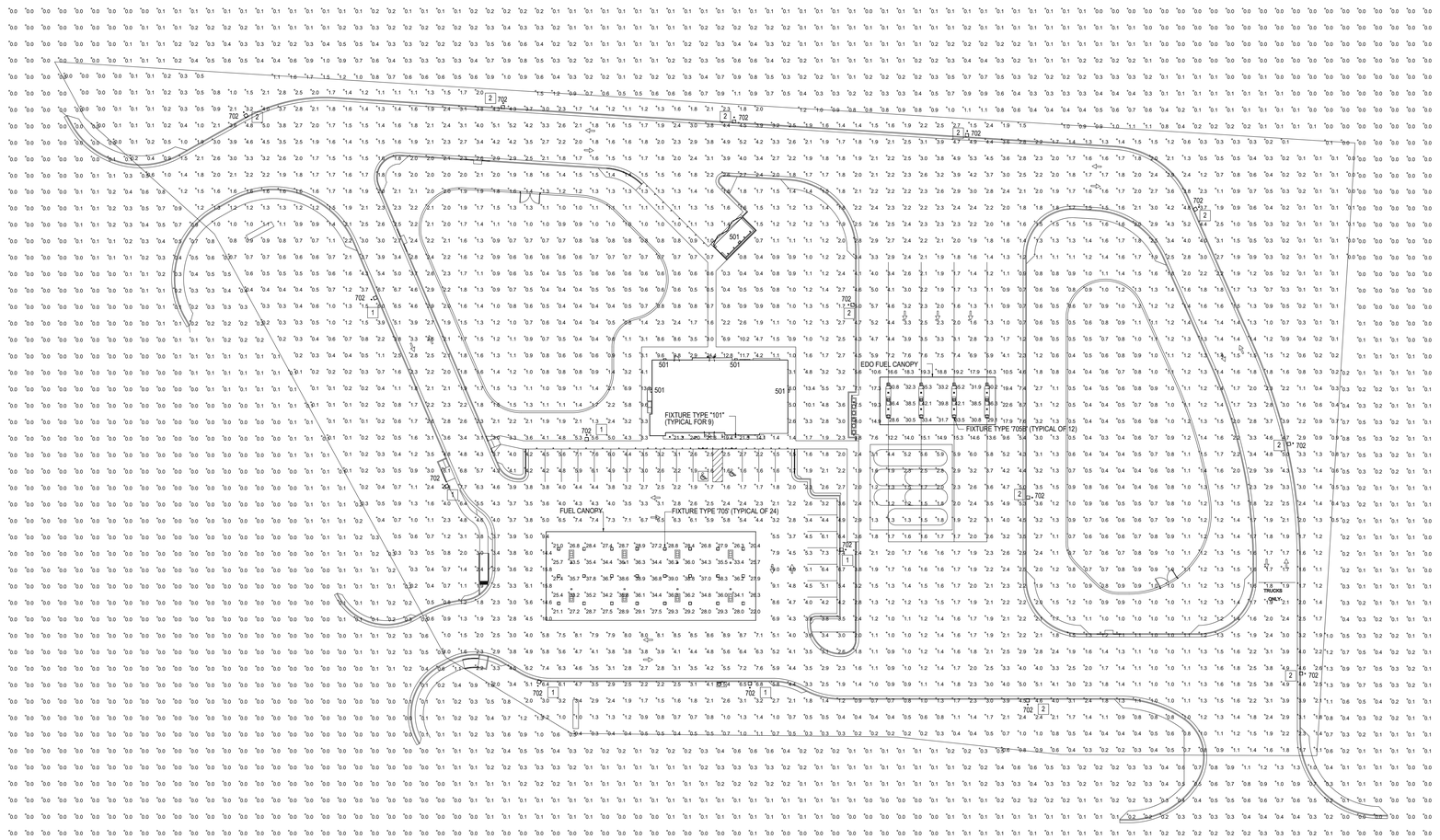
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PROFESSIONAL SEAL
GEORGIA REGISTERED No. 027868 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.
2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE
ELECTRICAL DETAILS

SHEET NUMBER
E601
ISSUED FOR CONSTRUCTION



1 SP-1 SITE PHOTOMETRY PLAN
SCALE: 1" = 40'-0"

GENERAL NOTES

1. ALL FIXTURES UTILIZED IN THIS PHOTOMETRY PLAN ARE RATED FULL CUTOFF

KEYED NOTES

1 MOUNT AREA LUMINAIRE AT 28'-0" AFG (INCLUDING POLE BASE).

2 MOUNT AREA LUMINAIRE AT 33'-0" AFG (INCLUDING POLE BASE).

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
BEYOND PROPERTY	+	0.1 fc	1.7 fc	0.0 fc	N/A	N/A
EDO CANOPY	+	34.3 fc	42.1 fc	28.6 fc	1.5:1	1.2:1
FUEL CANOPY	+	31.5 fc	39.0 fc	20.4 fc	1.9:1	1.5:1
OVERALL SITE	+	2.3 fc	24.0 fc	0.0 fc	N/A	N/A

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	705	24	701948-SWTWT3 -M150P2	LED CANOPY LIGHT	LIGHT EMITTING DIODES	701948-SWTWT3 -M150P2.IES	11477	0.90	76
	705B	12	701948-SWTWT3 -M150P2	LED CANOPY LIGHT W/ BRONZE FINISH	LIGHT EMITTING DIODES	701948-SWTWT3 -M150P2.IES	11477	0.90	76
	101	9	LDN4 40/15 LO4AR LSS	LED DOWN LIGHT	LIGHT EMITTING DIODES	LDN4_40_15 LO4AR_LSS.IES	1514	0.90	18
	702	16	RSX2-LED-P6 -40K-R4	LED AREA LIGHT	LIGHT EMITTING DIODES	RSX2-LE3D-P6 -40K-R4.IES	30662	0.90	246
	501	5	ARC2-LED-P5 -40K	LED WALL PACK	LIGHT EMITTING DIODES	ARC2-LED-P5 -40K.IES	6615	0.90	51

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PROJECT NAME

HWY 84 & GA HWY 3 EDO

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THOMASVILLE, GA 31792

RACETRAC STORE NUMBER

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PROTOTYPE SERIES

2022 S MO 0120

PLAN MODIFICATION NOTICE

SPB NO. 0120 **DATE** 03/29/22

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PROFESSIONAL SEAL

GEORGIA REGISTERED No. 36272 PROFESSIONAL ENGINEER WILLIAM S. GADDY, JR.

2023.02.07

PROJECT NUMBER
22.765.00

SHEET TITLE

SITE PHOTOMETRY PLAN

SHEET NUMBER

SP-1

ISSUED FOR CONSTRUCTION