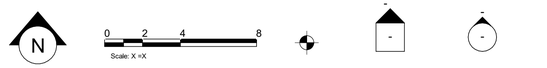
ABBREVIATIONS

A/C	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AMP	AMPERE
ARCH	ARCHITECT
BOH	BACK OF HOUSE
CAB	CABINET
CL	CENTER LINE
CLG	CEILING
CM	STARBUCKS CONSTRUCTION MANAGER
CTR	CENTER
CX	COMMISSIONING
CXA	COMMISSIONING AGENT
DEG	DEGREE
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
EA	EACH
EL	ELEVATION
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR
FF&E	FURNITURE, FIXTURE, AND EQUIPMENT
FLR	FLOOR
FOH	FRONT OF HOUSE
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER INSTALLED BY OWNER
FT	FOOT/FEET
G	GROUND
GC	GENERAL CONTRACTOR
GWB	GYPSUM WALLBOARD
HC	HOLLOW CORE
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
I.D.	INSIDE DIAMETER
LEED	LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MEP	"MECHANICAL, ELECTRICAL AND PLUMBING"
MFR	MANUFACTURER
MIN	MINIMUM
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
OC	ON CENTER
O.D.	OUTSIDE DIAMETER
PIR	PASSIVE INFRARED SENSOR
PLC	PLACE
R	RADIUS
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
RND	ROUND
SB	STARBUCKS
SC	SOLID CORE
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
TEMP	TEMPORARY
TYP	TYPICAL
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VIF	VERIFY IN FIELD

RESPONSIBILITY LEGEND

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

ARCHITECTURAL SYMBOL LEGEND

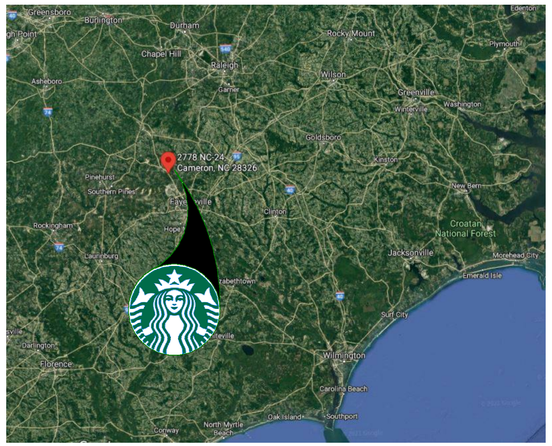


NORTH ARROW | GRAPHIC SCALE | DATUM POINT | EXTERIOR ELEVATION CALL-OUT | INTERIOR ELEVATION CALL-OUT

SECTION CALL-OUT | DETAIL CALL-OUT | SHEET NOTE CALLOUT | ABOVE FINISH FLOOR HEIGHT TAG | FINISH FACE TO FINISH FACE DIMENSION | REVISION CLOUD

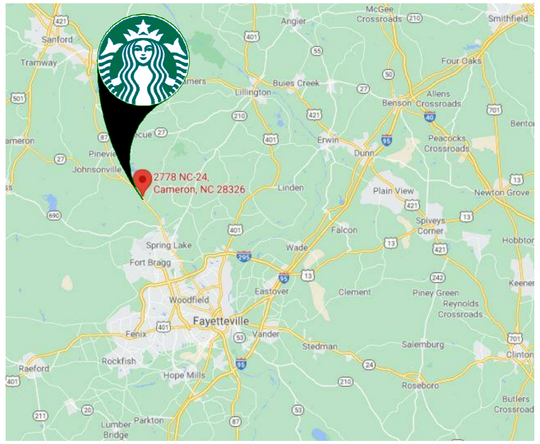
REVISION TAG | PAINT TAG (P XXXXX) | DESIGN ID TAG (X XXXXX) | DOOR TAG (D XXXXX XX) | WINDOW TAG (W XXXXX) | INTERIOR WALL TAG (X-X-X)

AERIAL MAP



SOURCE : GOOGLE MAP

VICINITY PLAN



SOURCE : GOOGLE MAP

PROJECT CONTACTS

MAILING ADDRESS: STARBUCKS COFFEE COMPANY
2401 UTAH AVENUE SOUTH
MS STOP: S-SD10
SEATTLE, WASHINGTON 98134
(206) 318-1575

DESIGN MANAGER: GIDA AVILA
STARBUCKS COFFEE COMPANY
95 MERRICK WAY SUITE 650
CORAL GABLES, FL 33134
(305) 529-5375

STORE DESIGNER: ASHLEY SUEIRAS
STARBUCKS COFFEE COMPANY
95 MERRICK WAY SUITE 650
CORAL GABLES, FL 33134
(786) 946-2505

CONSTRUCTION MANAGER: RICK JOHNSON
STARBUCKS COFFEE COMPANY
(404) 991 - 9837
rjohnson@Starbucks.com

LANDLORD: PRIMAX PROPERTIES, LLC
MIKE ERICKSON
1100 MOREHEAD STREET
CHARLOTTE, NC 28204
PHONE: 980-938-5471

ARCHITECT OF RECORD: GPD ENGINEERING AND ARCHITECTURE
PROFESSIONAL CORPORATION - 52715
520 SOUTH MAIN STREET
SUITE 2531
AKRON, OH 44311
330-572-2100

MEP CONSULTANT OF RECORD: GPD ENGINEERING AND ARCHITECTURE
PROFESSIONAL CORPORATION - C3879
520 SOUTH MAIN STREET
SUITE 2531
AKRON, OH 44311
330-572-2100

STRUCTURAL CONSULTANT: GPD ENGINEERING AND ARCHITECTURE
PROFESSIONAL CORPORATION - C3879
520 SOUTH MAIN STREET
SUITE 2531
AKRON, OH 44311
330-572-2100

SCOPE OF WORK

NEW PROPOSED TENANT IMPROVEMENT FOR NEW STARBUCKS STORE.

INTERIOR SCOPE OF WORK INCLUDES INTERIOR WALLS, WALL FINISHES, FIXTURES, EQUIPMENT, CASEWORK, AND ACCESSIBLE EMPLOYEE RESTROOM.

NO EXTERIOR SCOPE OF WORK EXCEPT FOR BUILDING SIGNAGE PERMITTED SEPARATELY.

SHELL BUILDING SIGNAGE PERMITTED SEPARATELY BY OTHERS.

GENERAL NOTES

1. THE DRAWINGS AND PROJECT MANUAL TOGETHER CONSTITUTE THE CONTRACT DOCUMENTS FOR CONSTRUCTION. ALL GENERAL REQUIREMENTS ARE TO BE MET AND ALL MATERIALS, FINISHES AND SYSTEMS ARE TO BE INSTALLED AND PERFORM PER SPECIFICATIONS UNLESS OTHERWISE NOTED.
2. GENERAL CONTRACTOR SHALL VISIT THE SITE, REVIEW THE BUILDING SHELL DRAWINGS AS SUBMITTED BY THE LANDLORD OR STARBUCKS AND BECOME THOROUGHLY FAMILIAR WITH THE SITE CONDITIONS PRIOR TO CONSTRUCTION.
3. GENERAL CONTRACTOR SHALL CONSULT WITH STARBUCKS CONSTRUCTION MANAGER TO RESOLVE ANY CHANGES, OMISSIONS OR PLAN DISCREPANCIES PRIOR TO CONSTRUCTION.
4. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
5. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
6. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT. DO NOT SCALE DRAWINGS.
7. GENERAL CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS, OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF THE WORK.
8. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
9. GENERAL CONTRACTOR SHALL RETAIN ONE SET OF PERMIT PLANS ON-SITE TO DOCUMENT ALL CHANGES MADE DURING CONSTRUCTION. THE RECORD DRAWINGS SHALL BE ISSUED TO THE OWNER AT PROJECT CLOSE-OUT AS DESCRIBED IN THE GENERAL REQUIREMENTS OF THE PROJECT MANUAL.
10. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY OF MATERIALS FROM STARBUCKS CONTRACTED THIRD PARTY LOGISTICS DISTRIBUTION SERVICES AND VENDOR DIRECT SHIPMENTS. SEE THE PROJECT MANUAL FOR ADDITIONAL INFORMATION.
11. RESPONSIBILITY FOR SUPPLY AND DELIVERY OF MATERIALS AND EQUIPMENT IS IDENTIFIED IN THE DRAWING SCHEDULE SHEETS UNDER THE COLUMN LABELED "RESPONSIBILITY".
12. FOR THE PURPOSE OF THE DOCUMENTS, TO "INSTALL", SHALL MEAN TO PROVIDE ALL FASTENERS, MISCELLANEOUS HARDWARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS AND OTHER ITEMS REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION, UNLESS OTHERWISE NOTED.
13. ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE STARBUCKS CONSTRUCTION MANAGER.

SITE INFORMATION

CODE AUTHORITIES:

BUILDING CODE:	2018 NC BUILDING CODE
PLUMBING CODE:	2018 NC PLUMBING CODE
MECHANICAL CODE:	2018 NC MECHANICAL CODE
ELECTRICAL CODE:	2017 NATIONAL ELECTRICAL CODE (NFPA 70)
ENERGY CODE:	2018 NC ENERGY CONSERVATION CODE
FIRE CODE:	2018 NC FIRE PREVENTION CODE
HEALTH CODE:	2009 NC FOOD CODE
ACCESSIBILITY CODE:	2009 ICC ANSI A117.1

ZONING:

PARCEL NUMBER:	019594010706
LEASABLE AREA:	2,480 GROSS SF 2,324 NET SF
CONSTRUCTION TYPE:	V-B
OCCUPANCY TYPE:	B - BUSINESS
FIRE SPRINKLER:	NO

INDEX OF SHEETS

LEGEND: X - SHEET ISSUED
R - SHEET ISSUED FOR REFERENCE AND COORDINATION ONLY
SEE TITLEBLOCK FOR REVISION ISSUE DATE(S)

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STARBUCKS TEMPLATE VERSION: i2021-01-22

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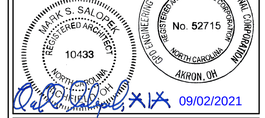
P: 330-572-2100 F: 330-572-2101

GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
GENERAL INFORMATION

SCALE: AS SHOWN

SHEET NUMBER:
G001

9/2/2021 8:55:03 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

INDOOR SEATING CALCULATIONS

DESCRIPTION	NUMBER OF ITEMS	SEATS	PER ITEM
TABLE TOP, COMMUNITY	1	8	8
TABLE TOP, ROUND	2	2	4
TABLE TOPS AT BANQUETTE	6	2	12
SOFT SEATING	4	2	8
		TOTAL ACCESSIBLE SEATS (≥ 5%)	**2**
		TOTAL	**32**

OUTDOOR SEATING CALCULATIONS

DESCRIPTION	NUMBER OF ITEMS	SEATS	PER ITEM
TABLE TOP, SQUARE	6	2	12
TABLE TOP, RECTANGLE	2	2	4
TABLE TOP, ROUND	3	2	6
		TOTAL ACCESSIBLE SEATS (≥ 5%)	**2**
		TOTAL	**22**

EGRESS CALCULATIONS

EXIT WIDTH REQUIRED - 60 OCC. x 0.2	= 12 IN.
EXIT WIDTH PROVIDED	= 150 IN.
EXITS	= 72 IN. PRIMARY ENTRY, 36 IN. SECONDARY ENTRY, 42 IN WORKROOM
NUMBER OF EXITS REQUIRED	= 2
NUMBER OF EXITS PROVIDED	= 3
MAXIMUM. ALLOWABLE TRAVEL DISTANCE	= 200' - 0"
MAXIMUM. TRAVEL DISTANCE PROVIDED	= 38' - 8"
MINIMUM. EXIT SEPARATION	= 87' - 3" (MAXIMUM DIAGONAL) / 2 = 43' - 7 1/2"
EXIT SEPARATION PROVIDED	= 49' - 3 1/4"

PLUMBING FIXTURE CALCULATIONS

CHAPTER29-2018 IBC TABLE 2902.1

OCCUPANCY	MALE	FEMALE	TOTAL
	30 OCC.	30 OCC.	60 OCC.

FIXTURES	WATER CLOSETS			URINALS*	LAVATORY		WATER FOUNTAIN**
	2 PER 100			1 PER 200	1 PER 200		1 PER 100 OR STATION
	REQUIRED	1 M	1 F	0 M	1 M	1 F	0
	PROVIDED	1 M	1 F	0 M	1 M	1 F	0

*IN EACH BATHROOM OR TOILET ROOM, URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 67% OF THE REQUIRED WATER CLOSETS IN ASSEMBLY OCCUPANCIES.

**RETAIL ESTABLISHMENT SERVES WATER UPON REQUEST.

ROOM SCHEDULE

NAME	AREA
BACKBAR	624 SF
WORKROOM	518 SF
RESTROOM VESTIBULE	119 SF
RESTROOM 1	53 SF
RESTROOM 2	53 SF
CAFE	890 SF
GRAND TOTAL	2258 SF

OCCUPANCY CALCULATIONS

CAFE: 690 SQ. FT. / 15 SQ. FT./ OCC.	46 OCC.
MERCANTILE: 200 SQ. FT. / 30 SQ. FT. / OCC.	7 OCC.
BAR: 624 SQ. FT. / 200 SQ. FT. /	3 OCC.
WORKROOM: 519 SQ. FT. / 300 SQ. FT. / OCC.	2 OCC.
RESTROOMS: 106 SQ. FT. / 300 SQ. FT. / OCC.	1 OCC.
VESTIBULE: 119 SQ. FT. / 300 SQ. FT. / OCC.	1 OCC.
TOTAL OCC. LOAD:	**60 OCC.**

HEALTH DEPT. PLAN NOTES

A. GENERAL CONTRACTOR TO SCHEDULE WITH REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR APPROVED CONTRACTOR, CONTACT THE VENDOR.

B. THE SPACE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.

C. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.

D. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS

E. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.

F. EACH HAND WASHING SINK WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.

G. REFERENCE INTERIOR SCHEDULE SHEETS (I600 SERIES) FOR ADDITIONAL INFORMATION.

H. PROVIDE SNEEZE GUARDS WHERE REQUIRED BY JURISDICTION.

I. ALL FOOD STORAGE AND DISPLAY SHELVING SHALL BE A MINIMUM 6" (150MM) ABOVE FINISH FLOOR.

LEGEND

- X'-X" (XXMM) — TRAVEL DISTANCE
- BARRIER FREE PATH OF TRAVEL (MIN 3'-0" (915MM) - NO PINCH POINT)
- EMERGENCY LIGHT
- EXIT SIGN
- FIRE EXTINGUISHER
- ADA ACCESSIBLE SEATING 36" (915MM) X 48" (1220MM) CLEAR AREA

KEYED NOTES

1. THRESHOLDS TO BE BARRIER FREE COMPLIANT PER ALL APPLICABLE CODES.
2. BARRIER-FREE PATH OF TRAVEL.
3. 30" (160 MM) X 48" (1220 MM) CLEAR FOR WHEELCHAIR ACCESS.
4. 60" (1525 MM) DIAMETER MINIMUM TURN RADIUS FOR WHEELCHAIR ACCESS.
5. 32" (815 MM) MINIMUM CLEAR AT RESTROOM DOOR.
6. POS TRANSACTION PLANE, CONDIMENT CART TOP AND HAND-OFF PLANE ARE 34 INCHES (860 MM) ABOVE THE FINISHED FLOOR FOR WHEELCHAIR ACCESSIBILITY.
7. PROVIDE BARRIER-FREE SIGNAGE AT ACCESSIBLE RESTROOMS PER ALL APPLICABLE CODES.
8. PROVIDE TACTILE "EXIT" SIGNAGE.
9. PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN WHERE REQUIRED BY APPLICABLE LAWS OR CODES.
10. ADA EXIT SIGNAGE.

HEALTH DEPT. FINISH SCHEDULE

BAR
FLOOR: POLYVINYL FLOORING
WALL: WALL TILE, BACKSPLASH, WOOD PLANKS, WITH POLYVINYL BASE
CEILING: GYPSUM CEILING

CAFE
FLOOR: CONCRETE STAIN FINISH
WALL: GYP. W/ VINYL WALL COVERING, WOOD PLANK
CEILING: GYPSUM CEILING, ACT

WORKROOM
FLOOR: POLYVINYL FLOORING
WALL: FRP WITH POLYVINYL BASE
CEILING: ACOUSTICAL CEILING TILE

RESTROOM
FLOOR: CONCRETE STAIN FINISH
WALL: WALL TILE
CEILING: GYPSUM CEILING

MEANS OF EGRESS NOTES

A. EVERY ROOM OR SPACE THAT IS ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT ACCESS DOORWAY. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER AUTHORIZED AGENT. (1004.3)

B. EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES. (1014.2)

C. PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (1008.1.10):

1) THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
2) THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS (6.8 KG).
3) PIVOTED OR BALANCED DOORS SHALL BE OF THE PUSH-PAD TYPE WHERE PANIC HARDWARE IS REQUIRED AND THE PAD SHALL NOT EXTEND ACROSS MORE THAN ONE-HALF OF THE DOOR WIDTH, MEASURED FROM THE LATCH SIDE.
4) PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.
5) FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.

D. STRUCTURAL ELEMENTS, FIXTURES OR FURNISHINGS SHALL NOT PROJECT HORIZONTALLY FROM EITHER SIDE MORE THAN 4 INCHES (100 MM) OVER ANY WALKING SURFACE BETWEEN 27 INCHES (685 MM) AND 80 INCHES (2030 MM) ABOVE THE WALKING SURFACE. EXCEPTION: HANDRAILS SERVING STAIRS AND RAMPS ARE PERMITTED TO PROTRUDE 4 1/2 INCHES (115 MM) FROM THE WALL. (1003.3.3)

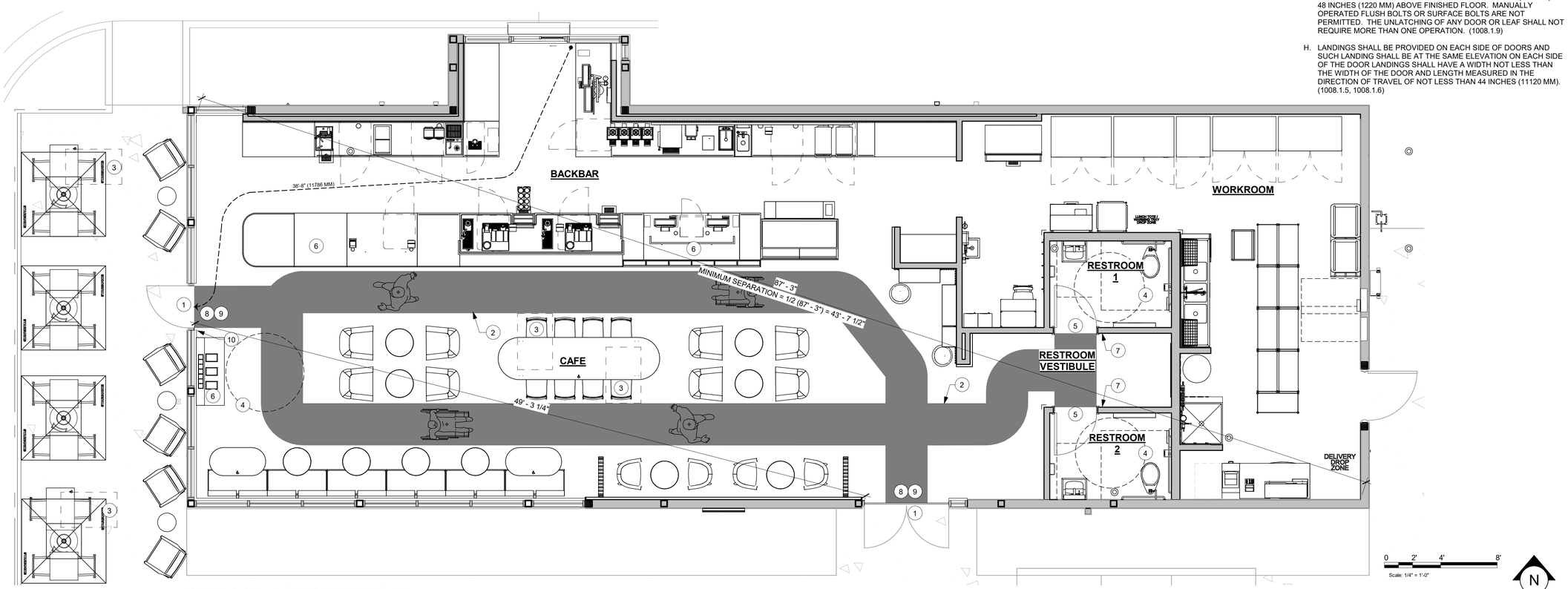
E. THE PATH OF EGRESS TRAVEL EXITS AND WITHIN EXITS IN THIS BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF SECTION 1011 AND AS NOTED BELOW:

1) EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.
2) EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL.
3) NO POINT IN A CORRIDOR SHALL BE MORE THAN 100 FT (30.5 M) OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.

F. WHERE KEY OPERATED LOCKING DEVICES ARE USED, POST A SIGN ON OR ADJACENT TO THE REQUIRED MAIN EXIT DOOR WITH 1 INCH (25 MM) LETTERING STATING THAT "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". (1008.1.9.3)

G. EGRESS DOORS OR GATES SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES (860 MM) TO 48 INCHES (1220 MM) ABOVE FINISHED FLOOR. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. (1008.1.9)

H. LANDINGS SHALL BE PROVIDED ON EACH SIDE OF DOORS AND SUCH LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR LANDINGS SHALL HAVE A WIDTH NOT LESS THAN THE WIDTH OF THE DOOR AND LENGTH MEASURED IN THE DIRECTION OF TRAVEL OF NOT LESS THAN 44 INCHES (11120 MM). (1008.1.5, 1008.1.6)



1 1ST FLOOR - LIFE SAFETY PLAN
Scale: 1/4" = 1'-0"

STARBUCKS®
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STARBUCKS TEMPLATE VERSION: i2021-01-22

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GPD PROJECT NO: 2020261.36

MARK S. SALOPEK REGISTERED ARCHITECT 10433 OHIO
GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION REGISTERED ARCHITECTURAL CORPORATION No. 52715 NORTH CAROLINA MICHIGAN AKRON, OH

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
LIFE SAFETY AND ACCESSIBILITY PLAN
SCALE: AS SHOWN

SHEET NUMBER:
G002

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: Starbucks – Hwy 24 & Brinkley Hill
Address: 2778 NC-24, Cameron, NC 28236 Zip Code 27705
Owner/Authorized Agent: Mike Erickson Phone # (980) 938 - 5471 E-Mail ______
Owned By: [ ] City/County [X] Private [ ] State
Code Enforcement Jurisdiction: [X] City Cameron [ ] County ______ [ ] State

CONTACT:

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	GPD Engineering and Architecture Professional Corporation - 52715	Mark S. Salopek, AIA	10433	(330) 572-3561	msalopek@gpdgroup.com
Civil				( )	
Electrical	GPD Engineering and Architecture Professional Corporation - C3879	Steven P. Schaub	40102	(330) 572-3561	sschaub@gpdgroup.com
Fire Alarm				( )	
Plumbing	GPD Engineering and Architecture Professional Corporation - C3879	Brandon M. Marzley	41099	(330) 572-3561	bmarzley@gpdgroup.com
Mechanical	GPD Engineering and Architecture Professional Corporation - C3879	Brandon M. Marzley	41099	(330) 572-3561	bmarzley@gpdgroup.com
Sprinkler-Standpipe				( )	
Structural				( )	
Retaining Walls >5' High				( )	
Other				( )	

("Other" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE: [X] New Building [ ] Addition [ ] 1st Time Interior Completions
[ ] Shell/Core* [ ] Phased Construction*

*Contact the local inspection jurisdiction for possible additional procedures and requirements.

2018 NC EXISTING BUILDING CODE: [ ] Prescriptive [ ] Alteration Level I [ ] Historic Property
(check all that apply) [ ] Repair [ ] Alteration Level II [ ] Change of Use
[ ] Chapter 14 [ ] Alteration Level III

CONSTRUCTED: (date) presently **CURRENT OCCUPANCY(S)** (Ch. 3): B
RENOVATED: (date) ______ **PROPOSED OCCUPANCY(S)** (Ch. 3): B
OCCUPANCY CATEGORY (Table 1604.5): **Current:** V-B **Proposed:** V-B

BASIC BUILDING DATA
Construction Type: [ ] I-A [ ] II-A [ ] III-A [ ] IV [ ] V-A
[ ] I-B [ ] II-B [ ] III-B [X] V-B
Sprinklers: [X] No [ ] Partial [ ] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Standpipes: [X] No Class [ ] I [ ] II [ ] III [ ] Wet [ ] Dry
Primary Fire District: [X] No [ ] Yes **Flood Hazard Area:** [X] No [ ] Yes
Special Inspections Required: [ ] Yes [X] No If special inspections are required, contact the local inspection jurisdiction for additional procedures and requirements.

Gross Building Area Table

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3rd Floor			
2nd Floor			
Mezzanine			
1st Floor	2,480 SF	2,480 SF	
Basement			
TOTAL	2,480 SF	2,480 SF	

ALLOWABLE AREA

Primary Occupancy Classification(s):
Assembly [ ] A-1 [ ] A-2 [ ] A-3 [ ] A-4 [ ] A-5
Business [X]
Educational [ ]
Factory [ ] F-1 Moderate [ ] F-2 Low
Hazardous [ ] H-1 Detonate [ ] H-2 Deflagrate [ ] H-3 Combust [ ] H-4 Health [ ] H-5 HPM
Institutional [ ] I-1 [ ] I-2 I-1 & I-2 Condition [ ] 1 [ ] 2
[ ] I-3 [ ] I-4 I-3 Condition [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
Mercantile [ ]
Residential [ ] R-1 [ ] R-2 [ ] R-3 [ ] R-4
Storage [ ] S-1 Moderate [ ] S-2 Low [ ] High-piled
[ ] Parking Garage [ ] Open [ ] Enclosed [ ] Repair Garage
Utility and Miscellaneous [ ]

Accessory Occupancy Classification(s): N/A
Incidental Uses (Table 509): N/A
Special Uses (Chapter 4 – List Code Sections): N/A
Special Provisions: (Chapter 5 – List Code Sections): N/A
Mixed Occupancy: [X] No [ ] Yes Separation: ____ Hr. Exception: ______
[ ] Non-Separated Use (508.3)
[ ] Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

N/A + N/A + ... = ______ ≤ 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2[4] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[2,3]
1	Restaurant	2,480 SF	2,480 SF	N/A	2,480 SF

[1] Frontage area increases from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = ______ (F)
b. Total Building Perimeter = ______ (P)
c. Ratio (F/P) = ______ (F/P)
d. W = Minimum width of public way = ______ (W)
[2] Unlimited area applicable under conditions of Section 507.
[3] Maximum Building Area = total number of stories in the building x D (maximum3 stories) (506.2).
[4] The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
[5] Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	40'-0"	20'-0"	N/A
Building Height in Stories (Table 504.4)	2	1	N/A

[1] Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/____* REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses		0					
Bearing Walls		0					
Exterior		0					
North		0					
East		0					
West		0					
South		0					
Interior		0					
Nonbearing Walls and Partitions Exterior walls		0					
North							
East							
West							
South							
Interior walls and partitions		0					
Floor Construction Including supporting beams and joists		0					
Floor Ceiling Assembly		0					
Columns Supporting Floors		N/A					
Roof Construction, including supporting beams and joists		0					
Roof Ceiling Assembly		0					
Columns Supporting Roof		0					
Shaft Enclosures - Exit		N/A					
Shaft Enclosures - Other		N/A					
Corridor Separation		N/A					
Occupancy/Fire Barrier Separation		N/A					
Party/Fire Wall Separation		N/A					
Smoke Barrier Separation		N/A					
Smoke Partition		N/A					
Tenant/Dwelling Unit/ Sleeping Unit Separation		N/A					
Incidental Use Separation		N/A					

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
> 30'	UP, NS	No Limit	

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: [X] No [ ] Yes
Exit Signs: [ ] No [X] Yes
Fire Alarm: [X] No [ ] Yes
Smoke Detection Systems: [X] No [ ] Yes [ ] Partial ______
Carbon Monoxide Detection: [X] No [ ] Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: G002

- [ ] Fire and/or smoke rated wall locations (Chapter 7)
- [ ] Assumed and real property line locations (if not on the site plan)
- [ ] Exterior wall opening area with respect to distance to assumed property lines (705.8)
- [X] Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
- [X] Occupant loads for each area
- [X] Exit access travel distances (1017)
- [X] Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
- [ ] Dead end lengths (1020.4)
- [X] Clear exit widths for each exit door
- [X] Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
- [ ] Actual occupant load for each exit door
- [ ] A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
- [ ] Location of doors with panic hardware (1010.1.10)
- [ ] Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
- [ ] Location of doors with electromagnetic egress locks (1010.1.9.9)
- [ ] Location of doors equipped with hold-open devices
- [ ] Location of emergency escape windows (1030)
- [ ] The square footage of each fire area (202)
- [ ] The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
- [ ] Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

EXISTING SHELL CONSTRUCTION - DOES NOT APPLY TO THIS SCOPE OF WORK

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED

ACCESSIBLE PARKING
(SECTION 1106)

EXISTING SHELL CONSTRUCTION - DOES NOT APPLY TO THIS SCOPE OF WORK

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	TOTAL # OF PARKING SPACES PROVIDED	# OF ACCESSIBLE SPACES PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL # ACCESSIBLE PROVIDED
TOTAL						

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SHOWERS /TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
SPACE	EXIST'G										
	NEW			1				1			
	REQ'D			1				1			

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

N/A

ENERGY SUMMARY

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: [X] (If checked the remainder of this section is not applicable.)

Exempt Building: [ ] Provide code or statutory reference:

Climate Zone: [ ] 3A [X] 4A [ ] 5A

Method of Compliance:
Energy Code [ ] Performance [ ] Prescriptive
ASHRAE 90.1 [ ] Performance [ ] Prescriptive
Other [ ] Performance (specify source) ______

EXISTING SHELL CONSTRUCTION - DOES NOT APPLY TO THIS SCOPE OF WORK

THERMAL ENVELOPE (Prescriptive method only)

Roof/ceiling Assembly (each assembly)
Description of assembly: ______
U-Value of total assembly: ______
R-Value of insulation: ______
Skylights in each assembly: ______
U-Value of skylight: ______
total square footage of skylights in each assembly: ______

Exterior Walls (each assembly)
Description of assembly: ______
U-Value of total assembly: ______
R-Value of insulation: ______
Openings (windows or doors with glazing)
U-Value of assembly: ______
Solar heat gain coefficient: ______
projection factor: ______
Door R-Values: ______

Walls below grade (each assembly)
Description of assembly: ______
U-Value of total assembly: ______
R-Value of insulation: ______

Floors over unconditioned space (each assembly)
Description of assembly: ______
U-Value of total assembly: ______
R-Value of insulation: ______

Floors slab on grade
Description of assembly: (existing wood floor joist in LL shell scope)
U-Value of total assembly: N/A
R-Value of insulation: N/A
Horizontal/vertical requirement: N/A
slab heated: N/A

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors: Wind (I_W) ______
Snow (I_S) ______
Seismic (I_E) ______

NO STRUCTURAL DESIGN SCOPE OF WORK

Live Loads: Roof ______ psf
Mezzanine ______ psf
Floor ______ psf

Ground Snow Load: ______ psf

Wind Load: Basic Wind Speed ______ mph (ASCE-7)
Exposure Category ______

SEISMIC DESIGN CATEGORY: [ ] A [ ] B [ ] C [ ] D
Provide the following Seismic Design Parameters:
Occupancy Category (Table 1604.5) [ ] I [ ] II [ ] III [ ] IV
Spectral Response Acceleration S_S ______ %g S_1 ______ %g
Site Classification (ASCE 7) [ ] A [ ] B [ ] C [ ] D [ ] E [ ] F
Data Source: [ ] Field Test [ ] Presumptive [ ] Historical Data
Basic structural system (check one)
[ ] Bearing Wall [ ] Dual w/Special Moment Frame
[ ] Building Frame [ ] Dual w/Intermediate R/C or Special Steel
[ ] Moment Frame [ ] Inverted Pendulum

EXISTING SHELL CONSTRUCTION - DOES NOT APPLY TO THIS SCOPE OF WORK

Analysis Procedure: [ ] Simplified [ ] Equivalent Lateral Force [ ] Dynamic
Architectural, Mechanical, Components anchored? [ ] Yes [ ] No

LATERAL DESIGN CONTROL: Earthquake [ ] Wind [ ]

SOIL BEARING CAPACITIES:
Field Test (provide copy of test report) ______ psf
Presumptive Bearing capacity ______ psf
Pile size, type, and capacity ______

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone
winter dry bulb: 22° F
summer dry bulb: 95° F

Interior design conditions
winter dry bulb: 70°F
summer dry bulb: 75°F
relative humidity: 55%

Building heating load: 100% heated

Building cooling load: 100% cooled

Mechanical Spacing Conditioning System
Unitary
description of unit: Rooftop units
heating efficiency: 80%
cooling efficiency: 11.3
size category of unit: 10 ton
Boiler
Size category. If oversized, state reason.: ______
Chiller
Size category. If oversized, state reason.: ______

List equipment efficiencies: ______

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance:
Energy Code: [ ] Prescriptive [ ] Performance
ASHRAE 90.1: [X] Prescriptive [ ] Performance

Lighting schedule (each fixture type)
lamp type required in fixture LED
number of lamps in fixture N/A
ballast type used in the fixture N/A
number of ballasts in fixture N/A
total wattage per fixture SEE SHEET E102
total interior wattage specified vs. allowed (whole building or space by space)
total exterior wattage specified vs. allowed N/A

Additional Efficiency Package Options
(When using the 2018 NCECC; not required for ASHRAE 90.1)
- [ ] C406.2 More Efficient HVAC Equipment Performance
- [X] C406.3 Reduced Lighting Power Density
- [ ] C406.4 Enhanced Digital Lighting Controls
- [ ] C406.5 On-Site Renewable Energy
- [ ] C406.6 Dedicated Outdoor Air System
- [ ] C406.7 Reduced Energy Use in Service Water Heating

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GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION REGISTERED ARCHITECTURAL CORPORATION No. 52715 NORTH CAROLINA AKRON, OH
AIA 09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
APPENDIX B

SCALE: AS SHOWN

SHEET NUMBER:
G003

3 3D View 3
Scale:

4 3D View 4
Scale:

1 3D View 1
Scale:

2 3D View 2
Scale:

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Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
3D VIEWS

SCALE: AS SHOWN

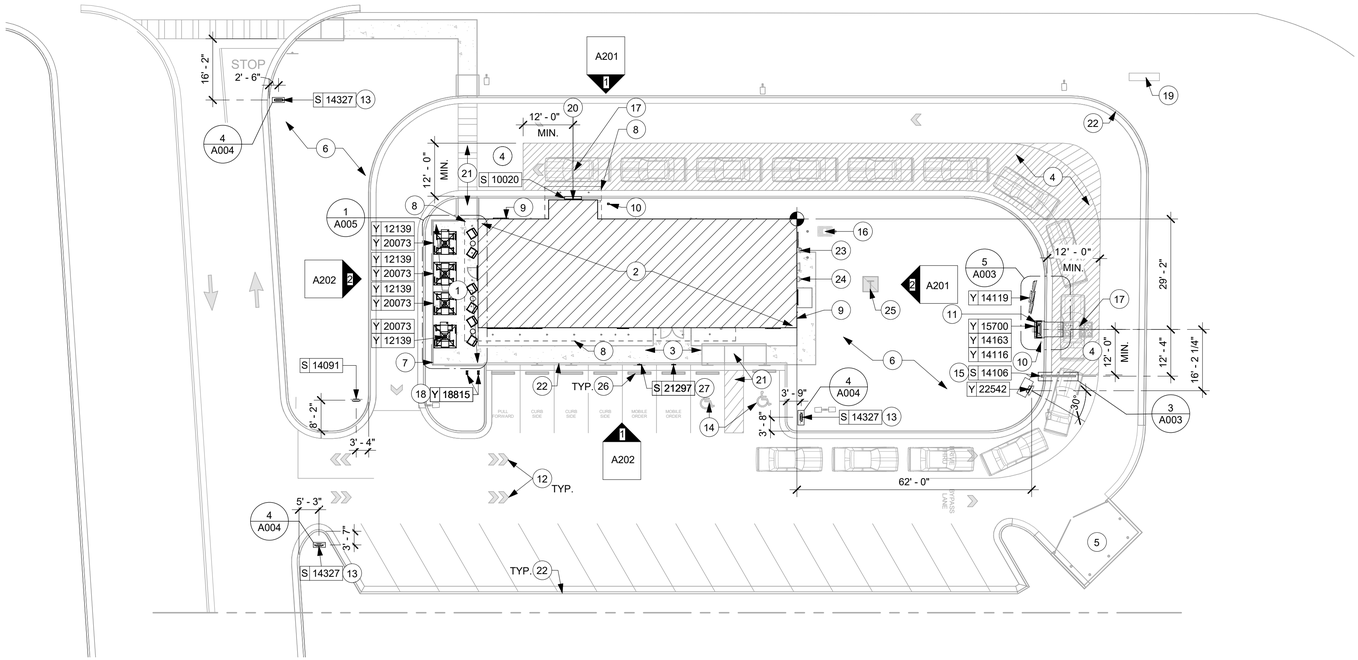
SHEET NUMBER:
G004

SITE SCHEDULE - "Y"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
14116	1	MENU BOARD - DT DIGITAL ORDER SCREEN - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
14119	1	5 PANEL MENU BOARD	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
15700	1	MENU BOARD - DT DIGITAL ORDER SCREEN CONTROL BOX	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
22542	1	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	GC	
OTHER					
10020	1	DT WINDOW SHELF - 48IN 1205MM - SST	LL	LL	VENDOR: READY ACCESS
14103	1	BOLLARD NONILLUMINATED	LL	LL	FOUNDATIONS BY LL.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
18815	2	BIKE RACKS	LL	LL	FOUNDATIONS BY LL.
UMBRELLA					
12139	4	UMBRELLA - BASE 95LB 43KG - SILVER MT0021	SB	GC	
20073	4	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - GREEN CANVAS WITH WORDMARK F0056	SB	GC	

EXTERIOR SIGNAGE SCHEDULE - "S"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - DISK						
13163	3	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 48IN 1220MM	SB	GC		
X13162	1	SIGN - DISK SF NON- ILLUMINATED FLUSH MOUNTED EVOLVED - 36IN 915MM	SB	GC		
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14099	3	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14106	1	CLEARANCE BAR	SB	GC		FOUNDATIONS BY GC.
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		BOTTOM OF SIGN AT 8' - 6" A.F.F. VENDOR : HILTON
21297	2	SIGN - 5 MINUTE PARKING	SB	GC		FOOTING PROVIDED BY AND INSTALLED BY GC
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC		
SIGNAGE - WORDMARK						
18497	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	GC		



1 1ST FLOOR - SITE PLAN
Scale: 1" = 20'-0"

KEYED NOTES

1. STARBUCKS PATIO / SEATING AREA.
2. HATCH INDICATES STARBUCKS TENANT SPACE.
3. SIDEWALKS, BY LL, ENSURE ACCESSIBLE PATH OF TRAVEL TO ENTRY.
4. MINIMUM 12'-0" WIDE 6" THICK CONCRETE DRIVE-THRU LANE WITH 6" CURB. EXTEND 12' BEYOND CENTERLINE OF DT WINDOW AND 12' BEFORE ORDER POINT. (BY LL)
5. TRASH ENCLOSURE, BY LL.
6. LANDSCAPE AREA, BY LL.
7. PATIO RAILING, BY LL, REFER TO SHELL CONSTRUCTION DRAWINGS.
8. CANOPY ABOVE, BY LL.
9. HOSE BIBB (BY LL). LOCATION PER SHELL DRAWINGS, SEE SHELL DRAWINGS FOR ADDITIONAL INFORMATION.
10. NON-ILLUMINATED BOLLARD AND FOOTING, BY LL.
11. STARBUCKS DRIVE-THRU EQUIPMENT. ASSOCIATED FOUNDATION AND ELECTRICAL CONDUIT WITH PULL STRINGS BY LL, SEE STRUCTURAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
12. DIRECTIONAL GRAPHIC, BY LL.
13. SITE DIRECTIONAL SIGNAGE LOCATION. ASSOCIATED FOOTING AND ELECTRICAL CONDUIT WITH PULL STRINGS BY LL. SEE STRUCTURAL AND ELECTRICAL DRAWINGS.
14. ACCESSIBLE PARKING SPACES, BY LL, SEE CIVIL PLANS.
15. DT CLEARANCE BAR LOCATION. ASSOCIATED FOOTING BY LL.
16. PROPOSED LOCATION OF BELOW-GROUND GREASE INTERCEPTOR, BY LL, SEE PLUMBING DRAWINGS.
17. DT DETECTOR LOOP AT ORDER POINT AND DT WINDOW, BY LL, SEE ELECTRICAL FOR MORE INFORMATION.
18. HOOP BIKE RACK, BY LL. SEE SHELL BUILDING CONSTRUCTION DRAWINGS FOR DETAILS.
19. LOCATION OF POLE SIGN BY LANDLORD. ASSOCIATED FOOTING AND ELECTRICAL CONDUIT WITH PULL STRINGS BY G.C., FOOTINGS AND SIGN TO BE DESIGNED AND PERMITTED BY OTHERS UNDER SEPARATE SUBMITTAL.
20. DRIVE-THRU WINDOW WITH AIR CURTAIN, BY LL.
21. STRIPING AND CURB RAMP BY LL.
22. 6" CONCRETE CURB, TYPICAL.
23. GAS METER LOCATION BY LL.
24. ELECTRICAL CABINET AND METER LOCATION BY LL.
25. LOCATION FOR PAD MOUNTED TRANSFORMER, BY LL. CONFIRM WITH UTILITY COMPANY.
26. WHEEL STOPS BY LL.
27. LOCATION OF MOP CUSTOMER PARKING SIGNAGE.

GENERAL NOTES

A. REFER TO EXTERIOR ELEVATIONS ON SHEET A201 FOR BUILDING SIGNAGE LOCATION AND DESIGN ID. REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.

B. LANDSCAPING TO BE PROVIDED PER ZONING CODE AND SUSTAINABILITY REQUIREMENTS.

C. DRIVE-THRU EQUIPMENT INCLUDING VEHICLE DETECTION LOOP, WIRELESS COMMUNICATION AND MONITORS SHALL BE COORDINATED BY STARBUCKS CONSTRUCTION MANAGER. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

D. PROVIDE 6" (150MM) THICK CONCRETE PAVING THE LENGTH OF THE DRIVE-THRU LANE, EXTENT TO INCLUDE DRIVE-THRU ENTRY POINT THROUGH WINDOW STANDING PAD.

E. GENERAL CONTRACTOR TO APPLY CONCRETE SEALER TO ALL EXTERIOR CONCRETE PATIO AND WALKWAY SURFACES.

F. GENERAL CONTRACTOR TO VERIFY ALL EXISTING ELEVATIONS AND BUILDING CONDITIONS IN FIELD PRIOR TO START OF CONSTRUCTION.

G. PROVIDE DETECTABLE WARNING (IF APPLICABLE PER LOCAL CODE) AT TRANSITION FROM SIDEWALK TO DRIVE AISLE.

H. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL HAVE SURFACE SLOPE NOT TO EXCEED 2% IN ALL DIRECTIONS.

I. REFER TO ELECTRICAL DRAWINGS FOR SITE RELATED ELECTRICAL WORK.

J. SCRAPE AND REPAINT ALL EXISTING PAINTED SITE FEATURES, INCLUDING, BUT NOT LIMITED TO CURBS, BOLLARDS, RAILINGS AND SITE LIGHTING BASES.

K. SEE SHEET A002 FOR ARCHITECTURAL SITE DETAILS.

LEGEND

- LANDSCAPE AREA
- NEW CONCRETE WALKWAY
- NEW 6" (150MM) CONCRETE CURB
- CONCRETE DRIVE THRU LANE
- ACCCESSIBLE PATH OF TRAVEL

0 500 1000
Scale: 1:20

N

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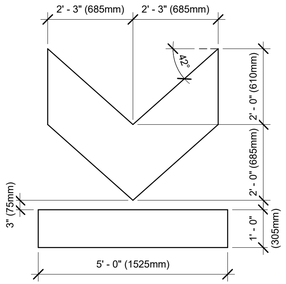
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

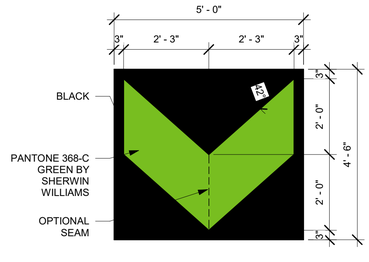
SHEET TITLE:
ARCHITECTURAL SITE PLAN
SCALE: AS SHOWN

SHEET NUMBER:
A001



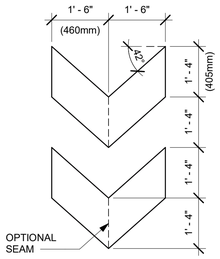
6 DTE - WAYFINDING GRAPHIC ARROW - EXIT

Scale: 1/2" = 1'-0"



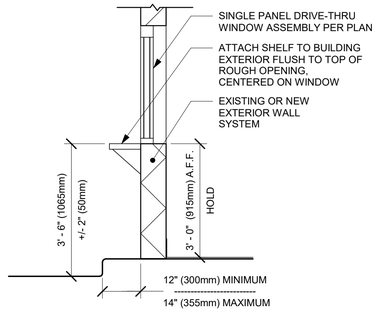
7 DTE - WAYFINDING GRAPHIC ARROW - SINGLE

Scale: 1/2" = 1'-0"



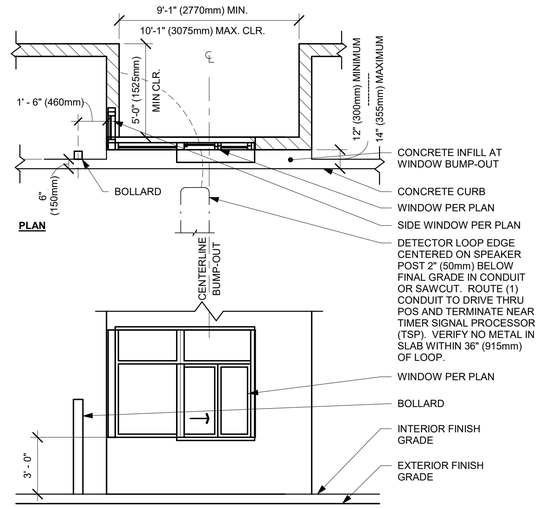
8 DTE - WAYFINDING GRAPHIC ARROW - DOUBLE

Scale: 1/2" = 1'-0"



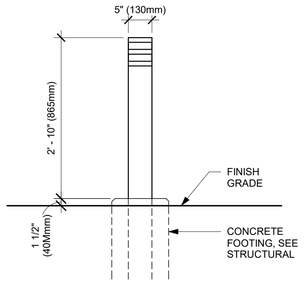
9 DRIVE THRU WINDOW

Scale: 1/2" = 1'-0"



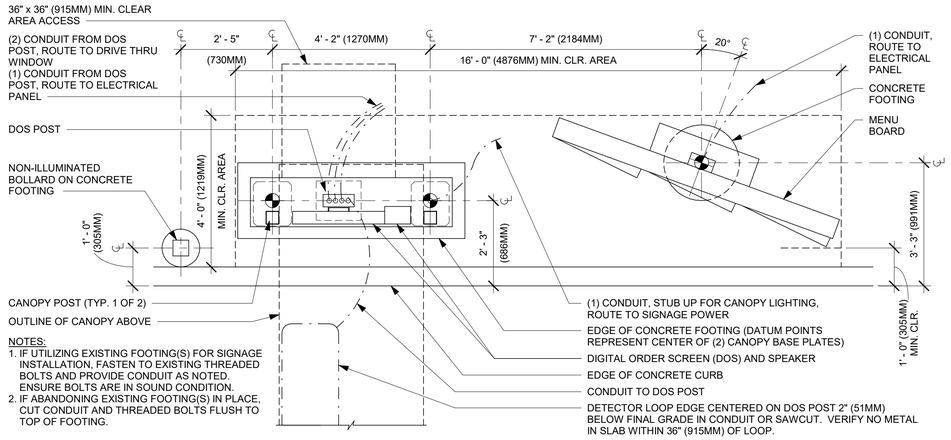
10 DTE - DRIVE THRU WINDOW BUMP-OUT

Scale: 1/4" = 1'-0"



4 DTE - NON-ILLUMINATED BOLLARD

Scale: 3/4" = 1'-0"

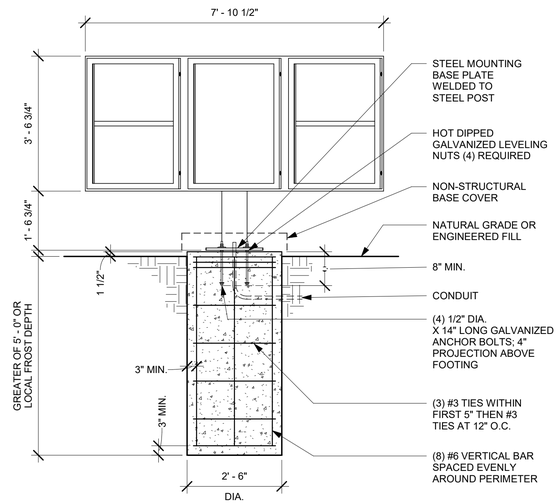


5 DTE - 5 PANEL 20º DT MENU BOARD, DIGITAL ORDER SCREEN WITH CANOPY

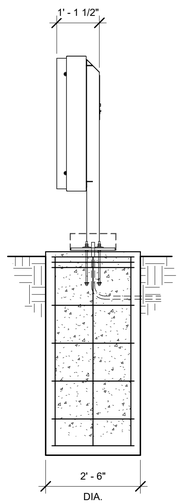
Scale: 1/2" = 1'-0"

NOTE: UNDERGROUND ELECTRICAL CONDUITS FOR DRIVE THRU EQUIPMENT FURNISHED AND INSTALLED BY LL WITH PULL STRINGS. FOOTINGS BY GC.

FRONT ELEVATION



SIDE ELEVATION



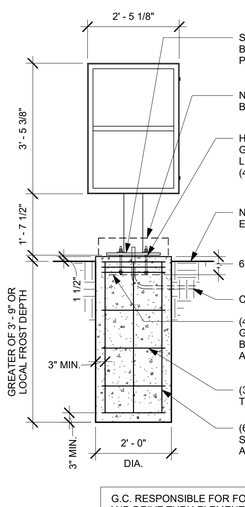
G.C. RESPONSIBLE FOR FOUNDATIONS AND FOOTINGS ON ALL MENU BOARD AND DRIVE THRU ELEMENTS. SIGNAGE VENDOR TO SUPPLY TEMPLATES AND INSTALL MENU BOARDS ONLY.

SITE-SPECIFIC FOOTING ENGINEERING REQUIRED BY LICENSED ENGINEER

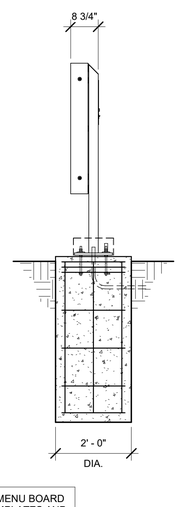
1 DTE - MENU 5 PANEL FREESTANDING

Scale: 1/2" = 1'-0"

FRONT ELEVATION



SIDE ELEVATION

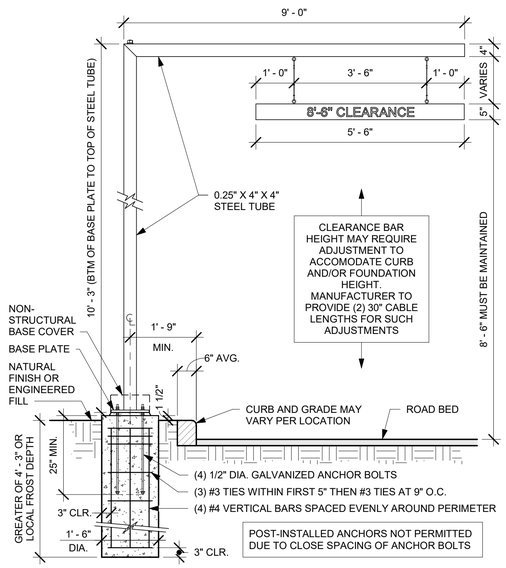


G.C. RESPONSIBLE FOR FOUNDATIONS AND FOOTINGS ON ALL MENU BOARD AND DRIVE THRU ELEMENTS. SIGNAGE VENDOR TO SUPPLY TEMPLATES AND INSTALL MENU BOARDS ONLY.

SITE-SPECIFIC FOOTING ENGINEERING REQUIRED BY LICENSED ENGINEER

2 DTE - PRE-MENU FREESTANDING

Scale: 1/2" = 1'-0"



G.C. RESPONSIBLE FOR FOUNDATIONS AND FOOTINGS ON ALL MENU BOARD AND DRIVE THRU ELEMENTS. SIGNAGE VENDOR TO SUPPLY TEMPLATES AND INSTALL MENU BOARDS ONLY.

SITE-SPECIFIC FOOTING ENGINEERING REQUIRED BY LICENSED ENGINEER

3 DTE - CLEARANCE BAR

Scale: 1/2" = 1'-0"

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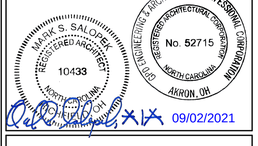
GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

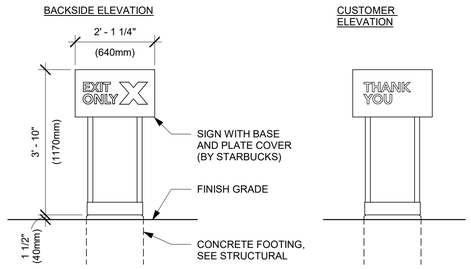
Revision Schedule

Rev	Date	By	Description

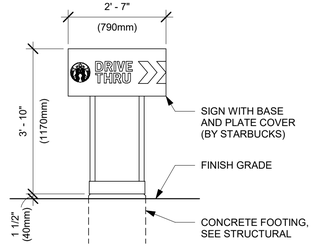
SHEET TITLE:
ARCHITECTURAL SITE DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
A003

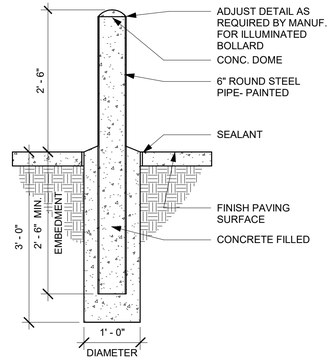
NOTE: UNDERGROUND ELECTRICAL CONDUITS FOR DRIVE THRU EQUIPMENT FURNISHED AND INSTALLED BY LL WITH PULL STRINGS. FOOTINGS BY GC.



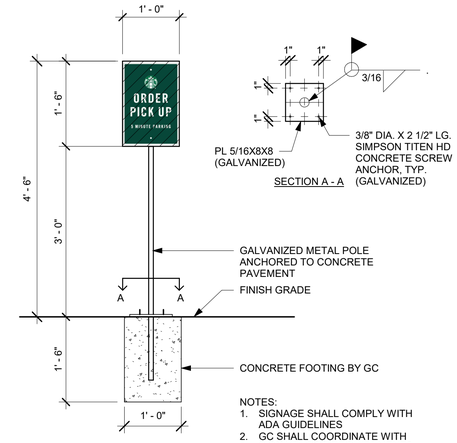
3 DTE - DIRECTIONAL SIGN
Scale: 1/2" = 1'-0"



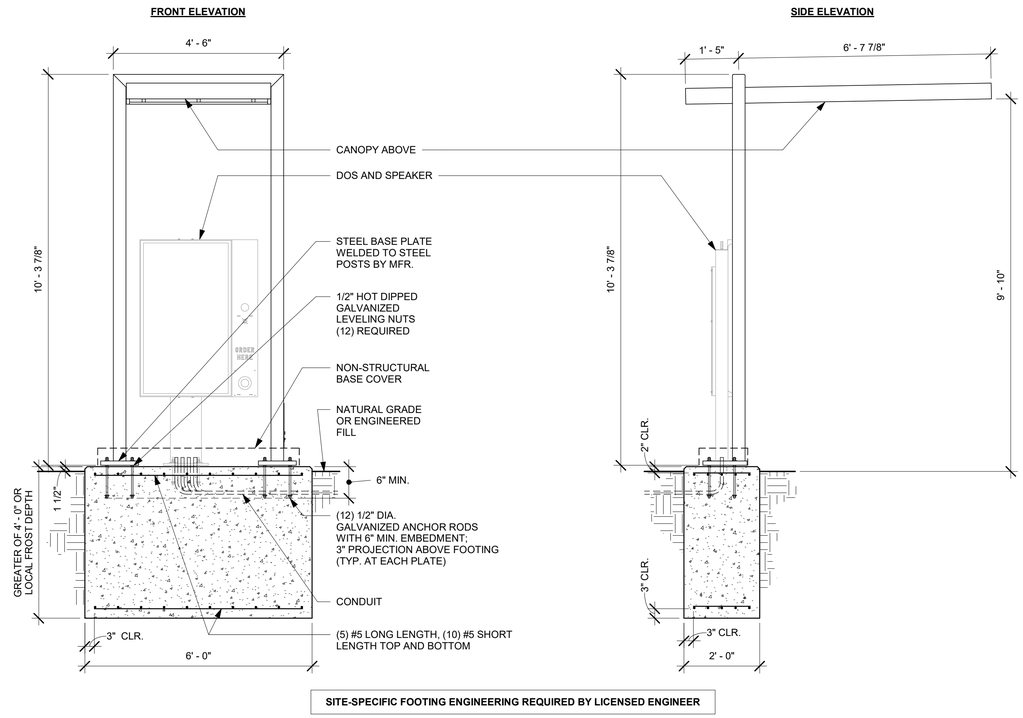
4 DTE - DIRECTIONAL SIGN - ENTRY
Scale: 1/2" = 1'-0"



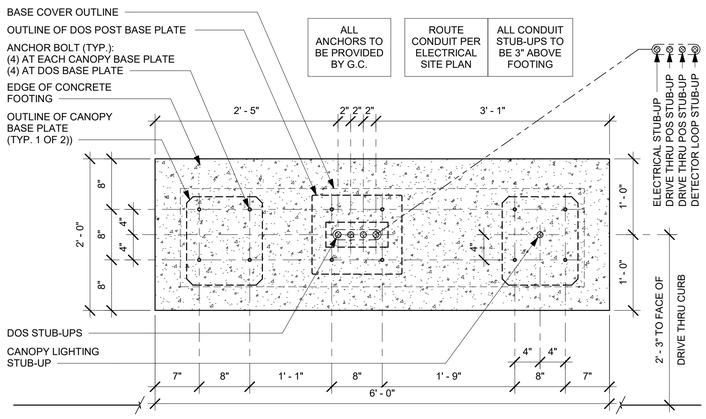
5 SITE - BOLLARD DETAIL - BY LL
Scale: 3/4" = 1'-0"



6 MOP FOOTING (BY GC)
Scale: 3/4" = 1'-0"



1 DTE - DIGITAL ORDER SCREEN AND CONTROL BOX WITH CANOPY
Scale: 1/2" = 1'-0"



2 DTE DOS CANOPY BOLT PATTERN (TOP VIEW)
Scale: 1" = 1'-0"

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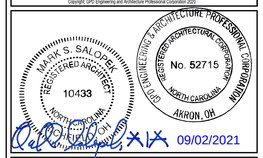

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

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CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ARCHITECTURAL SITE DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
A004

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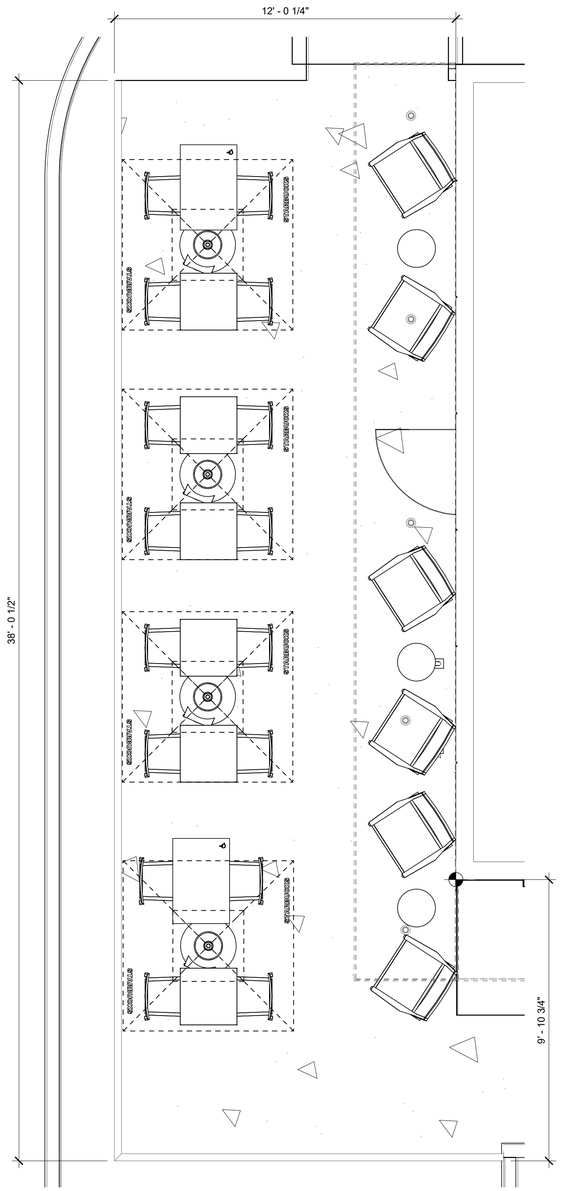


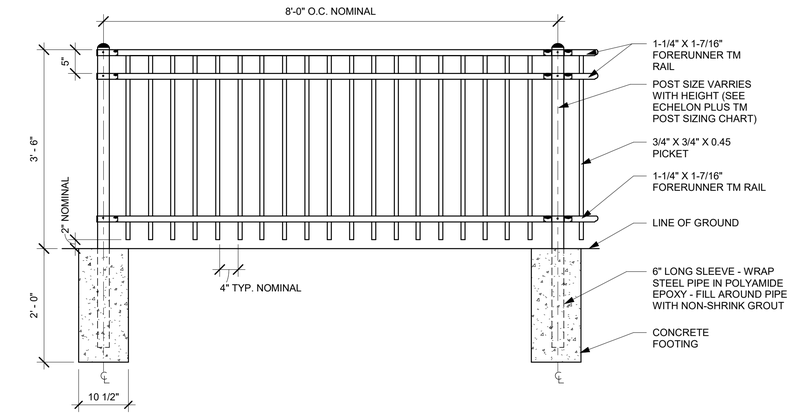
1 PATIO RAILING CALL OUT
Scale: 3/8" = 1'-0"

RAILING SPECIFICATION:

MANUFACTURER: AMERISTAR FENCE
STYLE: ECHELON PLUS 3/4 RAIL MAJESTIC PANEL

FINISH: BLACK POWDER-COATED ALUMINUM

NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS TO STARBUCKS CONSTRUCTION MANAGER FOR APPROVAL



2 RAILING DETAIL
Scale: N.T.S.

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GPD PROJECT NO: 2020261.36

MARK S. SALOPEK REGISTERED ARCHITECT 10433 NORTH CAROLINA
GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION No. 52715 NORTH CAROLINA AKRON, OH
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
RAILING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
A005

9/2/2021 8:54:25 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

WALL TYPE SCHEDULE

TAG	DESCRIPTION	INSULATION	NOTES
1-T-N	1 1/2" 20 GA STUD FURRING WALL	NONE	TERMINATE 6" ABOVE CEILING. SEE PLAN FOR WALL SHEATHING.
2-T-N	3 5/8" 20 GA STUD FURRING WALL	NONE	TERMINATE 6" ABOVE CEILING. SEE PLAN FOR WALL SHEATHING.
3-F-A	3 5/8" 20 GA STUDS @ 16" O.C.	ACOUSTIC	FULL HT. WALL. SEE PLAN FOR WALL SHEATHING.
3-F-N	3 5/8" 20 GA STUDS @ 16" O.C.	NONE	FULL HT. WALL. SEE PLAN FOR WALL SHEATHING.
3-P-N	3 5/8" 16 GA STUDS @ 16" O.C.	NONE	PARTIAL HT. WALL W/ RCKW RIGID CONNECTORS AT FLOOR. SEE ELEVATIONS FOR WALL HT. SEE PLAN FOR WALL SHEATHING.
3-T-N	3 5/8" 20 GA STUDS @ 16" O.C.	NONE	TERMINATE 6" ABOVE CEILING. PROVIDE 45 DEGREE METAL STUD BRACING AT 48" O.C. FROM STUD WALL TO STRUCTURE ABOVE. SEE PLAN FOR WALL SHEATHING.
4-F-A	6" 20 GA STUDS @ 16" O.C.	ACOUSTIC	FULL HT. WALL. SEE PLAN FOR WALL SHEATHING.

WALL BLOCKING KEY

SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH
A	WORKROOM HAND SINK	128 LBS (58 KG)	36" TO 40" (915MM TO 1015MM)	30" (760MM) BEHIND SINK
B	SHELVES ABOVE COMPARTMENT SINK	200 LBS (91 KG)	48" TO 76" (1220MM TO 1930MM)	96" (2440MM) CENTERED ABOVE COMPARTMENT SINK
C	UPPER WIRE SHELVES	BLOCKING SPECIFICATION TO BE PROVIDED BY VENDOR		
D	SHELVES AT MANAGER'S DESK	300 LBS (136 KG)	32" TO 96" (810MM TO 2440MM)	48" (1220MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON SHELVES
E	EQUIPMENT RACK AT MANAGER'S DESK	300 LBS (136 KG)	44" TO 96" (1120MM TO 2440MM)	28" (710MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON RACK
F	METRO SHELVES	BLOCKING SPECIFICATION TO BE PROVIDED BY VENDOR. IN-WALL BLOCKING PREFERRED, HOWEVER EXISTING FRP FINISHED WALL MAY RECEIVE SURFACE MOUNTED, PAINTED WHITE.		
G	RESTROOM GRAB BARS	200 LBS (91 KG)	30" TO 36" (760MM TO 915MM)	60" (1525MM) AROUND WATER CLOSET
H	RESTROOM HAND SINK	200 LBS (91 KG)	COMMERCIAL INSTALLATION REQUIRES CONCEALED ARM CARRIER. REFER TO MFR'S SPECIFICATION.	
I	MILLWORK BOXES	BLOCKING SPECIFICATION FOR FRENCH CLEATING SYSTEM. REFER TO DETAILS.		
J	DIAPER CHANGING STATION	250 LBS (113 KG)	40 1/2" TO 46 1/2" (1030MM TO 1180MM)	32" (810MM) BEHIND STATION
K	UPPER CBE SHELVING	BLOCKING SPECIFICATION FOR CBE METAL SHELVES. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
L	WATER FILTRATION SYSTEM	TBD BY VENDOR	COORDINATE LOCATION AND EXTENT WITH PENTAIR	
M	ALL ARTWORK, FIXTURES, ACCESSORIES AND CASEWORK FABRICATIONS NOT OTHERWISE NOTED	TBD BY VENDOR (VARIES)	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.	

WALL SHEATHING KEY

SYMBOL	DESCRIPTION
▲	INDICATES SHEATHING TRANSITION
A	5/8" GYP. WALL BOARD (FULL WALL HEIGHT)
B	5/8" GYP. WALL BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)
C	5/8" CEMENTITIOUS BACKER BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)
D	5/8" CEMENTITIOUS BACKER BOARD (TERMINATE AT FINISH TRANSITION AS SHOWN ON INTERIOR ELEVATION W/ 5/8" GYP. WALL BOARD ABOVE (FULL WALL HEIGHT)).
E	5/8" FIRE RATED PLYWOOD BACKING FOR WOOD WALL CLADDING (TERMINATE AT 6" ABOVE CEILING).
F	(1) LAYER OF TYPE 'X' WATER RESITANT GYP. BD.

KEYED NOTES

1. INSTALL NEW CONCRETE SLAB OVER VAPOR BARRIER OVER EXISTING COMPACTED FILL. IF APPLICABLE: REFER TO STRUCTURAL FOR CONNECTION OF NEW SLAB TO EXISTING.
2. OUTLINE OF BAR PER CASEWORK MANUFACTURER.
3. ELECTRICAL PANEL LOCATIONS. MAINTAIN MINIMUM CLEARANCE AS REQUIRED BY CODE.
4. ALIGN FACE OF FINISHED WALL.
5. OUTLINE OF SOFFIT ABOVE.
6. OUTLINE OF CANOPY ABOVE.
7. FUR OUT INTERIOR FACE OF WALL.

GENERAL NOTES

A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.

B. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT TO SUPPORT ANY WALL ATTACHMENT AND/OR SIGNAGE.

C. IF EXISTING EXTERIOR ENTRANCE THRESHOLD EXCEEDS MINIMUM BARRIER FREE PROVISION OF THE CODE, REMOVE AND REPLACE WITH ACCESSIBLE THRESHOLD. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS TO BE BEVELED WITH A SLOPE NO GREATER THAN 1:12.

D. ALL DIMENSIONS ARE TO FINISHED FACE UNLESS SHOWN OR NOTED OTHERWISE.

E. INSTALL MOISTURE RESISTANT GREEN BOARD ON BACKBAR WALL PER PROJECT MANUAL.

F. ALL DOORS SHALL BE 32" (815MM) MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION UNLESS OTHERWISE NOTED.

G. SEE SHEET A601 FOR EXTERIOR DOOR AND WINDOW SCHEDULES.

H. STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS AND GC TO INSTALL.

I. VERIFY ALL EXISTING DOORS, HARDWARE AND FRAMES MEET STARBUCKS AND/OR CODE REQUIREMENTS.

J. PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE CITY.

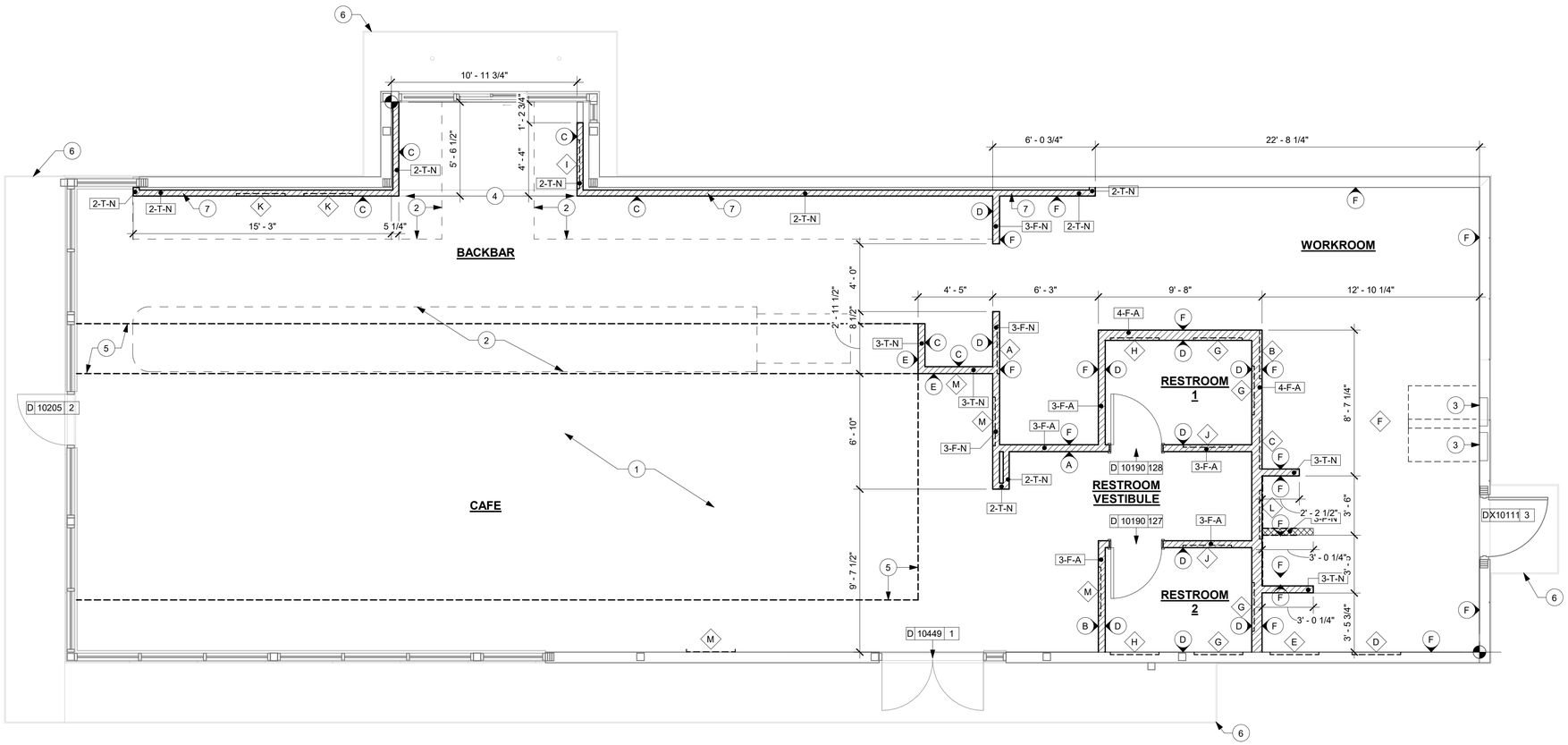
K. SEE STRUCTURAL FOR KNEE WALL BRACING.

L. SEE SHEET A501 FOR BUILDING DETAILS.

M. REFER TO SHEET I104 FOR FLOOR FINISHES.

GENERAL LEGEND

- NEW FULL HEIGHT WALL
- NEW PARTIAL HEIGHT WALL
- EXISTING WALL
- XX — WALL BLOCKING CALL-OUT
- XX — WALL SHEATHING CALL-OUT



1 1ST FLOOR - FLOOR PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

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09/02/2021

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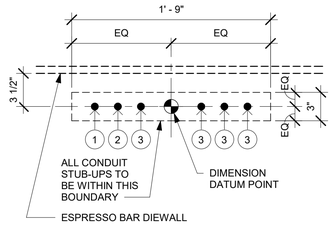
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING FLOOR PLAN

SCALE: AS SHOWN

SHEET NUMBER:
A101

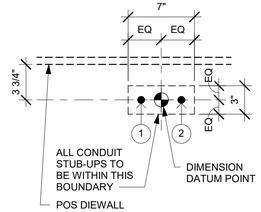


ESPRESSO BAR ELECTRICAL STUB-UP KEY	
1	3/4" LAN CONDUIT
2	3/4" LAN CONDUIT TO MANAGER'S WORKSTATION
3	3/4" ISOLATED GROUND POWER CONDUIT

NOTE: SEE SHEET A102 - BUILDING FLOOR PENETRATION PLAN FOR FINAL DIMENSIONED LOCATION.

2 STUB-UP @ FRONTBAR

Scale: 1 1/2" = 1'-0"

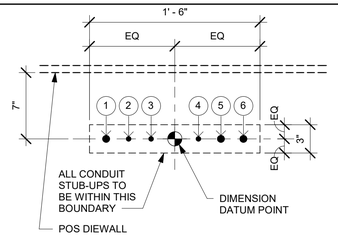


ESPRESSO BAR PLUMBING STUB-UP KEY	
1	CWF STUB-UP
2	CW STUB-UP

NOTE: SEE SHEET A102 - BUILDING FLOOR PENETRATION PLAN FOR FINAL DIMENSIONED LOCATION.

3 STUB-UP @ FRONTBAR

Scale: 1 1/2" = 1'-0"



POS ELECTRICAL STUB-UP KEY	
1	3/4" POWER CONDUIT TO ELECTRICAL PANEL
2	1/2" PHONE TO MANAGER'S DESK
3	1/2" DATA CONDUIT TO MANAGER'S DESK
4	1/2" SECURITY TO MANAGER'S DESK
5	3/4" LAN CONDUIT TO POS/SAFE
6	3/4" POWER CONDUIT FOR PASTRY CASE

NOTE: SEE SHEET A102 - BUILDING FLOOR PENETRATION PLAN FOR FINAL DIMENSIONED LOCATION.

4 STUB-UP @ POS/SAFE

Scale: 1 1/2" = 1'-0"

KEYED NOTES

1. ELECTRICAL STUB-UP LOCATION. SEE ELECTRICAL DRAWINGS.
2. PLUMBING STUB-UP LOCATION. SEE PLUMBING DRAWINGS.
3. FLOOR SINK LOCATION. SEE PLUMBING DRAWINGS.
4. FLOOR DRAIN LOCATION. SEE PLUMBING DRAWINGS
5. FLOOR CLEAN-OUT. SEE PLUMBING DRAWINGS.
6. MOP SINK WASTE.
7. WATER CLOSET WASTE.
8. GREASE WASTE INTERCEPTOR, SEE PLUMBING DRAWINGS.
9. BANQUETTES WITH THROUGH-SLAB POWER THROUGH TABLE BASE, SEE ELECTRICAL DRAWINGS, TYP.

GENERAL NOTES

A. ALL STUB-UP DIMENSIONS ARE RELATIVE TO FINISHED WALL LOCATIONS (SHOWN AS OUTLINES ON THIS PLAN). REFER TO FLOOR PLAN FOR WALL PLACEMENT.

B. FLOOR SINK: REFER TO CUT SHEETS FOR COMPONENT SPECIFICATIONS AND CUTOUT REQUIREMENTS.

C. WASTE LINE PENETRATIONS: REFER TO PLUMBING PLANS FOR INDIVIDUAL LINE LOCATIONS.

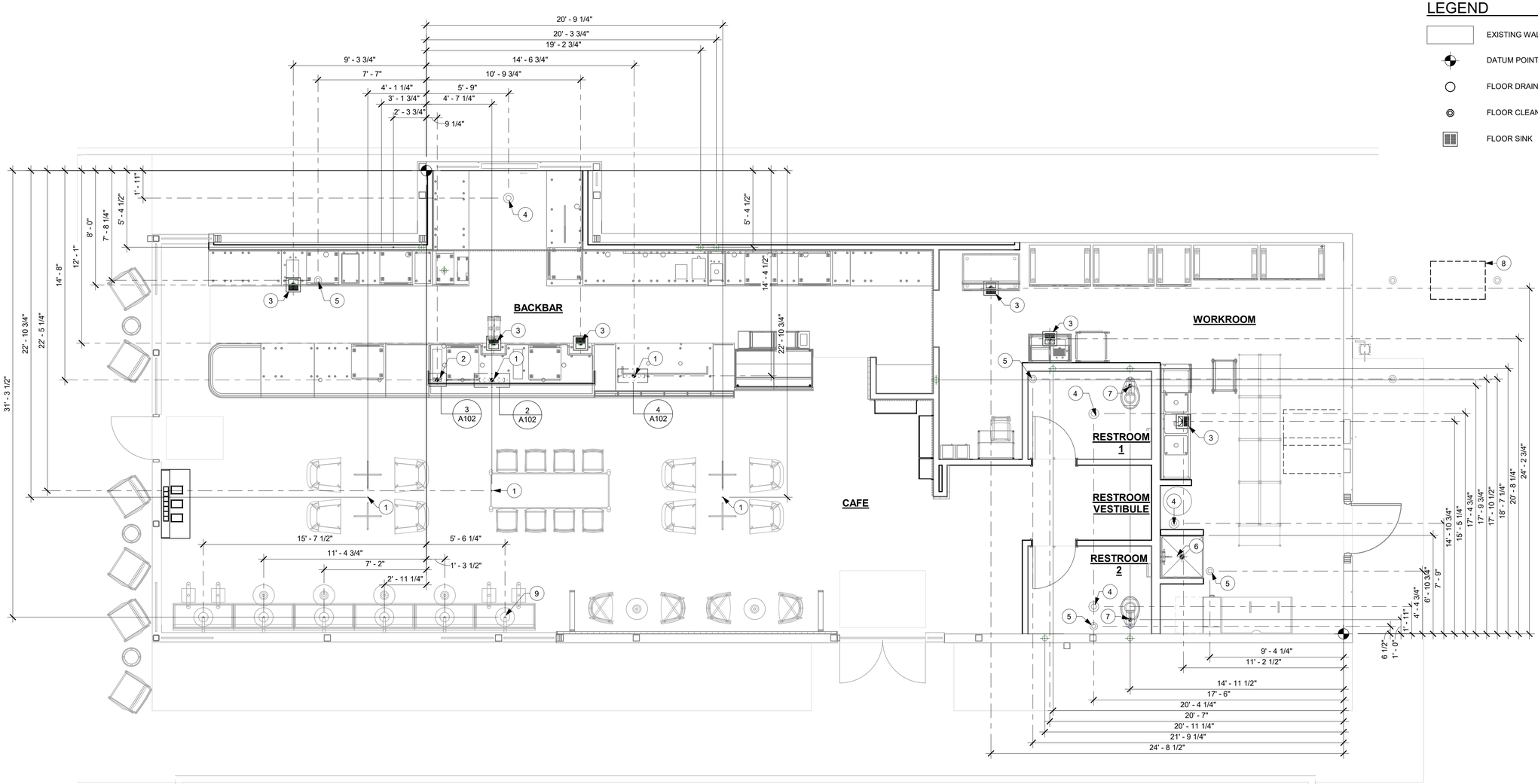
D. STUB-UP PENETRATIONS: REFER TO ELECTRICAL AND PLUMBING PLANS FOR INDIVIDUAL STUB-UP LOCATIONS.

E. TOILET FLOOR PENETRATION: REFER TO CUT SHEETS FOR STUB-UP LOCATION RELATIVE TO FINISHED WALL.

F. PENETRATION TO BE LOCATED ON CENTERLINE OF WALL OR AS REQUIRED PER CONDITIONS.

G. TRENCHING OUTLINE FOR GUIDELINE USE ONLY. GENERAL CONTRACTOR TO COORDINATE WITH SPECIFIC TRADES AND SITE CONDITIONS TO DETERMINE ACTUAL LAYOUT.

H. REFER TO SHEET I101 FOR FLOOR FINISHES.



1 1ST FLOOR - FLOOR PENETRATION PLAN

Scale: 1/4" = 1'-0"

0 2' 4' 8'

Scale: 1/4" = 1'-0"

N

LEGEND

- EXISTING WALL
- DATUM POINT
- FLOOR DRAIN
- FLOOR CLEAN-OUT
- FLOOR SINK

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PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

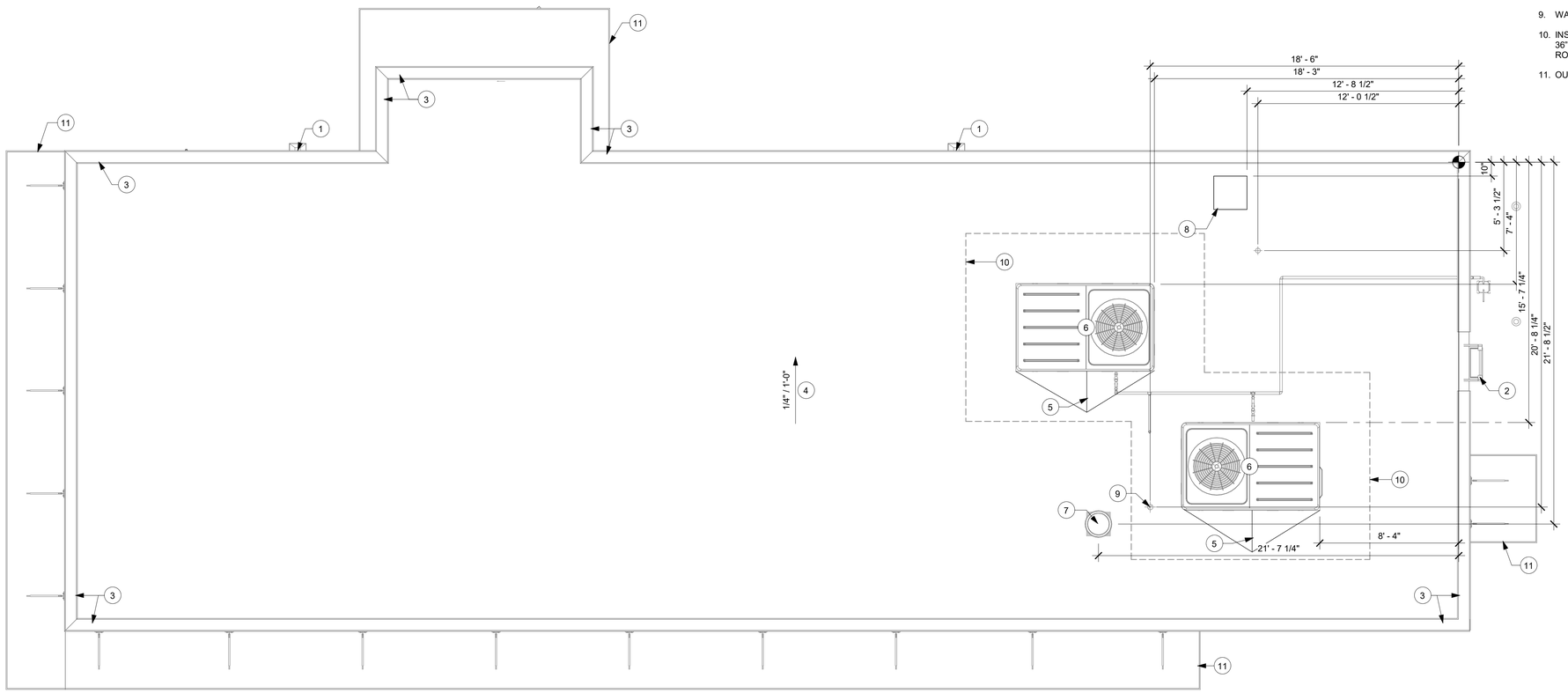
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING FLOOR PENETRATION PLAN
SCALE: AS SHOWN

SHEET NUMBER:
A102

9/2/2021 8:54:35 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



1 ROOF PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

GENERAL NOTES

A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.

B. IN FREEZE THAW CLIMATES ONLY: INSTALL SELF-REGULATING HEAT TAPE IN ALL DOWNSPOUTS. SEE ELECTRICAL FOR FURTHER INFORMATION.

C. ROOF TOP PLUMBING VENTS ARE NOT SHOWN FOR CLARITY. REFER TO PLUMBING DRAWINGS FOR VTR LOCATIONS AND FURTHER INFORMATION.

KEYED NOTES

1. SCUPPER AND DOWN SPOUT CONNECT TO UNDERGROUND STORM DRAIN – REFER TO CIVIL DRAWINGS FOR CONTINUATION.
2. ROOF ACCESS LADDER.
3. PRE -FINISHED METAL COPING (TYP.).
4. MEMBRANE ROOFING SLOPE MINIMUM 1/4" PER FOOT (TYP.).
5. ROOF CRICKET SLOPE AT 1/4" PER 12".
6. ROOF TOP EQUIPMENT. SEE MECHANICAL.
7. RESTROOM EXHAUST FAN. SEE MECHANICAL.
8. ICE MACHINE CONDENSER. SEE MECHANICAL.
9. WATER HEATER FLUE. SEE MECHANICAL.
10. INSTALL SECOND LAYER OF ROOF MEMBRANE FOR 36" PERIMETER AROUND ROOF TOP EQUIPMENT AND ROOF HATCH (TYP.).
11. OUTLINE OF CANOPY BELOW. SEE ELEVATIONS.

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GPD PROJECT NO: 2020261.36

MARK S. SALOPEK REGISTERED ARCHITECT 10433 NORTH CAROLINA
GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION REGISTERED ARCHITECTURAL CORPORATION No. 52715 NORTH CAROLINA AKRON, OH
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

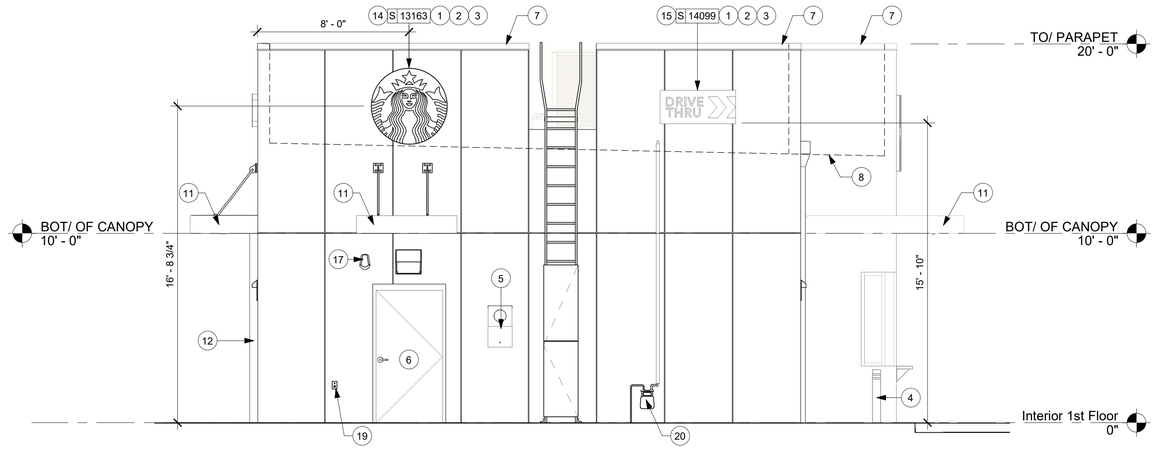
SHEET TITLE: BUILDING ROOF PLAN

SCALE: AS SHOWN

SHEET NUMBER: A103

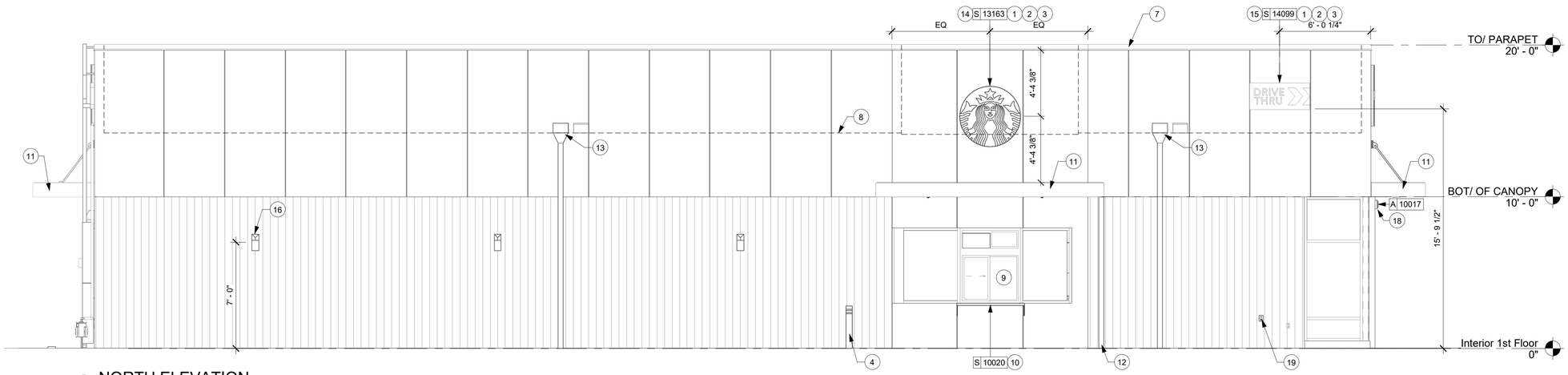
EXTERIOR SIGNAGE SCHEDULE - "S"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - DISK						
13163	3	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 48IN 1220MM	SB	GC		
X13162	1	SIGN - DISK SF NON- ILLUMINATED FLUSH MOUNTED EVOLVED - 36IN 915MM	SB	GC		
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14099	3	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14106	1	CLEARANCE BAR	SB	GC		FOUNDATIONS BY GC.
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		BOTTOM OF SIGN AT 8' - 6" A.F.F. VENDOR : HILTON
21297	2	SIGN - 5 MINUTE PARKING	SB	GC		FOOTING PROVIDED BY AND INSTALLED BY GC
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC		
SIGNAGE - WORDMARK						
18497	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	GC		



2 EAST ELEVATION

Scale: 1/4" = 1'-0"



1 NORTH ELEVATION

Scale: 1/4" = 1'-0"

0 2' 4' 8'

Scale: 1/4" = 1'-0"

KEYED NOTES

1. PROVIDE J-BOX FOR BUILDING SIGNAGE. COORDINATE LOCATION WITH SIGNAGE VENDOR SHOP DRAWINGS.
2. PROVIDE SIGNAGE DISCONNECT ON INSIDE FACE OF WALL.
3. 3/4" MARINE GRADE PLYWOOD BLOCKING FOR EXTERIOR SIGNAGE. EXTEND BLOCKING 8" (205MM) MIN. BEYOND EDGE OF SIGNAGE.
4. NON-ILLUMINATED PROTECTIVE BOLLARD.
5. ELECTRICAL METER.
6. SERVICE DOOR.
7. PRE-FINISHED METAL COPING, TYPICAL.
8. OUTLINE OF ROOF BEYOND.
9. DT WINDOW. PROVIDE READY ACCESS DT SERVICE WINDOW. WINDOW AND AIR CURTAIN FINISH TO MATCH ADJACENT STOREFRONT.
10. DT WINDOW SHELF. INSTALL SERVICE WINDOW SHELF AT 36" (915MM) INSIDE.
11. STEEL CANOPY. SEE BUILDING DETAIL SHEETS AND STRUCTURAL DRAWINGS.
12. CANOPY DOWNSPOUTS. CONNECT TO UNDERGROUND STORM DRAIN.
13. ROOF SCUPPER AND EMERGENCY OVERFLOW. CONNECT VERTICAL LEADERS TO UNDERGROUND STORM DRAIN.
14. BUILDING SIGNAGE.
15. DRIVE-THRU SIGN.
16. EXTERIOR SCONCE LIGHTING.
17. EXTERIOR EGRESS LIGHTING.
18. EXTERIOR SPEAKER. SEE REFLECTED CEILING PLAN AND BUILDING CANOPY DETAILS.
19. LOCKABLE HOSE BIB. SEE PLUMBING DRAWINGS.
20. GAS METER. SEE PLUMBING SHEETS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

A. GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE SIGNAGE INSTALLATION WITH THE SIGNAGE CONTRACTOR PROVIDING A MINIMUM SCHEDULING NOTICE OF 4 WEEKS AND 1 WEEK PRIOR TO SCHEDULED DATE OF INSTALLATION. CONSTRUCTION MANAGER TO PROVIDE GENERAL CONTRACTOR WITH SIGNAGE CONTRACTOR CONTACT INFORMATION.

B. GENERAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ELECTRICAL CIRCUITS INCLUDING ALL CONDUIT, WIRE, CONNECTIONS AND BREAKER AT PANEL BOARD NECESSARY TO SERVE SIGNAGE.

C. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING OR EQUIVALENT TO SUPPORT SIGNAGE.

D. SIGNAGE CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ANY AND ALL ALLOWABLE MONUMENT OR POLE SIGNAGE AND PROVIDE SHOP DRAWING(S) PRIOR TO FABRICATION TO THE STARBUCKS DESIGNER FOR APPROVAL.

E. SIGNAGE CONTRACTOR TO INSTALL SIGNAGE IN COMPLIANCE WITH LOCAL CODES AND OBTAIN PERMIT.

F. SIGNAGE CONTRACTOR TO SUPPLY SHOP DRAWINGS TO CONSTRUCTION MANAGER AND TO THE GENERAL CONTRACTOR AS NEEDED. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF SHOP DRAWINGS OR INSTALLATION IS IN DISCREPANCY WITH ARCHITECTURAL DRAWINGS.

G. GENERAL CONTRACTOR TO CLEAN, PATCH AND REPAIR EXISTING EXTERIOR AS REQUIRED.

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GPD PROJECT NO: 2020261.36

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GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION REGISTERED ARCHITECTURAL CORPORATION No. 52715 NORTH CAROLINA AKRON, OH

09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

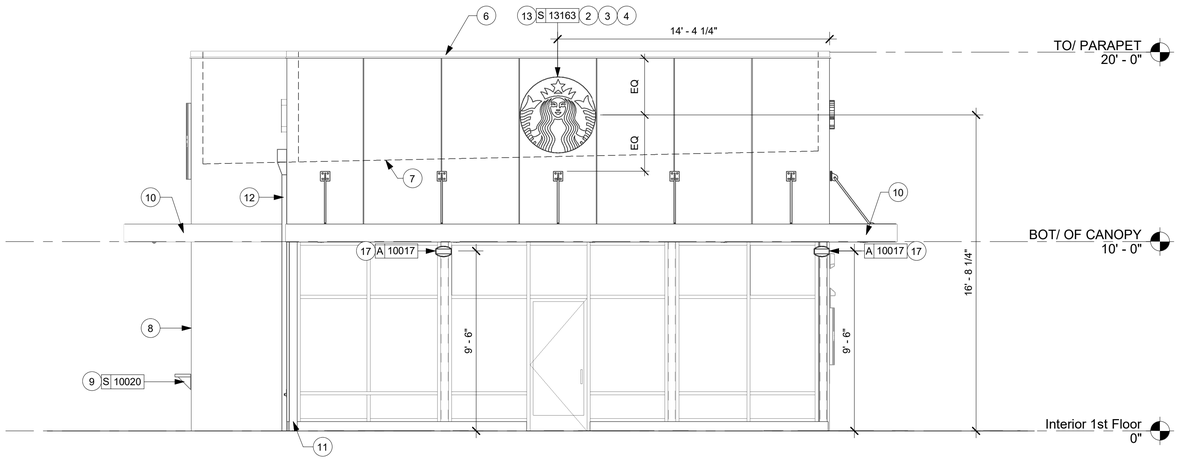
Rev	Date	By	Description

SHEET TITLE:
BUILDING EXTERIOR ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
A201

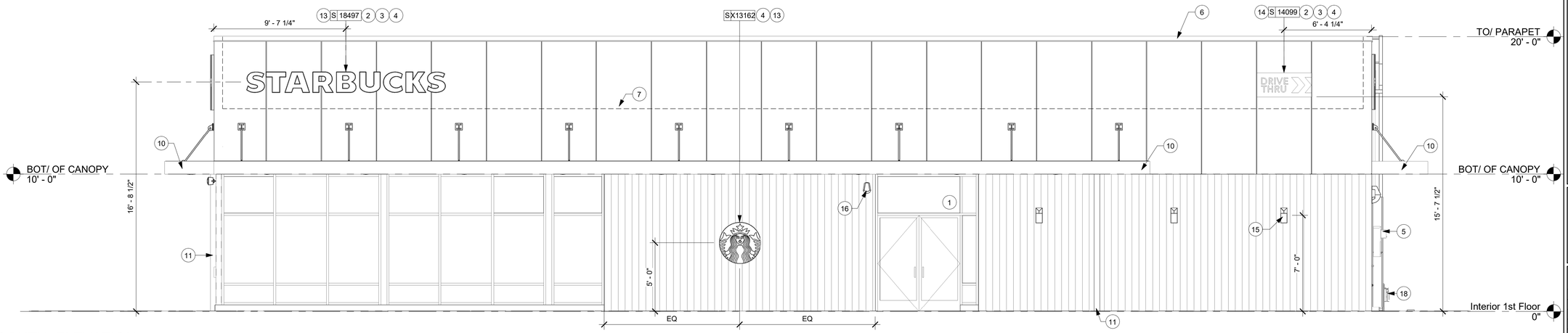
EXTERIOR SIGNAGE SCHEDULE - "S"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - DISK						
13163	3	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 48IN 1220MM	SB	GC		
X13162	1	SIGN - DISK SF NON- ILLUMINATED FLUSH MOUNTED EVOLVED - 36IN 915MM	SB	GC		
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14099	3	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14106	1	CLEARANCE BAR	SB	GC		FOUNDATIONS BY GC.
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		BOTTOM OF SIGN AT 8' - 6" A.F.F. VENDOR : HILTON
21297	2	SIGN - 5 MINUTE PARKING	SB	GC		FOOTING PROVIDED BY AND INSTALLED BY GC
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC		
SIGNAGE - WORDMARK						
18497	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	GC		



2 WEST ELEVATION

Scale: 1/4" = 1'-0"



1 SOUTH ELEVATION

Scale: 1/4" = 1'-0"

KEYED NOTES

1. PROVIDE 3" (75MM) HIGH BLACK ACRYLIC STORE ADDRESS ON GLAZING OR PER LOCAL JURISDICTIONAL CODE REQUIREMENTS.
2. PROVIDE J-BOX FOR BUILDING SIGNAGE. COORDINATE LOCATION WITH SIGNAGE VENDOR SHOP DRAWINGS.
3. PROVIDE SIGNAGE DISCONNECT ON INSIDE FACE OF WALL.
4. 3/4" MARINE GRADE PLYWOOD BLOCKING FOR EXTERIOR SIGNAGE. EXTEND BLOCKING 8" (205MM) MIN. BEYOND EDGE OF SIGNAGE.
5. ELECTRICAL METER.
6. PRE-FINISHED METAL COPING, TYPICAL.
7. OUTLINE OF ROOF BEYOND.
8. DT WINDOW. PROVIDE READY ACCESS DT SERVICE WINDOW. WINDOW AND AIR CURTAIN FINISH TO MATCH ADJACENT STOREFRONT.
9. DT WINDOW SHELF. INSTALL SERVICE WINDOW SHELF AT 36" (915MM) INSIDE.
10. STEEL CANOPY. SEE BUILDING DETAIL SHEETS AND STRUCTURAL DRAWINGS.
11. CANOPY DOWNSPOUTS. CONNECT TO UNDERGROUND STORM DRAIN.
12. ROOF SCUPPER AND EMERGENCY OVERFLOW. CONNECT VERTICAL LEADERS TO UNDERGROUND STORM DRAIN.
13. BUILDING SIGNAGE.
14. DRIVE-THRU SIGN.
15. EXTERIOR SCONCE LIGHTING.
16. EXTERIOR EGRESS LIGHTING.
17. EXTERIOR SPEAKER. SEE REFLECTED CEILING PLAN AND BUILDING CANOPY DETAILS.
18. GAS METER. SEE PLUMBING SHEETS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

A. GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE SIGNAGE INSTALLATION WITH THE SIGNAGE CONTRACTOR PROVIDING A MINIMUM SCHEDULING NOTICE OF 4 WEEKS AND 1 WEEK PRIOR TO SCHEDULED DATE OF INSTALLATION. CONSTRUCTION MANAGER TO PROVIDE GENERAL CONTRACTOR WITH SIGNAGE CONTRACTOR CONTACT INFORMATION.

B. GENERAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ELECTRICAL CIRCUITS INCLUDING ALL CONDUIT, WIRE, CONNECTIONS AND BREAKER AT PANEL BOARD NECESSARY TO SERVE SIGNAGE.

C. GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING OR EQUIVALENT TO SUPPORT SIGNAGE.

D. SIGNAGE CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ANY AND ALL ALLOWABLE MONUMENT OR POLE SIGNAGE AND PROVIDE SHOP DRAWING(S) PRIOR TO FABRICATION TO THE STARBUCKS DESIGNER FOR APPROVAL.

E. SIGNAGE CONTRACTOR TO INSTALL SIGNAGE IN COMPLIANCE WITH LOCAL CODES AND OBTAIN PERMIT.

F. SIGNAGE CONTRACTOR TO SUPPLY SHOP DRAWINGS TO CONSTRUCTION MANAGER AND TO THE GENERAL CONTRACTOR AS NEEDED. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF SHOP DRAWINGS OR INSTALLATION IS IN DISCREPANCY WITH ARCHITECTURAL DRAWINGS.

G. GENERAL CONTRACTOR TO CLEAN, PATCH AND REPAIR EXISTING EXTERIOR AS REQUIRED.

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GPD PROJECT NO: 2020261.36

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GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION No. 52715 NORTH CAROLINA AKRON, OH
09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
BUILDING EXTERIOR ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
A202

SITE SCHEDULE - "Y"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
14116	1	MENU BOARD - DT DIGITAL ORDER SCREEN - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
14119	1	5 PANEL MENU BOARD	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
15700	1	MENU BOARD - DT DIGITAL ORDER SCREEN CONTROL BOX	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
22542	1	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	GC	
OTHER					
10020	1	DT WINDOW SHELF - 48IN 1205MM - SST	LL	LL	VENDOR: READY ACCESS
14103	1	BOLLARD NONILLUMINATED	LL	LL	FOUNDATIONS BY LL.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
18815	2	BIKE RACKS	LL	LL	FOUNDATIONS BY LL.
UMBRELLA					
12139	4	UMBRELLA - BASE 95LB 43KG - SILVER MT0021	SB	GC	
20073	4	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - GREEN CANVAS WITH WORDMARK F0056	SB	GC	

EXTERIOR SIGNAGE SCHEDULE - "S"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - DISK						
13163	3	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 48IN 1220MM	SB	GC		
X13162	1	SIGN - DISK SF NON- ILLUMINATED FLUSH MOUNTED EVOLVED - 36IN 915MM	SB	GC		
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14099	3	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14106	1	CLEARANCE BAR	SB	GC		FOUNDATIONS BY GC.
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		BOTTOM OF SIGN AT 8' - 6" A.F.F. VENDOR : HILTON
21297	2	SIGN - 5 MINUTE PARKING	SB	GC		FOOTING PROVIDED BY AND INSTALLED BY GC
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC		
SIGNAGE - WORDMARK						
18497	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	GC		

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CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
A601

DOOR SCHEDULE - "D"								
DESIGN ID	**MARK**	**DESCRIPTION**	**WIDTH**	**HEIGHT**	**HARDWARE SET**	**FURN BY**	**INST BY**	**COMMENTS**
Exterior								
10449	1	DOOR - STOREFRONT METAL FRAME DOUBLE - TYPE A	6' - 0"	7' - 0"	3-A	LL	LL	
10205	2	DOOR - STOREFRONT METAL FRAME SINGLE - TYPE B	3' - 0"	7' - 0"	2-A	LL	LL	
X10111	3	HOLLOW METAL EXTERIOR SERVICE DOOR - SINGLE SERVICE	3' - 6"	7' - 0"	42	LL	LL	
Interior								
10190	127	DOOR - SINGLE FLUSH - 36IN	3' - 0"	7' - 0"	6	SB	GC	DOOR FINISH ; WD0073. FRAME FINISH : MT0028
10190	128	DOOR - SINGLE FLUSH - 36IN	3' - 0"	7' - 0"	6	SB	GC	DOOR FINISH ; WD0073. FRAME FINISH : MT0028

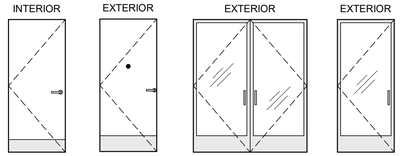
DOOR HARDWARE SET NO. 2-A - For new single aluminum secondary entry/exit door (50 or more occupancy)				
No.	**Item**	**Description**	**Manufacturer**	**Finish**
3	Hanging Devices	TH2314/MPB91	McKinney	630
1	Securing Devices	CD35A-NL-OP Panic Device	Von Duprin	628/630
2	Securing Devices	C607 7-Pin Core Combinated "A" Keyway	Falcon Lock	626
1	Securing Devices	KB609-2 Cut Control Key "A" Keyway	Falcon Lock	---
9	Securing Devices	KB632-2 Cut User Key "A" Keyway	Falcon Lock	----
1	Securing Devices	C953 7-Pin Rim Cylinder Housing	Falcon Lock	626
1	Securing Devices	C987 7-Pin Mortise Cylinder Housing w/AR Cam	Falcon Lock	626
1	Securing Devices	A08794-003 Adjustable Ring, Mortise Cyl. 516-13/32	Falcon Lock	626
1	Operating Trim	108 Door Pull Handle	Rockwood	630
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
1	Stops and Holders	473 Door Stop w/ Hook	Rockwood	626
1	Threshold	325 Half Saddle Threshold	National Guard	---
1	Sign	Vinyl Sign: "THIS DOOR MUST REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"	Seton	---

DOOR HARDWARE SET NO. 3-A - For pair aluminum main entry/exit doors (300 or less occupancy)				
No.	**Item**	**Description**	**Manufacturer**	**Finish**
6	Hanging Devices	TH2314/MPB91	McKinney	630
1	Securing Devices (active leaf)	MS1850S Deadbolt	Adams RIte	626
1	Securing Devices (inactive...	MS1880 Two-Point Flushbolt	Adams Rite	626
2	Securing Devices (active leaf)	C607 7-Pin Core Combinated "A" Keyway	Falcon Lock	626
1	Securing Devices (active leaf)	KB609-2 Cut Control Key "A" Keyway	Falcon Lock	---
9	Securing Devices (active leaf)	KB632-2 Cut User Key "A" Keyway	Falcon Lock	---
2	Securing Devices (active leaf)	C987 7-Pin Mortise Cylinder Housing w/AR Cam	Falcon Lock	626
2	Securing Devices (active leaf)	A08794-003 Adjustable Ring, Mortise Cyl. 5/16-13/32	Falcon Lock	626
2	Operating Trim	108 Door Pull Handle	Rockwood	630
2	Operating Trim	48 Push Bar x 31	Rockwood	630
2	Closing Devices	8916 Door Closer 8916 AF89P AL	Dorma	689
2	Stops and Holders	473 Door Stop w/Hook	Rockwood	626
2	Accessories	Door Sweep 18062CNB36	Pemko	A
1	Threshold	325 Half Saddle Threshold	National Guard	---
1	Sign	Vinyl Sign: "THIS DOOR MUST REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"	Seton	---

DOOR HARDWARE SET NO. 6 - For restroom door with lever and privacy lock				
No.	**Item**	**Description**	**Manufacturer**	**Finish**
3	Hanging Items	TA2714/MPB79 Hinge MacPro Bearing 4.5 x 4.5	McKinney	626
1	Securing Devices	PB5425LN Lock, Shallow Coin Turn, Privacy PB5425LN-693-497 1-3/4	Yale Lock	626
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
2	Protective Trim Units	K1050 B4E Kickplate 8" x 34" Each Side 32D	Rockwood	630
3	Accessories	GJ64 Rubber Silencer	Glynn Johnson	Gray
1	Stops and Holders	473 Door Stop w/ Hook	Rockwood	626

DOOR HARDWARE SET NO. 42 - For exterior 42" wide service door				
No.	**Item**	**Description**	**Manufacturer**	**Finish**
3	Hanging Devices	TH2314/MPB91 Hinge MacPro Bearing 4.5 x 4.5	McKinney	630
1	Securing Devices	C607 7-Pin Core Combinated "A" Keyway	Falcon Lock	626
1	Securing Devices	I/O 2000L-03IC Auto Locking Door Alarm, IC; No CTR Includes Mortise Cylinder	Sur-Lock	---
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
1	Protective Trim Units	K1050 B4E Kickplate 10" x 40"	Rockwood	630
1	Accessories	137NA Weather Strip 20' 42" x 84"	National Guard	A
1	Accessories	Door Sweep 18062CNB36	Pemko	A
1	Miscellaneous Items	DS / 1000 Door Scope	Security Products	Silver
1	Miscellaneous Items	MCV309NWHGL Door Bell	Nutone	As Selected

DOOR LEGEND



GENERAL NOTES

A. STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS. GC TO INSTALL.

B. SEE SHEET A101 FOR TAGGED LOCATION OF EXTERIOR DOORS AND WINDOWS.

C. EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES. (1014.2)

D. PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (1008.1.10):

a) THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.

b) THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS (6.8 KG).

c) PIVOTED OR BALANCED DOORS SHALL BE OF THE PUSH-PAD TYPE WHERE PANIC HARDWARE IS REQUIRED AND THE PAD SHALL NOT EXTEND ACROSS MORE THAN ONE-HALF OF THE DOOR WIDTH, MEASURED FROM THE LATCH SIDE.

d) PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.

e) FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.

E. SPY SCOPE HARDWARE, WHERE INSTALLED SHALL BE CENTERED IN DOOR AT 54" (1370MM) A.F.F.

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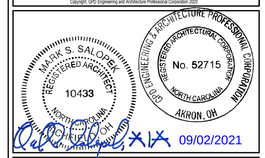
GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
WINDOW AND DOOR SCHEDULES & DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
A602

9/2/2021 8:54:59 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

KEYED NOTES

1. INSTALL EXTERIOR FURNITURE THROUGHOUT AS SHOWN.
2. INSTALL CAFE FURNITURE THROUGHOUT AS SHOWN.
3. COMMUNITY TABLE. SEE FURNITURE SCHEDULE.
4. COMMUNITY BOARD. SEE INTERIOR FINISH ELEVATIONS.
5. CONDIMENT CART. SEE INTERIOR FINISH ELEVATIONS.
6. PLACE MERCHANDISE FIXTURES AND RETAIL FLOOR BASKETS PER PLAN. STORE OPERATORS TO ORDER RETAIL FLOOR BASKETS.
7. MERCHANDISE DISPLAY. SEE INTERIOR DETAILS FOR MORE INFORMATION.
8. DO NOT BLOCK FOOD CASE INTAKE/EXHAUST.
9. SAFE LOCATED AT POS CABINET. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.
10. HAND SINK W/ INTEGRAL SPLASH GUARD.
11. INSTALL CORNER GUARD AS INDICATED. SEE INTERIOR FINISH ELEVATIONS.
12. LOCATION OF SWITCH GEAR AND THERMOSTAT CONTROLS. ADDITIONAL INFORMATION.

KEYED NOTES

13. FIRE EXTINGUISHER, FINAL LOCATION AND QUANTITY PER JURISDICTIONAL REQUIREMENTS.
14. SECURE LOCKERS TO WALL.
15. VENDOR TO INSTALL WATER FILTRATION SYSTEM PER MANUFACTURER'S REQUIREMENTS. G.C. TO PROVIDE PLUMBING AND ELECTRICAL REQUIREMENTS.
16. WATER HEATER. SEE PLUMBING DRAWINGS.
17. G.C. TO REVERSE HINGE ON U.C. REFRIGERATOR TO LEFT HAND SWING AS SHOWN.
18. MANAGERS DESK. SEE MANAGER'S DESK/EQUIPMENT RACK ELECTRICAL DETAIL FOR ADDITIONAL INFORMATION.

GENERAL NOTES

A. GENERAL CONTRACTOR TO SCHEDULE WITH LOCAL REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR LIST OF APPROVED START UP CONTRACTORS, CONTACT PROJECT CONSTRUCTION REPRESENTATIVE.

B. THE SITE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.

C. ALL FOOD STORAGE SHALL BE 6" (150mm) A.F.F.

D. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETS) SHALL BE SEALED.

E. ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.

F. ALL EQUIPMENT AND CABINETRY WILL BE FLUSH MOUNTED TO COUNTERS, WALLS OR FLOORS, OR BE RAISED TO ALLOW FOR CLEANING.

G. CONFIRM ALL NECESSARY EQUIPMENT CLEARANCES PER PRODUCT CUT SHEET (E.G. ICE MACHINE).

H. FOR LOCATION OF COUNTERTOP EQUIPMENT, REFER TO CASEWORK ELECTRICAL DETAILS.

I. EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS.

GENERAL NOTES

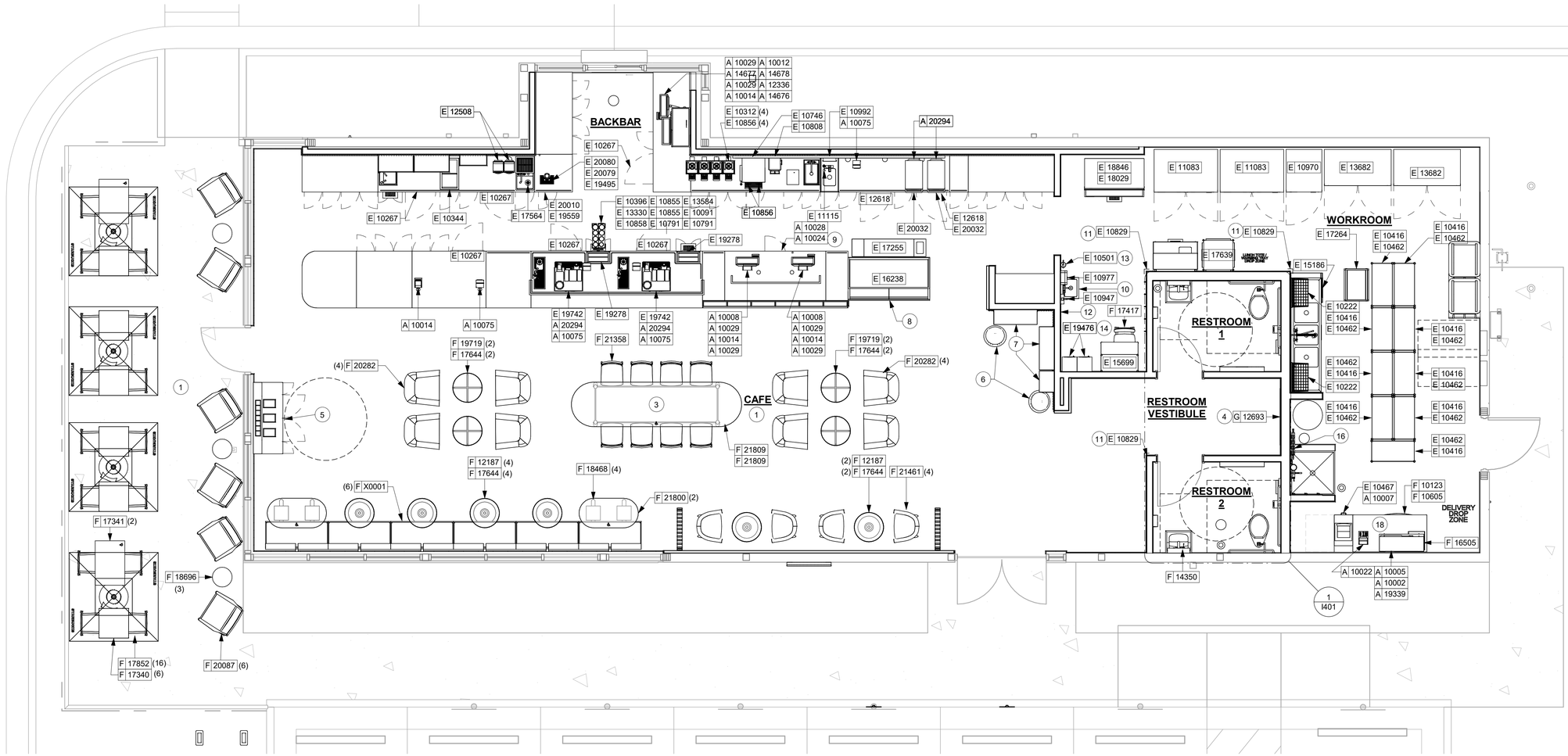
J. WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.

K. EACH HAND WASHING SINK WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER, AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.

L. FOR PLUMBING FIXTURES, REFER TO THE PLUMBING DESIGN PLAN. FOR DATA DEVICE SCHEDULE, REFER TO THE ELECTRICAL DESIGN PLAN.

M. SEE ELEVATIONS FOR DISTRIBUTION OF CUP DISPENSERS.

N. PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE LOCAL JURISDICTION.



1 1ST FLOOR - FURNITURE, FIXTURES, AND EQUIPMENT PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

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GPD PROJECT NO: 2020261.36

MARK S. SALOPEK REGISTERED ARCHITECT 10433 NORTH CAROLINA
REGISTERED ARCHITECTURAL CORPORATION No. 52715 NORTH CAROLINA
ARKON, OH
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL
PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
FF & E PLAN
SCALE: AS SHOWN

SHEET NUMBER:
I101

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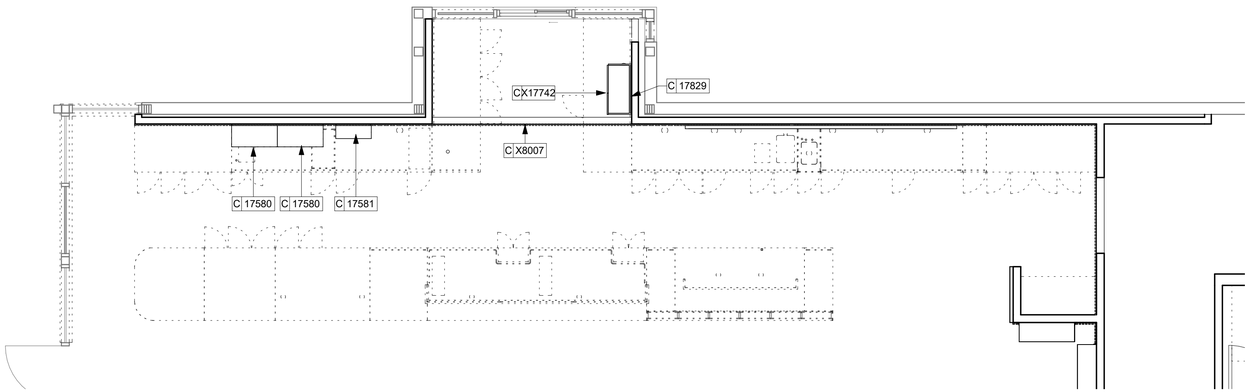
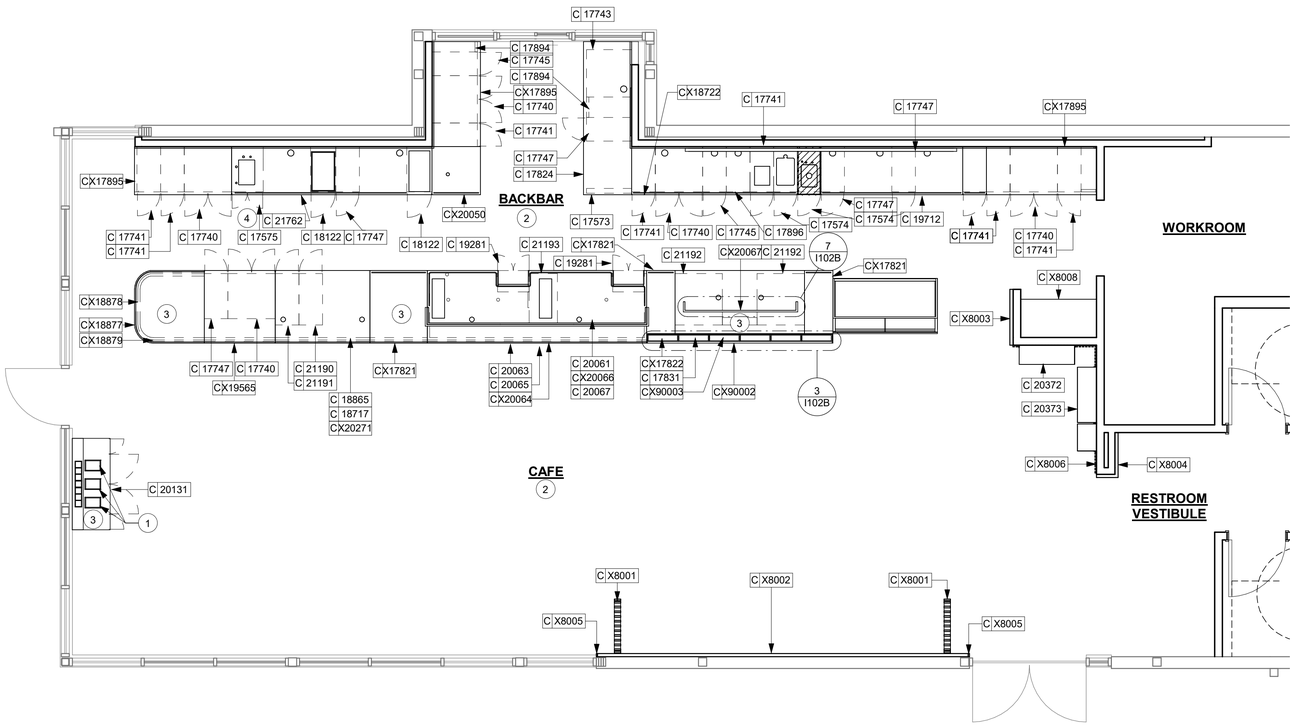


2 1ST FLOOR - UPPER CASEWORK PLAN

Scale: 1/4" = 1'-0"



1 1ST FLOOR - LOWER CASEWORK PLAN

Scale: 1/4" = 1'-0"

KEYED NOTES

1. DO NOT CAULK TRASH RINGS TO COUNTERTOPS.
2. INSTALL CASEWORK, COUNTERTOPS, SHELVES, CUBBIES, FINISHES, TRIM AND TABLE TOPS THROUGHOUT. REFERENCE FINISH SCHEDULE AND MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. ALL COUNTERTOPS UTILIZED FOR CUSTOMER TRANSACTIONS, INCLUDING BAR, CONDIMENT AND SALES COUNTERTOPS SHALL BE INSTALLED AT 2'-10" MAXIMUM A.F.F.
4. FLOOR DRAIN BELOW. CASEWORK MANUFACTURER TO COORDINATE DESIGN TO INSURE THIS AREA IS READILY ACCESSIBLE FOR CLEANING AND FREE OF COUNTERTOP SUPPORT.

GENERAL NOTES

A. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF A DISCREPANCY EXISTS BETWEEN CASEWORK SHOP DRAWINGS, EXITING SITE CONDITIONS, ARCHITECTURAL DRAWINGS OR BUILT FIXTURES. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY GC PRIOR TO SHOP DRAWINGS PRODUCTION.

B. STARBUCKS CONSTRUCTION MANAGER TO COORDINATE AND SCHEDULE CASEWORK DELIVERY DATE. GENERAL CONTRACTOR TO CONFIRM CASEWORK DELIVERY DATE WITH CASEWORK MANUFACTURER AT FOUR (4) WEEKS PRIOR AND THEN ONE (1) WEEK PRIOR TO SCHEDULED DATE OF DELIVERY.

C. STARBUCKS CONTRACTS DIRECTLY WITH CASEWORK VENDOR TO SUPPLY CASEWORK LISTED IN THE CASEWORK SCHEDULE, UNLESS OTHERWISE NOTED.

D. CASEWORK VENDOR TO PROVIDE COMPLETE SHOP DRAWINGS AND INSTALLATION PACKAGE TO GENERAL CONTRACTOR TO FACILITATE PROPER INSTALLATION.

E. ALL CASEWORK BOX BASE / TOE KICKS SHALL BE SET AND LEVELED USING 1/4" (6 MM) NON-ABSORBENT PLASTIC SHIMS PROVIDED BY CASEWORK VENDOR.

F. SEE INTERIOR FINISH ELEVATIONS AND SCHEDULES FOR LOCATION AND TAGGING OF WALL TREATMENTS BY CV AND OTHERS.

G. SEE REFLECTED CEILING PLAN FOR CASEWORK SOFFIT LOCATIONS.

H. REFERENCE PLUMBING AND ELECTRICAL PLANS FOR PLACEMENT OF ELECTRICAL, DATA AND PLUMBING ON FRONT AND BACKLINE OF BAR.

I. PROVIDE ACCENT LIGHTING AT FRONT EDGE OF BAR. SEE INTERIOR ELEVATIONS AND ELECTRICAL FOR ADDITIONAL INFORMATION.

J. CASEWORK VENDOR TO ENGINEER PROPER COUNTERTOP SUPPORT AT ESPRESSO BAR AND OTHER WORKSTATIONS PER STARBUCKS MINIMUM PERFORMANCE REQUIREMENTS.

LEGEND

INDICATES STAINLESS STEEL (SST) COUNTERTOP

INDICATES SOLID SURFACE (SS) COUNTERTOP

0 2' 4' 8'

Scale: 1/4" = 1'-0"

N

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GPD PROJECT NO: 2020261.36

MARK S. SALOPEK REGISTERED ARCHITECT 10433 NORTH CAROLINA
GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION REGISTERED ARCHITECTURAL CORPORATION No. 52715 NORTH CAROLINA AKRON, OH

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
CASEWORK PLAN

SCALE: AS SHOWN

SHEET NUMBER:
I102

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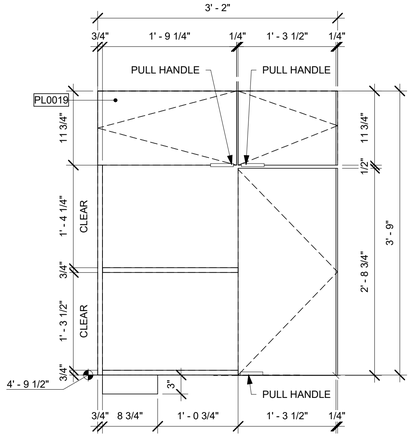
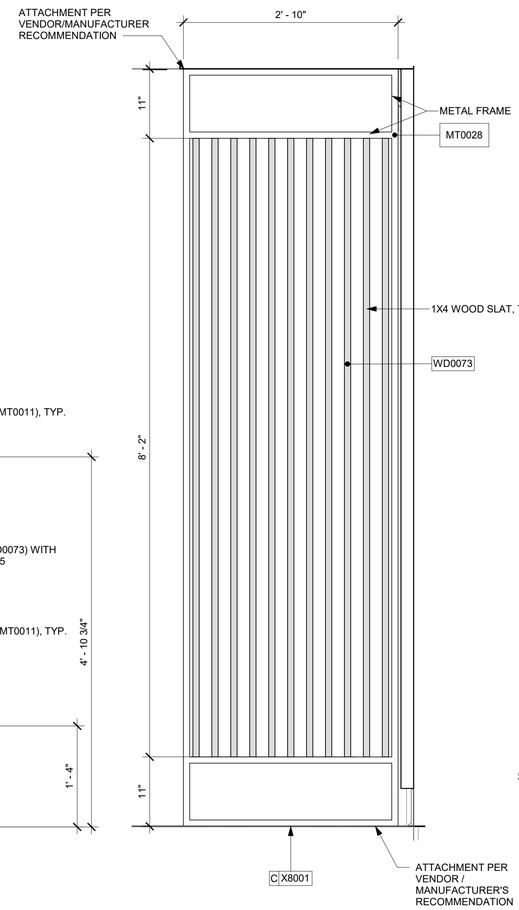


6 ENLARGED DT POS CSWK

Scale: 1" = 1'-0"

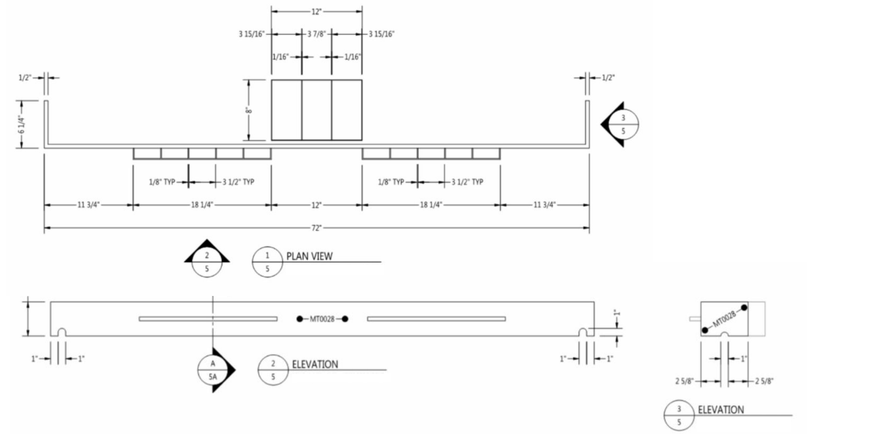


2 CUSTOM SCREEN

Scale: 1" = 1'-0"

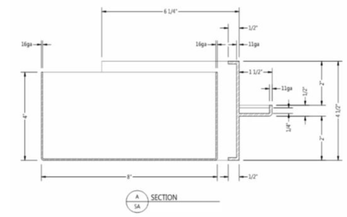
1 MERCH ELEVATION

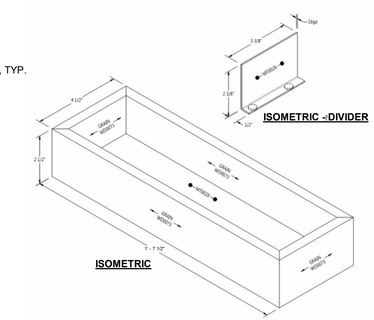
Scale: 1" = 1'-0"



7 METAL SHROUD - POS

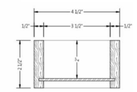
Scale: 3/4" = 1'-0"

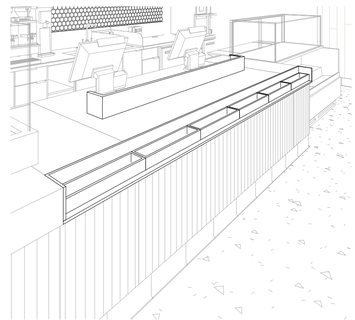




POS IMPULSE TRAY:

SIDES:
-1/2" WHITE OAK HARDWOOD
(WD0073 FINISH)
BOTTOM:
-11GA STEEL SHEET (MT0028 FINISH)
DIVIDER:
-16GA STEEL SHEET (MT0028 FINISH)
-1 1/6" X 3/8" DIA MAGNET
(McMASTER-CARR 5862K143)



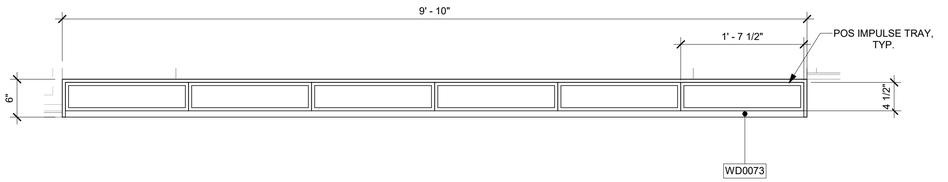


4 POS IMPULSE TRAY DETAILS

Scale: 3" = 1'-0"

5 3D View

Scale:



3 SMALLWARE CASEWORK

Scale: 1" = 1'-0"

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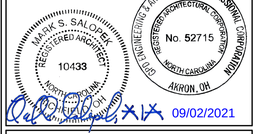


09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
CASEWORK DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
I102B

KEYED NOTES

1. GWB SOFFIT WITH SMOOTH FINISH (PAINT AS SCHEDULED).
2. GWB CEILING. PAINT CEILING DIFFUSERS AS INDICATED.
3. WASHABLE CEILING TILE LOCATED IN BACK OF HOUSE .
4. ROOF LADDER AND ACCESS HATCH.
5. LED STRIP LIGHT IN LIGHT COVE.
6. EXISTING EXTERIOR LIGHT SCONCE. SEE EXTERIOR ELEVATIONS BY LL , TYP.
7. EXTERIOR SPEAKER REFER TO EXTERIOR ELEVATIONS FOR MOUNTING HEIGHT
8. LIGHT SCONCE. SEE RESTROOM ELEVATIONS FOR MOUNTING LOCATION, SEE ELECTRICAL FOR ADDITIONAL DETAILS.
9. SECURITY CAMERA.
10. 2X4 LIGHT TROFFER, SEE ELECTRICAL, TYP.
11. EXIT LIGHTING, SEE ELECTRICAL.
12. EMERGENCY LIGHT, SEE ELECTRICAL BY LL.
13. TRACK LIGHTING FIXTURE, SEE INTERIOR ELEVATIONS FOR HEIGHTS, SEE ELECTRICAL FOR MORE INFORMATION, TYP.
14. RECESSED CAN LIGHT, SEE ELECTRICAL, TYP.
15. SUPPLY DIFFUSER PAINT TO MATCH CEILING, SEE MECHANICAL, TYP.
16. RETURN GRILLE PAINT TO MATCH CEILING, SEE MECHANICAL, TYP.
17. EXHAUST GRILLE, SEE MECHANICAL, TYP.
18. RECESSED SPEAKER.

GENERAL NOTES

A. REFERENCE LOW VOLTAGE PLAN SHEET AND ELECTRICAL DRAWINGS.

B. IF REQUIRED BY LOCAL CODE, GENERAL CONTRACTOR TO PROVIDE SEMI-RECESSED SPRINKLER HEADS WITH POLISHED CHROME ESCUTCHEONS CENTERED IN ACOUSTICAL CEILING TILE. IF PENDANT HEADS ARE REQUIRED IN GWB SOFFIT OVER FRONT BAR, CONCEAL SUPPLY PIPING WITHIN SOFFIT. GENERAL CONTRACTOR TO SUBMIT SPRINKLER LAYOUT TO STARBUCKS' CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO INSTALLATION.

C. LEAVE TEN (10) ADDITIONAL RETAIL CEILING TILES TO MATCH RETAIL CEILING PAINT COLOR ABOVE THE WORKROOM CEILING AT MANAGER'S DESK FOR FUTURE USE.

D. PROVIDE GROMMET AT ACOUSTIC CEILING PENETRATIONS FOR FIXTURES OF SUPPORTS.

E. HEATING, VENTILATING AND AIR CONDITIONING SHOWN ON THIS PLAN PROVIDED FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

F. DIFFUSERS AND RETURNS IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE AND PAINTED TO MATCH ADJACENT FINISHES (TYP.).

G. PAINT ALL EXPOSED HVAC DUCTS, HVAC DIFFUSERS, LIGHT TRIM RINGS, PIPING, CONDUIT AND JUNCTION BOXES THE SAME COLOR AS SPECIFIED ON SURROUNDING CEILING OR SOFFIT UNLESS OTHERWISE NOTED. TYPICAL THROUGHOUT RETAIL AREA OF STORE.

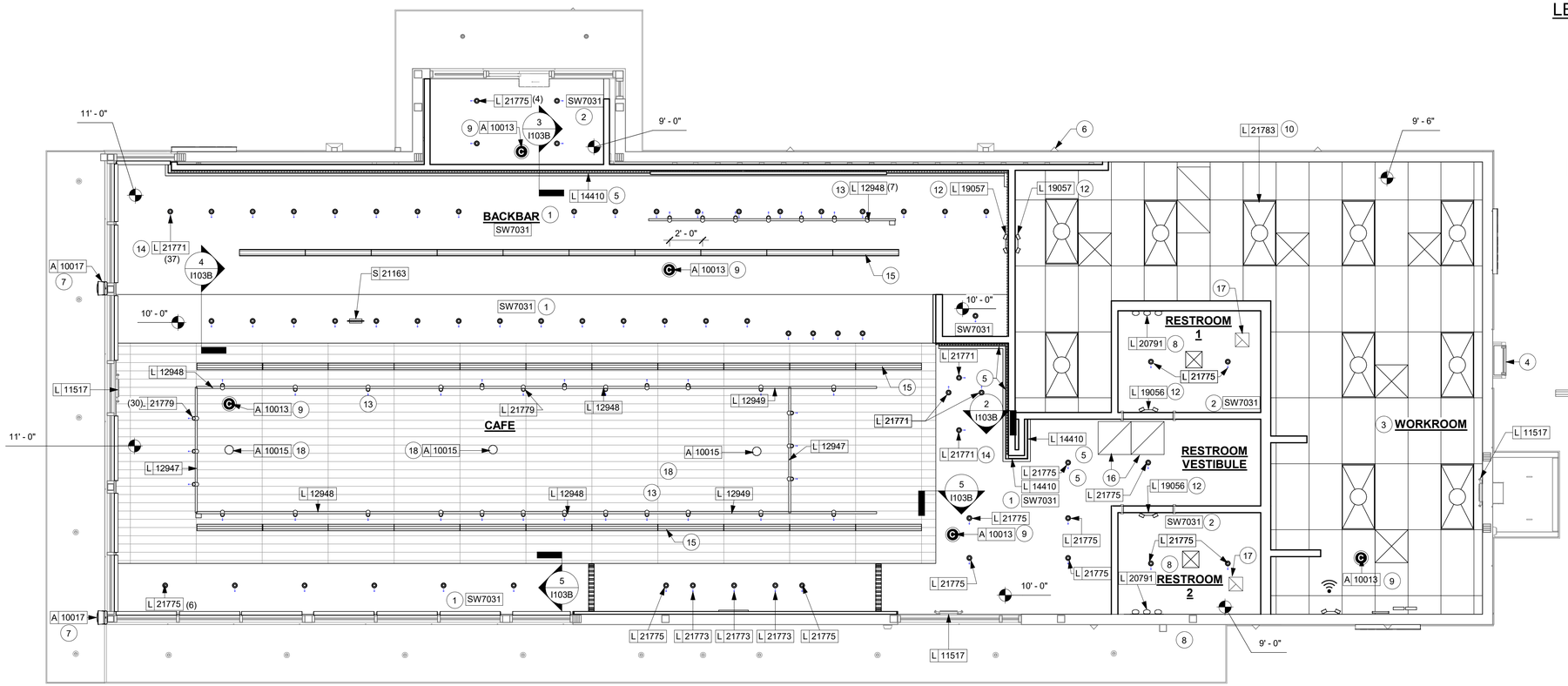
H. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS.

I. DATA CABLING ABOVE HEAD SHALL BE IN PLENUM WHEN AVAILABLE.

J. DATA CABLING AT EXPOSED CEILING SHALL BE INSTALLED IN METAL CONDUIT OR PER LOCAL CODE REQUIREMENT.

LEGEND

- ELEVATION DATUM
- TRACK LIGHTING
- STRIP LIGHTING
- RECESSED CAN LIGHT
- ADJUSTABLE RECESSED CAN LIGHT
- TROFFER
- WALL SCONCE
- EXIT SECURITY LIGHT
- MUSIC SYSTEM WALL MOUNTED SPEAKER
- MUSIC SYSTEM PENDANT SPEAKER
- WIFI ACCESS POINT (WAP)
- 360° SECURITY CAMERA
- SUPPLY AIR
- RETURN AIR
- LINEAR DIFFUSER



1 1ST FLOOR - REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

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GPD PROJECT NO: 2020261.36

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09/02/2021

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STORE #:	59763
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ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

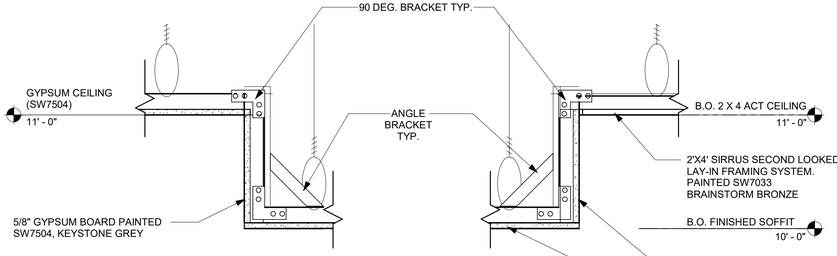
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
REFLECTED CEILING PLAN
SCALE: AS SHOWN

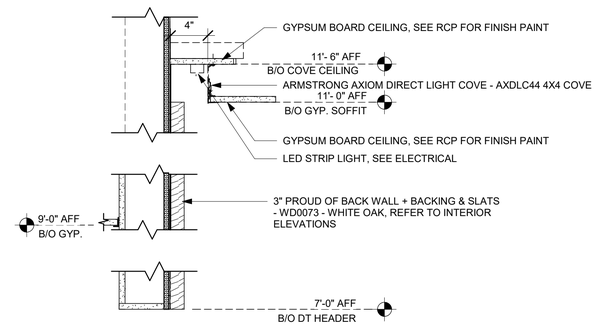
SHEET NUMBER:
I103

9/2/2021 8:55:47 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



4 SOFFIT DETAIL

Scale: 1 1/2" = 1'-0"



3 HEADER & LED LIGHT COVE

Scale: 1 1/2" = 1'-0"

LIGHTING FIXTURE SCHEDULE & LEGEND - "L"

SYMBOL	DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
ADDITIONAL LIGHTING EQUIP.							
	CL1	1	CURRENT LIMITER FOR R SERIES TRACK - MINI END FEED COLOR TO MATCH TRACK	SB	GC		JUNO TCL1 1 AMP CURRENT LIMITER
	CL4	1	CURRENT LIMITER FOR R SERIES TRACK - MINI END FEED COLOR TO MATCH TRACK	SB	GC		JUNO TCL4 4 AMP CURRENT LIMITER
	EMS	1	VENSTAR EMS	SB	GC		SEE EMS SHEET FOR MORE INFORMATION
	PP	2	100 WATT POWER PACK - VENDOR SPECIFIC	SB	GC		POWER PACK FOR LED STRIP LIGHTS
	PP2	1	200 WATT POWER PACK - VENDOR SPECIFIC	SB	GC		POWER PACK FOR LED STRIP LIGHTS
EXIT							
	19056	2	LED EMERGENCY LIGHT DOUBLE - WHITE	SB	GC	INTEGRATED LED	
	19057	3	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
RECESSED CAN							
	21771	41	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	SB	GC	INTEGRATED LED	
	21773	3	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 700LM WF	SB	GC	INTEGRATED LED	
	21775	23	CAN - LED WALL WASH - 3IN 75MM - BLACK - 1000LM	SB	GC	INTEGRATED LED	
SCONCE							
	20791	2	SCONCE - RBW PASTILLE VANITY - BLACK	SB	GC	INTEGRATED LED	
STRIP							
	14410	8	STRIP - LED TAPE - VARIABLE LENGTH - 315LM PER FT	SB	GC	INTEGRATED LED	FIELD TRIMMABLE TO 6IN LENGTHS
TRACK							
	12947	2	TRACK - WITH CONNECTORS - 8FT 244CM - BLACK - 1 CIRCUIT	SB	GC		
	12948	5	TRACK - WITH CONNECTORS - 16FT 488CM - BLACK - 1 CIRCUIT	SB	GC		
	12949	2	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC		
	21777	7	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM SPOT	SB	GC	INTEGRATED LED	
	21779	30	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER							
	21783	10	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM	SB	GC	INTEGRATED LED	

LIGHTING PLAN NOTES

A. IF REQUIRED BY LOCAL CODE, GENERAL CONTRACTOR TO PROVIDE SEMI-RECESSED SPRINKLER HEADS WITH POLISHED CHROME ESCUTCHEONS CENTERED IN ACOUSTICAL CEILING TILE. IF PENDANT HEADS ARE REQUIRED IN GYPSUM SOFFIT OVER FRONTBAR, CONCEAL SUPPLY PIPING WITHIN SOFFIT. GENERAL CONTRACTOR TO SUBMIT SPRINKLER LAYOUT TO STARBUCKS' CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO INSTALLATION.

B. GENERAL CONTRACTOR TO PROVIDE AND LOCATE SPRINKLERS PER LOCAL CODES. CONTACT STARBUCKS CONSTRUCTION MANAGER IF DESIGN INTENT IS AFFECTED.

C. WHERE ACOUSTICAL CEILING MEETS WALL, PROVIDE ANGLE WALL MOLDING FOR REVEAL. MATCH CEILING GRID COLOR WHEN APPLICABLE.

D. LEAVE (10) ADDITIONAL RETAIL CEILING TILES, TO MATCH RETAIL CEILING PAINT COLOR, ABOVE THE WORKROOM CEILING AT MANAGER'S DESK FOR FUTURE USE.

E. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES OR SUPPORTS.

F. HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) SHOWN FOR DESIGN INTENT ONLY. CONTACT PROJECT MANAGER IF CHANGED.

G. DIFFUSERS AND RETURNS AT BACKBAR IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE, PAINTED TO MATCH ADJACENT FINISHES, TYPICAL.

H. PAINT ALL EXPOSED HVAC DUCTS, HVAC DIFFUSERS, RECESSED SPEAKERS, LIGHT TRIM RINGS, PIPING, CONDUIT AND JUNCTION BOXES THE SAME COLOR AS SPECIFIED ON SURROUNDING CEILING OR SOFFIT UNLESS NOTED OTHERWISE. TYPICAL THROUGHOUT RETAIL AREA OF STORE.

J. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS.

K. SEE LIGHTING DESIGN PLAN FOR LIGHTING SCHEDULE, FIXTURE TYPES AND DIMENSIONED LOCATIONS.

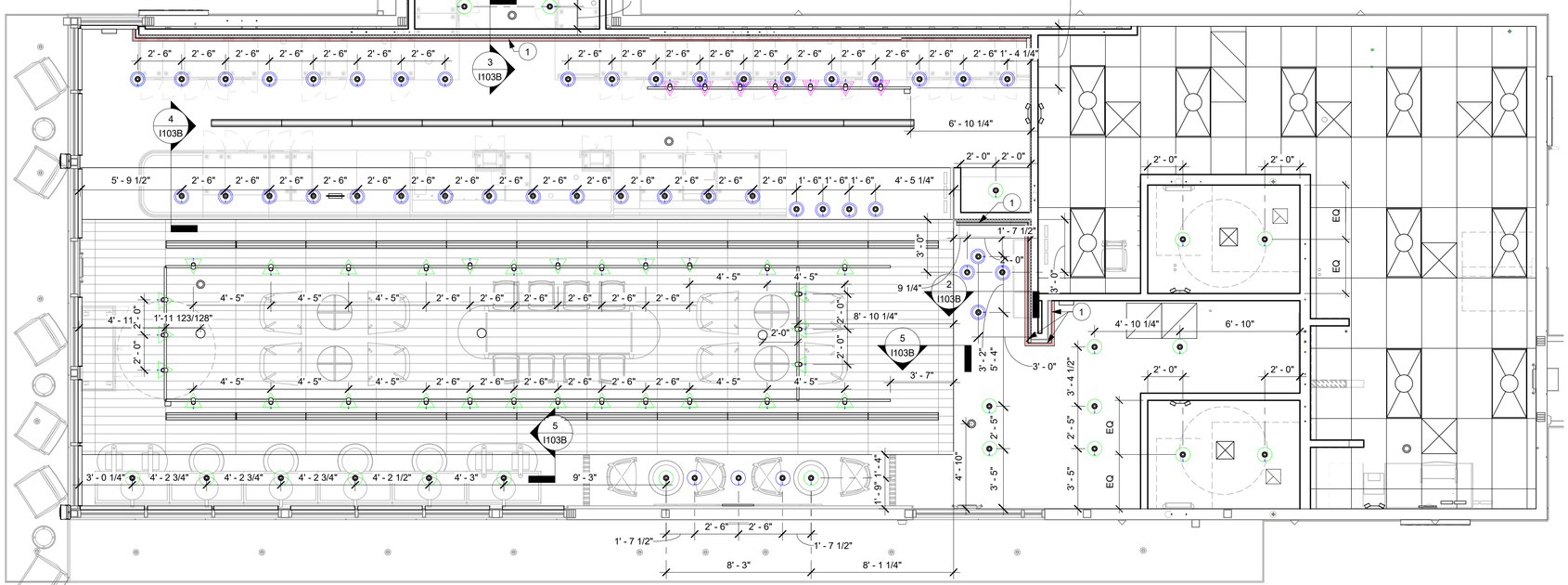
L. ADJUST EACH TRACK HEAD AT MENU BOARD LIGHTING SO LIGHT BEAMS ARE POINTING CONSISTENTLY, JUST BELOW THE CENTER OF EACH MENU BOARD PANEL.. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS.

M. ALL FIXTURES IN FOOD PREPARATION AREA SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED.

N. CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UON.

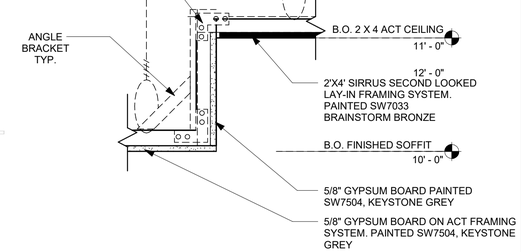
SHEET NOTES

1. LIGHT COVE



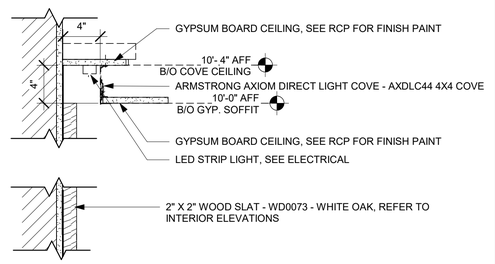
1 1ST FLOOR - INTERIOR LIGHTING PLAN

Scale: 1/4" = 1'-0"



5 SOFFIT EDGE DETAIL

Scale: 1 1/2" = 1'-0"



2 LED LIGHT COVE, TYP.

Scale: 1 1/2" = 1'-0"

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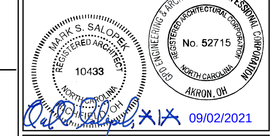
GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
LIGHTING PLAN

SCALE: AS SHOWN

SHEET NUMBER:
I103B

9/2/2021 8:55:53 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

FLOOR TREATMENT SCHEDULE - "T"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CONCRETE					
X17860	1197 SF	CONCRETE STAIN - LIGHT GREY	GC	GC	
PLASTIC					
19795	1085 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	
WALK OFF MAT					
19288	36 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	SB	GC	

WALL BASE SCHEDULE - "B"

DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
11403	168' - 2"	TILE BASE - BLACK - 6X12IN 150X305MM	SB	GC	GROUT GR0008: MAPEI 10 - BLACK; LATICRETE 45 - RAVEN; PRETOKOLL - P.FLEX PRETO
19795	379' - 2 1/2"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	
X51001	52' - 7 1/2"	SCHLUTER COVE BASE (TILE-TO-TILE)	GC	GC	LOCATED IN RESTROOMS. SATIN NICKEL. GC TO FIELD VERIFY TOTAL LENGTH PRIOR TO ORDERING

CONCRETE FINISH NOTES

FINISHING PROCESS FOR CONCRETE SLAB

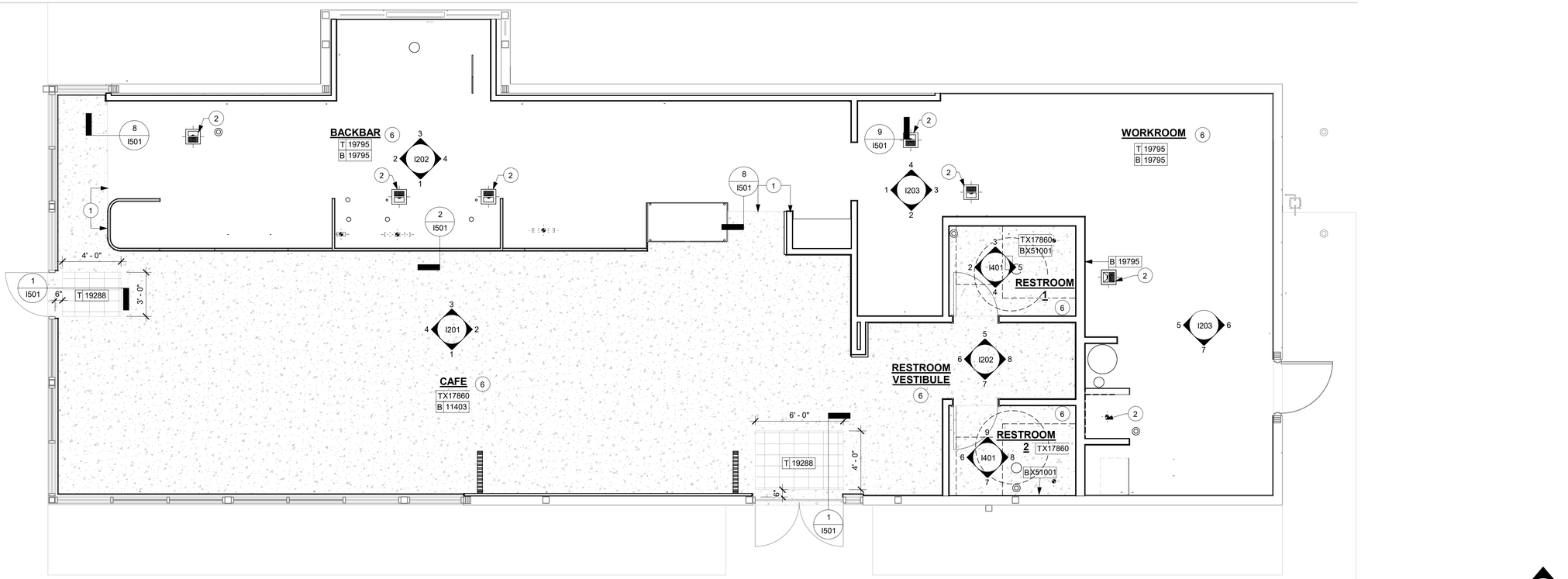
- INTEGRAL GRINDING WILL BEGIN AT A MINIMUM OF 36 HYBRID BOND DIAMOND GRIT. AFTER A UNIFORM SCRATCH PATTERN HAS BEEN DEVELOPED IN THE SURFACE OF THE CONCRETE; BEGIN GRINDING THE FLOOR UP TO A DIAMOND GRIT ACCEPTABLE FOR DENSIFING. LEVEL OF FINISH TO BE [OPEN AGGREGATE, SALT & PEPPER, LIGHT SAND]. GC TO HAND GRIND OR USE A STAND-UP EDGER FOR GRINDING/POLISHING EDGE AND INSIDE CORNER CONDITIONS.
- CLEAN FLOOR WITH VEXCON CERTI-SHINE CLEAR DENSIFIER APPLIED IN MULTIPLE COATS.
- AFTER THE DENSIFIER HAS CURED, RINSE THE FLOOR WITH VEXCON CERTI-SHINE FIXATIVE, REMOVING UN-REACTED SILICATES FROM THE SURFACE OF THE CONCRETE AND IMPROVING THE CHEMICAL AND STAIN RESISTANCE OF THE POLISHED CONCRETE SYSTEM.
- ONCE THE RINSE HAS BEEN COMPLETED CONTINUE POLISHING THE FLOOR UP TO A 400 GRIT POLISH.
- CLEAN FLOOR AGAIN AND APPLY A VEXCON CERTISHINE FINISH COAT ULTRA WB IN MULTIPLE COATS. ALLOWING FOR OPTIMAL PENETRATION.
- AFTER THE STAIN PROTECTANT HAS CURED, BURNISH THE FLOOR WITH A HIGH SPEED BUFFER.

POLISHING PROCEDURE :

- ADHERE TO INDUSTRY STANDARD POLISHING PROCEDURES FOR DRY AND WET GRINDING/POLISHING IS ACCEPTABLE WHEN INDUSTRY STANDARD POLISHING PROCEDURES ARE ADHERED TO.
- SCRUB AND RINSE SLAB SURFACE WITH CLEAN WATER AND VACUUM WITH AUTO-SCRUBBER BETWEEN AND AFTER FINAL POLISHING PASSES.
- SEQUENTIAL PROGRESSION OF DIAMOND POLISHING STEPS SHALL BE REQUIRED AND LIMITED TO NO MORE THAN DOUBLE THE GRIT VALUE OF THE PREVIOUS DIAMONDS USED.
- OVERLAP ADJACENT POLISHING PASSES BY 25 PERCENT
- PERFORM EACH PASS PERPENDICULAR TO THE OTHER PASS NORTH/SOUTH THEN EAST/WEST; MULTIPLE PASSES MAY BE NEEDED.
- PROGRESSIVELY GRIND AND POLISH THE SLAB SURFACE UTILIZING APPROVED DIAMOND SEGMENTS AS NECESSARY TO PRODUCE FINISHING REQUIREMENTS.

PREPARATION :

- Clean dirt, dust, oil, grease and other contaminants that interfere with penetration or performance of specified product from surfaces. Use appropriate concrete cleaners approved by the concrete surface treatment manufacturer where necessary. Rinse thoroughly using pressure water spray to remove cleaner residues. Allow surfaces to dry completely before application of product.
- Repair, patch and fill cracks, voids, defects and damaged areas in surface as approved by the Architect. Allow repair materials to cure completely before application of product.
- Variations in substrate texture and color will affect final appearance and should be corrected prior to application of sealer/hardener system and the polishing steps.
- Protect surrounding areas prior to application of densifiers and stains. If products are accidentally misapplied to adjacent surfaces, flush with water immediately before material dries.
- Avoid contact in areas not to be treated. Avoid contact with metal, glass and painted surfaces.
- Apply specified sealants and caulking and allow complete curing before application of penetrating concrete hardener/densifier.
- Test surfaces with droplets of water. If water beads and does not penetrate surface, or penetrates only in some areas, profile surfaces by grinding, sanding, or abrasive blasting. Retest and continue profiling surface until water droplets immediately darken and uniformly penetrate concrete surfaces.



1 1ST FLOOR - FLOOR FINISH PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

KEYED NOTES

1. ALIGN TILE TRANSITION WITH FACE OF ADJACENT WALL/SURFACE WHERE INDICATED.
2. FLOOR SINK LOCATION. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND PLUMBING FOR ADDITIONAL INFORMATION.
3. RECESSED ELECTRICAL. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND ELECTRICAL FOR ADDITIONAL INFORMATION.
4. RECESSED WALK-OFF MAT AT ENTRY.
5. MOP SINK WHERE INDICATED. SEE PLUMBING PLANS FOR MORE INFORMATION.
6. SEE BUILDING FLOOR PENETRATION PLAN AND PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

A. WORKROOM TO BE FINISHED PER LOCAL CODE REQUIREMENTS.

B. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH-GLOSS FINISH.

C. STARBUCKS TO SUPPLY FLOORING AND BASE FOR FRONT AND BACK OF HOUSE AS NOTED IN SCHEDULES. GENERAL CONTRACTOR TO INSTALL. GENERAL CONTRACTOR TO SUPPLY WORKROOM TILE AND BASE AND INSTALL. GENERAL CONTRACTOR TO SUPPLY AND INSTALL MORTAR, ADHESIVE, AND GROUT. GENERAL CONTRACTOR TO INSPECT ALL TILES AND REJECT DAMAGED OR SUBSTANDARD TILES PRIOR TO INSTALLATION.

D. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

E. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

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GPD PROJECT NO: 2020261.36

MARK S. SALOPEK REGISTERED ARCHITECT 10433 NORTH CAROLINA
GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION REGISTERED ARCHITECTURAL CORPORATION No. 52715 NORTH CAROLINA AKRON, OH
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
FLOOR FINISH PLAN

SCALE: AS SHOWN

SHEET NUMBER:
I104

9/2/2021 8:55:57 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

PAINT SCHEDULE

DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS
SW7031	SW7031 MEGA GREIGE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y50R; AKZO NOBEL - 20YY 37/094

WALL TREATMENT (AREA) SCHEDULE - "Q"

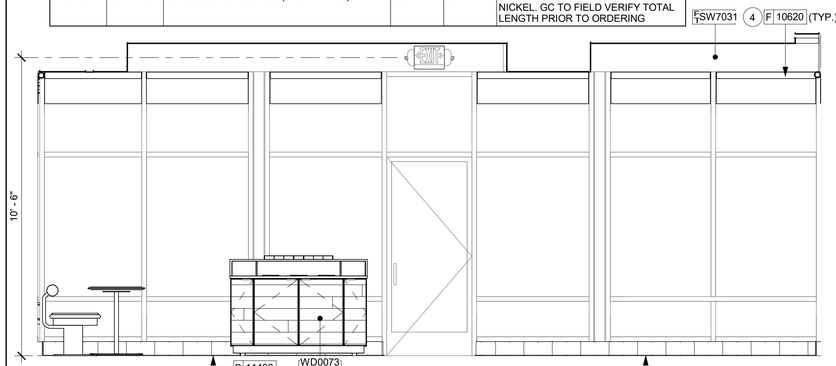
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
11469	1595 SF	FRP - WHITE	GC	GC	
TILE					
20219	1032 SF	TILE - LUNAR - TITANIUM - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 09 GRAY, OR EQUAL
21046	289 SF	TILE - PENNY ROUND - BLACK SPECKLE - 11X22IN 580X560MM SHEET	SB	GC	GROUT: MAPEI -10 BLACK, OR EQUAL
WALL COVERING					
21058	362 SF	VINYL WALL COVERING - ACCORD - MYSTIC	SB	GC	

WALL BASE SCHEDULE - "B"

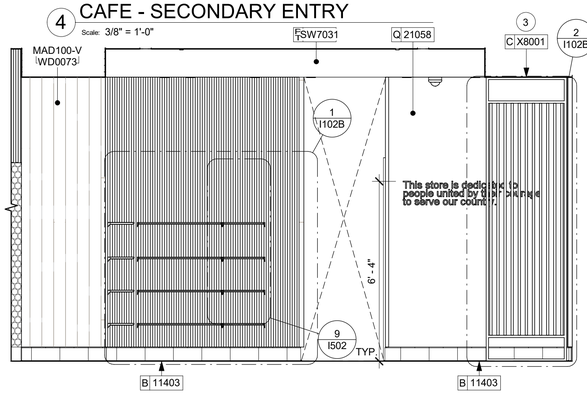
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
11403	168' - 2"	TILE BASE - BLACK - 6X12IN 150X305MM	SB	GC	GROUT GR0008: MAPEI 10 - BLACK; LATICRETE 45 - RAVEN; PRETOKOLL - P.FLEX PRETO
19795	379' - 2 1/2"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	
X51001	52' - 7 1/2"	SCHLUTER COVE BASE (TILE-TO-TILE)	GC	GC	LOCATED IN RESTROOMS. SATIN NICKEL. GC TO FIELD VERIFY TOTAL LENGTH PRIOR TO ORDERING

GRAPHICS AND ARTWORK SCHEDULE - "G"

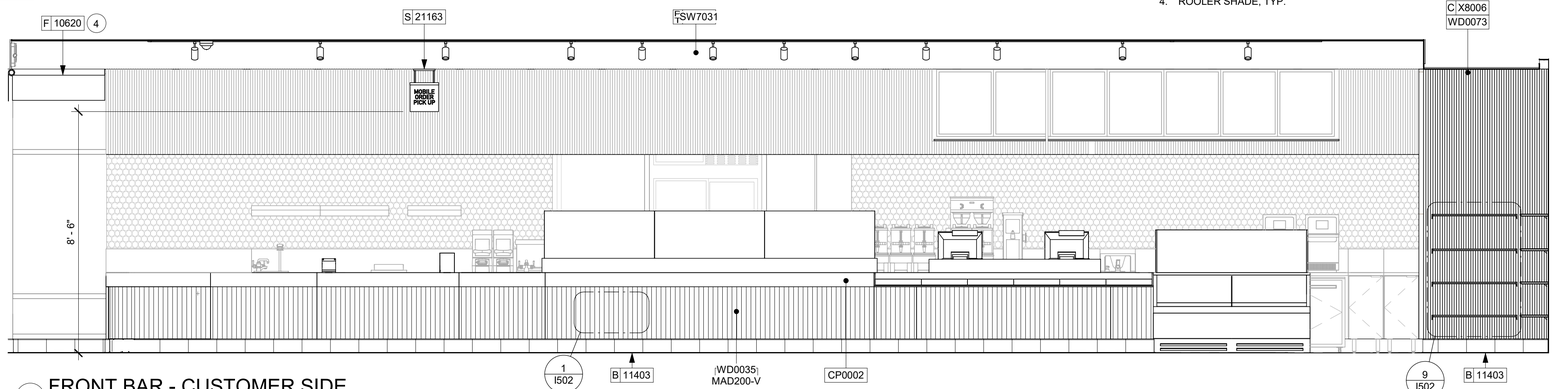
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
GRAPHICS - ARTWORK					
16908	1	ART - JENNIFER AMENT - STAR	SB	GC	DESIGNER TO SPECIFY OPTIONS - FORMAT, FINISHES, ETC. THIS IMAGE CANNOT BE CROPPED OR RESIZED
X9001	1	ARTWORK - 1	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9002	1	ARTWORK - 2	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9003	1	ARTWORK - 3	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9004	1	ARTWORK - 4	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9005	1	ARTWORK - 5	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9006	1	ARTWORK - 6	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9007	1	ARTWORK - 7	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9008	1	ARTWORK - 8	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9009	1	ARTWORK - 9	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9010	1	ARTWORK - 10	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9011	1	ARTWORK - 11	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9012	1	ARTWORK - 12	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
GRAPHICS - INTERIOR MENU					
18984	7	MENU BOARD - UNIVERSAL WALL MOUNT BRACKET	SB	GC	
19551	6	MENU BOARD - FRONT INSERT PANEL WITH SQUARE FRAME - WHITE OAK WD0073	SB	GC	
19552	1	MENU BOARD - DAILY OFFERING CHALKBOARD WITH SQUARE FRAME - WHITE OAK WD0073	SB	GC	
GRAPHICS - OTHER					
11135	2	RESTROOM SIGN UNISEX ACCESSIBLE	SB	GC	
12693	1	COMMUNITY BOARD MAGNETIC MED WARM BROWN WD0004 - 46X36IN 1170X915MM	SB	GC	



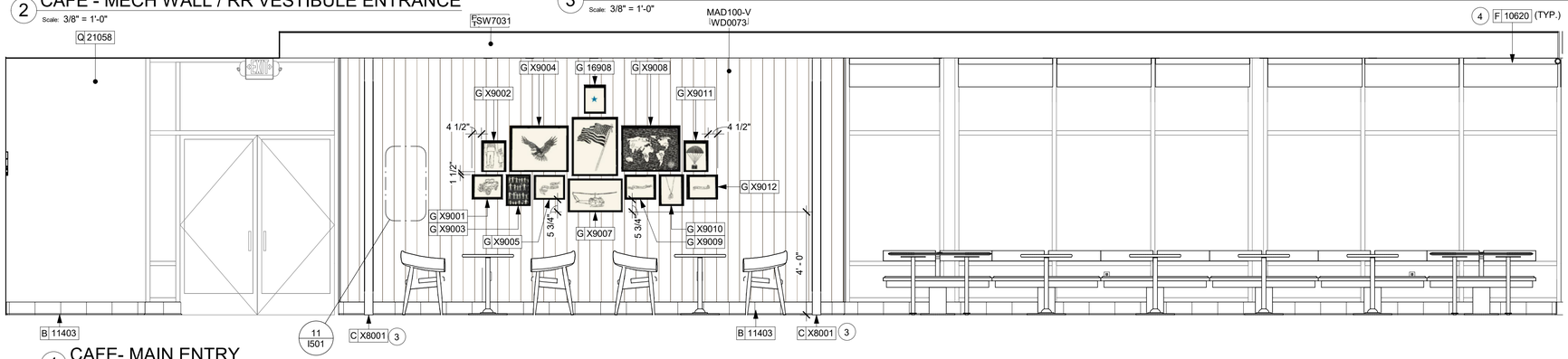
4 CAFE - SECONDARY ENTRY
Scale: 3/8" = 1'-0"



2 CAFE - MECH WALL / RR VESTIBULE ENTRANCE
Scale: 3/8" = 1'-0"



3 FRONT BAR - CUSTOMER SIDE
Scale: 3/8" = 1'-0"



1 CAFE- MAIN ENTRY
Scale: 3/8" = 1'-0"

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.

B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.

C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.

D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
1) WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
2) ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
   a. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.

E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.

F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH GLOSS FINISH.

G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON THE CASEWORK FINISH PLAN ON SHEET I102 FOR CASEWORK FINISH MATERIAL INFORMATION.

I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

KEYED NOTES

1. WALL CLADDING.
2. ART WORK.
3. CUSTOM SCREEN.
4. ROOLER SHADE, TYP.

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DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

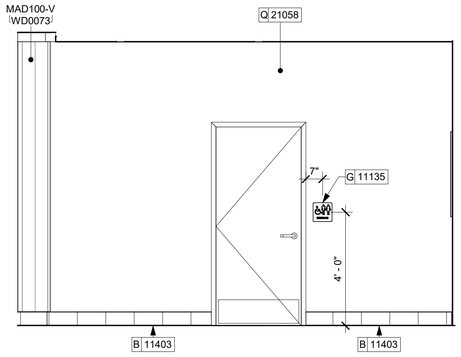
Revision Schedule

Rev	Date	By	Description

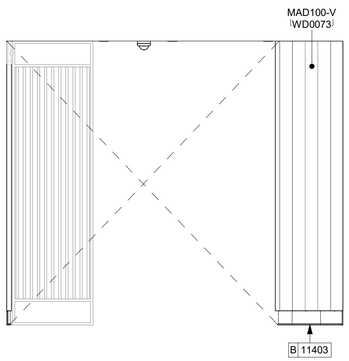
SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I201

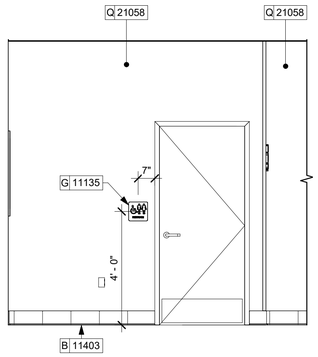
9/2/2021 8:56:06 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



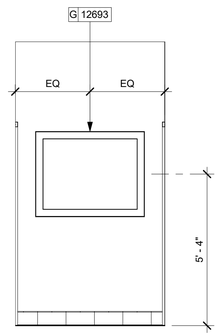
5 VESTIBULE
Scale: 3/8" = 1'-0"



6 VESTIBULE
Scale: 3/8" = 1'-0"



7 VESTIBULE
Scale: 3/8" = 1'-0"



8 VESTIBULE
Scale: 3/8" = 1'-0"

KEYED NOTES

1. ATTACH MENU BOARDS PER INSTALLATION DETAILS.
2. SHELVING FOR CBE STATION AS SHOWN. G.C. TO PROVIDE WALL BLOCKING FOR FASTENERS.
3. CUP DISPENSERS. SEE FF & E PLAN ON SHEET I101 FOR ADDITIONAL INFORMATION.
4. WALL FINISH BEHIND EXPOSED CABINETRY AND BELOW UNDERSIDE OF COUNTERTOP SUBSTRATE TO BE FRP.
5. INSTALL AIR CURTAIN AS REQUIRED PER JURISDICTION.
6. PROVIDE 6" (150MM) MIN. INTEGRAL SPLASHGUARD AT HAND SINK PER JURISDICTIONAL REQUIREMENTS.
7. CP0057 AT WINDOW SILL AND FRAME, TYP.

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.

B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.

C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.

D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
1) WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
2) ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
   a. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.

E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.

F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH GLOSS FINISH.

G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON THE CASEWORK FINISH PLAN ON SHEET I102 FOR CASEWORK FINISH MATERIAL INFORMATION.

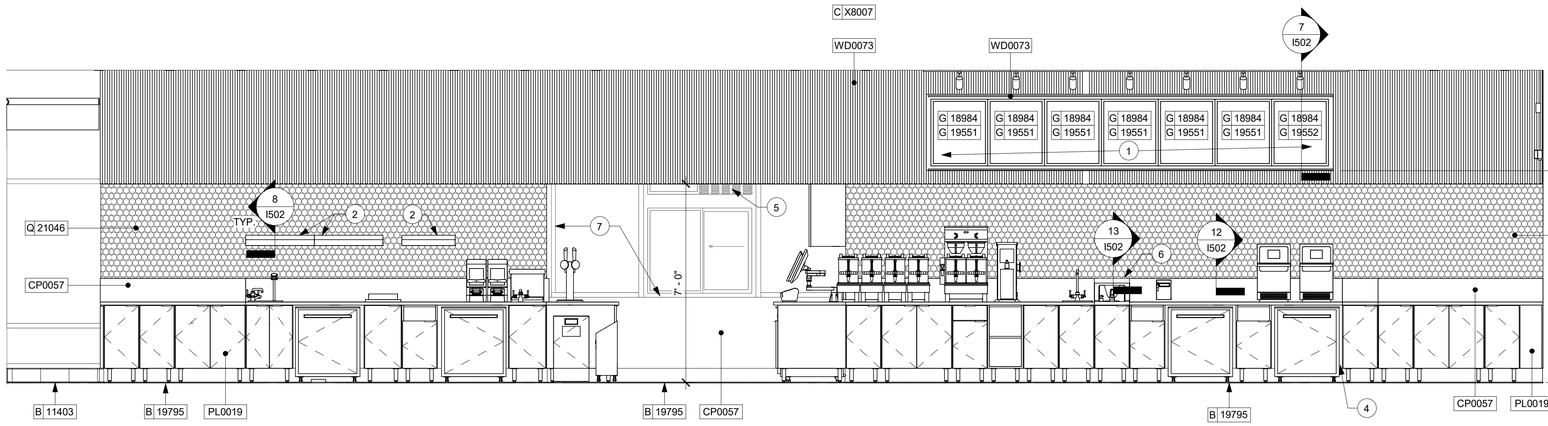
I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

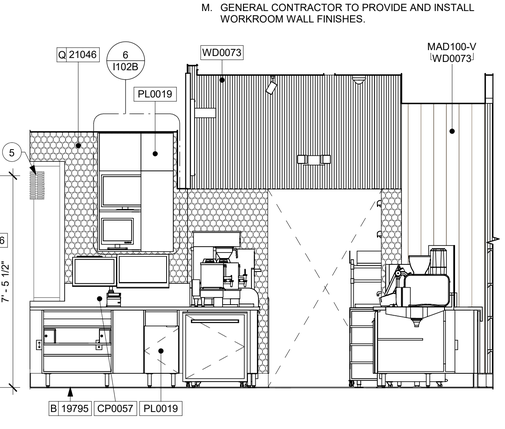
K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

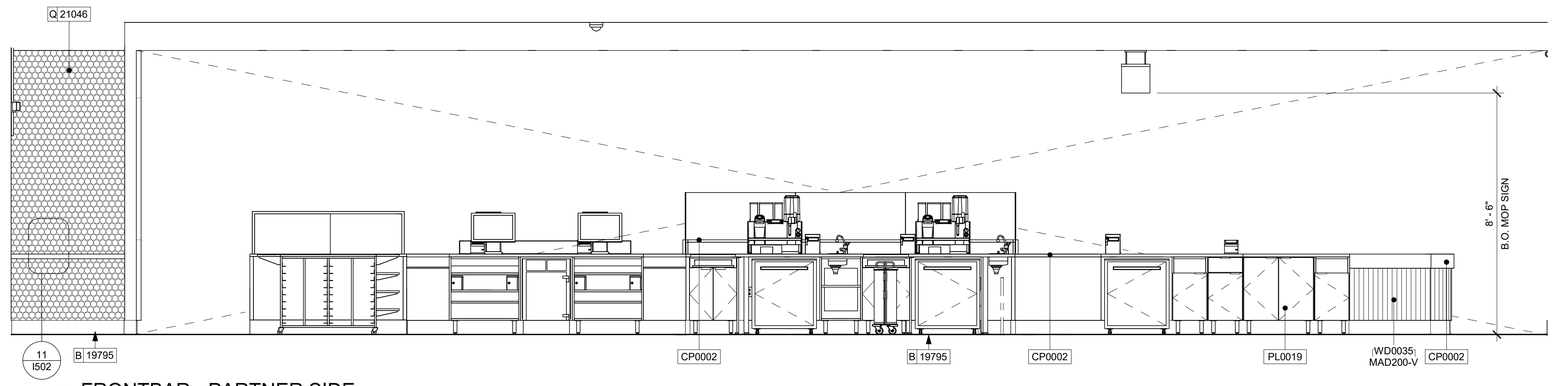
M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.



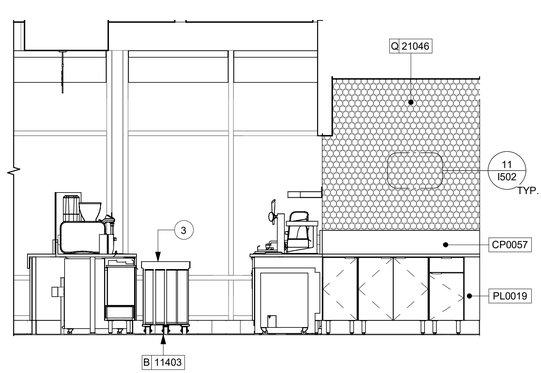
3 BACKBAR
Scale: 3/8" = 1'-0"



4 BACKBAR - DRIVE-THRU POS
Scale: 3/8" = 1'-0"



1 FRONTBAR - PARTNER SIDE
Scale: 3/8" = 1'-0"



2 BACKBAR - SIDE
Scale: 3/8" = 1'-0"

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Professional Corporation - 52715

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AKRON, OH 44311
P: 330-572-2100 F: 330-572-2101

GPD PROJECT NO: 2020261.36

MARK S. SALOPEK REGISTERED ARCHITECT 10433 NORTH CAROLINA
GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION No. 52715 NORTH CAROLINA AKRON, OH
09/02/2021

PROJECT NAME:
HWY 24 & BRINKLEY HILL

PROJECT ADDRESS:
2778 NC-24
CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

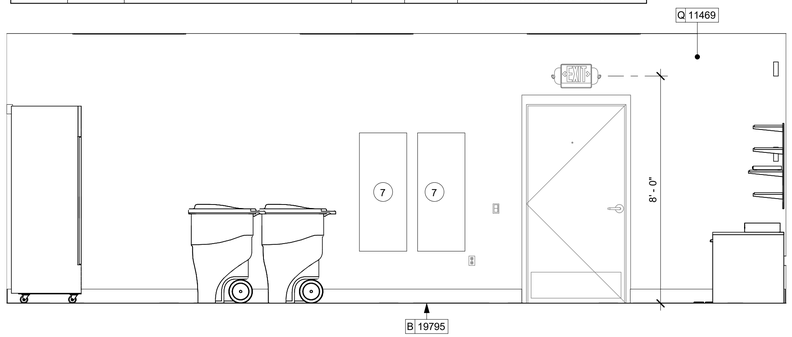
SHEET NUMBER:
I202

9/2/2021 8:56:10 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

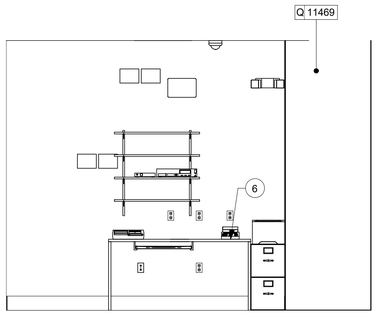
PAINT SCHEDULE					
DESIGN ID	**DESCRIPTION**	**LRV**	**FURN. BY**	**INST. BY**	**COMMENTS**
SW7031	SW7031 MEGA GREIGE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y50R; AKZO NOBEL - 20YY 37/094

WALL TREATMENT (AREA) SCHEDULE - "Q"					
DESIGN ID	**AREA**	**DESCRIPTION**	**FURN. BY**	**INST. BY**	**COMMENTS**
PLASTIC					
11469	1595 SF	FRP - WHITE	GC	GC	
TILE					
20219	1032 SF	TILE - LUNAR - TITANIUM - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 09 GRAY, OR EQUAL
21046	289 SF	TILE - PENNY ROUND - BLACK SPECKLE - 11X22IN 580X560MM SHEET	SB	GC	GROUT: MAPEI -10 BLACK, OR EQUAL
WALL COVERING					
21058	362 SF	VINYL WALL COVERING - ACCORD - MYSTIC	SB	GC	

WALL BASE SCHEDULE - "B"					
DESIGN ID	**LENGTH**	**DESCRIPTION**	**FURN. BY**	**INST. BY**	**COMMENTS**
TILE BASE					
11403	168' - 2"	TILE BASE - BLACK - 6X12IN 150X305MM	SB	GC	GROUT GR0008: MAPEI 10 - BLACK; LATICRETE 45 - RAVEN; PRETOKOLL - P.FLEX PRETO
19795	379' - 2 1/2"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	
X51001	52' - 7 1/2"	SCHLUTER COVE BASE (TILE-TO-TILE)	GC	GC	LOCATED IN RESTROOMS. SATIN NICKEL. GC TO FIELD VERIFY TOTAL LENGTH PRIOR TO ORDERING



6 WORKROOM
Scale: 3/8" = 1'-0"



7 WORKROOM - MANAGER STATION
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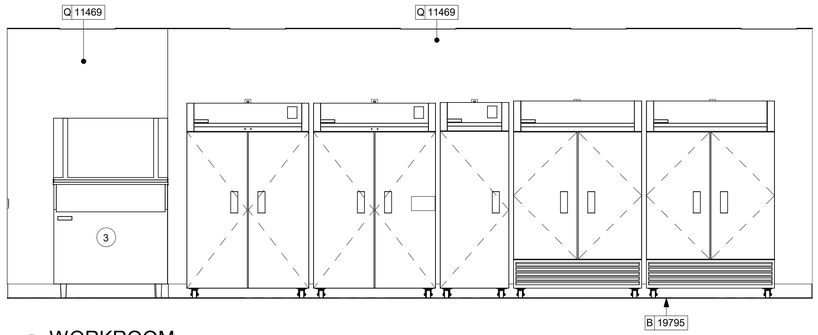
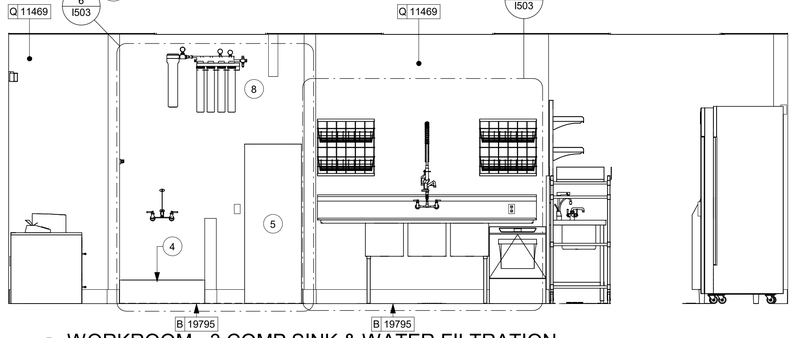


4 WORKROOM
Scale: 3/8" = 1'-0"



5 WORKROOM - 3 COMP SINK & WATER FILTRATION
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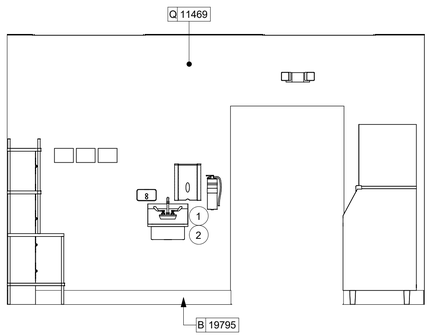
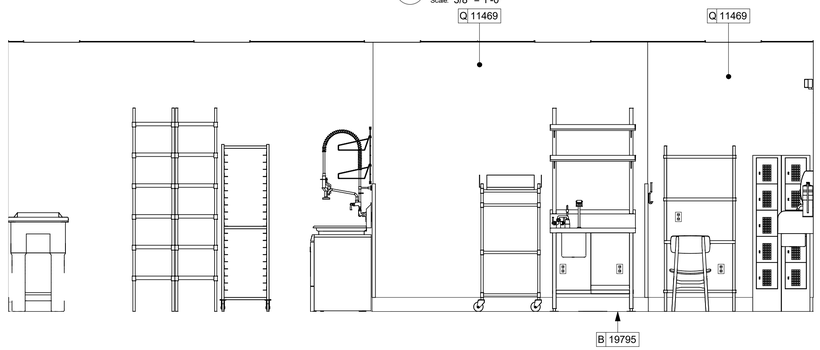
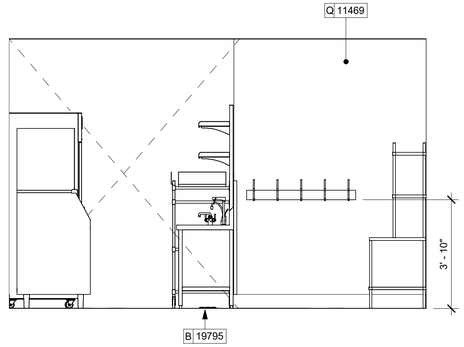


1 WORKROOM
Scale: 3/8" = 1'-0"



2 WORKROOM
Scale: 3/8" = 1'-0"



3 WORKROOM
Scale: 3/8" = 1'-0"

KEYED NOTES

1. PROVIDE 6" (150MM) MIN. INTEGRAL SPLASHGUARD AT HAND SINK PER JURISDICTIONAL REQUIREMENTS.
2. WALL MOUNT HAND SINK WITH SOAP AND PAPER TOWEL DISPENSER. G.C. TO PROVIDE BLOCKING FOR FASTENERS.
3. ICE MACHINE (SEE PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
4. MOP SINK. FULL HEIGHT FRP AT ENCLOSURE (SEE PLUMBING PLANS FOR MORE INFORMATION).
5. WATER HEATER (SEE PLUMBING DRAWINGS).
6. MANAGER'S DESK (SEE ENLARGED DETAILS).
7. ELECTRICAL PANELS (SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
8. WATER FILTRATION EQUIPMENT (SEE PLUMBING DRAWINGS).

GENERAL NOTES

A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.

B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.

C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.

D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
   1) WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
   2) ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
      a. WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
   3) PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.

E. PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.

F. FLOORS, WALLS AND CEILING FINISHES IN FOOD PREPARATION AREAS SHALL BE SMOOTH, NON-TOXIC, NON-ABSORBENT, DURABLE AND EASILY CLEANABLE. PAINT SHALL BE WASHABLE; SEMI-GLOSS OR HIGH GLOSS FINISH.

G. ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETRY) SHALL BE SEALED.

H. REFER TO CASEWORK FINISH SCHEDULE ON THE CASEWORK FINISH PLAN ON SHEET I102 FOR CASEWORK FINISH MATERIAL INFORMATION.

I. ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.

J. ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.

K. ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.

L. INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.

M. GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

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PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

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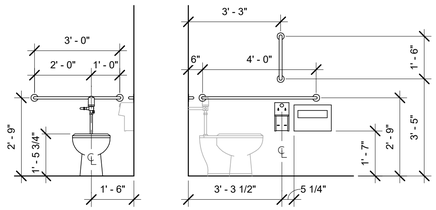
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

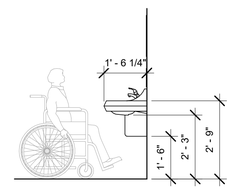
SHEET TITLE:
INTERIOR FINISH ELEVATIONS
SCALE: AS SHOWN

SHEET NUMBER:
I203

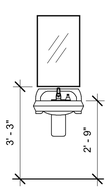


TOILET
FRONT ELEVATION

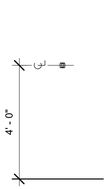
TOILET
SIDE ELEVATION



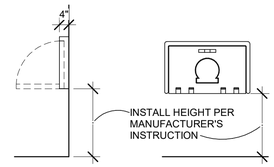
HAND SINK
SIDE ELEVATION



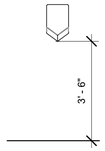
HAND SINK
FRONT ELEVATION



COAT
HOOK ELEVATION

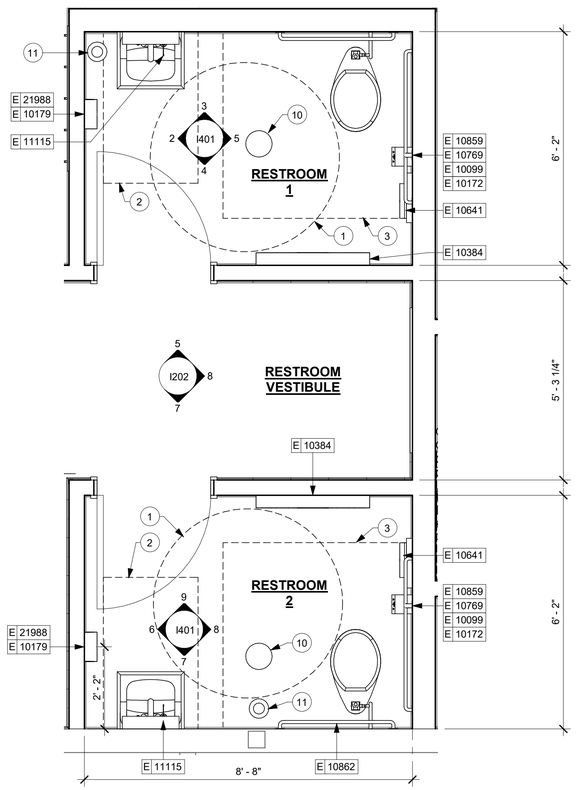


DIAPER
CHANGING STATION SIDE AND FRONT ELEVATIONS



ELECTRIC HAND
DRYER FRONT ELEVATION

MOUNTING HEIGHTS FOR RESTROOM ACCESSORIES



1 ENLARGED RESTROOM PLAN
Scale: 1/2" = 1'-0"

0 1' 2' 4'
Scale: 1/2" = 1'-0"

N

KEYED NOTES

1. 67" (1700MM) ACCESSIBLE TURNING RADIUS.
2. 30" (760MM) X 52" (1320MM) CLEAR FLOOR SPACE.
3. 56" (1422MM) X 60" (1524MM) WATER CLOSET CLEAR FLOOR SPACE.
4. BABY CHANGING FIXTURE.
5. TILE START. FULL TILE ABOVE SCHLUTER TRIM.
6. WALL MOUNTED LAVATORY INSTALLED WITH SUPPORT CARRIER AND INSULATED BOOT AT EXPOSED PIPES.
7. CENTER MIRROR OVER LAVATORY. MOUNT AT 40" (1015MM) MAX. TO BOTTOM EDGE OF REFLECTIVE SURFACE.
8. COAT HOOK. MOUNT AT CENTERLINE OF DOOR, 48" AFF.
9. CENTER SCONCE LIGHTING OVER MIRROR (SEE ELECTRICAL).
10. FLOOR DRAIN. SEE PLUMBING DRAWINGS FOR DETAILS.
11. FLOOR CLEANOUT. SEE PLUMBING DRAWINGS FOR DETAILS.
12. GC SHALL INSTALL SCHLUTER TRIM AT BOTTOM OF WALL TILE. COLOR: SATIN NICKEL, TYP.
13. SANITARY NAPKIN DISPOSAL UNIT.

GENERAL NOTES

A. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

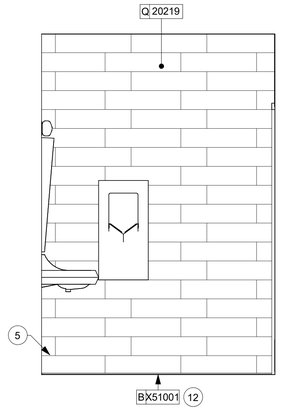
B. ALL DIMENSIONS ARE TO BE TAKEN FROM A DESIGNATED DATUM POINT.

C. DIMENSIONS ARE TO FACE OF FINISHED SURFACE UNLESS OTHERWISE NOTED.

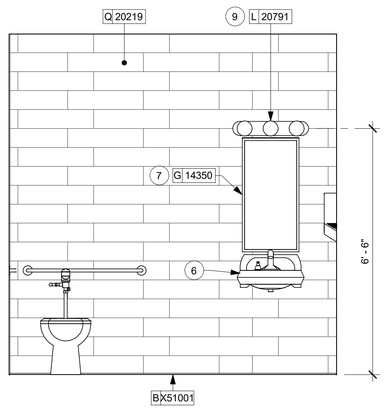
D. DIAPER CHANGING STATION IS TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. UNIT IS TO BE FASTENED TO STRUCTURE AT ALL SIX CHASSIS ATTACHMENT POINTS.

E. LOCATE DIAPER CHANGING STATION AS SHOWN TO ALLOW NECESSARY CLEARANCE FOR OPERATION OF ALL RESTROOM FIXTURES. LOCATION SHALL NOT IMPEDE ACCESS, EGRESS, OR DOOR SWING.

F. ALL RESTROOM ACCESSORY MOUNTING HEIGHTS AND CLEARANCES SHALL COMPLY WITH THE ACCESSIBILITY REQUIREMENTS OF THE LOCAL JURISDICTION.



6 RESTROOM 2
Scale: 1/2" = 1'-0"



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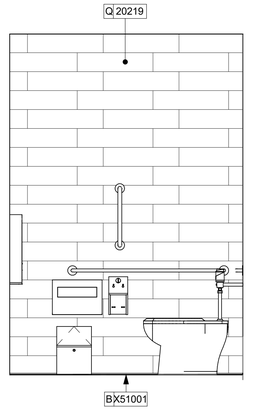

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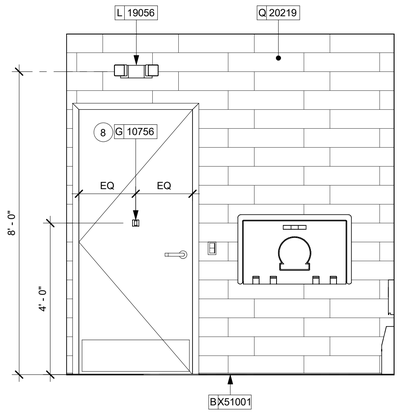
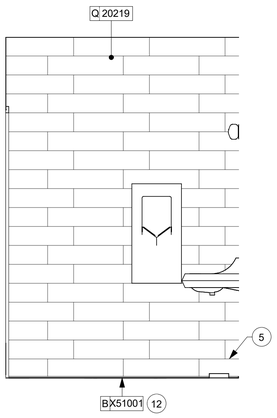


9 RESTROOM 2
Scale: 1/2" = 1'-0"



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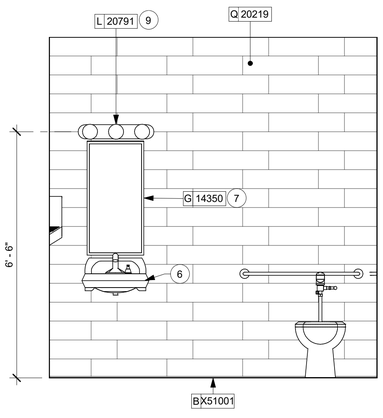

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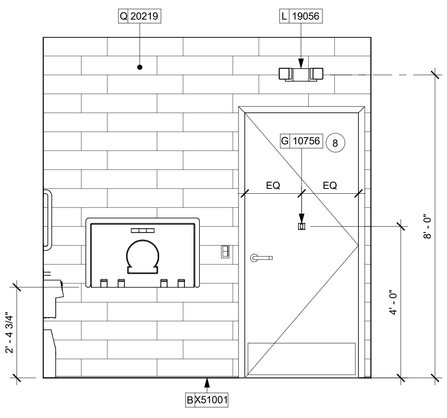

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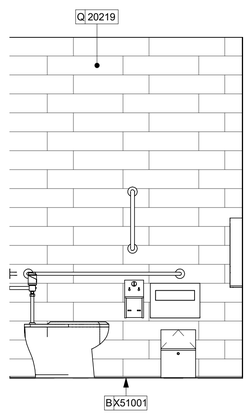

5 RESTROOM 1
Scale: 1/2" = 1'-0"

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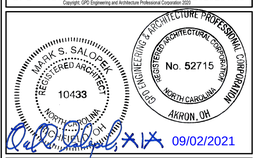

09/02/2021

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PROJECT ADDRESS:
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PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

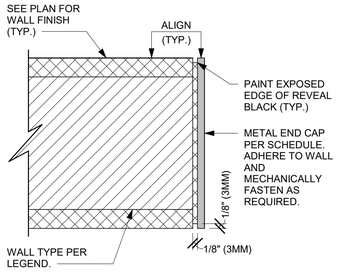
Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
RESTROOM PLAN & ELEVATIONS
SCALE: AS SHOWN

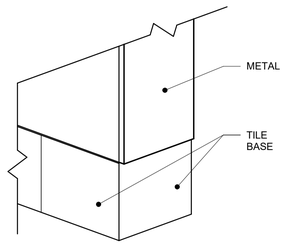
SHEET NUMBER:
I401

9/2/2021 8:56:21 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



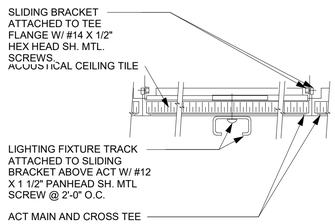
12 WALL METAL END CAP

Scale: 6" = 1'-0"



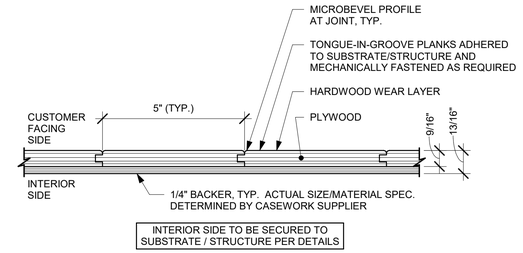
13 WALL END CAP AT TILE BASE - METAL

Scale: 3" = 1'-0"

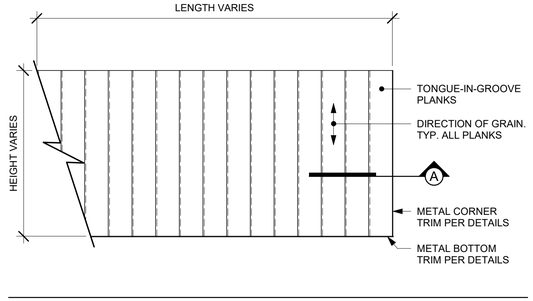


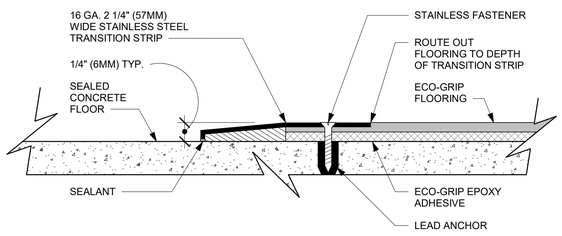
14 TRACK MOUNTING DETAIL

Scale: 1/8" = 1'-0"



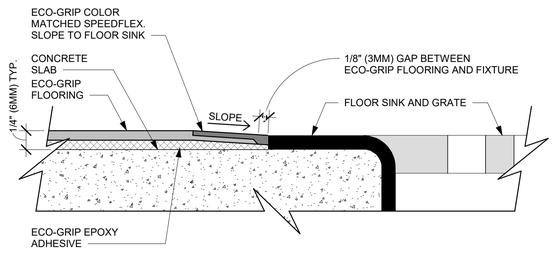
Ⓐ **ENLARGED SECTION PROFILE**
NOT TO SCALE





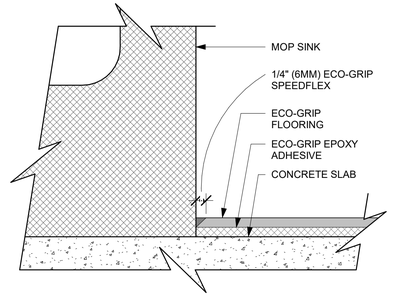
8 ECO-GRIP TO CONCRETE TRANSITION

Scale: 12" = 1'-0"



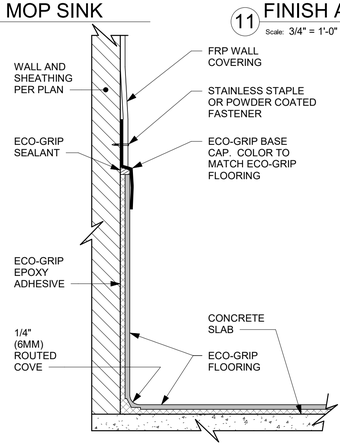
9 ECO-GRIP TO FLOOR SINK TRANSITION

Scale: 12" = 1'-0"



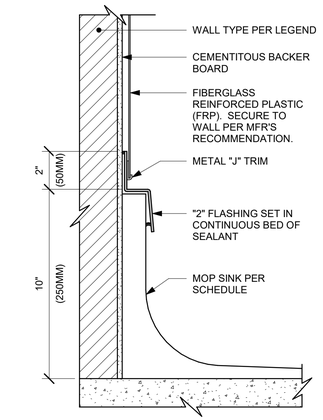
10 ECO-GRIP AT MOP SINK

Scale: 12" = 1'-0"



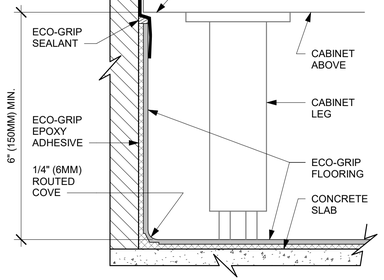
6 ECO-GRIP BASE CAP WITH FRP

Scale: 6" = 1'-0"



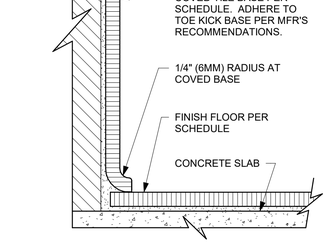
7 MOP SINK WITHOUT FLANGE

Scale: 3" = 1'-0"



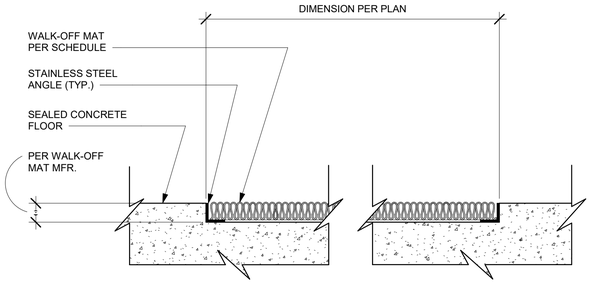
4 ECO-GRIP BASE AT CABINET WITH LEGS

Scale: 6" = 1'-0"



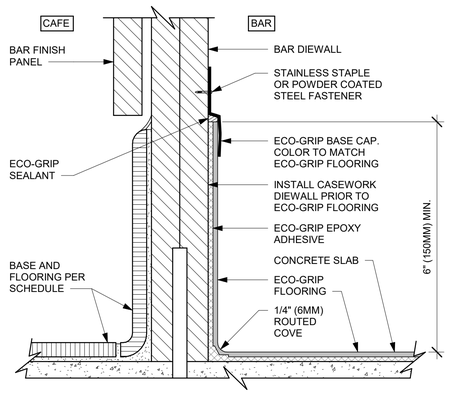
5 TOP SET TILE BASE AT WALL

Scale: 6" = 1'-0"



1 RECESSED WALK-OFF MAT

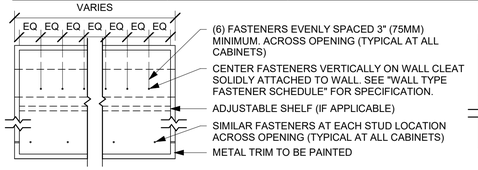
Scale: 6" = 1'-0"



2 ECO-GRIP BASE AT BAR DIEWALL

Scale: 6" = 1'-0"

WALL TYPE FASTENER SCHEDULE			
WALL TYPE	WALL BLOCKING	FASTENERS	NOTES
WOOD FRAME	X	#8 X3" (75MM) WD OR EQUIVALENT	REFER TO BLOCKING REQUIREMENTS
METAL FRAME	X	#6 CT. X 1 1/4" (30MM) MTL/WD OR EQUIVALENT	REFER TO BLOCKING REQUIREMENTS
CMU		MIN. 5/16" X 3" (8MM X 75MM) TAPCON OR EQUIVALENT	SPACE PER DETAIL THIS SHEET
CONCRETE		MIN. 1/4" X 3" (7MM X 75MM) SLEEVE ANCHOR OR EQUIVALENT	SPACE PER DETAIL THIS SHEET
BRICK		MIN. 1/4" X 1" (7MM X 25MM) WEDGE ANCHOR OR EQUIVALENT	SPACE PER DETAIL THIS SHEET AVOID SETTING ANCHORS IN MORTAR JOINTS

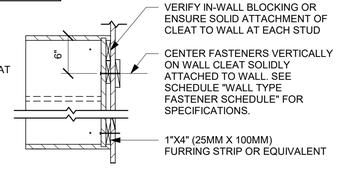


3 UPPER CABINET ATTACHMENT

Scale: 1" = 1'-0"

STUD WALL BLOCKING REQUIREMENTS:
WOOD STUD WALLS REQUIRE MIN. 2" X 6" (50MM X 150MM) WOOD BLOCKING SECURED FLUSH TO STUD FACE WITH (3) 10D NAILS (OR EQUIVALENT)

METAL STUD WALLS REQUIRE MIN. 2" X 6" (50MM X 150MM) WOOD BLOCKING SECURED FLUSH TO STUD FACE WITH MIN. (3) #6 CT. 1.25" (30MM) SCREWS (OR EQUIVALENT)



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520 SOUTH MAIN ST, SUITE 2531
AKRON, OH 44311
P: 330-572-2100 F: 330-572-2101

GPD PROJECT NO: 2020261.36

MARK S. SALOPEK REGISTERED ARCHITECT 10433 NORTH CAROLINA — GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION No. 52715 NORTH CAROLINA — AKRON, OH

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

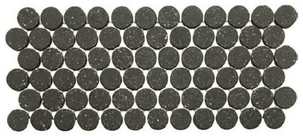
Rev	Date	By	Description

SHEET TITLE:
INTERIOR DETAILS

SCALE: AS SHOWN

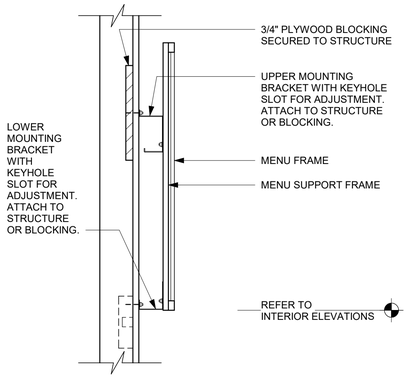
SHEET NUMBER:
I501

9/2/2021 8:56:24 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



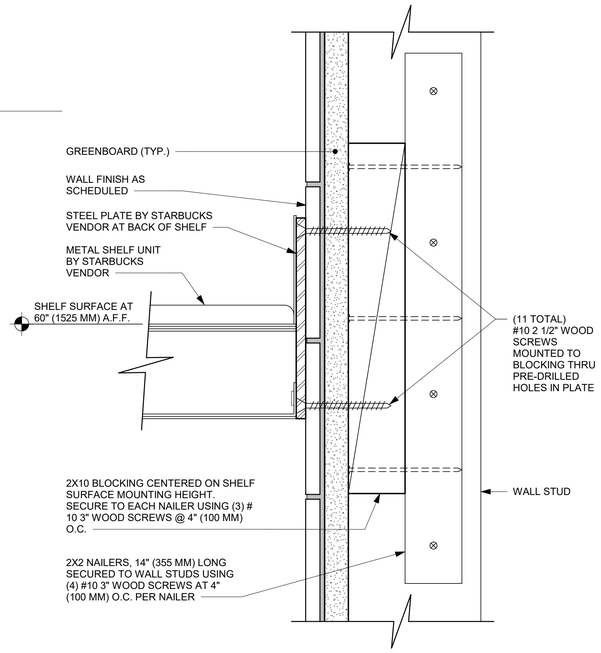
11 BACKBAR WALL TILE PATTERN

Scale: 1 1/2" = 1'-0"



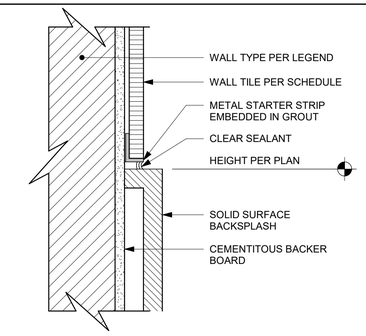
7 MENU - WALL MOUNT W/ SHELF

Scale: 1 1/2" = 1'-0"



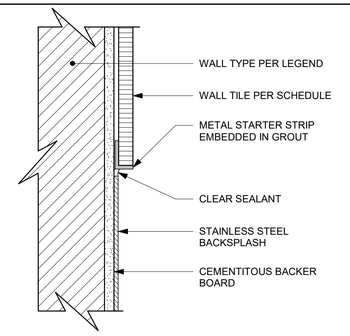
8 METAL TEA SHELF WOOD WALL ATTACHMENT

Scale: 6" = 1'-0"



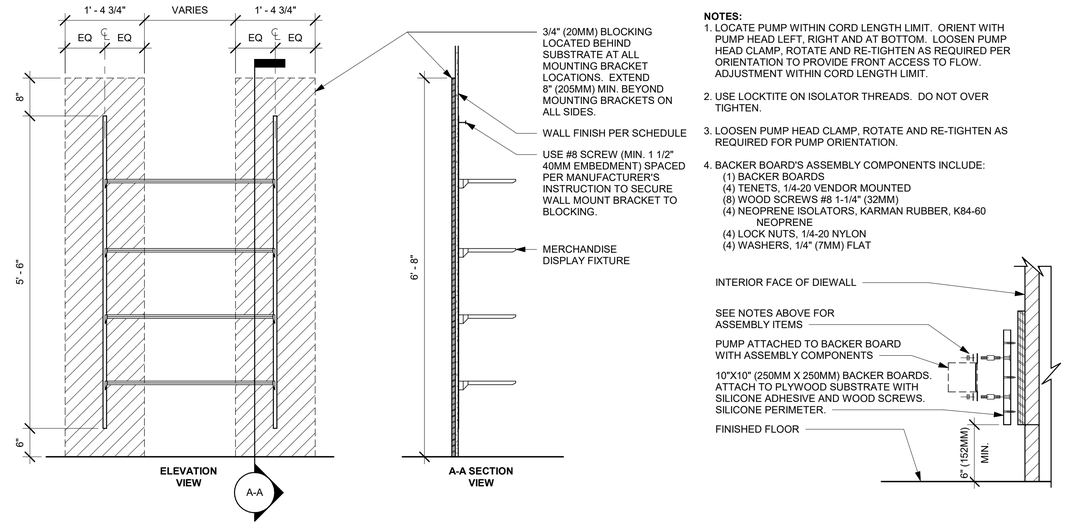
12 SS BACKSPLASH TO TILE TRANSITION

Scale: 6" = 1'-0"



13 SST BACKSPLASH TO TILE TRANSITION

Scale: 6" = 1'-0"



NOTES:

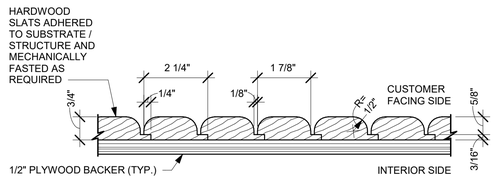
1. LOCATE PUMP WITHIN CORD LENGTH LIMIT. ORIENT WITH PUMP HEAD LEFT, RIGHT AND AT BOTTOM. LOOSEN PUMP HEAD CLAMP, ROTATE AND RE-TIGHTEN AS REQUIRED PER ORIENTATION TO PROVIDE FRONT ACCESS TO FLOW. ADJUSTMENT WITHIN CORD LENGTH LIMIT.
2. USE LOCKTITE ON ISOLATOR THREADS. DO NOT OVER TIGHTEN.
3. LOOSEN PUMP HEAD CLAMP, ROTATE AND RE-TIGHTEN AS REQUIRED FOR PUMP ORIENTATION.
4. BACKER BOARD'S ASSEMBLY COMPONENTS INCLUDE:
   (1) BACKER BOARDS
   (4) TENETS, 1/4-20 VENDOR MOUNTED
   (8) WOOD SCREWS #8 1-1/4" (32MM)
   (4) NEOPRENE ISOLATORS, KARMAN RUBBER, K84-60 NEOPRENE
   (4) LOCK NUTS, 1/4-20 NYLON
   (4) WASHERS, 1/4" (7MM) FLAT

9 MERCH DISPLAY IN-WALL BAY ATTACHMENT

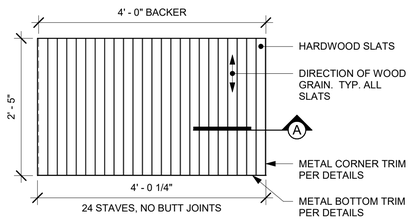
Scale: 3/4" = 1'-0"

10 ESPRESSO PUMP MOUNTED AT DIE WALL

Scale: 1 1/2" = 1'-0"



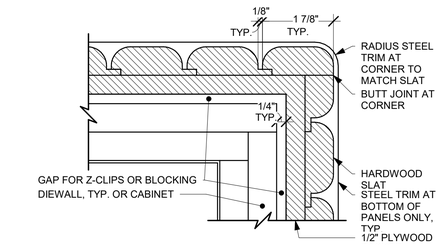
Ⓐ **ENLARGED SECTION PROFILE**
NOT TO SCALE



ELEVATION

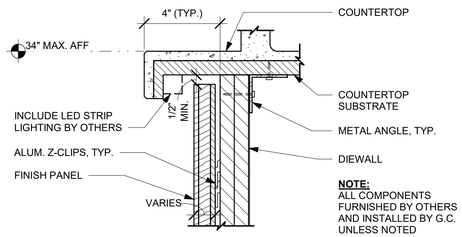
1 FINISH APPLICATION (MAD 200-V) ROUNDED SLAT W/ REVEAL

Scale: 3/4" = 1'-0"



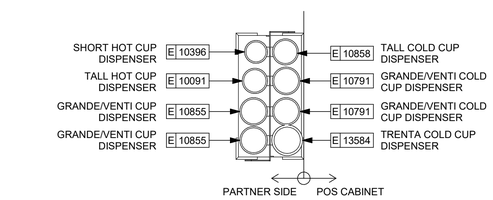
5 MITER DETAIL AT VERTICAL CORNER TRIM

Scale: 6" = 1'-0"



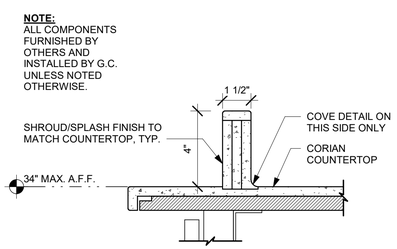
2 FINISH PANEL - BUILT-UP COUNTERTOP OVERHANG

Scale: 3" = 1'-0"



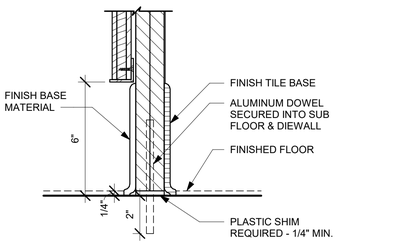
6 CUP CADDY DETAIL

Scale: 1" = 1'-0"



3 ESP SHROUD - CORIAN

Scale: 3" = 1'-0"



4 FINISH PANEL - 6" BASE

Scale: 3" = 1'-0"

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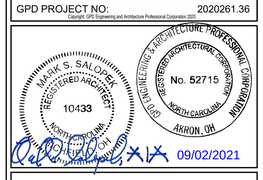
GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
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DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
I502

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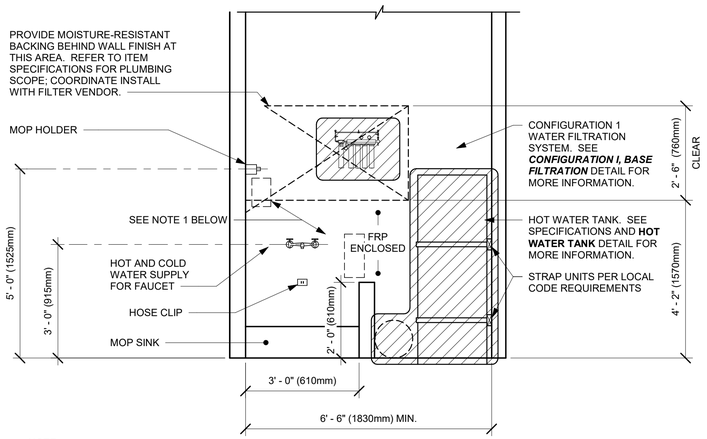
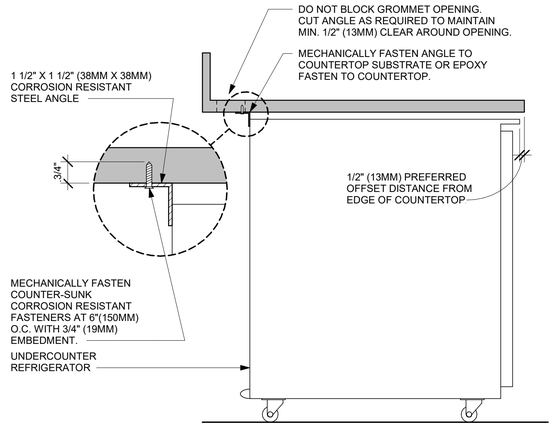


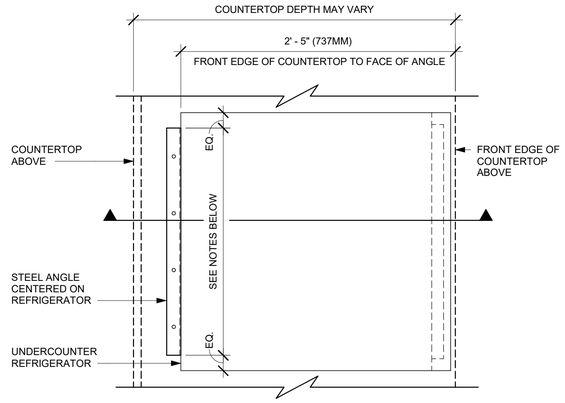
NOTE:
1. KEEP CLEAR AT BACKWALL FOR CHEMICAL DISPENSING SYSTEM COMPONENTS, TO BE INSTALLED BY SYSTEM VENDOR. REFER TO POSTED INSTALLATION GUIDELINES FOR MORE INFORMATION.

6 CONFIGURATION I

Scale: 1/2" = 1'-0"



SECTION VIEW



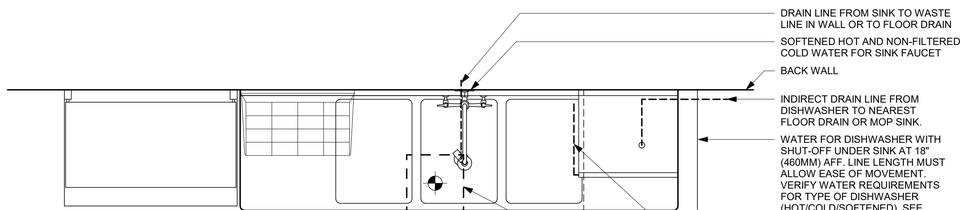
PLAN VIEW

NOTES

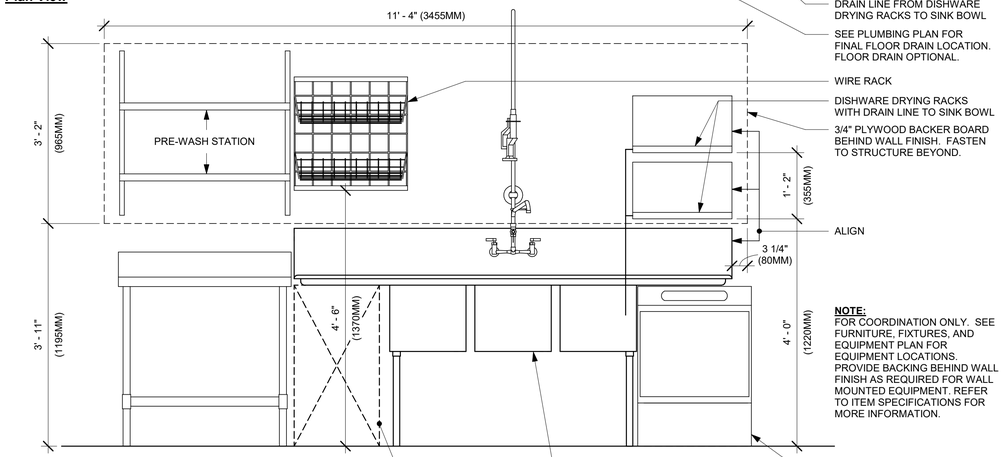
1. 24" (610MM) 1 1/2" X 1 1/2" (38MM X 38MM) STEEL ANGLE TO BE USED WITH SINGLE DOOR REFRIGERATORS.
2. 48" (1220MM) 1 1/2" X 1 1/2" (38MM X 38MM) STEEL ANGLE TO BE USED WITH DOUBLE DOOR REFRIGERATORS.

7 UNDERCOUNTER REFRIGERATOR STOP INSTALLATION

Scale: 1 1/2" = 1'-0"



Plan View

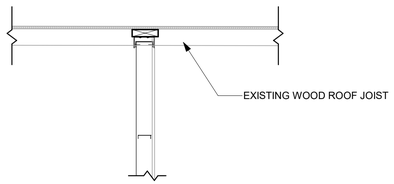


Elevation View

KEEP CLEAR FOR WALL MOUNTED CHEMICAL DISPENSING SYSTEM, TO BE INSTALLED BY SYSTEM VENDOR. PROVIDE BACKING BEHIND WALL FINISH FOR EQUIPMENT MOUNTING. REFER TO POSTED INSTALLATION GUIDELINES FOR MORE INFORMATION.

1 SANITIZING (GENERIC) - PLUMBING

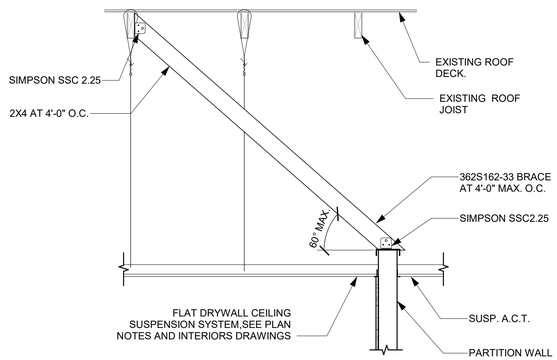
Scale: 3/4" = 1'-0"



TOP OF WALL TO BOTTOM OF 2ND FLOOR DECK

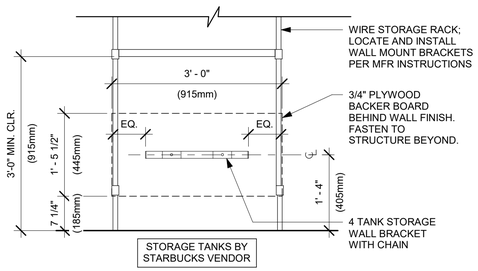
4 TYP. WALL PERP. TO ROOF JOISTS

Scale: 3/4" = 1'-0"



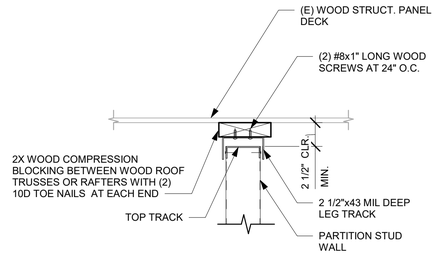
2 TYP. WALL PARALLEL TO AND BELOW TRUSSES

Scale: 3/4" = 1'-0"



5 GAS CYLINDER BRACING

Scale: 3/4" = 1'-0"



3 TYPICAL SLIP TRACK CONNECTION

Scale: 1 1/2" = 1'-0"

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GPD PROJECT NO: 2020261.36

MARK S. SALOPEK REGISTERED ARCHITECT 10433 NORTH CAROLINA
GPD ENGINEERING & ARCHITECTURE PROFESSIONAL CORPORATION REGISTERED ARCHITECTURAL CORPORATION No. 52715 NORTH CAROLINA AKRON, OH
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
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ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
DESIGN DETAILS

SCALE: AS SHOWN

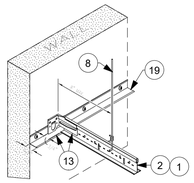
SHEET NUMBER:
I503

SEISMIC POST SCHEDULE

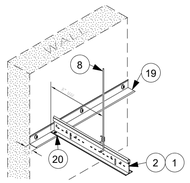
NOMINAL SIZE	POST TYPE	ALLOWABLE LENGTH
(3/4" x 1/2" x 0.059"	MTL. CHANNEL	26"
(2) 3/4" x 1/2" x 0.059"	MTL. CHANNEL (BACK-TO-BACK)	39"
1 1/2" x 9/16" x 0.059"	MTL. CHANNEL	33"
(2) 1 1/2" x 9/16" x 0.059"	MTL. CHANNEL (BACK-TO-BACK)	44"
1 5/8" x 1 1/4" x 0.0197"	MTL. CHANNEL	106"
(2) 1 5/8" x 1 1/4" x 0.0197"	MTL. CHANNEL (BACK-TO-BACK)	141"
1/2" Ø x 0.042" WALL THICKNESS	EMT. CONDUIT	47"
3/4" Ø x 0.049" WALL THICKNESS	EMT. CONDUIT	61"
1" Ø x 0.057" WALL THICKNESS	EMT. CONDUIT	78"
1 1/4" Ø x 0.065" WALL THICKNESS	EMT. CONDUIT	102"
1 1/2" Ø x 0.065" WALL THICKNESS	EMT. CONDUIT	118"
2" Ø x 0.065" WALL THICKNESS	EMT. CONDUIT	150"
2 1/2" x 20 GAUGE	MTL. C-STUD (SINGLE)	138"
2 1/2" x 20 GAUGE	MTL. C-STUD (BACK-TO-BACK)	180"
3 5/8" x 20 GAUGE	MTL. C-STUD (SINGLE)	144"
3 5/8" x 20 GAUGE	MTL. C-STUD (SINGLE)	168"

SCHEDULE NOTES:

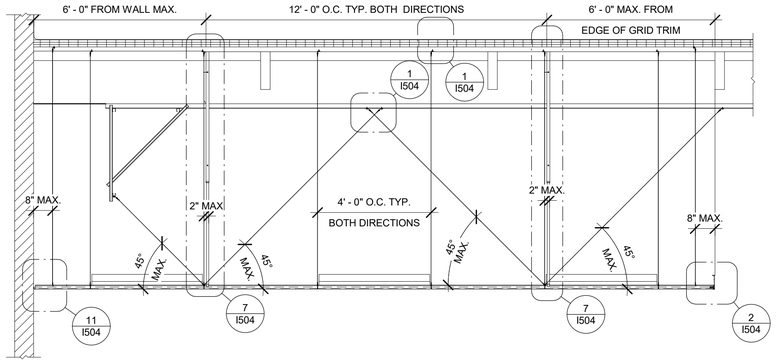
1. THE INFORMATION PROVIDED IS FOR QUICK REFERENCE ONLY. OTHER RESTRICTIONS AND EXEMPTIONS MAY APPLY.
2. ALL STRUTS AND ALLOWABLE LENGTHS SHOULD BE VERIFIED BY APPROPRIATE AUTHORITIES.
3. WALL MOLDINGS SHOULD NOT BE USED AS STRUTS.
4. A STRUCTURAL ENGINEER SHOULD BE CONSULTED FOR LENGTHS GREATER THAN 15'-0"



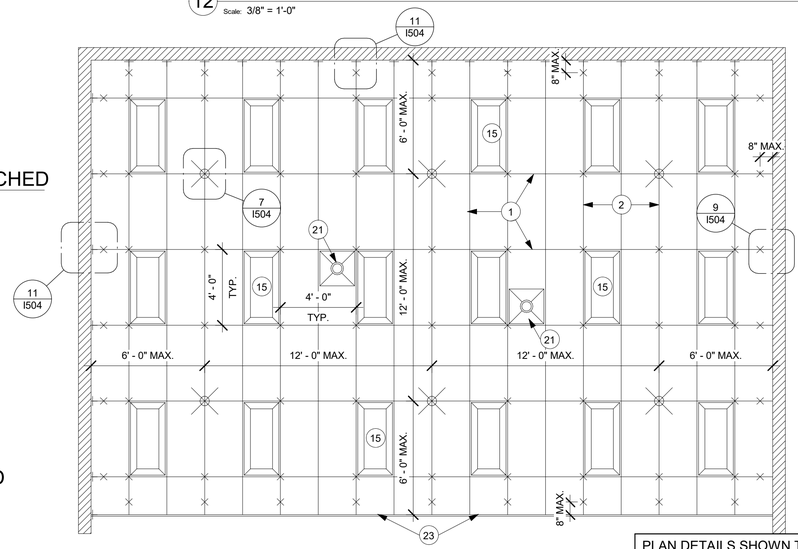
11 SEISMIC GRID AT WALL - UNATTACHED
Scale: 1 1/2" = 1'-0"



9 SEISMIC GRID AT WALL - ATTACHED
Scale: 1 1/2" = 1'-0"



12 SECTION AT SEISMIC 2x4 CEILING GRID - CBC
Scale: 3/8" = 1'-0"

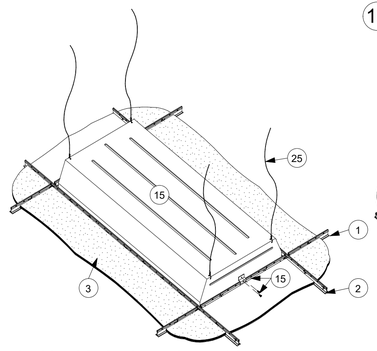


10 TYPICAL CEILING GRID LAYOUT
Scale: 1/4" = 1'-0"

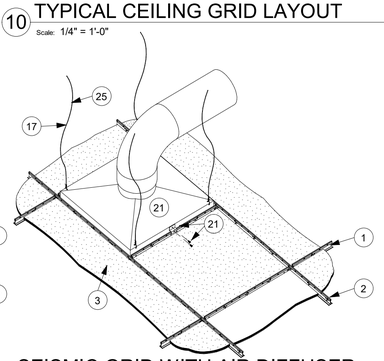
PLAN DETAILS SHOWN TO INDICATE SEISMIC REQUIREMENT COMPLIANCE METHODS ONLY. IT REMAINS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO INSTALL THE COMPLETE SYSTEM IN ACCORDANCE WITH THE SPECIFICATIONS.

LEGEND:

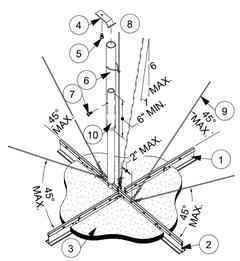
- COMPRESSION STRUT AN SPLAY WIRES
- HANGER AND PERIMETER WIRES
- 2" BEAM END RETAINING CLIP (BERC-2)
- SUSPENSION GRID EDGING AND TRIM
- SEISMIC SLIP JOINT
- HVAC- 24" x 24" AIR DIFFUSER
- 24" x 48" RECESSED FLUORESCENT LIGHT FIXTURE
- DASHED LINE - FLOOR LINE OF RACEWAY BELOW
- FINISHED INTERIOR WALL



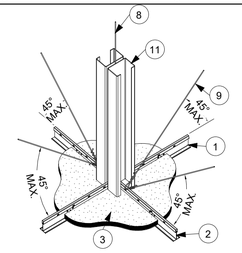
5 SEISMIC GRID WITH LIGHT FIXTURE DETAIL
Scale: 3/4" = 1'-0"



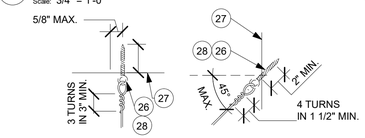
6 SEISMIC GRID WITH AIR DIFFUSER DETAIL
Scale: 3/4" = 1'-0"



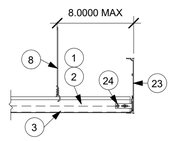
7 EMT COMMPRESSION STRUT DETAIL
Scale: 1 1/2" = 1'-0"



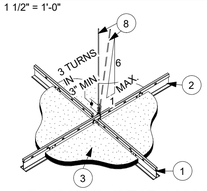
8 MTL.STUD COMPRESSION STRUT DETAIL
Scale: 1 1/2" = 1'-0"



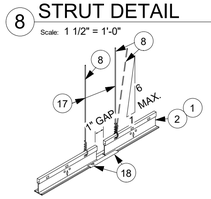
1 HANGER WIRE ATTACHMENT
Scale: 3" = 1'-0"



2 SECTION AT CEILING GRID END TRIM
Scale: 1 1/2" = 1'-0"



3 CEILING GRID HANGER WIRE CONNECTION
Scale: 1 1/2" = 1'-0"



4 CEILING GRID EXPANSION JOINT DETAIL
Scale: 1 1/2" = 1'-0"

SEISMIC CEILING GENERAL NOTES: ICC ESR - 1308

1. REFERENCED SOURCES ARE: INTERNATIONAL BUILDING CODE, AMERICAN SOCIETY OF TESTING MATERIALS (ASTM C 635, ASTM C 636), AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE 7-08), & CEILING AND INTERIOR SYSTEMS CONSTRUCTION ASSOCIATION (CISCA).

2. PROVIDE SUSPENDED CEILING GRID SYSTEMS FROM A SINGLE SOURCE (MANUFACTURER), DO NOT MIX GRID SYSTEMS.

3. PARTITIONS THAT ARE TIED TO THE CEILING AND ALL PARTITIONS GREATER THAT 6'-0" IN HEIGHT SHALL BE LATERALLY BRACED TO THE STRUCTURE. WALL BRACING SHALL BE INDEPENDENT OF THE CEILING SPLAY BRACING SYSTEM.

4. GENERALLY, SUSPENDED CEILING AREAS UNDER 1,000 SQUARE FOOT DO NOT REQUIRE HORIZONTAL RESTRAINT WIRE AND/OR RIGID BRACING. CONSULT RULING AUTHORITIES AND LOCAL CODES FOR MINIMUM CEILING AREA REQUIREMENTS.

5. PROVIDE SUSPENDED CEILINGS EXCEEDING 2,500 SQUARE FEET IN AREA WITH "SEISMIC SEPARATION JOINTS" TO BREAK THE CEILING INTO INDEPENDENT UNITS LESS THAN 2,500 SQUARE FEET IN AREA THAT WILL ACT FAVORABLY IN A SEISMIC EVENT, RE: 1/I504.

6. ALL MAIN BEAMS (MAIN TEE RUNNERS) SHALL BE HEAVY-DUTY OR APPROVED EQUAL. INSTALL AT MAXIMUM OF 4'-0" APART, RE: PROJECT MANUAL "SECTION 095113 - ACOUSTICAL PANEL CEILINGS" FOR SPECIFICATIONS.

7. ALL CROSS BEAMS (CROSS TEES) SHALL BE HEAVY-DUTY OR APPROVED EQUAL AND SHALL BE CAPABLE OF CARRYING THE DESIGN LOAD WITHOUT EXCEEDING DEFLECTION EQUAL TO 1/360 OF ITS SPAN, RE: PROJECT MANUAL "SECTION 095113 - ACOUSTICAL PANEL CEILINGS" FOR SPECIFICATIONS.

8. CHANGES IN CEILING PLANES REQUIRE POSITIVE BRACING AT TRANSITION.

9. ALL SEISMIC HANGER AND SPLAY WIRE SHALL BE 10 GAUGE GALVANIZED SOFT ANNEALED MILD STEEL OR CODE APPROVED EQUAL. ALL VERTICAL PERIMETER AND INTERMEDIATE HANGER WIRE SHALL BE 12 GAUGE GALVANIZED SOFT ANNEALED MILD STEEL OR CODE APPROVED EQUAL. HANGER AND PERIMETER WIRE SHALL BE INSTALLED VERTICALLY AT NO MORE THAN 10" FROM PLUMB (1 IN 6). ALL VERTICAL HANGER WIRE TIES SHALL BE "TWIST-TIE" IN NATURE WITH (3) TIGHT TURNS AROUND ITSELF IN 3" OF LENGTH. ALL SPLAY WIRE TIES SHALL BE "TWIST-TIE" IN NATURE WITH (4) TIGHT TURNS AROUND ITSELF IN 1-1/2" OF LENGTH, RE: 1/I504.

10. ALL HANGERS AND RUNNERS SHALL BE ACCURATELY LEVELED AND SPACED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

11. PROVIDE LATERAL FORCE BRACING (VERTICAL COMPRESSION STRUTS AND SPLAY WIRES) AT 12'-0" MAXIMUM ON CENTER IN ALL DIRECTIONS AND 6'-0" MAXIMUM FROM FINISHED GRID EDGES AND WALLS, RE: 7& 8/I504. SEE ADJACENT "SEISMIC POST SCHEDULE" FOR COMPRESSION STRUT SIZES.

12. SEISMIC SPLAY WIRES SHALL BE (4) WIRES ATTACHED TO THE MAIN BEAM (RUNNER). WIRES SHALL BE ARRAYED 90° FROM EACH OTHER AND AT AN ANGLE NOT EXCEEDING 45° FROM THE PLANE OF THE CEILING. SPLAY WIRES SHALL BE INSTALLED WITHIN 2" OF THE CONNECTION OF THE VERTICAL STRUT TO SUSPENDED CEILING. SPLAY WIRES SHALL BE ATTACHED TO THE CEILING GRID AND STRUCTURE ABOVE IN SUCH A MANNER AS TO SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WITH A SAFETY FACTOR OF 2, WHICHEVER IS GREATER, RE: 7/I504 AND 8/I504.

13. ATTACH HANGER WIRES ALONG MAIN RUNNERS AT 48" O.C. WITH MAIN RUNNERS PARALLEL TO EACH OTHER AT NO MORE THAN 48" APART, CREATING 48" HANGER WIRE ARRAY IN TWO DIRECTIONS.

14. TERMINAL ENDS OF EACH MAIN RUNNER AND CROSS TEE SHALL BE SUPPORTED WITHIN 8" OF EACH WALL OR FINISHED GRID EDGE WITH A PERIMETER WIRE.

15. PROVIDE ARMSTRONG 7/8" X 7/8" WALL ANGLE MOLDING IN CONJUNCTION WITH ARMSTRONG BERC-2 SEISMIC WALL CLIPS TO SUPPORT TERMINAL ENDS OF MAIN TEES AND CROSS TEES AT WALLS. CEILING GRIDS SHALL BE POSITIVELY ATTACHED TO WALL MOLDING WITH COLOR MATCHING POP RIVETS ON ADJACENT WALLS AND FREE TO SLIDE WITH A 3/4" GAP ON THE OPPOSING WALLS. USE "BERC-2 SEISMIC CLIPS BY ARMSTRONG" TO PROVIDE APPROVED SLIP-JOINT. REFER TO ICC EVALUATION SERVICE REPORT: ERS-1308*, SECTION 4.4.3.

16. LIGHT FIXTURES AND MECHANICAL DEVICES SHALL BE POSITIVELY ATTACHED TO THE SUSPENDED CEILING SYSTEM AND CAPABLE OF RESISTING 100% OF THE FIXTURE WEIGHT IN ANY DIRECTION, RE: 5 & 6/I504

17. FOR CEILINGS WITHOUT RIGID BRACING, SPRINKLER HEAD PENETRATIONS SHALL HAVE A (2) INCH OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF AT LEAST (1) INCH IN ALL HORIZONTAL DIRECTIONS.

18. NO SUSPENDED CEILING ASSEMBLY WITHIN THE PROPOSED RENOVATION SPACE SHALL INVOLVE A SUSPENSION LENGTH GREATER THAN 66".

SEISMIC CEILING KEY NOTES

1. HEAVY-DUTY T-BAR GRID CROSS TEE. PROVIDE CROSS TEES AND MAIN TEES WITH THE SAME PROFILES WHERE "OPEN" GRID IS INSTALLED. SEE SPECS.
2. HEAVY-DUTY T-BAR GRID MAIN RUNNER, SEE SPECS.
3. GYPSUM BOARD CEILING.
4. PROVIDE MTL. TOP CLIP TO FASTEN COMPRESSION STRUT POST TO ROOF STRUCTURE PER ICC REPORT 1308.
5. PROVIDE FASTENERS AS APPROVED BY ICC REPORT 1308.
6. PROVIDE SPRING CLIP AROUND VERTICAL HANGER WIRE AS SHOWN.
7. APPLY TENSION TO COMPRESSION STRUT AND SECURE WITH # 10 X 1" SELF-TAPPING STL. SCREW OR CODE-APPROVED EQUAL.
8. INSTALL VERTICAL HANGER WIRE AT INTERSECTION OF MAIN AND CROSS TEE. VERTICAL SHALL BE DEFINED AS ± 10° (1 IN 6) FROM PLUMB, RE: 3/I504.
9. PROVIDE (4) SPLAY WIRES ATTACHED TO MAIN RUNNER NOT MORE THAN 2" FROM THE INTERSECTION OF MAIN RUNNER AND CROSS TEE.
10. TELESCOPING ELECTRICAL METALLIC TUBING (EMT) AS COMPRESSION STRUT, RE: "SEISMIC POST SCHEDULE" BELOW.
11. BACK-TO-BACK C-STUD AS ALTERNATIVE METHOD FOR COMPRESSION STRUT SYSTEM, RE: "SEISMIC POST SCHEDULE" BELOW. POSITIVELY ATTACH POSTS TO GRID AND STRUCTURE ABOVE WITH APPROVED FASTENERS.
12. PROVIDE VERTICAL "PERIMETER" SUSPENSION WIRE WITHIN 8" OF THE ENDS OF MAIN RUNNERS AND CROSS TEES ALIKE TERMINATE AT WALLS AND FINISH WITH EDGE TRIM.
13. PROVIDE 3/4" GAP BETWEEN WALL ANGLE AND GRID T-BAR END AT WALLS THAT REQUIRE SLIP-JOINT (UNATTACHED) CONDITION. INSTALL 2" BEAM END RETAINING CLIP (BERC-2) TO PROVIDE SLIP CONDITION.
14. ROOF STRUCTURE AND JOISTS FOR REFERENCE ONLY AS TYPE OF CONSTRUCTION MAY VARY. CONNECT TO STRUCTURE ABOVE USING METHODS AS APPROVED BY LOCAL CODES AND AUTHORITIES.
15. ATTACH LIGHT FIXTURES TO SUSPENSION GRID WITH CODE-APPROVED CLIPS AND FASTENERS ON TWO OPPOSITE SIDES OF THE FIXTURE TO THE GRID MAIN RUNNERS. PROVIDE TWO DIAGONALLY OPPOSED HANGER WIRES AT CORNERS OF LIGHT FIXTURE TO THE STRUCTURE ABOVE. WIRES MAY BE SLACK, RE: 5/I504.
16. PROVIDE BRACING AS NECESSARY TO MAINTAIN HANGER AND SPLAY WIRE ALIGNMENT, RE: 12/I504.
17. CONNECT HANGER WIRES AT NOT MORE THE 3" FROM OPEN ENDS OF T-BAR GRID.
18. PROVIDE 4" T-BAR CAP SLEEVE AS SLIP-JOINT. CRIMP ONE SIDE OF SPLICE CAP TO ALLOW MOVEMENT ON OPPOSITE END ONLY.
19. 7/8" X 7/8" MTL. WALL ANGLE SCREWED TO WALL WITH APPROVED FASTENERS, SEE SPECS.
20. PROVIDE COLOR MATCHING POP RIVETS TO FASTEN TERMINAL ENDS OF MAIN RUNNER AND CROSS TEES TO WALL ANGLES REQUIRING ATTACHMENT AND GRID ENDS TERMINATING IN TRIM.
21. ATTACH HVAC - DIFFUSERS TO SUSPENSION GRID WITH CODE-APPROVED CLIPS AND FASTENERS ON TWO OPPOSITE SIDES OF THE FIXTURE TO THE GRID MAIN RUNNERS. PROVIDE TWO DIAGONALLY OPPOSED HANGER WIRES AT CORNERS OF DIFFUSER TO THE STRUCTURE ABOVE. WIRES MAY BE SLACK.
22. PROVIDE SEISMIC SEPARATION JOINTS AS REQUIRED FOR CEILING AREAS IN EXCESS OF 2,500 SQUARE FEET. "REFLECTED CEILING PLAN" FOR SEPARATION LAYOUTS AND 4/I504.
23. PROVIDE 6" EDGE TRIM AT OUTSIDE EDGE OF CEILING GRID IN GOLF, RE: 2/I504 AND SEE SPECS.
24. INSTALL ARMSTRONG AXIOM T-BAR CONNECTION CLIP AT EACH GRID END. FASTEN CLIP TO GRID ENDS WITH #6 X 7/16" FRAMING SCREWS, RE: 2/I504.
25. SLACK WIRE AT DIAGONALLY OPPOSING CORNERS OF FIXTURES
26. (1)-1/4" DIAMETER CLOSED EYE SCREW WITH 2" MIN. EMBEDMENT.
27. EXISTING ROOF WOOD BEAMS. CONTRACTOR TO VERIFY LOCATION.
28. HANGER AND OR BRACING WIRE ANCHORS TO TEH STRUCTURE SHALL BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHOR ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE WIRE.
29. PROVIDE COLOR MATCHING 7/8" FLANGE X 1 3/4" HIGH X 9/16" FLANGE "C" CHANNEL TO TRIM OUTSIDE EDGE OF GRID, SEE SPECS PROVIDE COLOR MATCHING POP RIVETS TO FASTEN MAIN RUNNER AND CROSS TEES TO CHANNEL.

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STARBUCKS TEMPLATE VERSION: i2021-01-22

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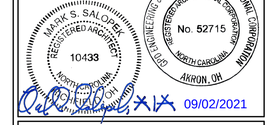
GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
DESIGN DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
I504

SPECIALTY EQUIPMENT SCHEDULE - "E"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	6	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	SB	GC	
10970	1	FRIDGE REACH IN 1 DOOR LH - 29IN 735MM	SB	GC	
11083	2	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	SB	GC	
12618	2	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB	GC	
13682	2	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB	GC	
20010	1	FRIDGE NITRO 2 TAP JT NITCOM LH	SB	GC	KIT INCLUDES UNDERCOUNTER FRIDGE, FONT, TRAY, AND TUBING
EQUIPMENT					
10312	4	BREWER SOFT HEAT WARMING STAND SINGLE	SB	GC	
10746	1	BREWER DUAL SOFT HEAT	SB	GC	
10808	1	GRINDER DITTING KR1203	SB	GC	
10856	6	BREWER SERVER SOFT HEAT	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	
15186	1	DISHWASHER HOT LOW STEAM	SB	GC	
17564	1	BLENDER PITCHER RINSER WITH SENSOR	SB	GC	
19559	1	NITROGEN GENERATOR ELEMENT	SB	GC	
19742	2	ESPRESSO MACHINE MASTRENA II	SB	GC	
20032	2	OVEN EIKON E2S - BLACK	SB	GC	
FOOD CASE					
16238	1	FOOD CASE - ZEPHYR - 66IN 1675MM	SB	GC	
ICE					
10344	1	ICE - BIN DROP IN 90LB 40KG	SB	GC	
18029	1	ICE - BIN B110	SB	GC	
18846	1	ICE - MACHINE CIM1446HR SERIES REMOTE COOLED	SB	GC	
19278	2	ICE - BIN DROP IN 45LB 20KG HORIZONTAL	SB	GC	
OTHER					
10091	1	CUP DISPENSER TALL HOT VERTICAL	SB	GC	
10099	2	RESTROOM TOILET PAPER HOLDER	SB	GC	
10172	2	RESTROOM SEAT COVER DISPENSER	SB	GC	
10179	2	HAND DRYER SURFACE MOUNTED	SB	GC	
10384	2	DIAPER CHANGING STATION HORIZONTAL	SB	GC	
10396	1	CUP DISPENSER SHORT HOT VERTICAL	SB	GC	
10467	1	FILE CABINET 2 DRAWER	SB	GC	
10501	1	FIRE EXTINGUISHER	GC	GC	
10641	2	RESTROOM TRASH SANITARY NAPKIN WALL MOUNTED	GC	GC	
10769	2	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC	
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	SB	GC	
10829	3	CORNER GUARD - 1.25IN 30MM - PEWTER	SB	GC	
10855	2	CUP DISPENSER GRANDE VENTI HOT VERTICAL	SB	GC	
10858	1	CUP DISPENSER TALL COLD VERTICAL	SB	GC	
10859	2	RESTROOM GRAB BAR - 48IN 1220MM	SB	GC	
10862	2	RESTROOM GRAB BAR - 36IN 915MM	SB	GC	
10947	1	SOAP DISPENSER WALL MOUNTED	SB	GC	
10977	1	PAPER TOWEL DISPENSER FULL SIZE - TRANSLUCENT GRAY	SB	GC	
10992	1	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	SB	GC	
11115	3	SOAP DISPENSER SINK MOUNTED	SB	GC	
13330	1	MOBILE CUP DISPENSER CADDY	SB	GC	
13584	1	CUP DISPENSER TRENTA COLD VERTICAL	SB	GC	
19495	1	NITRO 2 TAP HANDLE AND BADGE KIT	SB	GC	
20079	1	NITRO 2 TAP BADGE MOUNT BACKBAR LH	SB	GC	
20080	1	NITRO 2 TAP BADGE MOUNT BACKBAR RH	SB	GC	
21988	2	HAND DRYER BACK PANEL	SB	GC	
STORAGE					
10222	2	WIRE SHELF GRID AT SINK	SB	GC	
10416	9	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	9	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
15699	1	PARTNER WORK CENTER	SB	GC	
17255	1	PASTRY TRAY CART - 60IN 1525MM PASTRY TRAY CART - 60IN 1525MM	SB	GC	
17264	1	ROLLING PASTRY TRAY THAW RACK - 20X26IN 510X660MM	SB	GC	
17639	1	WORKROOM CART - 24IN 610MM	SB	GC	
19476	2	5 COMP LOCKER - 12IN 305MM	SB	GC	

DATA DEVICE SCHEDULE - "A"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	GC	
10010	1	DT ORDER MONITOR	SB	SB	
10012	1	DT COMMUNICATION SYSTEM	SB	SB	
10013	5	DT QUEUE CAMERA	SB	SB	
10015	3	SPEAKER RECESSED - WHITE	SB	GC	
10017	2	SPEAKER SURFACE MOUNTED	SB	GC	
12336	1	DT TIMER SYSTEM	SB	SB	
14676	1	DT POS MONITOR ARM DOUBLE SURFACE MOUNTED	SB	SB	
19339	1	AMPLIFIER - 40W	SB	GC	
DATA					
10002	1	COMPUTER MANAGER WORKSTATION	SB	SB	
10007	1	PRINTER MANAGER WORKSTATION	SB	SB	
20294	4	IOT MODULE	SB	SB	
POINT OF SALE					
10008	2	POS - REGISTER WITH COMPACT CASH DRAWER	SB	SB	
10014	4	POS PRINTER	SB	SB	
10022	1	MONEY COUNTER	SB	SB	
10029	6	POS BANK	SB	GC	
10075	4	CUP LABELER	SB	SB	
14677	1	POS - DT TENDERING REGISTER	SB	SB	PART OF RETAIL IT EQUIPMENT PACKAGE
14678	1	POS - DT EXPEDITOR	SB	SB	PART OF RETAIL IT EQUIPMENT PACKAGE
SECURITY					
10024	1	SAFE LH - 20X18X26IN 510X455X660MM	SB	SB	
10028	1	SAFE BASE	SB	SB	

CASEWORK FINISH SCHEDULE

ENGINE ZONE	MATERIAL DESCRIPTION	FINISH CODE	COMMENTS
COMPOSITE - BRUSHED DARK GREY			
COUNTERTOPS - BACKBAR	COMPOSITE - BRUSHED DARK GREY	CP0057	
COMPOSITE - WHITE WITH VEINING			
	COMPOSITE - WHITE WITH VEINING	CP0002	
COUNTERTOPS - ESPRESSO	COMPOSITE - WHITE WITH VEINING	CP0002	
COUNTERTOPS - FRONTBAR	COMPOSITE - WHITE WITH VEINING	CP0002	
COUNTERTOPS - SHROUD	COMPOSITE - WHITE WITH VEINING	CP0002	
GLASS - CLEAR			
	GLASS - CLEAR		
METAL - ALUMINUM - BRUSHED			
	METAL - ALUMINUM - BRUSHED	SF-1	
METAL - FLAT BLACK POWDERCOAT			
	METAL - FLAT BLACK POWDERCOAT	MTL-6	
CABINETS - DOOR PULL	METAL - FLAT BLACK POWDERCOAT	MTL-6	
CABINETS - UNDERCOUNTER ICE BIN	METAL - FLAT BLACK POWDERCOAT	MTL-6	
COUNTERTOPS - SHROUD (POS)	METAL - FLAT BLACK POWDERCOAT	MTL-6	
METAL - HOT ROLLED STEEL			
	METAL - HOT ROLLED STEEL	MT0011	
METAL - STAINLESS STEEL - BRUSHED			
	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA	
CABINETS - CABINET LEG	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA	
CABINETS - UNDERCOUNTER ICE BIN	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA	
COUNTERTOPS - HAND SINK	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA	
PLAM - MOTTLED BLACK			
	PLAM - MOTTLED BLACK	PL0019	
CABINETS - DT POS CUBBY	PLAM - MOTTLED BLACK	PL0019	
CABINETS - UNDERCOUNTER	PLAM - MOTTLED BLACK	PL0019	
PLASTIC - BLUE			
	PLASTIC - BLUE		
PLASTIC - BRIGHT GREEN			
	PLASTIC - BRIGHT GREEN		
PLASTIC - GREY			
	PLASTIC - GREY		
PLASTIC - WHITE - TRANSPARENT			
	PLASTIC - WHITE - TRANSPARENT		
WOOD - BLACK			
	WOOD - BLACK	WD0035	
WOOD - BLACK - ROUNDED SLAT - VERTICAL			
FINISH PANELS - FRONTBAR	WOOD - BLACK - ROUNDED SLAT - VERTICAL	WD0035 MAD200-V	
WOOD - WHITE OAK			
	WOOD - WHITE OAK	WD0073	
WALL CLADDING	WOOD - WHITE OAK	WD0073	
WOOD - WHITE OAK - PLANK - HORIZONTAL			
	WOOD - WHITE OAK - PLANK - HORIZONTAL	WD0073 MAD100-H	
WOOD - WHITE OAK - PLANK - VERTICAL			
	WOOD - WHITE OAK - PLANK - VERTICAL	MAD100-V WD0073	

FURNITURE SCHEDULE - "F"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
BANQUETTE					
X0001	6	BANQUETTE - ORION - WHITE OAK AND DEEP GREEN NATURAL WD0073 F0230	SB	GC	
CHAIR					
17417	1	CHAIR - CAFE BENT PLY PADDLE BACK - DARK WARM BROWN WD0001	SB	GC	
17852	16	CHAIR - CAFE ANGLED BACK WITH WOVEN SEAT - BLACK AND BROWN ROPE MT0028 F0194	SB	GC	
20087	6	CHAIR - LOUNGE PYRAMID - BLACK AND BROWN ROPE MT0028 F0194	SB	GC	
20282	8	CHAIR - LOUNGE HENRY - CARAMEL BROWN NATURAL F0008	SB	GC	
21358	8	CHAIR - CAFE PEGGY - BLACK WD0035	SB	GC	
21461	4	CHAIR - CAFE ASHER UPHOLSTERED - WHITE OAK AND CHARCOAL GREY NATURAL WD0073 F0188	SB	GC	
DESK					
10123	1	DESK - MANAGERS WORKSTATION - 60X30X30IN 1525X760X760MM	SB	GC	
10605	1	DESK - MANAGERS WORKSTATION KEYBOARD TRAY	SB	GC	
16505	1	DESK - MANAGERS WORKSTATION SHELVES - 36IN 915MM	SB	GC	
MIRROR					
14350	2	MIRROR - RESTROOM ANGLED- 18X36IN 455X915MM	SB	GC	
OTHER					
10756	2	COAT HOOK 1 PRONG SQUARE - 2IN 50MM - SST	SB	GC	
10820	1	COAT HOOK STRIP - 46IN 1170MM	SB	GC	
TABLE					
17340	6	TABLE - CAFE METAL PEDESTAL BASE SQUARE - 24IN 610MM - BLACK MT0028	SB	GC	
17341	2	TABLE - ACCESSIBLE METAL WITH TAPERED LEGS - 36X24IN 915X610MM - BLACK MT0028	SB	GC	
17644	10	TABLE - TOP ROUND - 24IN 610MM - WHITE OAK WD0073	SB	GC	
18468	4	TABLE - BASE CAFE T LEG - HOT ROLLED STEEL MT0011	SB	GC	
18696	3	TABLE - OCCASIONAL COCKTAIL CAMERON - GREEN GREY MT0041			
19719	4	TABLE - BASE OCCASIONAL COCKTAIL ESSENTIAL - FLAT BLACK MT0028	SB	GC	
21477	1	TABLE - BASE COMMUNITY CAFE HEIGHT POST LEG 102IN 2590MM - FLAT BLACK MT0028	SB	GC	
21800	2	TABLE - TOP ACCESSIBLE ROUND EDGE OBLONG - 48X24IN 1220X610MM - WHITE OAK WD0073	SB	GC	
21809	1	TABLE - TOP COMMUNITY ACCESSIBLE ROUND EDGE OBLONG - 138IN 3505MM - WHITE OAK WD0073	SB	GC	
WINDOW TREATMENT					
10620	14	ROLLER SHADE - CHOCOLATE TRANSLUCENT F0048 - 14PC OPEN	SB	GC	

CASEWORK SCHEDULE - "C"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X8001	2	CUSTOM SCREEN	SB	GC	FINISHES : MT0028 - FRAME. WD0073 - 1X4 SLATS
X8002	1	WOOD CLADDING AT CAFE	SB	GC	MAD100 WD0073 (FULL HEIGHT PLANKS)
X8003	1	WOOD CLADDING AT MERCH WALL	SB	GC	MAD100 WD0073 (FULL HEIGHT PLANKS)
X8004	1	WOOD CLADDING AT RR VESTIBULE	SB	GC	MAD100 WD0073 (FULL HEIGHT PLANKS)
X8005	2	FULL HEIGHT L-BRACKET TRIM TO TERMINATE WOOD	SB	GC	MT0028
X8006	1	WOOD SLATS SYSTEM AROUND THE MERCH WALL	SB	GC	WOOD SLATS FINISH: WD0073. BACK PANEL FINISH: WD035 VENEER
X8007	1	WOOD SLATS SYSTEM AROUND BACKBAR WALL	SB	GC	WOOD SLATS FINISH: WD0073.
X8008	1	CUSTOM COUNTERTOP	SB	GC	CP0002
CABINET					
17573	1	CABINET - BACKBAR COUNTER SUPPORT PANEL - 3IN 75MM	SB	GC	
17574	2	CABINET - BACKBAR SINK OR ICE - 15IN 380MM	SB	GC	
17575	1	CABINET - BACKBAR SINK OR ICE - 20IN 510MM	SB	GC	
17580	2	CABINET - CBE TEA SHELF - 29IN 735MM - FLAT BLACK MT0028	SB	GC	
17581	1	CABINET - CBE DRY INCLUSION SHELF - 23IN 585MM - FLAT BLACK MT0028	SB	GC	
17740	5	CABINET - BACKBAR - 30IN 760MM	SB	GC	
17741	8	CABINET - BACKBAR 15IN 380MM	SB	GC	
17743	1	CABINET - DT POS - 30IN 760MM	SB	GC	
17744	1	CABINET - FRONTBAR POS BRIDGE - 22IN 560MM	SB	GC	
17745	2	CABINET - BACKBAR DRAWER - 15IN 380MM	SB	GC	
17747	5	CABINET - BACKBAR TRASH - 15IN 380MM	SB	GC	
17896	1	CABINET - BACKBAR CUBBY - 15IN 380MM	SB	GC	
18122	2	CABINET - BACKBAR SINK OR ICE - 16IN 405MM	SB	GC	
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21190	1	CABINET - FRONTBAR TRASH - 15IN 380MM	SB	GC	
21191	1	CABINET - FRONTBAR DRAWER - 15IN 380MM	SB	GC	
21192	2	CABINET - FRONTBAR POS - 30IN 760MM	SB	GC	
21193	1	CABINET - ESPRESSO CUBBY WITH OPEN BACK - 18IN 455MM	SB	GC	
X17742	1	CABINET - DT POS UPPER CUBBY - 32IN 815MM	SB	GC	
CAFE					
20131	1	CONDIMENT CART THREE DROP - WHITE OAK AND WHITE WD0073 CP0002	SB	GC	
20372	1	WALL BAY ON STANDARD 1 UNIT - 36IN 915MM - WHITE OAK WD0073	SB	GC	
20373	1	WALL BAY ON STANDARD 2 UNIT - LH - 54IN 1370MM - WHITE OAK WD0073	SB	GC	
COUNTERTOP					
17807	1	COUNTERTOP - BACKBAR - 15IN 380MM	SB	GC	
17809	1	COUNTERTOP - HAND SINK WITH LOW SPLASH STAINLESS - 15IN 380MM	SB	GC	
17824	1	COUNTERTOP - DT POS - LF - VARIABLE LENGTH	SB	GC	
19712	1	COUNTERTOP - WARMING - LF - 90IN 2285MM	SB	GC	
20061	1	COUNTERTOP - ESPRESSO METRO - RF - 139IN 3530MM	SB	GC	
20063	1	COUNTERTOP - FRONTBAR CAP - 139IN 3530MM	SB	GC	
21762	1	COUNTERTOP - CBE WITH RINSE SINK - RF - 127IN 3225MM	SB	GC	W/ 10" BACKSPLASH
X17821	2	CUSTOM COUNTERTOP - FRONTBAR - 15IN 380MM	SB	GC	W/ FRONT TRAY
X17821	1	CUSTOM COUNTERTOP - FRONTBAR - 36IN	SB	GC	W/ 6" FRONT NOSING
X17828	1	COUNTERTOP - BACKSPLASH - VARIABLE LENGTH	SB	GC	W/ 10" BACKSPLASH
X17830	1	CUSTOM COUNTERTOP - POS - 82IN 2085MM	SB	GC	W/ FRONT TRAY
X18722	1	CUSTOM COUNTERTOP - BREW WITH TRASH DROP - LF - 105IN 2665MM	SB	GC	W/ 10" BACKSPLASH
X18877	1	CUSTOM COUNTERTOP - HANDOFF CORNER ROUNDED	SB	GC	W/ 6" FRONT NOSING
X19565	1	CUSTOM COUNTERTOP - FRONTBAR - 45IN 1145MM	SB	GC	W/ 6" FRONT NOSING
X20050	1	CUSTOM COUNTERTOP - BACKBAR NITRO - LH - 30IN 760MM	SB	GC	W/ NO BACKSPLASH
X20271	1	CUSTOM COUNTERTOP - FRONTBAR MOP PLANAR - 60IN 1525MM	SB	GC	W/ 6" FRONT NOSING
DIEWALL					
17831	1	DIEWALL - POS - 82IN 2085MM	SB	GC	
18859	1	DIEWALL - 45IN 1145MM	SB	GC	
18865	1	DIEWALL - 60IN 1525MM	SB	GC	
X17822	2	CUSTOM DIEWALL - 18IN	SB	GC	
X17822	1	CUSTOM DIEWALL - 36IN	SB	GC	
X18878	1	CUSTOM DIEWALL - CORNER ROUNDED	SB	GC	W/ 6" FRONT NOSING
X20064	1	CUSTOM DIEWALL - ESPRESSO - 139IN 3530MM	SB	GC	W/ EXTENDED DEPTH 8"
FIT KIT					
17894	3	FIT KIT - CABINET FILLER PANEL	SB	GC	
X17895	3	CUSTOM FIT KIT - BACKBAR COUNTERTOP	SB	GC	W/ 10" BACKSPLASH
OTHER					
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
17829	1	FRENCH CLEAT - VARIABLE LENGTH	SB	GC	LENGTH: 2'-8"
18145	4	COUNTERTOP SUPPORT LEG	SB	GC	
20067	1	SNEEZE GUARD - 139IN 3530MM	SB	GC	
20633	2	COUNTERTOP SUPPORT LEG SLIM	SB	GC	
X20066	1	SHROUD - 139IN 3530MM	SB	GC	4IN SHROUD
X20067	1	POS SHROUD - METAL	SB	GC	
X90002	1	POS LONG IMPULSE TRAY	SB	GC	CUSTOM WD0073 LONG TRAY FOR SMALLER BOXES ONLY
X90003	6	POS IMPULSE TRAY	SB	GC	CUSTOM WD0073 TRAY W/ METAL MT0028 BOTTOM PANEL AND METAL MT0028 MAGNETIC DIVIDERS.
X94002	1	2" SQUARE MENU BOARD FRAME.	SB	GC	FINISH: WD0073 WITH MITERED CORNERS.
PANEL					
17832	1	PANEL - 82IN 2085MM	SB	GC	
18717	1	PANEL - 60IN 1525MM	SB	GC	
18885	1	PANEL - END CAP - RF	SB	GC	
20065	1	PANEL - 139IN 3530MM	SB	GC	
X17823	2	CUSTOM PANEL - 18IN	SB	GC	
X17823	1	CUSTOM PANEL - 36IN	SB	GC	
X18879	1	CUSTOM PANEL - CORNER ROUNDED	SB	GC	W/ 6" FRONT NOSING
X19566	1	CUSTOM PANEL - CUSTOMER BAR - LF - 45IN 1145MM	SB	GC	
SLATS					
X93466	365	1"X 1" SLATS	SB	GC	6'-6" SLATS, REFER TO INTERIOR ELEVATIONS AND DETAILS, GC TO VERIFY PRIOR TO PROCUREMENT AND INSTALLATION, GC TO PROVIDE BLOCKING AS NECESSARY
X93467	67	1"X 1" SLATS	SB	GC	FULL HEIGHT SLATS, REFER TO INTERIOR ELEVATIONS AND DETAILS, GC TO VERIFY PRIOR TO PROCUREMENT AND INSTALLATION, GC TO PROVIDE BLOCKING AS NECESSARY

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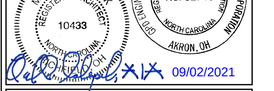
GPD PROJECT NO: 2020261.36



09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
CASEWORK AND FF&E SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER:
I601

WALL TREATMENT (AREA) SCHEDULE - "Q"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
11469	1595 SF	FRP - WHITE	GC	GC	
TILE					
20219	1032 SF	TILE - LUNAR - TITANIUM - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 09 GRAY, OR EQUAL
21046	289 SF	TILE - PENNY ROUND - BLACK SPECKLE - 11X22IN 580X560MM SHEET	SB	GC	GROUT: MAPEI -10 BLACK, OR EQUAL
WALL COVERING					
21058	362 SF	VINYL WALL COVERING - ACCORD - MYSTIC	SB	GC	

PAINT SCHEDULE

DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS
SW7031	SW7031 MEGA GREIGE, OR EQUIVALENT	37	GC	GC	SW USE PRIMER CP-1; NCS - S 3005-Y50R; AKZO NOBEL - 20YY 37/094

CEILING TREATMENT SCHEDULE - "U"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
OTHER					
11302	439 SF	VCT - WHITE - 2X4FT 61X122CM	GC	GC	
X11302	664 SF	ACT - CIRRUS SECOND LOOK - 6X48	GC	GC	ARMSTRONG - CIRRUS SECOND LOOK - SCORED TEGULAR MEDIUM TEXTURE-III PANEL- SOCRING CREATES 6"X48" LINEAR PLANKS VINYL DESIGN IDX11302, 6"X48 GRID/ACT FOR CAFE -PAINTED SW7033

WALL BASE SCHEDULE - "B"

DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
11403	168' - 2"	TILE BASE - BLACK - 6X12IN 150X305MM	SB	GC	GROUT GR0008: MAPEI 10 - BLACK; LATICRETE 45 - RAVEN; PRETOKOLL - P.FLEX PRETO
19795	379' - 2 1/2"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	
X51001	52' - 7 1/2"	SCHLUTER COVE BASE (TILE-TO-TILE)	GC	GC	LOCATED IN RESTROOMS. SATIN NICKEL. GC TO FIELD VERIFY TOTAL LENGTH PRIOR TO ORDERING

FLOOR TREATMENT SCHEDULE - "T"

DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CONCRETE					
X17860	1197 SF	CONCRETE STAIN - LIGHT GREY	GC	GC	
PLASTIC					
19795	1085 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	
WALK OFF MAT					
19288	36 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	SB	GC	

GRAPHICS AND ARTWORK SCHEDULE - "G"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
GRAPHICS - ARTWORK					
16908	1	ART - JENNIFER AMENT - STAR	SB	GC	DESIGNER TO SPECIFY OPTIONS - FORMAT, FINISHES, ETC. THIS IMAGE CANNOT BE CROPPED OR RESIZED
X9001	1	ARTWORK - 1	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9002	1	ARTWORK - 2	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9003	1	ARTWORK - 3	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9004	1	ARTWORK - 4	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9005	1	ARTWORK - 5	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9006	1	ARTWORK - 6	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9007	1	ARTWORK - 7	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9008	1	ARTWORK - 8	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9009	1	ARTWORK - 9	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9010	1	ARTWORK - 10	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9011	1	ARTWORK - 11	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
X9012	1	ARTWORK - 12	SB	GC	REFER TO INTERIOR ELEVATION. CONFIRM WITH VENDOR.
GRAPHICS - INTERIOR MENU					
18984	7	MENU BOARD - UNIVERSAL WALL MOUNT BRACKET	SB	GC	
19551	6	MENU BOARD - FRONT INSERT PANEL WITH SQUARE FRAME - WHITE OAK WD0073	SB	GC	
19552	1	MENU BOARD - DAILY OFFERING CHALKBOARD WITH SQUARE FRAME - WHITE OAK WD0073	SB	GC	
GRAPHICS - OTHER					
11135	2	RESTROOM SIGN UNISEX ACCESSIBLE	SB	GC	
12693	1	COMMUNITY BOARD MAGNETIC MED WARM BROWN WD0004 - 46X36IN 1170X915MM	SB	GC	

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Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR FINISHES SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER:
I602

GENERAL PROVISIONS:

TYPICAL DETAILS AND GENERAL NOTES APPLY TO ALL PARTS OF THE WORK EXCEPT WHERE SPECIFICALLY DETAILED OR UNLESS OTHERWISE NOTED.

DRAWINGS ARE NOT TO BE SCALED.

FOR DIMENSIONS NOT SHOWN, COORDINATE WITH ARCHITECTURAL DRAWINGS.

THE CONTRACTOR SHALL CAREFULLY REVIEW THE DRAWINGS TO IDENTIFY THE SCOPE OF WORK REQUIRED, VISIT THE SITE TO RELATE THE SCOPE OF WORK TO EXISTING CONDITIONS, AND DETERMINE THE EXTENT OF WHICH THOSE CONDITIONS AND PHYSICAL SURROUNDINGS WILL IMPACT THE WORK.

EXISTING CONDITIONS AS SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. THE CONTRACTOR IS REQUIRED TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL ASSUME THE MOST STRINGENT REQUIREMENTS APPLY IN CASE OF CONFLICT AMONG SPECIFICATIONS, STANDARDS, CODES AND DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY TO RESOLVE THE CONFLICT.

ANY DEVIATION, MODIFICATION, OR SUBSTITUTION FROM THE BID SET OF STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR REVIEW/APPROVAL PRIOR TO ITS USE OR INCLUSION ON THE SHOP DRAWINGS. WITHOUT SUCH PRIOR APPROVAL, DEVIATIONS, MODIFICATIONS, OR SUBSTITUTIONS WILL BE REJECTED. COSTS FOR DEMOLITION AND REWORK OF SUCH ITEMS WILL BE BORNE BY THE CONTRACTOR.

THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED FOR IN-SERVICE LOADS ONLY. THE MEANS, METHODS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY TEMPORARY SYSTEMS (SHORING, BRACING, GUYS, FALSEWORK, FORMWORK, SHEETING ETC.) TO ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION. ALL WORK SHALL BE PERFORMED WITHOUT DAMAGE TO ADJACENT EXISTING WORK. SHORING SYSTEMS SHALL BE DESIGNED, SIGNED, AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE JURISDICTION WHERE THE PROJECT IS LOCATED.

THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL REVIEW THE STRUCTURAL CONTRACT DOCUMENTS AND SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY CONFLICTS BETWEEN THOSE DOCUMENTS AND ANY SAFETY REGULATIONS. SUCH REVIEW AND NOTIFICATION SHALL OCCUR PRIOR TO PRODUCTION OF SHOP DRAWINGS.

THE CONTRACTOR SHALL PROTECT ALL WORK, MATERIALS, AND EQUIPMENT FROM DAMAGE AND SHALL PROVIDE PROPER STORAGE FACILITIES FOR MATERIALS AND EQUIPMENT DURING CONSTRUCTION.

SITE VISITS PERFORMED BY THE ARCHITECT/ENGINEER DO NOT INCLUDE INSPECTIONS OF MEANS AND METHODS OF CONSTRUCTION PERFORMED BY THE CONTRACTOR.

STRUCTURAL OBSERVATIONS PERFORMED BY THE ARCHITECT/ENGINEER DURING CONSTRUCTION ARE NOT THE CONTINUOUS AND SPECIAL INSPECTION SERVICES AND DO NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE BUILDING DEPARTMENT INSPECTOR OR THE TESTING AGENCY. ALSO, OBSERVATIONS DO NOT GUARANTEE THE CONTRACTOR'S PERFORMANCE AND SHALL NOT BE CONSIDERED AS SUPERVISION OF CONSTRUCTION.

THE WEIGHT OF CONSTRUCTION MATERIALS AND EQUIPMENT ON THE STRUCTURE SHALL BE LIMITED TO THE SHELL BUILDING DESIGN LOADING CRITERIA UNLESS APPROVED BY THE SHELL BUILDING ENGINEER OF RECORD. ANY EQUIPMENT OR MATERIALS THAT EXCEED THE DESIGN LOADING WILL NOT BE PERMITTED WITHOUT AN ANALYSIS OF THE STRUCTURE BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT STAMPED CALCULATIONS TO ENGINEER FOR REVIEW. THE RESPONSIBILITY FOR THE ANALYSIS OF ANY ELEVATED SLABS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

DESIGN LOADINGS:

GOVERNING BUILDING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE (BASED ON 2015 INTERNATIONAL BUILDING CODE

FLOOR DEAD LOADS	10 PSF SUPERIMPOSED PLUS ACTUAL MATERIAL WEIGHTS
FLOOR LIVE LOADS	100 PSF UNO
LIGHT STORAGE	125 PSF
ROOF DEAD LOAD	10 PSF SUPERIMPOSED PLUS ACTUAL MATERIAL WEIGHTS
ROOF LIVE LOAD	20 PSF

ROOF SNOW LOADS:

GROUND SNOW LOAD (Pg)	10 PSF
EXPOSURE FACTOR, Ce	1.0
IMPORTANCE FACTOR, I:	1.0
THERMAL FACTOR, Ct:	1.0
FLAT ROOF SNOW LOAD, Pf:	7 PSF
MINIMUM SNOW LOAD:	10 PSF

SNOW DRIFT LOAD: SEE DIAGRAMS BELOW

LATERAL LOAD DESIGN DATA:

WIND DESIGN DATA (ASCE 7-10):

BASIC WIND SPEED	118 MPH
RISK CATEGORY	II
EXPOSURE CATEGORY	C

DESIGN PRESSURES
COMPONENTS AND CLADDING (h = 15')

TRIB. AREA	ROOF ZONE 1	ROOF ZONE 2
0-10 SF	+16, -30 PSF	+16, -51 PSF
>10-20 SF	+16, -30 PSF	+16, -46PSF
>20-50 SF	+16, -29 PSF	+16, -38 PSF
>50-100 SF	+16, -28 PSF	+16, -33 PSF

TRIB. AREA	ROOF ZONE 3	WALL ZONE 4	WALL ZONE 5
0-10 SF	+16, -77 PSF	+30, -33 PSF	+30, -41 PSF
>10-20 SF	+16, -64 PSF	+29, -32 PSF	+29, -38 PSF
>20-50 SF	+16, -46 PSF	+27,- 30 PSF	+27, -34 PSF
>50-100 SF	+16, -33 PSF	+26, -28 PSF	+26, -32 PSF

SEE DIAGRAM BELOW FOR ZONE DEFINITIONS (a = 3'-0")
+ INDICATES PRESSURE ACTING TOWARD AN EXTERIOR SURFACE
- INDICATES PRESSURE ACTING AWAY FROM AN EXTERIOR SURFACE

SEISMIC DESIGN DATA (ASCE 7-10):

RISK CATEGORY	II
SEISMIC IMPORTANCE FACTOR	IE = 1.0
SITE CLASS	D
Ss	0.21
S1	0.09
SDS	0.22
SD1	0.15
SEISMIC DESIGN CATEGORY	C

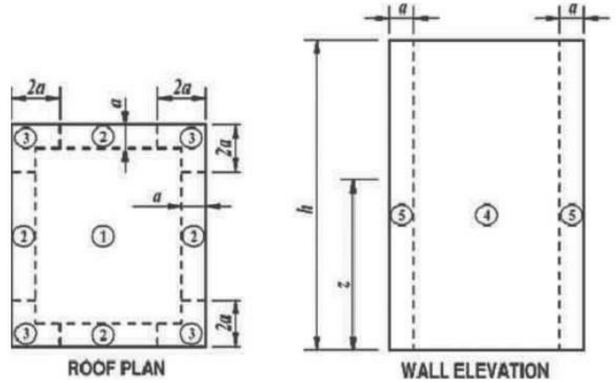
BASIC LATERAL FORCE RESISTING SYSTEM:
LIGHT-FRAMED WALLS WITH WOOD STRUCTURAL PANELS FOR SHEAR RESISTANCE, BOTH OTHOGONAL DIRECTIONS

RESPONSE MODIFICATION FACTOR R:
6.5 BOTH ORTHOGONAL DIRECTIONS

SEISMIC RESPONSE COEFFICIENT	Cs = 0.034
SEISMIC BASE SHEAR	V = 0.037W

NONSTRUCTURAL COMPONENTS: Ip = 1.0, z/h=1, U.N.O.

COMPONENT	ap	Rp	Cs
ALL COMPONENTS U.N.O.	1	2.5	0.04
MECH EQUIP.	2.5	6	0.04



WIND ZONE DIAGRAMS

FRONT AND REAR PARAPETS — SIDE PARAPETS

NOTE: DRIFT LOADS ARE IN ADDITION TO UNIFORM SNOW LOADS

SNOW DRIFT DIAGRAMS

FOUNDATION SYSTEMS:

GENERAL:

THE CONTRACTOR SHALL STUDY THE GEOTECHNICAL INVESTIGATION REPORT (REFER TO THE "EARTHWORK/SUBSURFACE INVESTIGATION" SECTION UNDER THE GENERAL NOTES") AND VISIT THE SITE PRIOR TO THE START OF ANY WORK. THE CONTRACTOR SHALL VERIFY ANY EXISTING FIELD CONDITION THAT MAY AFFECT THE INSTALLATION OF THE FOUNDATION SYSTEM.

THE CONTRACTOR SHALL EXERCISE GREAT CARE DURING EXCAVATION. UNDERGROUND UTILITY LOCATIONS, IF SHOWN, ARE APPROXIMATE. THE CONTRACTOR SHALL PREDETERMINE UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY IF DEVIATION FROM PLANS EXIST. THE CONTRACTOR IS RESPONSIBLE FOR THE SAFE SUPPORT OF UTILITIES ACROSS EXCAVATIONS.

SHEETING, SHORING, AND DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR.

A SOILS TESTING LABORATORY SHALL BE RETAINED BY THE OWNER TO PROVIDE CONSTRUCTION REVIEW TO ENSURE CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS DURING THE EXCAVATIONS, BACKFILL, AND FOUNDATION PHASES OF THE PROJECT.

CONTINUOUS WATERSTOPS SHALL BE PROVIDED AT ALL HORIZONTAL AND VERTICAL CONSTRUCTION JOINTS IN ALL ELEVATOR PITS AND BASEMENT WALLS.

BOTTOM OF ALL EXTERIOR FOOTINGS/GRADE BEAMS SHALL BEAR A MINIMUM OF 1'-6" BELOW ADJACENT FINAL GRADE FOR FROST PROTECTION.

SPREAD/TRENCH FOOTINGS:

BEARING ELEVATIONS ARE ESTIMATED FROM SOIL BORING DATA INDICATED IN THE GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT. DETERMINATION OF FINAL BEARING ELEVATIONS, TOPSOIL AND EXCAVATION STRIPPING DEPTH, INSPECTION OF ALL SUBSOIL EXPOSED DURING STRIPPING, SITE GRADING, EXCAVATION OPERATIONS, APPROVAL OF FILL MATERIALS, DENSITY TESTING OF FILLS TO ENSURE PLACEMENT PER SPECIFICATION REQUIREMENTS, INSPECT FOUNDATION BEARING SURFACES, AND VERIFY ALLOWABLE BEARING PRESSURES ARE THE TESTING LABORATORY'S RESPONSIBILITY.

ALL FOUNDATIONS ARE TO REST ON FIRM UNDISTURBED SOIL OR COMPACTED FILL FREE FROM ORGANIC MATTER. IF POOR SOIL CONDITIONS ARE ENCOUNTERED AT FOUNDATION DEPTHS SHOWN, NOTIFY OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH CONSTRUCTION.

FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 2500 PSF.

NEW FOOTINGS PLACED ADJACENT TO EXISTING FOOTINGS SHALL BEAR AT THE SAME ELEVATION, UNLESS NOTED OTHERWISE.

STEP FOOTINGS AT A RATIO OF ONE (1) VERTICAL TO TWO (2) HORIZONTAL WITH A MAXIMUM VERTICAL STEP OF 2'-0" UNLESS NOTED OTHERWISE.

INUNDATION AND LONG TERM EXPOSURE OF BEARING SURFACES, WHICH WILL RESULT IN DETERIORATION OF BEARING FORMATIONS, SHALL BE PREVENTED. FOOTINGS SHALL BE PLACED IMMEDIATELY FOLLOWING FOOTING EXCAVATIONS AND BEARING SURFACE INSPECTION.

UTILITY LINES SHALL NOT BE PLACED THROUGH OR BELOW FOUNDATIONS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.

EARTHWORK/SUBSURFACE INVESTIGATION:

GENERAL:

THE CONTRACTOR SHALL REFER TO THE THE GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT AND SPECIFICATIONS FOR ALL REQUIREMENTS RELATED TO EXCAVATION, PREPARATION OF THE SUBGRADE, COMPACTION PROCEDURES, AND FOR ANY OTHER GEOTECHNICAL REQUIREMENTS. WHERE CONFLICTING REQUIREMENTS BETWEEN THE DRAWINGS AND GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT ARE PRESENT, THE MOST STRINGENT REQUIREMENT SHALL BE BID UNLESS OTHERWISE ADDRESSED BY THE ENGINEER OF RECORD IN A FORMAL REQUEST FOR INFORMATION.

THE RECOMMENDATIONS PRESENTED HEREIN ARE IN ACCORDANCE WITH THE SUBSURFACE INVESTIGATION REPORT PREPARED BY:

ECS SOUTHEAST, LLP, DATED FEBRUARY 5, 2021

PROOFROLLING:

PRIOR TO EXCAVATION FOR STRUCTURES, PROOFROLL BUILDING AND PAVEMENT AREAS USING A HEAVILY LOADED DUMP TRUCK OR SIMILARLY HEAVILY LOADED VEHICLE. ALL SOFT, LOOSE OR UNSTABLE AREAS ARE TO BE STABILIZED WITH ADDITIONAL COMPACTION OR UNDERCUT AND REPLACED WITH ENGINEERED FILL.

ENGINEERED FILL:

ENGINEERED FILL SHALL BE WELL-GRADED MATERIAL FREE FROM DEBRIS, ORGANIC MATERIAL, FROZEN MATERIALS, BRICK, LIME, CONCRETE AND OTHER MATERIALS THAT WOULD PREVENT ADEQUATE PERFORMANCE. FILL SHALL CONFORM TO ASTM D2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, SW, SP OR SM.

UNLESS OTHERWISE NOTED, THE PROPOSED ENGINEERED FILL MATERIALS ARE TO BE PLACED IN LIFTS NOT EXCEEDING EIGHT (8) INCHES IN LOOSE MEASURED THICKNESS. EACH LIFT IS TO BE COMPACTED A MINIMUM OF 98% MAXIMUM DENSITY BY ASTM D698.

THE EARTHWORK PROGRAM SHALL BE CONDUCTED UNDER THE SUPERVISION OF A SOILS LABORATORY.

THE IN-PLACE DENSITIES ACHIEVED ARE TO BE VERIFIED BY TEST.

BACKFILL:

BACKFILL OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND GEOTECHNICAL SUBSURFACE INVESTIGATION REPORT.

BACKFILL MATERIAL SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION.

PRIOR TO BACKFILL OPERATIONS AGAINST FOUNDATION WALLS, THE WALLS SHALL BE PROPERLY SHORED TO RESIST THE LATERAL FORCE OF THE BACKFILL AND ASSOCIATED EQUIPMENT. LATERAL SHORES MAY BE ELIMINATED WHERE THE FLOOR SLAB CONNECTING TO THE WALLS HAS ACHIEVED THEIR DESIGN STRENGTH.

WHERE FINAL GRADES ARE APPROXIMATELY EQUAL ON BOTH SIDES OF A WALL, BACKFILL EQUALLY ON BOTH SIDES OF THE WALL IN LIFTS TO MAINTAIN LEVEL ELEVATIONS TO WITHIN 1'-0" AT ANY GIVEN TIME.

CONCRETE:

GENERAL:

ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301-10, "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE" AND ACI 302, 305 AND 306 UNLESS NOTED OTHERWISE.

ALL DETAILING, FABRICATION AND PLACING OF CONCRETE SHALL CONFORM TO ACI 318-14, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND THE LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAIL REINFORCED CONCRETE STRUCTURES" UNLESS NOTED OTHERWISE.

SAFETY AND PERFORMANCE OF THE STRUCTURE ARE THE RESPONSIBILITY OF THE CONTRACTOR INSOFAR AS THEY ARE AFFECTED BY THE LOCATION AND DETAILS OF CONSTRUCTION JOINTS. SHOP DRAWINGS OF THE PROPOSED CONSTRUCTION JOINT LOCATIONS AND DETAILS ARE TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.

ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:

ALL CONCRETE - 4000 PSI

ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 6% (± 1%) AIR ENTRAINMENT.

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A1064 AND BE FURNISHED IN FLAT SHEETS AND INSTALLED ON CHAIRS OR PRECAST CONCRETE BLOCKS.

NO TACK WELDING OF REINFORCING IN THE FIELD IS PERMITTED.

PROVIDE CORNER BARS AT ALL LOCATIONS WHERE REINFORCEMENT CHANGES DIRECTION.

PROVIDE STRAIGHT AND DIAGONAL BARS AT EDGES OF ALL OPENINGS.

REINFORCING EMBEDMENT AND LAP SPLICES (INCHES) FOR 4000 PSI CONCRETE

BAR SIZE	OTHER ANCHORAGE	OTHER SPLICE	TOP* ANCHORAGE	TOP* SPLICE
# 3	15	19	19	24
# 4	19	25	25	33
# 5	24	31	31	41
# 6	29	37	37	49
# 7	42	54	54	71
# 8	48	62	62	81
# 9	54	70	70	91
#10	60	78	78	101
#11	66	85	85	111

* HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE BELOW BAR

CLEAR MINIMUM COVER OF CONCRETE OVER REINFORCING BARS SHALL BE AS FOLLOWS:

CONCRETE PLACED AGAINST EARTH:	3"
CONCRETE EXPOSED TO EARTH OR WEATHER:	
#6 TO #18 BARS	2"
#5 BAR OR SMALLER	1 1/2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER:	
SLABS & WALLS #11 BAR AND SMALLER	3/4"
CONCRETE BEAMS, COLUMNS, & PIERS	1 1/2"

ADHESIVE DOWELLED ANCHORS:

REINFORCING, BAR DOWELS, REINFORCING BARS, THREADED RODS, BOLTS ETC. WHICH ARE INDICATED TO BE ADHESIVE DOWELLED INTO CONCRETE OR SOLID MASONRY SHALL BE ACCOMPLISHED USING HIT HY-200 SAFESET ADHESIVE BY HILTI FASTENING SYSTEMS OF TULSA, OK. (ICC REPORT NO. ESR 3013), OR EQUAL.

DRILL, BRUSH, AND CLEAN ALL HOLES, AND INSTALL ALL ANCHORS IN COMPLETE ACCORDANCE WITH MANUFACTURERS PUBLISHED RECOMMENDATIONS, AS WELL AS ALL APPLICABLE BUILDING CODES OR ENGINEERING REPORTS.

PROVIDE THE FOLLOWING MINIMUM ANCHOR EMBEDMENT DEPTHS UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DETAILS:

A. REINFORCING BARS

BAR SIZE	EMBEDMENT DEPTH
#3	4"
#4	6"
#5	7"
#6	9"
#7	10"
#8	12"
#9	13"
#10	16"
#11	18"

B. BOLTS OR THREADED RODS

DIAMETER	EMBEDMENT DEPTH
3/8"	5"
1/2"	7"
5/8"	8"
3/4"	10"
7/8"	12"
1"	13"

C. HILTI HIS INSERTS

DIAMETER	EMBEDMENT DEPTH
3/8"	4 1/4"
1/2"	5"
5/8"	6 5/8"
3/4"	8 1/4"

WHEN INSTALLING DRILLED-IN-ANCHORS, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS.

STRUCTURAL ABBREVIATIONS:

AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ACS	ALL COMMON SURFACES
AISC	AMERICAN INSTITUTE OF STEEL CONST.
AISI	AMERICAN IRON AND STEEL INSTITUTE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ARCH'L	ARCHITECTURAL
ALT	ALTERNATE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIAL
BO	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
C	CHANNEL
CFS	COLD-FORMED STEEL
CJ	CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
C	CENTER LINE
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
DIA	DIAMETER
DIAG	DIAGONAL
DWG	DRAWING
(E)	EXISTING
EF	EACH FACE
EL	ELEVATION
EQ	EQUAL
EW	EACH WAY
FF	FINISH FLOOR
FLR	FLOOR
FND	FOUNDATION
FT	FOOT
FTG	FOOTING
GA	GAUGE
GSN	GENERAL STRUCTURAL NOTES
HI	HIGH
HORIZ	HORIZONTAL
ID	INSIDE DIAMETER
INFO	INFORMATION
JT	JOINT
K	KIP (1,000 LBS)
KSI	KIPS PER SQUARE INCH
L	ANGLE
LL	LANDLORD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LO	LOW
MFR	MANUFACTURER
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MISC	MISCELLANEOUS
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPP	OPPOSITE
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
REQ'D	REQUIRED
SIM	SIMILAR
SPEC	SPECIFICATION
STD	STANDARD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TO	TOP OF
TOC	TOP OF CONCRETE
TOD	TOP OF DECK
TOF	TOP OF FOOTING
TOL	TOP OF LEDGER
TOP	TOP OF PANEL
TOS	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W	WIDE FLANGE
W/	WITH
W/O	WITHOUT
WSP	WOOD STRUCTURAL PANELS
WT	WEIGHT
WWF	WELDED WIRE FABRIC

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 36136 ENGINEER CHRIS M. CLEM

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: STRUCTURAL GENERAL NOTES
SCALE: AS SHOWN

SHEET NUMBER: S001

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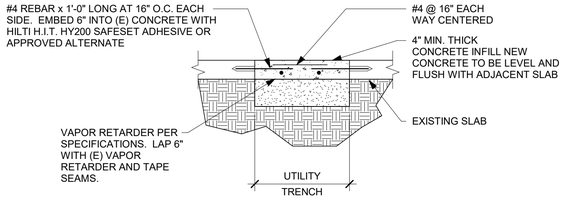
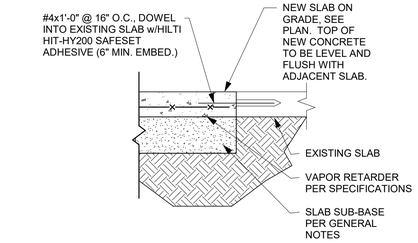


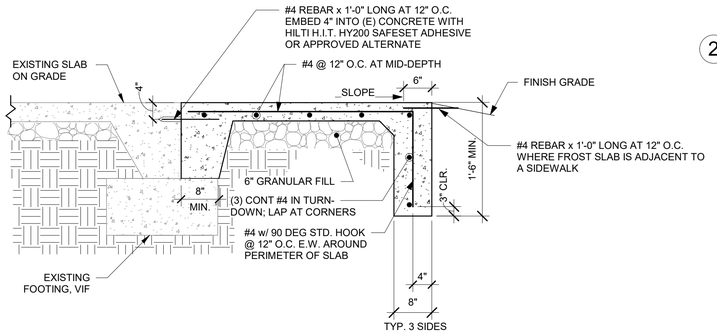
3 TYP. UTILITY TRENCH DETAIL

Scale: 3/4" = 1'-0"



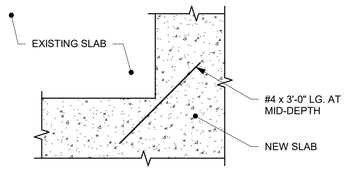
2 SLAB TIE-IN SECTION

Scale: 1" = 1'-0"



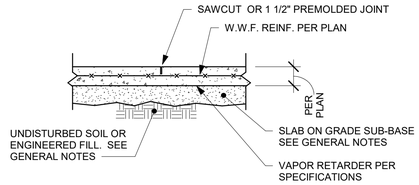
6 FROST SLAB DETAIL

Scale: 3/4" = 1'-0"



5 PLAN DETAIL AT RE-ENTRANT CORNER

Scale: 1/2" = 1'-0"



CONTROL JOINT

NOTES:
1) FOR CONSTRUCTION OR CONTROL JOINT LOCATIONS, REFERENCE FOUNDATION/SLAB PLAN.
2) USE "SOFTCUT SAW" AS SOON AS POSSIBLE WITHOUT CAUSING RAVELING OF CONCRETE EDGES. SAWCUT ALONG SHORT DIRECTION OF POUR FIRST.
3) PROVIDE CONSTRUCTION/CONTROL JOINT TO ENCLOSE APPROXIMATE SQUARE AREAS OF 225 SQ. FT. MAX.

4 TYP SLAB ON GRADE JOINT DETAIL

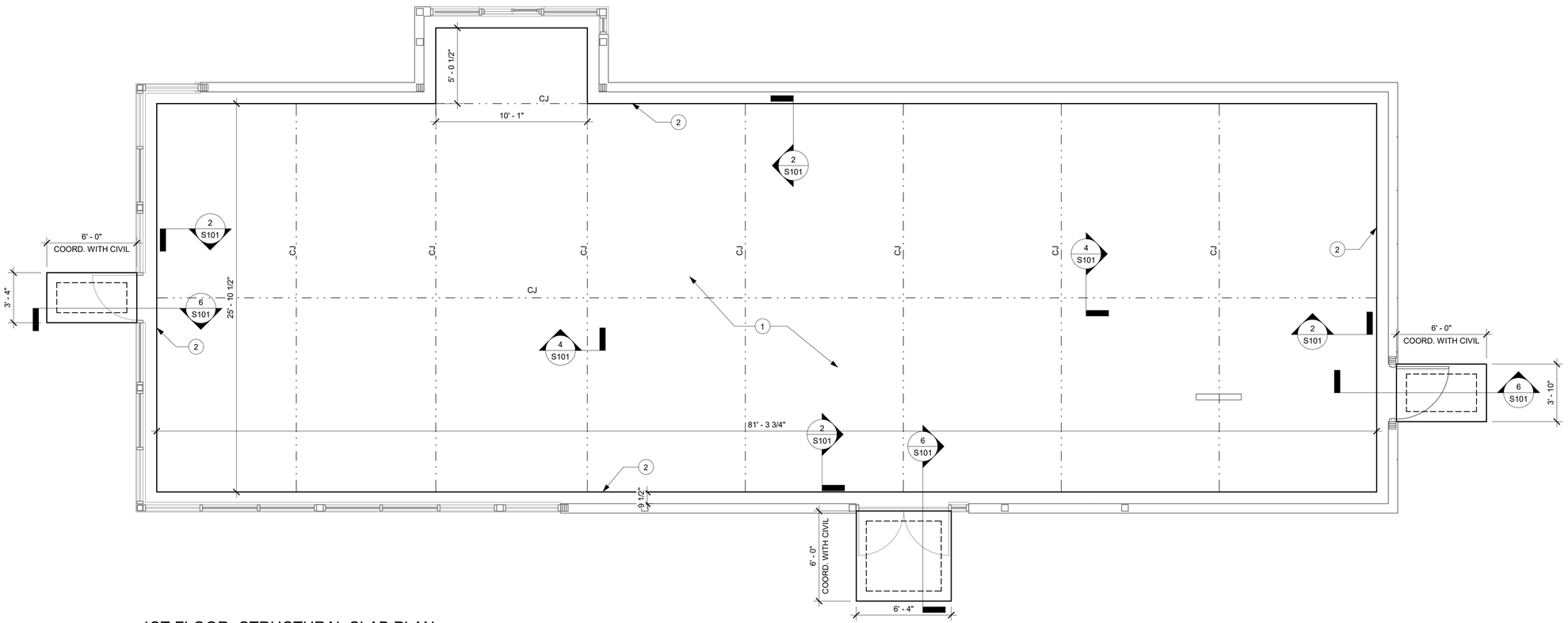
Scale: 3/4" = 1'-0"

KEYED NOTES

1. 4" THICK SLAB ON GRADE WITH 6"x6"xW2.9xW2.9 REINFORCING AT MID-DEPTH.
2. EXISTING SLAB STUB
3. #4 BAR X 3'-0" LG. 1 1/2" CLR FROM TOP OF SLAB

GENERAL NOTES

A. FOR STRUCTURAL GENERAL NOTES AND DESIGN CRITERIA, REFER TO S001.
B. TOP OF SLAB ELEVATION 0'-0" TO MATCH EXISTING SLAB ELEVATION.
C. "CJ" INDICATES CONTROL JOINT. FOR ADDITIONAL INFORMATION, REFER TO DETAIL 3/S101
E. FIELD VERIFY ALL ITEMS INDICATED TO BE "EXISTING" OR "BY LANDLORD".
F. INFORMATION FOR SHELL BUILDING STRUCTURAL COMPONENTS WAS OBTAINED FROM DRAWINGS PREPARED BY GPD GROUP, PROFESSIONAL CORPORATION, DATED NOVEMBER 20, 2020.



1 1ST FLOOR -STRUCTURAL SLAB PLAN

Scale: 1/4" = 1'-0"

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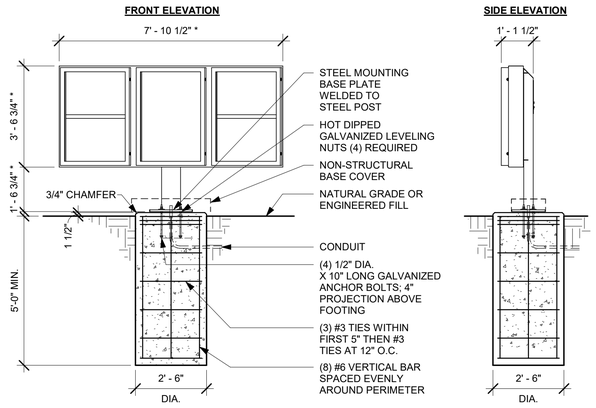
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: STRUCTURAL SLAB PLAN
SCALE: AS SHOWN

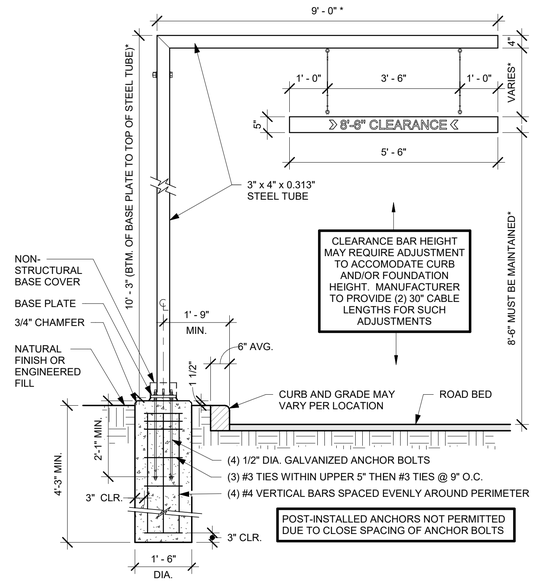
SHEET NUMBER: S101



* VERIFY MARKED DIMENSIONS WITH EQUIPMENT SUPPLIER

1 DT 5-PANEL MENU BOARD GROUND FOOTING

Scale: 3/8" = 1'-0"

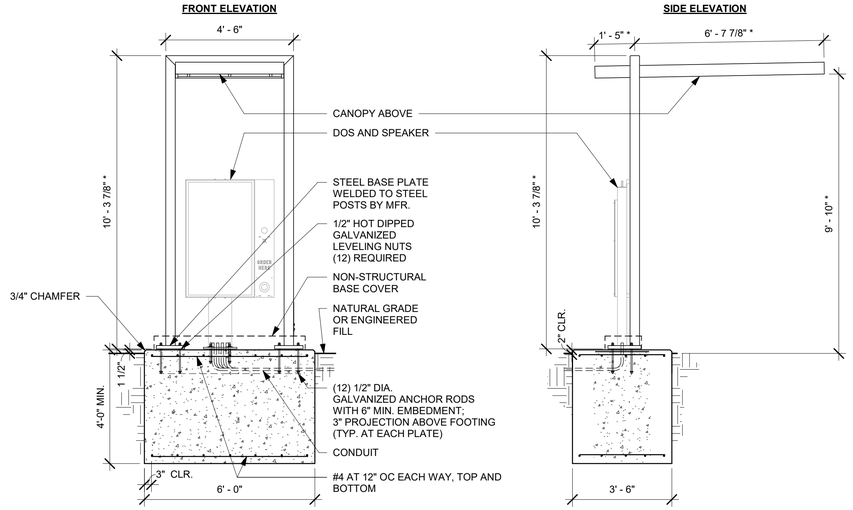


4 DTE CLEARANCE BAR GROUND FOOTING

Scale: 1/2" = 1'-0"

NOTES:

1. **FOUNDATIONS AND ANCHOR BOLTS FOR DRIVE THRU EQUIPMENT AND SIGNAGE SHALL BE FURNISHED AND INSTALLED BY GC.**
2. **GC SHALL VERIFY ANCHOR BOLT SIZES WITH EQUIPMENT & SIGNAGE VENDOR**
3. **EQUIPMENT & SIGNAGE VENDOR SHALL SUPPLY ANCHOR BOLT TEMPLATES AND INSTALL EQUIPMENT & SIGNAGE ON THE COMPLETED FOUNDATIONS.**
4. **PROVIDE 3" MINIMUM CONCRETE COVER TO ALL REINFORCING STEEL**



* VERIFY MARKED DIMENSIONS WITH EQUIPMENT SUPPLIER

7 DTE DOS CANOPY GROUND FOOTING

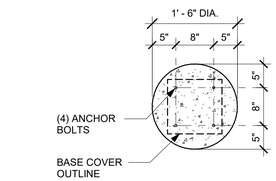
Scale: 3/8" = 1'-0"

8 DTE DOS CANOPY BOLT PATTERN (TOP VIEW)

Scale: 1" = 1'-0"

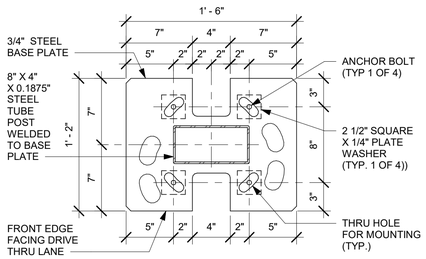
2 DTE 5-PANEL MENU BOARD BOLT PATTERN (TOP VIEW)

Scale: 1 1/2" = 1'-0"



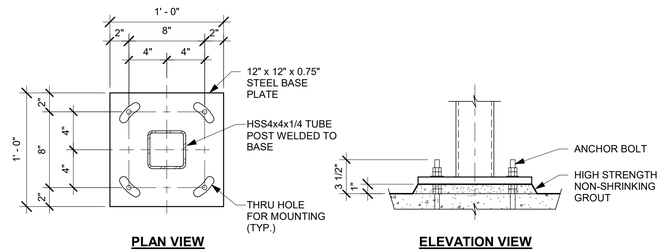
5 DTE CLEARANCE BAR BOLT PATTERN

Scale: 3/4" = 1'-0"



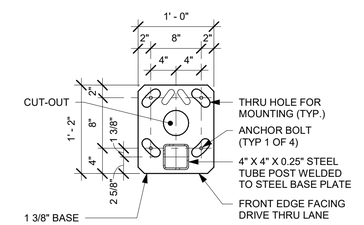
3 DTE 5-PANEL MENU BOARD BASE PLATE

Scale: 1 1/2" = 1'-0"



6 DTE CLEARANCE BAR BASE PLATE

Scale: 1 1/2" = 1'-0"



9 DTE DOS CANOPY BASE PLATE

Scale: 1" = 1'-0"

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09/02/2021

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PRODUCTION DESIGNER:	GPD GROUP
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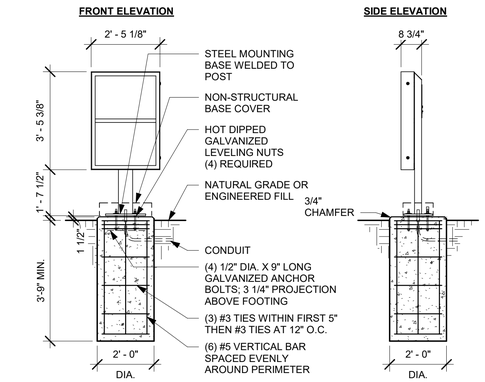
Revision Schedule

Rev	Date	By	Description

SHEET TITLE: SITE FOUNDATIONS

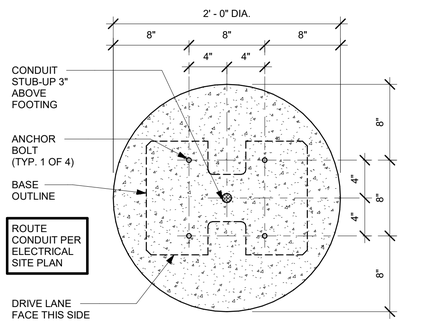
SCALE: AS SHOWN

SHEET NUMBER: S501



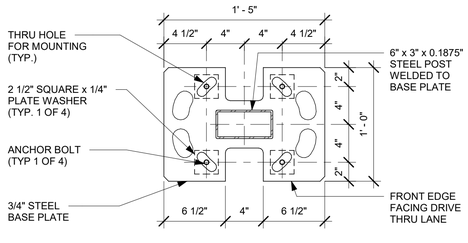
1 DTE PRE-MENU GROUND FOOTING

Scale: 3/8" = 1'-0"



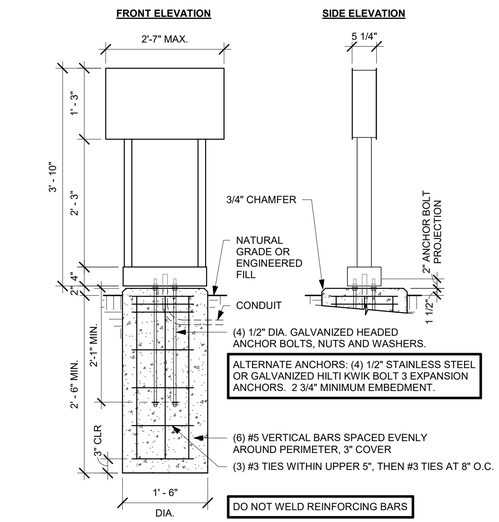
2 DTE PRE-MENU BOLT PATTERN (TOP VIEW)

Scale: 1 1/2" = 1'-0"



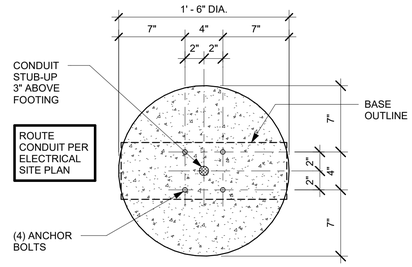
3 DTE PRE-MENU BASE PLATE

Scale: 1 1/2" = 1'-0"



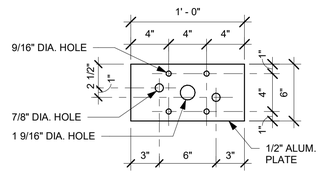
4 DTE DIRECTIONAL SIGNAGE GROUND FOOTING

Scale: 3/4" = 1'-0"



5 DTE DIRECTIONAL SIGNAGE BOLT PATTERN

Scale: 1 1/2" = 1'-0"



6 DTE DIRECTIONAL SIGNAGE BASE PLATE

Scale: 1 1/2" = 1'-0"

NOTES:

1. **FOUNDATIONS AND ANCHOR BOLTS FOR DRIVE THRU EQUIPMENT AND SIGNAGE SHALL BE FURNISHED AND INSTALLED BY GC.**
2. **GC SHALL VERIFY ANCHOR BOLT SIZES WITH EQUIPMENT & SIGNAGE VENDOR**
3. **EQUIPMENT & SIGNAGE VENDOR SHALL SUPPLY ANCHOR BOLT TEMPLATES AND INSTALL EQUIPMENT & SIGNAGE ON THE COMPLETED FOUNDATIONS.**
4. **PROVIDE 3" MINIMUM CONCRETE COVER TO ALL REINFORCING STEEL.**

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STARBUCKS TEMPLATE VERSION: i2021-01-22

GPD Engineering and Architecture
Professional Corporation - C3879

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 38136 CHRISTOPHER M. CRAIG
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: SITE FOUNDATIONS

SCALE: AS SHOWN

SHEET NUMBER: S502

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CKT	CIRCUIT
CLG	CEILING
CM	STARBUCKS CONSTRUCTION MANAGER
CONST	CONSTRUCTION
CW	COLD WATER
CXA	COMMISSIONING AGENT
DEG	DEGREES
DL	LIGHTS WITHIN DAYLIGHT ZONE
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
EA	EACH
EC	ELECTRICAL CONTRACTOR
ECP	EQUIPMENT CONTROL PAC
EG	EXHAUST GRILLE
ELEC	ELECTRICAL
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EX	EXISTING
EXT	EXTERIOR
F&I	FURNISH & INSTALL
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER, INSTALLED BY OWNER
FLR	FLOOR
FT	FOOT/FEET
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HR	HOUR
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
LCP	LIGHTING CONTROL PANEL
LL	LANDLORD
LS	LIGHT SENSOR PHOTOCELL
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
NL	NIGHTLIGHT
NTS	NOT TO SCALE
OCP	OVERCURRENT PROTECTION
PIR	PASSIVE INFRARED SENSOR
REF	REFERENCE
REQ('D)	REQUIRE(D)
REV	REVISION
SF	SQUARE FEET
SHT	SHEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEL	TELEPHONE
TEMP	TEMPORARY
TYP	TYPICAL
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
WH	WATER HEATER
WP	WEATHER PROOF

ELECTRICAL SYMBOL LEGEND

(J)	JUNCTON BOX
$	SWITCH
$3	THREE-WAY SWITCH
$M	MOTION (OCCUPANCY) SENSOR SWITCH
S	SWITCHBACK
▼	TELEPHONE
(T)	THERMOSTAT
(S)	THERMOSTAT SENSOR
ϕ	DIMMER SWITCH
	RECEPTACLE: DATA
	RACEWAY CONCEALED IN CEILING OR WALL. HASH MARKS INDICATE NUMBER OF WIRES. #12 AWG WIRE UNLESS OTHERWISE NOTED. TWO WIRES PLUS GROUND IF NO HASH MARKS SHOWN. LONG HASH MARK DENOTES NEUTRAL. GROUND WIRE NOT SHOWN.
	RECEPTACLE: DUPLEX
	RECEPTACLE: DUPLEX - INDIVIDUAL BRANCH CIRCUIT
	RECEPTACLE: QUAD
	RECEPTACLE: QUAD - INDIVIDUAL BRANCH CIRCUIT
	RECEPTACLE: HIGH VOLTAGE
	RECEPTACLE: FLOOR DUPLEX
	GROUNDING ELECTRODE CONNECTION
NL	NIGHTLIGHTING 24HR/DAY
(PE)	PHOTOELECTRIC CELL
	SPEAKER
	WIFI ACCESS POINT
	360 CAMERA
(CO2)	CARBON MONOXIDE SENSOR
(CO)	CARBON DIOXIDE SENSOR

FIRE ALARM SYSTEM NOTES

IF STARBUCKS IS REQUIRED TO PROVIDE A FIRE ALARM AND/OR FIRE ALARM MONITORING AND/OR PHONE LINES FOR A FIRE ALARM, AS SPECIFIED IN THE LEASE AGREEMENT, THE CONTRACTOR IS TO NOTIFY GNOC IMMEDIATELY THAT FIRE ALARM LINES ARE NEEDED. STARBUCKS PREFERRED FIRE ALARM SERVICE PROVIDER, STANLEY, IS TO BE CONTACTED BY THE CONSTRUCTION MANAGER TO INSTALL FIRE ALARM PANEL AND/OR MONITORING SERVICE AS REQUIRED.

CARBON MONOXIDE (CO) DETECTOR NOTES

COORDINATE INSTALLATION OF CARBON MONOXIDE (CO) DETECTOR DEVICE(S) AND LOW VOLTAGE WIRING WITH STARBUCKS SECURITY VENDOR FOR NEW STORES, RELOCATIONS AND MAJOR RENOVATIONS. VENDOR TO FURNISH AND INSTALL DEVICE(S) IN BOH AND FOH (AS APPLICABLE PER STARBUCKS STANDARDS). GC TO PROVIDE ROUGH-IN FOR SENSORS.

CONTROLS AND OPERATION

THE GENERAL CONTRACTOR SHALL CONTACT **VENSTAR** PRIOR TO THE LAST WEEK OF CONSTRUCTION FOR COMMISSIONING AND COORDINATE REQUIREMENTS WITH STARBUCKS.

FURNISH AND INSTALL RACEWAYS WITH PULL STRINGS AND JUNCTION BOXES FOR THERMOSTAT(S) AND SENSOR(S).

SET RESTROOM OCCUPANCY SENSOR TO 5 MINUTE 'ON' DURATION IN SINGLE OCCUPANT RESTROOM AND TO 5 MINUTE 'ON' DURATION IN MULTI-OCCUPANT RESTROOM UNLESS JURISDICTION REQUIREMENTS STATE OTHERWISE.

COORDINATE WITH DRAWINGS AND LCP VENDOR FOR DEVICE LOCATIONS. VENDOR SHALL COMMISSION CONTROLS.

THE GENERAL CONTRACTOR IS TO COMPLETE FINAL CONNECTION AFTER DATA RACK AND NETWORK INSTALLATION. THE GENERAL CONTRACTOR IS TO CONTACT LCP VENDOR TO VERIFY SYSTEM OPERATION AND TROUBLESHOOT IF REQUIRED.

ENERGY MANAGEMENT SYSTEM (EMS)

THE GENERAL CONTRACTOR SHALL INSTALL **LIGHTING CONTROLS** AND **EMS**. PRIOR TO LAST WEEK OF CONSTRUCTION, IF NEEDED, FURNISH AND INSTALL TEMPORARY THERMOSTATS AND SENSORS, AND ROUTE ALL LOW VOLTAGE WIRING THROUGH EC PROVIDED CONDUITS (COORDINATE WITH ELECTRICAL).

FURNISH AND INSTALL RACEWAYS WITH PULL STRINGS AND JUNCTION BOXES FOR THERMOSTAT(S) AND SENSOR(S).

SET RESTROOM OCCUPANCY SENSOR TO 5 MINUTE 'ON' DURATION IN SINGLE OCCUPANT RESTROOM AND TO 5 MINUTE 'ON' DURATION IN MULTI-OCCUPANT RESTROOM UNLESS JURISDICTION REQUIREMENTS STATE OTHERWISE.

COORDINATE WITH DRAWINGS AND LCP VENDOR FOR DEVICE LOCATIONS. VENDOR SHALL COMMISSION CONTROLS.

THE GENERAL CONTRACTOR IS TO COMPLETE FINAL CONNECTION AFTER DATA RACK AND NETWORK INSTALLATION. THE GENERAL CONTRACTOR IS TO CONTACT LCP VENDOR TO VERIFY SYSTEM OPERATION AND TROUBLESHOOT IF REQUIRED.

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

1) SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;

2) PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;

3) CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:

A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE , BUT ARE NOT LIMITED TO DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST FANS, HVAC CONTROLS, LIGHTING CONTROLS AND AIR CURTAINS.

B. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.

C. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE, AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.

D. INSTALLATION VERIFICATION SHALL BE PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SUPPORT STARBUCKS CXA INSTALLATION VERIFICATION EFFORTS AS NECESSARY. PROVIDE ALL ACCESS AND EQUIPMENT NECESSARY FOR STARBUCKS STAFF TO VERIFY THAT THE EQUIPMENT IS INSTALLED CORRECTLY.

E. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS DISCLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.

F. ALL HVAC, EXHAUST FAN, AND AIR CURTAIN EQUIPMENT SHALL BE TESTED, ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT(SEE TESTING, ADJUSTING AND BALANCING) AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA, IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. ALL HVAC CONTROL SYSTEMS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THESE PLANS AND PROJECT MANUAL. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN TESTING AND AIR BALANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC. TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.

G. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATION THE CORRECT OPERATION OF EQUIPMENT, RESPONSE OF SENSORS, AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES; INCLUDING BUT NOT LIMITED TO, AIR MOVEMENT, TEMPERATURE, SOUND, AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE, OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC. DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.

H. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.

I. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.

J. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

SECURITY SYSTEM NOTES

STARBUCKS CONTRACTS DIRECTLY WITH SECURITY VENDOR TO SUPPLY AND INSTALL THE SECURITY SYSTEM. CONTRACTOR TO SCHEDULE INSTALLATION OF SECURITY SYSTEM FOR FOUR (4) TIMES;

1. MEET TO PLAN SECURITY CABLE PULL WITH SECURITY CABLE INSTALLER PRIOR TO DRYWALL INSTALLATION.
2. SECURITY CABLE INSTALLER PULLS SECURITY CABLES, MOUNTS PANEL, KEYPAD AND SENSORS.
3. SECURITY EQUIPMENT INSTALL OF CAMERA, NVR AND MONITOR.
4. SECURITY MONITORING COMPANY TO BRING SYSTEM ONLINE AND TRAIN PARTNERS AFTER POS INSTALL.

SECURITY VENDOR REQUIRES A MINIMUM TWO (2) WEEKS LEAD TIME FOR EACH INSTALLATION. SECURITY VENDOR WILL COORDINATE REGIONAL INSTALLERS. ALL ADDITIONAL EXPENSES INCURRED DUE TO THE CONTRACTOR'S FAILURE TO SCHEDULE ACCORDINGLY WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TELEPHONE SYSTEM NOTES

IF ADDITIONAL TELEPHONE LINES ARE REQUIRED BEYOND THE STANDARD SINGLE LINE (SUCH AS FOR A FIRE ALARM) THE GENERAL CONTRACTOR SHALL CONTACT THE STARBUCKS CONSTRUCTION MANAGER PRIOR TO BEGINNING CONSTRUCTION TO ORDER THE ADDITIONAL TELEPHONE LINE(S). REPORT ANY TELEPHONE INSTALLATION ISSUES IMMEDIATELY TO THE STARBUCKS CONSTRUCTION MANAGER.

CONFIRM PRIOR TO BEGINNING CONSTRUCTION THAT THERE ARE EXISTING, WORKING TELCO FACILITIES TO THE BUILDING OR THAT LANDLORD HAS FURNISHED AND INSTALLED ONE (1) 2" (51MM) MIN. (ENTRANCE) CONDUIT INCLUDING PULL STRING FROM TELCO STREET FEED LINE TO THE BUILDING AS IDENTIFIED BY THE PHONE COMPANY. NOTIFY STARBUCKS CONSTRUCTION MANAGER IMMEDIATELY IF FACILITIES OR CONDUIT AND PULL STRING ARE NOT INSTALLED.

GENERAL CONTRACTOR IS TO ENSURE THAT THERE IS A 2" (51MM) MIN. CONDUIT WITH PULL STRING FROM THE DATA RACK TO THE DEMARC (TELCO TO CUSTOMER HAND OFF EQUIPMENT) WHEN THE DEMARC IS MORE THAN 10' FROM THE DATA RACK. DISTANCES LESS THAN 10' WILL NOT REQUIRE CONDUIT.

PROVIDE A 3-POSITION GROUND LUG, GROUNDED WITH #6 AWG GROUND WIRE, IF REQUIRED BY TELEPHONE COMPANY.

ALL TELEPHONE/NETWORK CABLING IS THE SCOPE OF WORK OF THE TELEPHONE/NETWORK CABLING VENDOR.

POS \ DATA LINE NOTES

STARBUCKS CONTRACTS DIRECTLY WITH THE DATA CABLING VENDOR TO SUPPLY AND INSTALL CATEGORY 5e (CAT5e) LAN CABLE AND CONNECTORS FOR THE POINT OF SALE (POS) SYSTEMS. CONTRACTOR TO SCHEDULE INSTALLATION OF DATA CABLING WITH DATA CABLING VENDOR. DATA CABLING VENDOR REQUIRES A LEAD TIME FOR INSTALLATION. DATA CABLING VENDOR WILL COORDINATE REGIONAL INSTALLERS.

AT THE START OF CONSTRUCTION, STARBUCKS CONSTRUCTION MANAGER SCHEDULES DELIVERY OF CASH REGISTER/MANAGER'S WORKSTATION EQUIPMENT AND INSTALLATION BY A POS INSTALL TECHNICIAN FOR ONE (1) MONTH PRIOR TO STORE OPEN. CONTRACTOR TO VERIFY DELIVERY SCHEDULE TWO (2) WEEKS PRIOR TO DELIVERY AND INSTALLATION DATE. EQUIPMENT IS SHIPPED DIRECTLY TO THE STORE. CONTRACTOR TO ACCEPT POS EQUIPMENT DELIVERY. DO NOT REFUSE DELIVERY.

DATA CABLING TECHNICIAN TO PROVIDE ALL CAT5e LAN CABLING AND CONNECTORS FROM ALL DESIGNED AND FUTURE CASH REGISTER LOCATIONS, MANAGER'S WORKSTATION, ALL OTHER NETWORKED EQUIPMENT (CUP LABELERS, CLOVER, BUMP BAR, ETC...) AND WIRELESS ACCESS POINT TO THE DATA RACK AREA. CONTRACTOR IS TO HAVE CONDUIT WITH PULL STRING IN PLACE FOR ALL CABLE RUNS PRIOR TO CABLE INSTALL DATE.

STARBUCKS NEW STORE GROUP IS RESPONSIBLE FOR COORDINATING STARBUCKS POS SYSTEMS DELIVERY AND INSTALLATION WITH THE POS VENDOR. THIS GROUP MAY BE CONTACTED AT: **NEWSTORES@STARBUCKS.COM**.

COMMUNICATION SYSTEM NOTES

CONFIRM PRIOR TO BEGINNING CONSTRUCTION THAT THE LANDLORD HAS FURNISHED AND INSTALLED ONE (1) ADDITIONAL 2" (51MM) (ENTRANCE) CONDUIT INCLUDING PULL STRING (FOR A TOTAL OF TWO (2)) FROM THE STREET FEED TO THE BUILDING AS IDENTIFIED BY THE INTERNET SERVICE PROVIDER.

WIRELESS NETWORK NOTES

CABLING FOR INTERNET SERVICE SHALL BE FURNISHED AND INSTALLED BY THE VENDOR FOR FIBER OR BROADBAND CONNECTIONS. T1 AND ETHERNET EXTENSION CABLING IS PROVIDED BY THE STARBUCKS (TELEPHONE/ NETWORK) CABLING VENDOR. COORDINATE WITH STARBUCKS.

MUSIC SYSTEM NOTES

MOUNT OWNER FURNISHED SPEAKERS WHERE SHOWN ON INTERIOR REFLECTED CEILING PLANS AND IN COORDINATION WITH ALL PLANS, DETAILS AND MANUFACTURER'S INSTALLATION REQUIREMENTS. INSTALL AND CONNECT OWNER FURNISHED WIRING SYSTEM BETWEEN ALL SPEAKERS AND THE OWNER PROVIDED MUSIC SYSTEM. SET WATTAGE TAP ON EACH SPEAKER'S ROTARY SWITCH PER TAP SETTINGS NOTED ON PLANS.

GENERAL ELECTRICAL NOTES

1. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. DO NOT SCALE DISTANCES OFF THE ELECTRICAL DRAWINGS; USE ACTUAL BUILDING DIMENSIONS. OVERALL CASEWORK COMPONENT DIMENSIONING ON ELECTRICAL DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY. SEE PROJECT MANUAL.
2. ALL ELECTRICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. BALANCE ALL BRANCH CIRCUIT LOADS BETWEEN THE PHASES OF THE SYSTEM WITHIN 10% OF THE HIGHEST PHASE LOAD IN EACH PANEL BOARD.
3. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DE-ENERGIZING CIRCUITS IN DEMOLITION AREAS TO INSURE A SAFE CONDITION. ELECTRICAL DEVICES AND ASSOCIATED WIRING LOCATED WITHIN THE DEMOLITION AREA THAT WILL NO LONGER BE USED SHALL BE REMOVED AND PROPERLY DISPOSED OF AT CONTRACTORS EXPENSE UNLESS OTHERWISE NOTED.
4. THE ELECTRICAL CONTRACTOR SHALL SCHEDULE ALL ELECTRICAL SYSTEM OUTAGES WITH THE GENERAL CONTRACTOR AND LANDLORD AT LEAST 24 HOURS IN ADVANCE. UNLESS APPROVED OTHERWISE ALL OUTAGES SHALL OCCUR BETWEEN 11:00PM AND 5:00AM.
5. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY CONDUIT AND J-BOXES TO SUPPORT A COMPLETE SECURITY, PHONE, POS AND DATA SYSTEMS. SEE MANAGER WORKSTATION AND BAR POINT OF SALE (POS) POWER/TELECOM/SECURITY DIAGRAM. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN. PROVIDE END-TO-END PULL STRINGS IN ALL CONDUITS. LABEL EACH END OF THE PULL STRING WITH CONDUIT SYSTEM ("SECURITY") AND DESTINATION ("CAFÉ", "FRONT BAR", ETC.). PROVIDE INSULATED BUSHINGS ON ALL STUBBED-UP AND EXPOSED CONDUIT ENDS.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
7. EXPOSED/SURFACE MOUNTED CONDUITS SHALL ONLY BE ALLOWED WHERE NECESSARY IN EXPOSED CEILING AREAS. IF CONDUITS NEED TO BE SURFACE MOUNTED TO WALLS, COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER FOR APPROVAL.
8. VERIFY LOCATION OF ALL OUTLETS AND SWITCHES WITH ARCHITECTURAL DRAWINGS, INTERIOR DETAILS, FINISH SCHEDULES, GENERAL CONTRACTOR, EQUIPMENT VENDORS, STARBUCKS AND EXISTING SITE CONDITIONS. VERIFY FINAL DOOR HINGE LOCATION PRIOR TO SWITCH INSTALLATION AND ADJUST SWITCH LOCATION IF NEEDED. DO NOT MOUNT RECEPTACLES/SWITCHES IN LOCATIONS THAT WOULD CONFLICT WITH MIRRORS, SEAMS OF WALLS, WAINSCOTS, TILE TRANSITIONS, ETC...

GENERAL NOTES

SCOPE
THE INTENT OF THE DRAWINGS AND PROJECT MANUAL IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE ELECTRICAL WORK.

SITE EXAMINATION
THE ELECTRICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, CONDUIT, AND WIRING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE ELECTRICAL WORK.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH APPROPRIATE PROVISIONS OF CSA, ULC, NEC, ASTM, UL, ETL, NEMA, ANSI, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CODES, THE HIGHEST STANDARD SHALL APPLY. ELECTRICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE ELECTRICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE ELECTRICAL WORK.

WARRANTY
THE ELECTRICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

LANDLORD REQUIREMENTS

PRIOR TO BID: THE CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. IF LANDLORD / BUILDING OWNER DOES HAVE REQUIREMENTS, CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS (IN THE OPINION OF THE ENGINEER). LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.

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STARBUCKS TEMPLATE VERSION: i2021-01-22

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 040102 ENGINEER STEVEN P SCHAUB

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL NOTES

SCALE: AS SHOWN

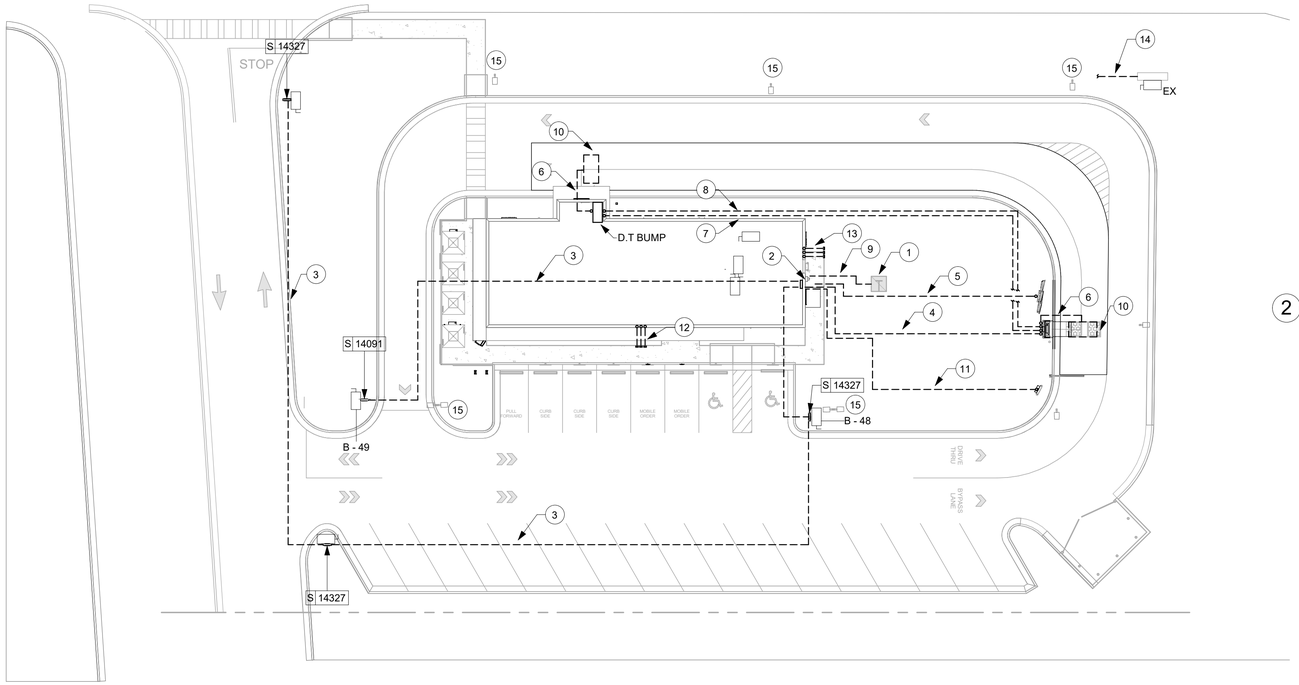
SHEET NUMBER:
E001

SITE SCHEDULE - "Y"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
EXTERIOR MENU					
14116	1	MENU BOARD - DT DIGITAL ORDER SCREEN - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
14119	1	5 PANEL MENU BOARD	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
15700	1	MENU BOARD - DT DIGITAL ORDER SCREEN CONTROL BOX	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
22542	1	MENU BOARD - DT PRE MENU SQUARE FRAME FREESTANDING - 29X61IN 735X1550MM - BLACK	SB	GC	
OTHER					
10020	1	DT WINDOW SHELF - 48IN 1205MM - SST	LL	LL	VENDOR: READY ACCESS
14103	1	BOLLARD NONILLUMINATED	LL	LL	FOUNDATIONS BY LL.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	GC	FOUNDATIONS BY GC AND CONDUITS BY LL.
18815	2	BIKE RACKS	LL	LL	FOUNDATIONS BY LL.
UMBRELLA					
12139	4	UMBRELLA - BASE 95LB 43KG - SILVER MT0021	SB	GC	
20073	4	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - GREEN CANVAS WITH WORDMARK F0056	SB	GC	

EXTERIOR SIGNAGE SCHEDULE - "S"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
SIGNAGE - DISK						
13163	3	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 48IN 1220MM	SB	GC		
X13162	1	SIGN - DISK SF NON- ILLUMINATED FLUSH MOUNTED EVOLVED - 36IN 915MM	SB	GC		
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14099	3	SIGN - DRIVE THRU ILLUMINATED ARROW SERIES FLUSH MOUNTED - RH - 48IN 1220MM	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
14106	1	CLEARANCE BAR	SB	GC		FOUNDATIONS BY GC.
14327	3	SIGN - DT DIRECTIONAL ILLUMINATED	SB	GC		FOUNDATIONS BY GC AND CONDUITS BY LL.
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		BOTTOM OF SIGN AT 8' - 6" A.F.F. VENDOR : HILTON
21297	2	SIGN - 5 MINUTE PARKING	SB	GC		FOOTING PROVIDED BY AND INSTALLED BY GC
21720	1	SIGN - MOBILE ORDER PICK UP SUSPENSION KIT	SB	GC		
SIGNAGE - WORDMARK						
18497	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 18IN 455MM	SB	GC		



1 1ST FLOOR - SITE PLAN (ELECTRICAL)
Scale: 1" = 20'-0"

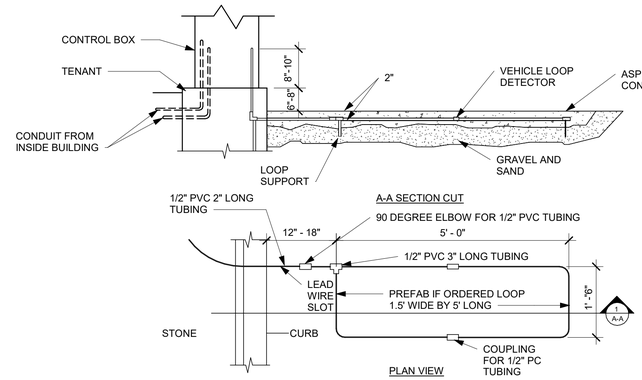
N

KEYED NOTES

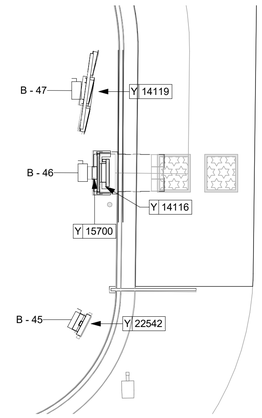
1. LOCATION OF EXISTING PAD MOUNT TRANSFORMER, BY LL.
2. LOCATION OF ELECTRIC METER AND CT CABINET, BY LL.
3. 1" CONDUIT FOR DRIVE THROUGH DIRECTIONAL SIGN, BY LL. PROVIDE (2) #10, (1) #10 GND, TO B-48. PROVIDE (2) #10, (1) #10 GND, TO B-49.
4. 1" CONDUIT FOR DIGITAL ORDER SCREEN, BY LL. PROVIDE (2) #10, (1) #10 GND, TO B-46.
5. 1" CONDUIT FOR MENU BOARD, BY LL. PROVIDE (2) #10, (1) #10 GND, TO B-47.
6. 1" CONDUIT FOR DETECTOR LOOP TO BE RAN UNDERGROUND, BY LL.
7. DATA FOR SPEAKER. RUN 1"C UNDERGROUND TO DATA RACK. BY LL.
8. AUDIO/VIDEO FOR SPEAKER POST AND DETECTOR LOOP WIRING TO BE RAN THROUGH 1"C, BY LL, UNDERGROUND INTO BUILDING AND THEN ROUTED TO DT POS AREA.
9. (2) 3" CONDUITS WITH (4)#3/0 FROM TRANSFORMER TO CT CABINET. SEE SINGLE-LINE DIAGRAM SHEET E601, BY LL.
10. DETECTOR LOOP TO BE CENTERED ON DT WINDOW/ ORDER SPEAKER. COORDINATE WITH GC. TO BE 2" BELOW DT LANE PAVEMENT. BY LL.
11. 1" CONDUIT FOR PRE-MENU BOARD BY LL. PROVIDE (2) #10, (1) #10 GND, TO B-45.
12. (3) 1" SPARE CONDUITS TO RUN THROUGH FOUNDATION WALL TO FRONT OF BUILDING. ALL CONDUITS TO BE TERMINATED ABOVE CEILING. VERIFY LOCATIONS FOR STUB UPS WITH TENANT REPRESENATIVE. BY LL.
13. (3) 1" SPARE CONDUITS TO RUN THROUGH FOUNDATION WALL TO REAR OF BUILDING. ALL CONDUITS TO BE TERMINATED ABOVE CEILING. VERIFY LOCATIONS FOR STUB UPS WITH TENANT REPRESENTATIVE. BY LL.
14. 1" CONDUIT FOR MONUMENT SIGN BY LL. WIRING BY LL.
15. EXISTING SITE LIGHTING AND WIRING BY LL.

GENERAL NOTES

A. REFER TO DATA DEVICE SCHEDULE FOR LOW VOLTAGE DEVICES.



2 DT SENSOR LOOP DETAIL
Scale: NTS



3 ENLARGED ELECTRICAL SITE PLAN
Scale: 1/8" = 1'-0"

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 040102 ENGINEER STEVEN P SCHAUB
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL SITE PLAN

SCALE: AS SHOWN

SHEET NUMBER:
E003

KITCHEN EQUIPMENT SCHEDULE

DESIGN ID	DESCRIPTION	VOLTAGE	WATTAGE	CIRCUIT BREAKER SIZE	PANEL	CIRCUIT NUMBER	WIRE SIZE
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	1	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	3	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	15	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	34	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	40	2#12, 1#12G, 3/4"C
10267	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	43	2#12, 1#12G, 3/4"C
10312	BREWER SOFT HEAT WARMING STAND	120V	90	20A	B	16	2#12, 1#12G, 3/4"C
10312	BREWER SOFT HEAT WARMING STAND	120V	90	20A	B	16	2#12, 1#12G, 3/4"C
10312	BREWER SOFT HEAT WARMING STAND	120V	90	20A	B	16	2#12, 1#12G, 3/4"C
10312	BREWER SOFT HEAT WARMING STAND	120V	90	20A	B	16	2#12, 1#12G, 3/4"C
10746	DUAL BREWER SOFT HEAT	208V	8200	50A	B	18,20	3#6, 1#10G, 3/4"C
10808	GRINDER	120V	1400	20A	B	19	2#12, 1#12G, 3/4C
10970	1 DOOR REACH-IN REFRIGERATOR	120V	1200	20A	A	39	2#12, 1#12G, 3/4C
11083	2 DOOR REACH-IN REFRIGERATOR	120V	1200	20A	A	35	2#12, 1#12G, 3/4"C
11083	2 DOOR REACH-IN REFRIGERATOR	120V	1200	20A	A	37	2#12, 1#12G, 3/4"C
20032	EIKON WARMING OVEN	208V	6000	30A	B	24,26	2#10, 1#10G, 3/4"C
20032	EIKON WARMING OVEN	208V	6000	30A	B	25,27	2#10, 1#10G, 3/4"C
12508	ON-COUNTER BLENDER	120V	1800	20A	B	4	2#12, 1#12G, 3/4"C
12508	ON-COUNTER BLENDER	120V	1800	20A	B	5	2#12, 1#12G, 3/4"C
12618	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	23	2#12, 1#12G, 3/4"C
12618	1 DOOR UNDERCOUNTER REFRIGERATOR	120V	500	20A	B	28	2#12, 1#12G, 3/4"C
13682	2 DOOR REACH-IN FREEZER	120V	1160	20A	A	40	2#12, 1#12G, 3/4"C
13682	2 DOOR REACH-IN FREEZER	120V	1160	20A	A	41	2#12, 1#12G, 3/4"C
15186	DISHWASHER	208V	6344	40A	A	31,33	3#8, 1#10G, 3/4"C
16238	ZEPHYR FOOD CASE	208V	1000	20A	B	29,31	2#12, 1#12G, 3/4"C
18846	ICE MACHINE	208V	3600	30A	A	36,38	2#10, 1#100G, 3/4"C
19559	NITROGEN GENERATOR	120V	500	20A	B	7	2#12, 1#12G, 3/4"C
19742	MASTRENA ESPRESSO MACHINE	208V	5800	50A	B	39,41	2#6, 1#10G, 3/4"C
19742	MASTRENA ESPRESSO MACHINE	208V	5800	50A	B	35,37	2#6, 1#10G, 3/4"C
20010	NITRO COOLER	120V	500	20A	B	8	2#12, 1#12G, 3/4"C

KEYED NOTES

1. SHOW WINDOW RECEPTACLE TO BE MOUNTED ABOVE WINDOWS.
2. EXTERIOR SIGNAGE. COORDINATE WITH SIGNAGE VENDOR/MANUFACTURER FOR CONNECTION AND POWER REQUIREMENTS. SEE ARCH PLANS FOR LOCATION. PROVIDE ALL PENETRATIONS AND CONNECTIONS, CONCEAL FROM VIEW. E.C. SHALL PROVIDE DISCONNECT SWITCH IF NOT PROVIDED PER CODE.
3. DUCT SMOKE DETECTOR. COORDINATE WITH MECHANICAL FOR QUANTITY AND HVAC INTERLOCK SHUT DOWN.
4. GFCI AND WP RECEPTACLE AT 18" AFF.
5. EXHAUST FAN. FAN TO RUN CONTINUOUSLY DURING OCCUPIED MODE. RUN THROUGH RESTROOM LIGHTING CONTROLS. COORDINATE WITH MECHANICAL.
6. FLOOR BOX (HUBBEL #S1CCFB OR EQUAL) WITH FLUSH FLOOR BOX COVER FOR WIRE MOLD AT COMMUNITY TABLE AND BANQUETTE. ROUTE FLEX CONDUIT TO CONNECTION POINT. SEE ARCH. DETAILS FOR LOCATION.
7. DT AIR CURTAIN BY LL.
8. DISH WASHER. E.C. SHALL PROVIDE 14-50R RECEPTACLE AND CORD @18" AFF.
9. MOUNT REFRIG./FREEZER RECEPTACLE AT 84" AFF.
10. ICE MACHINE WITH REMOTE CONDENSER (ON ROOF) COORDINATE WITH MANUFACTURER SPECS FOR REQUIREMENTS AND CONNECTION. PROVIDE A RECEPTACLE AT 72" AFF.
11. CO2 SENSOR AND ALARM. COORDINATE WITH MECHANICAL FOR POWER REQUIREMENTS.
12. THEROMSTAT AND SENSOR. PROVIDE JUNCTION BOX FOR CONNECTION.
13. TAMPER RESISTANT CONVENIENCE OUTLET AT 18" AFF.
14. POWER FOR WATER HEATER/FILTRATION SYSTEM. PROVIDE POWER FOR RECIRCULATION PUMP IN CEILING AS NEEDED AND TOGGLE SWITCH FOR DISCONNECTION MEANS. SEE INTERIOR DETAILS FOR MORE INFORMATION.
15. POWER AND DATA FOR FUTURE MENU BOARDS. RUN SIX ETHERNET CABLES ABOVE CEILING TO DATA RACK. PROVIDE 120V, 20A CIRCUIT FOR POWER. SEE BACKBAR MENU DETAIL FOR MORE INFORMATION.
16. POWER FOR RESTROOM HAND DRYERS. COORDINATE WITH MANUFACTURER SPECIFICATIONS AND INTERIOR ELEVATIONS.
17. POWER FOR BANQUETTE SEATING. COORDINATE WIRE REQUIREMENTS WITH MANUFACTURER.
18. 1" UNDERGROUND SCHED. 40PVC CONDUIT. ROUTE TO WALL AND TO ABOVE CEILING. CONDUIT AND WIRING TO BE PROVIDED BY E.C.
19. CO SENSOR AND ALARM. COORDINATE WITH MECHANICAL FOR POWER REQUIREMENTS.

GENERAL NOTES

A. REFER TO ELECTRICAL DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.

B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED FOR CODE. ALL ARE NOT NECESSARILY INDICATED.

C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.

D. ANY EQUIPMENT NOTED AS 'FUTURE' SHALL BE PROVIDED WITH APPROPRIATE RECEPTACLES AND WIRING TO ENABLE FUTURE OPERATION.

E. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.

F. EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.

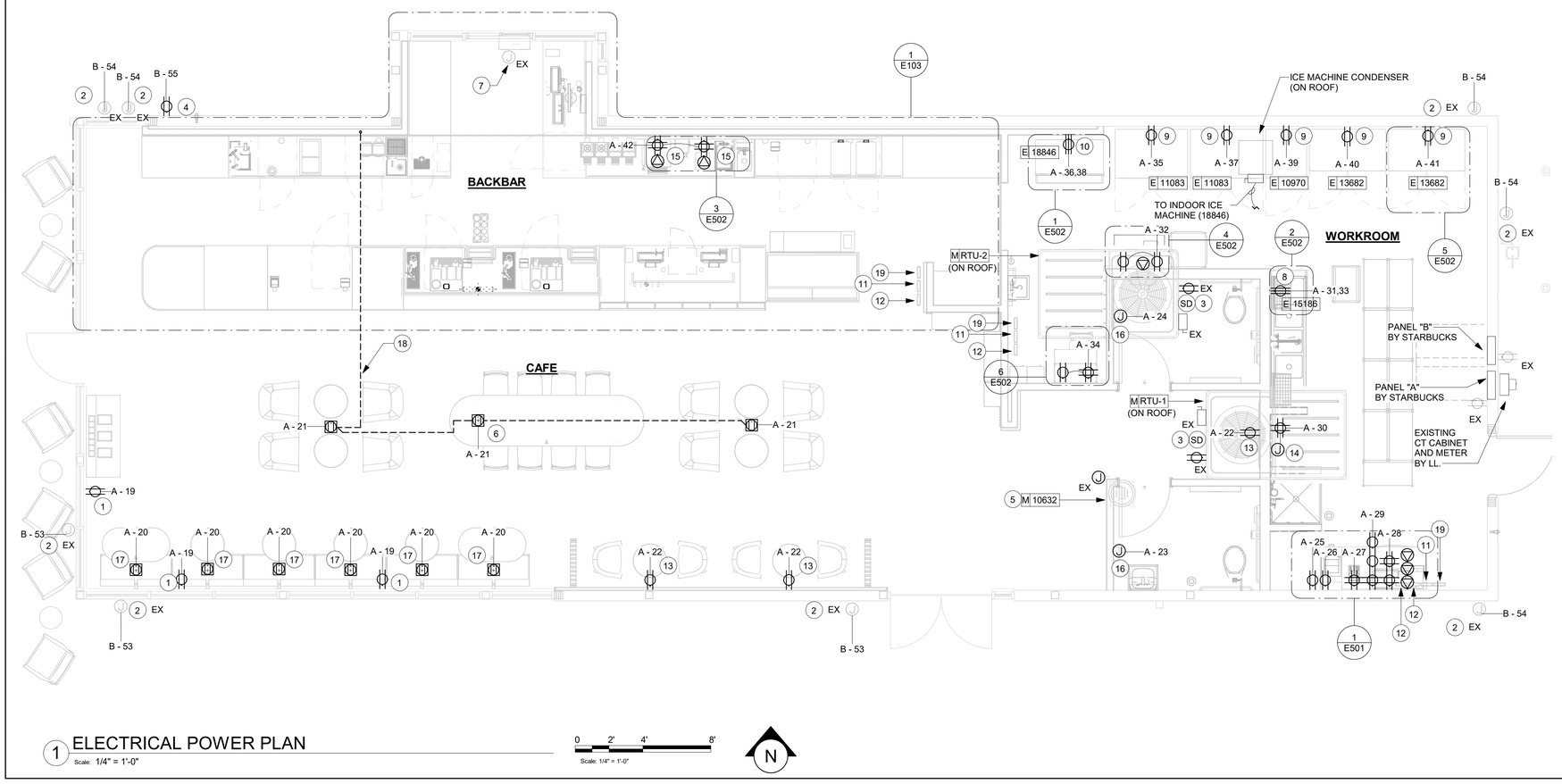
G. ALL FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND ONE (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.

H. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.

ELECTRICAL SCOPE OF WORK SUMMARY

THE FOLLOWING SCOPE OF WORK IS BASED ON THE LANDLORD'S WORK LETTER EXHIBIT C. THIS SCOPE OF WORK IS NOT INTENDED TO INDICATE THE FULL SCOPE, BUT ONLY A BROAD SUMMARY. THE GENERAL CONTRACTOR SHALL REFERENCE THE COMPLETE WORK LETTER FOR A MORE DETAILED DESCRIPTION OF WORK BY BOTH PARTIES. ANY QUESTIONS REGARDING SCOPE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. RESPONSIBILITY INDICATED BELOW MEANS FURNISHED, PERMITTED AND INSTALLED BY THE PARTY INDICATED.

WORK DESCRIPTION	RESPONSIBILITY	
	LANDLORD	STARBUCKS
MAIN BUILDING SERVICE AND POWER METER	X	
ELECTRICAL PANELS AND FEEDERS		X
TEMPORARY POWER	X	
ELECTRICAL PANEL BREAKERS		X
ABOVE FLOOR BRANCH CIRCUIT DISTRIBUTION		X
UNDER-FLOOR / SLAB POWER CONDUITS IN BUILDING (WIRING BY STARBUCKS)	X	
UNDERGROUND SITE CONDUITS FOR DT, SIGNS, MENU BOARD, DETECTOR LOOP & DCB (WIRING / CABLING BY STARBUCKS)	X	
SITE LIGHTING	X	
EXTERIOR BUILDING & PATIO LIGHTING	X	
DATA & PHONE SERVICE, DMARC & (2) 2" CONDUITS TO STARBUCKS SPACE	X	
DT WINDOW POWER	X	
DT WINDOW EXTERIOR LIGHTS (2 EACH)	X	
FIRE ALARM SYSTEM	X	



1 ELECTRICAL POWER PLAN
Scale: 1/4" = 1'-0"

0 2' 4' 8'
Scale: 1/4" = 1'-0"

N

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 040102 ENGINEER STEVEN P. SCHMUDE
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: POWER PLAN

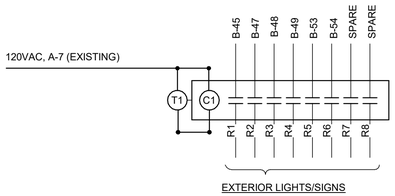
SCALE: AS SHOWN

SHEET NUMBER: E101

9/2/2021 9:06:55 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt

LIGHTING FIXTURE SCHEDULE - "L"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
ADDITIONAL LIGHTING EQUIP.						
CL1	1	CURRENT LIMITER FOR R SERIES TRACK - MINI END FEED COLOR TO MATCH TRACK	SB	GC		JUNO TCL1 1 AMP CURRENT LIMITER
CL4	1	CURRENT LIMITER FOR R SERIES TRACK - MINI END FEED COLOR TO MATCH TRACK	SB	GC		JUNO TCL4 4 AMP CURRENT LIMITER
EMS	1	VENSTAR EMS	SB	GC		SEE EMS SHEET FOR MORE INFORMATION
PP	2	100 WATT POWER PACK - VENDOR SPECIFIC	SB	GC		POWER PACK FOR LED STRIP LIGHTS
PP2	1	200 WATT POWER PACK - VENDOR SPECIFIC	SB	GC		POWER PACK FOR LED STRIP LIGHTS
EXIT						
19056	2	LED EMERGENCY LIGHT DOUBLE - WHITE	SB	GC	INTEGRATED LED	
19057	3	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
RECESSED CAN						
21771	41	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 800LM FLOOD	SB	GC	INTEGRATED LED	
21773	3	CAN - LED ADJUSTABLE RECESSED - 3IN 75MM - BLACK - 700LM WF	SB	GC	INTEGRATED LED	
21775	23	CAN - LED WALL WASH - 3IN 75MM - BLACK - 1000LM	SB	GC	INTEGRATED LED	
SCONCE						
20791	2	SCONCE - RBW PASTILLE VANITY - BLACK	SB	GC	INTEGRATED LED	
STRIP						
14410	8	STRIP - LED TAPE - VARIABLE LENGTH - 315LM PER FT	SB	GC	INTEGRATED LED	FIELD TRIMMABLE TO 6IN LENGTHS
TRACK						
12947	2	TRACK - WITH CONNECTORS - 8FT 244CM - BLACK - 1 CIRCUIT	SB	GC		
12948	5	TRACK - WITH CONNECTORS - 16FT 488CM - BLACK - 1 CIRCUIT	SB	GC		
12949	2	TRACK - WITH CONNECTORS - 12FT 365CM - BLACK - 1 CIRCUIT	SB	GC		
21777	7	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM SPOT	SB	GC	INTEGRATED LED	
21779	30	TRACK - LED FIXTURE WITH SNOOT - 3IN 75MM - BLACK - 1100LM FLOOD	SB	GC	INTEGRATED LED	
TROFFER						
21783	10	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4300LM	SB	GC	INTEGRATED LED	



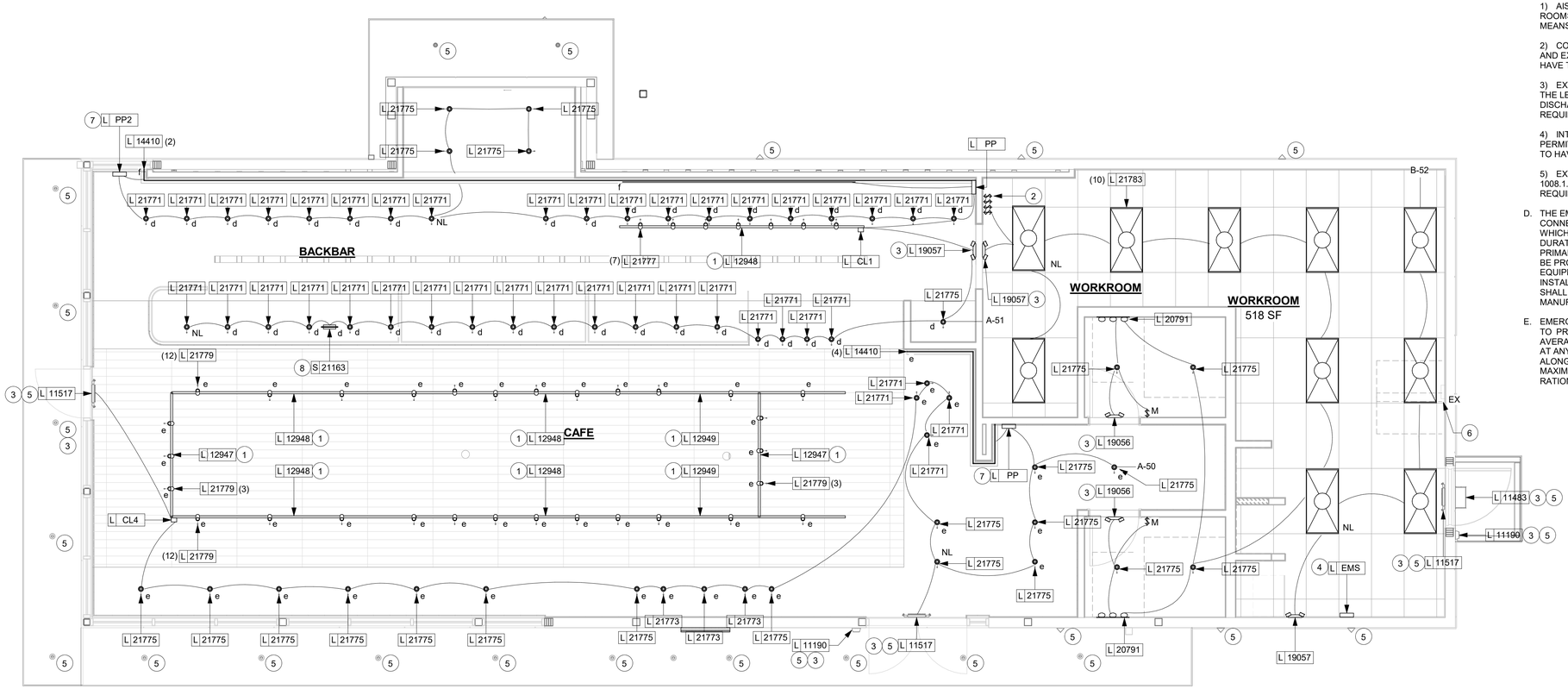
T1 - TORK #7200Z - ASTRONOMIC TIMECLOCK CONTROL: PROGRAM TO TURN ON AT 4:50 AM & OFF AT 1:00 AM (COORDINATE TIMES WITH STARBUCKS) & WITH ASTRONOMIC CONTROL TO TURN SIGNAGE OFF DURING DAYLIGHT AND ON AT DUSK .

(DIMMER SWITCHBANK) LUTRON MODEL #NT-600 DIMMER SWITCHES

(d) BAR	(f) BAR TAPE
(e) CAFE	(NL) NIGHT LIGHT 24HRS/ DAY

2 LIGHTING CONTROL DETAILS

Scale: 12" = 1'-0"



1 REFLECTED CEILING PLAN

Scale: 1/4" = 1'-0"

N

KEYED NOTES

1. SURFACE-MOUNT TRACK DIRECTLY TO SOFFIT.
2. LOCATION OF SWITCHBANK. SEE DETAIL THIS SHEET FOR MORE INFORMATION.
3. ALL EMERGENCY LIGHTS TO BE WIRED AHEAD OF ANY CONTROLS.
4. LOCATION OF VENSTAR EMS SYSTEM. ALL LIGHTING CIRCUITS TO RUN THROUGH EMS LCP. E.C. SHALL COORDINATE INSTALLATION REQUIREMENTS WITH VENSTAR SPECIFICATIONS.
5. EXISTING LIGHTING BY LL.
6. ASTRONOMIC TIME CLOCK. SEE DETAIL THIS SHEET FOR MORE INFORMATION. VERIFY IN FIELD.
7. POWER PACK FOR COVE LED LIGHTING. E.C. SHALL COORDINATE WITH MANUFACTURER SPECIFICATIONS FOR INSTALLATION REQUIREMENTS. VERIFY LOCATION IN FIELD.
8. MOP SIGN TO BE POWERED AND CONTROLLED WITH BAR LIGHTING CIRCUIT.

GENERAL NOTES

A. ALL FIXTURES IN WORK ROOM, BACK AND FRONT LINE, ABOVE CONDIMENT CART, AND ANY OTHER AREAS WHERE EXPOSED FOOD, CLEAN EQUIPMENT OR UTENSILS, OR UNWRAPPED SINGLE SERVICE ITEMS WILL BE EXPOSED, SHALL HAVE SHATTERPROOF LAMPS IF THE FIXTURE IS NOT LENSED. ARCHITECT OF RECORD TO INCLUDE APPROPRIATE LAMPS / FIXTURES ON DRAWINGS AND SCHEDULES, AND COMPLY WITH ANY ADDITIONAL JURISDICTIONAL LIGHTING REQUIREMENT.

B. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.

C. CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED.

D. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS. COORDINATE AIMING WITH OWNER.

E. IF PENDANT CYLINDERS SUSPENDED LENGTH EXCEEDS 48" (1220MM) FROM CEILING, REPLACE WITH SURFACE MOUNTED CYLINDER CANS AND SUSPEND WITH GENERAL CONTRACTOR SUPPLIED CONDUIT AND J-BOX TO INDICATED HEIGHT.

EGRESS LIGHTING NOTES

A. EXIT SIGNS SHALL BE INTERNALLY ILLUMINATED, LISTED AND LABELED IN ACCORDANCE WITH UL 924 AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

B. ANYTIME A BUILDING OR A PORTION OF A BUILDING IS OCCUPIED, THE MEANS OF EGRESS SERVING THE OCCUPIED PORTION SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. (1006)

C. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL BE PROVIDED BY THE PREMISE'S ELECTRICAL SUPPLY, IN THE EVENT OF POWER SUPPLY FAILURE, ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM FOR THE FOLLOWING AREAS. (1006.3):

1) AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.

2) CORRIDORS, INTERIOR EXIT STAIRWAYS & RAMPS AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

3) EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

4) INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1027.1 IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

5) EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1008.1.6 EXIT DISCHARGE DOORWAYS IN BUILDING REQUIRED TO HAVE TWO OR MORE EXITS.

D. THE EMERGENCY POWER SYSTEM SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM WHICH IS TO PROVIDE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 1 1/2 HOUR IN CASE OF PRIMARY POWER LOSS. CONTINUED ILLUMINATION IS TO BE PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR AND THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

E. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT CANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOT CANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. A MAXIMUM TO MINIMUM ILLUMINATION UNIFORMITY RATION OF 40:1 SHALL NOT BE EXCEEDED. (1008.1.9.3)

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(206) 318-1575

STARBUCKS TEMPLATE VERSION: i2021-01-22

GPD Engineering and Architecture
Professional Corporation - C3879

520 SOUTH MAIN ST, SUITE 2531
AKRON, OH 44311
P: 330-572-2100 F: 330-572-2101

GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 040102 ENGINEER STEVEN P. SCHAUB

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE: LIGHTING PLAN

SCALE: AS SHOWN

SHEET NUMBER: E102

KEYED NOTES

1. NEMA 6-30R RECEPTACLE AT 26" AFF FOR WARMING OVENS.
2. RECEPTACLE AT 26" AFF FOR UNDERCOUNTER REFRIGERATOR.
3. RECEPTACLE AT 26" AFF FOR CUP LABELER/GENERAL USE.
4. RECEPTACLE AT 26" AFF FOR GRINDER AND SCALE.
5. NEMA 6-50R RECEPTACLE AT 26" AFF FOR TWIN BREWER.
6. RECEPTACLE AT 26" AFF FOR BREWER WARMERS.
7. RECEPTACLE AT 26" AFF FOR INSTA HOT TAP.
8. RECEPTACLE AT 26" AFF FOR FUTURE/GENERAL USE.
9. RECEPTACLE AT 26" AFF FOR TICKET PRINTER.
10. RECEPTACLE AT 26" AFF FOR BLENDERS.
11. RECEPTACLE AT 26" AFF FOR NITRO FRIDGE AND GENERATOR.
12. RECEPTACLE AT 26" AFF FOR RINSE SINK.
13. LOCATION OF STUB UP PENETRATION AREA.
14. 6-50R RECEPTACLE AT 26" AFF FOR ESPRESSO MACHINE.
15. RECEPTACLE AT 26" AFF FOR UNDERCOUNTER REFRIGERATOR/HOT TAP
16. RECEPTACLE AT 18" AFF FOR POS.
17. POWER FOR CASE/FOOD LIGHT.
18. RECEPTACLES/DATA AT VARYING HEIGHTS SEE ELEVATION DETAIL E-501.
19. DATA AT 26" AFF. (TYP)
20. DATA AT 18" AFF.
21. RECEPTACLES FOR CAFE TO BE BLACK. RECEPTACLES FOR WORKROOM TO BE WHITE WITH STAINLESS STEEL COVER PLATES.

GENERAL NOTES

A. REFER TO ELECTRICAL DETAIL SHEET FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.

B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED FOR CODE. ALL ARE NOT NECESSARILY INDICATED.

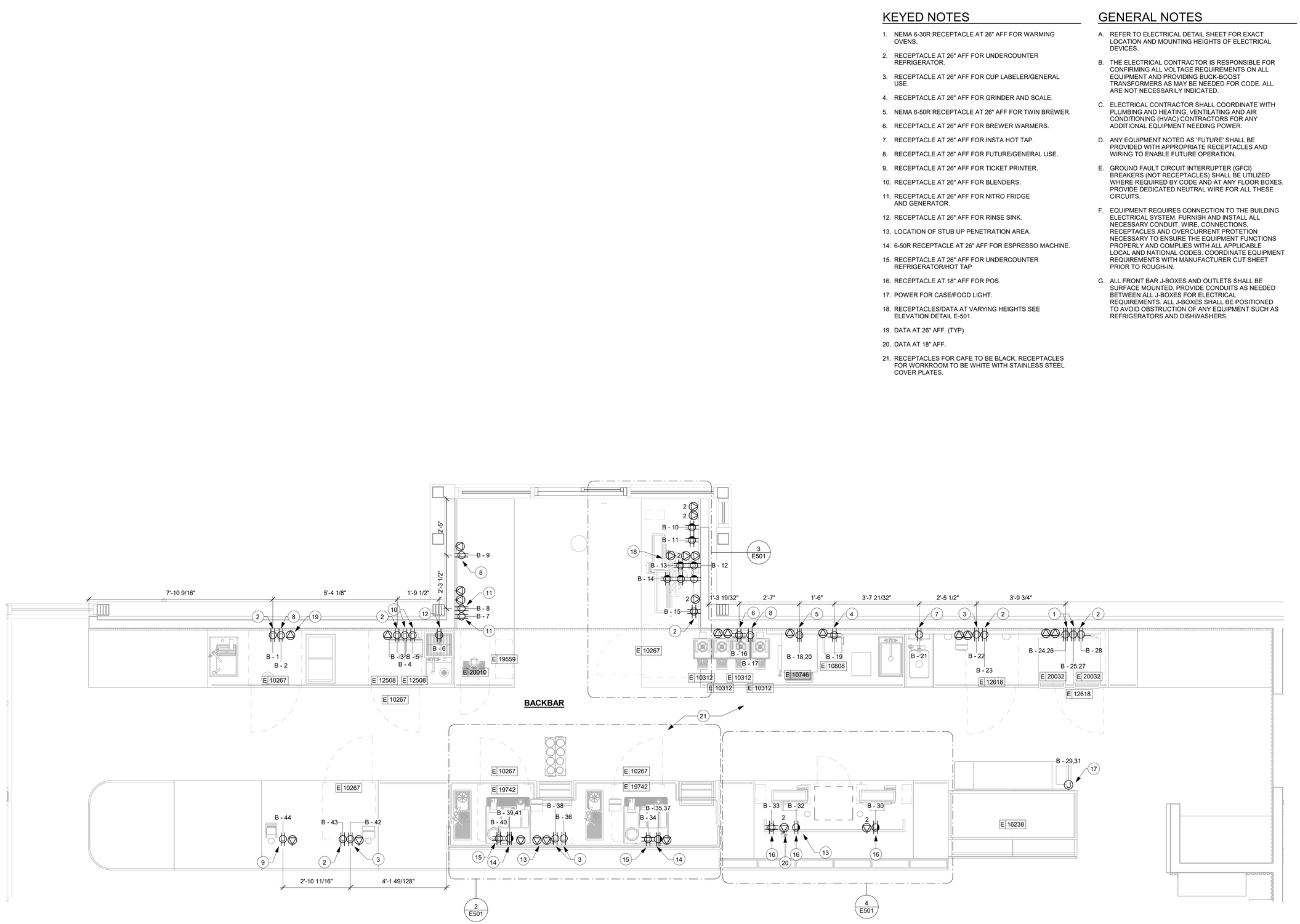
C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.

D. ANY EQUIPMENT NOTED AS 'FUTURE' SHALL BE PROVIDED WITH APPROPRIATE RECEPTACLES AND WIRING TO ENABLE FUTURE OPERATION.

E. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.

F. EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTETION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.

G. ALL FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED BETWEEN ALL J-BOXES FOR ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.



1 POWER PLAN (ENLARGED)
Scale: 1/2" = 1'-0"

0 1' 2' 4'
Scale: 1/2" = 1'-0"

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PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ENLARGED ELECTRICAL PLACEMENT PLAN
SCALE: AS SHOWN

SHEET NUMBER:
E103

DATA DEVICE SCHEDULE - "A"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	GC	
10010	1	DT ORDER MONITOR	SB	SB	
10012	1	DT COMMUNICATION SYSTEM	SB	SB	
10013	5	DT QUEUE CAMERA	SB	SB	
10015	3	SPEAKER RECESSED - WHITE	SB	GC	
10017	2	SPEAKER SURFACE MOUNTED	SB	GC	
12336	1	DT TIMER SYSTEM	SB	SB	
14676	1	DT POS MONITOR ARM DOUBLE SURFACE MOUNTED	SB	SB	
19339	1	AMPLIFIER - 40W	SB	GC	
DATA					
10002	1	COMPUTER MANAGER WORKSTATION	SB	SB	
10007	1	PRINTER MANAGER WORKSTATION	SB	SB	
20294	4	IOT MODULE	SB	SB	
POINT OF SALE					
10008	2	POS - REGISTER WITH COMPACT CASH DRAWER	SB	SB	
10014	4	POS PRINTER	SB	SB	
10022	1	MONEY COUNTER	SB	SB	
10029	6	POS BANK	SB	GC	
10075	4	CUP LABELER	SB	SB	
14677	1	POS - DT TENDERING REGISTER	SB	SB	PART OF RETAIL IT EQUIPMENT PACKAGE
14678	1	POS - DT EXPEDITOR	SB	SB	PART OF RETAIL IT EQUIPMENT PACKAGE
SECURITY					
10024	1	SAFE LH - 20X18X26IN 510X455X660MM	SB	SB	
10028	1	SAFE BASE	SB	SB	

1 DATA DEVICE PLAN
Scale: 1/4" = 1'-0"

KEYED NOTES

SOUND SYSTEM

1. RECESSED SPEAKER: COLOR TO BE BLACK OR PAINT TO MATCH ADJACENT FINISH.
2. WALL MOUNT SPEAKERS: MOUNT AT 12' (3660MM) A.F.F. OR AS CEILING HEIGHT PERMITS. COLOR TO BE BLACK OR PAINT TO MATCH ADJACENT FINISH.
3. AMPLIFIER: LOCATE ON SHELVING ABOVE MANAGER'S WORKSTATION.

DATA & PHONE

4. DEMARC 1 & 2 CABLES: TERMINATE AND LABEL BOTH ENDS TO JACKS IN SMB (SURFACE MOUNT BOX). EXTEND CABLES TO DEMARCATION POINT OR IF NOT DEMARC PRESENT, COIL 10' (3050MM) SERVICE LOOP ABOVE CEILING FOR FUTURE CONNECTION.
5. PATCH PANEL (DATA RACK): CHECK INSTALL GUIDE FOR SPECIFICS ON CABLING AND LOCATION.
6. DRIVE THRU CABLE (SHIELDED 20 GA 4 CONDUCTOR): MICROPHONE AND SPEAKER CABLES - CABLES SERVICE LOOPED IN DATA BOX ABOVE HIGHEST SHELF OR ABOVE CEILING AND RUN FROM THIS LOCATION TO DT LANE OUTSIDE OF BUILDING (SEE SITE PLAN FOR MORE INFORMATION).
7. DRIVE THRU CABLES (CAT6 BURIAL GRADE): CABLES FOR DIGITAL ORDER SCREEN, CAMERA AND SPARE LOCATED BELOW COUNTER AND RUN FROM THIS LOCATION TO DRIVE THRU LANE OUTSIDE OF BUILDING. SEE SITE PLAN FOR MORE INFORMATION.
8. CUP LABELERS.

SECURITY

9. SECURITY CAMERA: CEILING MOUNT TYPICAL IN OPEN CEILING CONDITION. LOCATE B.O. CAMERA AT SAME HEIGHT AS STORE LIGHTING.
10. DRIVE THRU CAMERA: LOCATE 6' (1830MM) TO 8' (2440MM) FROM WINDOW WITH CLEAR VIEW OF CUSTOMER AND DT POS.
11. PIR MOTION DETECTOR REQUIRED PER STORE:
    (1) BEHIND BAR NEAR POS
    (1) CENTRALLY LOCATED IN CAFE
    (1) AT MANAGER'S WORKSTATION
    (1) CENTRALLY LOCATED IN BOH
12. ALARM KEYPAD: LOCATED WITHIN 10' (3050MM) OF EMPLOYEE ENTRANCE, MOUNTED AT 3'-6" (1070MM) A.F.F.
13. DOOR POSITION SWITCH: LOCATE (1) AT EACH DOOR LEAF.
14. LOCATE SECURITY HEAD UNIT AT MANAGER'S WORKSTATION.

GENERAL NOTES

MUSIC SYSTEM

A. THE GENERAL CONTRACTOR SHALL INSTALL SPEAKERS AND WIRING PER VENDOR'S DRAWINGS.

B. THE GENERAL CONTRACTOR SHALL INSTALL THE MUSIC SYSTEM, CONNECT WIRING AND TEST..

C. SPEAKER PLACEMENT: LOCATE (1) PER 250 S.F. (23 S.M.) OF CAFE SPACE AT 14' (4270MM) MIN. TO 18' (5490MM) MAX. O.C.

D. SPEAKER PAINTING: SPEAKER GRILLS CAN BE PAINTED.
NOTE: ALL GRILL HOLES SHALL REMAIN OPEN.

LOW VOLTAGE CABLING

E. G.C. TO PROVIDE PATHWAYS FOR ALL DATA AND LOW VOLTAGE CABLING DEVICES. CONDUITS CONTAINING MULTIPLE CABLES SHALL BE UPSIZED FOR FUTURE CAPACITY (1" (25MM) TYPICAL).

F. PROVIDE LABELED END-TO-END PULL STRINGS RATED TO 25 LBS (11.33 KG) IN ALL CONDUITS.

G. CONDUIT BEND RADIUS SHALL BE A MINIMUM OF 5X THE CONDUIT'S INTERNAL DIAMETER.

H. TERMINATE CONDUITS THAT EXTEND THROUGH SLAB AT A MINIMUM OF 3" (76MM).

I. FLEX CONDUIT IS GENERALLY UNACCEPTABLE FOR USE AS A COMMUNICATIONS CONDUIT **EXCEPT** AT SEISMIC JOINTS.

J. ALL SUB-SLAB CONDUITS SHALL BE INSTALLED IN A MANNER THAT PREVENTS WATER INFILTRATION OF THE CONDUIT. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE RAIN WATER OR CONSTRUCTION WATER IS PREVENTED FORM ENTERING AND/OR REMOVED FROM CONDUIT PRIOR TO PLACEMENT OF CABLES.

K. ALL PULL BOXES SHALL BE SIZED AND INSTALLED PER ANSI/TIA/EIA-569-A. PULL BOXES FOR UNDERGROUND CONDUITS ARE NOT PERMITTED UNLESS OTHERWISE NOTES.

BROADBAND CABLE

L. MAIN POINT OF ENTRY: GENERAL CONTRACTOR TO PROVIDE 2" (50MM) MINIMUM CONDUIT PATH FROM THE BUILDING'S MAIN POINT OF ENTRY (MPOE) TO THE CEILING ABOVE THE MANAGER'S WORKSTATION. THE INTERNET SERVICE PROVIDER (ISP) WILL DESIGNATE THE START AND END LOCATIONS FOR THE CONDUIT AND ANY BACKBOARD, GROUNDING AND POWER REQUIREMENTS.

SECURITY

M. ENTRY CAMERA: CAPTURE ENTIRE DOORWAY AND CUSTOMER TOP OF HEAD TO KNEES. PROVIDE (1) CAMERA AT EACH POINT OF ENTRY.

N. POS CAMERA: PRIMARY OBJECTIVE IS CUSTOMER. SECONDARY IS POS. IDEAL PLACEMENT IS TO CAPTURE BOTH.

O. SAFE CAMERA: POSITION TO VIEW FROM HANDLE SIDE OF DOOR. POS CAMERA CAN BE USED WHEN SAFE IS LOCATED BELOW TERMINALS.

P. DRIVE THRU CAMERA: PRIMARY OBJECT IS CUSTOMER. SECONDARY IS POS. IDEAL PLACEMENT IS TO CAPTURE BOTH.

Q. BOH CAMERA: CAPTURE CASH HANDLING AREA.

R. CARBON MONOXIDE: PROVIDE (1) MINIMUM CARBON MONOXIDE (CO) DETECTOR LOCATED IN THE BACK OF HOUSE. PROVIDE SECOND DETECTOR IN CAFE AREA IF SPACE INCLUDES A FIREPLACE.

LOW VOLTAGE ELECTRICAL SYMBOLS LEGEND

- (CO) CARBON MONOXIDE DETECTOR
- WIRELESS DOOR POSITION SWITCH
- [S] SECURITY KEY PAD
- (M) WIRELESS PIR MOTION SENSOR
- [LEC] LOCAL EXCHANGE CARRIER (DEMARCATION POINT)
- WI-FI ACCESS POINT

DATA PORT RECEPTACLE KEY

+ [HEIGHT A.F.F.] PORT NAME

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Revision Schedule

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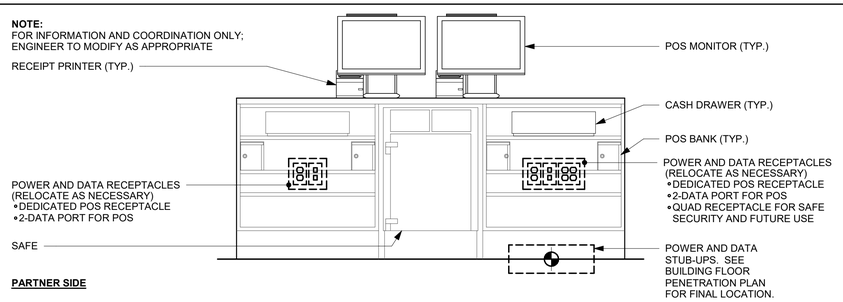
SHEET TITLE:
DATA DEVICE PLAN

SCALE: AS SHOWN

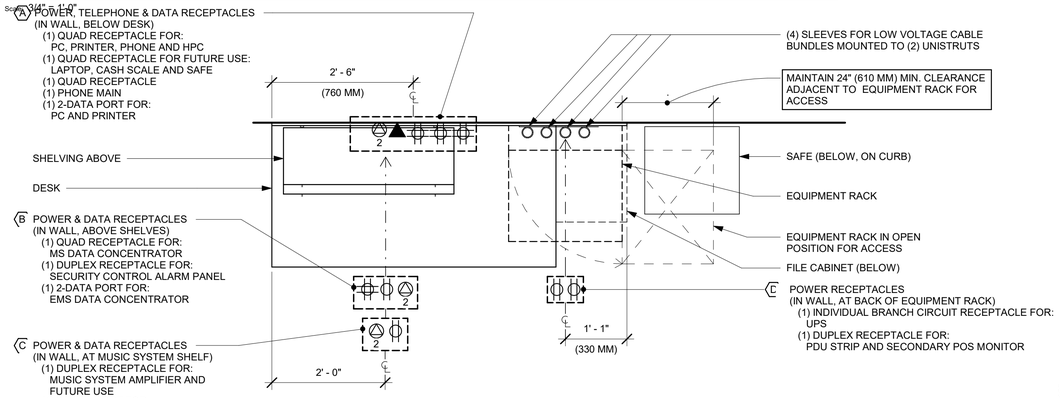
SHEET NUMBER:
E104

9/2/2021 9:07:11 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



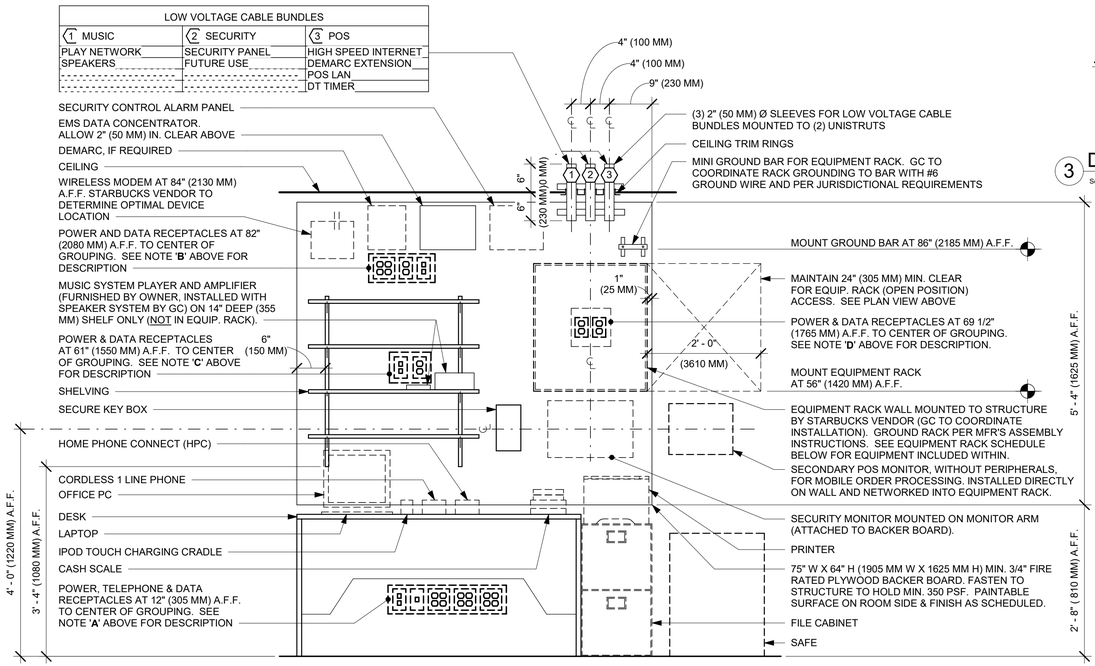
4 GENERIC DOUBLE POS MEP DIAGRAM

Scale: 3/4" = 1'-0"



PLAN VIEW

LOW VOLTAGE CABLE BUNDLES		
1 MUSIC	2 SECURITY	3 POS
PLAY NETWORK	SECURITY PANEL	HIGH SPEED INTERNET
SPEAKERS	FUTURE USE	DEMARC EXTENSION
		POS LAN
		DT TIMER



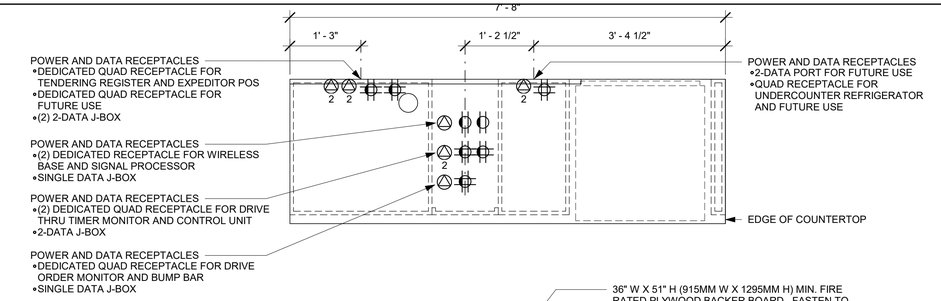
ELEVATION VIEW

NOTES: 1. EQUIPMENT SHOWN AS DASHED LINES IS TO BE FURNISHED AND INSTALLED BY OWNER UNLESS NOTED OTHERWISE.
2. THIS DETAIL APPLIES ONLY TO PICK-UP STORES.

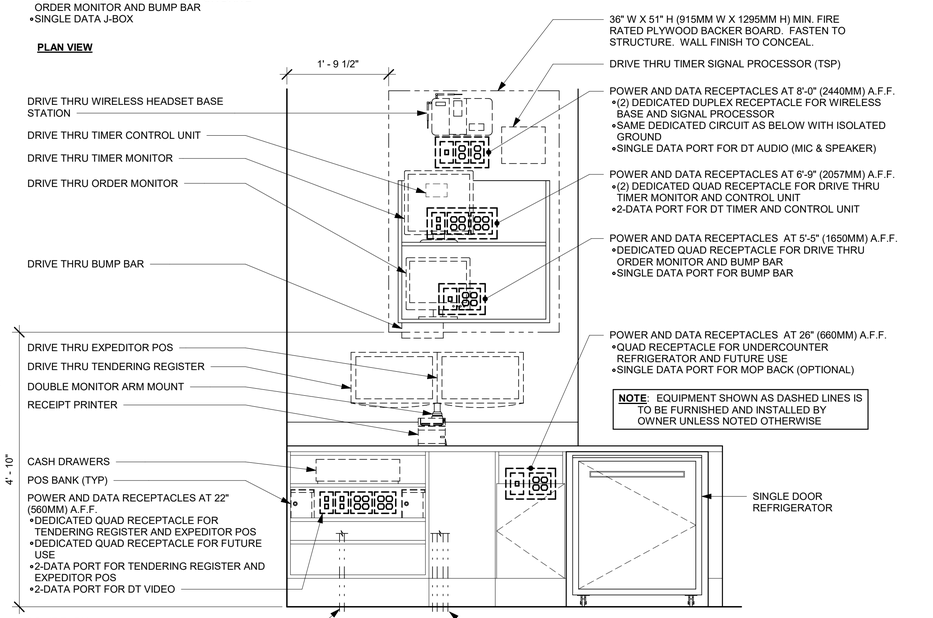
EQUIPMENT RACK SCHEDULE		
UPS	NETWORK SWITCH	SECURITY RECORDER (NVR)
IPS EQUIPMENT	PATCH PANEL	SECURITY KEYBOARD
ROUTER	PRODUCTION CONTROLLER DEVICES	
POS MONITOR		

1 MANAGERS DESK, EQUIPMENT RACK RIGHT - ELECTRICAL

Scale: 3/4" = 1'-0"



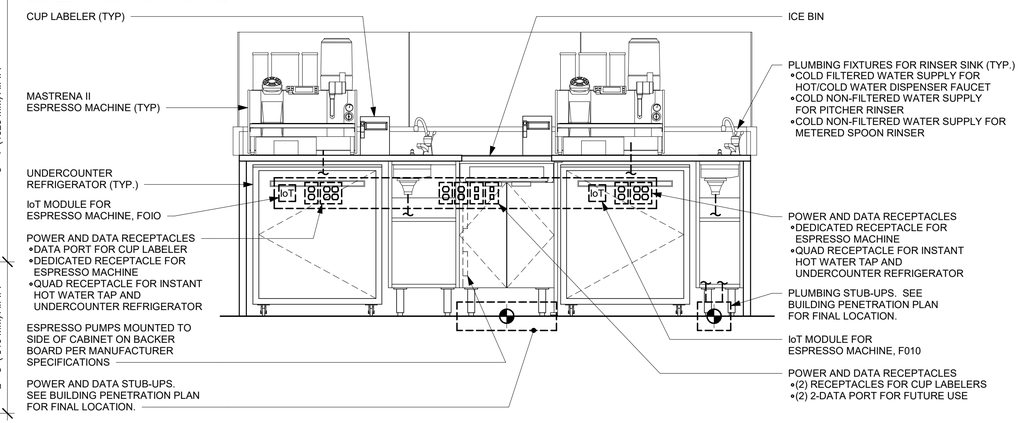
PLAN VIEW



ELEVATION VIEW

3 DTP 01-01 ELECTRICAL

Scale: 3/4" = 1'-0"



PARTNER SIDE

NOTE: THIS GENERIC MEP DIAGRAM APPLIES TO "METRO BAR" WORKSTATIONS: ESP 07-02 | ESP 08-02 | ESP 09-02 | ESP 10-01 | ESP 11-01

2 GENERIC METRO BAR (MASTRENA II) MEP DIAGRAM

Scale: 3/4" = 1'-0"

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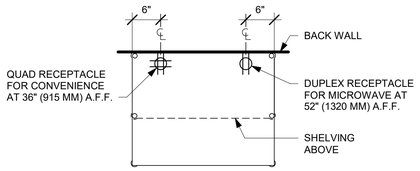
Revision Schedule

Rev	Date	By	Description

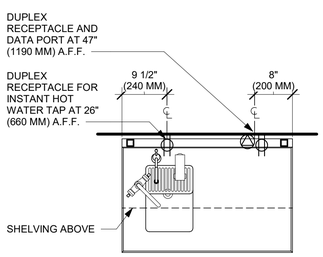
SHEET TITLE:
ELECTRICAL DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
E501



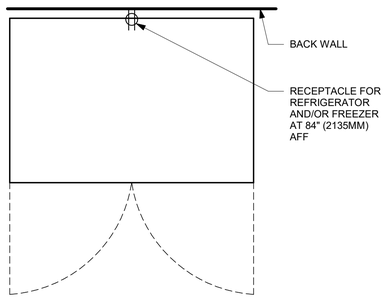
6 PARTNER DESK - ELECTRICAL

Scale: 3/4" = 1'-0"



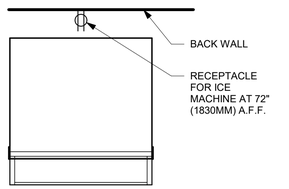
4 WATER FILLING STATION - ELECTRICAL

Scale: 3/4" = 1'-0"



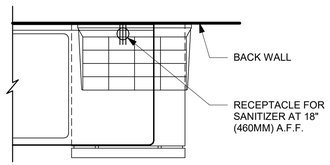
5 REFRIGERATOR/FREEZER - ELECTRICAL

Scale: 3/4" = 1'-0"



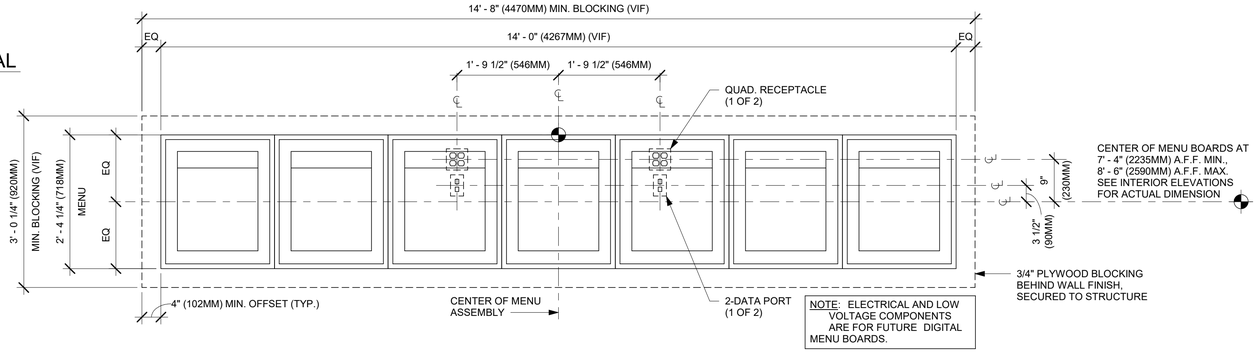
1 ICE MACHINE - ELECTRICAL

Scale: 3/4" = 1'-0"



2 SANITIZING WORKSTATION - ELECTRICAL

Scale: 3/4" = 1'-0"



3 INFRASTRUCTURE FOR FUTURE DIGITAL MENU BOARDS

Scale: 3/4" = 1'-0"

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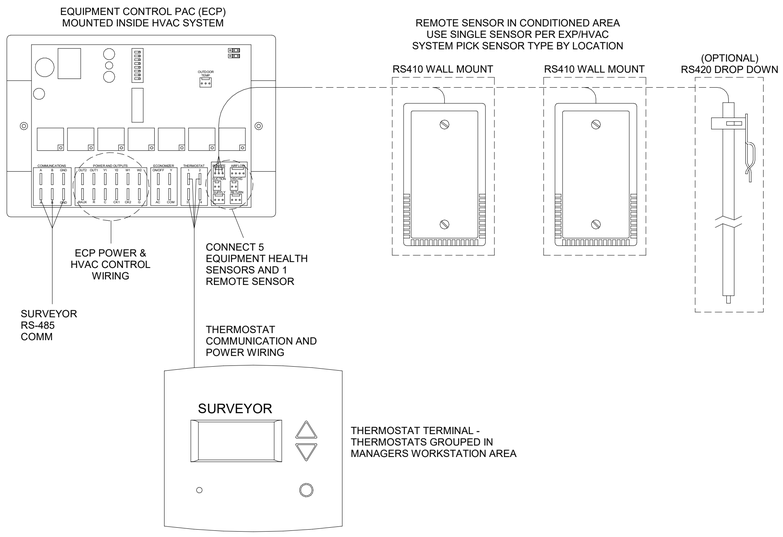
Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL DETAILS

SCALE: AS SHOWN

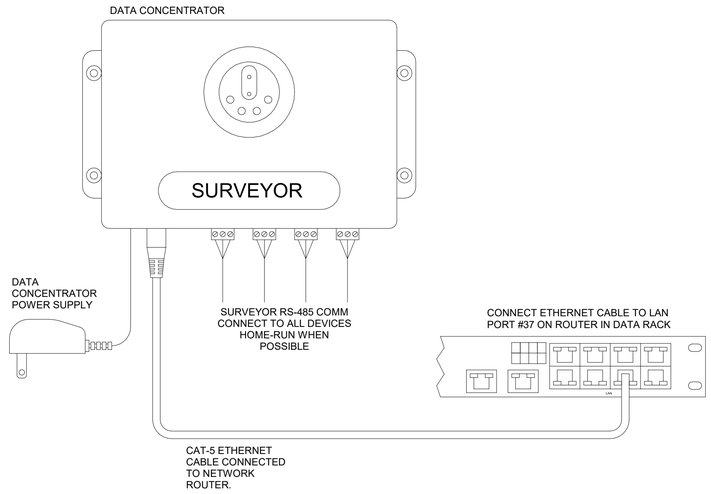
SHEET NUMBER:
E502



NOTES:
1. OUTDOOR TEMPERATURE SENSOR CONNECTED TO ONE ECP ONLY PER LOCATION. FACE NORTH WHEN POSSIBLE.
2. SEE GENERAL NOTES 7 AND 8 FOR REMOTE SENSOR MOUNTING LOCATION DETAILS.

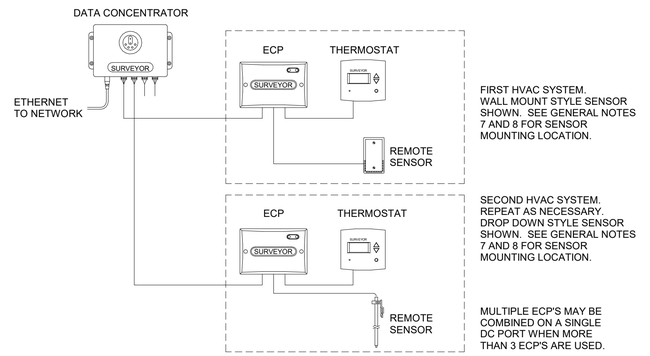
3 Venstar EMS - No Lighting Control - HVAC Controls

Scale: N.T.S



2 Venstar EMS - No Lighting Control - Data Concentrator

Scale: N.T.S



1 Venstar EMS - No Lighting Control - Basic Low Voltage Wire Runs

Scale: N.T.S

GENERAL NOTES

1. SURVEYOR ENERGY MANAGEMENT SYSTEM HARDWARE IS SUPPLIED BY STARBUCKS.
2. DRAWING FOR GENERAL INFORMATION, DESIGN INTENT, AND COORDINATION ONLY.
3. LOCAL BUILDING CODES TAKE PRECEDENCE OVER THIS DOCUMENT.
4. NOT ALL WIRING IS SHOWN ON THIS DRAWING. FOR CLARITY, ONLY ONE EXAMPLE OF EACH TYPE OF DEVICE IS SHOWN.
5. REFER TO THE SURVEYOR INSTALLATION INSTRUCTIONS FOR EACH COMPONENT FOR DETAILED WIRING AND ADDITIONAL CRITICAL INFORMATION.
6. CAUTION! INSTALLATION REQUIRES THE REMOVAL OF SAFETY COVERS AND EXPOSE THE INSTALLER TO HIGH VOLTAGE AND ELECTRICAL HAZARDS. USE OF A LICENSED ELECTRICIAN IS REQUIRED. FOLLOW ALL APPROPRIATE SAFETY PRECAUTIONS. ADDITIONAL SAFETY INFORMATION IS IN THE SURVEYOR INSTALLATION MANUALS.
7. WALL MOUNTED REMOTE SENSOR IS MOUNTED ON WALL 4 TO 5 FT AFF. AVOID AREAS WITH DIRECT AIRFLOW FROM SUPPLY REGISTERS.
8. USE A DROP DOWN SENSOR IF A WALL MOUNT SENSOR CANNOT BE INSTALLED DUE TO SPACE CONSTRAINTS (SEE NOTE 7 FOR REQUIREMENTS). THE SENSOR CLIPS TO THE T-BAR GRID AND ADJUSTED SO THE BOTTOM OF THE SENSOR IS 8 TO 9 FT AFF. ALLOW 2 FT OF CLEARANCE FROM METRO SHELVING AND AVOID AREAS WITH DIRECT AIRFLOW FROM SUPPLY REGISTERS.
9. FOR SURVEYOR EMS TECHNICAL SUPPORT AND SYSTEM COMMISSIONING, CONTACT SURVEYOR TECHNICAL SUPPORT, (855) 647-7660, OPTION 1 OR EMAIL INSTALLSUPPORT@VENSTAR.COM. HOURS 6:00 AM TO 8:00 PM PACIFIC, MON-FRI.

SURVEYOR EMS COMPONENTS

	VENSTAR PART	SBUX ITEM #	DESCRIPTION	QUANTITY
	DC400	011029485	DATA CONCENTRATOR	1
	OTS400	011029487	OUTDOOR TEMPERATURE SENSOR	1
	ECP400	011029489	EQUIPMENT CONTROL PAC	1 PER HVAC
	CT414	011029490	COMMUNICATING THERMOSTAT	1 PER HVAC
	SP400	011029491	SENSOR PAC	1 PER HVAC
	RS410	011029492	WALL MOUNT REMOTE SENSOR	1 PER FOH HVAC
OPTIONAL →	RS420	011050767	NARROW DROP DOWN SENSOR	1 PER BOH HVAC

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GPD Engineering and Architecture
Professional Corporation - C3879

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 040102 ENGINEER STEVEN P. SCHAUB
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
GENERAL ELECTRICAL - EMS, NO LIGHTING
SCALE: AS SHOWN

SHEET NUMBER:
E513

Branch Panel: A (BY STARBUCKS)

Location: WORKROOM 41
Supply From: CT CAB/METER
Mounting: RECESSED
Enclosure: NEMA-1

Volts: 120/208
Phases: 3
Wires: 4

A.I.C. Rating: 42K (SEE NOTE)
Mains Type: MCB
Mains Rating: 400 A
MCB Rating: 400 A

Notes:
PANEL WITH FEED-THRU LUGS TO SERVE FUTURE PANEL

NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES
	1	EXISTING AIR CURTAIN	20 A	1	3 VA 154 VA			1	20 A	EXISTING CANOPY LIGHTS	2	
	3	EXISTING EF-1	20 A	1		180 VA 262 VA		1	20 A	EXISTING EXTERIOR BLDG. LIGHTS	4	
	5	EXISTING EMERGENCY LIGHTS	20 A	1			30 VA 120 VA	1	20 A	EXISTING INTERIOR LIGHTS	6	
	7	EXISTING TIME CLOCK	20 A	1	200 VA 450 VA			1	20 A	EXISTING PARKING LOT LIGHTING	8	
	9	EXISTING PARKING LOT LIGHTING	20 A	1		360 VA 360 VA		1	20 A	EXISTING RTU- RECEPTACLES	10	
	11	EXISTING RECEPTACLES	20 A	1			360 VA 5760...	3	60 A	EXISTING RTU-2	12	
	13	EXISTING RTU-1	60 A	3	5760... 5760...			--	--	--	14	
	15	--	--	--		5760... 5760...		--	--	--	16	
	17	--	--	--			5760... 180 VA	1	20 A	EXISTING MONUMENT SIGN	18	
	19	SHOW WINDOW RECEPS	20 A	1	540 VA 1080...			1	20 A	FLOOR BOX BANQUETTE (6)	20	
	21	FLOOR BOX BANQUETTE/CONV. (3)	20 A	1		540 VA 540 VA		1	20 A	CAFE RECEPS	22	
	23	HAND DRYER	20 A	1			180 VA 180 VA	1	20 A	HAND DRYER	24	
	25	UPS MANAGERS DESK	20 A	1	180 VA 180 VA			1	20 A	PDU STRIP MANAGERS DESK	26	
	27	RECEPS MANAGERS DESK	20 A	1		1080... 540 VA		1	20 A	DATA / CONTROLS MANAGERS DESK	28	
	29	MUSIC SYSTEM MANAGERS DESK	20 A	1			180 VA 540 VA	1	20 A	WATER FILTRATION / HEATER	30	
A	31	15186 - DISHWASHER	40 A	2	3172... 360 VA			1	20 A	WATER FILLING STATION	32	A
	33	--	--	--		3172... 540 VA		1	20 A	RECEPS PARTNERS DESK	34	
A	35	11083 - 2 DOOR REACH-IN REFRIG.	20 A	1			1200... 1800...	2	30 A	18846 - ICE MACHINE	36	B
A	37	11083 - 2 DOOR REACH-IN REFRIG.	20 A	1	1200... 1800...			--	--	--	38	
A	39	10970 - 1 DOOR REACH-IN REFRIG.	20 A	1		1200... 1160...		1	20 A	13682 - 2 DOOR REACH IN FREEZER	40	A
A	41	13682 - 2DOOR REACH IN FREEZER	20 A	1			1160... 720 VA	1	20 A	FUTURE MENU BOARDS	42	
				Total Load:	20839 VA	21454 VA	18170 VA					
				Total Amps:	177 A	182 A	151 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	5260 VA	100.00%	5260 VA		
Kitchen Equipment	9944 VA	65.00%	6464 VA	**Total Conn. Load:**	60463 VA
Receptacle	8040 VA	100.00%	8040 VA	**Total Est. Demand:**	56983 VA
				Total Conn. Current:	168 A
				Total Est. Demand Current:	158 A

Notes:
PANEL WILL CONTAIN GFCI BREAKERS. ENSURE MANUFACTURE CAN PROVIDE GFCI BREAKERS OVER 20A, INCLUDING 120V AND 208V LOADS. GFCI RELAYS ARE NOT PERMITTED. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY AND SHALL CALCULATE SHORT CIRCUIT FAULT CURRENT AND ARC FLASH AND PROVIDE LABELS ON ELECTRICAL EQUIPMENT PER N.E.C. AND LOCAL JURISDICTION. CONTRACTOR SHALL PROVIDE EQUIPMENT RATED FOR FAULT CURRENT.

Branch Panel: B (BY STARBUCKS)

Location: WORKROOM 41
Supply From: PANEL 'A'
Mounting: Recessed
Enclosure: NEMA 1

Volts: 120/208
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MLO
Mains Rating: 400 A
MCB Rating:

Notes:

NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES
A	1	10267 - U.C REFRIGERATOR	20 A	1	500 VA 180 VA			1	20 A	RECEPS FUTURE USE	2	A
A	3	10267 - U.C REFRIGERATOR	20 A	1		500 VA 1800...		1	20 A	12508 - BLENDER	4	A
A	5	12508 - BLENDER	20 A	1			1800... 180 VA	1	20 A	RECEPS RINSE SINK	6	A
A	7	19559 - NITRO GENERATOR	20 A	1	500 VA 500 VA			1	20 A	20010 - NITRO COOLER	8	A
A	9	RECEPS FUTURE USE	20 A	1		180 VA 360 VA		1	20 A	DT POS FUTURE USE	10	A
A	11	DT POS TENDERING REGISTER	20 A	1			360 VA 360 VA	1	20 A	WIRELESS BASE / PROCESSOR	12	A
A	13	DT TIMER / CONTROL UNIT	20 A	1	720 VA 360 VA			1	20 A	DT ORDER MONITOR / BUMP BAR	14	A
A	15	10267 - U.C REFRIGERATOR	20 A	1		1000... 360 VA		1	20 A	10312 - BREWER WARMING STAND (4)	16	A
A	17	RECEPS FUTURE USE	20 A	1			180 VA 4100...	2	50 A	10746 - DUAL BREWER SOFT HEAT	18	B
A	19	10808 - GRINDER	20 A	1	1400... 4100...			--	--	--	20	
A	21	RECEPS INSTA HOT	20 A	1		1920... 180 VA		1	20 A	CUP LABELER	22	A
A	23	12618 - U.C REFRIGERATOR	20 A	1			500 VA 3000...	2	30 A	20032 - EIKON WARMING OVEN	24	B
B	25	20032 - EIKON WARMING OVEN	30 A	2	3000... 3000...			--	--	--	26	
	27	--	--	--		3000... 500 VA		1	20 A	12618 - U.C REFRIGERATOR.	28	A
	29	16238 - ZEPHYR FOOD CASE	20 A	2			500 VA 180 VA	1	20 A	RECEPS POS	30	A
	31	--	--	--	500 VA 180 VA			1	20 A	RECEPS POS	32	A
A	33	RECEPS POS	20 A	1		360 VA 1000...		1	20 A	10267 - U.C REFRIGERATOR	34	A
B	35	19742 - MASTRENA ESPRESSO	50 A	2			2900... 180 VA	1	20 A	CUP LABELER	36	A
	37	--	--	--	2900... 180 VA			1	20 A	CUP LABELER	38	A
B	39	19742 - MASTRENA ESPRESSO	50 A	2		2900... 1000...		1	20 A	10267 - U.C REFRIGERATOR	40	A
	41	--	--	--			2900... 180 VA	1	20 A	CUP LABELER	42	A
A	43	10267 - UC REFRIGERATOR	20 A	1	500 VA 180 VA			1	20 A	TICKET PRINTER	44	A
	45	PRE-MENU BOARD	20 A	1		200 VA 200 VA		1	20 A	DIGITAL ORDER SCREEN	46	
	47	MENU BOARD	20 A	1			200 VA 540 VA	1	20 A	DIRECTIONAL SIGNAGE	48	
	49	DIRECTIONAL SIGNAGE	20 A	1	180 VA 870 VA			1	20 A	CAFE LIGHTING	50	
	51	BACKBAR LIGHTING	20 A	1		1170... 573 VA		1	20 A	WORKROOM LIGHTING	52	
	53	EXTERIOR SIGNAGE	20 A	1			540 VA 900 VA	1	20 A	EXTERIOR SIGNAGE	54	
	55	PATIO RECEPT.	20 A	1	180 VA 0 VA			1	20 A	Spare	56	A
A	57	Spare	20 A	1		0 VA 0 VA		1	20 A	Spare	58	A
A	59	Spare	20 A	1			0 VA 0 VA	1	20 A	Spare	60	A
A	61	Spare	20 A	1	0 VA 0 VA			1	20 A	Spare	62	
	63	Spare	20 A	1		0 VA 0 VA		1	20 A	Spare	64	
	65	Spare	20 A	1			0 VA 0 VA	1	20 A	Spare	66	
				Total Load:	19930 VA	17203 VA	19500 VA					
				Total Amps:	169 A	143 A	165 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Power	10260 VA	100.00%	10260 VA		
Kitchen Equipment	37160 VA	65.00%	24154 VA	**Total Conn. Load:**	56633 VA
Receptacle	6600 VA	100.00%	6600 VA	**Total Est. Demand:**	43627 VA
				Total Conn. Current:	157 A
				Total Est. Demand Current:	121 A

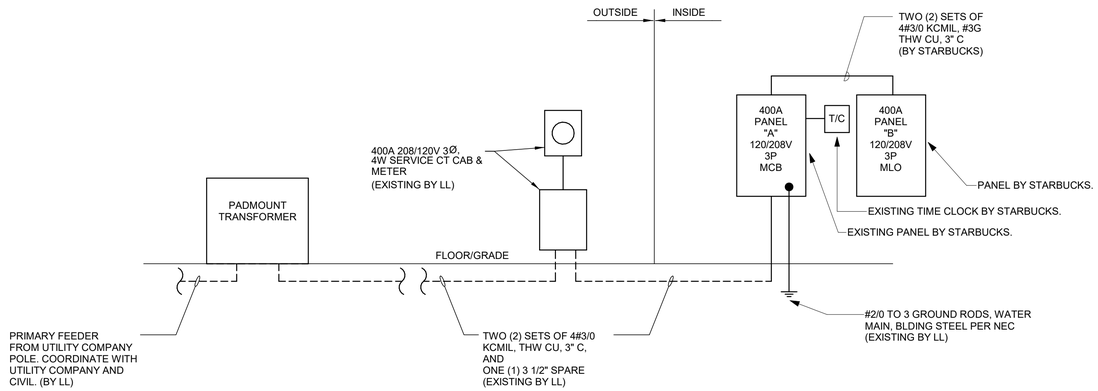
Notes:
1. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY AND SHALL CALCULATE SHORT CIRCUIT FAULT CURRENT AND ARC FLASH AND PROVIDE LABELS ON ELECTRICAL EQUIPMENT PER N.E.C. AND LOCAL JURISDICTION. CONTRACTORS SHALL PROVIDE EQUIPMENT RATED FOR FAULT CURRENT.

PANEL SCHEDULE NOTES

A. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (5mA) SHALL BE UTILIZED WHERE REQUIRED BY CODE. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL OF THESE CIRCUITS AND IN ACCORDANCE WITH N.E.C.

B. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (5mA) SHALL BE UTILIZED WHERE REQUIRED BY CODE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

PANEL A TOTALS	PANEL B TOTALS	PANEL A AND B TOTALS
TOTAL CONN. LOAD: 60463 VA	TOTAL CONN. LOAD: 56633 VA	TOTAL CONN. LOAD: 117096 VA
TOTA EST. DEMAND: 56983 VA	TOTA EST. DEMAND: 43627 VA	TOTA EST. DEMAND: 100610 VA
TOTAL CONN. CURRENT: 168 A	TOTAL CONN. CURRENT: 157 A	TOTAL CONN. CURRENT: 325 A
TOTAL EST. DEMAND CURRENT: 158 A	TOTAL EST. DEMAND CURRENT: 121 A	TOTAL EST. DEMAND CURRENT: 279 A



NOTES:
1. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY AND CALCULATE SHORT CIRCUIT FAULT CURRENT AND ARC FLASH AND PROVIDE LABELS ON ELECTRICAL EQUIPMENT PER N.E.C. AND LOCAL JURISDICTION. CONTRACTOR SHALL PROVIDE EQUIPMENT RATED FOR AVAILABLE FAULT CURRENT.
2. CONTRACTOR SHALL COORDINATE WITH POWER COMPANY & PROVIDE CT CABINET & METER BASE PER POWER COMPANY REQUIREMENTS.
3. ALL TRENCHING, BACKFILL, SITE RESTORATION AND WARNING TAPE DETEDTABLE BY CONTRACTOR. VERIFY DEPTHS OF CONDUITS COMPLY WITH NEC, POWER COMPANY JURISDICTION.
4. CONTRACTOR SHALL PROVIDE AN OUTDOOR DISCONNECT SWITCH IF LOCAL JURISDICTION OR POWER COMPANY REQUIRES ONE.
5. CONTRACTOR SHALL PROVIDE PANELS WITH FEED THRU LUGS.

1 SINGLE-LINE DIAGRAM
Scale: NTS

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Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL PANEL SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER:
E601

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CO2	CARBON DIOXIDE
CD	CEILING DIFFUSER
CLG	CEILING
CONST	CONSTRUCTION
CXA	COMMISSIONING AGENT
DEG	DEGREES
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
EA	EACH
EC	ELECTRICAL CONTRACTOR
ECP	EQUIPMENT CONTROL PAC
EG	EXHAUST GRILLE
ELEC	ELECTRICAL
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EXIST	EXISTING
EXT	EXTERIOR
F&I	FURNISH & INSTALL
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER, INSTALLED BY OWNER
FLR	FLOOR
FT	FOOT/FEET
G	GAS PIPING
GC	GENERAL CONTRACTOR
HR	HOUR
HVAC	HEATING, VENTILATION, AIR CONDITIONING
I.D.	INSIDE DIAMETER
IAQ	INDOOR AIR QUALITY
LCP	LIGHTING CONTROL PANEL
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
NTS	NOT TO SCALE
O.D.	OUTSIDE DIMENSION
OSA	OUTSIDE AIR
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
RT	ROOFTOP
SF	SQUARE FEET
SHT	SHEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEMP	TEMPORARY
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UC	UNDER COUNTER
WH	WATER HEATER
WSHP	WATER SOURCE HEAT PUMP

MECHANICAL SYMBOL LEGEND

TYPICAL SUPPLY DUCT UP/DN

TYPICAL RETURN OR EXHAUST DUCT UP/DN

TURNING VANES

EF-1 EQUIPMENT DESIGNATION

(T) THERMOSTAT

(S) THERMOSTAT SENSOR

SUPPLY AIR ARROW

RETURN AIR ARROW

DUCT HEATER

MANUAL VOLUME DAMPER

BDD BACK DRAFT DAMPER

SD SMOKE DETECTOR

(S) COMBINATION SMOKE AND FIRE DAMPER

SPIN-IN TAKE-OFF AND VOLUME DAMPER

(U) UNDERCUT DOOR

CONNECT TO EXISTING

12 X 8 INDICATES UNLINED 12" X 8" O.D. SHEETMETAL
1ST FIGURE = SIDE SHOWN
2ND FIGURE = SIDE NOT SHOWN

12 X 8 INDICATED 14" X 10" (355mm X 255mm) O.D. SHEETMETAL W/ 1" (25mm) SOUNDLINER (U.N.O), 12" X 8" (305mm X 205mm I.D. NET

FLEXIBLE DUCT CONNECTION

FLEXIBLE DUCT

12" Ø NECK SIZE
CD-1 400 DESIGN CFM (WHERE APPLICABLE)
DIFFUSER TYPE (REFER SCHEDULE)

CEILING DIFFUSER (FLOW ARROWS SHOWN ONLY IF AIR FLOW NOT SYMMETRICAL)

CEILING RETURN / EXHAUST GRILLE

CONTROLS AND OPERATION NOTES

THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING COMPONENTS:

CONTROL WIRING
THE MECHANICAL CONTRACTOR SHALL PROVIDE ALL CONTROL WIRING IN CONDUIT NECESSARY FOR THE COMPLETE AND PROPER OPERATING TEMPERATURE CONTROL SYSTEM INCLUDING ALL MODES OF OPERATION AND INTERLOCK.

EXHAUST FANS
RESTROOM EXHAUST FAN(S) TO BE OPERATED IN CONJUNCTION WITH STORE HOURS UNLESS OTHERWISE NOTED OR APPROVED OR AS REQUIRED BY JURISDICTION (COORDINATE WITH ELECTRICAL).

THERMOSTAT
PERMANENT THERMOSTAT(S) AND REMOTE SENSOR(S) SHALL BE FURNISHED AND INSTALLED. ONE THERMOSTAT AND SENSOR IS PROVIDED FOR EACH UNIT. MOUNT THERMOSTAT(S) AND SENSOR(S) IN LOCATION & HEIGHT AS INDICATED ON DRAWINGS. MECHANICAL CONTRACTOR TO PROVIDE THERMOSTAT IDENTIFICATION LABELS PER SPECIFICATION REQUIREMENTS. REFER TO THERMOSTAT SETUP INSTRUCTIONS BELOW FOR ADDITIONAL REQUIREMENTS.

THERMOSTAT SETUP INSTRUCTIONS
PROVIDE THE FOLLOWING SETUP AND PROGRAMMING:

1. CONFIGURE AS FOLLOWS:
   - A. DEGREES °F" DISPLAY
   - B. 12 HOUR CLOCK
   - C. CONTINUOUS FAN OPERATION IN OCCUPIED MODE
   - D. DISABLE KEYBOARD PROGRAMMING
2. SET TIME AND DATE.
3. SET TO DISPLAY CURRENT TEMPERATURE.
4. SET OCCUPIED START TIME AT 30 MIN. BEFORE OPENING. SET UNOCCUPIED START TIME AT 30 MIN. AFTER CLOSING. VERIFY HOURS WITH STORE MANAGER OR CONSTRUCTION MANAGER.
5. SET POINTS SHALL BE AS FOLLOWS OR AS APPROPRIATE FOR CLIMATE:
   - A. OCCUPIED (5° F DEADBAND) (3° C DEADBAND)
     - I. HEATING: 70° F (21° C)
     - II. COOLING: 75° F (24° C)
   - B. UNOCCUPIED
     - I. HEATING: 60° F (15° C)
     - II. COOLING: 78° F (25° C)
6. SET TWO (2) HOUR OCCUPIED OVERRIDE FUNCTION TO PROVIDE THE FOLLOWING SET POINT OVERRIDES:
   - A. HEATING: +2° F (1° C)
   - B COOLING: -2° F (1° C)

DEMAND CONTROL VENTILATION (DCV)
THE C02 SENSOR SHALL MODULATE THE AIR HANDLING UNIT OUTSIDE AIR DAMPER TO MAINTAIN 1000 PPM C02 OR LESS

OCCUPIED MODE:

1. FAN SHALL RUN CONTINUOUSLY WHILE BRINGING IN MINIMUM DCV OUTSIDE AIR AS INDICATED IN SCHEDULE.
2. IF C02 SENSOR SET POINT IS BELOW THE SETPOINT, THE AIR DAMPER SHALL BE OPEN TO THE CALCULATED DCV MINIMUM OUTSIDE AIR.
3. IF C02 SENSOR SETPOINT IS EXCEEDED, OUTSIDE AIR DAMPER SHALL MODULATE TO MAINTAIN 1000 PPM NOT TO EXCEED THE CALCULATED DESIGN MINIMUM OUTSIDE AIR.
4. UPON C02 PPM FALLING BELOW THE SETPOINT OF 1000 PPM, THE AIR DAMPER SHALL RETURN TO DCV MINIMUM OUTSIDE AIR.
5. THE ECONOMIZER SHALL HAVE PRIORITY OVER THE DCV CONTROLS, OUTSIDE AIR MAY EXCEED DCV MINIMUM AND DESIGN MINIMUM WHEN AIR CONDITIONS ARE APPROPRIATE TO DO SO.

UNOCCUPIED MODE:

1. FAN SHALL CYCLE WITH HEATING AND OUTSIDE AIR DAMPER CLOSED. OUTSIDE DAMPER SHALL NOT BE CYCLED WITH C02 PPM SETPOINT.

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

1. SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES.
2. PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;
3. CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS.

CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:

A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE , BUT ARE NOT LIMITED TO DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST FANS, HVAC CONTROLS, LIGHTING CONTROLS AND AIR CURTAINS.

B. CONTRACTOR SHALL PROVIDE WRITTEN RESPONSES TO ALL CXA'S REVIEWS AND COMMENTS. RESPONSES SHALL BE PROVIDED IN A TIMELY MANNER.

C. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.

D. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.

E. CONTRACTOR SHALL COMPLETE MANUFACTURER'S STARTUP PROCEDURES PRIOR TO COMMISSIONING COORDINATION WITH CXA.

F. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS IS CLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.

G. ALL HVAC EXHAUST FAN AND AIR CURTAIN EQUIPMENT SHALL BE TESTED, ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT (SEE TESTING ADJUSTING AND BALANCING) AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA, IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. ALL HVAC CONTROL SYSTEMS SHALL BE TESTED TO ENSURE THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT AND SYSTEMS ARE CALIBRATED, ADJUSTED AND OPERATE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN TESTING AND AIR BALANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC... TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.

H. PROVIDE A LIST OF ALL FACTORY AND FIELD SETTINGS THAT HAVE BEEN PROGRAMMED INTO THE EQUIPMENT (SUCH AS SETPOINTS, SCHEDULES, DIP SWITCH SETTINGS, CONDENSER AND EVAPORATOR OPERATING PRESSURE/TEMPERATURE, ETC...).

I. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. THIS INCLUDES REHEARSING ALL FUNCTIONAL PERFORMANCE TESTS BEFORE DEMONSTRATING TO THE CXA. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATING THE CORRECT OPERATION OF EQUIPMENT, SENSOR CALIBRATION, RESPONSE OF ACTUATORS AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES, INCLUDING BUT NOT LIMITED TO AIR MOVEMENT, TEMPERATURE, SOUND AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC... DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.

J. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.

K. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.

L. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED BY LEED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT. DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

SYSTEM COMMISSIONING (continued)

M. CONTRACTOR SHALL PROVIDE A TRAINING PLAN FOR EACH TRADE (MECHANICAL, ELECTRICAL, PLUMBING) FOR THE CXA'S APPROVAL. THE TRAINING PLAN SHALL OUTLINE ALL THE TOPICS THAT ARE TO BE COVERED ALONG WITH THE TIME DURATION FOR EACH TOPIC. IT SHALL ALSO INCLUDE THE INSTRUCTOR'S NAME, QUALIFICATIONS AND COMPANY LOGO.

N. THE CONTRACTOR IS RESPONSIBLE FOR RECORDING ATTENDANCE FOR EACH TRAINING SESSION. COPIES OF THESE SHALL BE SUBMITTED TO THE CXA.

O. CONTRACTOR SHALL SUBMIT O&M MANUALS FOR ALL PIECES OF EQUIPMENT AT LEAST 6 WEEKS IN ADVANCE OF THE TRAINING SESSIONS.

HVAC EQUIPMENT AND MATERIALS

FILTERS
IF OPERATING HVAC DURING CONSTRUCTION, PROVIDE THREE (3) SETS OF 2" (51MM) MERV6 PLEATED DISPOSABLE FILTERS (OR HIGHER RATING IF REQUIRED BY LEED). USE ONE SET UNTIL COMPLETION OF CONSTRUCTION. INSTALL ONE SET AT COMPLETION OF CONSTRUCTION (PRIOR TO TAB) AND DELIVER ONE SET OF MERV13 FILTERS TO STARBUCKS LABELED TO DENOTE THEIR RESPECTIVE AIR HANDLING UNIT.

BRACING AND ANCHORING
ALL MECHANICAL EQUIPMENT, FIXED OR FLEXIBLY MOUNTED, SHALL BE BRACED OR ANCHORED TO COMPLY WITH LOCAL CODES.

DUCTWORK AND ACCESSORIES

SHEET METAL DUCTWORK
ASSEMBLE AND INSTALL DUCTWORK IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICE FOR ACHIEVING AIR TIGHT (5% LEAKAGE) AND NOISELESS (NO OBJECTIONABLE NOISE) SYSTEMS. NO VARIATION OF DUCT CONFIGURATION OR SIZES WILL BE PERMITTED EXCEPT BY PERMISSION FROM THE ENGINEER.

DAMPERS
PROVIDE CONVENIENTLY LOCATED ACCESS DOORS OF AMPLE SIZE AND QUANTITY FOR SERVICING THE DAMPERS. PROVIDE MOTORIZED DAMPERS AT ALL INTAKE & EXHAUST BUILDING OPENINGS. COORDINATE WITH OTHER TRADES FOR ACCESS PANELS, POWER AND FIRE ALARM INTERFACES. SEE PROJECT MANUAL.

ACOUSTICAL DUCT LINER
UNLESS OTHERWISE INDICATED ON THE PLANS, PROVIDE 1" (25MM) ACOUSTICAL DUCT LINER IN SUPPLY AND RETURN DUCTWORK WITHIN 10'-0" (305CM) OF THE DISCHARGE AND INTAKE OF AIR HANDLING UNITS. INCREASE DUCT SIZE INDICATED ON PLANS AS NEEDED TO ACCOMMODATE LINER. LINER TO BE PROVIDED AND FASTENED TO DUCT WITH MECHANICAL LINER FASTENERS IN ACCORDANCE WITH SMACNA AND PROJECT MANUAL.

FLEXIBLE DUCTWORK
FLEXIBLE DUCT WORK SHALL ONLY BE INSTALLED AS SHOWN IN PLAN AND NOT ABOVE HARD LID CEILINGS. FLEXIBLE DUCTWORK SHALL NOT EXCEED 5'-0" (152CM) IN LENGTH AND TWO 45° ELBOWS. IT SHALL BE PULLED TAUT AND APPROPRIATELY FASTENED TO RIGID BRANCH DUCT & DIFFUSER. BENDS SHALL BE MINIMIZED AND WHERE NEEDED BE A FULL RADIUS BEND. SUPPORT BANDS SHALL BE INSTALLED SO AS TO NOT CRIMP FLEX DUCT. FLEXIBLE DUCTWORK SHALL MEET REQUIREMENTS.

TESTING, ADJUSTING, BALANCING

INDEPENDENT AIR BALANCE CONTRACTOR OR QUALIFIED MECHANICAL CONTRACTOR SHALL BE QUALIFIED BY NEBB OR AABC STANDARDS. BALANCER SHALL ACCURATELY BALANCE THE SUPPLY, RETURN AND OUTSIDE AIR, EXHAUST FAN(S), HYDRONIC (WHERE APPLICABLE) AND EXHAUST FAN(S) SYSTEMS TO PROVIDE AIR AND WATER QUANTITIES WITHIN 10% PLUS MINUS OF THE VALUES INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS UNLESS MANUFACTURER REQUIRES TIGHTER TOLERANCES. OPERATE AUTOMATIC CONTROLS SYSTEMS AND VERIFY SETPOINTS FOR THERMOSTATS, C02 SENSORS, DCV, EMS AND ECONOMIZER/OUTSIDE AIR DAMPER. SEE CONTROLS AND OPERATION NOTES AND HVAC SCHEDULES AND NOTES FOR DETAILS. IF DEFICIENCIES OR SITE CONDITIONS PREVENT COMPLETE AND PROPER BALANCING, DO NOT COMPLETE WORK AND SUBMIT A REQUEST FOR INFORMATION TO GET COMPLETE INFORMATION PRIOR TO COMPLETING WORK. SUBMIT THREE (3) COPIES OF THE BALANCE REPORT TO THE ENGINEER, CONSTRUCTION MANAGER AND COMMISSIONING AGENT FOR APPROVAL. THE BALANCE REPORT SHALL INCLUDE NEBB OR AABC CREDENTIALS, EQUIPMENT/INSTRUMENT LIST WIT THE MOST RECENT CALIBRATION DATE AND BALANCE REPORTS FOR ALL HVAC AND EXHAUST SYSTEMS. T&B REPORT SHOULD MATCH NEBB OR AABC STANDARD REPORTS INCLUDING UNIT TEST DATA WITH TEMPERATURES, PRESSURES AND STATIC PRESSURE PROFILES. INCLUDE A COPY OF THE BALANCE REPORT AS APPROVED BY THE ENGINEER WITH APPLICATION FOR FINAL CONTRACT PAYMENT.

IAQ MANAGEMENT PLAN

DURING CONSTRUCTION, CONTRACTOR SHALL COMPLY WITH CHAPTER 3 OF SMACNA'S IAQ GUIDELINES FOR OCCUPIED BUILDINGS UNDER CONSTRUCTION. CONTRACTOR SHALL PERFORM AND SUBMIT ALL INFORMATION AS REQUIRED. IF HVAC SYSTEM IS TO BE USED DURING CONSTRUCTION, INSTALL MERV 8 FILTERS AT EACH RETURN AIR GRILL AND COMPLY WITH SMACNA'S GUIDELINES.

ENERGY MANAGEMENT SYSTEM (EMS)

THE GENERAL CONTRACTOR SHALL INSTALL (OR DEMO AND REINSTALL FOR RENOVATIONS) THE VENSTAR SURVEYOR EMS SYSTEMS PRIOR TO THE LAST WEEK OF CONSTRUCTION. MECHANICAL CONTRACTOR TO INSTALL ONE PERMANENT THERMOSTAT AND REMOTE SENSOR PER HVAC UNIT, AS PROVIDED BY VENSTAR. LOCATE AND MOUNT THERMOSTAT(S) AND SENSOR(S) PER THE DRAWINGS. INSTALL THERMOSTAT IDENTIFICATION LABELS PER VENSTAR SPECIFICATIONS.

MECHANICAL CONTRACTOR TO COMPLETE FINAL CONNECTIONS FROM SURVEYOR DATA CONCENTRATOR TO STORE ROUTER PRIOR TO CONTACTING VENSTAR (818-812-9812). VENSTAR TO PROGRAM THE HVAC AND/OR LIGHTING CONTROLS WITH STANDARD STARBUCKS SETTINGS. FOR ASSISTANCE WITH OR TROUBLESHOOTING OF THE SURVEYOR CONTROLS, CONTACT VENSTAR.

GENERAL MECHANICAL NOTES

1. MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
2. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL INTENT OR ARRANGEMENT OF SYSTEM(S). FURNISH & INSTALL ALL COMPONENTS NEEDED WHETHER INDICATED OR NOT TO PROVIDE A COMPLETE AND OPERATING SYSTEM.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM ACTUAL BUILDING DIMENSIONS.
4. THE MECHANICAL CONTRACTOR SHALL COORDINATE HVAC WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS AND PROJECT MANUAL SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND PROJECT MANUAL FOR DIMENSIONED DIFFUSER LOCATIONS AND MOUNTING HEIGHTS WHERE EXPOSED.
5. NEW DUCTWORK AND EQUIPMENT SHALL NOT BE INSTALLED WHERE IT OBSTRUCTS ANY EXISTING OR NEW AREAS THAT REQUIRE ACCESS.
6. INSULATE DUCTWORK PER CODE AND SPEC. REQUIREMENTS. COORDINATE CLEARANCE REQUIREMENTS FOR ADDED INSULATION.
7. ALL IS NEW UNLESS NOTED OTHERWISE.

GENERAL NOTES

SCOPE
THE INTENT OF THE PROJECT MANUAL AND THE DRAWINGS IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL MECHANICAL SYSTEM. THE MECHANICAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETE THE MECHANICAL WORK.

SITE EXAMINATION
THE MECHANICAL CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE EQUIPMENT, DUCTWORK, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT, IN HIS OPINION, PREVENTS THE PROPER INSTALLATION OF THE MECHANICAL WORK.

PENETRATIONS
WHERE PIPES AND DUCTS PENETRATE WALL, SEAL OPENINGS TO PREVENT AIR TRANSFER BETWEEN SPACES. USE FIRE RATED SEALANTS ON ALL FIRE SEPARATION PENETRATIONS, INCLUDING FLOORS. SEAL AROUND ALL PIPES AND DUCTS PENETRATING FIRE SEPARATIONS WITH NON-COMBUSTIBLE PACKING RETAINED BY METAL COLLARS. THE ASSEMBLY SHALL BE APPROVED BY STATE FIRE MARSHALL.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH THE APPROPRIATE PROVISIONS OF CSA, ULC, ARL, ASME, ASTM, UL, NEMA, ANSI, SMACNA, ASHRAE, NFPA, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND PROJECT MANUAL AND THE CODES AND ORDINANCES, USE WHICHEVER IS MORE STRINGENT. THE MECHANICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE MECHANICAL CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE MECHANICAL WORK.

WARRANTY
THE MECHANICAL CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

LANDLORD REQUIREMENTS

PRIOR TO BID: THE GENERAL CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. IF LANDLORD / BUILDING OWNER DOES HAVE REQUIREMENTS, CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS (IN THE OPINION OF THE ENGINEER). LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 41099 ENGINEER BRIAN M. MASTERS

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
MECHANICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
M001

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MECHANICAL
SCOPE OF WORK SUMMARY

THE FOLLOWING SCOPE OF WORK IS BASED ON THE LANDLORD'S WORK LETTER EXHIBIT C. THIS SCOPE OF WORK IS NOT INTENDED TO INDICATE THE FULL SCOPE, BUT ONLY A BROAD SUMMARY. THE GENERAL CONTRACTOR SHALL REFERENCE THE COMPLETE WORK LETTER FOR A MORE DETAILED DESCRIPTION OF WORK BY BOTH PARTIES. ANY QUESTIONS REGARDING SCOPE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. RESPONSIBILITY INDICATED BELOW MEANS FURNISHED, PERMITTED AND INSTALLED BY THE PARTY INDICATED.

WORK DESCRIPTION	RESPONSIBILITY	
	LANDLORD	STARBUCKS
HVAC UNIT AND CURB ADAPTER	X	
STRUCTURAL CURB	X	
HVAC UNIT ECONOMIZERS AND RELIEF	X	
SMOKE DETECTORS IN DUCTWORK AND INTERLOCK		X
THERMOSTATS AND CONTROLS		X
EMS CONTROLS		X
MOTORIZED DAMPERS FOR BACKDRAFT	X	
EXHAUST FAN, CURB AND MOTORIZED DAMPER	X	
DUCTWORK 12" OR LARGER		X
DUCTWORK 10" OR SMALLER		X
MOTORIZED DAMPERS FOR CONNECTIONS	X	
GAS SERVICE AND METER	X	
GAS PIPING TO SPACE	X	
GAS PIPING TO HOT WATER TANK		X
GAS PIPING TO HVAC UNITS		X
LOUVERS FOR INTAKES, EXHAUST AND PRESSURE RELIEF.	X	

KEYED NOTES

1. ROUTE 32"x18" SUPPLY AND 32"x18" RETURN DUCT UP THROUGH ROOF AND CONNECT TO RTU-1. TRANSITION TO FULL SIZE CONNECTIONS AT UNIT, PROVIDE WITH FLEXIBLE DUCT CONNECTION TO UNIT. REFER TO SHEET M102 FOR FURTHER INFORMATION. COORDINATE EXACT LOCATION PRIOR TO START OF ANY WORK. ENSURE SUPPLY AND RETURN DUCTS PENETRATE ROOF BETWEEN TRUSSES AND THE OUTSIDE AIR INTAKE IS LOCATED 10FT FROM ANY VENT.
2. ROUTE 32"x18" SUPPLY AND RETURN DUCT UP THROUGH ROOF AND CONNECT TO RTU-2. TRANSITION TO FULL SIZE CONNECTIONS AT UNIT, PROVIDE WITH FLEXIBLE DUCT CONNECTION TO UNIT. REFER TO SHEET M102 FOR FURTHER INFORMATION. COORDINATE EXACT LOCATION PRIOR TO START OF ANY WORK. ENSURE SUPPLY AND RETURN DUCTS PENETRATE ROOF BETWEEN TRUSSES AND THE OUTSIDE AIR INTAKE IS LOCATED 10FT FROM ANY VENT.
3. ROUTE 10"x10" EXHAUST DUCT UP THROUGH ROOF AND CONNECT TO EXHAUST FAN. TRANSITION TO FULL SIZE CONNECTIONS AT UNIT. REFER TO SHEET M102 FOR FURTHER INFORMATION. EXHAUST FAN SHALL RUN CONTINUOUSLY WHEN STORE IS OCCUPIED AND SHALL TURN OFF WHEN STORE IS NOT OCCUPIED. EXHAUST FAN CONTROL SHALL BE ACCOMPLISHED WITH LCP. COORDINATE WITH ELECTRICAL, SEE SCHEDULE FOR SIZE.
4. WALL MOUNTED THERMOSTAT FOR RTU-1, AND RTU-2 AT 48" A.F.F. THERMOSTAT SHALL BE 7-DAY PROGRAMMABLE WITH NIGHT SETBACK AND A MINIMUM 5 DEGREE DEADBAND. CONFIRM HEIGHT COMPLIES WITH BARRIER FREE, AND ALL OTHER LOCAL REQUIREMENTS. MULTIPLE THERMOSTATS SHALL BE STACKED IN A VERTICAL CONFIGURATION WITH A MINIMUM OF 8" CLEARANCE BELOW EACH THERMOSTAT. LABEL EACH THERMOSTAT TO THEIR RESPECTIVE UNIT. THERMOSTATS AND ALL ASSOCIATED EQUIPMENT SHALL BE INSTALLED BY GENERAL CONTRACTOR.
5. REMOTE TEMPERATURE SENSOR AT 60" A.F.F ON WALL.
6. MANUAL BALANCING DAMPER (TYPICAL). DAMPERS SHALL NOT BE INSTALLED AT THE GRILLE/NECK UNLESS SHOWN.
7. CO2 SENSOR LOCATED AT 60" A.F.F. ON WALL. INTERLOCK WITH RESPECTIVE HVAC UNIT AND SEE M001 FOR FURTHER INFORMATION. COORDINATE CONTROLS WITH HVAC UNIT AND PROVIDE ADDITIONAL CONTROL COMPONENTS AS MAY BE NEEDED FOR A COMPLETE AND OPERATIONAL SYSTEM.
8. CO2 ALARM SHALL BE MOUNTED AT 48" A.F.F. NEXT TO MANAGER'S STATION, COORDINATE WITH ELECTRICAL FOR POWER RECEPTACLE.
9. PROVIDE AND INSTALL DUCT MOUNTED SMOKE DETECTOR IN RETURN AIR PLENUM. INTERLOCK SMOKE DETECTOR WITH RESPECTIVE RTU TO SHUT DOWN UNIT UPON DETECTION OF SMOKE. COORDINATE WITH ELECTRICAL AND SEE POWER SHEETS FOR FURTHER REQUIREMENTS AND REMOTE ANNUNCIATOR. INTERCONNECT WITH CENTRAL SYSTEM IF APPLICABLE. (SEE DETAIL).
10. TURN RETURN DUCT IN JOIST SPACE WITH 90° ELBOW.
11. VENT TO WATER HEATER. LOCATE A CODE MINIMUM DISTANCE AWAY FOR OUTSIDE AIR INTAKES AND PARAPET ON ROOF. OFFSET AS NEEDED. IF ADDITIONAL SEPARATION IS NEEDED, EXTEND FLUE TO 3 FT ABOVE INTAKE OR PER AHJ.
12. ROUTE 1" GAS PIPING DOWN FROM CEILING SPACE AND CONNECT TO WATER HEATER. PROVIDE AND INSTALL GAS SHUT-OFF VALVE AND 6" DIRT LEG, AND UNION PRIOR TO FINAL CONNECTION. SEE SHEET M102 FOR MORE INFORMATION.
13. CARBON MONOXIDE SENSOR LOCATED AT 60" A.F.F. ON WALL. INTERLOCK. WITH RESPECTIVE HVAC UNIT AND SEE M001 FOR FURTHER INFORMATION. COORDINATE CONTROLS WITH HVAC UNIT AND PROVIDE ADDITIONAL CONTROL COMPONENTS AS MAY BE NEEDED FOR A COMPLETE AND OPERATIONAL SYSTEM.
14. CARBON MONOXIDE ALARM SHALL BE MOUNTED AT 48" A.F.F. NEXT TO MANAGER'S STATION, COORDINATE WITH ELECTRICAL FOR POWER RECEPTACLE.
15. DUCT SHALL BE MOUNTED AS HIGH AS POSSIBLE.
16. YOUNG REGULATOR MODEL 5020CC DAMPER AND 270-275 REMOTE CABLE OPERATOR. REMOTE CABLE OPERATOR SHALL BE FASTENED TO THE INSIDE OF LINEAR SLOT DIFFUSER PLENUM WITHIN AIRSTREAM. REMOTE CABLE SHALL BE ACCESSIBLE FROM DIFFUSER SLOT. PROVIDE YOUNG REGULATOR MODEL 030 WRENCH TO OPERATE ASSOCIATED DAMPER.SEE DETAIL M501

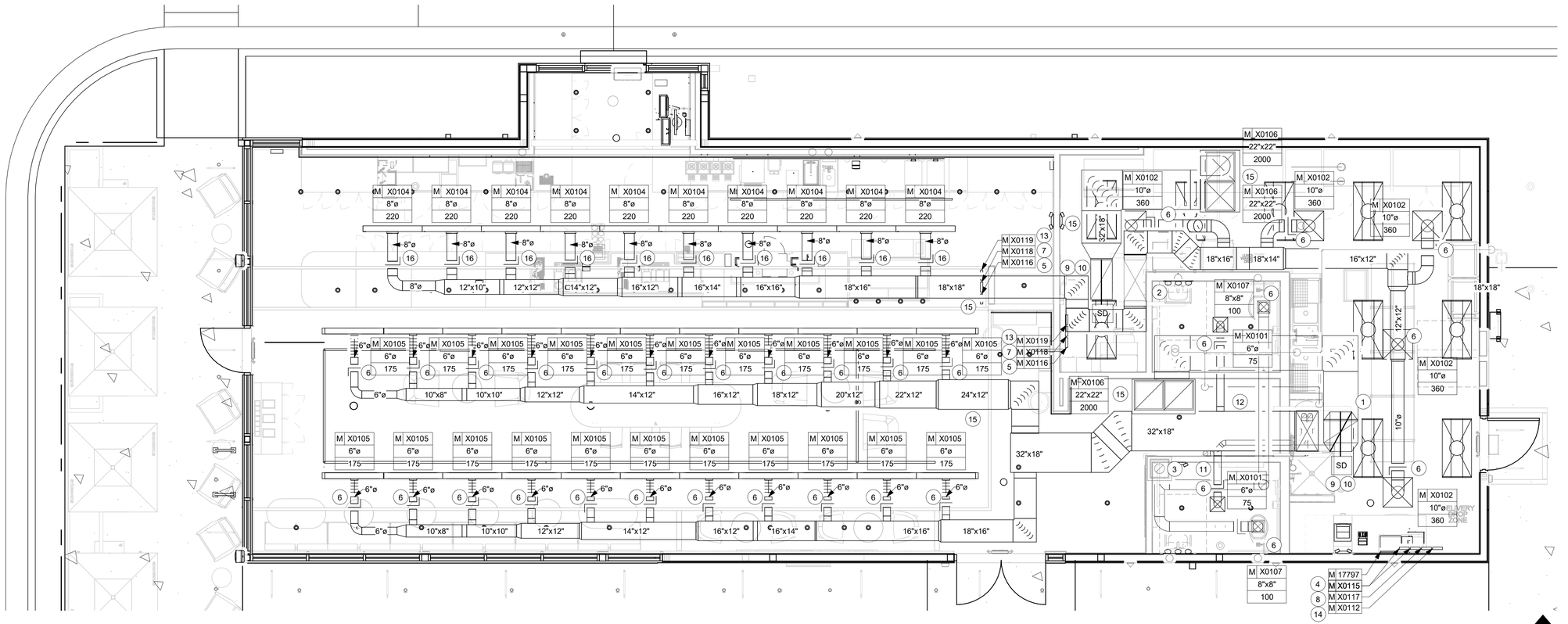
GENERAL NOTES

A. SEE ARCHITECTURAL SHEETS FOR PAINTING AND COLORS OF ALL EXPOSED DUCTWORK, DIFFUSERS AND GRILLES.

B. SEE ARCHITECTURAL SHEETS FOR DIMENSIONED DIFFUSER & EXPOSED DUCT LOCATIONS.

C. DIFFUSERS AND RETURN GRILLES SHALL BE CENTERED IN CEILING TILE, UNLESS OTHERWISE NOTED.

D. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF MECHANICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.



1 1ST FLOOR - MECHANICAL DESIGN PLAN

Scale: 1/4" = 1'-0"

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SHEET TITLE:
MECHANICAL DESIGN PLAN
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M101

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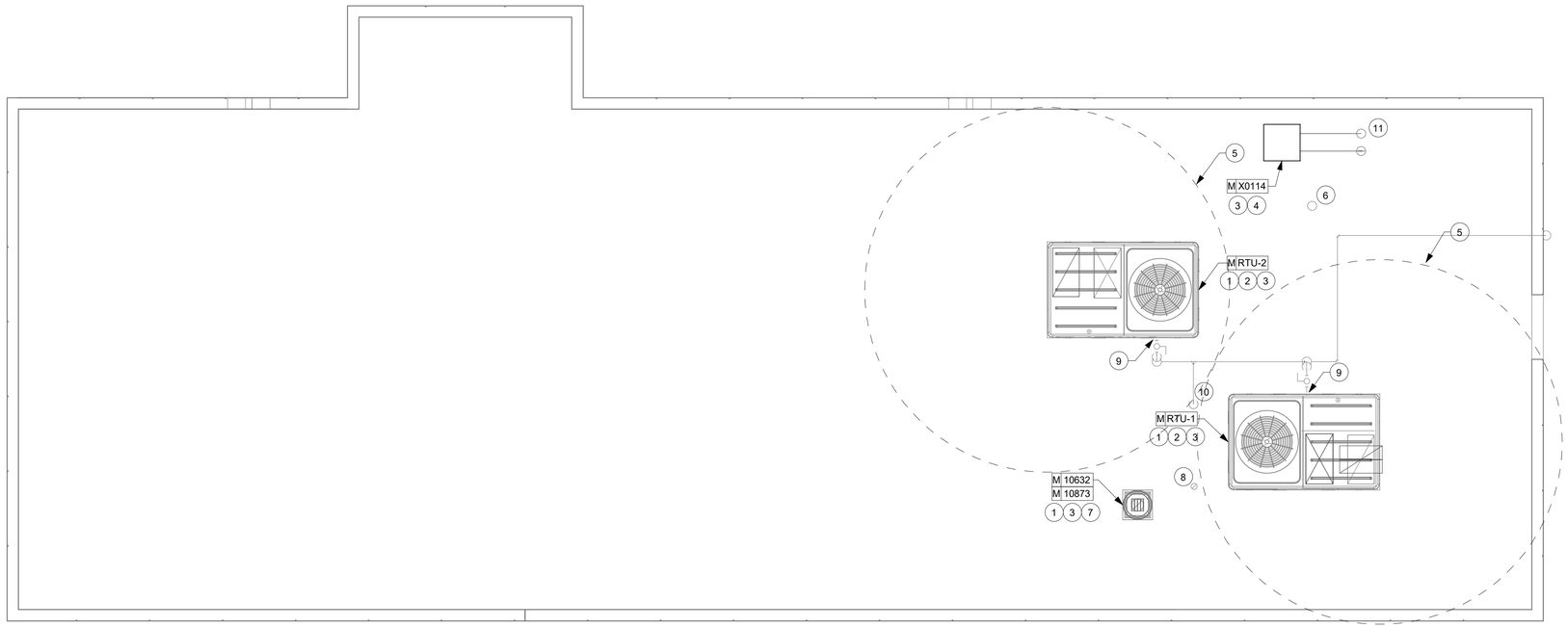
MECHANICAL EQUIPMENT SCHEDULE - "M"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X0112	1	CO ALARM	SB	GC	CARBON MONOXIDE ALARM - MODEL GE NX-8
X0114	1	ICE MACHINE REMOTE CONDENSER	SB	GC	SUPPLY PER ICE MACHINE MANUFACTURER'S SPECIFICATIONS
X0115	2	THERMOSTAT	SB	GC	HONEYWELL TH8320U, PROGRAMABLE THERMOSTAT
X0116	2	REMOTE TEMPERATURE SENSOR	SB	GC	HONEYWELL C7189U1005
X0117	1	CO2 ALARM/SENSOR	SB	GC	CO2 MEASUREMENT SPECIALIST, RAD-0102-6 CO2 ALARM, WALL MOUNTED WITH LCD DISPLAY. DIGIITAL DISPLAY ALARM INDICATION AND AUDIBLE WARNING ON HIGH ALARM POINT
X0118	2	CO2 SENSOR	SB	GC	HONEYWELL C7232A WALL MOUNTED SENSOR WITH LCD DISPLAY
X0119	2	CO SENSOR	SB	GC	CARBON MONOXIDE SENSOR - MODEL GE260
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC	GC TO COORDINATE WITH SB VENDOR
RTU-1	1	PACKAGED ROOFTOP UNITS	LL	LL	TRANE YHC120F, 10 TON NOM. CAPACITY, 114.5 TOTAL/90.3 SENSIBLE MBH, 4000 CFM @ 1.0 ESP MAX., 208v/3PH, MCA=48, MOCP=60, EER=12.4, IEER=15.2, 250 MBH INPUT, AFUE=80%, UNIT WEIGHT (INCL. CURB)=1,500 LBS., 410a, ECONOMIZER AND BAROMETRIC RELIEF. BALANCE TO OUTDOOR AIR SHOWN IN VENTILATION AIR CALCULATION SCHEDULE THIS SHEET.
RTU-2	1	PACKAGED ROOFTOP UNITS	LL	LL	TRANE YHC120F, 10 TON NOM. CAPACITY, 114.5 TOTAL/90.3 SENSIBLE MBH, 4000 CFM @ 1.0 ESP MAX., 208v/3PH, MCA=48, MOCP=60, EER=12.4, IEER=15.2, 250 MBH INPUT, AFUE=80%, UNIT WEIGHT (INCL. CURB)=1,500 LBS., 410a, ECONOMIZER AND BAROMETRIC RELIEF. BALANCE TO OUTDOOR AIR SHOWN IN VENTILATION AIR CALCULATION SCHEDULE THIS SHEET.
10632	1	RESTROOM EXHAUST	LL	LL	FAN - GREENHECK G-080-VG, 300 CFM, 115V/1 PHASE WEIGHT = 39LBS
10873	1	RESTROOM EXHAUST ROOF CURB AND DAMPER	LL	LL	CURB - GREENHECK GPI-17-G12, DAMPER - GREENHECK WD-90-PB-8X8 (WITH BACKDRAFT PREVENTER)



1 1ST FLOOR - MECHANICAL ROOF PLAN
Scale: 1/4" = 1'-0"

KEYED NOTES

1. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL MECHANICAL EQUIPMENT.
2. ROOFTOP AC UNIT PROVIDED AND INSTALLED BY LANDLORD, VERIFY EXACT LOCATION PRIOR TO START OF ANY WORK. VERIFY THAT OUTSIDE AIR INTAKE IS LOCATED A MINIMUM OF 10'-0" FROM ANY VENT OR EXHAUST OPENINGS.
3. REFER TO DETAILS ON SHEET M501 FOR FURTHER INFORMATION.
4. ICE MACHINE: CONTRACTOR SHALL PROVIDE AND INSTALL PRECHARGED REFRIGERANT LINES FROM ICE MACHINE TO REMOTE CONDENSER, SIZED PER MANUFACTURER'S REQUIREMENTS. COORDINATE WITH G.C. FOR EXACT LOCATION AND SUPPORT OF CONDENSER. REFER TO DETAILS ON SHEET M501 FURTHER INFORMATION. ROOF PENETRATIONS SHALL BE PROVIDED BY LANDLORD'S ROOFING CONTRACTOR. ALL ROOF PENETRATIONS SHALL BE MADE WEATHER TIGHT BY LANDLORD'S ROOFING CONTRACTOR. COORDINATE WITH LANDLORD'S ROOFING CONTRACTOR.
5. 10'-0" CLEARANCE FOR OUTSIDE AIR INTAKE.
6. 3" VENT THROUGH ROOF. REFER TO PLUMBING PLANS FOR CONTINUATION. ROOF PENETRATIONS SHALL BE PROVIDED BY LANDLORD'S ROOFING CONTRACTOR. LANDLORD'S ROOFING CONTRACTOR SHALL MAKE ALL PENETRATIONS WEATHER TIGHT.
7. ROOFTOP EXHAUST FAN PROVIDED AND INSTALLED BY LANDLORD, VERIFY EXACT LOCATION PRIOR TO START OF ANY WORK. ROOF CURB SHALL BE INSTALLED AND MADE WEATHER TIGHT BY LANDLORD'S ROOFING CONTRACTOR. VERIFY THAT DISCHARGE IS LOCATED A MINIMUM OF 10'-0" FROM ANY OUTDOOR INTAKES.
8. VENT FOR WATER HEATER. ROOF PENETRATIONS SHALL BE MADE BY LANDLORD'S ROOFING CONTRACTOR. ALL ROOF PENETRATIONS SHALL BE MADE WEATHER TIGHT BY LANDLORD'S ROOFING CONTRACTOR. COORDINATE WITH LANDLORD'S ROOFING CONTRACTOR.
9. CONTRACTOR SHALL CONNECT 1" GAS LINE TO ROOFTOP UNIT, CONTRACTOR SHALL PROVIDE GAS SHUT-OFF VALVE, 6" DIRT LEG, AND UNION PRIOR TO FINAL CONNECTION.
10. 1" GAS PIPING DOWN THRU ROOF FOR WATER HEATER. SEE SHEET M101 FOR MORE INFORMATION. ROOF PENETRATIONS SHALL BE BY LANDLORD'S ROOFING CONTRACTOR. ALL ROOF PENETRATIONS SHALL BE MADE WEATHER TIGHT BY LANDLORD'S ROOFING CONTRACTOR. COORDINATE WITH LANDLORD'S ROOFING CONTRACTOR.
11. REFRIGERATION PIPING FROM ICE MACHINE CONDENSING UNIT. EXTEND REFRIGERATION PIPING AS SHOWN DOWN THRU ROOF FOR CONNECTION TO ICE MACHINE PER MANUFACTURER RECOMMENDATIONS. REFRIGERATION LINES TO BE INSTALLED BY STARBUCKS GENERAL CONTRACTOR.

N

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 41099 ENGINEER BRIAN M. MAZZEY
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

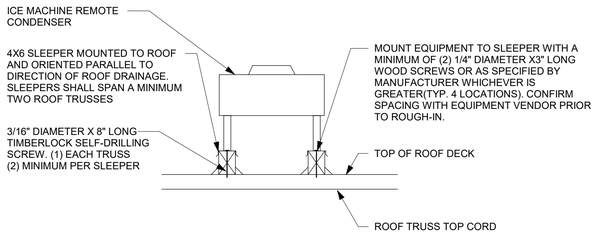
STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

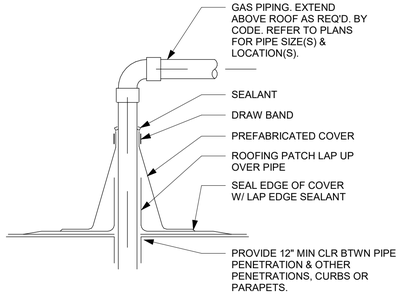
SHEET TITLE:
MECHANICAL ROOF PLAN
SCALE: AS SHOWN

SHEET NUMBER:
M102



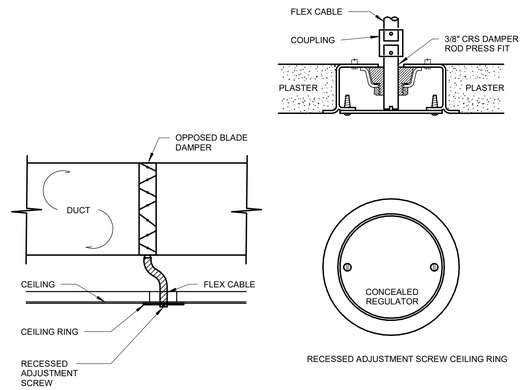
1 EQUIPMENT SUPPORT DETAIL1

Scale: NTS



4 PIPE/ROOF PENETRATION DETAIL

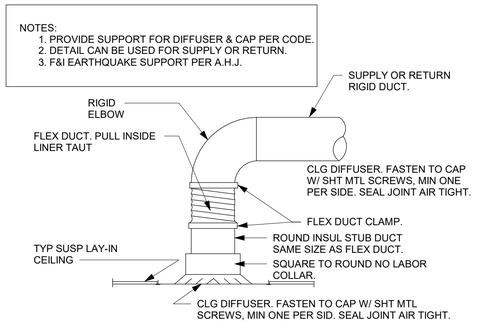
Scale: NTS



NOTES:
1. THIS DETAIL APPLIES TO ALL BRANCH RUNOUTS ABOVE HARD CEILINGS.

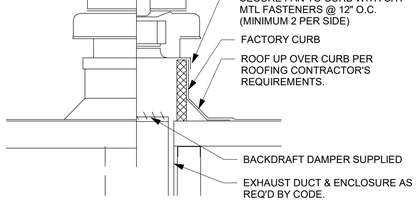
7 REMOTELY ADJUSTABLE BALANCING DAMPER DETAIL

Scale: 1/8" = 1'-0"



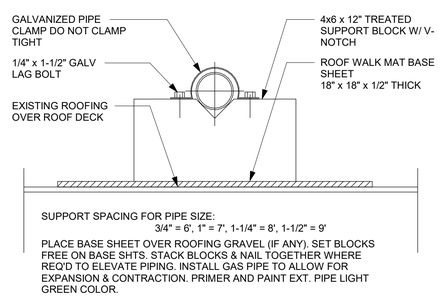
2 LAY-IN CLG DIFFUSER DETAIL

Scale: NTS



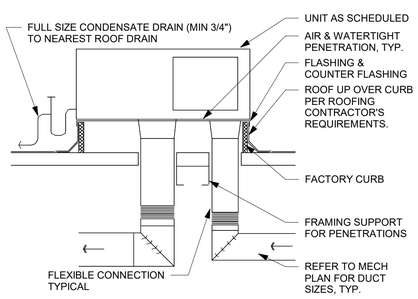
5 ROOF EXHAUST FAN

Scale: NTS



3 PIPE SUPPORT DETAIL

Scale: NTS



6 ROOFTOP AIR HANDLING UNIT DETAIL

Scale: NTS

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09/02/2021

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Revision Schedule

Rev	Date	By	Description

SHEET TITLE: MECHANICAL DETAILS

SCALE: AS SHOWN

SHEET NUMBER: M501

HVAC SCHEDULE

Design ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X0101	2	SUPPLY DIFFUSER	GC	GC	TITUS TDC 6"Ø NECK 12"x12" FACE
X0102	5	SUPPLY DIFFUSER	GC	GC	TITUS TDC 10"Ø NECK 24"x24" FACE
X0104	10	SUPPLY DIFFUSER	GC	GC	TITUS FL-15, 1.5" SLOT, 1 SLOT, 8"Ø INLET, 4 FT LONG, BORDER TYPE 11
X0105	22	SUPPLY DIFFUSER	GC	GC	TITUS FL-15, 1.5" SLOT, 1 SLOT, 6"Ø INLET, 4 FT LONG, BORDER TYPE 11
X0106	4	RETURN GRILLE	GC	GC	TITUS 350RL 22"x22" NECK, 24"x24" FACE
X0107	2	EXHAUST GRILLE	GC	GC	TITUS 350RL 8"x8" NECK, 10"x10" FACE

VENTILATION AIR CALCULATION (BASED ON THE 2018 NORTH CAROLINA MECHANICAL CODE)

MARK	AREA SERVED	OCCUPANCY CATEGORY	ZONE AREA (Az)	OCCUPANCY DENISTY (P/1000 SF)	ZONE POPULATION (Pz)	OUTDOOR AIR CFM PER PERSON (Rp)	OUTDOOR AIR CFM PER SF (Ra)	ZONE AIR EFFECTIVENESS (Ez)	MINIMUM OUTDOOR AIR (CFM)	
RTU-1	BAR	BAR - KITCHEN	624	STAFF COUNT	7	7.5	0.12	0.8	160	
	WORKROOM	OFFICE / STORAGE	522	STAFF COUNT	2	5	0.18	0.8	130	
								TOTAL	290	
MARK	AREA SERVED	OCCUPANCY CATEGORY	ZONE AREA (Az)	OCCUPANCY DENISTY (P/1000 SF)	ZONE POPULATION (Pz)	OUTDOOR AIR CFM PER PERSON (Rp)	OUTDOOR AIR CFM PER SF (Ra)	ZONE AIR EFFECTIVENESS (Ez)	MINIMUM OUTDOOR AIR (CFM)	MAXIMUM DCV OUTDOOR AIR (CFM)
RTU-1	SEATING	FAST FOOD - DINING	1009	SEAT COUNT	34	7.5	0.18	0.8	546	---
	RESTROOMS	FAST FOOD - DINING	107	SEAT COUNT	0	7.5	0.18	0.8	24	
								TOTAL	570	600

NOTES:
1. SEATING ZONE POPULATION IS BASED UPON SEAT COUNT WITH NO DIVERSITY.
2. HVAC UNITS SHALL BE BALANCED TO PROVIDE THE MINIMUM DCV OUTDOOR AIR QUANTITIES INDICATED.
3. ADDITIONAL VENTILATION IS REQUIRED FOR (1) WARMING OVEN AND (1) DISHWASHER.
4. MAXIMUM DCV VENTILATION AIR SHOWN SHALL BE CONTROLLED BY CO2 SENSOR (SEE OTHER CONTROL NOTES).

RESTROOM EXHAUST CALCULATION (BASED ON THE 2018 NORTH CAROLINA MECHANICAL CODE)

MARK	AREA SERVED	NUMBER OF WATER CLOSETS / URINALS	CFM PER WC / UR	TOTAL MINIMUM EXHAUST CFM	PROPOSED EXHAUST CFM
RTU-1	RESTROOMS	2	75	150	160

APPROXIMATE GAS REQUIREMENTS:
SYSTEM IS SIZED FROM LOW PRESSURE GAS (10" W.C. AT 0.3" W.C. PRESSURE DROP) OVERALL SYSTEM LENGTH OF 125'

HWH =	200.0 MBH
RTU-1 =	150.0 MBH
RTU-2 =	150.0 MBH
TOTAL =	500.0 MBH

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Revision Schedule

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SHEET TITLE: MECHANICAL SCHEDULES
SCALE: AS SHOWN

SHEET NUMBER: M601

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CLG	CEILING
CONST	CONSTRUCTION
CW	DOMESTIC COLD WATER
CXA	COMMISSIONING AGENT
DEG	DEGREES
DN	DOWN
DTL	DETAIL
DWG(S)	DRAWING(S)
EA	EACH
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
EMER	EMERGENCY
EXIST	EXISTING
EXT	EXTERIOR
FD	FLOOR DRAIN
FS	FLOOR SINK
F&I	FURNISH & INSTALL
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER, INSTALLED BY OWNER
FLR	FLOOR
FT	FOOT/FEET
FCO	FLOOR CLEANOUT
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GW	GREASE WASTE
HR	HOUR
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HW	HOT WATER
HS	HANDSINK
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
LL	LANDLORD
LV	LOW VOLTAGE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, AND PLUMBING
MFG	MANUFACTURER
MIN	MINIMUM
MS	MOP SINK
NL	NIGHTLIGHT
NTS	NOT TO SCALE
PC	PLUMBING CONTRACTOR
PS	PREP SINK
POC	POINT OF CONNECTION
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
SHT	SHEET
SF	SQUARE FEET
SPECS	SPECIFICATION(S)
SST	STAINLESS STEEL
TEL	TELEPHONE
TEMP	TEMPORARY
TMV	TEMPERATURE MIXING VALVE
TW	TEMPERED HOT WATER
TYP	TYPICAL
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE
V	VENT
W	SANITARY WASTE
WCO	WALL CLEANOUT
WH	WATER HEATER
WP	WEATHER PROOF

PLUMBING SYMBOL LEGEND

	S OR W	SANITARY OR WASTE PIPING ABOVE SLAB
	S OR W	SANITARY OR WASTE PIPING BELOW SLAB
	V	VENT PIPING
GW	GW	GREASE WASTE
CD	CD	CONDENSATE DRAIN
	CW	COLD WATER PIPING
	HW	HOT WATER PIPING
CWF	CWF	COLD WATER FILTERED
CWN	CWN	COLD WATER NANO FILTERED
CWS	CWS	COLD WATER SOFTENED
TW	TW	TEMPERED WATER
RO	RO	REVERSE OSMOSIS WATER
G	G	GAS PIPING
RD	RD	REFRIGERANT DISCHARGE PIPING
RS	RS	REFRIGERANT SUCTION PIPING
	BV	BALL VALVE
	GV	GATE VALVE
	CH. V	CHECK VALVE
	RV	RELIEF VALVE
	HB	HOSE BIBB
[S]		SHOCK ABSORBER
		STRAINER
	WCO	WALL CLEANOUT
	FCO	FLOOR CLEANOUT
	FS	FLOOR SINK
M	WM	WATER METER
	POC	CONNECT TO EXISTING

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING

CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS:

1) SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;
2) PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;
3) CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:

A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE, BUT ARE NOT LIMITED TO, DOMESTIC HOT WATER GENERATION.

B. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.

C. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE, AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.

D. INSTALLATION VERIFICATION SHALL BE PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SUPPORT STARBUCKS CXA INSTALLATION VERIFICATION EFFORTS AS NECESSARY. PROVIDE ALL ACCESS AND EQUIPMENT NECESSARY FOR STARBUCKS STAFF TO VERIFY THAT THE EQUIPMENT IS INSTALLED CORRECTLY.

E. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS DISCLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.

F. ALL DOMESTIC WATER HEATING, RECIRCULATING, FILTER AND SOFTENING EQUIPMENT SHALL BE TESTED AND/OR ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT (SEE TESTING ADJUSTING AND BALANCING) OR THE MANUFACTURER'S CERTIFIED STARTUP REPRESENTATIVE AFTER THE SYSTEM IS VERIFIED TO BE COMPLETE AND CORRECT BY STARBUCKS CXA IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DOCUMENTS. SEQUENCES OF OPERATION SHALL BE TESTED TO ENSURE THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS. DELIVERABLES: PRELIMINARY, WRITTEN FUNCTIONAL PERFORMANCE REPORT CONFORMING TO THE REQUIREMENTS SPECIFIED HEREIN, DOCUMENTING THE INFORMATION SPECIFIED, ETC. TO THE STARBUCKS CXA IMMEDIATELY UPON COMPLETION OF THE WORK.

G. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATION THE CORRECT OPERATION OF EQUIPMENT, RESPONSE OF SENSORS, AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES; INCLUDING BUT NOT LIMITED TO, AIR MOVEMENT, TEMPERATURE, SOUND, AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE, OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC. DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.

H. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.

I. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.

J. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED BY LEED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

VALVES

GENERAL
INSTALL VALVES FOR EACH FIXTURE AND ITEM OF EQUIPMENT. PROVIDE BRAIDED STAINLESS STEEL HOSE (UNLESS OTHERWISE NOTED) BETWEEN VALVE AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. LOCATE SHUT-OFF VALVES ADJACENT TO EQUIPMENT FOR EASY ACCESS SUCH THAT VALVES CAN BE REACHED WITHOUT MOVING EQUIPMENT. SHUT OFF VALVES TO BE BALL TYPE. VALVES SHALL BE LISTED/APPROVED FOR USE PER AUTHORITIES HAVING JURISDICTION (AHJ) AND CODE REQUIREMENTS. PROVIDE VALVE IDENTIFICATION PER THE PROJECT MANUAL FOR MAIN WATER SERVICE SHUT-OFF AND ANY OTHER VALVES WHICH ARE NOT CLEARLY EVIDENT WHAT THEY SERVE.

PLUMBING FIXTURES

WATER HEATER
SIZE WATER HEATER PER STARBUCKS STANDARD AND PER AUTHORITIES HAVING JURISDICTION (AHJ), WHICHEVER IS MORE STRINGENT. PROVIDE INSTALLATION COMPLETE WITH FITTINGS AS SHOWN IN THE DRAWINGS. SET HOT WATER TEMPERATURE AT 140° F OR ADJUST AS REQUIRED BY AHJ. PROVIDE THERMOMETER ON HOT WATER PIPE LEAVING WATER HEATER.

WATER FILTRATION
STARBUCKS WATER FILTRATION VENDOR WILL PROVIDE FILTRATION SYSTEM. CONTRACTOR SHALL CONFIRM WITH STARBUCKS CONSTRUCTION MANAGER WHETHER VENDOR OR PLUMBING CONTRACTOR IS TO INSTALL FILTRATION SYSTEM. PROVIDE AND COORDINATE INSTALLATION COMPLETE WITH ALL PIPING, FITTINGS, AND EQUIPMENT AS INDICATED ON THE DRAWINGS.

CONNECTIONS
THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT INCLUDING REQUIRED MATERIAL SUCH AS PIPING, VALVES, FILTERS, TRAPS, CHECKS VALVES, VACUUM BREAKERS, AND FLEXIBLE AND RIGID TUBING.

SCHEDULES
REFER TO SCHEDULES ON DRAWINGS FOR A DESCRIPTION OF LISTED ITEMS AND FURNISH ANY AND ALL PLUMBING FIXTURES LISTED AS "GC". ANY DISCREPANCIES ABOUT WHO IS TO PROVIDE PLUMBING FIXTURES IN THE SCHEDULE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. INSTALL ALL FIXTURES LISTED REGARDLESS OF WHO SUPPLIES.

DISHWASHER
G.C. TO FURNISH AND INSTALL POWER CORD FOR DISHWASHER PER JURISDICTIONAL REQUIREMENTS. IF EQUIPMENT IS SPECIFIED AS HOBART ADVANSYS, THE UNIT IS TO BE PLUMBED WITH COLD, NON-FILTERED WATER. IF THE WATER FILTRATION SYSTEM IS A PENTAIR CONFIGURATION II OR III, THEN THE COLD, NON-FILTERED WATER MUST ALSO BE SOFTENED.

INSULATION

WATER PIPING
PROVIDE THERMAL INSULATION PER THE SPECIFICATIONS.

SAFETY COVERS
FURNISH AND INSTALL SPECIFIED NO SCALD SAFETY COVERS WITH INSULATED FOAM LINER AND TAMPER PROOF STRAP AT ALL EXPOSED ADA SINK P-TRAPS AND WATER SUPPLIES AND AS REQUIRED BY JURISDICTION .

PIPING

CONDENSATE DRAINAGE PIPING
THE PLUMBING CONTRACTOR SHALL PROVIDE CONDENSATE DRAINS FOR AIR HANDLING UNITS AND STARBUCKS EQUIPMENT (REFER TO SCHEDULE). CONDENSATE DRAINAGE PIPING SHALL BE TYPE "M" COPPER TUBING WITH WROUGHT COPPER SWEAT FITTINGS JOINED WITH 50/50 SOLDER.

TESTING
ALL PIPES SHALL BE TESTED BY AN APPROVED METHOD BEFORE THEY ARE
BACKFILLED OR CONCEALED. AFTER TESTING IS COMPLETE, THE PLUMBING
CONTRACTOR SHALL DISINFECT THE POTABLE WATER SYSTEM AS REQUIRED BY LOCAL AUTHORITY. TEST WATER PURITY ACCORDING TO LOCAL REQUIREMENTS AND SUBMIT CERTIFIED TEST RESULTS TO ENGINEER FOR REVIEW AND APPROVAL.

CARBONATION

IF APPLICABLE TO PROJECT SCOPE FOR CBE STATION, STARBUCKS CARBONATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT, CO2 TANKS AND FITTINGS. STARBUCKS SHALL PROVIDE AND CONTRACTOR SHALL INSTALL CO2 TANK MOUNTING BRACKET, PROTECTIVE SHELVING UNIT AND CO2 GAS TUBING AS SHOWN ON DRAWINGS AND PER MANUFACTURER'S INSTRUCTIONS. MAXIMUM TUBING LENGTH INCLUDING COILED ENDS IS 100 FT (30 M) AND MAXIMUM BEND IS TO 3 INCH (75 MM) MINIMUM RADIUS. ROUTE CO2 TUBING PREFERABLY THROUGH WALL AND/OR CEILING CAVITIES, WITHOUT KINKS AND SO AS TO NOT TOUCH ANY HOT SURFACE (BALLAST, STEAM PIPE, ETC.) OR RUB AGAINST A SHARP EDGE THAT MAY ABRADE OR CUT TUBING. ALL HOLES MUST BE SEALED WITH A GROMMET OR ESCUTCHEON. TUBING IS TO BE SECURED TO APPROPRIATE PERMANENT SURFACES TO KEEP IT OFF THE FLOOR OR CABINET BOTTOMS AND AWAY FROM OTHER EQUIPMENT. LABEL BOTH ENDS OF TUBING AND REGULARLY AT TEN (10) FOOT INTERVALS ALONG ROUTE AS "CO2."

NITROGENATION

STARBUCKS NITROGENATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT AND FITTINGS IF APPLICABLE TO PROJECT SCOPE FOR NITRO STATION. GENERAL CONTRACTOR SHALL COORDINATE NITRO SYSTEM INSTALLATION WITH STARBUCKS VENDOR.

GENERAL PLUMBING NOTES

1. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
2. EXPOSED/SURFACE MOUNTED PIPING IS ONLY ALLOWED IN THE BAR AREA UNDER COUNTERTOPS, WHERE IT DOES NOT OBSTRUCT CABINETS/DEVICES AND WHERE APPROVED BY STARBUCKS CONSTRUCTION MANAGER. IF ROUTED THROUGH CABINETS, IT SHALL BE ROUTED TO MAXIMIZE STORAGE SPACE AND BE PROTECTED FROM DAMAGE.
3. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL INTENT OR ARRANGEMENT OF SYSTEM(S). FURNISH AND INSTALL ALL COMPONENTS NEEDED WHETHER INDICATED OR NOT TO PROVIDE A COMPLETE AND OPERATING SYSTEM. OVERALL CASEWORK COMPONENT DIMENSIONING ON PLUMBING DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM ACTUAL BUILDING DIMENSIONS.
5. THE PLUMBING CONTRACTOR SHALL COORDINATE PLUMBING WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR FIXTURES IN CASEWORK AND PLUMBING DETAILS. SEE THE PROJECT MANUAL FOR PLUMBING SPECIFICATION SECTIONS.
6. ALL PIPING AND/OR PLUMBING DEVICES SHALL BE SUPPORTED FROM STRUCTURE (NOT FROM HVAC DUCTS OR OTHER PIPES/CONDUITS).
7. WHEN BUNDLING SEVERAL INDIRECT WASTE LINES TO DRAIN INTO FLOOR SINK, A UNISTRUT IS REQUIRED FOR SECURING AND BRACING ALL LINES ABOVE THE DRAIN.
8. FURNISH AND INSTALL ALL NEEDED DRAIN LINES PER CODE (NOT ALL SHOWN). INSTALL DRAINS AT 2% SLOPE WHERE POSSIBLE WITHOUT DIPS OR SAGS. ALL INDIRECT DRAINS SHALL RUN SEPARATELY FROM EACH OTHER TO INDIRECT DRAIN RECEPTOR AND SHALL TERMINATE WITH AN AIR GAP PER CODE.
9. FURNISH AND INSTALL WALL CLEANOUTS AT ALL SINKS AND AS NEEDED PER CODE (NOT ALL SHOWN).
10. INSULATE ICE BIN DRAINAGE PIPES PER THE REQUIREMENTS IN THE PROJECT MANUAL.

GENERAL NOTES

SCOPE
THE INTENT OF THE PROJECT MANUAL AND THE DRAWINGS IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL PLUMBING SYSTEM. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT RELATED TO THE INSTALLATION OF THE PLUMBING WORK.

SITE EXAMINATION
THE CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE FIXTURES, EQUIPMENT, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT PREVENTS THE PROPER INSTALLATION OF THE PLUMBING WORK.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH THE APPROPRIATE PROVISIONS OF LISTING STANDARD IN EFFECT AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS AND THE CODES AND ORDINANCES, THE HIGHEST STANDARD SHALL APPLY. THE CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

PERMITS AND FEES
THE CONTRACTOR SHALL PROCURE AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS NECESSARY TO COMPLETE THE PLUMBING WORK.

WARRANTY
THE CONTRACTOR SHALL UNCONDITIONALLY WARRANT ALL WORK TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY STARBUCKS AND WILL REPAIR OR REPLACE ANY DEFECTIVE WORK PROMPTLY AND WITHOUT CHARGE AND RESTORE ANY OTHER EXISTING WORK DAMAGED IN THE COURSE OF REPAIRING DEFECTIVE MATERIALS AND WORKMANSHIP.

LANDLORD REQUIREMENTS

PRIOR TO BID: THE CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS. LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 41099 ENGINEER BRIAN M. MASZLEY

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING NOTES

SCALE: AS SHOWN

SHEET NUMBER:
P001

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PLUMBING
SCOPE OF WORK SUMMARY

THE FOLLOWING SCOPE OF WORK IS BASED ON THE LANDLORD'S WORK LETTER EXHIBIT C. THIS SCOPE OF WORK IS NOT INTENDED TO INDICATE THE FULL SCOPE, BUT ONLY A BROAD SUMMARY. THE GENERAL CONTRACTOR SHALL REFERENCE THE COMPLETE WORK LETTER FOR A MORE DETAILED DESCRIPTION OF WORK BY BOTH PARTIES. ANY QUESTIONS REGARDING SCOPE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. RESPONSIBILITY INDICATED BELOW MEANS FURNISHED, PERMITTED AND INSTALLED BY THE PARTY INDICATED.

WORK DESCRIPTION	RESPONSIBILITY	
	LANDLORD	STARBUCKS
WATER SERVICE AND METER	X	
BOOSTER PUMP FOR WATER SERVICE	X	
BELOW FLOOR / SLAB WASTE, VENT AND WATER PIPES	X	
ABOVE FLOOR / SLAB WASTE, VENT AND WATER PIPES	X	
PLUMBING VENT(S) THROUGH ROOF	X	
EXTERIOR HOSE BIBB(S)	X	
BASE COVERAGE SPRINKLER SYSTEM	X	
SPRINKLER SYSTEM MODIFICATIONS FOR TENANT BUILDOUT	X	

KEYED NOTES

1. WATER HEATER:
   ROUTE 1" COLD AND HOT WATER FROM WATER HEATER, UP IN CEILING SPACE. WATER HEATER INSTALLATION SHALL BE INCOMPLIANCE WITH APPLICABLE CODES AND ORDINANCES, REFER TO WATER HEATER DETAIL.
2. MOP SINK:
   ROUTE 1/2" HOT AND COLD DOWN IN WALL AND CONNECT TO MOP SINK FAUCET. PROVIDE APPROVED BACKFLOW PREVENTION DEVICE ON SERVICE FAUCET AS REQUIRED. CAULK AND SEAL BACK OF SINK TO WALL.
3. WATER FILTER:
   ROUTE 3/4" COLD WATER DOWN IN WALL AND CONNECT TOWATER FILTER, EXTEND 3/4" FILTERED COLD WATER FROM WATER FILTER UP IN WALL TO CEILING SPACE. PLUMBING CONTRACTOR TO FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS AND ACTIVATION PROCEDURES FOR FILTERS. INSTALL ASSEMBLY ON WALL, REFER TO WATER FILTER DETAIL.
4. 3-COMPARTMENT SINK:
   ROUTE 1/2" HOT AND COLD WATER DOWN IN WALL AND CONNECT TO FAUCET AND OVERHEAD SPRAY. CAULK AND SEAL BACK OF SINK TO WALL.
5. SANITIZER:
   ROUTE 3/4" COLD WATER DOWN IN WALL AND STUB OUT AT 18" A.F.F. PROVIDE WITH SHUT-OFF VALVE WITH 3/4" MALE HOSE-END FITTING. SHUT-OFF TO INCLUDE PRESSURE REDUCING VALVE, PRESSURE GAUGE (SET @ 20 PSIG, +/- 5 PSIG). LINE STRAINER, AND SHOCK ARRESTOR IN ALL CONNECT SANITIZER TO HW SUPPLY WITH 72" LONG BRAIDED STAINLESS STEEL HOSE. PROVIDE AND INSTALL ANY ADDITIONAL PIPING AND DEVICES AS REQUIRED FOR COMPLETE INSTALLATION.
6. ICE MACHINE:
   ROUTE 1/2" FILTERED COLD WATER DOWN IN WALL AND CONNECT TO ICE MACHINE, PROVIDE WITH REQUIRED BACKFLOW PREVENTION DEVICE. CONTRACTOR SHALL SUPPLY AND INSTALL 3/8" BRAIDED STAINLESS STEEL SUPPLY FROM SHUT-OFF TO MACHINE.
7. HAND SINK/LAVATORY:
   ROUTE 1/2" HOT AND COLD WATER DOWN IN WALL AND CONNECT TO HAND SINK/LAVATORY, CONTRACTOR TO PROVIDE AND INSTALL THERMOSTATIC MIXING VALVE BELOW FIXTURE AND SET TO 110°F. MIXING VALVE SHALL BE ASSE 1070 COMPLIANT. REPLACE AERATOR PROVIDED WITH FAUCET WITH 0.5 GPM VANDAL RESISTANT FLOW CONTROL AERATOR. CAULK AND SEAL BACK OF SINK TO WALL.
8. COFFEE BREWER:
   ROUTE 1/2" FILTERED COLD WATER DOWN IN WALL. CONTRACTOR SHALL PROVIDE AND INSTALL SHUT-OFF VALVE IN CABINET AT 24" A.F.F. CONTRACTOR SHALL SUPPLY AND INSTALL 3/8" BRAIDED STAINLESS STEEL SUPPLY LINE FROM SHUT-OFF VALVE TO MACHINE.
9. ESPRESSO MACHINE:
   ROUTE 1/2" FILTERED COLD WATER IN CASEWORK AND CONNECT TO ESPRESSO MACHINE. PROVIDE AND INSTALL BRAIDED STAINLESS STEEL HOSE FROM SHUT-OFF VALVE TO PUMP AND FROM PUMP TO ESPRESSO MACHINE'S WATER INLET.
10. DIPPER WELL, HOT TAP, WATER TOWER, AND PITCHER RINSER:
    ROUTE 1/2" COLD, AND FILTERED COLD WATER IN CASEWORK. EXTEND 1/2" FILTERED COLD WATER UP IN CASEWORK AND CONNECT TO DIPPER WELL. EXTEND 3/8" FILTERED WATER UP IN CASEWORK AND CONNECT TO HOT WATER DISPENSER, CONTRACTOR SHALL REDUCE WATER SUPPLY LINE TO 1/4" AT UNIT. EXTEND 3/8" FILTERED COLD WATER UP IN CASEWORK AND CONNECT TO WATER TOWER FAUCET. EXTEND 1/2" AND COLD WATER UP IN CASEWORK AND CONNECT TO PITCHER RINSER FAUCET (2 HANDLE). REFER TO ESP SINK PIPING DETAIL.
11. WATER CLOSET:
    ROUTE 1" COLD WATER DOWN IN WALL AND CONNECT TO WATER CLOSET. PROVIDE WITH WATER HAMMER ARRESTOR IN SUPPLY LINE. CONTRACTOR SHALL CHOOSE RIGHT/LEFT HAND ORIENTATION TO BE ADA COMPLIANT PRIOR TO ORDERING.
12. ROUTE 3/4" COLD, AND FILTERED COLD WATER UP FROM BELOW GRADE THRU SLAB, PROVIDE WITH BALL SHUT-OFF VALVE AT FLOOR PENETRATION. PIPING SHALL BE ROUTED CONCEALED BELOW COUNTER AND TIGHT TO BAR WALL (COORDINATE WITH G.C.).
13. WORK SINK:
    ROUTE 1/2" HOT AND COLD WATER DOWN IN WALL AND CONNECT TO WORK SINK.
14. PITCHER RINSER FAUCET:
    ROUTE 1/2" HOT AND COLD WATER UP IN WALL. CONNECT 1/2" CW TO PITCHER RINSER FAUCET (1 HANDLE). EXTEND IN CASEWORK AND 1/2" HW AND CW CONNECT TO SINK FAUCET. CONTRACTOR SHALL PROVIDE AND INSTALL AN APPROVED BACKFLOW PREVENTER
15. ROUTE 3/4" COLD, AND FILTERED COLD WATER DOWN IN WALL AND EXTEND BELOW SLAB TO BAR AREA.
16. LAVATORY:
    ROUTE 1/2" HOT AND COLD WATER DOWN IN WALL AND CONNECT TO HAND SINK/LAVATORY, CONTRACTOR TO PROVIDE AND INSTALL THERMOSTATIC MIXING VALVE BELOW FIXTURE AND SET TO 100°F. MIXING VALVE SHALL BE ASSE 1070 COMPLIANT. REPLACE AERATOR PROVIDED WITH FAUCET WITH 0.5 GPM VANDAL RESISTANT FLOW CONTROL AERATOR. CAULK AND SEAL BACK OF SINK TO WALL.
17. ROUTE 1-1/2" COLD WATER LINE UP IN CEILING SPACE.
18. REPLACE AERATOR PROVIDED WITH FAUCET WITH 0.5 GPM VANDAL RESISTANT FLOW CONTROL AERATOR.
19. MAGIC SINK:
    ROUTE 1/2" COLD, HOT, AND FILTERED COLD WATER IN WALL. EXTEND 1/2" FILTERED COLD WATER IN CASEWORK AND CONNECT TO HOT WATER DISPENSER, CONTRACTOR SHALL REDUCE WATER SUPPLY LINE TO 1/4" AT UNIT. EXTEND 1/2" FILTERED COLD WATER IN CASEWORK AND CONNECT TO WATER TOWER FAUCET. ROUTE 1/2" COLD AND HOT WATER IN CASEWORK AND CONNECT TO LABORATORY FAUCET. REFER TO DETAIL 6/502 FOR MORE INFORMATION.
20. PIPING SHALL BE BELOW FLOOR.
21. ROUTE 1/2" HW, CW AND FCW DOWN IN WALL AND CONNECT TOWATER FILLING STATION. CONTRACTOR SHALL PROVIDED AND INSTALL APPROVED BACKFLOW PREVENTER.
22. HOSE BIB. FIELD VERIFY EXACT LOCATION.
23. ROUTE 1/2" HWR FROM CEILING SPACE AND CONNECT TO WATER HEATER. SEE DETAIL ON P502 FOR MORE INFORMATION.

GENERAL NOTES

A. FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.

B. PLUMBING CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.

C. ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.

D. REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.

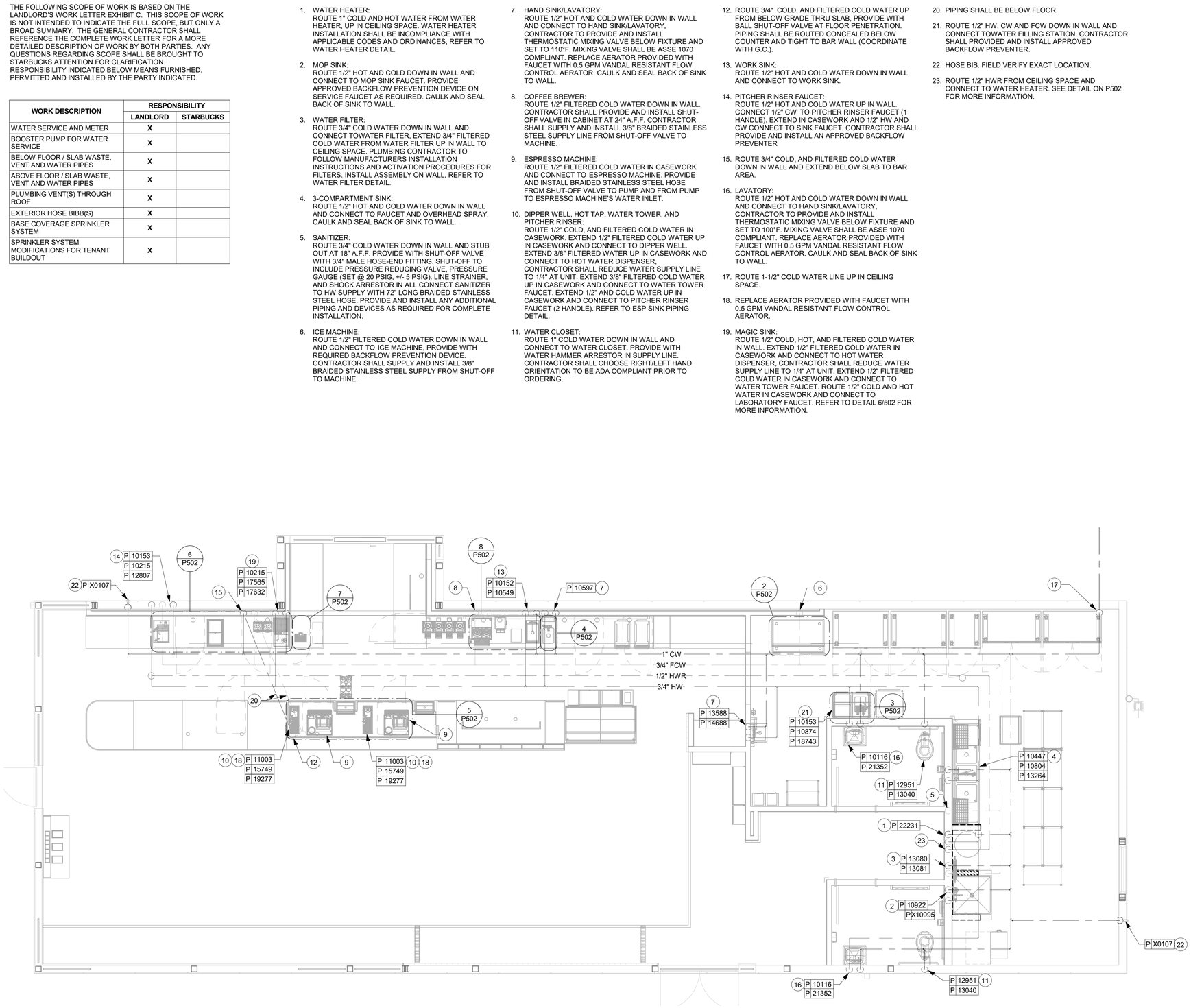
E. DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.

F. REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.

G. COLD WATER SUPPLY LINES INSIDE CASEWORK AND BAR AREA TO BE COVERED WITH 1/2" (10MM) THICK SELF SEALING, SECTIONAL CLOSED-CELL FOAM INSULATION. REFER TO SPECIFICATIONS FOR HOT WATER SUPPLY LINE INSULATION REQUIREMENTS.

H. INSULATE ALL PIPING INCLUDING PIPES AT BAR AND IN CASEWORK PER THE REQUIREMENTS LISTED IN THE PROJECT MANUAL.

I. GENERAL CONTRACTOR SHALL CONTACT WATER FILTRATION SUPPLIER TO COORDINATE SOW AND SCHEDULE PRIOR TO INSTALLATION OF WATER FILTRATION SYSTEM.



FLOOR PLAN - PLUMBING SUPPLY PLAN

Scale: 1/4" = 1'-0"

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 41099 ENGINEER BRIAN J. MARTZ

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING SUPPLY PLAN
SCALE: AS SHOWN

SHEET NUMBER:
P101

KEYED NOTES

1. CONNECT TO EXISTING 4" SANITARY WASTE PIPING BELOW FLOOR. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH OF INVERT, AND DIRECTION OF FLOW PRIOR TO START OF ANY WORK.
2. ESPRESSO SINK:
   ROUTE 1-1/2" INDIRECT WASTE PIPING IN CASEWORK TO NEW FLOOR SINK, FIELD VERIFY EXACT LOCATION.
3. ICE BIN:
   ROUTE 1-1/2" INDIRECT WASTE PIPING FROM ICE BIN IN CASEWORK TO FLOOR SINK, FIELD VERIFY EXACT LOCATION.
4. HAND SINK:
   ROUTE 2" GREASE WASTE PIPING BELOW AND EXTEND UP IN WALL, TRANSITION TO 1-1/2" GREASE WASTE PIPING AND CONNECT TO SINK. EXTEND 1-1/2" VENT PIPING UP IN WALL TO CEILING SPACE.
5. WORK SINK:
   ROUTE 1-1/2" INDIRECT WASTE PIPING IN CASEWORK TO NEW FLOOR SINK. FIELD VERIFY EXACT LOCATION WITH APPROVED AIR GAP.
6. CONTRACTOR SHALL ROUTE 4" VENT THRU ROOF. ROOF PENETRATION SHALL BE MADE BY LANDLORD'S ROOFING CONTRACTOR. LANDLORD'S ROOFING CONTRACTOR SHALL MAKE ROOF PENETRATION WEATHER TIGHT. VENT THRU ROOF SHALL BE A MINIMUM OF 12'-0" FROM ANY OUTDOOR AIR INTAKES.
7. ROUTE 1" INDIRECT WASTE PIPING FROM CBS DRAIN BOARD TO FLOOR SINK. FIELD VERIFY EXACT LOCATION.
8. ROUTE 1-1/2" INDIRECT WASTE PIPING FROM PITCHER RINSER SINK TO FLOOR SINK. FIELD VERIFY EXACT LOCATION.
9. ROUTE INSULATED INDIRECT DRAIN PIPING BEHIND UNDERCOUNTER REFRIGERATOR, TIGHT TO WALL. CONTRACTOR SHALL PROVIDE AND INSTALL BUMPER GUARDS AS REQUIRED.
10. ROUTE WASTE PIPING FROM ESPRESSO MACHINE DRAIN TRAY TO FLOOR SINK. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT MANUFACTURE'S RECOMMENDATIONS.
11. WATER HEATER:
    ROUTE 3/4" PRESSURE RELIEF TO MOP SINK. ROUTE 1" INDIRECT DRAIN FROM WATER HEATER DRAIN PAN TO MOP SINK. ROUTE CONDENSATE DRAIN FROM WATER HEATER TO MOP SINK.
12. MOP SINK:
    ROUTE 3" GREASE WASTE UP AND CONNECT TP MOP SINK, EXTEND 2" VENT UP IN WALL TO CEILING SPACE.
13. WATER CLOSET:
    ROUTE 4" SANITARY WASTE UP AND CONNECT TO WATER CLOSET, EXTEND 2" VENT UP IN WALL TO CEILING SPACE.
14. LAVATORY:
    ROUTE 2" SANITARY WASTE PIPING BELOW SLAB AND EXTEND UP IN WALL, TRANSITION TO 1-1/2" SANITARY WASTE PIPING AND CONNECT TO LAVATORY. EXTEND 1-1/2" VENT PIPING UP IN WALL TO CEILING SPACE. CONTRACTOR SHALL PROVIDE AND INSTALL PIPE PROTECTOR FOR P-TRAP AND SUPPLIER, TRUEBRO LAVGUARD 2 OR EQUAL.
15. 3-COMPARTMENT SINK:
    SINK SHALL DISCHARGE TO GREASE INTERCEPTOR. ROUTE WASTE PIPING FROM SINK TO FLOOR SINK THROUGH MINIMUM 2" AIR GAP.
16. SANITIZER:
    ROUTE 1-1/2" INDIRECT DRAIN TO CLOSET FLOOR SINK.
17. ICE MACHINE:
    ROUTE (2) 3/4" INSULATED INDIRECT DRAINS TO FLOOR SINK. DO NOT INTERCONNECT DRAINS.
18. FLOOR SINK:
    ROUTE 3" GREASE WASTE UP AND CONNECT TO FLOOR SINK, EXTEND 1-1/2" VENT UP IN WALL TO CEILING SPACE.
19. FLOOR CLEANOUT:
    CLEANOUT SHALL BE INSTALLED FLUSH WITH FINISHED FLOOR.
20. NOT USED.
21. ROUTE 1" INDIRECT DRAIN FROM NITRO DRIP TRAY TO FLOOR SINK WITH APPROVED AIR GAP.
22. CONNECT TO EXISTING 4" GREASE WASTE/SANITARY WASTE PIPING BELOW GRADE. FIELD VERIFY EXACT LOCATION, SIZE, DEPTH OF INVERT, AND DIRECTION OF FLOW PRIOR TO START OF ANY WORK.
23. FLOOR SINK:
    ROUTE 4" GREASE WASTE UP AND CONNECT TO FLOOR SINK.
24. FLOOR DRAIN:
    ROUTE 3" SANITARY WASTE UP IN WALL AND CONNECT TO FLOOR DRAIN, EXTEND 1-1/2" VENT UP IN WALL TO CEILING SPACE.
25. MAGIC SINK:
    ROUTE 1-1/2" INDIRECT WASTE PIPING IN CASEWORK TO NEW FLOOR SINK WITH APPROVED AIR GAP, FIELD VERIFY EXACT LOCATION.
26. ROUTE INDIRECT DRAIN FROM WATER FILLING STATION TO FLOOR SINK WITH APPROVED AIR GAP.

GENERAL NOTES

A. SEE PLUMBING SPECIFICATIONS FOR FURTHER REQUIREMENTS.

B. ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.

C. REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.

D. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.

E. DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.

F. REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.

G. WHEN BUILDING SEVERAL INDIRECT WASTE LINES TO DRAIN INTO A FLOOR SINK, A UNISTRUT IS REQUIRED FOR SECURING AND BRACING ALL LINES ABOVE THE DRAIN.

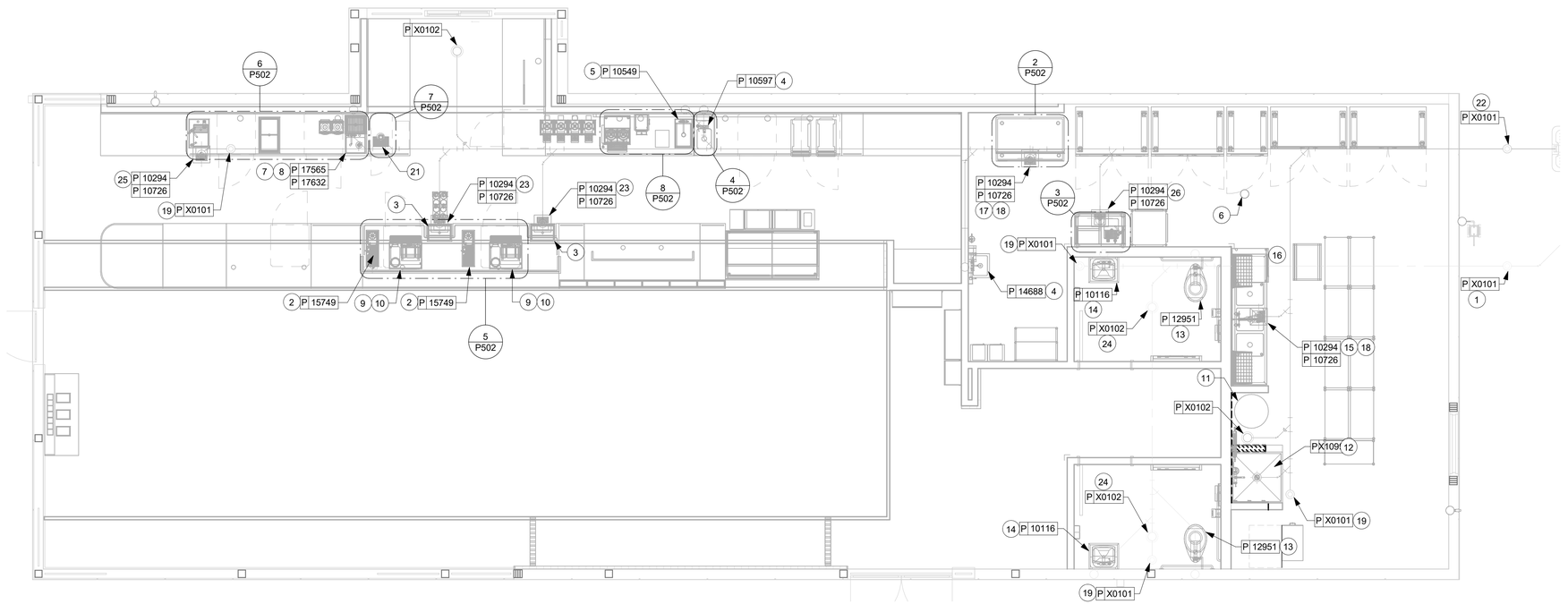
H. FURNISH & INSTALL ALL NEEDED INDIRECT DRAINS PER CODE (NOT ALL SHOWN). INSTALL DRAINS AT 2% SLOPE WHERE POSSIBLE WITHOUT DIPS OR SAGS. ALL INDIRECT DRAINS SHALL RUN SEPARATELY FROM EACH OTHER TO INDIRECT DRAIN RECEPTOR AND SHALL TERMINATE WITH AN AIR GAP PER CODE.

I. FURNISH & INSTALL WALL CLEANOUTS AT ALL SINKS, AS NEEDED, AND PER CODE (NOT ALL SHOWN).

J. INSULATE ICE BIN DRAINAGE PIPES PER THE REQUIREMENTS ON THE PLUMBING SPECIFICATION SHEET.

K. STACK TEST ON DRAINS AND VENTS SHALL BE PROVIDED AT TIME OF UNDERGROUND AND ROUGH IN INSPECTIONS.

L. ANY PVC DRAIN AND VENT PIPING SHALL BE SCHEDULE 40 PVC ASTM 2665. NO CELLULAR CORE PVC OR ABS PIPE ALLOWED.



FLOOR PLAN - PLUMBING WASTE & VENT PLAN

Scale: 1/4" = 1'-0"

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SHEET TITLE:
PLUMBING WASTE & VENT PLAN
SCALE: AS SHOWN

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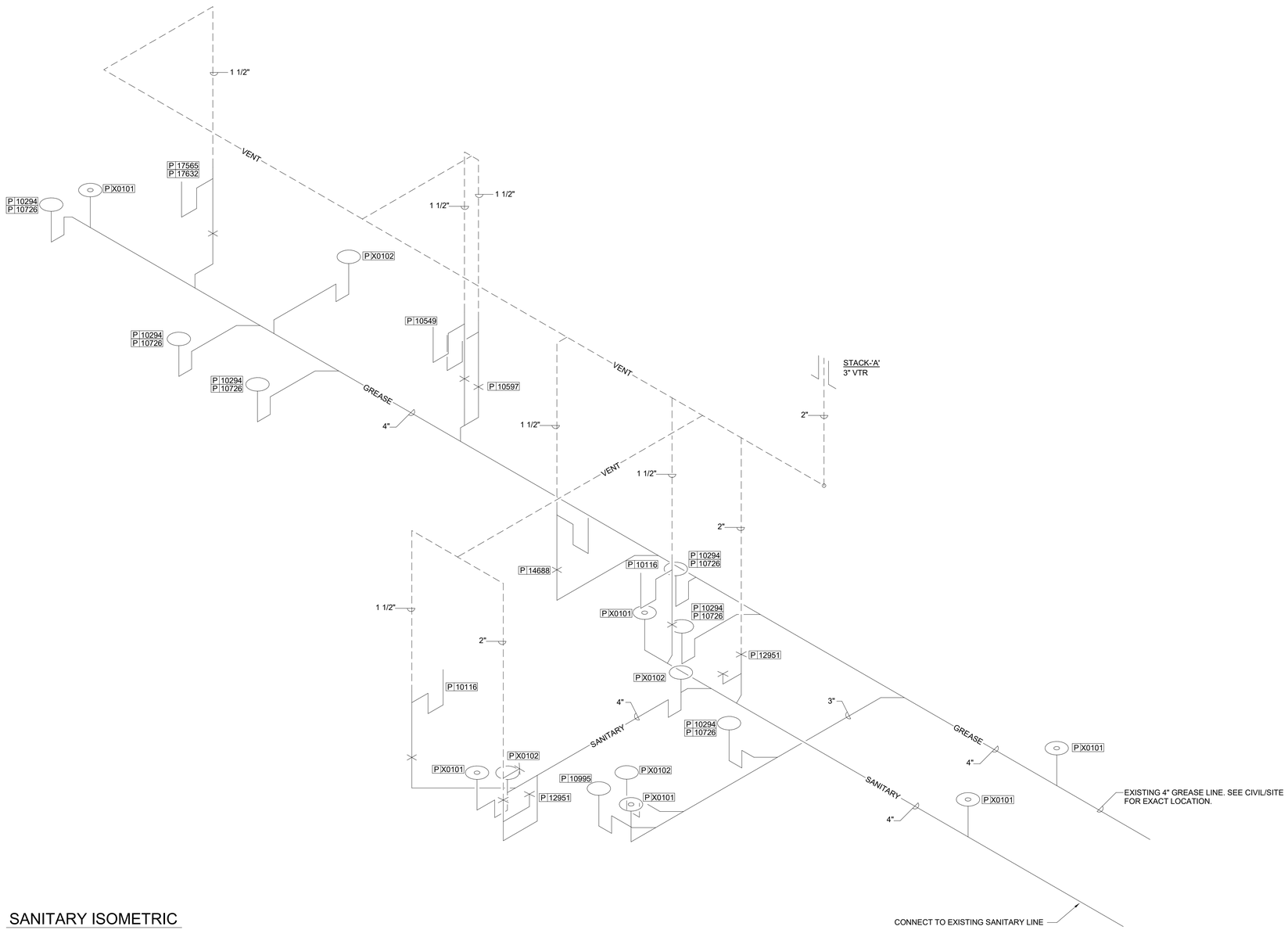

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PLUMBING WASTE & SANITARY ISOMETRIC
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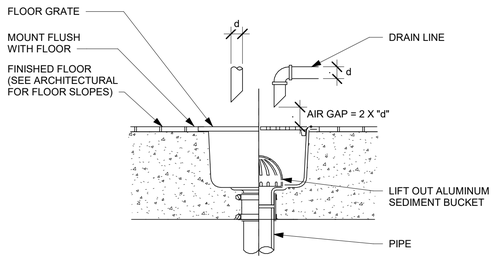

10 FLOOR SINK DETAIL

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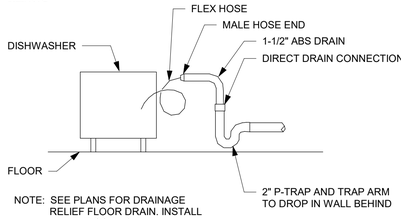

NOTE: SEE PLANS FOR DRAINAGE RELIEF FLOOR DRAIN. INSTALL ALL PER CODE & AHJ.

6 DISHWASHER DRAIN DETAIL

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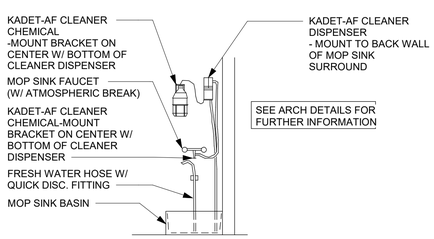

7 CHEMICAL MIXER DETAIL

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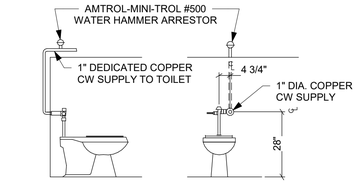
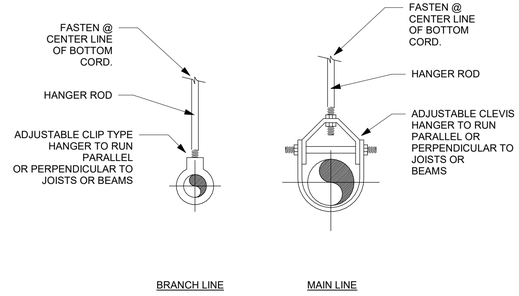


NOTES:
1. WATER HAMMER ARRESTOR SHALL BE LOCATED IN AN ACCESSIBLE LOCATION. COORDINATE W/ GC FOR ACCESS PANEL(S) AS MAY BE NEEDED.
2. 1" PIPE RUNOUT TO TOILET SHALL NOT EXCEED 20 FT IN LENGTH.
3. WATER HAMMER ARRESTORS SHALL BE INSTALLED ON EACH RUNOUT FEEDING EACH FLUSH VALVE.
4. URINAL FLUSH VALVES (IF APPLICABLE) SHALL HAVE A WATER HAMMER ARRESTOR INSTALLED PER THE REQUIREMENTS OF THIS DETAIL.
5. MODIFY THIS DETAIL AS NEEDED IF WALL MOUNTED TOILETS ARE INSTALLED.

8 TOILET SUPPLY DETAIL

Scale: NTS



9 PIPE HANGER DETAIL

Scale: NTS

DETAIL NOTES

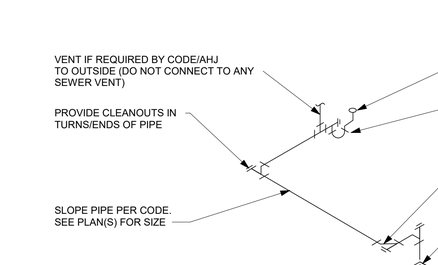
1. THIS DETAIL IS SCHEMATIC ONLY. SEE THE PLAN DRAWINGS.
2. ALL WATER HOSES SHALL BE THE MINIMUM LENGTH NEEDED AND SUPPORTED AS NEEDED TO AVOID STRESSING CONNECTIONS AND COILING EXCESSIVE HOSE. ROUTE TO AVOID KINKING AND ALLOW SPACE FOR UNDER COUNTER REFRIGERATOR AND ACCESS TO EQUIPMENT AND VALVES.
3. ALL PIPING SHALL BE HELD TIGHT TO WALLS, SLOPED WHERE NEEDED AND ROUTED TO ALLOW ACCESS TO EQUIPMENT AND VALVES.
4. ROUTE HORIZONTAL PIPING A MINIMUM OF 6" ABOVE FLOOR.
5. COORDINATE LOCATION AND ELEVATION OF ALL EQUIPMENT WITH OTHER TRADES. ORIENT PUMP AS NEEDED TO ALLOW MAINTENANCE.

4 ESPRESSO MACHINE PIPING CONNECTION DETAIL

Scale: NTS

5 ESP SINK PIPING DETAIL

Scale: NTS



NOTES:
1. F&I ALL WORK PER CODE AND AHJ REQUIREMENT EVEN IF NOT SPECIFICALLY SHOWN.
2. ALL PIPES SHALL BE RIGIDLY SUPPORTED AND ALL SUPPORTS & PIPING SHALL BE MOUNTED OFF THE FLOOR FOR CLEANING PURPOSES.
3. ALL INDIRECT DRAIN DISCHARGES SHALL OCCUR OVER CLEAR AREA OF FLOOR SINK AND NOT OVER GATE.
4. SLOPE ALL PIPES PER CODE AND F&I TRAPPED INDIRECT DRAIN AND VENT IF REQUIRED BY CODE AND/OR AHJ. (NOT SHOWN)

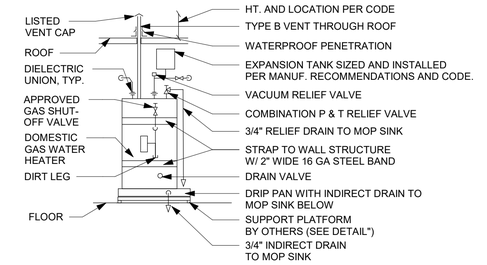
1 SINK INDIRECT DRAIN DETAIL

Scale: NTS

NOTES:
1. F&I ALL WORK PER CODE AND AHJ REQUIREMENT EVEN IF NOT SPECIFICALLY SHOWN.
2. ALL PIPES SHALL BE RIGIDLY SUPPORTED AND ALL SUPPORTS & PIPING SHALL BE MOUNTED OFF THE FLOOR FOR CLEANING PURPOSES.
3. ALL FLEXIBLE INDIRECT DRAIN LINES FOR APPLIANCES SHALL BE INSTALLED PER CODE/AHJ AND MANUF. REQUIREMENTS. SUPPORT LINES SO THERE ARE NO SAGS OR DIPS IN LINE.

2 TYPICAL CONDENSATE/EQUIPMENT INDIRECT DRAIN DETAIL

Scale: NTS



3 GAS WATER HEATER DETAIL

Scale: NTS

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 41099 ENGINEER
09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
PROJECT #:	85334-001
ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

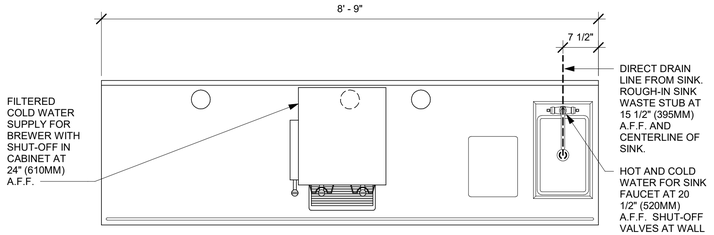
Rev	Date	By	Description

SHEET TITLE: PLUMBING DETAILS

SCALE: AS SHOWN

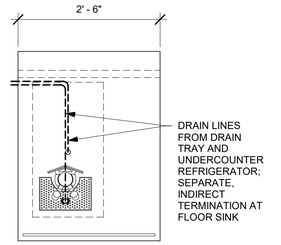
SHEET NUMBER: P501

9/2/2021 9:07:52 AM BIM 360://Starbucks 2020 (Revit 2021)/85334-001_59763 Hwy 24 & Brinkley Hill_BIM360.rvt



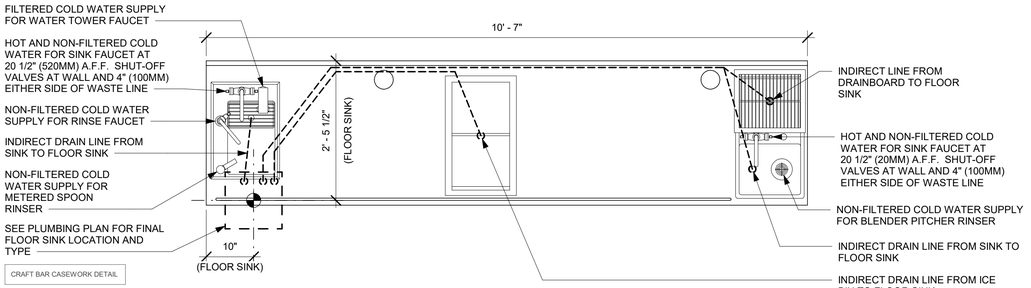
8 BRW 03-02 PLUMBING

Scale: 3/4" = 1'-0"



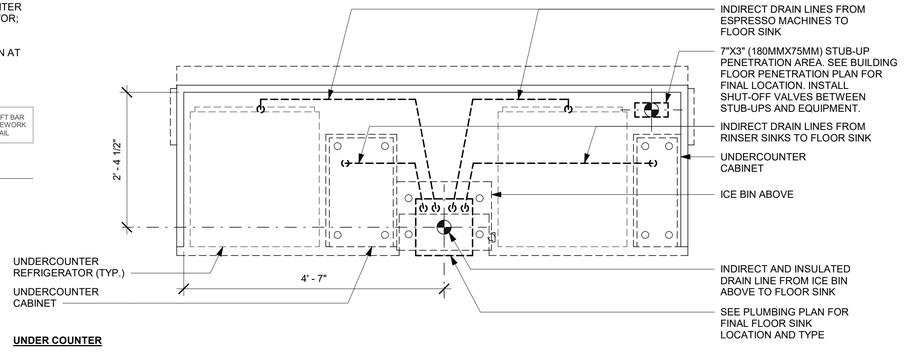
7 NIT 13-01 PLUMBING

Scale: 3/4" = 1'-0"

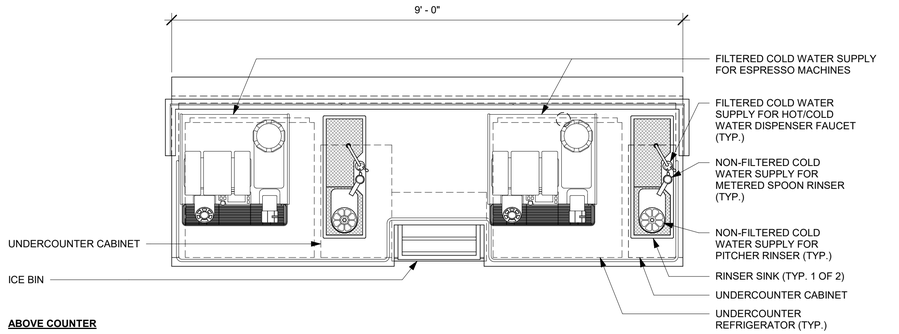


6 CBE 04-03 PLUMBING

Scale: 3/4" = 1'-0"



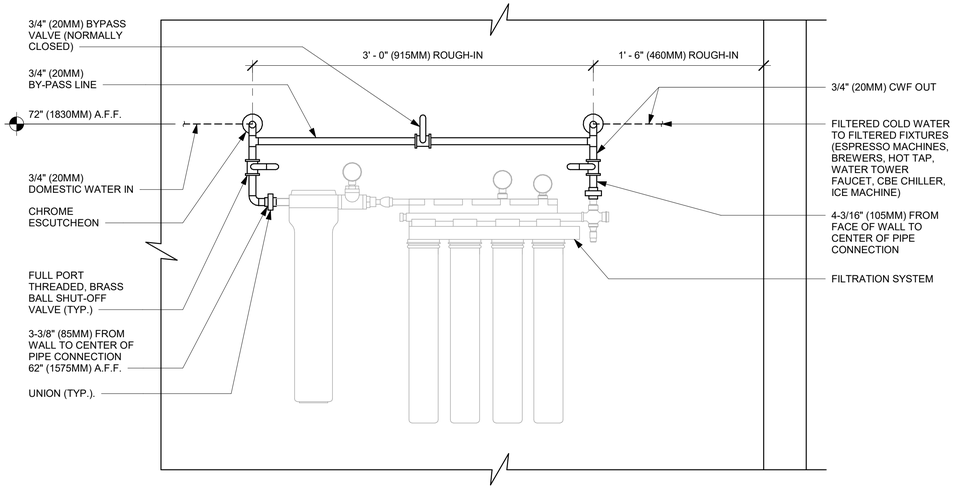
UNDER COUNTER



ABOVE COUNTER

5 ESP 07-02 PLUMBING

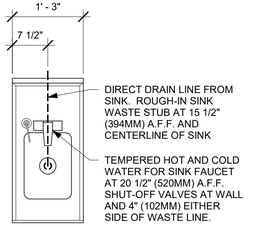
Scale: 3/4" = 1'-0"



NOTES:
1. ALL COMPONENTS DRAWN IN BOLD ARE GC RESPONSIBILITY. GC TO COORDINATE INSTALLATION OF ALL OTHER COMPONENTS SHOWN WITH FILTER VENDOR.
2. ALL PIPING SHALL BE COPPER EXCEPT PEX TYPE PIPING WHICH IS ACCEPTABLE BETWEEN FILTER SYSTEM COMPONENTS WHERE ALLOWED BY CODE.
3. COMPONENTS ARE TO BE POSITIONED TO MAXIMIZE ACCESS FOR REGULAR SERVICING. PRE-FILTER, BYPASS VALVES, AND SOFTENER TANKS MUST BE INSTALLED 72" (1828MM) A.F.F. OR LOWER.

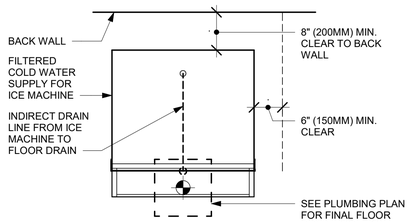
1B CONFIGURATION I, BASE WATER FILTRATION

Scale: 1 1/2" = 1'-0"



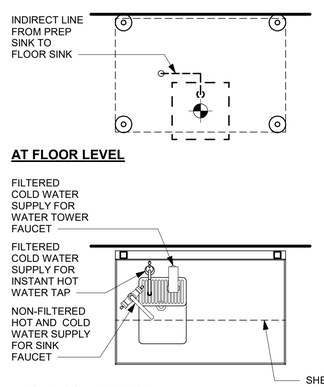
4 ADD 02-01 PLUMBING

Scale: 3/4" = 1'-0"



2 ICE MACHINE - PLUMBING

Scale: 3/4" = 1'-0"



AT FLOOR LEVEL

ABOVE COUNTERTOP

3 WATER FILLING STATION - PLUMBING

Scale: 3/4" = 1'-0"

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GPD PROJECT NO: 2020261.36

NORTH CAROLINA PROFESSIONAL SEAL 41099 ENGINEER BRIAN M. MARSZAL

09/02/2021

PROJECT NAME: HWY 24 & BRINKLEY HILL

PROJECT ADDRESS: 2778 NC-24 CAMERON, NC 28326

STORE #:	59763
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ISSUE DATE:	For Construction 09/01/21
DESIGN MANAGER:	ASHLEY SUEIRAS
PRODUCTION DESIGNER:	GPD GROUP
CHECKED BY:	GPD GROUP

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
P502

PLUMBING FIXTURE SCHEDULE - "P"

DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
10294	6	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	
X0101	4	GRADE CLEANOUT	GC	GC	ZURN ZN1474, GRADE CLEANOUT, NICKEL BRONZE COVER.
X0102	4	FLOOR DRAIN	GC	GC	
X0107	2	WALL HYDRANT	GC	GC	ZURN Z1321 WALL HYDRANT
DRAIN					
10294	1	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	ZURN FD2372-H, A.R.E. FLOOR SINK WITH 6" SUPM DEPTH AND 1/2 GRATE.
10726	6	FLOOR SINK - GRATE HALF SQUARE - 12IN 305MM	SB	GC	ZURN FD2372-H, A.R.E. FLOOR SINK WITH 6" SUPM DEPTH AND 1/2 GRATE.
FAUCET					
10152	1	FAUCET - DOUBLE LABORATORY WITH BENT RISER SPOUT	SB	GC	
10153	2	FAUCET - WATER TOWER - 12IN 305MM	SB	GC	
10215	3	FAUCET - DOUBLE LABORATORY WITH SWING SPOUT	SB	GC	
10447	1	FAUCET - PRE RINSE SPRAYER WALL MOUNTED	SB	GC	1.2 GPM FLOW RATE
10597	1	FAUCET - SINGLE HANDLE	SB	GC	0.5 GPM FLOW RATE
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC	
10874	1	FAUCET - INSTAHOT SYSTEM SINGLE LEVER	SB	GC	0.5 GPM FLOW RATE
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC	
11003	3	FAUCET - METERED	SB	GC	METERED
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC	
15749	2	FAUCET - HOT AND COLD WATER SYSTEM	SB	GC	
21352	2	FAUCET - RESTROOM WITH MOTION SENSOR			
FILTER					
13076	1	FILTER - PREFILTRATION SYSTEM	SB	SB	GC TO COORDINATE WITH SB VENDOR
13080	1	FILTER - HEAD QUAD	SB	SB	GC TO COORDINATE WITH SB VENDOR
13081	4	FILTER - CARBON FILTER CARTRIDGE	SB	SB	GC TO COORDINATE WITH SB VENDOR
13149	1	FILTER - PRESSURE GAUGE	SB	SB	GC TO COORDINATE WITH SB VENDOR
OTHER					
22231	1	WATER HEATER TANK GAS - 199.9K BTU	GC	GC	BRADFORD WHITE MODEL NO. D-100L-199-3N, 199.9 MBH INPUT
SINK					
10116	2	SINK - RESTROOM WALL MOUNTED	SB	GC	
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB	GC	
12807	1	SINK - UTENSIL RINSE WITH GRATE SST - LH - 14X20IN 355X510MM	SB	GC	
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	SB	GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC	
17565	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X685MM	SB	GC	
17632	1	SINK - STACKED DRAINBOARD - 15IN 380MM	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
19277	2	SINK - COUNTERTOP RINSER WITH DRAIN TROUGH - 26X9IN 660X235MM	SB	GC	
X10995	1	SINK - MOP - 36X36IN	GC	GC	
TOILET					
12951	2	TOILET - TANKLESS EFFICIENT SINGLE FLUSH	GC	GC	SLOAN MODEL ST-2020-1.28, ADA COMPLIANT VITEROUS CHINA WATER CLOSET, WHITE, PROVIDE WITH CHURCH COMMERICAL 295CT TOILET SEAT
13040	2	TOILET - FLUSH VALVE AUTOMATIC EFFICIENT SINGLE FLUSH	GC	GC	SLOAN MODEL 8111-1.28 OPTIMA SYSTEMS BATTERY POWERED FLUSHOMETERS

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Revision Schedule

Rev	Date	By	Description

SHEET TITLE: PLUMBING SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER: P601

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