

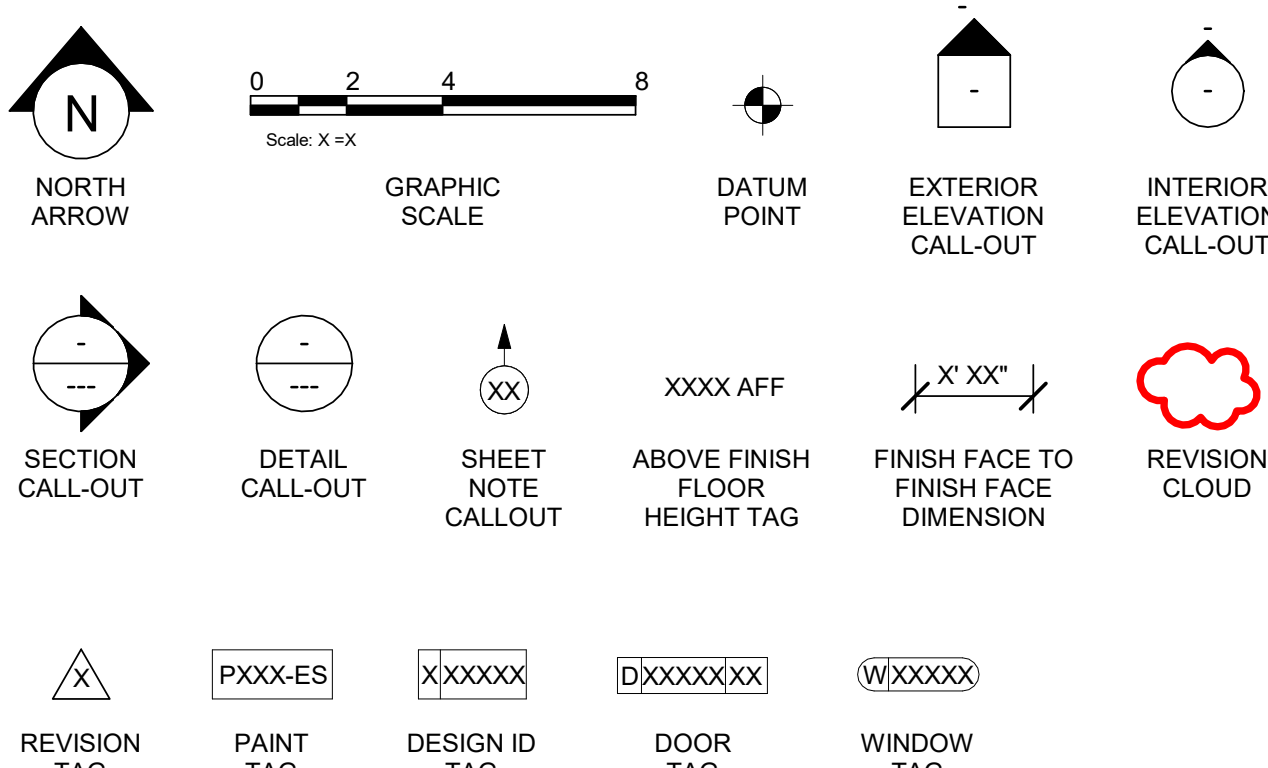
ABBREVIATIONS

A/C	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AF	ABOVE FINISHED FLOOR
AMP	AMPLIFIER
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	GYPSPUM 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

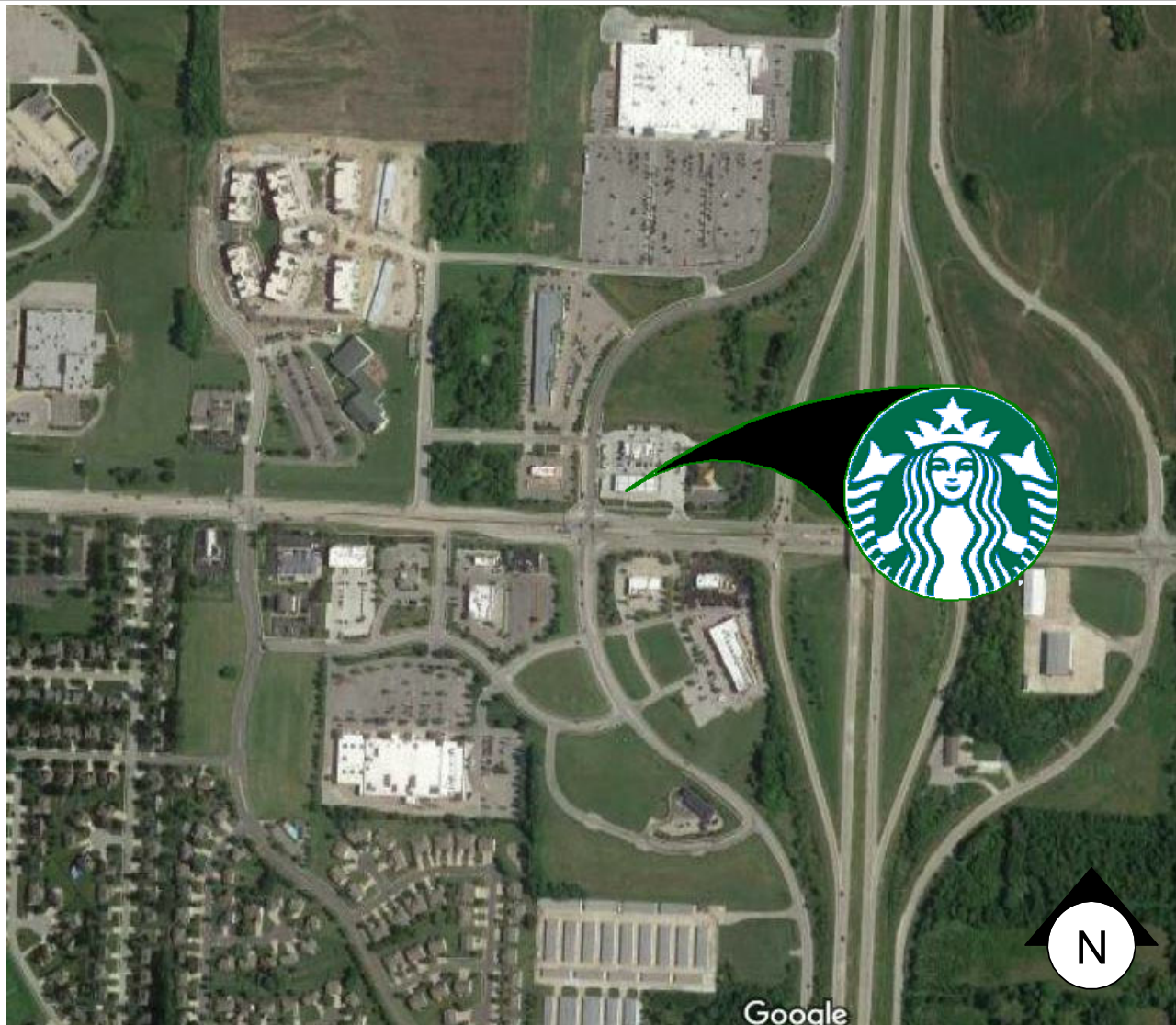
RESPONSIBILITY  
LEGEND

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

ARCHITECTURAL SYMBOL LEGEND

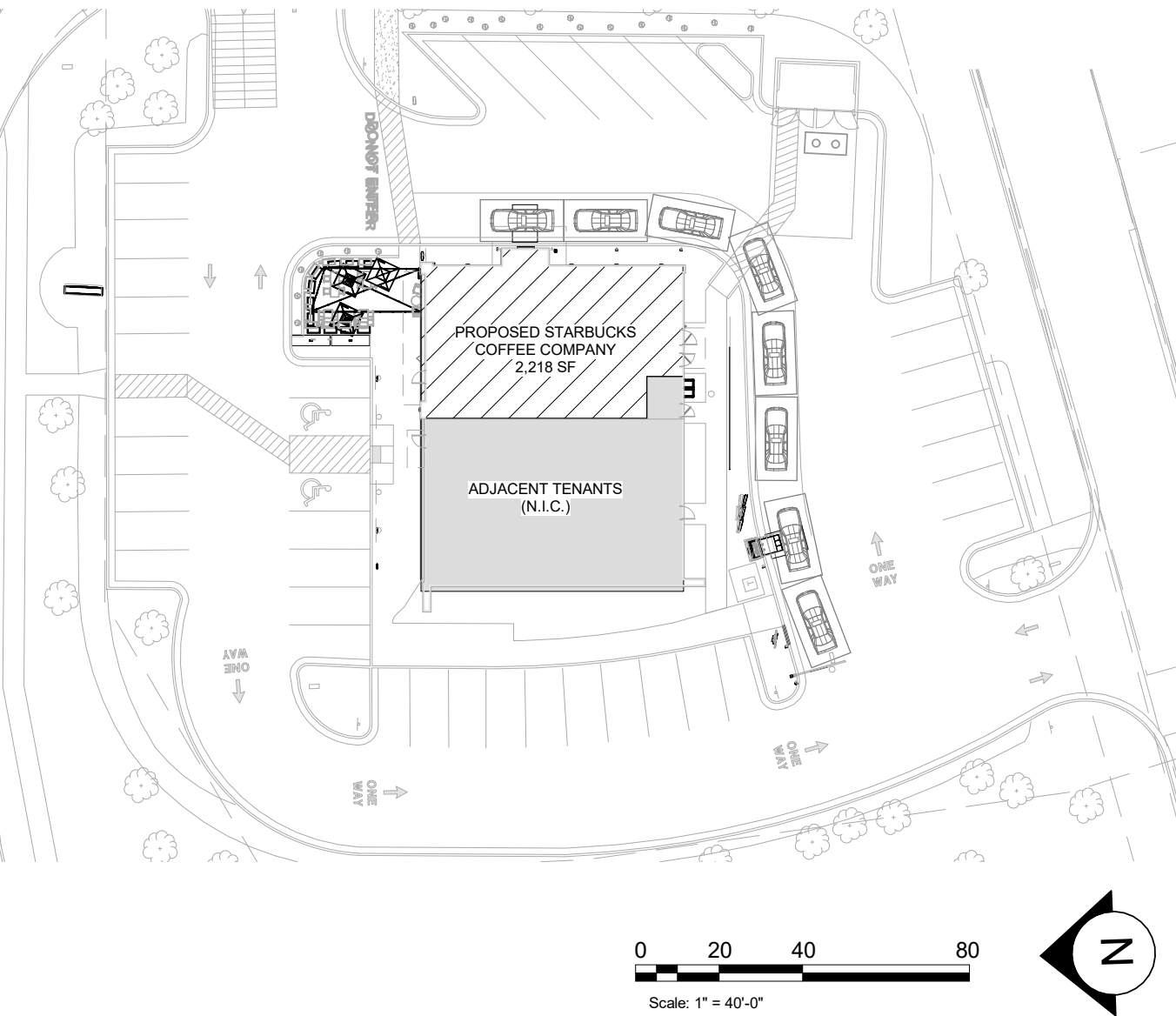


AERIAL MAP



KEY SITE PLAN

Scale: 1" = 40'-0"



PROJECT CONTACTS

SENIOR DESIGN MANAGER:	KATIE GORIN SLONSKI STARBUCKS COFFEE COMPANY 111 N CANAL ST, SUITE 450 CHICAGO, IL 60606 (312) 380-3688 PHONE KGORIN@STARBUCKS.COM
STORE DESIGNER:	CHITRA PATEL STARBUCKS COFFEE COMPANY (312) 380-3731 PHONE CHPATEL@STARBUCKS.COM
CONSTRUCTION MANAGER:	MATT ISCH STARBUCKS COFFEE COMPANY (214) 674-3225 PHONE MISCH@STARBUCKS.COM
LANDLORD:	NATHAN PALMER 1801 SANDY CREEK LANE, STE. 102 ORLANDO, FL 32826 (614) 586-3303 PHONE NPALMER@LEADERSRE.COM
ARCHITECT OF RECORD:	PETER DUBIN - NORR 325 N. LASALLE STREET, SUITE 500 CHICAGO, IL 60654 (312) 424-2400 PHONE PIERINA.BENVENUTO@NORR.COM EDURNE.VEGA@NORR.COM
MEP CONSULTANT OF RECORD:	WILLIAM ALKEMEYER 353 MARSHALL AVENUE, SUITE 100 ST. LOUIS, MO 63119 (314) 772-1782 PHONE (314) 772-1709 FAX SDORN@ALKEMEYER.COM
STRUCTURAL CONSULTANT OF RECORD:	ASHIF PANAKKAT RUBIX CONSULTANTS LLC (312) 602-5411 ASHIF@RUBIXC.COM

SCOPE OF WORK

TENANT BUILDOUT TO EXISTING BUILDING. SHELL MODIFICATIONS UNDER SEPARATE PERMIT.

GENERAL NOTES

- 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.
- 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.
- GENERAL CONTRACTOR SHALL CONSULT WITH STARBUCKS CONSTRUCTION MANAGER TO RESOLVE ANY CHANGES, OMISSIONS OR PLAN DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
- GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES.
- 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.
- 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.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEMS PRIOR TO INSTALLATION OF SUCH SYSTEMS.
- 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.
- 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.
- RESPONSIBILITY FOR SUPPLY AND DELIVERY OF MATERIALS AND EQUIPMENT IS IDENTIFIED IN THE DRAWING SCHEDULE SHEETS UNDER THE COLUMN LABELED "RESPONSIBILITY".
- 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.
- ALL ITEM SUBSTITUTIONS MUST BE APPROVED BY THE STARBUCKS CONSTRUCTION MANAGER.

SITE INFORMATION

CODE AUTHORITIES:	CITY OF LEE'S SUMMIT JACKSON COUNTY HEALTH DEPARTMENT
BUILDING CODE:	2018 INTERNATIONAL BUILDING CODE
PLUMBING CODE:	2018 INTERNATIONAL PLUMBING CODE
MECHANICAL CODE:	2018 INTERNATIONAL MECHANICAL CODE
ELECTRICAL CODE:	2017 NATIONAL ELECTRICAL CODE
FIRE CODE:	2018 INTERNATIONAL FIRE CODE
HEALTH CODE:	2013 MISSOURI FOOD CODE
ACCESSIBILITY CODE:	2017 ICC/ANSI A117.1
ZONING:	
ZONE:	CP2 WITH M-150 CORRIDOR DEV. OVERLAY
PROPOSED USE:	RETAIL SALES AND SERVICES
DEFERRED SUBMITTALS:	SIGNAGE

BUILDING INFORMATION

OCCUPANCY TYPE:	A2
BUILDING AREA:	5,000 SF
TENANT AREA:	2,219 SF
FIRE SPRINKLER:	NO
CONSTRUCTION TYPE:	II-B
BUILDING PERMIT #:	PRCOM20201668

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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G006	3D VIEWS					
G007	RENDERINGS					

ARCHITECTURAL						
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A007	ARCHITECTURAL SITE DETAILS					
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A102	BUILDING FLOOR PENETRATION PLAN					
A103	BUILDING ROOF PLAN					
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I103.1	DIMENSIONED RCP W/ UNDERLAY					
I104	FLOOR FINISH PLAN					
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I402	ENLARGED BAR PLANS					
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FINAL BID/PERMIT SET - 09.04.2020




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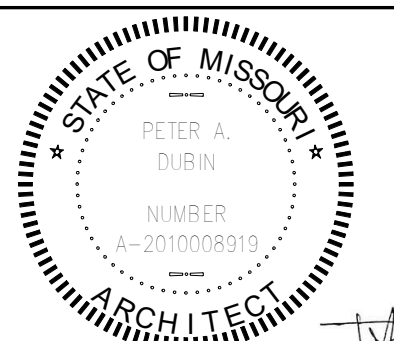
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STARBUCKS TEMPLATE VERSION i2020-01-31



William J. Alkemeyer, P.E.  
353 Marshall Avenue  
St. Louis, Missouri 63119  
Phone (314) 772-1782  
Fax (314) 373-3514

Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #:		63039
PROJECT #:		88084-001
ISSUE DATE:		09-04-2020
SR. DESIGN MANAGER:		K. GORIN-SLONSKI
PRODUCTION DESIGNER:		A. MAUSER
CHECKED BY:		NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE: <b>GENERAL INFORMATION</b>	
SCALE: AS SHOWN	
SHEET NUMBER: <b>G001</b>	



INDOOR SEATING CALCULATIONS		
DESCRIPTION	NUMBER OF ITEMS	TOTAL SEATS
BENCH	1 - 260"	3
TABLE TOP, SQUARE	6	12
TABLE TOP, OVAL ADA	4	4
LOUNGE	4	4
BANQUETTE	260 IN	14
TOTAL ACCESSIBLE SEATS		4
TOTAL		41

OUTDOOR SEATING		
DESCRIPTION	NUMBER OF ITEMS	TOTAL SEATS
TABLE TOP, ADA	2	4
TABLE TOP, SQUARE	6	12
LOUNGE	2	2
TOTAL ACCESSIBLE SEATS		2
TOTAL		18

EGRESS CALCULATION	
EXIT WIDTH REQUIRED - 70 OCC X .20	= 14 IN.
EXIT WIDTH PROVIDED	= 72 IN.
EXITS	= 36 IN. PRIMARY ENTRY, 36 IN. SECONDARY ENTRY
# EXITS REQUIRED	= 2
# EXITS PROVIDED	= 2 + 1 WORKROOM
MAXIMUM ALLOWABLE TRAVEL DISTANCE	= 200' - 0"
MAXIMUM TRAVEL DISTANCE PROVIDED	= 75' - 0"
MINIMUM EXIT SEPARATION	= 69' - 7 1/2" (MAXIMUM DIAGONAL) / 2 = 34' - 9 3/4"
EXIT SEPARATION PROVIDED	= 60' - 4 1/2"

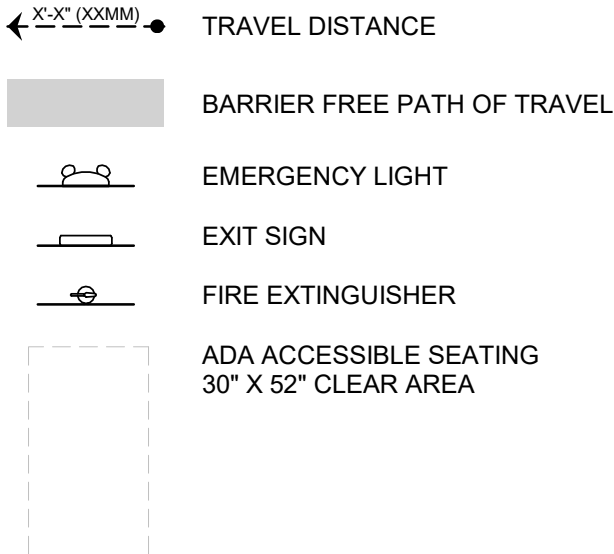
PLUMBING FIXTURE CALCULATION						
2018 INTERNATIONAL PLUMBING CODE						
OCCUPANCY	MALE	FEMALE	TOTAL	74 (INT. OCCUPANCY) + 18 (PATIO) = 92		
	46 OCC	46 OCC	46 OCC			
FIXTURES	WATERCLOSETS		URINALS		LAVATORIES	WATER FOUNTAIN
	1 PER 75 M // 1 PER 75 F		N/A		1 PER 200	N/A
	REQUIRED:	1 M	1 F	N/A	1 M	1 F
	PROVIDED:	1 M	1 F	N/A	1 M	1 F

OCCUPANCY	
CAFE: 630 SF / 15	42 OCC
STANDING: 45 SF / 5	9 OCC
BAR: 436 SF / 200	3 OCC
WORKROOM: 400 SF/ 300	2 OCC
LINEAR SEATING: 260 IN / 18	18OCC
TOTAL OCC LOAD:	74 OCC

## HEALTH DEPT. PLAN NOTES

- GENERAL CONTRACTOR TO SCHEDULE WITH REFRIGERATION CONTRACTOR TO CONDUCT INITIAL FOOD CASE START-UP AND TESTING. FOR APPROVED CONTRACTOR, CONTACT THE VENDOR.
- THE SPACE IS SERVED BY THE MUNICIPAL WATER AND SEWER SYSTEM UNLESS OTHERWISE NOTED.
- ALL EQUIPMENT AND INSTALLATION WILL MEET NATIONAL SANITATION FOUNDATION STANDARDS OR EQUIVALENT.
- EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS
- WARMING OVEN(S) SHOWN FOR PERMITTING PURPOSES. INSTALLATION AT STORE OPENING TO BE VERIFIED BY STARBUCKS CONSTRUCTION REPRESENTATIVE.
- EACH HAND WASHING WILL HAVE A SINGLE SERVICE TOWEL AND SOAP DISPENSER AND ALL HAND SINKS TO HAVE A COMBINATION FAUCET OR PREMIXING FAUCET.
- REFERENCE INTERIOR SCHEDULE SHEETS (I600 SERIES) FOR ADDITIONAL INFORMATION.
- PROVIDE SNEEZE GUARDS WHERE REQUIRED BY JURISDICTION.
- ALL FOOD STORAGE AND DISPLAY SHELVING SHALL BE A MINIMUM 6" (150MM) ABOVE FINISH FLOOR.

## LEGEND



## KEYED NOTES

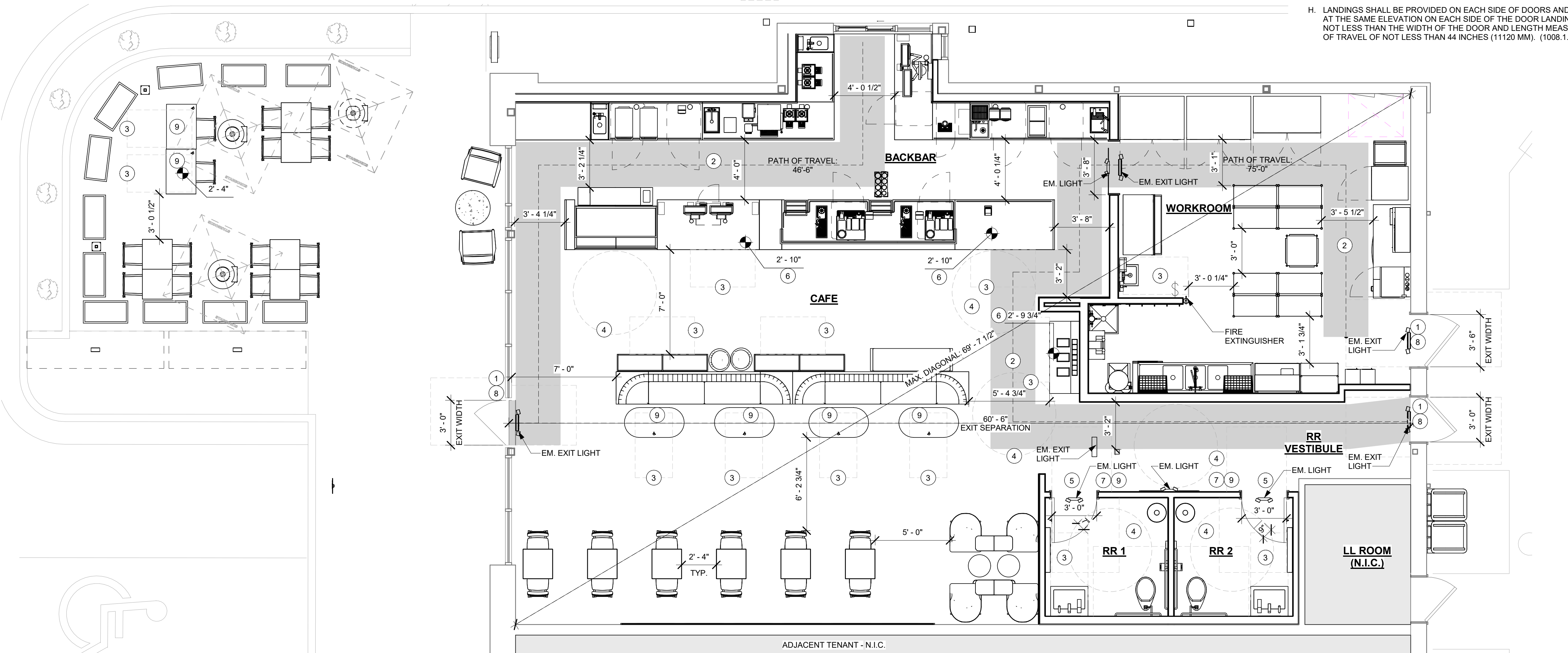
- THRESHOLDS TO BE BARRIER FREE COMPLIANT PER ALL APPLICABLE CODES.
- BARRIER-FREE PATH OF TRAVEL.
- 30" X 52" CLEAR FOR WHEELCHAIR ACCESS.
- 67" DIAMETER MINIMUM TURN RADIUS FOR WHEELCHAIR ACCESS.
- 32" MINIMUM CLEAR AT RESTROOM DOOR.
- POS TRANSACTION PLANE, CONDIMENT CART TOP AND HAND-OFF PLANE ARE 34 INCHES ABOVE THE FINISHED FLOOR FOR WHEELCHAIR ACCESSIBILITY.
- PROVIDE BARRIER-FREE SIGNAGE AT ACCESSIBLE RESTROOMS PER ALL APPLICABLE CODES.
- PROVIDE TACTILE "EXIT" SIGNAGE.
- PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN WHERE REQUIRED BY APPLICABLE LAWS OR CODES.

## HEALTH DEPT. FINISH SCHEDULE

<b>BAR</b>	FLOOR: POLYVINYL FLOORING
WALL:	POLYVINYL FLOORING
CEILING:	POLYVINYL BASE GYPSUM CEILING
<b>CAFE</b>	FLOOR: TILE
WALL:	WOOD CLADDING, PAINTED VINYL WALL COVERING, PAINTED GYP., COVED TILE BASE
CEILING:	ACOUSTIC CEILING TILES, GYP. SOFFIT
<b>WORKROOM</b>	FLOOR: POLYVINYL FLOORING
WALL:	FRP WITH COVED SCHLUTER POLYVINYL BASE
CEILING:	ACOUSTICAL CEILING TILE
<b>RESTROOM</b>	FLOOR: TILE
WALL:	TILE WITH COVED SCHLUTER BASE
CEILING:	PAINTED GYP.

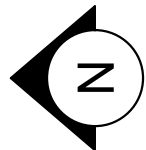
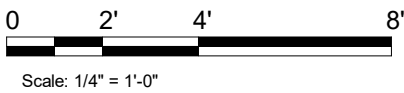
## MEANS OF EGRESS NOTES

- 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)
- EGRESS SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, CLOSETS OR SIMILAR SPACES. (1014.2)
- PANIC AND FIRE EXIT HARDWARE, WHERE INSTALLED ON DOORS IN THIS BUILDING SHALL SATISFY THE FOLLOWING (1008.1.10):
  - THE ACTUATION PORTION OF THE RELEASING DEVICE SHALL EXTEND AT LEAST ONE-HALF OF THE DOOR LEAF WIDTH.
  - THE MAXIMUM UNLATCHING FORCE DOES NOT EXCEED 15 POUNDS (6.8 KG).
  - 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.
  - PANIC HARDWARE LISTED IN ACCORDANCE WITH UL 305.
  - FIRE EXIT HARDWARE LISTED IN ACCORDANCE WITH UL 10C AND UL 305.
- 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)
- 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:
  - EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.
  - EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL.
  - 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.
- 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)
- 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)
- 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)




## LIFE SAFETY & ACCESSIBILITY PLAN

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



FINAL BID/PERMIT SET - 09.04.2020




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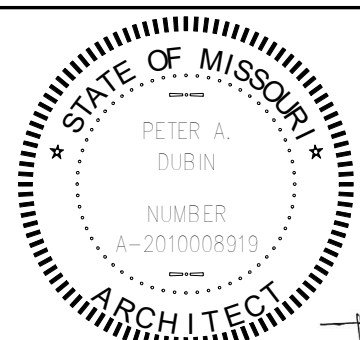
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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**

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Phone (314) 772-1782  
Fax (314) 373-3514

Engineering Consultant

  
SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

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

SHEET NUMBER:  
**G002**







SHOWN FOR DESIGN INTENT ONLY



CAFE VIEW FROM RR VESTIBULE



VIEW OF FRONTBAR



CAFE VIEW FROM ENTRY



CAFE VIEW FROM POS



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NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A  
WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

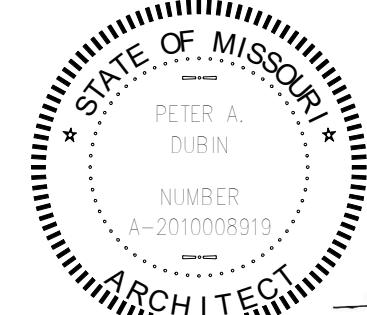
STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**



William J. Alkemeyer, P.E.  
353 Marshall Avenue  
St. Louis, Missouri 63119  
Phone (314) 772-1782  
Fax (314) 373-3514

Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

FINAL BID/PERMIT SET - 09.04.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLOSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**3D VIEWS**

SCALE: AS SHOWN

SHEET NUMBER:  
**G006**



SHOWN FOR DESIGN INTENT ONLY



VIEW FROM MOP




VIEW FROM POS



VIEW FROM ENTRY



VIEW FROM FRONTBAR




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(206) 318-1575

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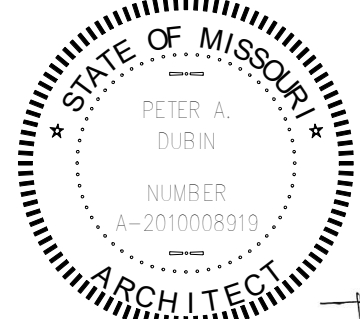
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PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**RENDERINGS**

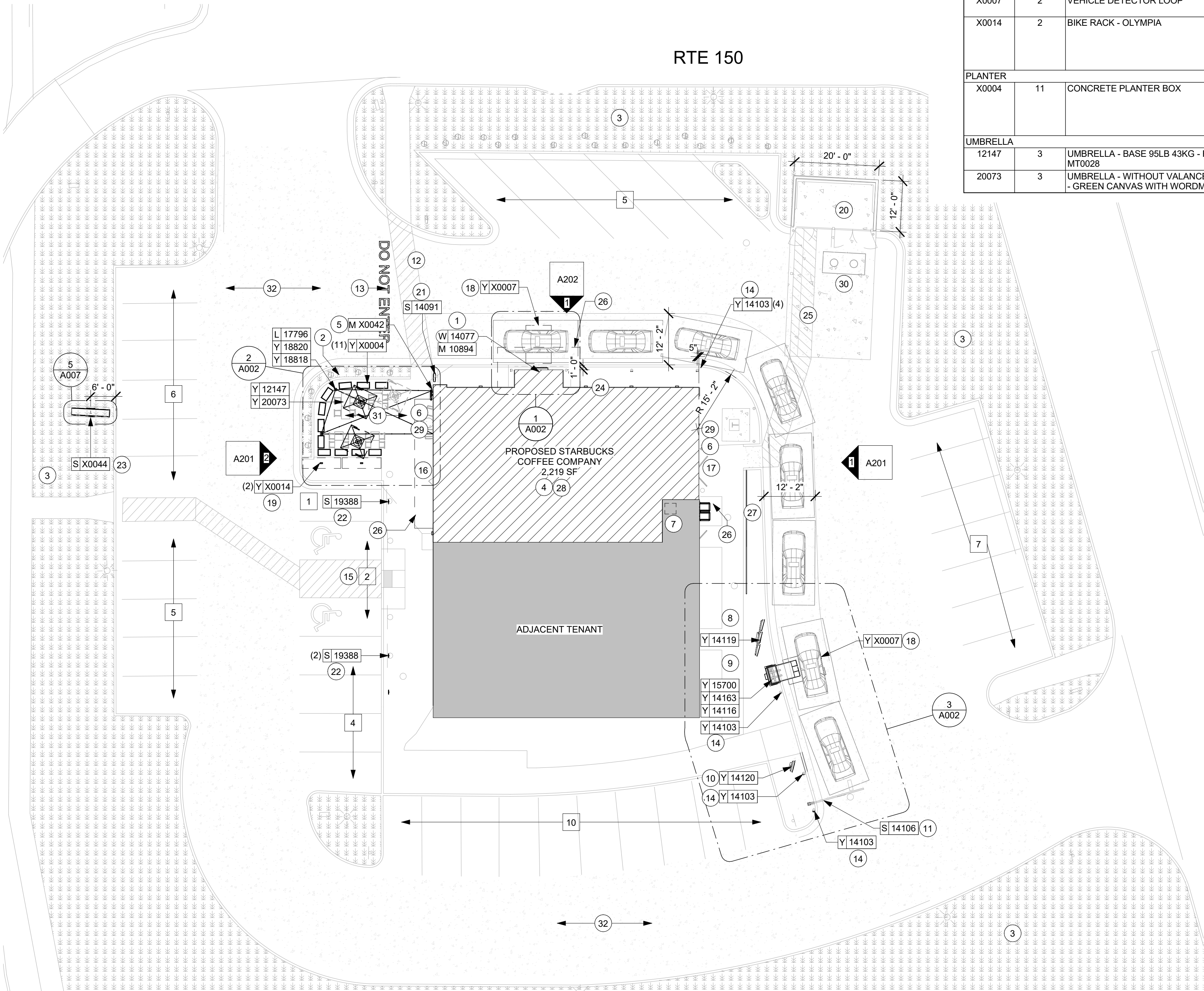
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SHEET NUMBER:  
**G007**



RTE 291

RTE 150



ARCHITECTURAL SITE PLAN - FOR REFERENCE ONLY

Scale: 1/16" = 1'-0"

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	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). SCREEN INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL: GC CONNECTS DOS WHIPS & STUB-UPS TO DCB.
14119	1	MENU BOARD - DT 5 PANEL FREESTANDING - 108X65IN 2745X1650MM - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
14120	1	MENU BOARD - DT PRE MENU FREESTANDING - 36X65IN 915X1650MM - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
15700	1	MENU BOARD - DT DIGITAL ORDER SCREEN CONTROL BOX	SB	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL CONNECTION: GC. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
OTHER					
14103	7	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	LL	LL	DSA PHOTOTECH. SEE DTL.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
18818	2	LIGHT POLE - 10FT 300CM - FLAT BLACK MT0028	SB	GC	GC TO PROVIDE AIRLINE CABLE AND HOOKS AS NEEDED FOR LIGHT INSTALLATION.
18820	2	LIGHT POLE BASE PLATE - FLAT BLACK MT0028	SB	GC	
X0007	2	VEHICLE DETECTOR LOOP	SB	GC	SUPPLIER: DT AUDIO VENDOR (HME). INSTALLER: GC. LL TO PROVIDE CONDUIT
X0014	2	BIKE RACK - OLYMPIA	LL	LL	FORMS & SURFACES: OLYMPIA BIKE RACK. WWW.FORMS-SURFACES.COM; INSTALL PER MANUFACTURER'S RECOMMENDATIONS.FINISH: STANDARD BLACK TEXTURE.
PLANTER					
X0004	11	CONCRETE PLANTER BOX	LL	LL	CONCRETE PLANTERS WITH IRRIGATION BY LANDLORD. LL TO PROVIDE SPEC TO CM FOR APPROVAL.LL TO PROVIDE LANDSCAPING.COORDINATE WITH OPERATIONS PRIOR TO INSTALLATION.
UMBRELLA					
12147	3	UMBRELLA - BASE 95LB 43KG - FLAT BLACK MT0028	SB	GC	
20073	3	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - GREEN CANVAS WITH WORDMARK F0056	SB	GC	

## GENERAL NOTES

- REFER TO EXTERIOR ELEVATIONS ON SHEET A201 FOR BUILDING SIGNAGE LOCATION AND DESIGN ID. REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.
  - LANDSCAPING TO BE PROVIDED PER ZONING CODE AND SUSTAINABILITY REQUIREMENTS.
  - 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.
  - PROVIDE 6" (150MM) THICK CONCRETE PAVING THE LENGTH OF THE DRIVE-THRU LANE. EXTENT TO INCLUDE DRIVE-THRU ENTRY POINT THROUGH WINDOW STANDING PAD.
  - GENERAL CONTRACTOR TO APPLY CONCRETE SEALER TO ALL EXTERIOR CONCRETE PATIO AND WALKWAY SURFACES.
  - GENERAL CONTRACTOR TO VERIFY ALL EXISTING ELEVATIONS AND BUILDING CONDITIONS IN FIELD PRIOR TO START OF CONSTRUCTION.
  - PROVIDE DETECTABLE WARNING (IF APPLCABLE PER LOCAL CODE) AT TRANSITION FROM SIDEWALK TO DRIVE AISLE.
  - ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL HAVE SURFACE SLOPE NOT TO EXCEED 2% IN ALL DIRECTIONS.
  - REFER TO ELECTRICAL DRAWINGS FOR SITE RELATED ELECTRICAL WORK.
  - SCRAPE AND REPAINT ALL EXISTING PAINTED SITE FEATURES, INCLUDING, BUT NOT LIMITED TO CURBS, BOLLARDS, RAILINGS AND SITE LIGHTING BASES.
  - SEE SHEET A002 FOR ARCHITECTURAL SITE DETAILS.
- DRIVE-THRU WINDOW AND AIR CURTAIN BY LL.
  - LANDSCAPE BUFFER AREA AT PATIO BY LL.
  - PROPERTY LINE.
  - PROVIDE PROTECTIVE BOLLARDS ON BOTH SIDES OF EXTERIOR UTILITY SERVICES ADJACENT TO VEHICULAR TRAFFIC. EXAMPLES INCLUDE FIRE STAND PIPE, GAS AND ELECTRICAL METERS, SITE TRANSFORMERS, ETC.
  - WALL MOUNTED FANS. LL TO PROVIDE POWER IN WALL.
  - PROVIDE COVERED EXTERIOR ELECTRICAL OUTLETS PER LANDLORD WORK LETTER. SEE EXTERIOR ELEVATIONS FOR MORE INFORMATION.
  - INTERIOR ROOF ACCESS BY LL, IN LL ROOM.
  - 5-PANEL MENU BOARD. LL TO PROVIDE AND INSTALL CONDUIT, FOOTING, AND ANCHOR BOLTS PER LLWL.
  - DIGITAL ORDER SCREEN AND CANOPY. REFER TO DOS CONTROL BOX DETAILS FOR MORE INFO. LL TO PROVIDE AND INSTALL CONDUIT, FOOTING, AND ANCHOR BOLTS PER LLWL.
  - PRE-MENU BOARD. LL TO PROVIDE AND INSTALL CONDUIT, FOOTING AND ANCHOR BOLTS PER LLWL.
  - FREESTANDING CLEARANCE BAR. LL TO PROVIDE AND INSTALL FOOTING AND ANCHOR BOLTS PER LLWL.
  - LL TO PROVIDE PEDESTRIAN CROSSWALK STRIPING, INC. CURB CUTS.
  - LL PROVIDED 'DO NOT ENTER' PAVEMENT MARKING.
  - LL TO PROVIDE AND INSTALL 5IN SQUARE, NON ILLUMINATED BOLLARDS AS INDICATED PER LLWL. REFER TO SITE DETAILS FOR MORE INFORMATION.
  - ADA PARKING, STRIPING, CURB CUTS AND SIGNAGE BY LL.
  - BUILDING ENTRANCE BY LL.
  - 42" REAR EXIT DOOR BY LL.
  - INSTALL VEHICLE DETECTOR LOOP @ CENTERLINE FOR ORDER POINT & DRIVE THRU WINDOW. REFER TO SITE DETAILS FOR MORE INFORMATION. LL TO PROVIDE ELECTRICAL.
  - BIKE RACK PROVIDED BY LL PER STARBUCKS SPECIFICATIONS.
  - TRASH ENCLOSURE BY LL. TRASH SPACE SHALL BE 12'D X 20'W X 7'H.
  - ILLUMINATED DRIVE THRU 'EXIT ONLY' THANK YOU' SIGN. LL TO PROVIDE AND INSTALL CONDUIT, FOOTING AND ANCHOR BOLT CONNECTIONS.
  - "MOBILE ORDER PAY PARKING ONLY" SIGN - POST AND FOOTING BY LL, SIGN BY SIGNAGE VENDOR.
  - MONUMENT SIGN BY LL. SBUX TO PROVIDE PANEL FACES ONLY. BASE SIGN, FOOTING, ANCHOR BOLTS, AND CONDUIT TO BE PROVIDED BY LL.
  - DRIVE-THRU LANE TO BE 1'-0" AWAY FROM BUMPOUT PER LL CRITERIA PACKAGE.
  - EMPLOYEE PATH AND CURB CUTS TO TRASH ENCLOSURE BY LL PER LLWL.
  - INDICATES BUILDING CANOPY ABOVE. TO BE PROVIDED BY LL.
  - REAR SCREENING FOR OUTSIDE TRASH BINS BY LL.
  - STARBUCKS SIGNAGE VENDOR TO COORDINATE APPROVALS AND PERMITS FOR EXTERIOR SIGNAGE SEPARATELY AS REQUIRED. **NOT INCLUDED IN TENANT BUILDOUT APPLICATION.**
  - LL TO PROVIDE KEYED, FROST-FREE, RECESSED HOSE BIB PER LLWL. SEE EXTERIOR ELEVATIONS FOR MORE INFORMATION.
  - SCHIER GB-75 GREASE INTERCEPTOR BY LL.
  - PATIO SEATING AREA BY LL. LL TO PROVIDE IRRIGATED PLANTERS, NATIVE PLANTS, AND LANDSCAPED AREA AS INDICATED. ELECTRICAL FOR FANS/ STRING LIGHTS TO BE PROVIDED BY LL PER LLWL.
  - LL TO PROVIDE 6" THICK CONCRETE SURFACE THROUGHOUT LOT AND DRIVE-THRU LANE PER LLWL.

## LEGEND

CONCRETE PAD BY LL

LANDSCAPE AREA

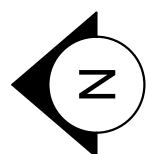
## KEYED NOTES

- DRIVE-THRU WINDOW AND AIR CURTAIN BY LL.
- LANDSCAPE BUFFER AREA AT PATIO BY LL.
- PROPERTY LINE.
- PROVIDE PROTECTIVE BOLLARDS ON BOTH SIDES OF EXTERIOR UTILITY SERVICES ADJACENT TO VEHICULAR TRAFFIC. EXAMPLES INCLUDE FIRE STAND PIPE, GAS AND ELECTRICAL METERS, SITE TRANSFORMERS, ETC.
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**NOTE: SITE PLAN PREPARED IN REFERENCE TO THE LANDLORD CIVIL PLAN DATED: 07/23/20.**

**NOTE: ALL SIGNAGE UNDER SEPARATE PERMIT, SHOWN FOR COORDINATION PURPOSES ONLY.**

0 8' 16' 32'  
Scale: 1/16" = 1'-0"



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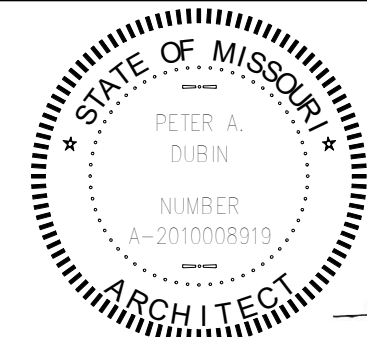
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Engineering Consultant



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PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

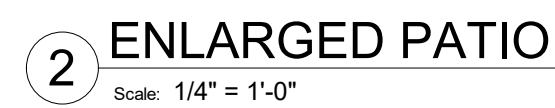
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Rev	Date	By	Description

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PLAN**

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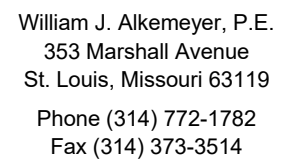
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# NORR



STATE OF MISSOURI  
PETER A. DUBIN  
NUMBER  
A-2010008919  
ARCHITECT

PROJECT NAME: BUILDOUT OF STARBUCKS

RT. 291 & 150

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

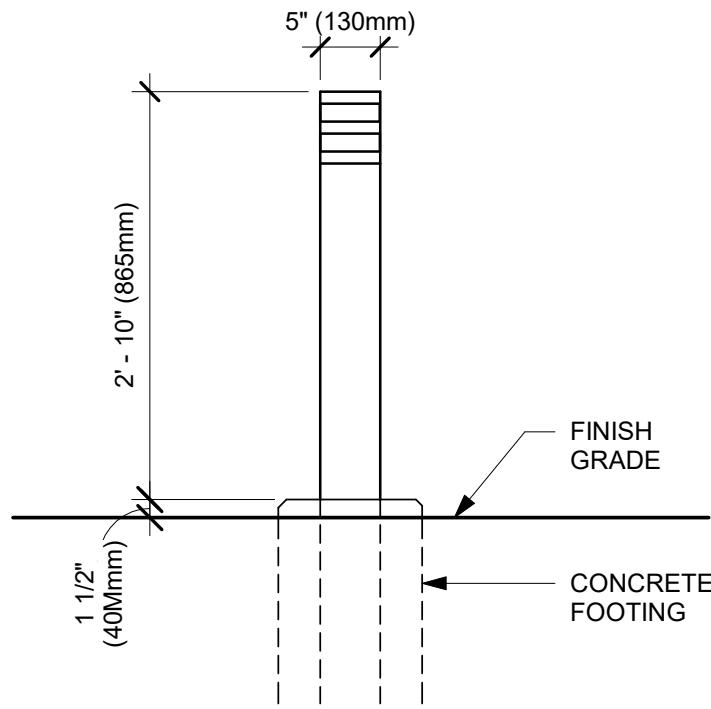
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PROJECT #:	88084-001
ISSUE DATE:	09-04-2020
SR. DESIGN MANAGER:	K. GORIN-SLONSKI
PRODUCTION DESIGNER:	A. MAUSER
CHECKED BY:	NORR

Revision Schedule			
Rev	Date	By	Description

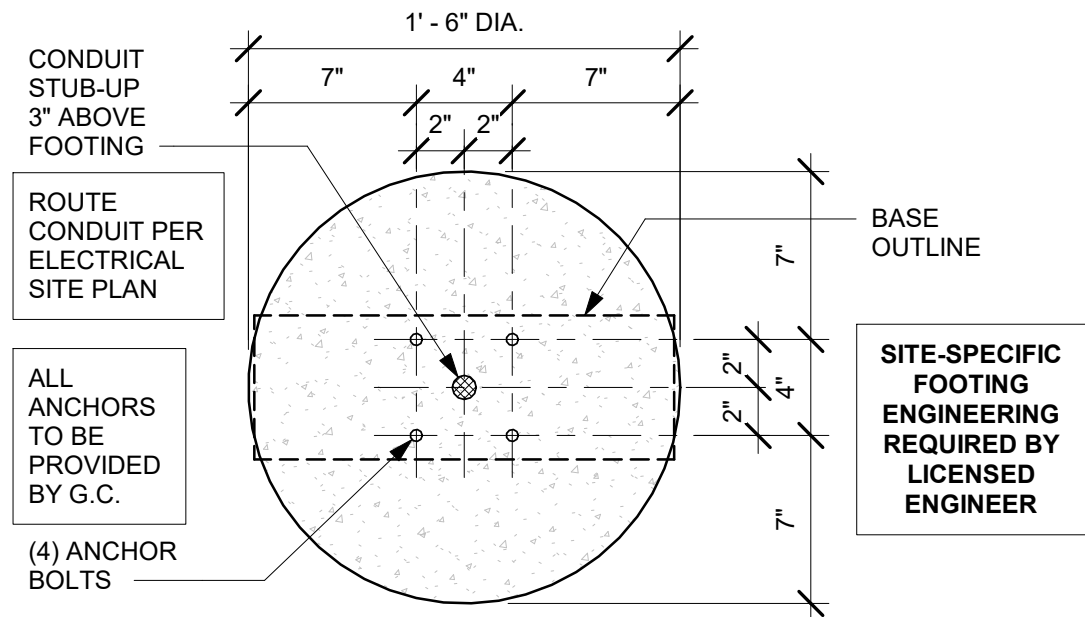
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SHEET NUMBER: A002

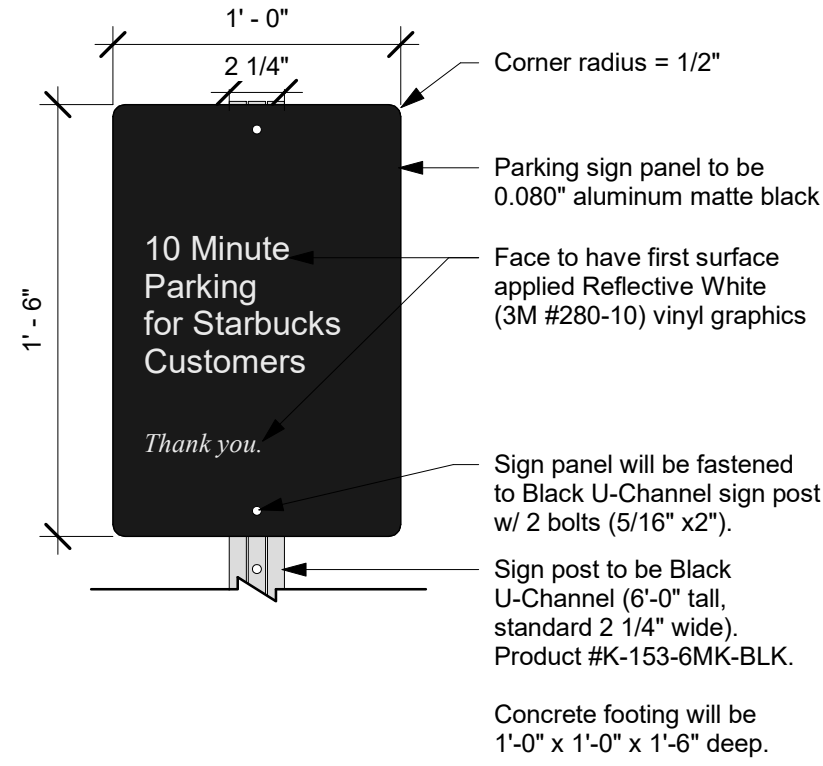




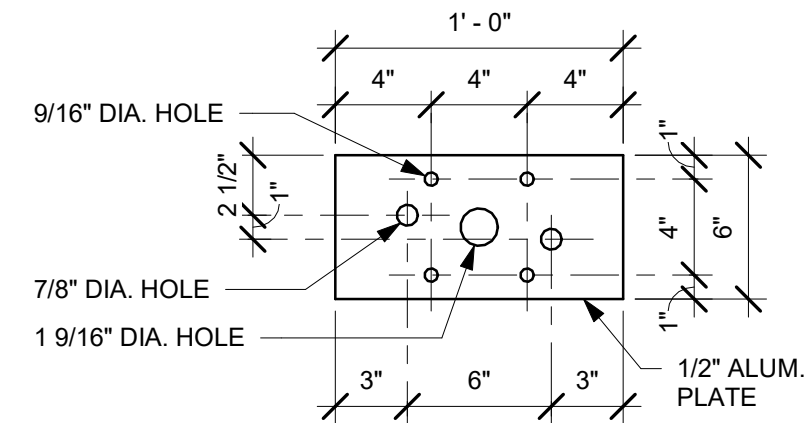
1 DTE - NON-ILLUMINATED BOLLARD  
Scale: 3/4" = 1'-0"



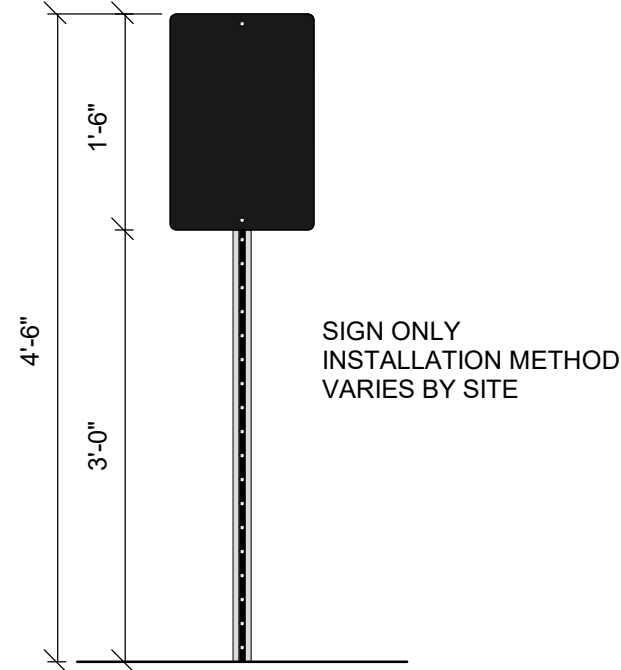
6 DTE EXIT SIGNAGE BOLT PATTERN  
Scale: 1 1/2" = 1'-0"



2 MOP SIGN - BY LL  
Scale: 1 1/2" = 1'-0"

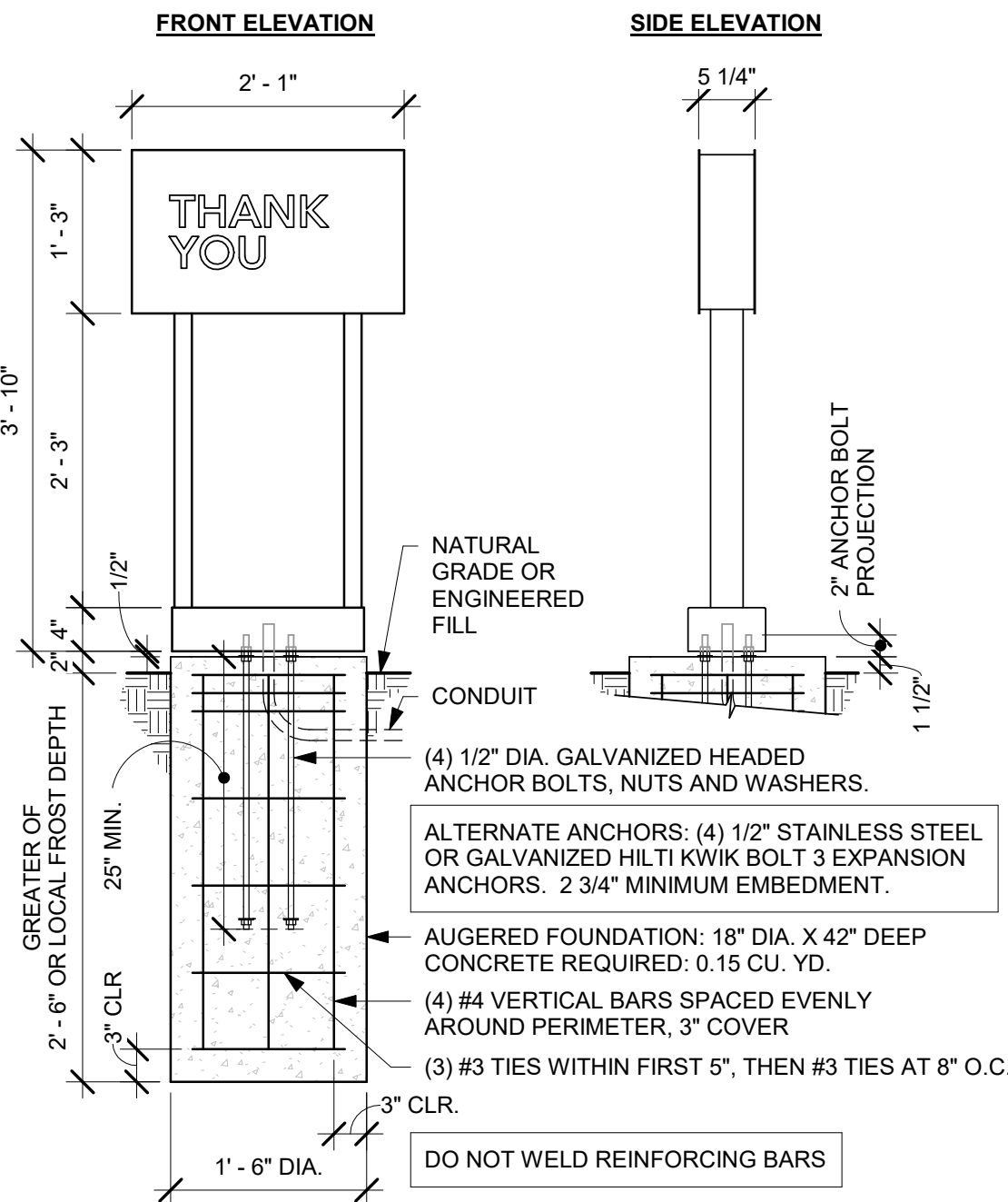


7 DTE EXIT SIGNAGE BASE PLATE  
Scale: 1 1/2" = 1'-0"



- NOTES:
1. SIGNAGE SHALL COMPLY WITH ADA GUIDELINES
  2. GC TO CONFIRM FOOTING REQUIREMENTS WITH SIGNAGE VENDOR

3 FOOTING @ MOP SIGN - BY LL  
Scale: 1/2" = 1'-0"



8 DTE - EXIT SIGN  
Scale: 3/4" = 1'-0"

NOTE: ALL SIGNAGE UNDER SEPARATE PERMIT, SHOWN FOR COORDINATION PURPOSES ONLY

NOTE: ALL STANDARD FOOTING DETAILS SHOWN FOR REFERENCE ONLY, UNDER LL SCOPE OF WORK. LL TO PROVIDE ENGINEERED DRAWINGS AS NEEDED.



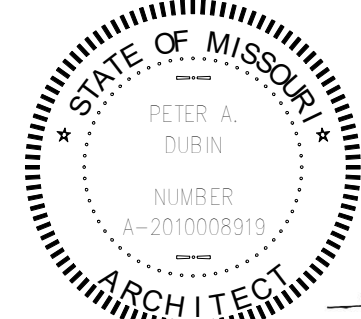
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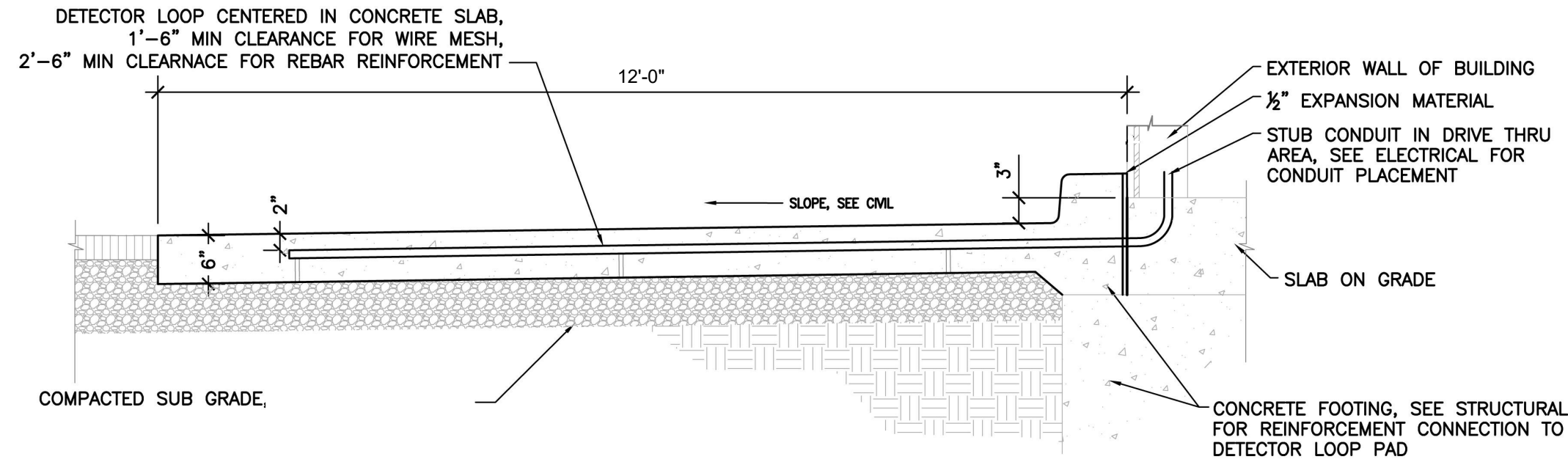
STORE #: 63039  
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SR. DESIGN MANAGER: K. GORIN-SLOSKI  
PRODUCTION DESIGNER: A. MAUSER  
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**ARCHITECTURAL SITE DETAILS**  
SCALE: AS SHOWN

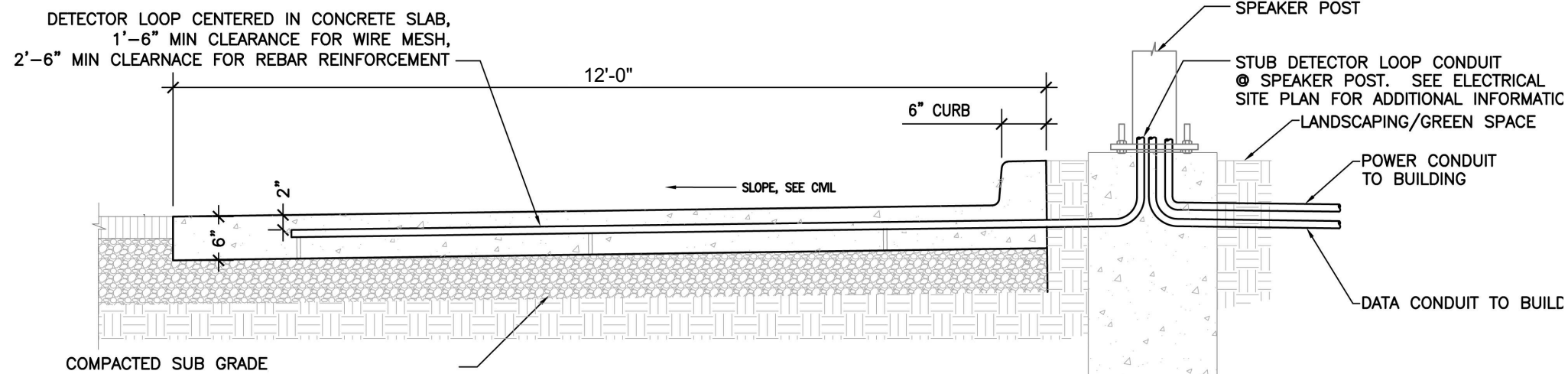
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NOTE: ALL SIGNAGE UNDER SEPARATE PERMIT, SHOWN FOR COORDINATION PURPOSES ONLY

NOTE: ALL STANDARD FOOTING DETAILS SHOWN FOR REFERENCE ONLY, UNDER LL SCOPE OF WORK. LL TO PROVIDE ENGINEERED DRAWINGS AS NEEDED.



NOTE: REFERENCE ELECTRICAL DRAWINGS & SIGNAGE SHOP DRAWINGS FOR DETECTOR LOOP INFORMATION & INSTALLATION INSTRUCTIONS

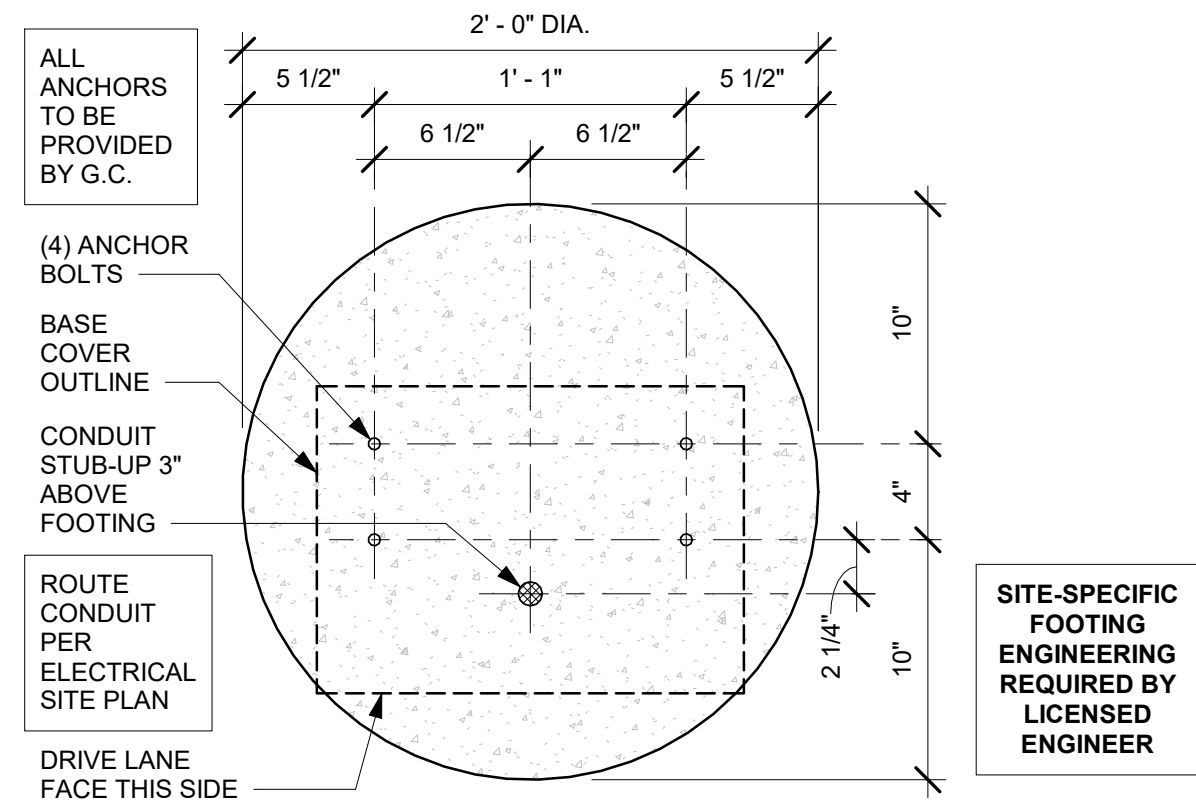
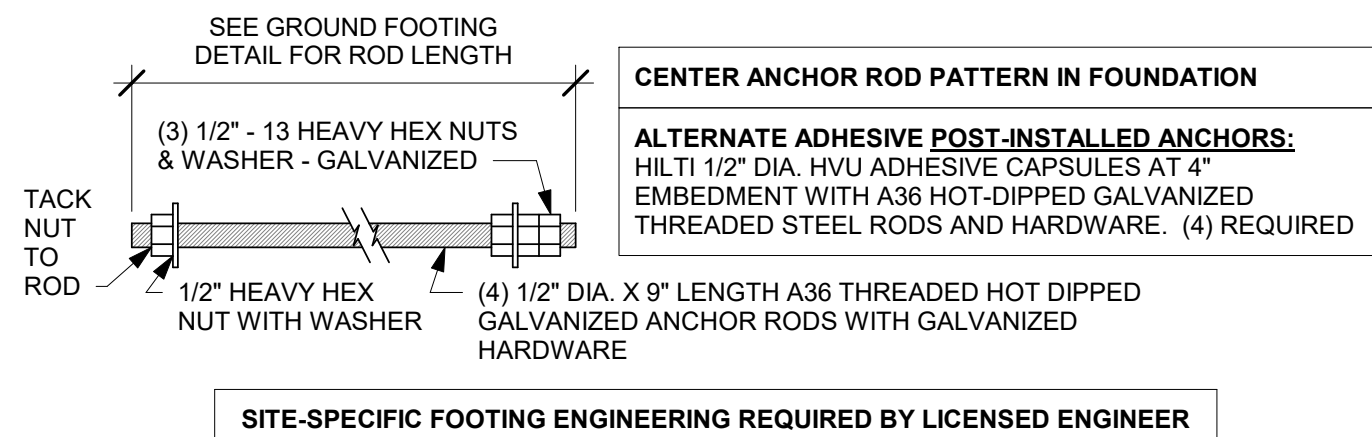
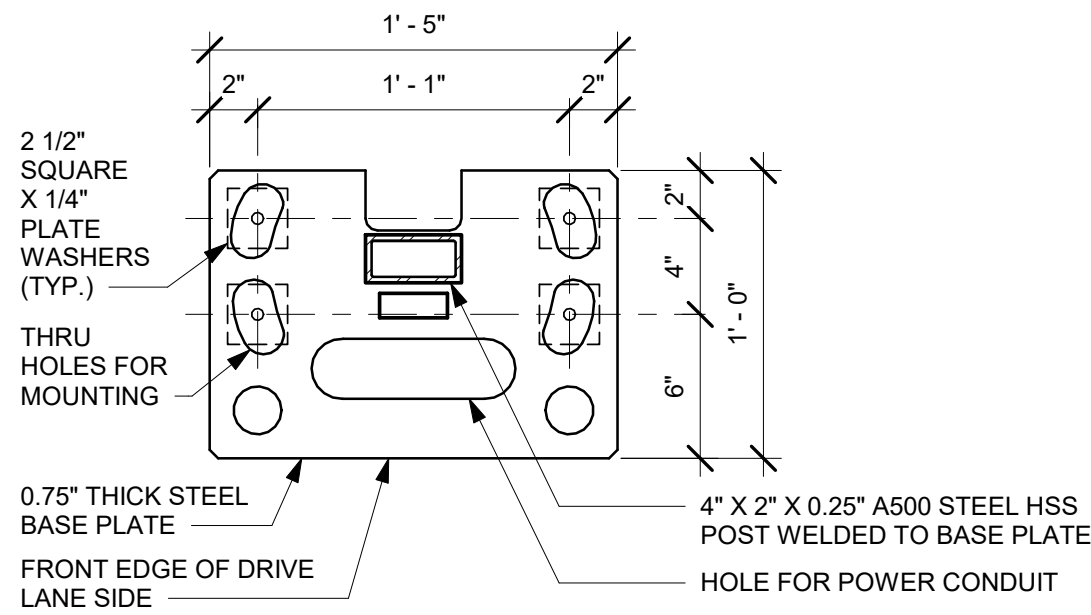
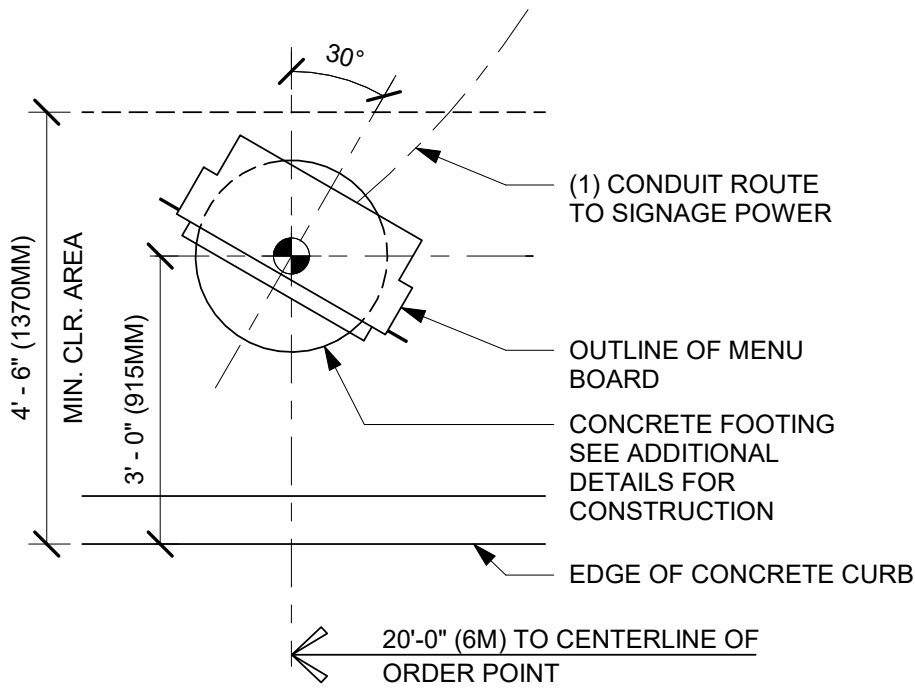
NOTE: REFERENCE ELECTRICAL DRAWINGS & SIGNAGE SHOP DRAWINGS FOR DETECTOR LOOP INFORMATION & INSTALLATION INSTRUCTIONS

1 SECTION @ DETECTOR LOOP IN OCNRETE PAD AT THE DRIVE THRU WINDOW

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

2 SECTION @ DETECTOR LOOP IN CONCRETE PAD AT THE MENU BOARD

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



3 DTE PRE-MENU 30 DEG

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

4 DTE PRE-MENU BASE PLATE

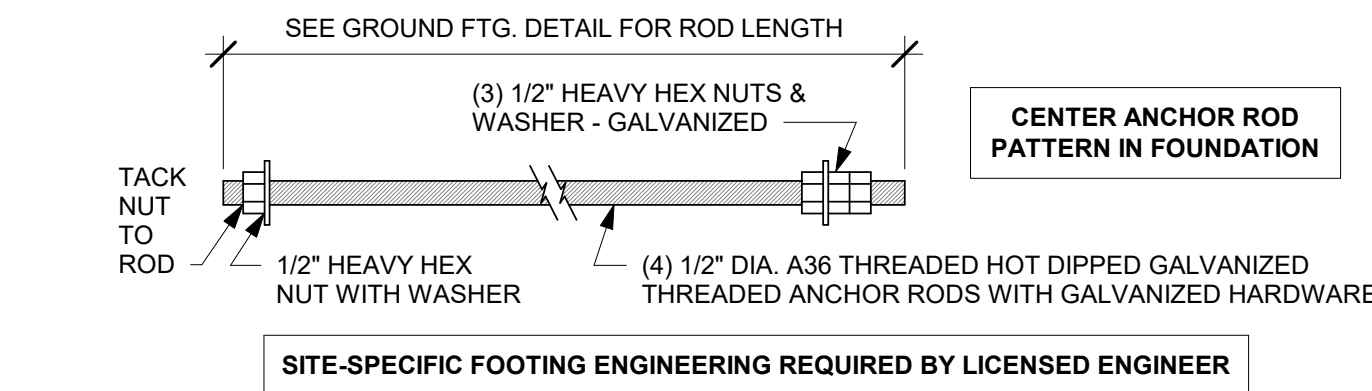
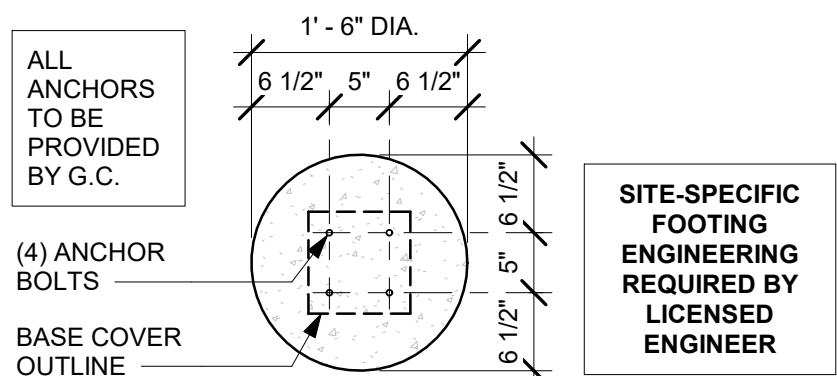
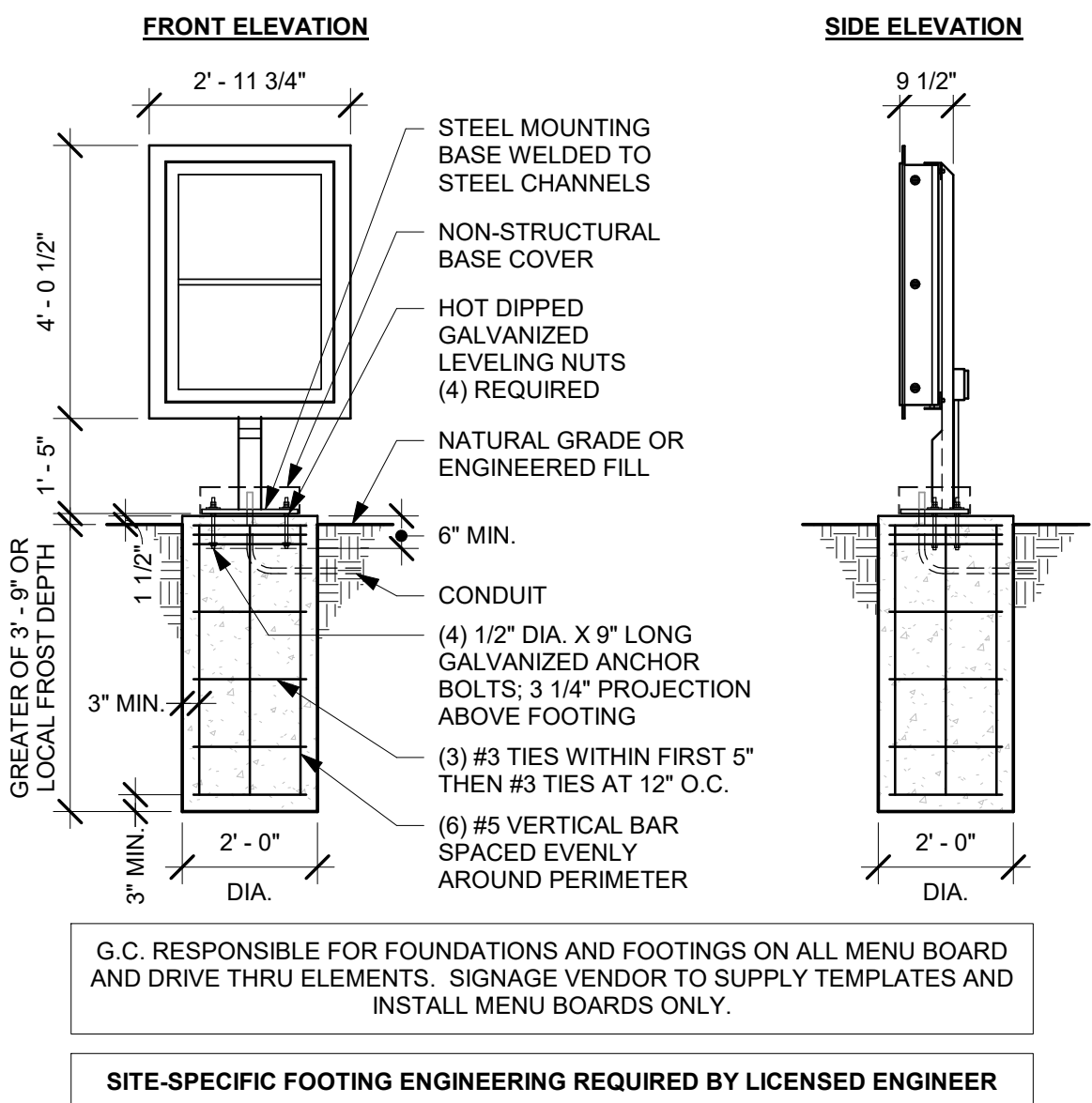
Scale: 1 1/2" = 1'-0"

5 DTE PRE-MENU ANCHOR ROD

Scale: 3" = 1'-0"

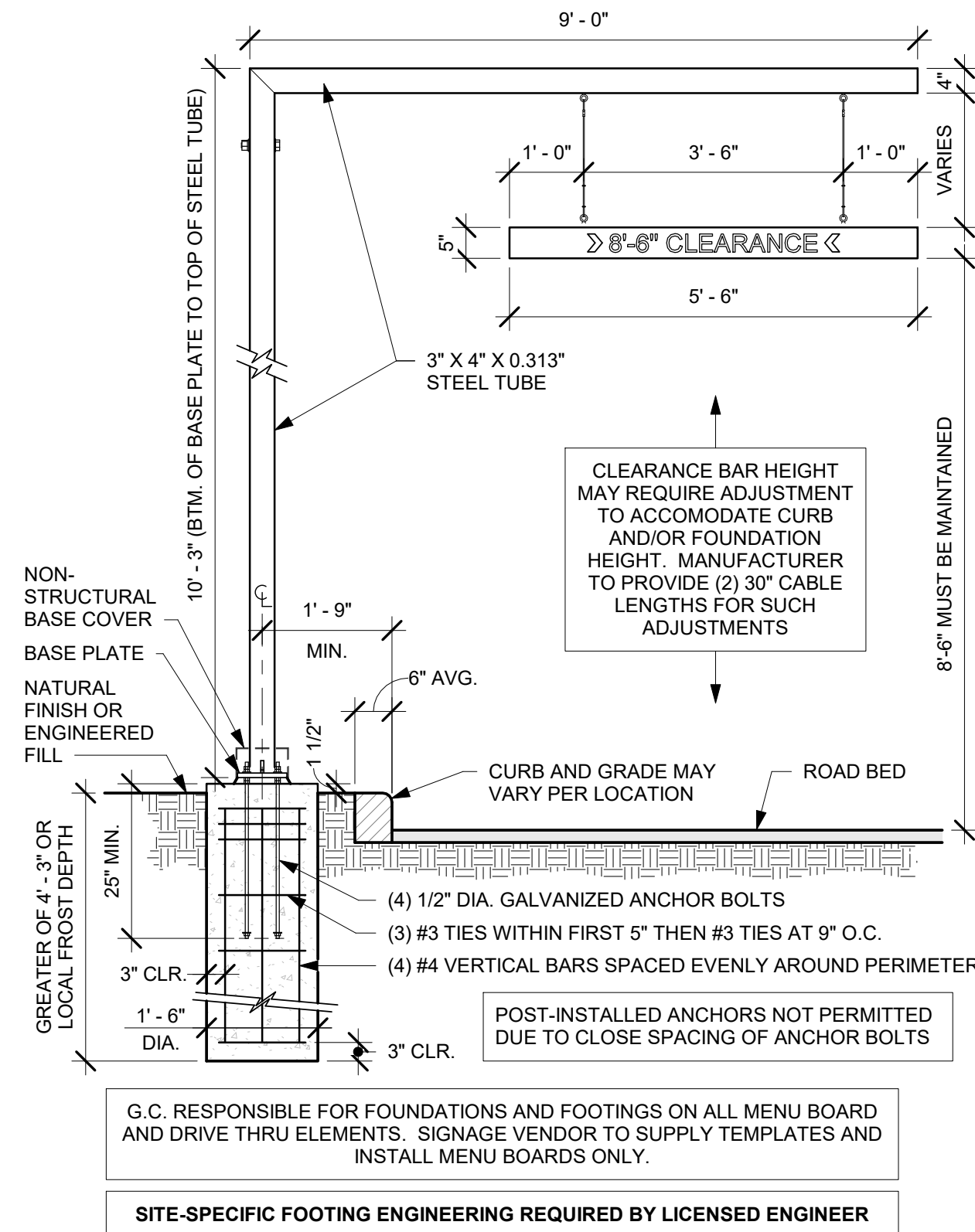
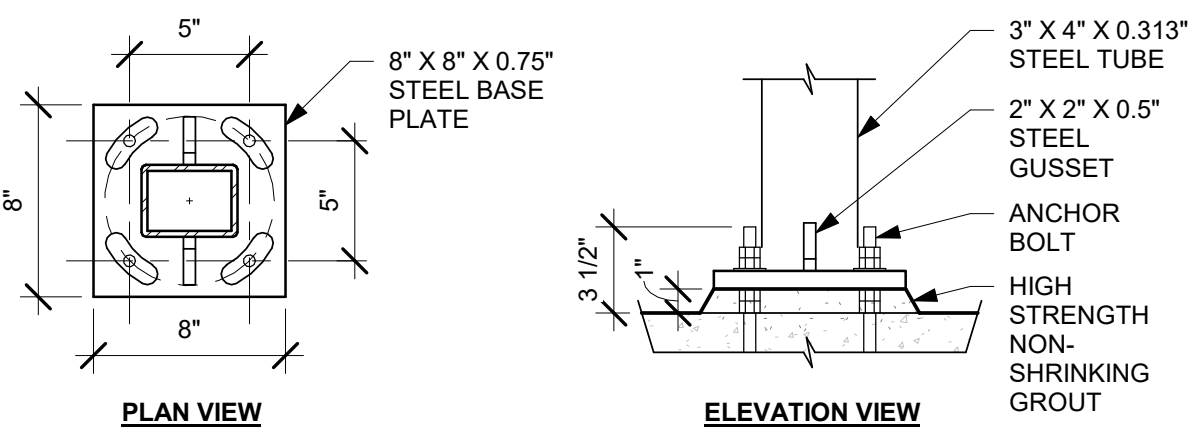
6 PRE-MENU BOLT PATTERN

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



7 DTE - CLEARANCE BAR - ANCHOR ROD

Scale: 3" = 1'-0"



8 PRE-MENU BOARD GROUND FOOTING

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

9 DTE SIGN - CLEARANCE BAR - BOLT PATTERN

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

10 DTE CLEARANCE BAR - BASE PLATE

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

11 DTE SIGN - CLEARANCE BAR - GROUND FOOTING

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



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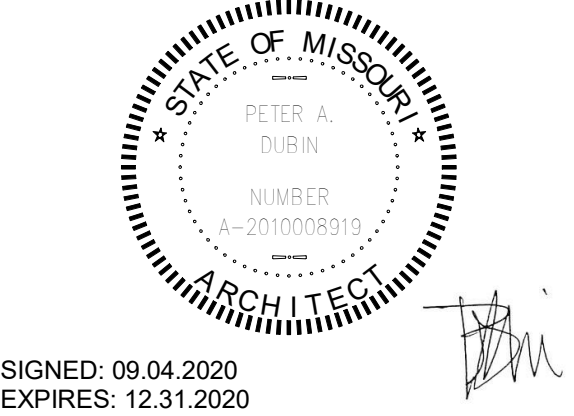
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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**

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Phone (314) 772-1782  
Fax (314) 373-3514  
Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

FINAL BID/PERMIT SET - 09.04.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**  
PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

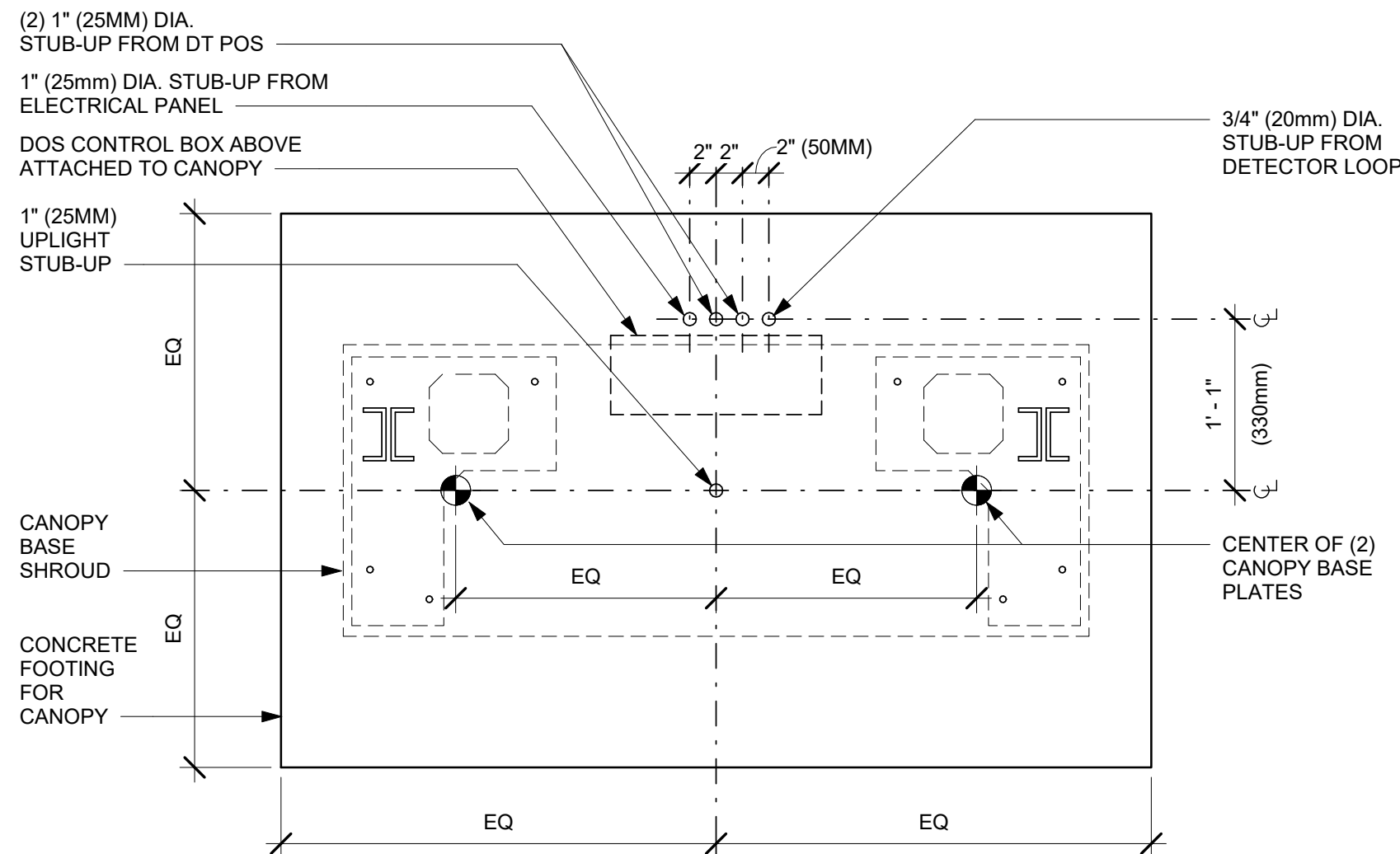
STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLOSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

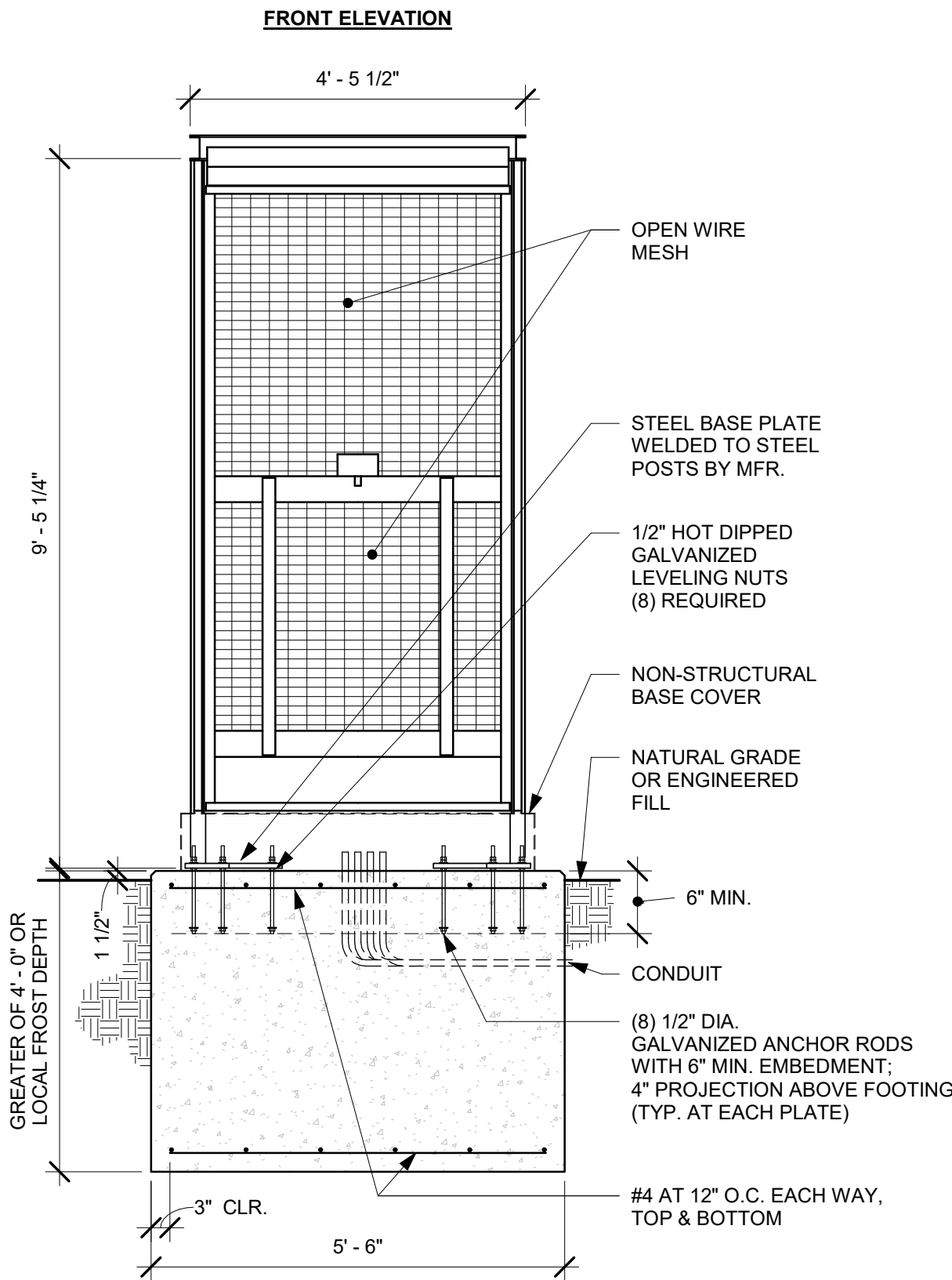
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**ARCHITECTURAL SITE DETAILS**  
SCALE: AS SHOWN

SHEET NUMBER:  
**A004**

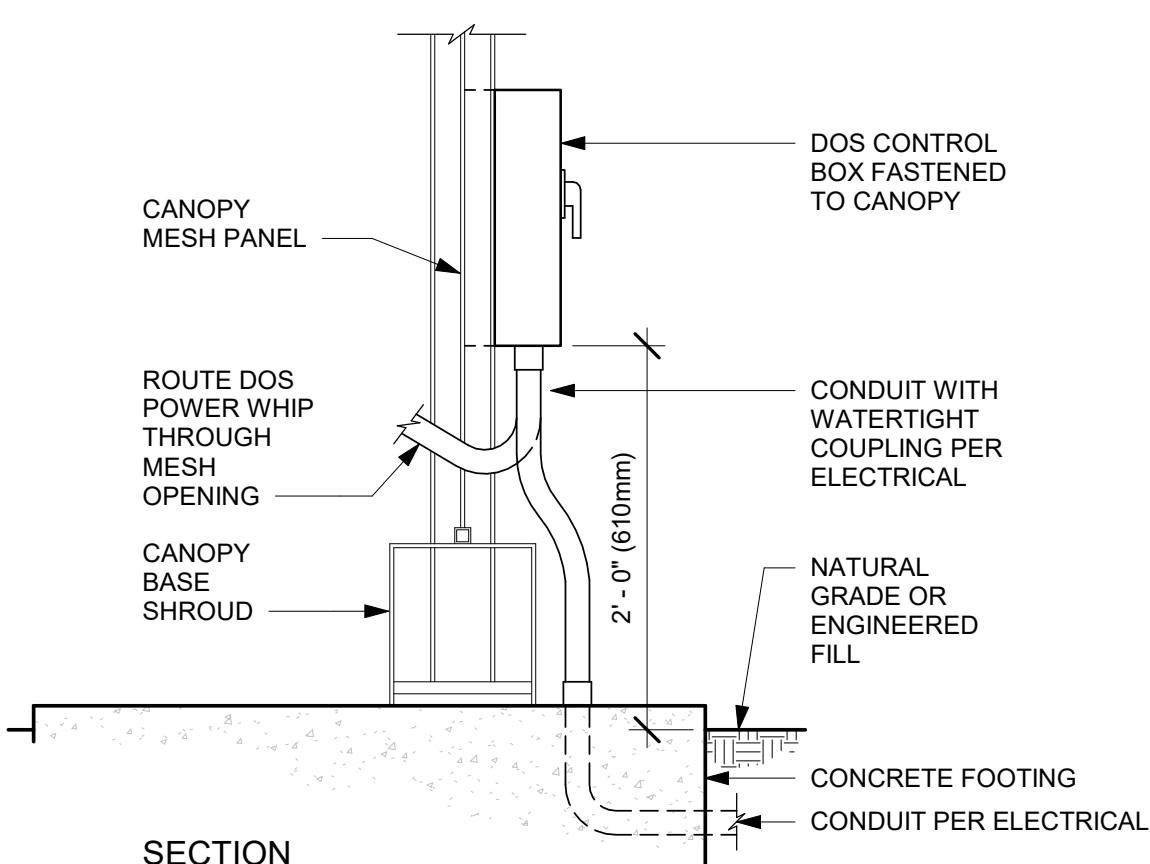




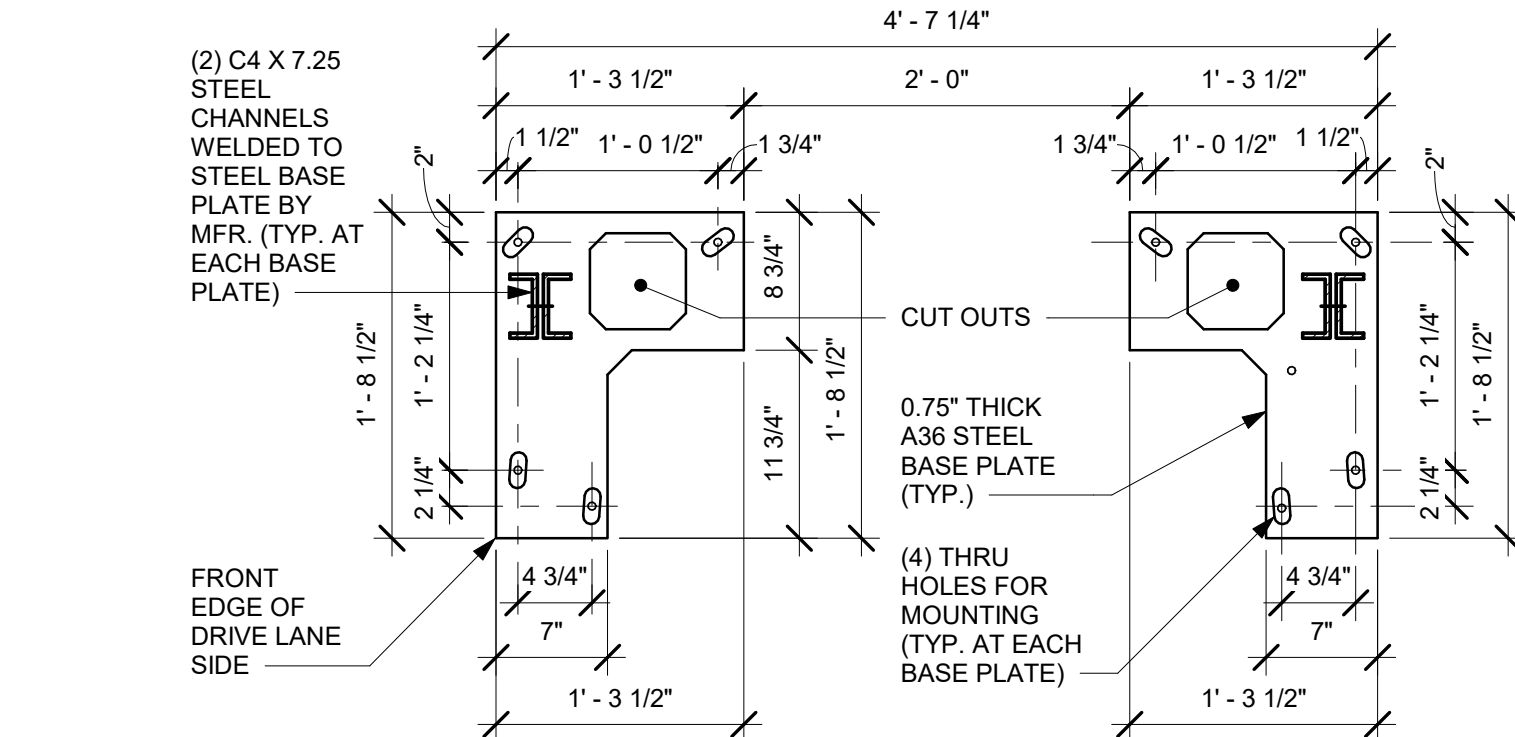
1 DTE - DOS CONTROL BOX CONDUIT STUB-UPS AT CANOPY  
Scale: 1" = 1'-0"



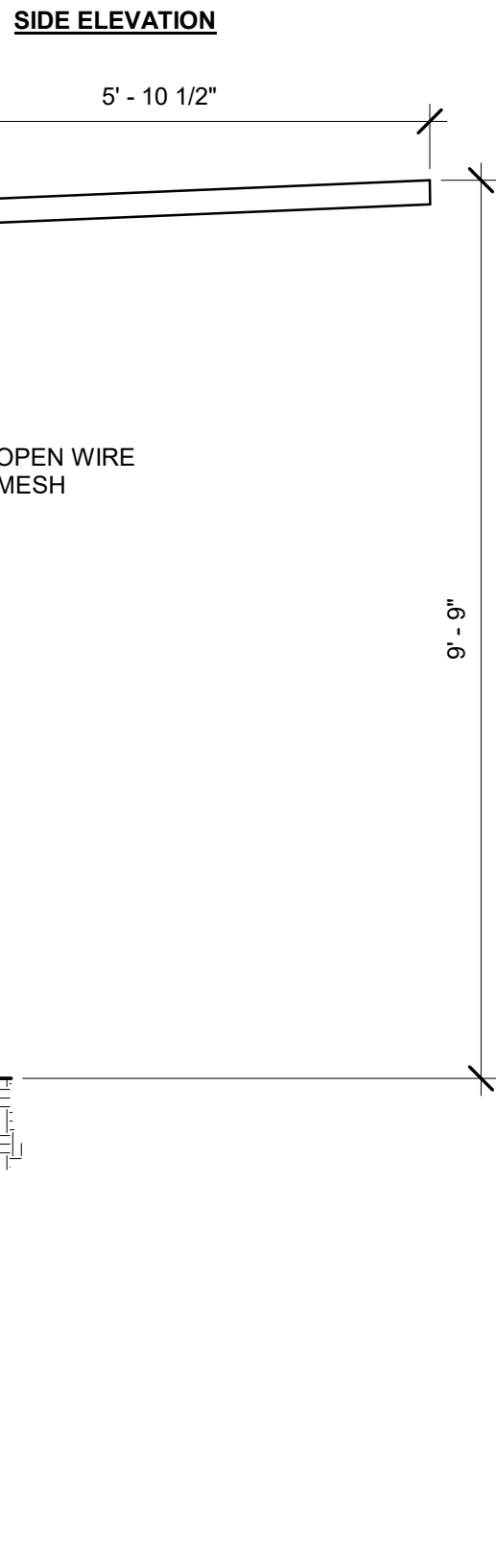
4 FOOTING AT DT DOS CANOPY  
Scale: 1/2" = 1'-0"



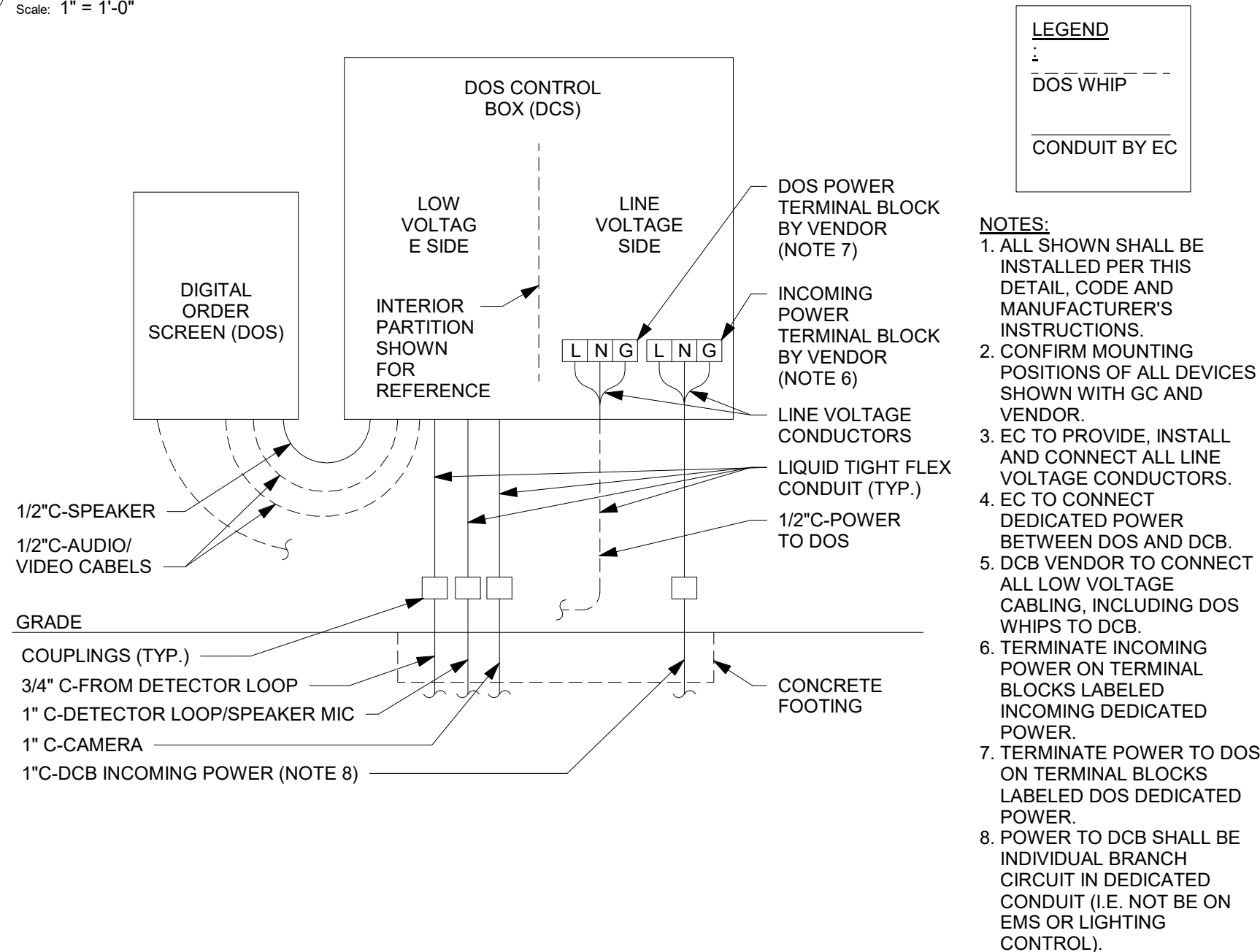
6 DTE - DOS CONTROL BOX AT CANOPY - SECTION  
Scale: 1" = 1'-0"



2 DT POS CANOPY BASE PLATE  
Scale: 1" = 1'-0"



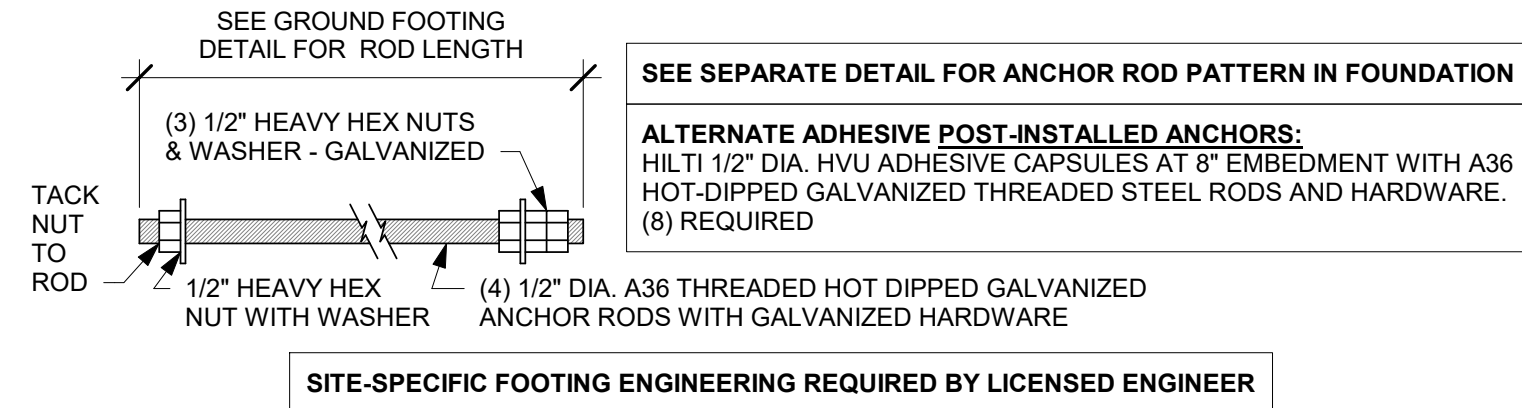
5 DT POS CANOPY BOLT PATTERN  
Scale: 1" = 1'-0"



7 DTE - DOS CONTROL BOX WIRING  
Scale: 12" = 1'-0"

NOTE: ALL SIGNAGE UNDER SEPARATE PERMIT, SHOWN FOR COORDINATION PURPOSES ONLY

NOTE: ALL STANDARD FOOTING DETAILS SHOWN FOR REFERENCE ONLY, UNDER LL SCOPE OF WORK. LL TO PROVIDE ENGINEERED DRAWINGS AS NEEDED.



3 DT POS CANOPY ANCHOR ROD  
Scale: 3" = 1'-0"

FINAL BID/PERMIT SET - 09.04.2020



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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**

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Fax (314) 373-3514  
Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

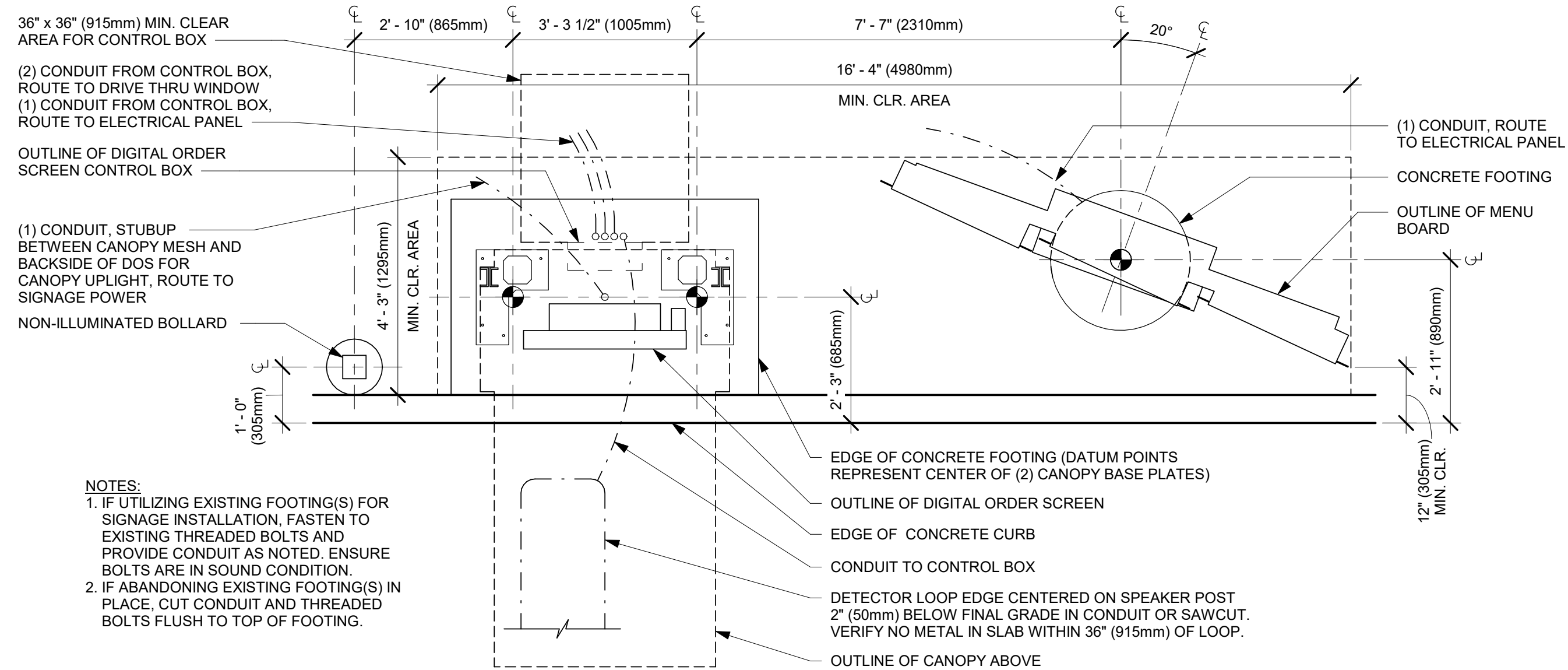
STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule				
Rev	Date	By	Description	

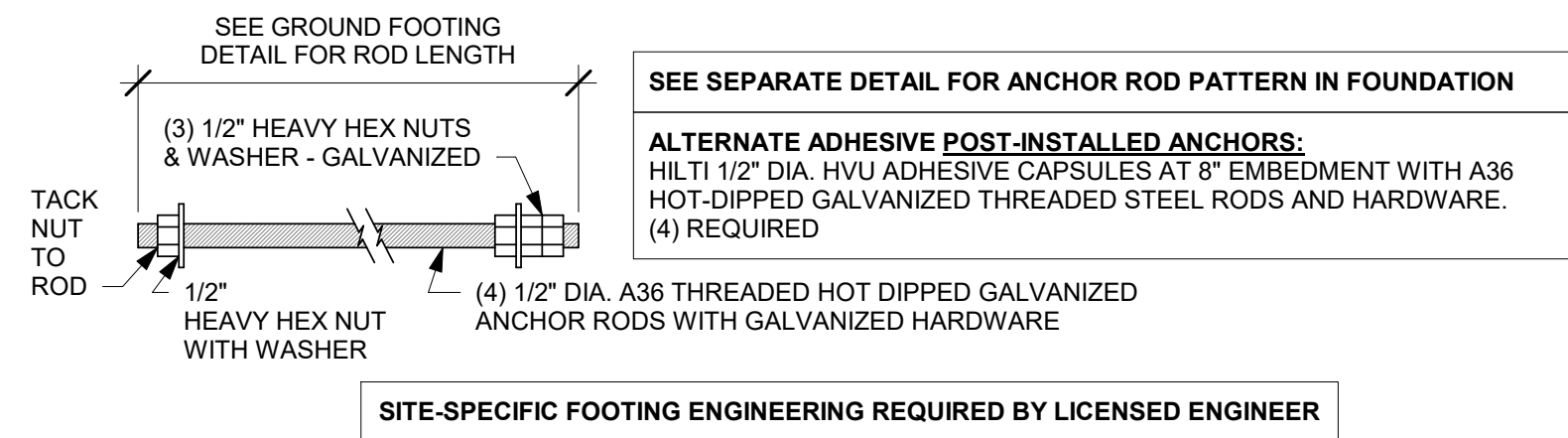
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**ARCHITECTURAL SITE DETAILS**  
SCALE: AS SHOWN

SHEET NUMBER:  
**A005**

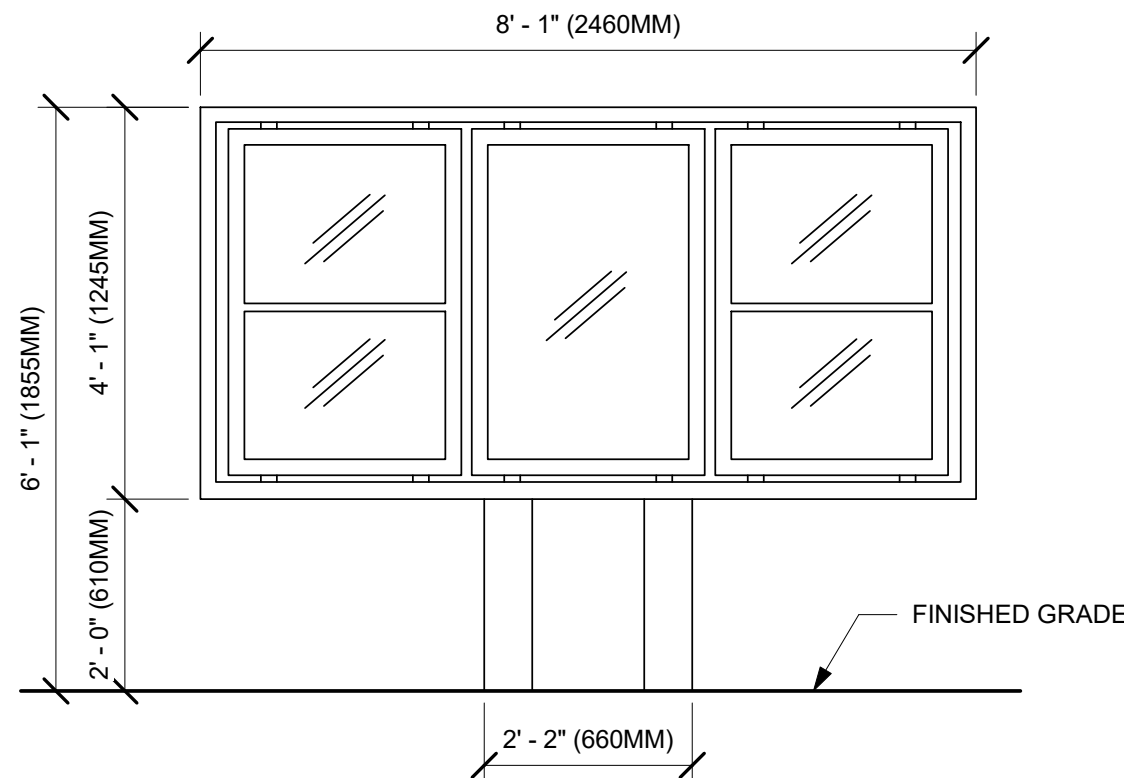




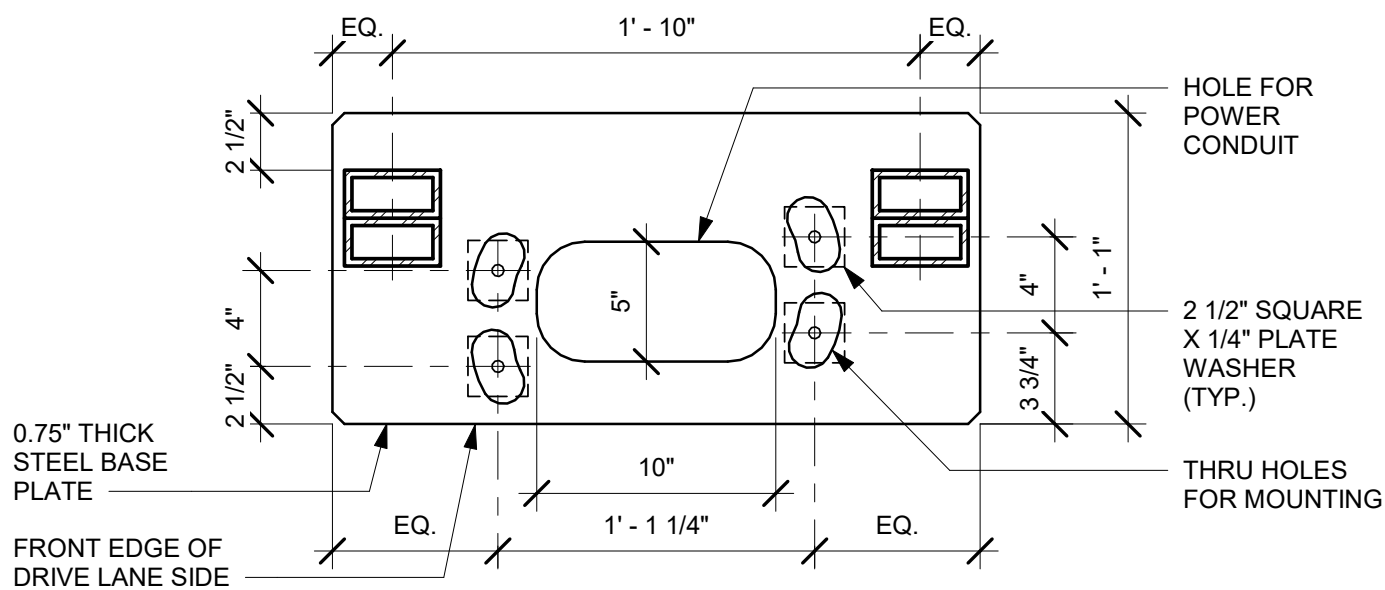
1 DTE - 5 PANEL 20DEG MENU BOARD  
Scale: 1/2" = 1'-0"



3 5- PANEL MENU ANCHOR ROD  
Scale: 3" = 1'-0"



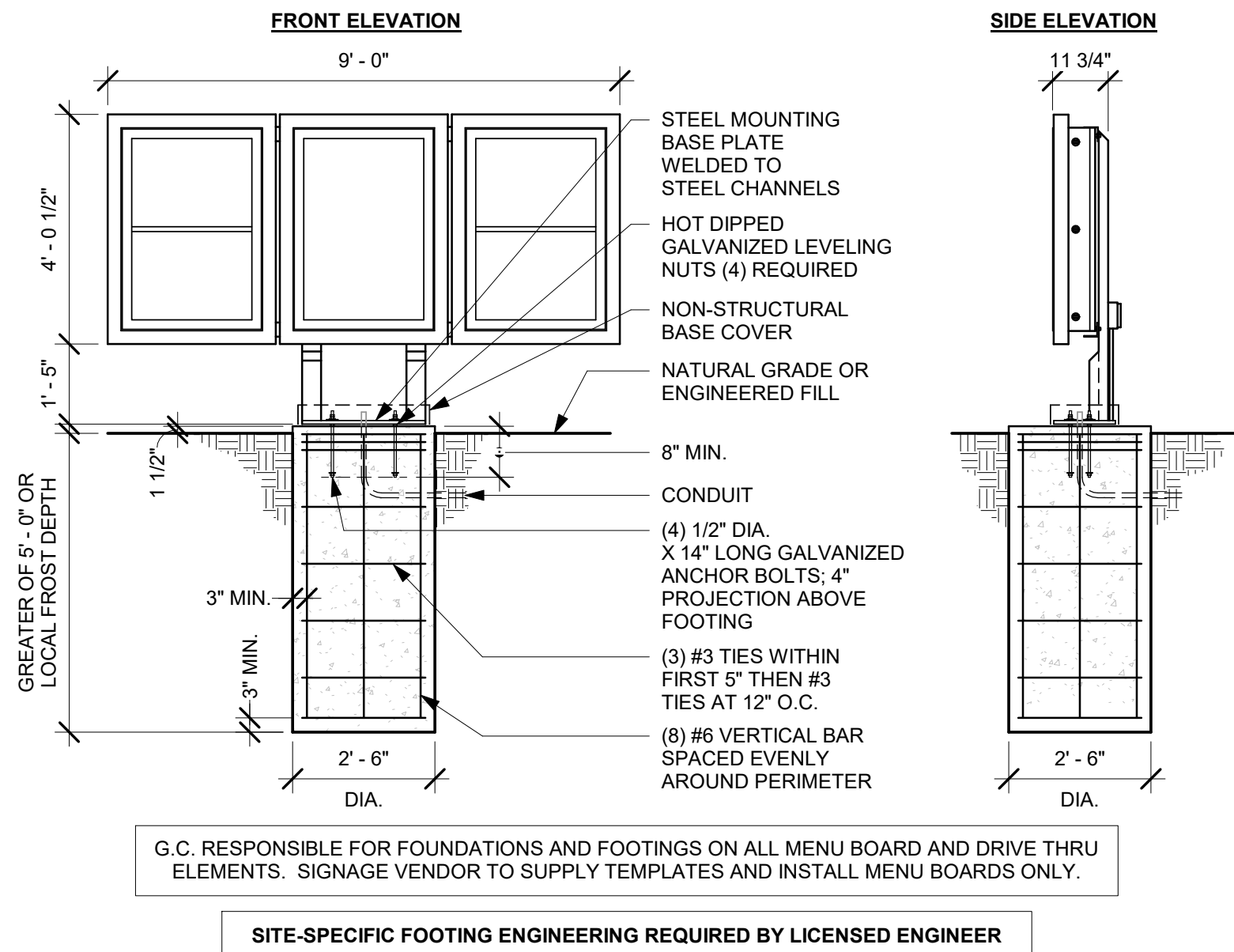
6 MENU - 5-PANEL FREESTANDING  
Scale: 1/2" = 1'-0"



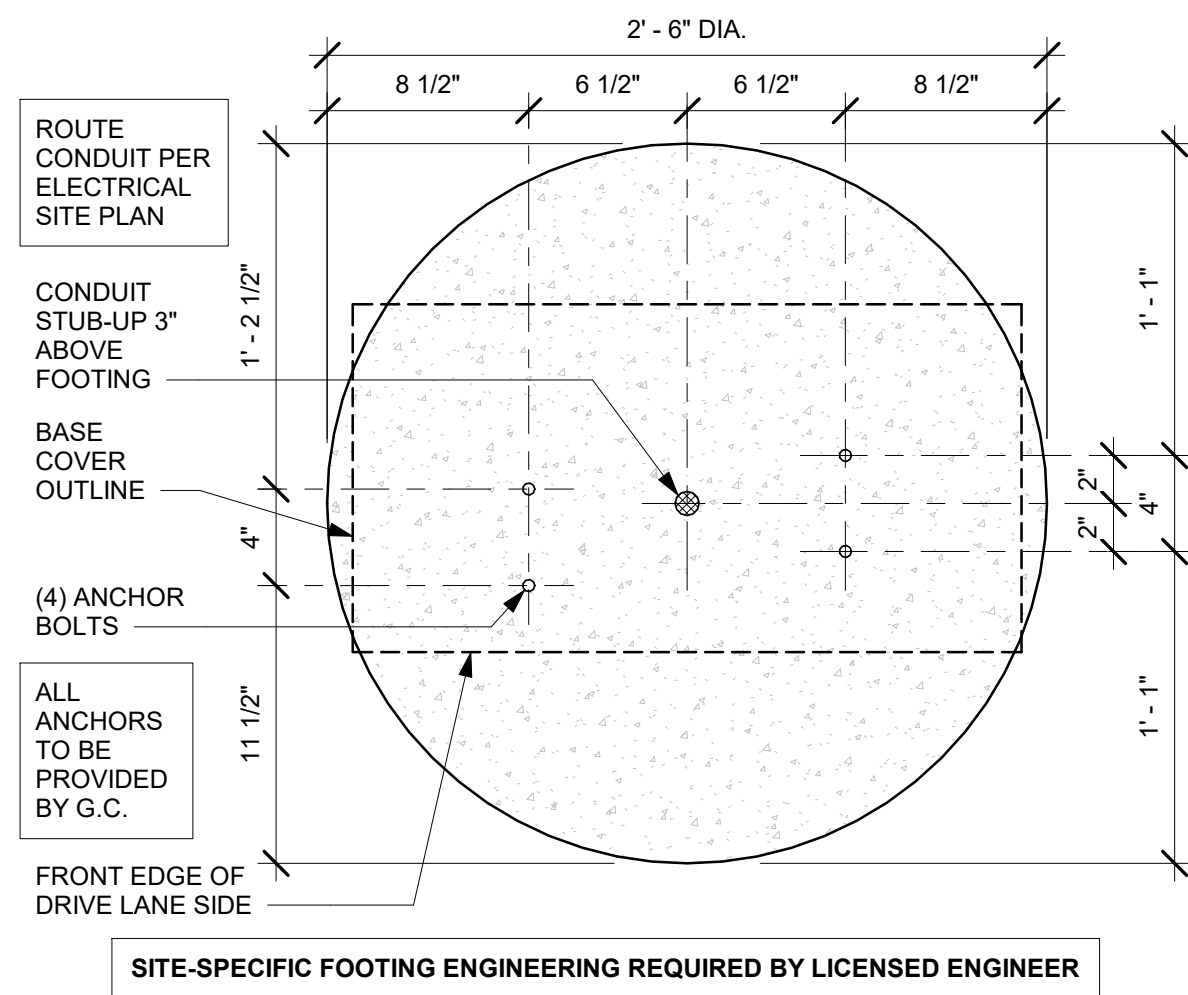
4 5 - PANEL MENU BASE PLATE  
Scale: 1 1/2" = 1'-0"

NOTE: ALL SIGNAGE UNDER SEPARATE PERMIT, SHOWN FOR COORDINATION PURPOSES ONLY

NOTE: ALL STANDARD FOOTING DETAILS SHOWN FOR REFERENCE ONLY, UNDER LL SCOPE OF WORK. LL TO PROVIDE ENGINEERED DRAWINGS AS NEEDED.



2 5 - PANEL MENU - GROUND FOOTING  
Scale: 3/8" = 1'-0"



5 5- PANEL MENU BOLT PATTERN  
Scale: 1 1/2" = 1'-0"



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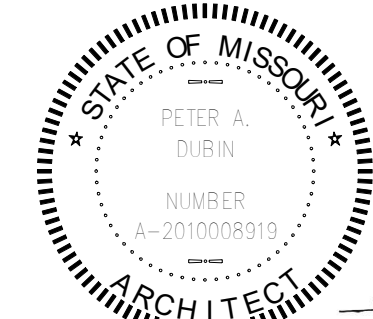
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Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE**

**RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

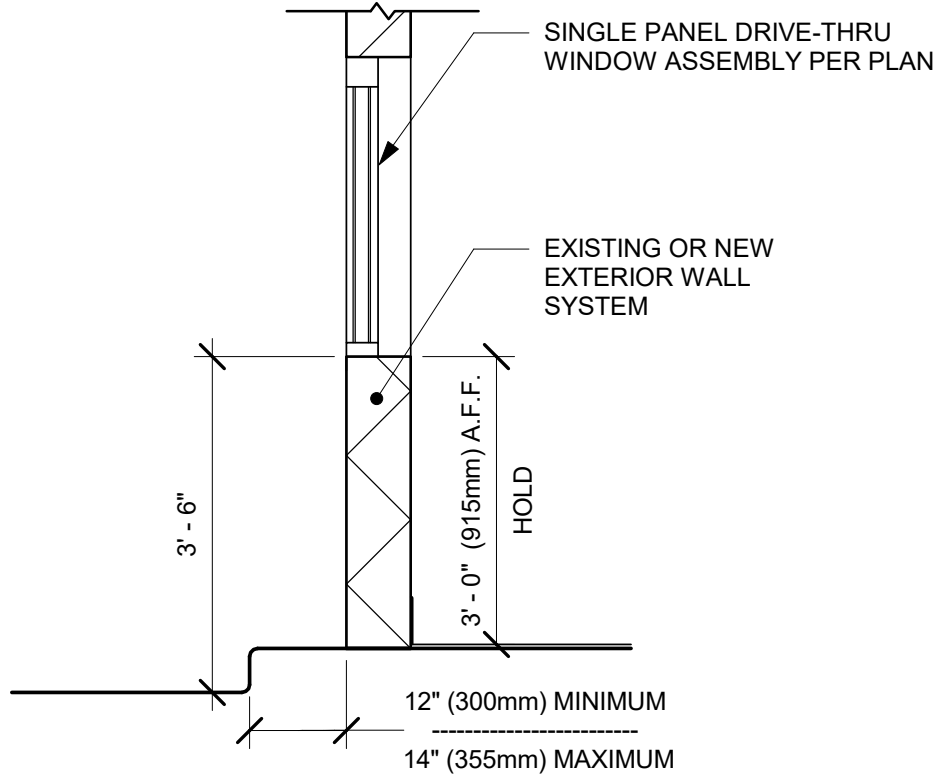
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**ARCHITECTURAL SITE DETAILS**  
SCALE: AS SHOWN

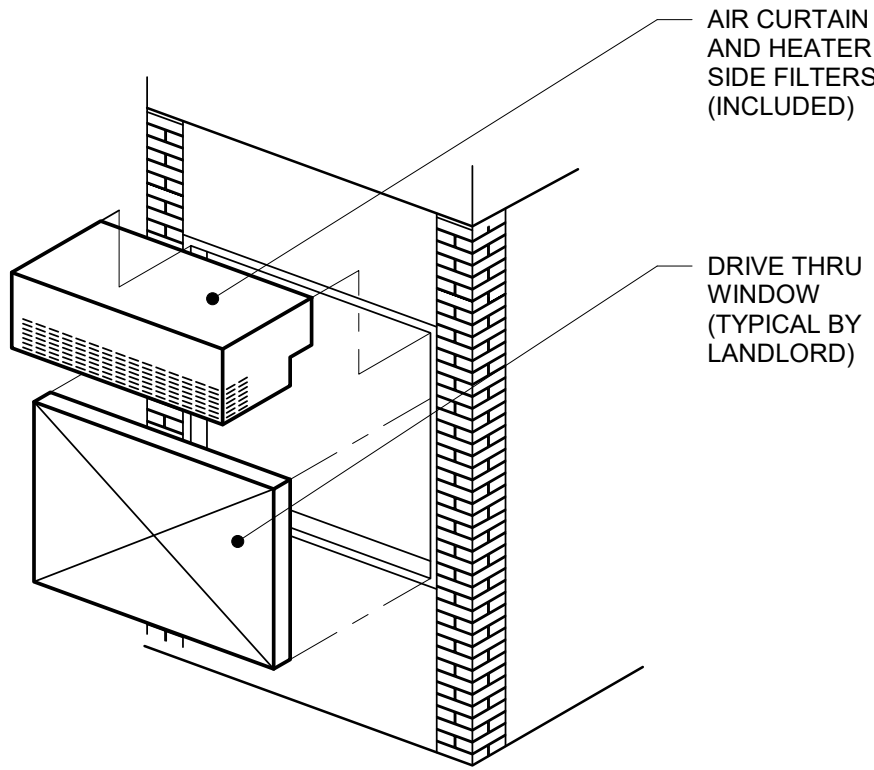
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FINAL BID/PERMIT SET - 09.04.2020

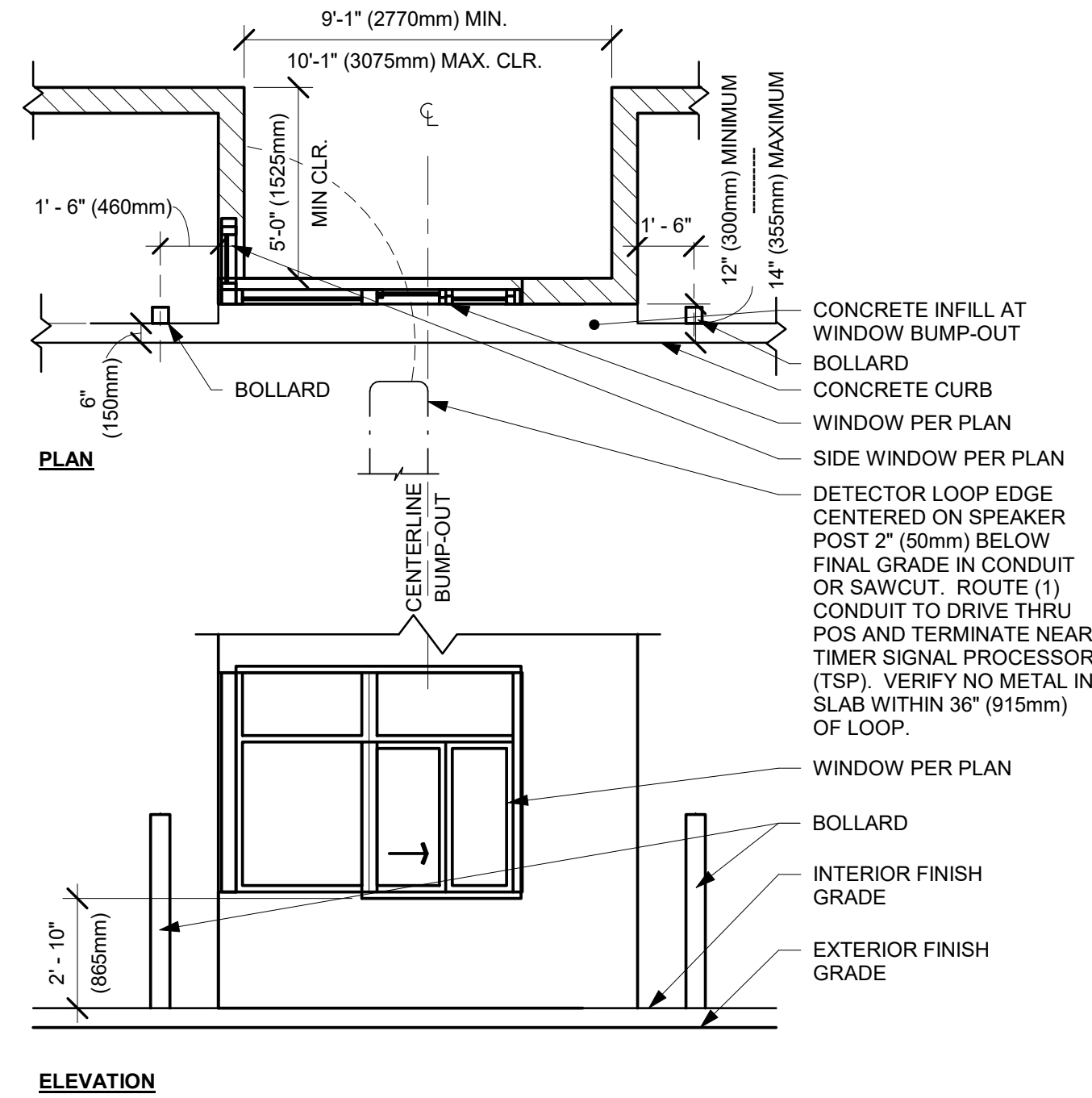




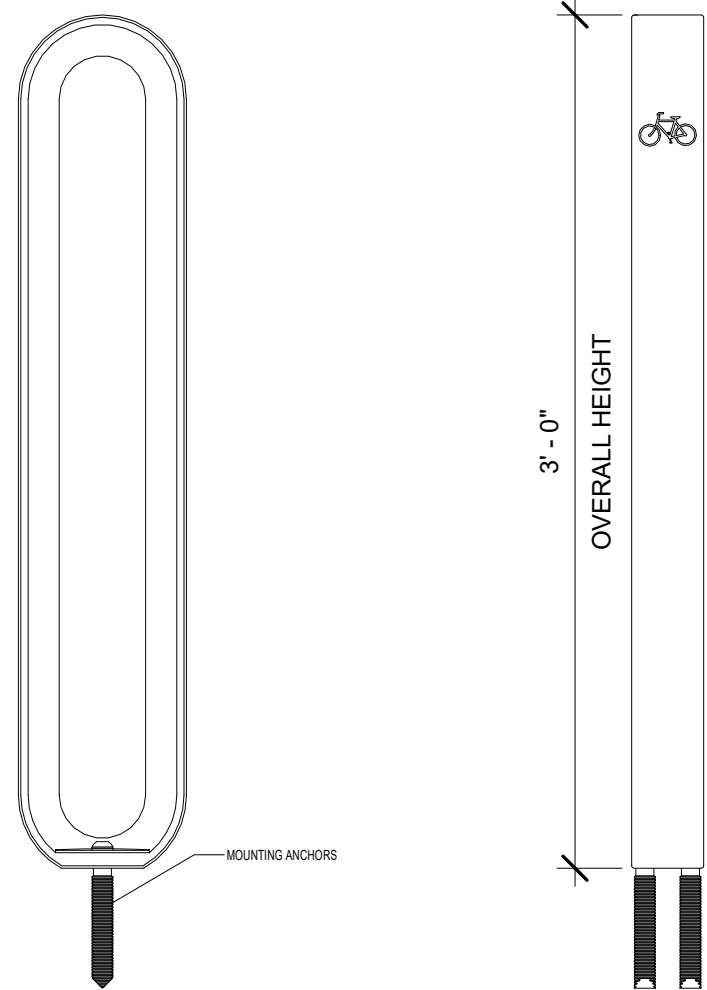
1 DRIVE THRU WINDOW BY LL  
Scale: 1/2" = 1'-0"



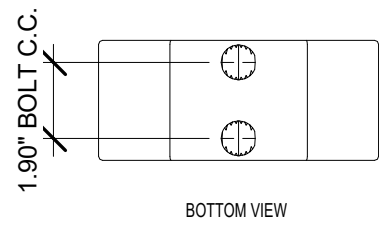
2 DT WINDOW AND AIR CURTAIN BY LL  
Scale: 1/2" = 1'-0"



3 DTE - DRIVE THRU WINDOW BUMP-OUT  
Scale: 1/4" = 1'-0"



4 BIKE RACK INSTALLATION - OLYMPIA BY LL  
Scale: 1 1/2" = 1'-0"



SEE LL DESIGN CRITERIA DETAIL FOR ADDITIONAL INFORMATION

FINISH: BLACK STANDARD TEXTURE

SIGNAGE VENDOR TO CONFIRM WITH SBUX DESIGNER FINAL DESIGN.



5 X0005 - MONUMENT SIGN  
Scale: NOT TO SCALE

NOTE: ALL SIGNAGE UNDER SEPARATE PERMIT, SHOWN FOR COORDINATION PURPOSES ONLY

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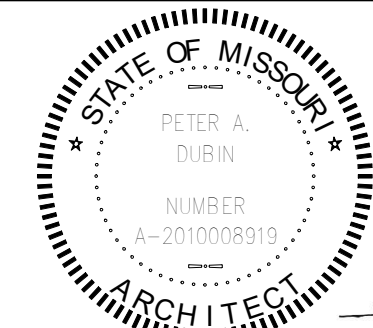
STARBUCKS TEMPLATE VERSION i2020-01-31

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Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE**

**RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLOSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description















SHEET TITLE:  
**ARCHITECTURAL SITE DETAILS**  
SCALE: AS SHOWN






SHEET NUMBER:  
**A007**

FINAL BID/PERMIT SET - 09.04.2020



INTERIOR NEW WALL SCHEDULE			
TAG	DESCRIPTION	INSULATION	NOTES
2-P-N	3 5/8" 20 GA STUD FURRING WALL	NONE	PARTIAL HT. WALL. SEE PLAN FOR WALL SHEATHING. 3'-0" AFF
2-T-N	3 5/8" 20 GA STUD FURRING WALL	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.
3-T-A	3 5/8" 20 GA STUDS @ 16" O.C.	ACOUSTIC	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.
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-T-N	6" 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.
5-T-N	6" 20 GA STUD FURRING WALL	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.

WALL BLOCKING KEY			
SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.      APPROX. WIDTH
	WORKROOM HAND SINK	128 LBS (58 KG)	36" TO 40" (915MM TO 1015MM)      30" (760MM) BEHIND SINK
	SHELVES ABOVE COMPARTMENT SINK	200 LBS (91 KG)	48" TO 76" (1220MM TO 1930MM)      96" (2440MM) CENTERED ABOVE COMPARTMENT SINK
	MENU BOARDS	480 LBS	EXTEND 4" ABOVE AND BELOW EXTENTS OF MENU      EXTENT OF MENUS, EXTEND 4" ON EITHER SIDE. REFER TO BLOCKING DETAIL.
	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
	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
	DT UPPER CABINET	BLOCKING SPECIFICATION FOR FRENCH CLEATING SYSTEM. REFER TO DETAILS.	
	RESTROOM GRAB BARS	200 LBS (91 KG)	30" TO 36" (760MM TO 915MM)      60" (1525MM) AROUND WATER CLOSET
	RESTROOM HAND SINK	200 LBS (91 KG)	COMMERCIAL INSTALLATION REQUIRES CONCEALED ARM CARRIER. REFER TO MFR'S SPECIFICATION.
	DIAPER CHANGING STATION	250 LBS (113 KG)	40 1/2" TO 46 1/2" (1030MM TO 1180MM)      32" (810MM) BEHIND STATION
	UPPER CBE SHELVING	BLOCKING SPECIFICATION FOR CBE METAL SHELVES. REFER TO VENDOR'S SPECIFICATION AND DETAILS.	
	WATER FILTRATION SYSTEM	TBD BY VENDOR	COORDINATE LOCATION AND EXTENT WITH PENTAIR
	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.
	COAT RACK	TBD BY VENDOR	SEE INTERIOR ELEVATIONS FOR EXTENTS.
	PARTNER LOCKERS	TBD BY VENDOR	SEE SPECIFICATIONS FOR MANUFACTURERS' RECOMMENDATIONS

WALL SHEATHING KEY	
SYMBOL	DESCRIPTION
	INDICATES SHEATHING TRANSITION
	5/8" GYP. WALL BOARD (TERMINATE AT 6" ABOVE CEILING)
	5/8" MOISTURE RESISTANT GYPSUM BOARD (TERMINATE AT 6" ABOVE CEILING)
	1/2" CEMENTITIOUS BACKER BOARD (TERMINATE AT 6" ABOVE CEILING)
	5/8" PLYWOOD (TERMINATE AT 6" ABOVE CEILING)






## KEYED NOTES

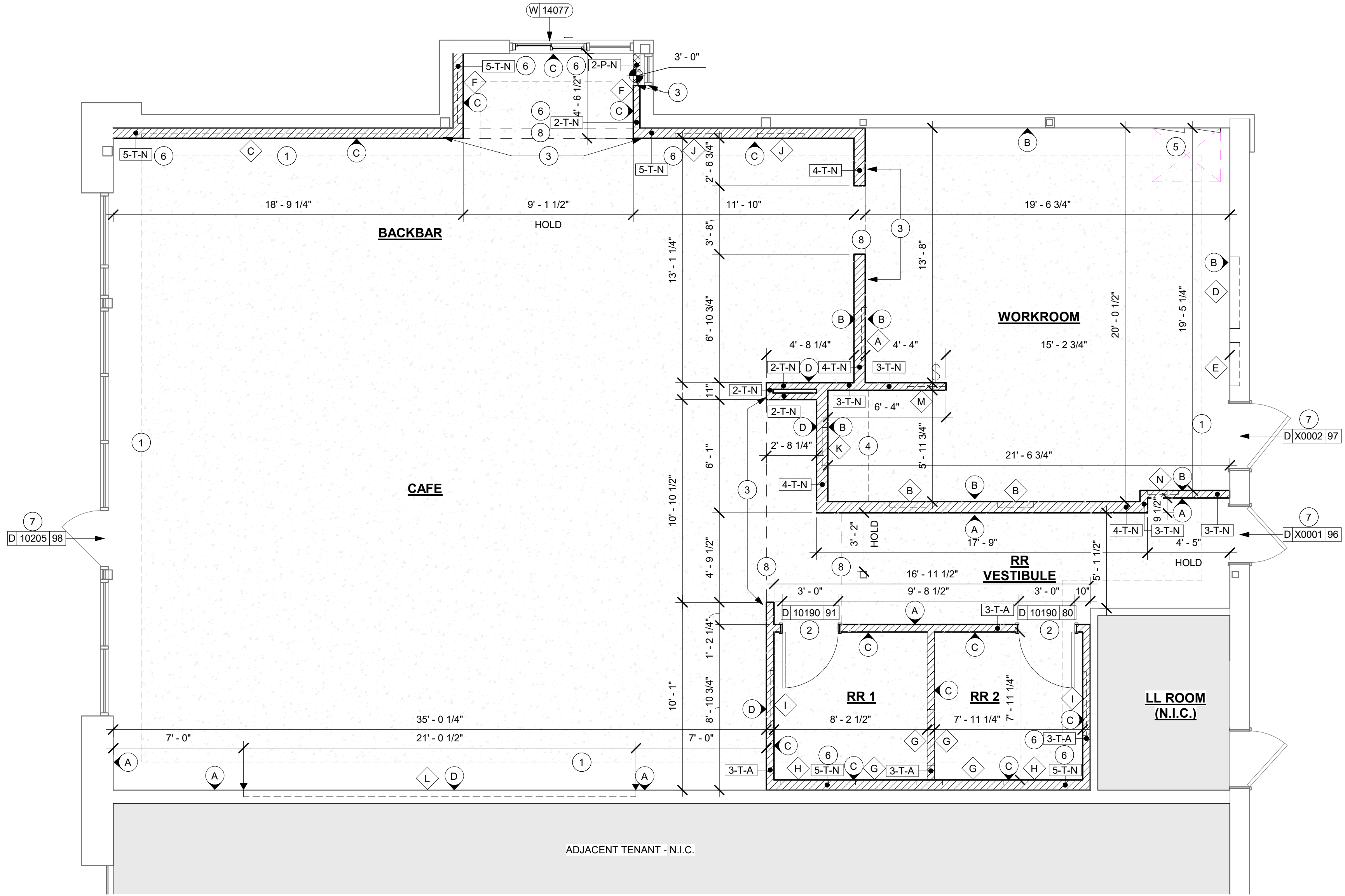
1. INSTALL NEW CONCRETE SLAB OVER VAPOR BARRIER OVER EXISTING COMPACTED FILL. REFER TO STRUCTURAL FOR CONNECTION OF NEW SLAB TO EXISTING.
2. INSTALL NEW DOORS AS INDICATED. SEE SHEET A601 FOR DOOR AND HARDWARE TYPE.
3. ALIGN FACE OF FINISHED WALL.
4. SHELF FOR WATER HEATER ABOVE. REFER TO INTERIOR ELEVATION FOR HEIGHT AND DETAILS FOR CONSTRUCTION OF PLATFORM AND SUPPORTING ASSEMBLY.
5. ELECTRICAL PANEL LOCATIONS BY LL. MAINTAIN MINIMUM CLEARANCE AS REQUIRED BY CODE.
6. FUR OUT INTERIOR FACE OF WALL.
7. LANDLORD TO INSTALL NEW HARDWARE ON EXISTING EXTERIOR DOOR. GC TO VERIFY.
8. INDICATES HEADER ABOVE

## 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, REQUIREMENTS 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 H104 FOR FLOOR FINISHES.

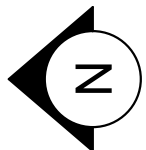
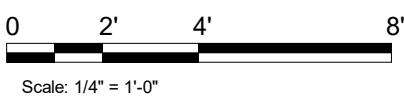
## GENERAL LEGEND

- |   |                         |
|---|-------------------------|
|  | NEW FULL HEIGHT WALL    |
|  | NEW PARTIAL HEIGHT WALL |
|  | EXISTING WALL           |
|  | WALL BLOCKING CALL-OUT  |
|  | WALL SHEATHING CALL-OUT |



## FLOOR PLAN

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



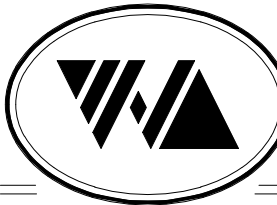
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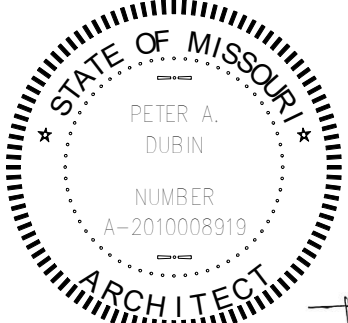
STARBUCKS TEMPLATE VERSION i2020-01-31

# NORR



William J. Alkemeyer, P.E.  
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St. Louis, Missouri 63119  
Phone (314) 772-1782  
Fax (314) 373-3514

## Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
BUILDOUT OF STARBUCKS

**RT. 291 & 150**

**PROJECT ADDRESS:**  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SL  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**BUILDING FLOOR PLAN**

SHEET NUMBER:

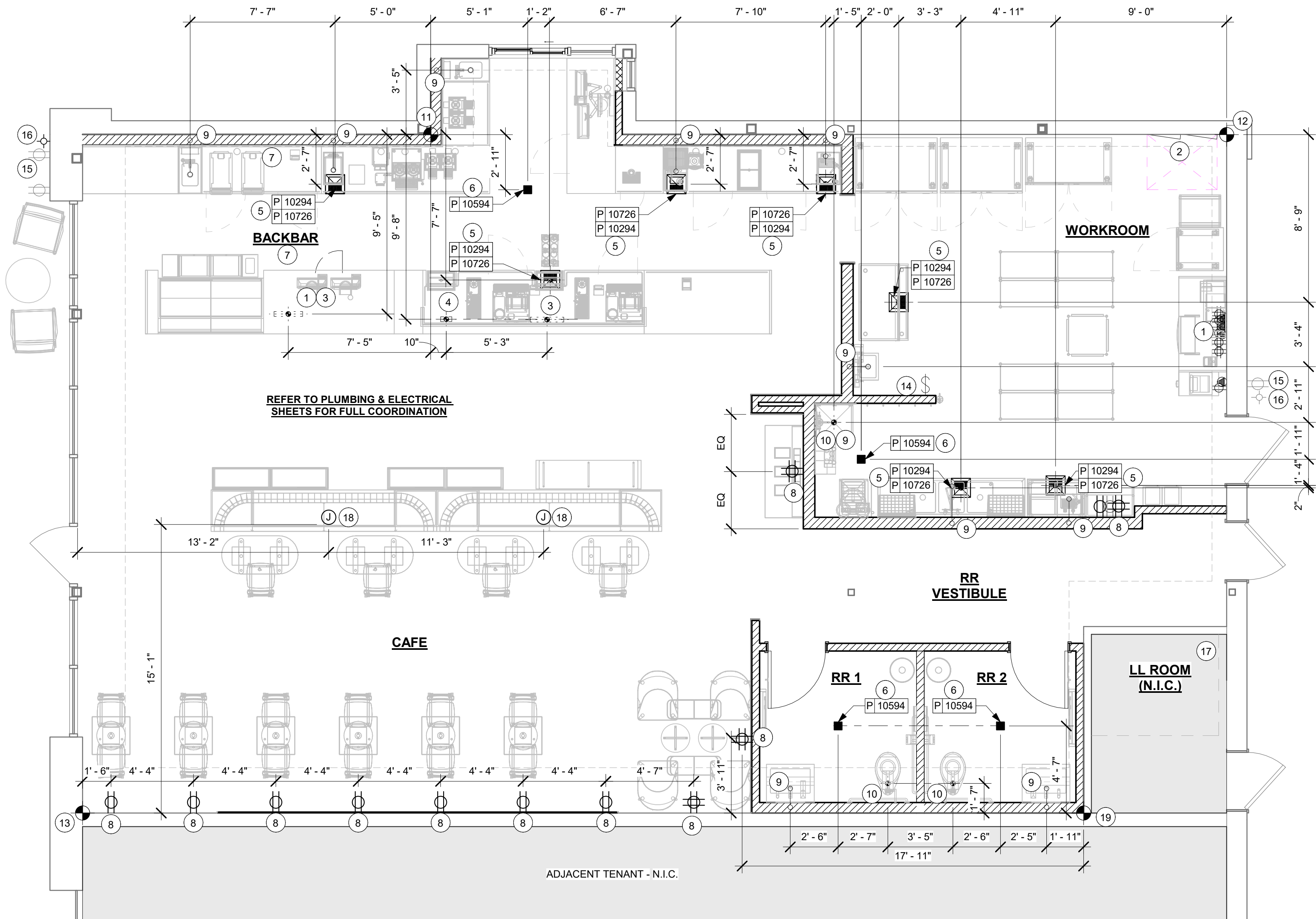
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## FLOOR PENETRATION PLAN

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



### KEYED NOTES

- (3) 1/2" CONDUIT FOR PHONE, DATA, AND POWER FROM POS TO BE ROUTED TO CENTERLINE OF IT RACK AT MANAGERS DESK AS INDICATED. (1) 3/4" CONDUIT FOR DATA AT MANAGER'S DESK. STUB UPS TO BE WITHIN NEW PARTITION WALL. SEE MANAGER'S DESK DETAIL FOR MORE INFORMATION.
- ELECTRICAL PANEL LOCATION - BY LL.
- ELECTRICAL STUB-UP LOCATION. SEE ELECTRICAL SHEETS FOR MORE INFORMATION. COORDINATE WITH SPECS FOR EXACT LOCATION.
- PLUMBING STUB-UP LOCATION. SEE PLUMBING SHEETS FOR MORE INFORMATION.
- FLOOR SINK LOCATION. SEE PLUMBING SHEETS FOR MORE INFORMATION.
- FLOOR DRAIN LOCATION. SEE PLUMBING SHEETS FOR MORE INFORMATION.
- GC TO PROVIDE POWER & DATA FOR FUTURE DIGITAL MENU BOARDS PER STARBUCKS STANDARD REQUIREMENTS. REFER TO INTERIOR ELEVATIONS & DETAILS FOR MORE INFORMATION.
- NEW ELECTRICAL WALL OUTLET/ QUAD TO BE INSTALLED AS INDICATED. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION.
- NEW SINK CONNECTION. REFER TO PLUMBING SHEETS FOR MORE INFO.
- NEW WASTELINE PENETRATION AS INDICATED. REFER TO PLUMBING SHEETS FOR MORE INFORMATION.
- DATUM FOR BACKBAR.
- DATUM FOR WORKROOM.
- DATUM FOR CAFE.
- SWITCHING LOCATION. SEE ELECTRICAL SHEETS.
- EXTERIOR COVERED GFCI ELECTRICAL OUTLET BY LL.
- EXTERIOR HOSE BIB BY LL.
- LOCATION OF INCOMING WATER SERVICE BY LL.
- FLOOR ELECTRICAL J BOX. REFER TO ELECTRICAL SHEETS AND CUTSHEETS FOR MORE INFORMATION.
- DATUM FOR RESTROOMS.

### GENERAL NOTES

- ALL STUB-UP DIMENSIONS ARE RELATIVE TO FINISHED WALL LOCATIONS (SHOWN AS OUTLINES ON THIS PLAN). REFER TO FLOOR PLAN FOR WALL PLACEMENT.
- FLOOR SINK: REFER TO CUT SHEETS FOR COMPONENT SPECIFICATIONS AND CUTOUT REQUIREMENTS.
- WASTE LINE PENETRATIONS: REFER TO PLUMBING PLANS FOR INDIVIDUAL LINE LOCATIONS.
- STUB-UP PENETRATIONS: REFER TO ELECTRICAL AND PLUMBING PLANS FOR INDIVIDUAL STUB-UP LOCATIONS.
- TOILET FLOOR PENETRATION: REFER TO CUT SHEETS FOR STUB-UP LOCATION RELATIVE TO FINISHED WALL.
- PENETRATION TO BE LOCATED ON CENTERLINE OF WALL OR AS REQUIRED PER CONDITIONS.
- TRENCHING OUTLINE FOR GUIDELINE USE ONLY. GENERAL CONTRACTOR TO COORDINATE WITH SPECIFIC TRADES AND SITE CONDITIONS TO DETERMINE ACTUAL LAYOUT.
- REFER TO SHEET 1101 FOR FLOOR FINISHES.

### LEGEND

- EXISTING WALL
- CONCRETE LEAVE-OUT
- DATUM POINT
- NEW FLOOR SINK
- NEW FLOOR DRAIN
- FLOOR PENETRATION
- PLUMBING PENETRATION AREA
- ELECTRICAL PENETRATION AREA
- NEW WALL DUPLEX RECEPTACLE
- NEW QUADPLEX RECEPTACLE
- NEW DATA RECEPTACLE

FINAL BID/PERMIT SET - 09.04.2020



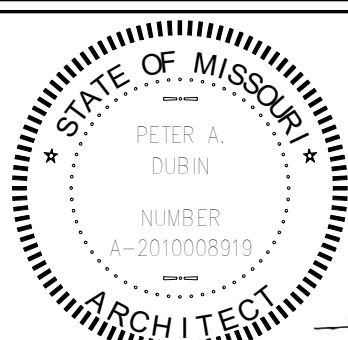
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COFFEE  
RT. 291 & 150**

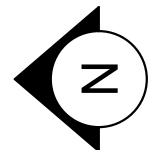
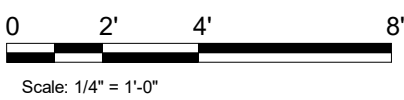
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LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
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SR. DESIGN MANAGER: K. GORIN-SLOSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

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Rev	Date	By	Description

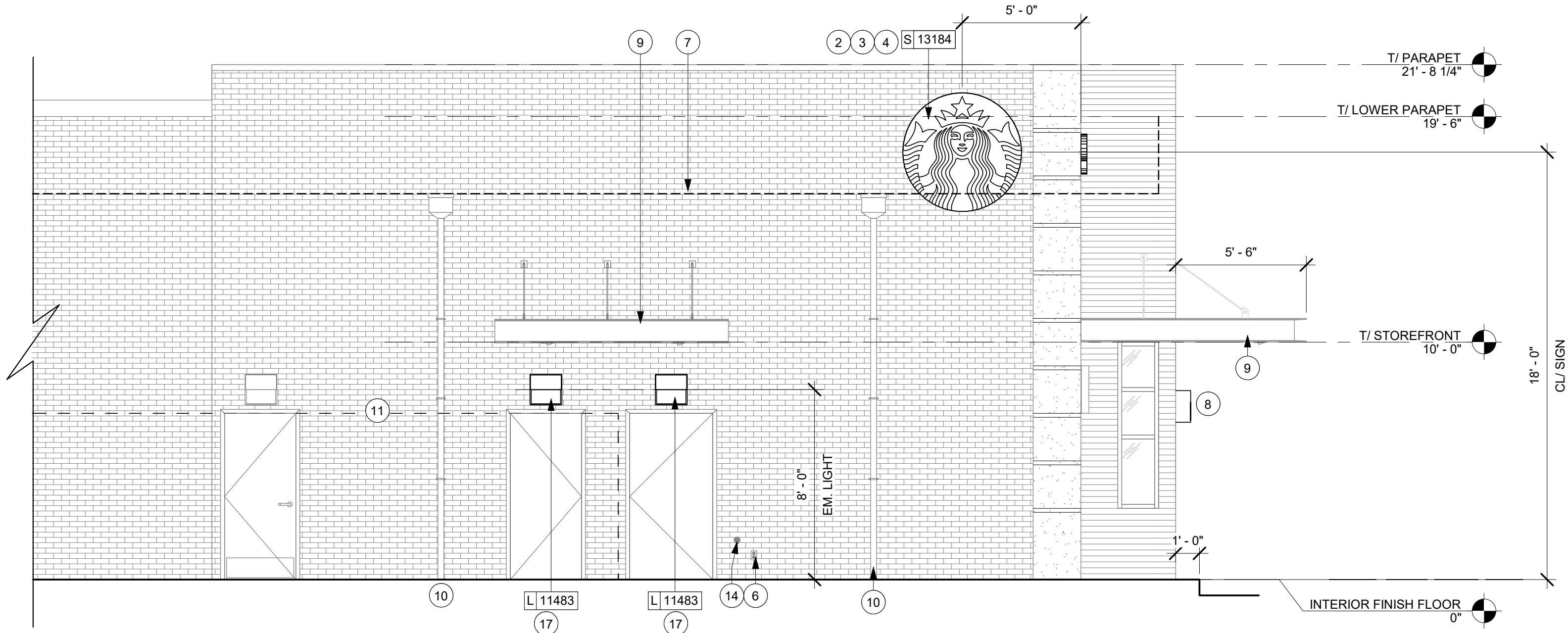
SHEET TITLE:  
**BUILDING FLOOR  
PENETRATION PLAN**  
SCALE: AS SHOWN

SHEET NUMBER:  
**A102**

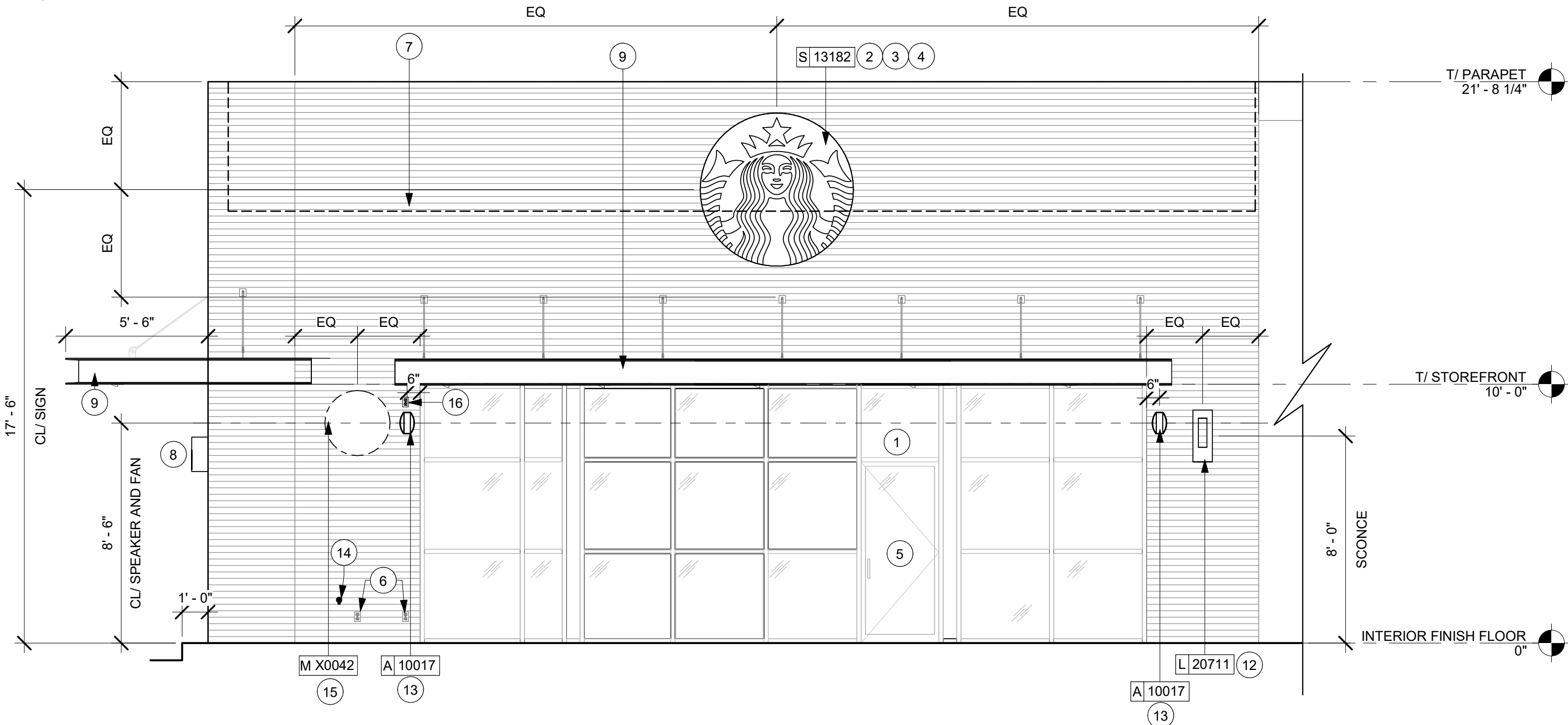




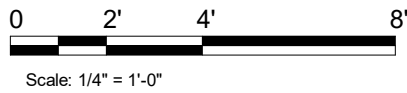
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DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
SIGNAGE - DISK					
13182	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 71IN 1805MM	SB	GC/ HILTON	LL TO PROVIDE BLOCKING AND CONDUIT AS REQUIRED
13184	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	GC/ HILTON	LL TO PROVIDE BLOCKING AND CONDUIT AS REQUIRED
SIGNAGE - DRIVE THRU					
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE, FOOTING, ANCHOR BOLT AND CONDUIT
14106	1	SIGN - DT CLEARANCE BAR ARROW SERIES FREESTANDING	SB	GC	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE, FOOTING AND ANCHOR BOLT
SIGNAGE - OTHER					
19388	3	SIGN - 10 MINUTE PARKING	SB/LL	GC	FOOTING AND POST BY LL, SIGN BY VENDOR (TUBE ART), GC TO INSTALL.
SIGNAGE - PYLON DISK					
X0044	1	MONUMENT SIGN	SB	GC/ LL	LL TO PROVIDE BASE SIGN, FOOTING, ANCHOR BOLTS AND CONDUITS. SIGN PANELS BY SBUX VENDOR
SIGNAGE - WORDMARK					
X18498	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 20IN 510MM	SB	GC/ HILTON	WORDMARK COLOR GREEN: LL TO PROVIDE CONDUIT AND BLOCKING AS REQUIRED



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



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



### KEYED NOTES

1. PROVIDE 3" (75MM) HIGH BLACK ACRYLIC STORE ADDRESS ON GLAZING ABOVE MAIN ENTRY DOOR OR PER LOCAL JURISDICTIONAL CODE REQUIREMENTS.
2. LL TO PROVIDE J-BOX FOR BUILDING SIGNAGE. COORDINATE LOCATION WITH SIGNAGE VENDOR SHOP DRAWINGS.
3. LL TO PROVIDE SIGNAGE DISCONNECT ON INSIDE FACE OF WALL.
4. LL TO PROVIDE 3/4" MARINE GRADE PLYWOOD BLOCKING FOR EXTERIOR SIGNAGE. EXTEND BLOCKING 8" (205MM) MIN. BEYOND EDGE OF SIGNAGE.
5. STOREFRONT AND ENTRANCE BY LL.
6. LL TO PROVIDE GFI EXTERIOR OUTLET PER WORK LETTER REQUIREMENTS.
7. OUTLINE OF ROOF BEYOND.
8. DRIVE-THRU WINDOW AND AIR CURTAIN TO BE PROVIDED AND INSTALLED BY LL PER SBUX SPECIFICATIONS.
9. STEEL CANOPY. LL TO PROVIDE RECESSED CAN LIGHTING AT ALL CANOPIES, SEE ELECTRICAL DRAWINGS.
10. ROOF SCUPPER: CONNECT VERTICAL LEADERS TO UNDERGROUND STORM DRAIN.
11. UTILITY SCREEN
12. NEW SCONCES PER LL PER LL CRITERIA PACKAGE. LL SCONCES TO MATCH STARBUCKS SPEC.
13. EXTERIOR SPEAKER. SEE REFLECTED CEILING PLAN AND BUILDING CANOPY DETAILS.
14. LL TO PROVIDE KEYED, FROST-FREE RECESSED LOCKABLE HOSE BIB. SEE PLUMBING DRAWINGS.
15. LL TO PROVIDE POWER FOR PATIO FANS.
16. LL TO PROVIDE POWER FOR PATIO STRING LIGHTS.
17. LL TO PROVIDE SECURITY LIGHTING ABOVE REAR DOOR.


### 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.

### LEGEND - EXT. ELEV.

- HOSE BIB
- DUPLEX

FINAL BID/PERMIT SET - 09.04.2020




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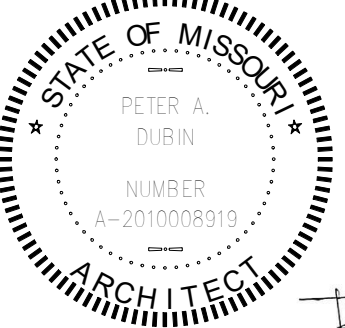
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Phone (314) 772-1782  
Fax (314) 373-3514  
Engineering Consultant

  
SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**BUILDING EXTERIOR ELEVATIONS**  
SCALE: AS SHOWN

SHEET NUMBER:  
**A201**



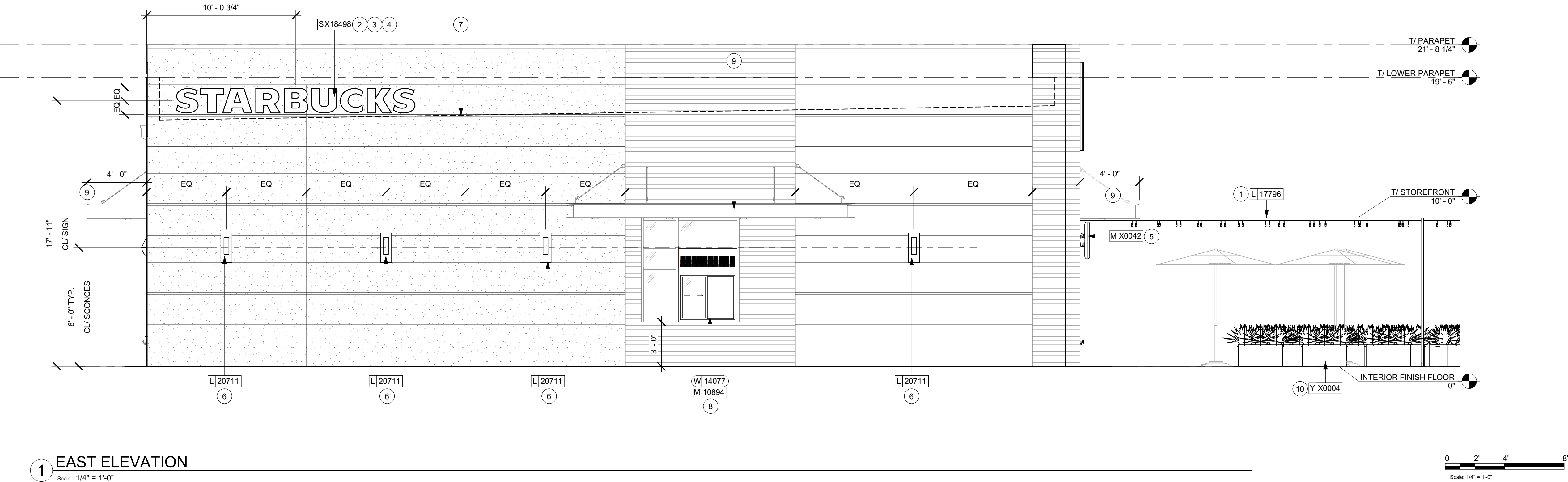
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DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
SIGNAGE - DISK						
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13184	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	GC/ HILTON	LL TO PROVIDE BLOCKING AND CONDUIT AS REQUIRED	
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE, FOOTING, ANCHOR BOLT AND CONDUIT	
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SIGNAGE - WORDMARK						
X18498	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 20IN 510MM	SB	GC/ HILTON	WORDMARK COLOR GREEN: LL TO PROVIDE CONDUIT AND BLOCKING AS REQUIRED	

## KEYED NOTES

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2. LL TO PROVIDE J-BOX FOR BUILDING SIGNAGE. COORDINATE LOCATION WITH SIGNAGE VENDOR SHOP DRAWINGS.
3. LL TO PROVIDE SIGNAGE DISCONNECT ON INSIDE FACE OF WALL.
4. LL TO PROVIDE 3/4" MARINE GRADE PLYWOOD BLOCKING FOR EXTERIOR SIGNAGE. EXTEND BLOCKING 8" (205MM) MIN. BEYOND EDGE OF SIGNAGE.
5. LL TO PROVIDE POWER FOR PATIO FANS.
6. NEW SCONCES PER LL PER LL CRITERIA PACKAGE. LL SCONCES TO MATCH STUBBUCKS SPEC.
7. OUTLINE OF ROOF BEYOND.
8. DRIVE-THRU WINDOW AND AIR CURTAIN TO BE PROVIDED AND INSTALLED BY LL PER SBUX SPECIFICATIONS.
9. STEEL CANOPY. LL TO PROVIDE RECESSED CAN LIGHTING AT ALL CANOPIES, SEE ELECTRICAL DRAWINGS.
10. PLANTER BOXES AND PLANTS BY LL.

## 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.
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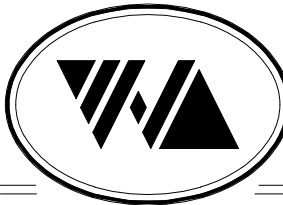


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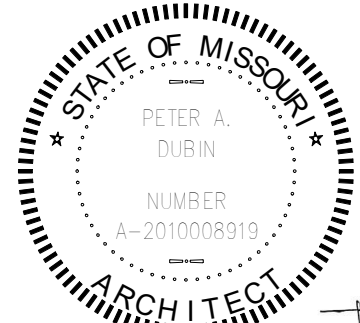
STARBUCKS TEMPLATE VERSION i2020-01-31

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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**BUILDING EXTERIOR  
ELEVATIONS**  
SCALE: AS SHOWN

SHEET NUMBER:

A202




EXTERIOR SIGNAGE SCHEDULE - "S"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
SIGNAGE - DISK					
13182	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 71IN 1805MM	SB	GC/ HILTON	LL TO PROVIDE BLOCKING AND CONDUIT AS REQUIRED
13184	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	GC/ HILTON	LL TO PROVIDE BLOCKING AND CONDUIT AS REQUIRED
SIGNAGE - DRIVE THRU					
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE, FOOTING, ANCHOR BOLT AND CONDUIT
14106	1	SIGN - DT CLEARANCE BAR ARROW SERIES FREESTANDING	SB	GC	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE, FOOTING AND ANCHOR BOLT
SIGNAGE - OTHER					
19388	3	SIGN - 10 MINUTE PARKING	SB/LL	GC	FOOTING AND POST BY LL, SIGN BY VENDOR (TUBE ART). GC TO INSTALL.
SIGNAGE - PYLON DISK					
X0044	1	MONUMENT SIGN	SB	GC/ LL	LL TO PROVIDE BASE SIGN, FOOTING, ANCHOR BOLTS AND CONDUITS. SIGN PANELS BY SBUX VENDOR
SIGNAGE - WORDMARK					
X18498	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 20IN 510MM	SB	GC/ HILTON	WORDMARK COLOR GREEN; LL TO PROVIDE CONDUIT AND BLOCKING AS REQUIRED

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	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). SCREEN INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL: GC CONNECTS DOS WHIPS & STUB-UPS TO DCB.
14119	1	MENU BOARD - DT 5 PANEL FREESTANDING - 108X66IN 2745X1650MM - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
14120	1	MENU BOARD - DT PRE MENU FREESTANDING - 36X65IN 915X1650MM - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
15700	1	MENU BOARD - DT DIGITAL ORDER SCREEN CONTROL BOX	SB	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL CONNECTION: GC. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
OTHER					
14103	7	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	LL	LL	DSA PHOTOTECH. SEE DTL.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
18818	2	LIGHT POLE - 10FT 300CM - FLAT BLACK MT0028	SB	GC	GC TO PROVIDE AIRLINE CABLE AND HOOKS AS NEEDED FOR LIGHT INSTALLATION.
18820	2	LIGHT POLE BASE PLATE - FLAT BLACK MT0028	SB	GC	
X0007	2	VEHICLE DETECTOR LOOP	SB	GC	SUPPLIER: DT AUDIO VENDOR (HME). INSTALLER: GC. LL TO PROVIDE CONDUIT
X0014	2	BIKE RACK - OLYMPIA	LL	LL	FORMS & SURFACES: OLYMPIA BIKE RACK. WWW.FORMS-SURFACES.COM; INSTALL PER MANUFACTURER'S RECOMMENDATIONS.FINISH: STANDARD BLACK TEXTURE.
PLANTER					
X0004	11	CONCRETE PLANTER BOX	LL	LL	CONCRETE PLANTERS WITH IRRIGATION BY LANDLORD. LL TO PROVIDE SPEC TO CM FOR APPROVAL.LL TO PROVIDE LANDSCAPING COORDINATE WITH OPERATIONS PRIOR TO INSTALLATION.
UMBRELLA					
12147	3	UMBRELLA - BASE 95LB 43KG - FLAT BLACK MT0028	SB	GC	
20073	3	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - GREEN CANVAS WITH WORDMARK F0056	SB	GC	

RESPONSIBILITY  
LEGEND

GC GENERAL CONTRACTOR  
LL LANDLORD  
SB STARBUCKS

FINAL BID/PERMIT SET - 09.04.2020




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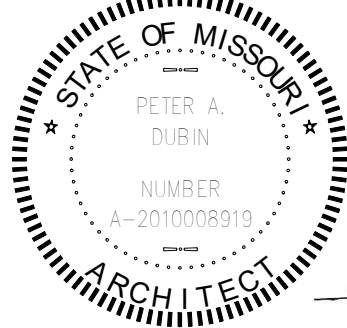
STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**



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Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
**155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY**

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**SCHEDULES**

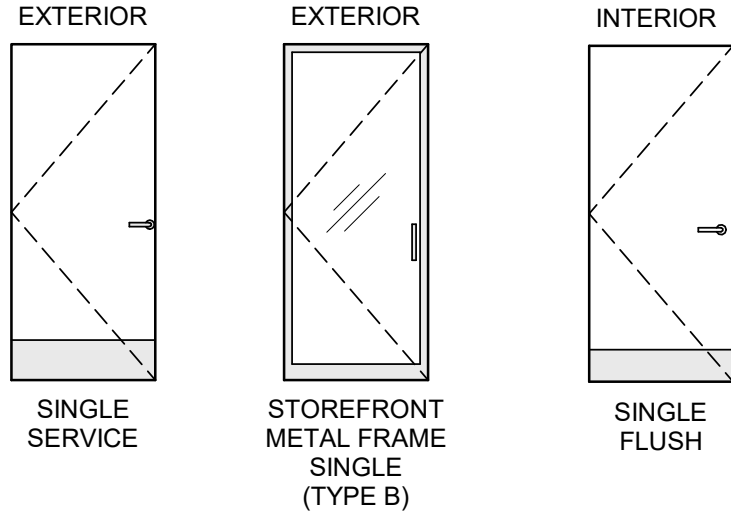
SCALE: AS SHOWN

SHEET NUMBER:  
**A601**



DOOR SCHEDULE - "D"									
DESIGN ID	MARK	DESCRIPTION	WIDTH	HEIGHT	HARDWARE SET	FURN BY	INST BY	COMMENTS	
Exterior									
X0001	96	DOOR - SINGLE SERVICE - 36IN	3' - 0"	7' - 0"	12	LL	LL	SEE INTERIOR ELEVATIONS FOR FINISHES. LL GC TO COORDINATE AND PAINT PER TENANT'S DRAWINGS.	
X0002	97	DOOR - SINGLE SERVICE - 42IN	3' - 6"	7' - 0"	42	LL	LL	SEE INTERIOR ELEVATIONS FOR FINISHES. LL GC TO COORDINATE AND PAINT PER TENANT'S DRAWINGS.	
10205	98	DOOR - STOREFRONT METAL FRAME SINGLE - TYPE B	3' - 0"	7' - 0"	2-A	LL	LL		
3									
Interior									
10190	80	DOOR - SINGLE FLUSH - 36IN	3' - 0"	7' - 0"	6	SB	GC	FINISH: PL0027 FRAME: SW7748	
10190	91	DOOR - SINGLE FLUSH - 36IN	3' - 0"	7' - 0"	6	SB	GC	FINISH: PL0027 FRAME: SW7748	
2									

DOOR LEGEND



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 Combined "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. 12 - For secondary 36" 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 Combined "A" Keyway	Falcon Lock	626
1	Securing Deices	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 8" x 34"	Rockwood	630
1	Accessories	137NA Weather Strip 17" 36" x 84"	National Guard	A
1	Accessories	Door Sweep 18062CNB36	Pemko	A
1	Miscellaneous Items	DS/1000 Door Scope	Security...	Silver
1	Miscellaneous Items	MCV309NWHGL Door Bell	Nutone	As Selected

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 Combined "A" Keyway	Falcon Lock	626
1	Securing Devices	I/O 2000L-03IC Auto Locking Door Alarm, IC: No CTR Includes Mortise Cylinder - PANIC HARDWARE	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


STOREFRONT SCHEDULE					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
WINDOW					
14077	1	WINDOW - DT NO TRANSOM - 48X60IN 1205X1510MM - STANDARD GLASS	LL	LL	READY ACCESS WINDOW 275 PASS THRU. CONTACT: ANNA ELLIS, ANNA@READY-ACCESS.COM. FINISH TO MATCH LL STOREFRONT.

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

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.

FINAL BID/PERMIT SET - 09.04.2020




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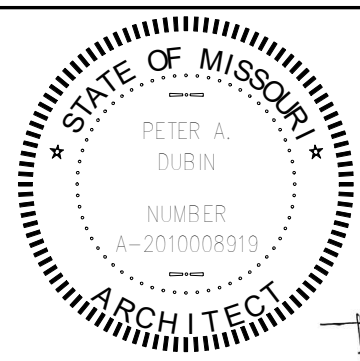
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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**

**Engineering Consultant**

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SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

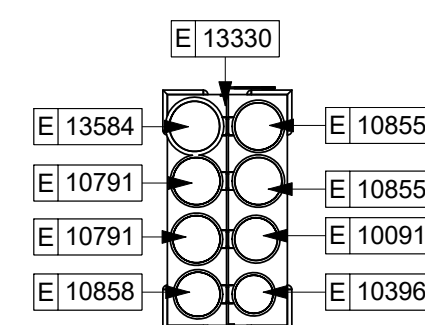
**Revision Schedule**

Rev	Date	By	Description

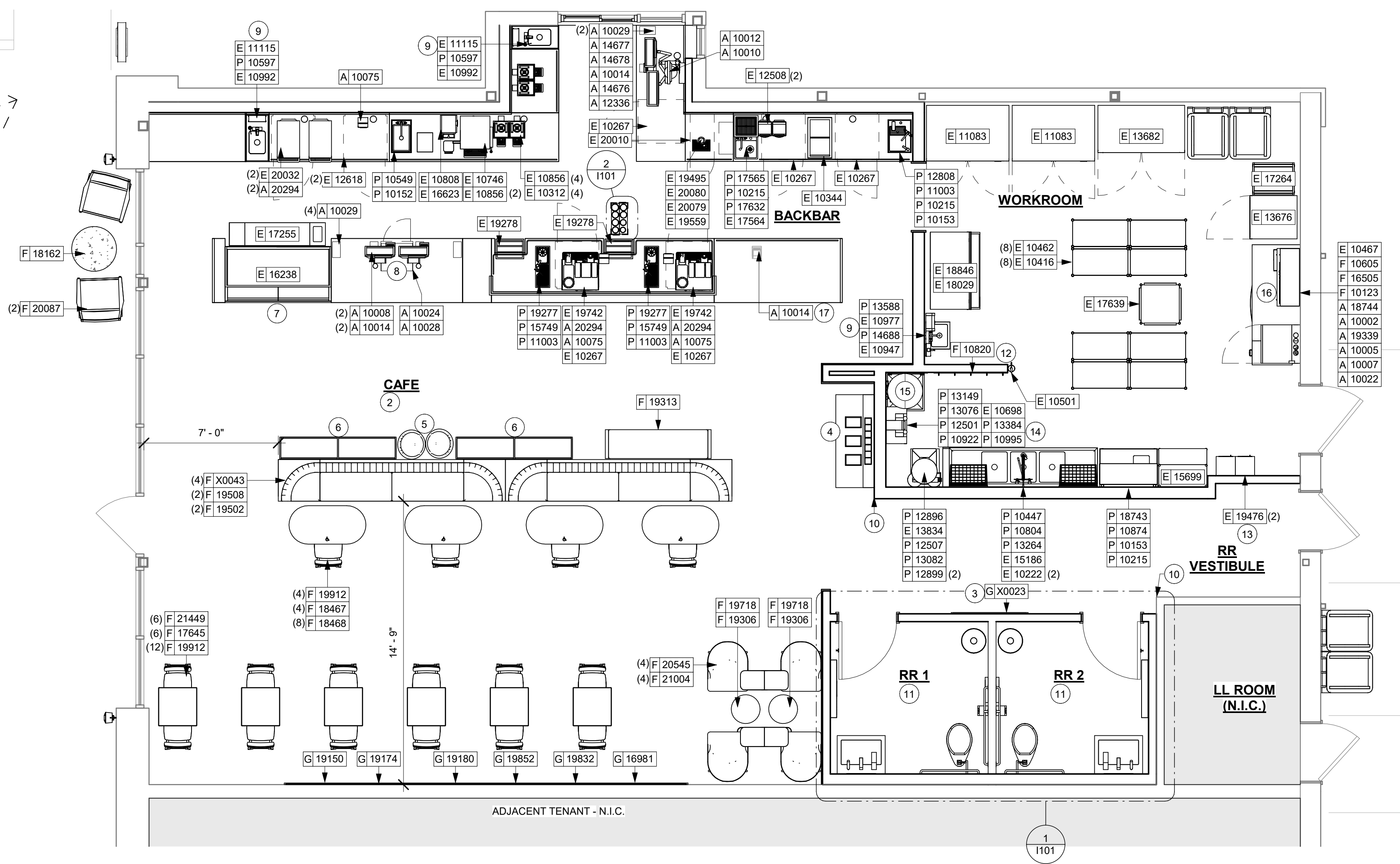
SHEET TITLE:  
**WINDOW AND DOOR SCHEDULES & DETAILS**  
SCALE: AS SHOWN

SHEET NUMBER:  
**A602**





## 2 ENLARGED CUP CADDY



0 2' 4' 8'

Scale:  $\frac{1}{4}" = 1'-0"$

## 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.
- 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.



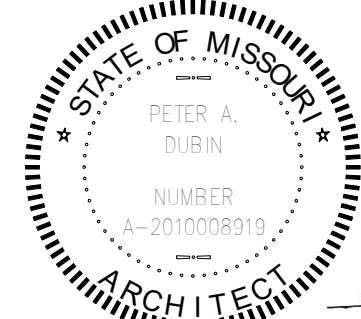
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Engineering Consultant



SIGNED: 09.04.202  
EXPIRES: 12.31.20

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #:	63039
PROJECT #:	88084-001
ISSUE DATE:	09-04-2020
SR. DESIGN MANAGER:	K. GORIN-SLONSKY
PRODUCTION DESIGNER:	A. MAUSER
CHECKED BY:	NOBB

Revision Schedule			
Rev	Date	By	Description

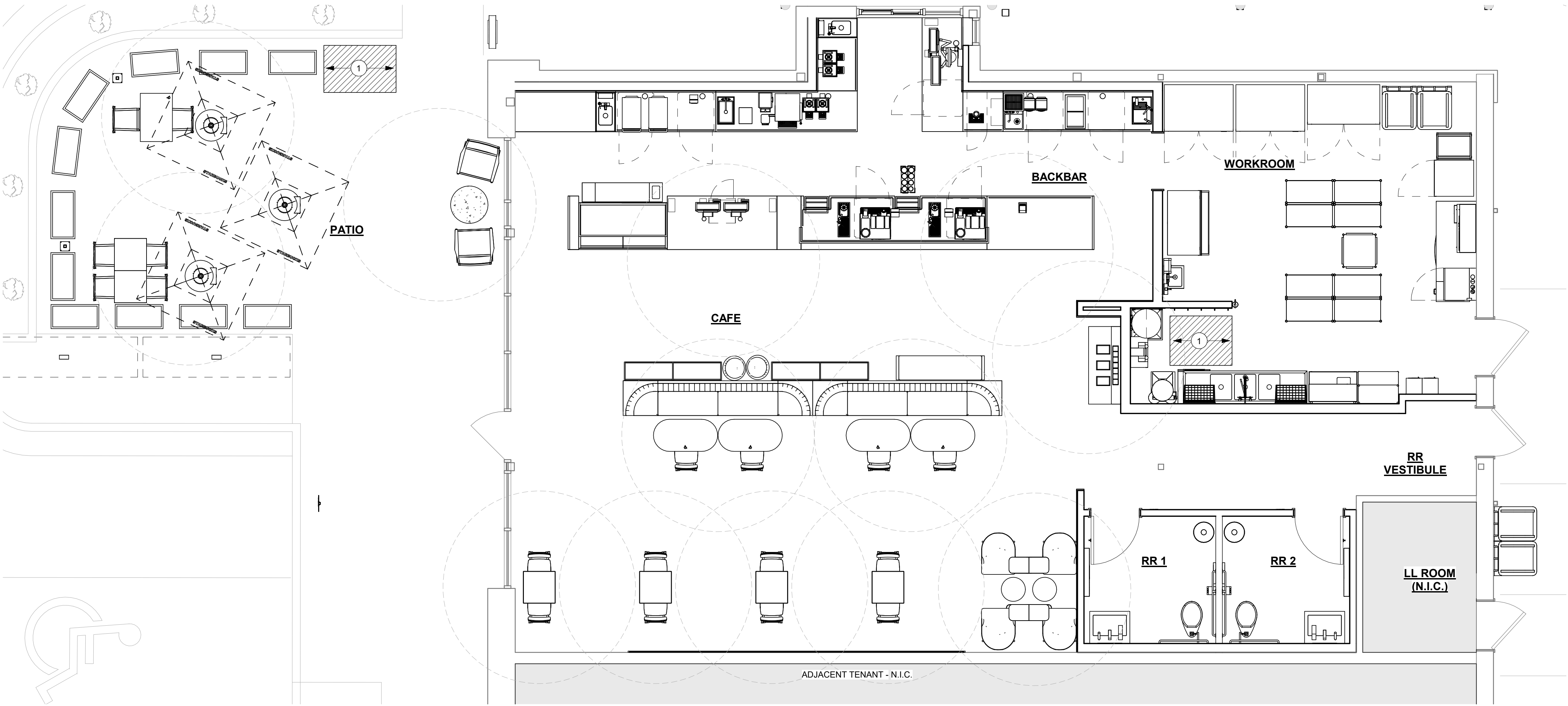
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FF & F PLAN

SCALE: AS SHOWN

1101



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LIMITED OPERATIONS FF&E

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KEYED NOTES

1. FURNITURE STORAGE AREA



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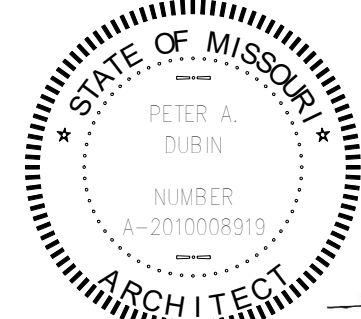
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PROJECT NAME:  
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COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
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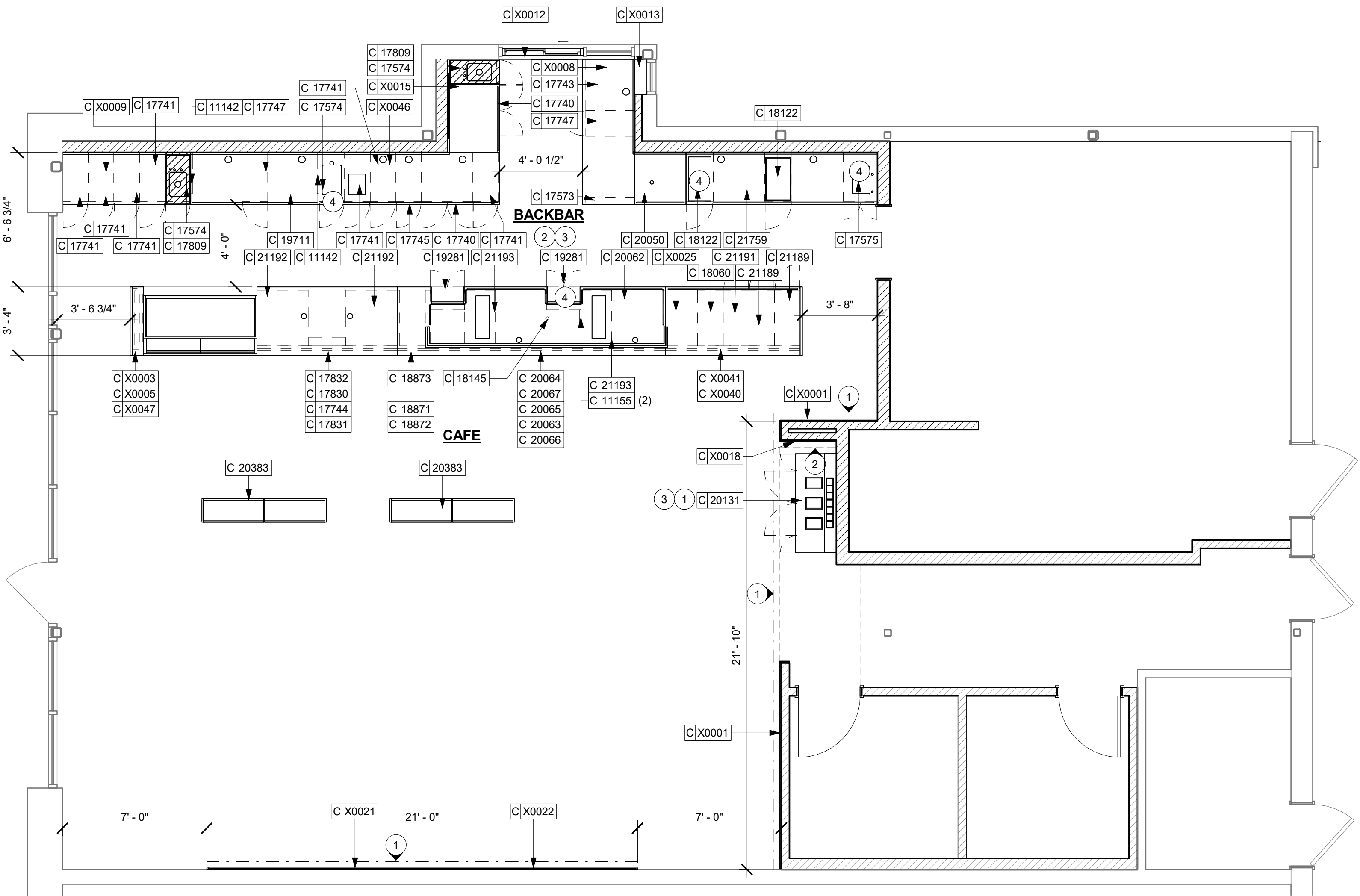
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PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**LIMITED OPERATIONS  
FF&E**  
SCALE: AS SHOWN

SHEET NUMBER:  
**1101.1**





CASEWORK PLAN

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

### KEYED NOTES

**\*\*NOTE: CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS & SAMPLES FOR DESIGNER APPROVAL PRIOR TO FABRICATION.**

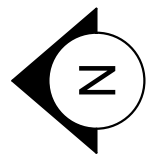
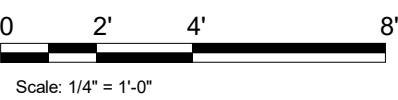
- DO NOT CAULK TRASH RINGS TO COUNTERTOPS.
- INSTALL CASEWORK, COUNTERTOPS, SHELVES, CUBBIES, FINISHES, TRIM AND TABLE TOPS THROUGHOUT. REFERENCE FINISH SCHEDULE AND MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ALL COUNTERTOPS UTILIZED FOR CUSTOMER TRANSACTIONS, INCLUDING BAR, CONDIMENT AND SALES COUNTERTOPS SHALL BE INSTALLED AT 2'-10" (860 MM) MAXIMUM A.F.F.
- FLOOR DRAIN BELOW. CASEWORK MANUFACTURER TO COORDINATE DESIGN TO INSURE THIS AREA IS READILY ACCESSIBLE FOR CLEANING AND FREE OF COUNTERTOP SUPPORT.

### GENERAL NOTES


- GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF A DISCREPANCY EXISTS BETWEEN CASEWORK SHOP DRAWINGS, EXISTING SITE CONDITIONS, ARCHITECTURAL DRAWINGS OR BUILT FIXTURES. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY GC PRIOR TO SHOP DRAWINGS PRODUCTION.
- 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.
- STARBUCKS CONTRACTS DIRECTLY WITH CASEWORK VENDOR TO SUPPLY CASEWORK LISTED IN THE CASEWORK SCHEDULE, UNLESS OTHERWISE NOTED.
- CASEWORK VENDOR TO PROVIDE COMPLETE SHOP DRAWINGS AND INSTALLATION PACKAGE TO GENERAL CONTRACTOR TO FACILITATE PROPER INSTALLATION.
- ALL CASEWORK BOX BASE / TOE KICKS SHALL BE SET AND LEVELED USING 1/4" (6 MM) NON-ABSORBENT PLASTIC SHIMS PROVIDED BY CASEWORK VENDOR.
- SEE INTERIOR FINISH ELEVATIONS AND SCHEDULES FOR LOCATION AND TAGGING OF WALL TREATMENTS BY CV AND OTHERS.
- SEE REFLECTED CEILING PLAN FOR CASEWORK SOFFIT LOCATIONS.
- REFERENCE PLUMBING AND ELECTRICAL PLANS FOR PLACEMENT OF ELECTRICAL, DATA AND PLUMBING ON FRONT AND BACKLINE OF BAR.
- PROVIDE ACCENT LIGHTING AT FRONT EDGE OF BAR. SEE INTERIOR ELEVATIONS AND ELECTRICAL FOR ADDITIONAL INFORMATION.
- 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
- INDICATES WOOD CLADDING FINISH: WD0073 MAD200-V
- INDICATES WOOD CLADDING FINISH: WD0073 MAD100-V



FINAL BID/PERMIT SET - 09.04.2020




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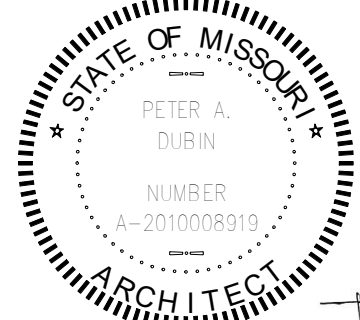
STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**



William J. Alkemeyer, P.E.  
353 Marshall Avenue  
St. Louis, Missouri 63119  
Phone (314) 772-1782  
Fax (314) 373-3514

Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLOSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**CASEWORK PLAN**

SCALE: AS SHOWN

SHEET NUMBER:  
**1102**



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KEYED NOTES

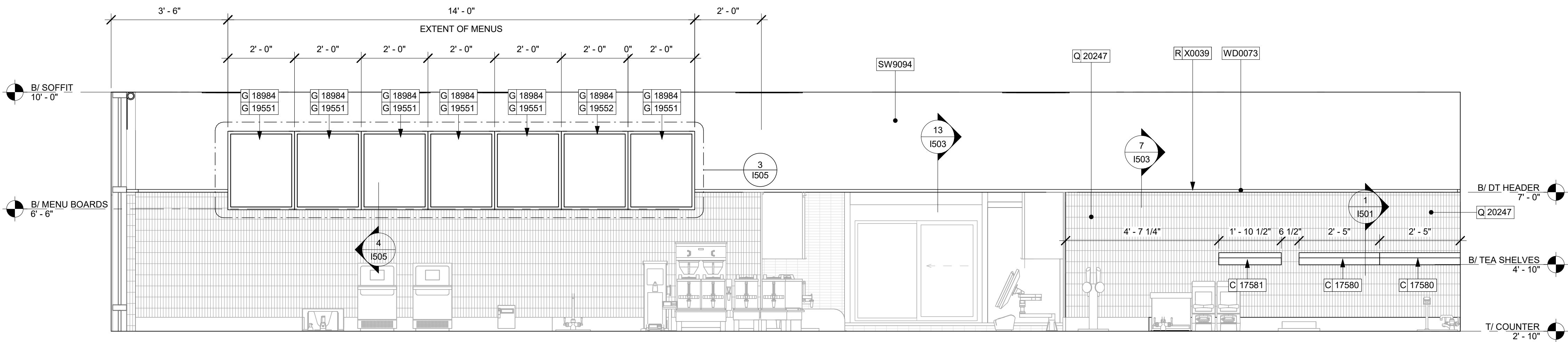
\*\*NOTE: CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS & SAMPLES FOR DESIGNER APPROVAL PRIOR TO FABRICATION.

GENERAL NOTES

- A. GENERAL CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER IMMEDIATELY IF A DISCREPANCY EXISTS BETWEEN CASEWORK SHOP DRAWINGS, EXISTING 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.

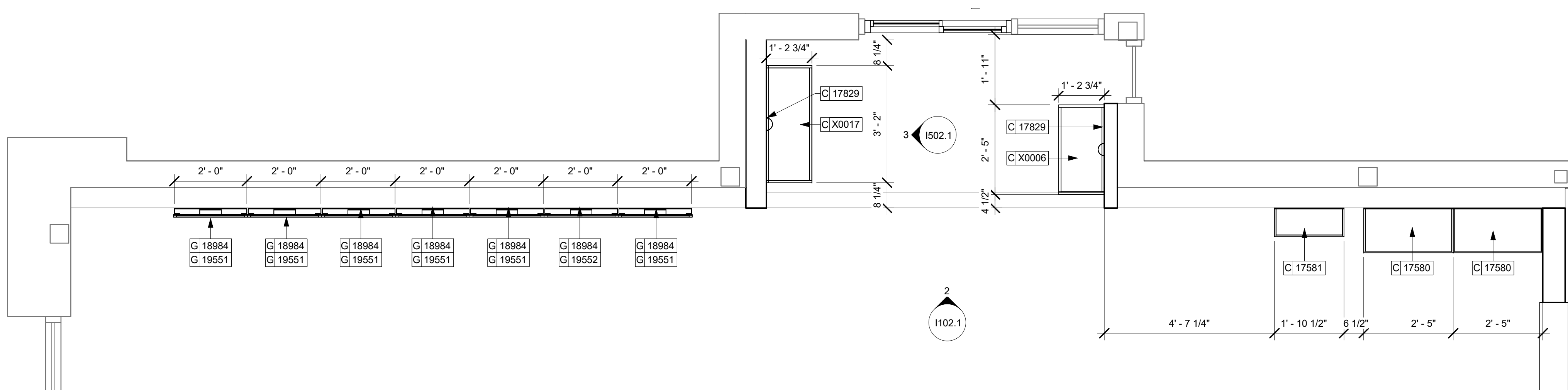
LEGEND

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- INDICATES SOLID SURFACE (SS) COUNTERTOP



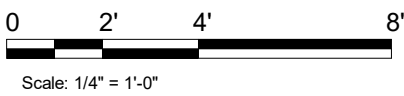
2 UPPER CASEWORK ELEVATION

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



1 UPPER CASEWORK PLAN

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



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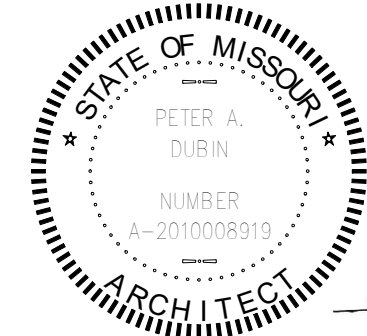
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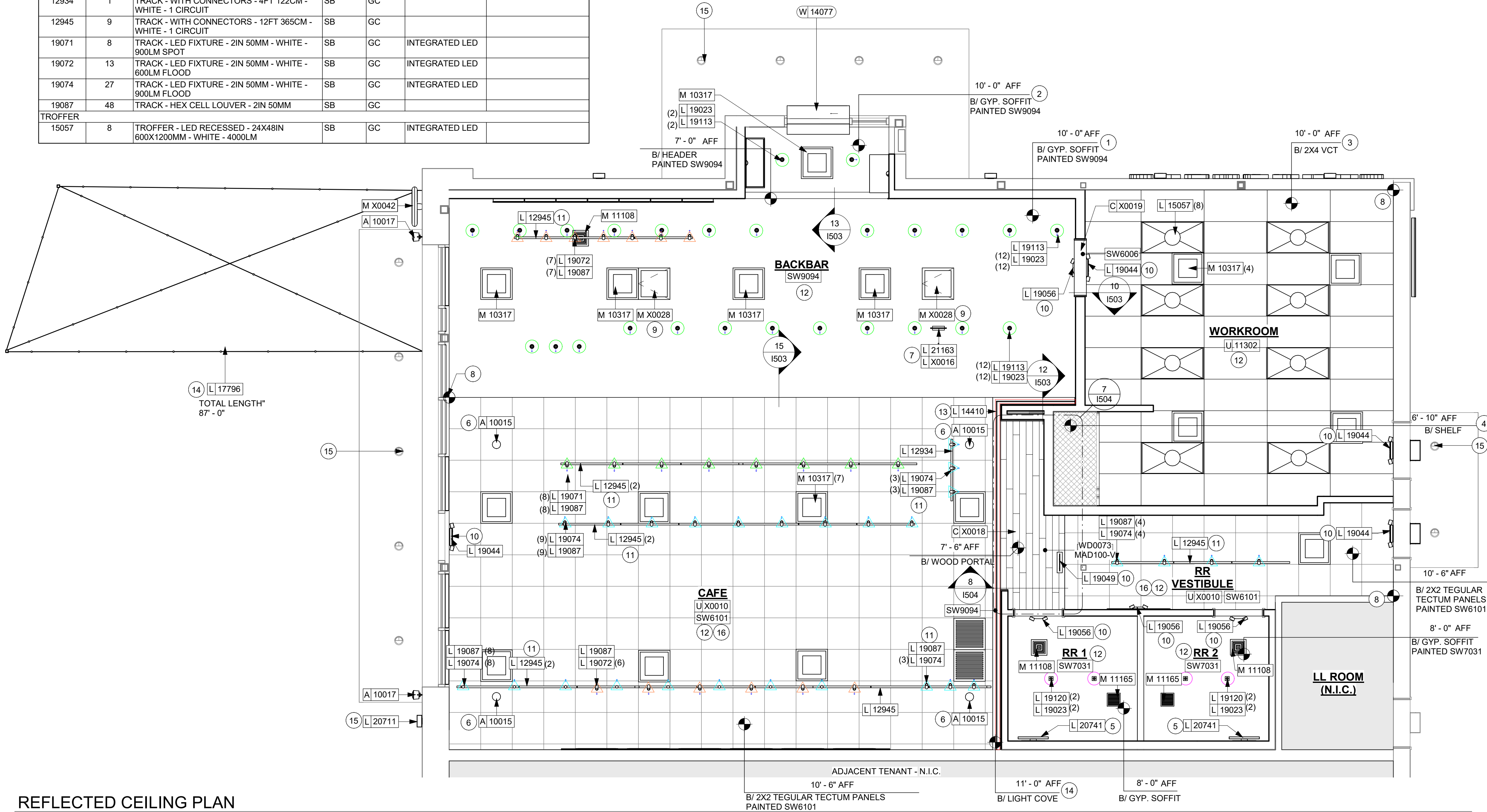
SHEET NUMBER:  
**1102.1**



LIGHTING FIXTURE SCHEDULE - "L"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EXIT						
11483	2	EXIT - SECURITY LIGHT WALL MOUNTED	LL	LL	HID 150W OR EQUAL	LITHONIA LIGHTING. TYP 150S TB OR APPROVED EQUAL
19044	4	LED EXIT SIGN WITH EMERGENCY LIGHT - WHITE AND RED	SB	GC	INTEGRATED LED	
19049	1	LED EXIT SIGN RECESSED - WHITE AND RED	SB	GC	INTEGRATED LED	
19056	4	LED EMERGENCY LIGHT DOUBLE - WHITE	SB	GC	INTEGRATED LED	
OTHER						
17796	5	STRING LIGHTS	SB	GC	INTEGRATED LED	POWER BY LANDLORD. THREE RUNS OF LIGHTS, TOTAL LENGTH REQUIRED: 77'-1". GC TO PROVIDE AIRLINE CABLE AND HOOKS AS NEEDED FOR MOUNTING.
RECESSED CAN						
19023	30	CAN - LED MOUNTING FRAME - 2IN 50MM - NEW CEILING	SB	GC		
19113	26	CAN - LED ADJUSTABLE GIMBAL WITH DRIVER - 2IN 50MM - WHITE - 1000LM NFL	SB	GC		
19120	4	CAN - LED DOWNLIGHT REFLECTOR WITH DRIVER SQUARE - 2IN 50MM - WHITE - 1000LM FLOOD	SB	GC		
SCONCE						
20711	6	SCONCE - HINKLEY ATLANTIS LARGE - BLACK	LL	LL	INTEGRATED LED	DOLAN HOSPITALITY MFR #376769 ATLANTIS OUTDOOR SCONCE
20741	2	SCONCE - KUZCO VEGA - 23IN 585MM - GOLD	SB	GC	INTEGRATED LED	
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		GC TO PROVIDE BLOCKING AND ELECTRICAL IN SOFFIT AS REQUIRED
X0016	1	SIGN - MOP SIGN - 4FT EXTENSION LEGS	SB	GC		TO BE OUT IN FIELD ORDER WITH MOP SIGN DID 21163. VENDOR: WALTON.
STRIP						
14410	2	STRIP - LED TAPE - VARIABLE LENGTH - 315LM PER FT	SB	GC	INTEGRATED LED	LENGTH: 27'-0". FIELD TRIMMABLE TO 6IN LENGTHS
TRACK						
12934	1	TRACK - WITH CONNECTORS - 4FT 122CM - WHITE - 1 CIRCUIT	SB	GC		
12945	9	TRACK - WITH CONNECTORS - 12FT 365CM - WHITE - 1 CIRCUIT	SB	GC		
19071	8	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 900LM SPOT	SB	GC	INTEGRATED LED	
19072	13	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 600LM FLOOD	SB	GC	INTEGRATED LED	
19074	27	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 900LM FLOOD	SB	GC	INTEGRATED LED	
19087	48	TRACK - HEX CELL LOUVER - 2IN 50MM	SB	GC		
TROFFER						
15057	8	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4000LM	SB	GC	INTEGRATED LED	

CEILING TREATMENT SCHEDULE - "U"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
ACOUSTICAL CEILING TILE					
11302	319 SF	ACT VINYL- 2x4'	GC	GC	ARMSTRONG. MODEL: CLEAN ROOM VL 2X4 (NONPERFORATED) COLOR: WHITE. EDGE PROFILE: SQUARE LAY-IN. ITEM#870
X0010	892 SF	CEILING TILE 2X2FT - TECTUM PANELS - PAINTED	GC	GC	ARMSTRONG TECTUM PANELS 2X2FT 1" THICK VERTICAL LINE DESIGN. PROVIDE GRID. PAINT TILES AND GRID SW6101. TEGULAR EDGE 15/16 PRELUDE EXPOSED TEE GRID. 8-WEEK LEAD TIME.

MECHANICAL EQUIPMENT SCHEDULE - "M"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
FAN					
10894	1	FAN - DT AIR CURTAIN WITH HEATER - 48IN 1220MM	LL	LL	READY ACCESS AIR AA300 PASS-THRU AIR CURTAIN. CONTACT: ANNA ELLIS ANNA@READY-ACCESS.COM
X0042	1	FAN - WALL MOUNTED FAN - PATIO	GC	GC	GLOBAL INDUSTRIAL 30IN OSCILLATING WALL MOUNTED FAN. ITEM #19F292451. GC TO PROVIDE MOUNTING PARTS AS NEEDED. LL TO PROVIDE POWER.
HVAC					
10317	17	HVAC - VAV SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.
11108	3	HVAC - SUPPLY 4 WAY LAY IN SQUARE - 12IN 305MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.
11163	2	HVAC - RETURN LAY IN SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.
11165	2	HVAC - RETURN CHANNEL FRAME SQUARE - 10IN 255MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC	
X0028	2	ACCESS PANEL	GC	GC	BAUCO PLUS II. MODEL #20-58-2424. PAINT TO MATCH ADJACENT FINISH.



REFLECTED CEILING PLAN

## KEYED NOTES

- GWB SOFFIT. PAINT CEILING DIFFUSERS TO MATCH ADJACENT CEILING FINISH.
- GWB CEILING; PAINT CEILING DIFFUSERS AS INDICATED.
- WASHABLE CEILING TILE LOCATED IN BACK OF HOUSE.
- PLATFORM FOR HEATER AND WATER FILTRATION. PROVIDE SOFFIT AND LIFT CEILING THIS AREA ONLY TO INSURE ADEQUATE CLEARANCE FOR SERVICING.
- RESTROOM SCONCE; SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT.
- RECESSED SPEAKER.
- ILLUMINATED MOP SIGN. REFER TO ELECTRICAL SHEETS. GC TO PROVIDE ADEQUATE BLOCKING AND ELECTRICAL WITHIN SOFFIT FOR PROPER SUPPORT.
- CEILING TILE START POINT.
- RECESSED ACCESS HATCH. PAINT TO MATCH ADJACENT FINISH. FINAL LOCATION AND QUANTITY TO BE CONFIRMED AND APPROVED IN FIELD BY STARBUCKS CONSTRUCTION MANAGER.
- GC TO CONFIRM EMERGENCY LIGHTING LOCATIONS/QUANTITY WITH FIRE MARSHAL.
- SURFACE MOUNTED TRACK LIGHTING.
- HEATING, VENTILATING, AND AIR CONDITIONING SHOWN FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- LIGHT COVE FOR LED STRIP. SEE DETAILS FOR ADDITIONAL INFORMATION.
- INSTALL STRING LIGHTS AS INDICATED. LL TO PROVIDE POWER.
- EXTERIOR LIGHTING TO BE PROVIDED BY LL.
- PAINT GRID AND GRILLS TO MATCH TECTUM TILES.

## GENERAL NOTES

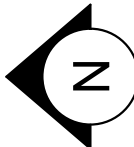
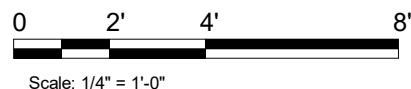
- REFERENCE LOW VOLTAGE PLAN SHEET AND ELECTRICAL DRAWINGS.
- IF REQUIRED BY LOCAL CODE. GENERAL CONTRACTOR TO PROVIDE SEMI-RECESSED SPRINKLER HEADS WITH POLISHED CHROME ESCUTCHEONS CENTERED IN ACOUSTICAL CEILING TILE. IF PENDANT HEADS ARE REQUIRED IN GWB SOFFIT OVER FRONT BAR, CONCEAL SUPPLY PIPING WITHIN SOFFIT. GENERAL CONTRACTOR TO SUBMIT SPRINKLER LAYOUT TO STARBUCKS' CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO INSTALLATION.
- LEAVE TEN (10) ADDITIONAL RETAIL CEILING TILES TO MATCH RETAIL CEILING PAINT COLOR ABOVE THE WORKROOM CEILING AT MANAGER'S DESK FOR FUTURE USE.
- PROVIDE GRIMMET AT ACOUSTIC CEILING PENETRATIONS FOR FIXTURES OF SUPPORTS.
- HEATING, VENTILATING AND AIR CONDITIONING SHOWN ON THIS PLAN PROVIDED FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- DIFFUSERS AND RETURNS IN ACOUSTICAL CEILING TILE TO BE CENTERED IN TILE AND PAINTED TO MATCH ADJACENT FINISHES (TYP.).
- PAINT ALL EXPOSED HVAC DUCTS, HVAC DIFFUSERS, LIGHT TRIM RINGS, PIPING, CONDUIT AND JUNCTION BOXES THE SAME COLOR OR AS SPECIFIED ON SURROUNDING CEILING OR SOFFIT UNLESS OTHERWISE NOTED. TYPICAL THROUGHOUT RETAIL AREA OF STORE.
- PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS' NATIONAL ACCOUNT "COLOR CODE" WHEN ORDERING PAINTS.
- DATA CABLING ABOVE HEAD SHALL BE IN PLENUM WHEN AVAILABLE.
- DATA CABLING AT EXPOSED CEILING SHALL BE INSTALLED IN METAL CONDUIT OR PER LOCAL CODE REQUIREMENT.

## LEGEND

- ELEVATION DATUM
- TRACK LIGHTING
- STRIP LIGHTING
- PENDANT LIGHT
- RECESSED CAN LIGHT
- ADJUSTABLE RECESSED CAN LIGHT
- TROFFER
- WALL SCONCE
- EXIT SECURITY LIGHT
- MUSIC SYSTEM WALL MOUNTED SPEAKER
- MUSIC SYSTEM PENDANT SPEAKER
- SUPPLY AIR
- RETURN AIR
- PIR MOTION SENSOR

## LEGEND - LIGHTING

- CAN LIGHT - WHITE, ADJUSTABLE LED, FLOOD 1000 LM DID: 19120 + 19023
- CAN LIGHT - WHITE, ADJUSTABLE LED, NARROW FLOOD 1000 LM DID: 19113 + 19023
- TRACK LIGHT - WHITE, FLOOD 900 LM, INC. HEX LOUVER DID: 19074 + 19087 AIMED DOWN AT TABLES/CONDIMENT CART
- TRACK LIGHT - WHITE, SPOT 900 LM, INC. HEX LOUVER DID: 19071 + 19087 AIMED AT MERCHANDISE DISPLAYS
- TRACK LIGHT - WHITE, FLOOD 600 LM, INC. HEX LOUVER DID: 19072 + 19087 AIMED AT MENUS/ARTWORK
- LED TAPE STRIP DID: 14410



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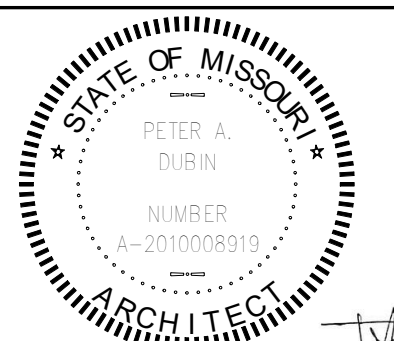
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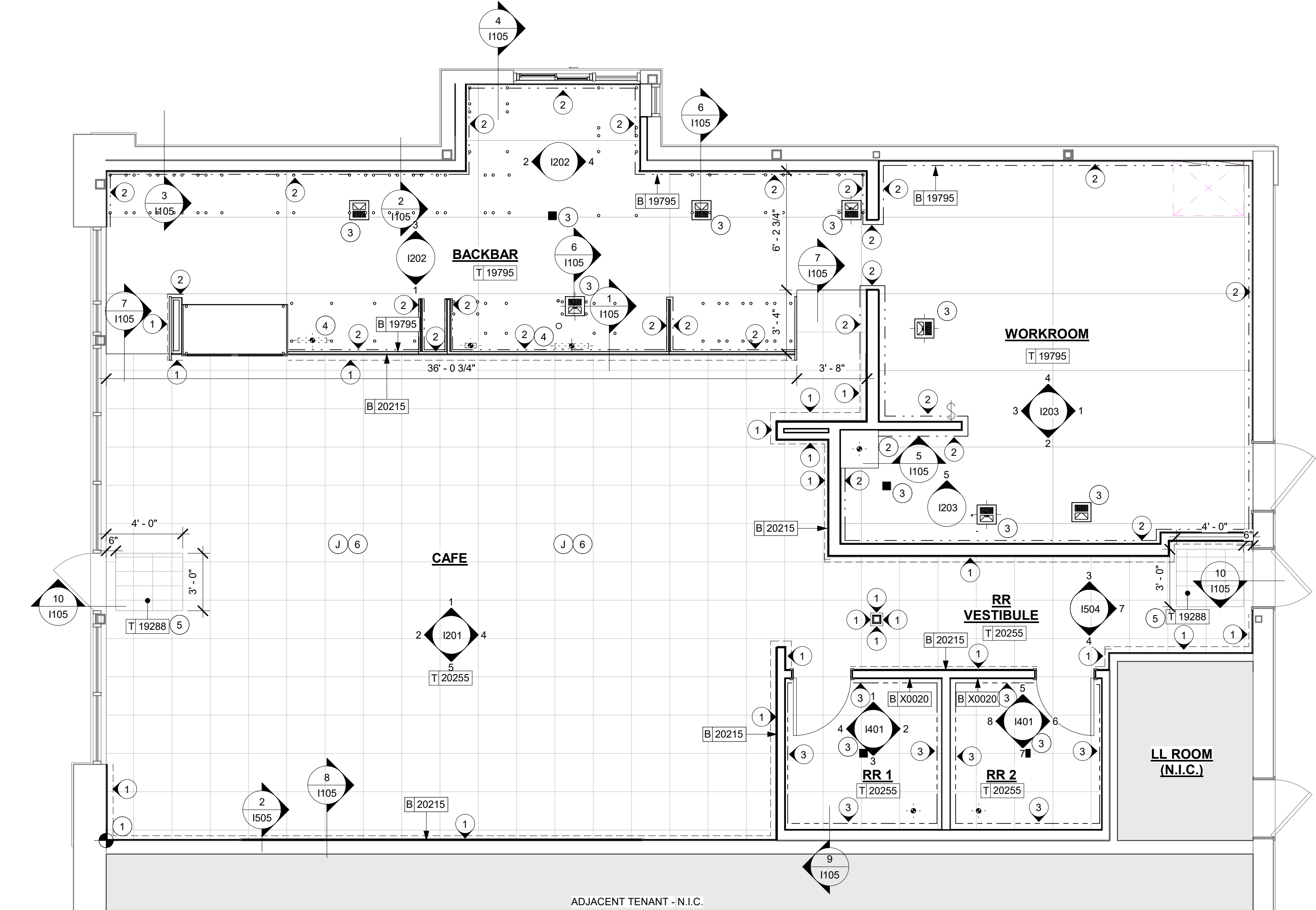
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FLOOR FINISH PLAN

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

FLOOR TREATMENT SCHEDULE - "T"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
19795	844 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	MANUFACTURER: ALLIED ECO-GRIP. PEWTER
TILE					
20255	1287 SF	TILE - VENICE VILLA - GRAPHITE - 24X24IN 600X600MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL
WALK OFF MAT					
19288	21 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	SB	GC	ORDER WITH METAL FRAME FROM VENDOR

WALL BASE SCHEDULE - "B"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
METAL BASE					
X0020	57' - 5 1/4"	METAL BASE - SCHULTER DILEX-AHK COVE	GC	GC	FINISH: SATIN NICKEL. SCHLUTER DILEX-AHK COVE
TILE BASE					
19795	182' - 11 1/2"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	MANUFACTURER: ALLIED ECO-GRIP. PEWTER
20215	144' - 0 1/2"	TILE BASE - FORMULA - UNION BLACK - 6X12IN 150X300MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL

KEYED NOTES

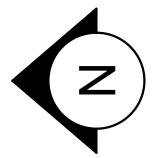
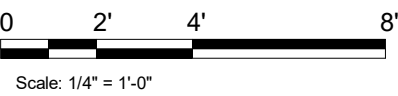
1. TILE START POINT WHERE INDICATED.
2. MOP SINK WHERE INDICATED. SEE PLUMBING PLANS FOR MORE INFORMATION.
3. FLOOR SINK/DRAIN LOCATION. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND PLUMBING FOR ADDITIONAL INFORMATION.
4. ELECTRICAL STUB-UP LOCATION. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND ELECTRICAL FOR ADDITIONAL INFORMATION.
5. RECESSED WALK-OFF MAT AT ENTRY. SEE INTERIOR DETAIL SHEETS FOR TRANSITION.
6. ELECTRICAL FLOOR OUTLET FOR BANQUETTE. REFER TO ELECTRICAL SHEETS AND CUTSHEETS FOR MORE 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.

FLOOR FINISH LEGEND

- |   |  |
|---|--|
| 1 | TILE BASE - UNION BLACK<br>6IN X 12IN<br>DID:20215 GROUT: MAPEI 47 |
| 2 | POLYVINYL BASE - ECOGRIP - PEWTER<br>DID: 19795                    |
| 3 | SCHLUTER COVE BASE<br>DID: X0020                                   |



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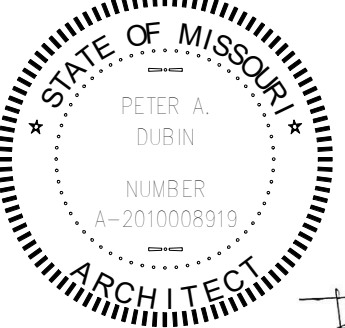
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EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

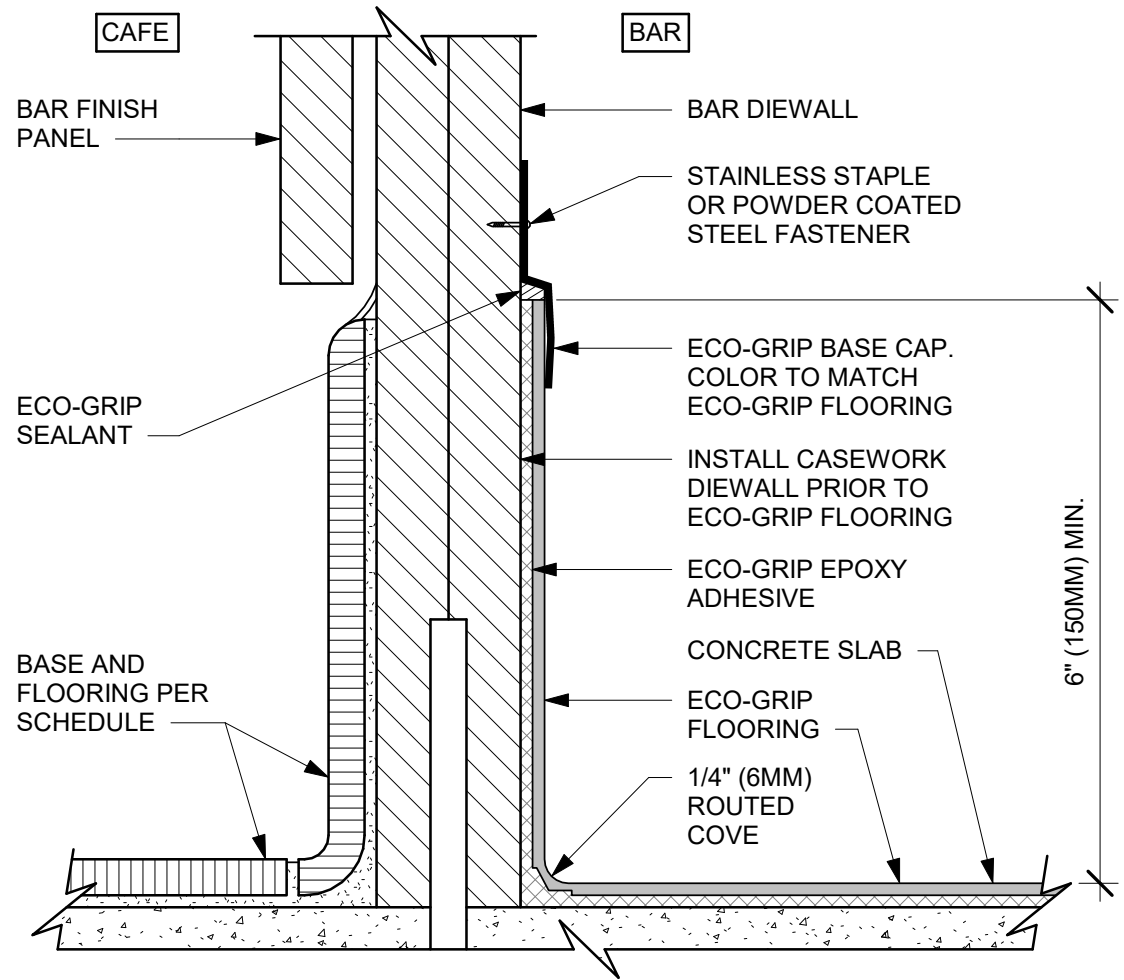
SHEET TITLE:  
**FLOOR FINISH PLAN**

SCALE: AS SHOWN

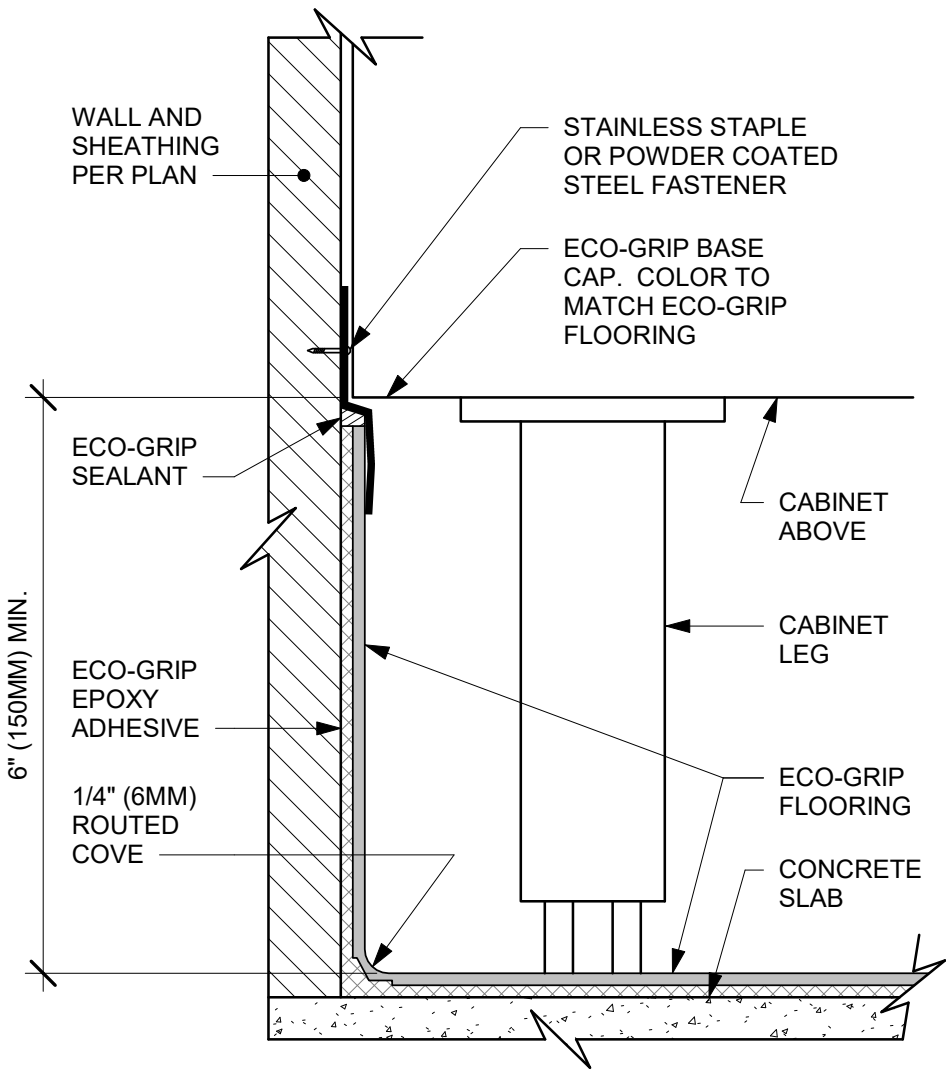
SHEET NUMBER:  
**1104**



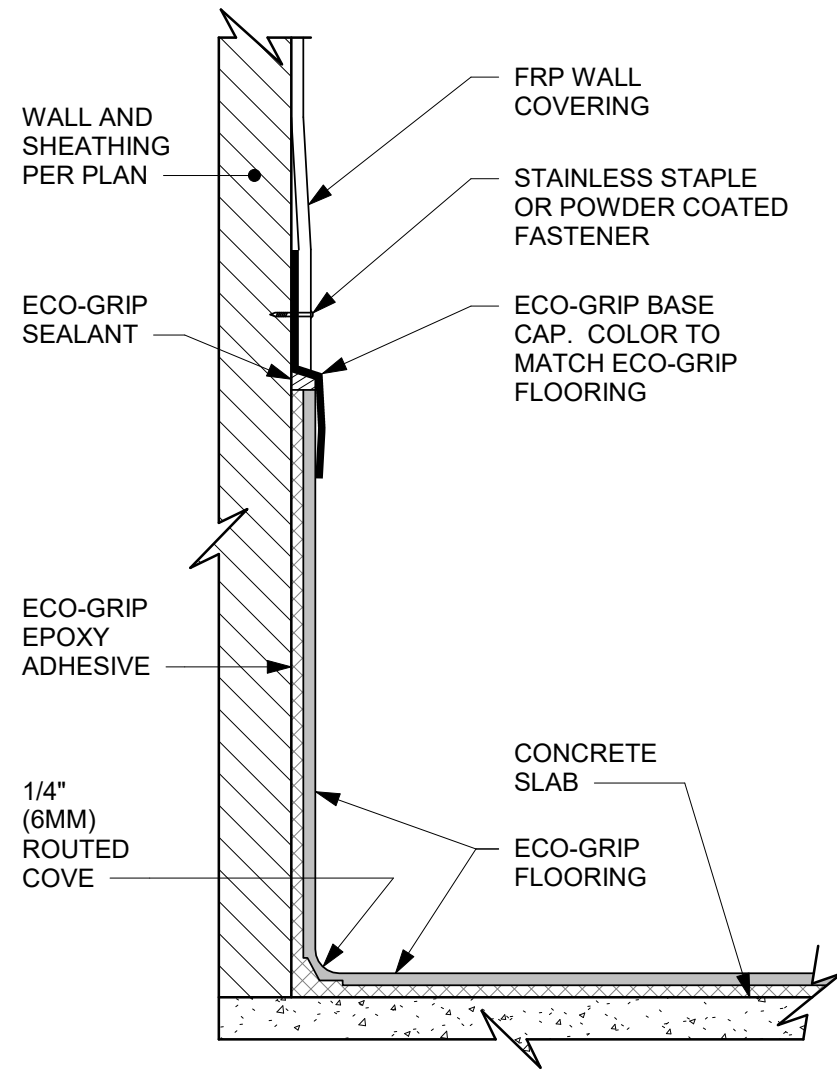
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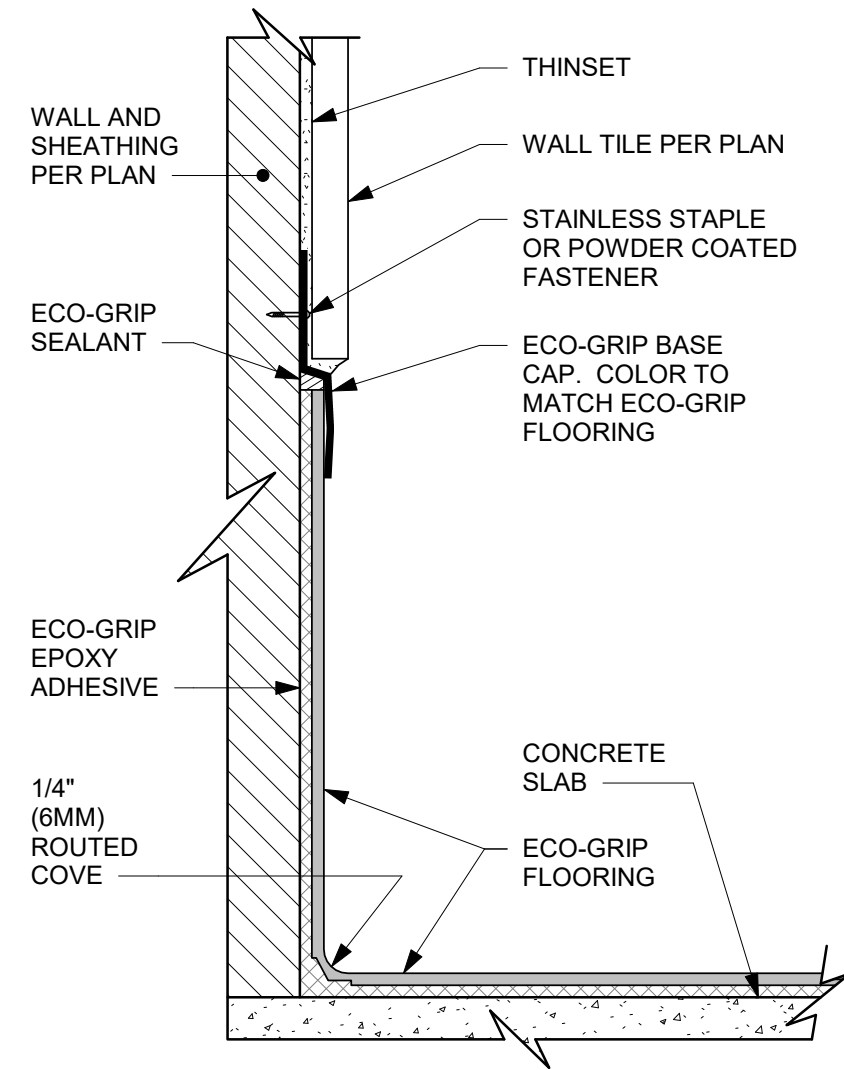
1 ECO-GRIP BASE AT BAR DIEWALL  
Scale: 6" = 1'-0"



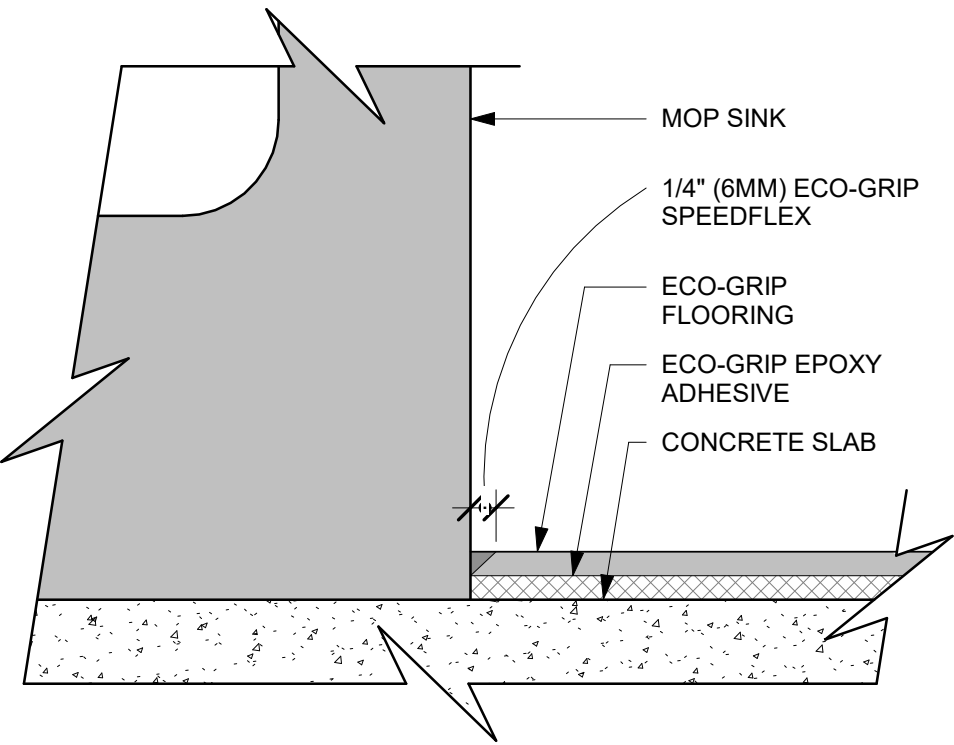
2 ECO-GRIP BASE AT CABINET WITH LEGS  
Scale: 6" = 1'-0"



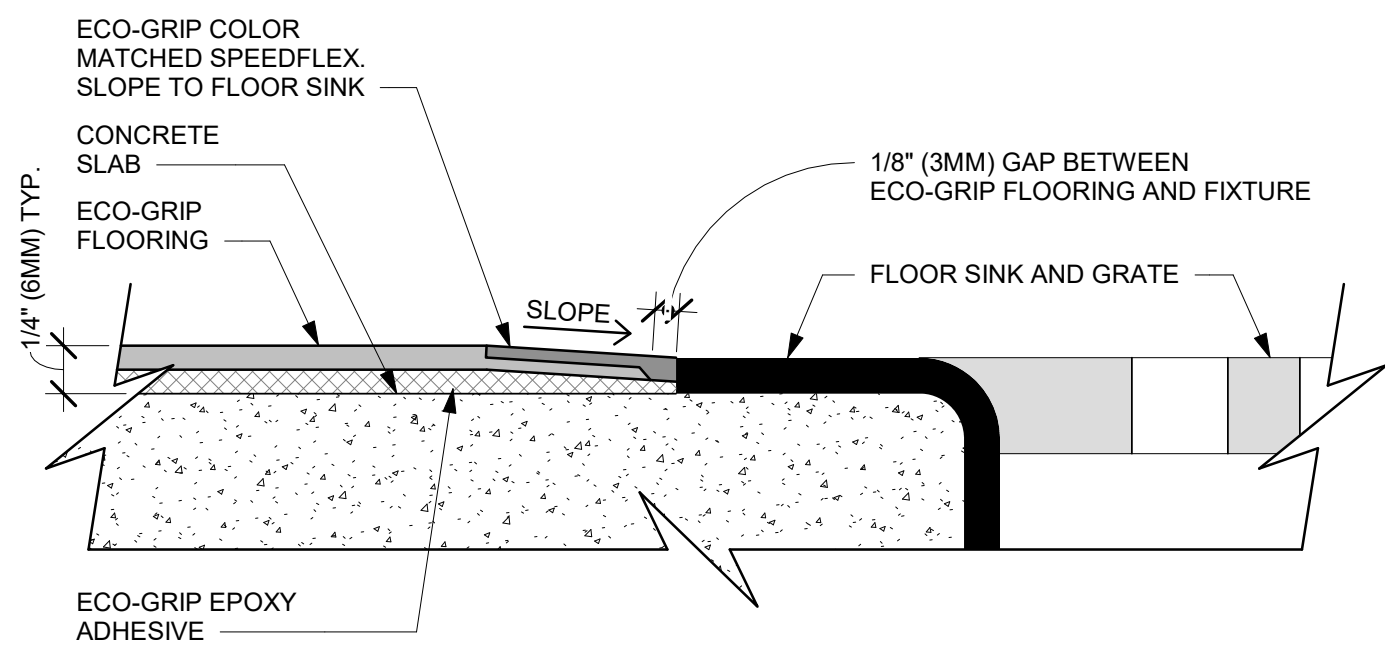
3 ECO-GRIP BASE CAP WITH FRP  
Scale: 6" = 1'-0"



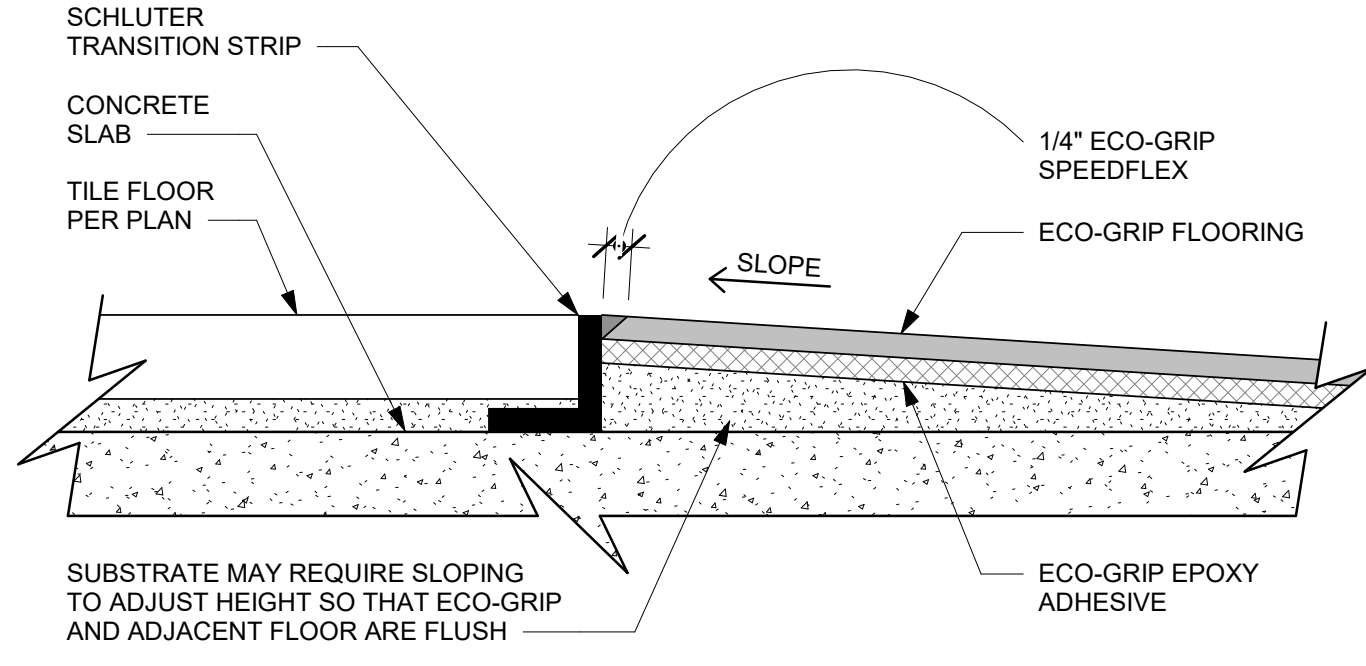
4 ECO-GRIP BASE CAP WITH TILED WALL  
Scale: 6" = 1'-0"



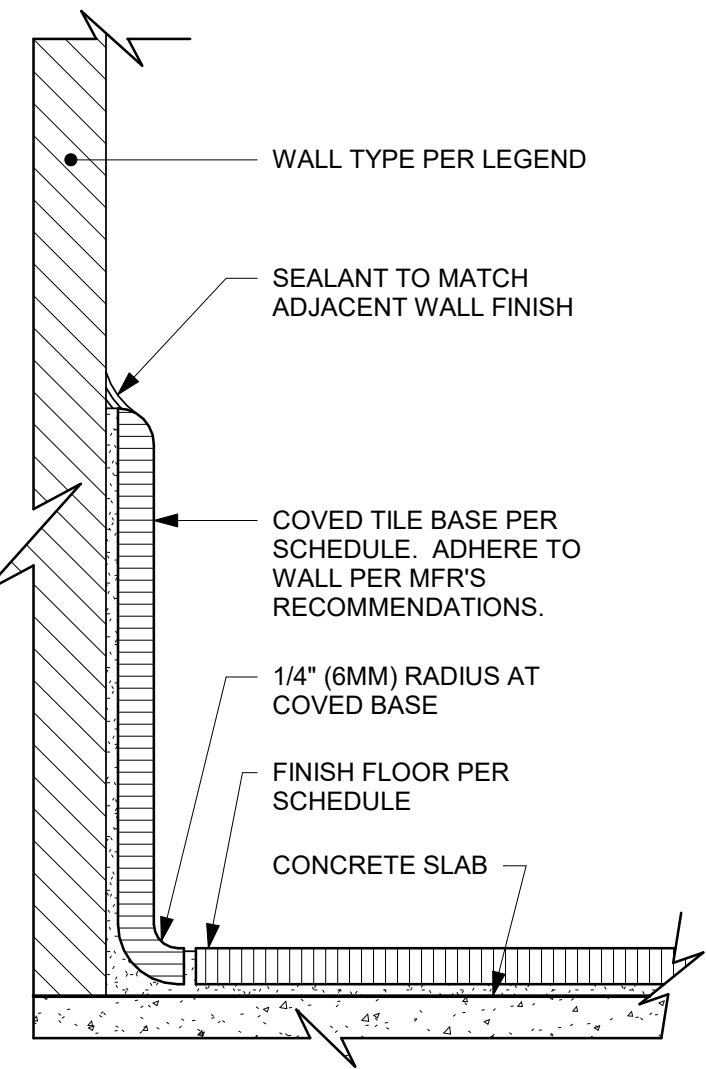
5 ECO-GRIP AT MOP SINK  
Scale: 12" = 1'-0"



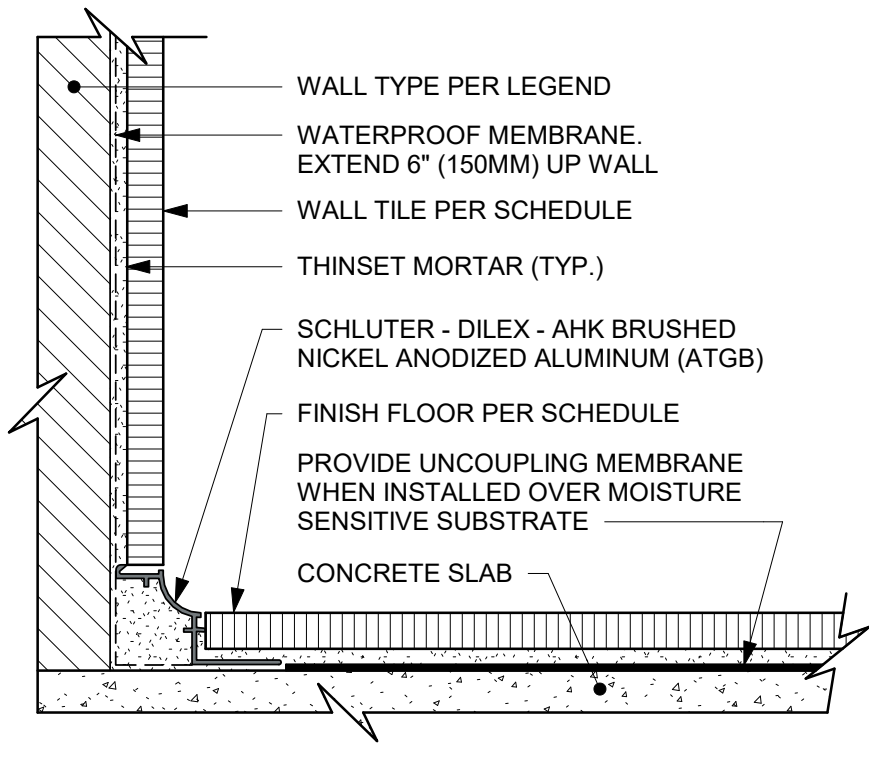
6 ECO-GRIP TO FLOOR SINK TRANSITION  
Scale: 12" = 1'-0"



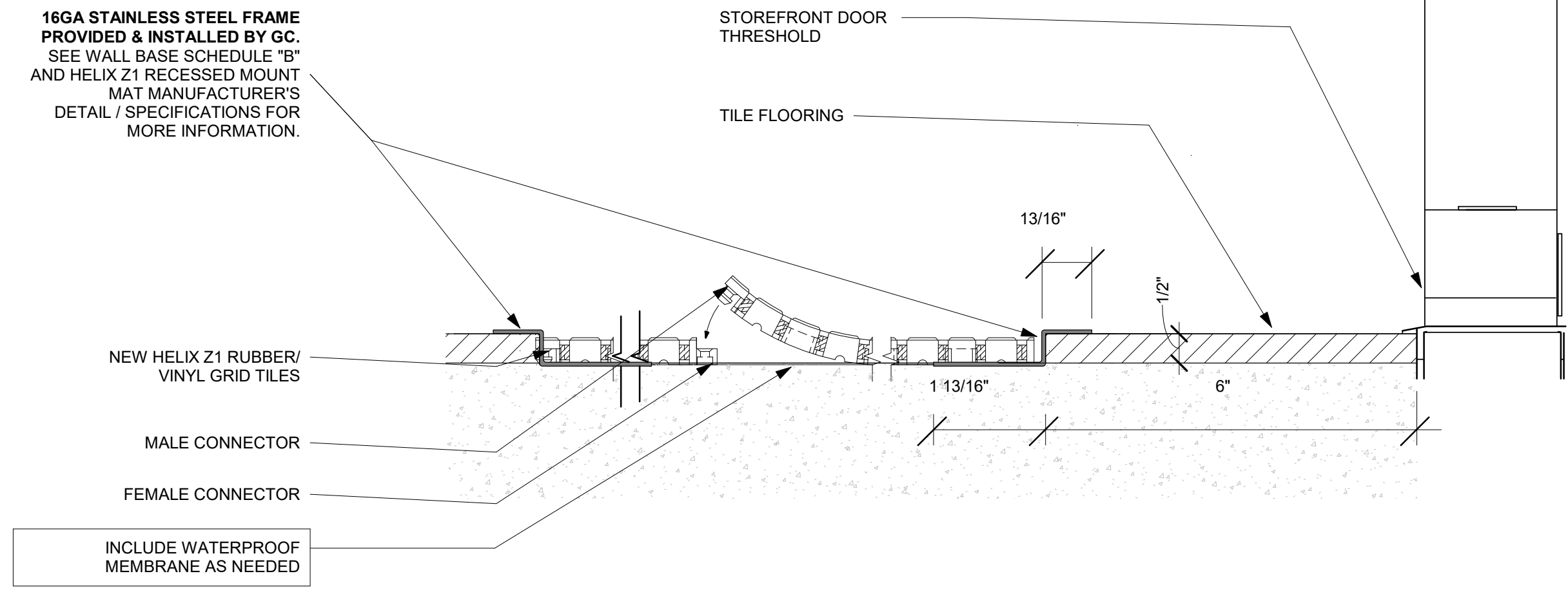
7 ECO-GRIP TO TILE TRANSITION - OPTION B  
Scale: 12" = 1'-0"



8 INTEGRAL TILE BASE AT WALL  
Scale: 6" = 1'-0"



9 WALL TILE TO FLOOR TILE TRANSITION  
Scale: 6" = 1'-0"



10 TRANSITION - TILE FLOOR TO HELIX Z1 RECESSED TILES  
Scale: 6" = 1'-0"



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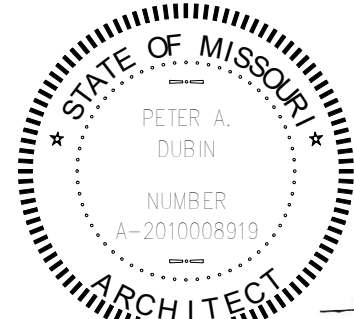
STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**



William J. Alkemeyer, P.E.  
353 Marshall Avenue  
St. Louis, Missouri 63119  
Phone (314) 772-1782  
Fax (314) 373-3514

Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**FINISH DETAILS**

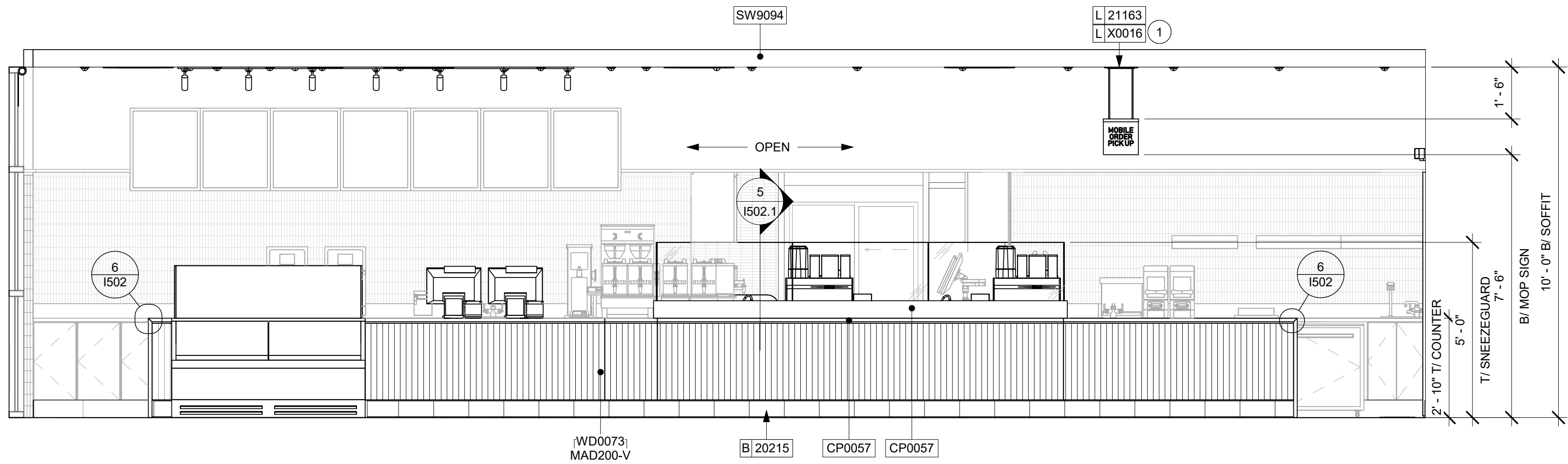
SCALE: AS SHOWN

SHEET NUMBER:  
**1105**

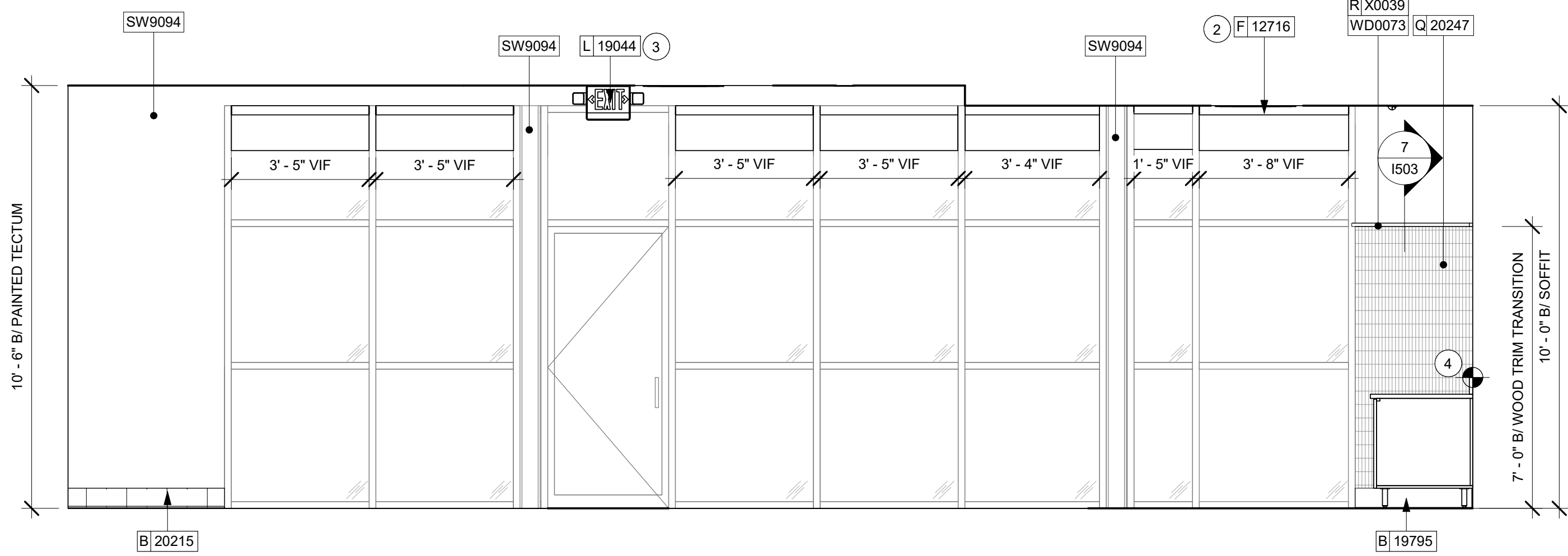
FINAL BID/PERMIT SET - 09.04.2020



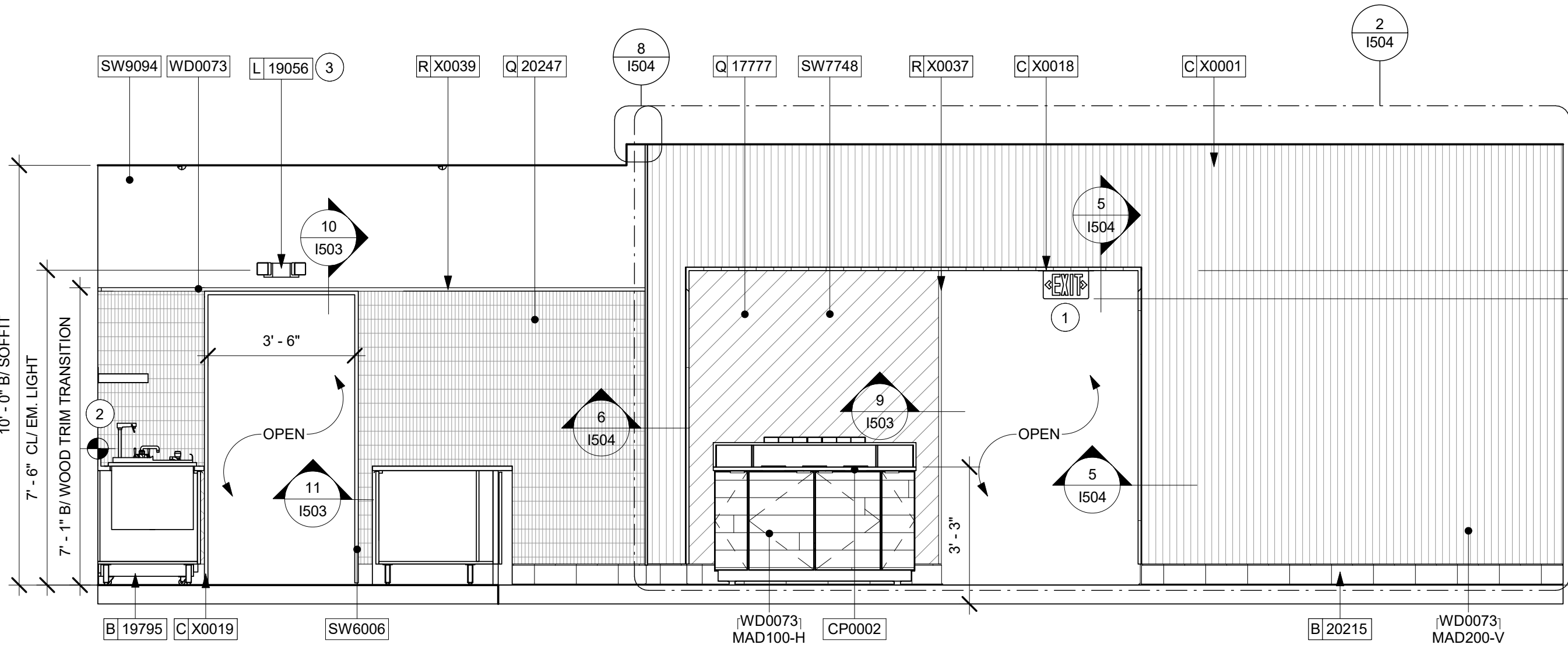
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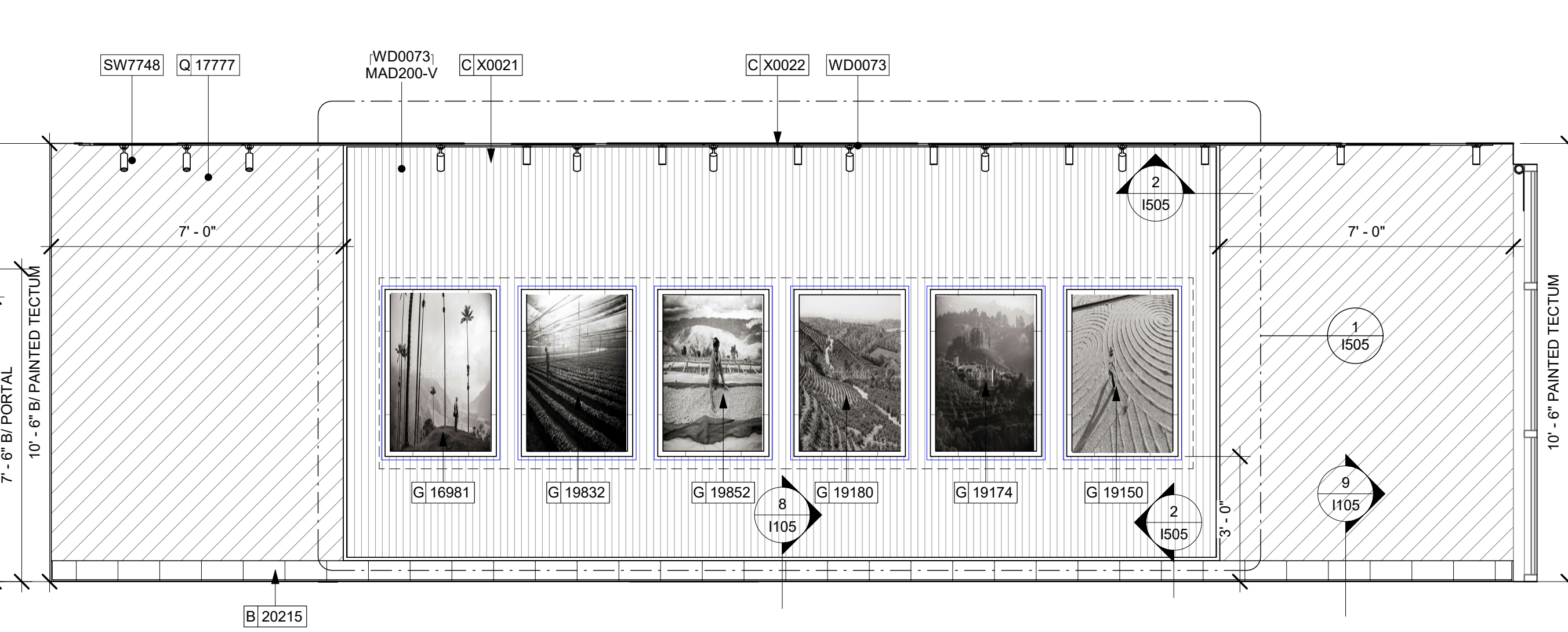
1 CAFE - EAST ELEVATION  
Scale: 3/8" = 1'-0"



2 CAFE - NORTH ELEVATION  
Scale: 3/8" = 1'-0"



4 CAFE - SOUTH ELEVATION  
Scale: 3/8" = 1'-0"



5 CAFE - WEST ELEVATION  
Scale: 3/8" = 1'-0"

## KEYED NOTES

- GC TO PROVIDE SOFFIT BLOCKING AND ELECTRICAL FOR MOP SIGN AS NEEDED.
- ROLLER SHADES DIMENSIONS TO BE FIELD VERIFIED PRIOR TO FABRICATION.
- EMERGENCY LIGHTING LOCATIONS AND QUANTITY TO BE CONFIRMED IN FIELD WITH FIRE MARSHAL.
- TILE START POINT WHERE INDICATED.

## GENERAL NOTES

- FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.
- REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.
- CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.
- PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE.
  - WOODS AND METAL SURFACES SHALL BE SEMI-GLOSS OR EQUAL.
  - ACCENT AND TRIM PAINTS TO BE SEMI-GLOSS OR EQUAL.
    - WALL AND CEILING PAINTS TO BE EGGSHELL OR EQUAL.
  - PAINTS IN BOH, RESTROOM(S) OR CAFE BAR SHALL BE SEMI-GLOSS OR EQUAL.
- PAINT SUBSTITUTIONS ARE NOT ALLOWED. USE STARBUCKS NATIONAL ACCOUNT COLOR CODE WHEN ORDERING PAINTS.
- 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.
- ALL WOOD SURFACES (DOORS, TRIM, SHELVES, CABINETY) SHALL BE SEALED.
- REFER TO CASEWORK FINISH SCHEDULE ON THE CASEWORK FINISH PLAN ON SHEET I102 FOR CASEWORK FINISH MATERIAL INFORMATION.
- ALIGN TILE TRANSITIONS ON WHOLE TILES AS SHOWN.
- ALL FLOOR AND WALL JUNCTIONS IN STORAGE AND FOOD PREPARATION AREAS SHALL HAVE A 6" COVED BASE.
- ALL FOOD STORAGE SHALL BE 6" (150MM) A.F.F.
- INSTALL BLOCKING AND HANGERS FOR WALL SHELVING BEFORE INSTALLING BACK BAR TILE.
- GENERAL CONTRACTOR TO PROVIDE AND INSTALL WORKROOM WALL FINISHES.

## LEGEND

- INDICATES WALL BLOCKING. FIRE TREATED WALL BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 4" (100mm) BEYOND EDGE OF ATTACHMENTS.
- WALL TILE START POINT DATUM



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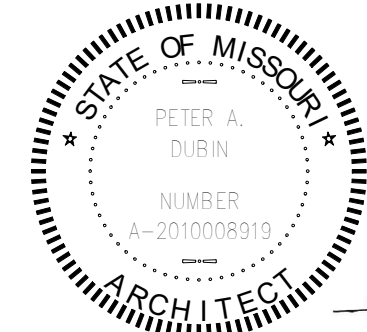
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STARBUCKS TEMPLATE VERSION I2020-01-31

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Fax (314) 373-3514

Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

FINAL BID/PERMIT SET - 09.04.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE**

**RT. 291 & 150**  
PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

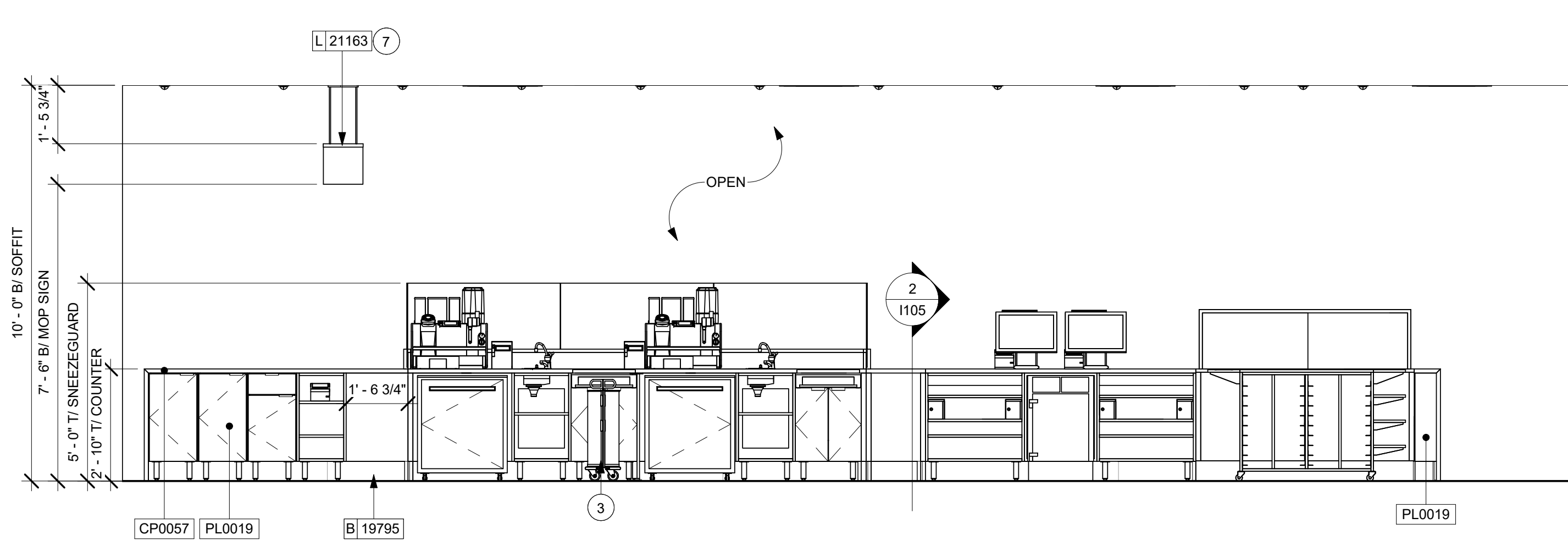
STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

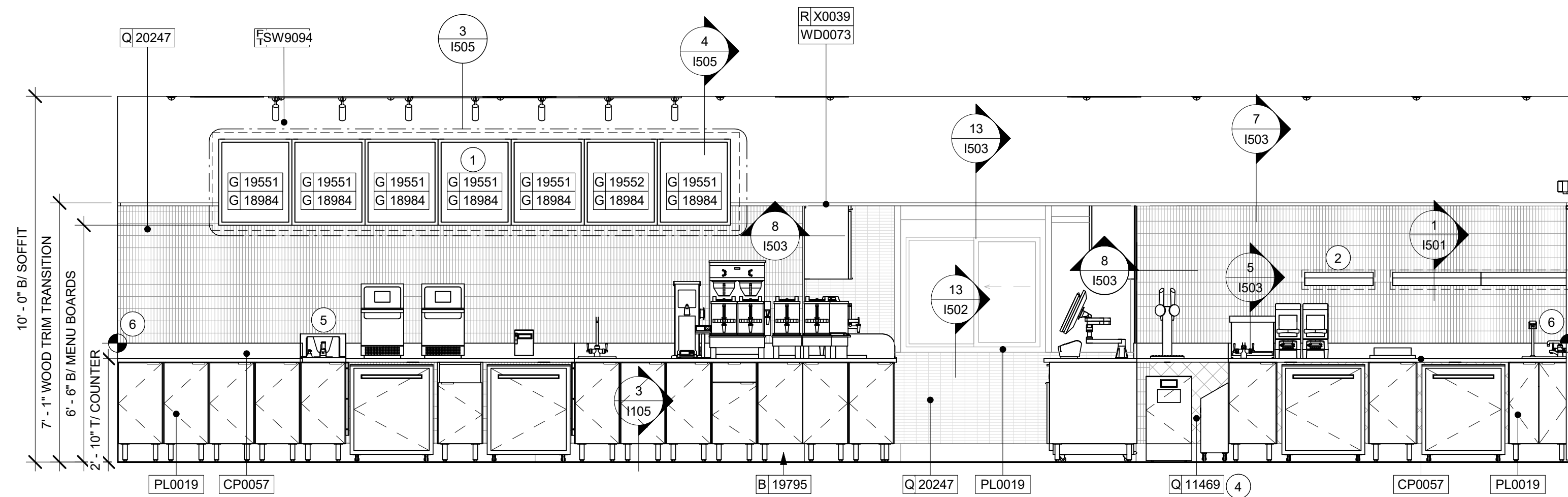
SHEET TITLE:  
**INTERIOR FINISH ELEVATIONS**  
SCALE: AS SHOWN

SHEET NUMBER:  
**I201**

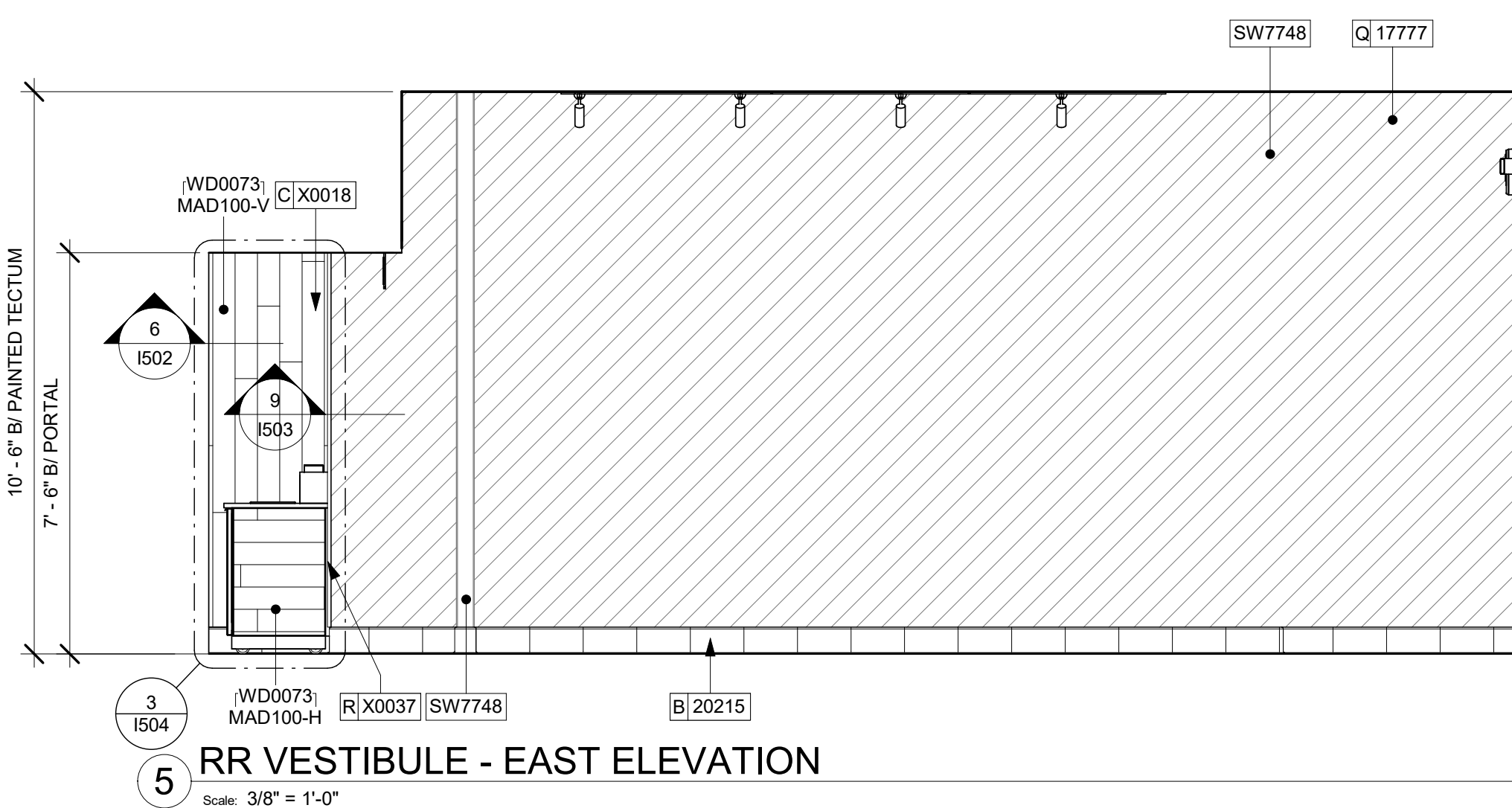




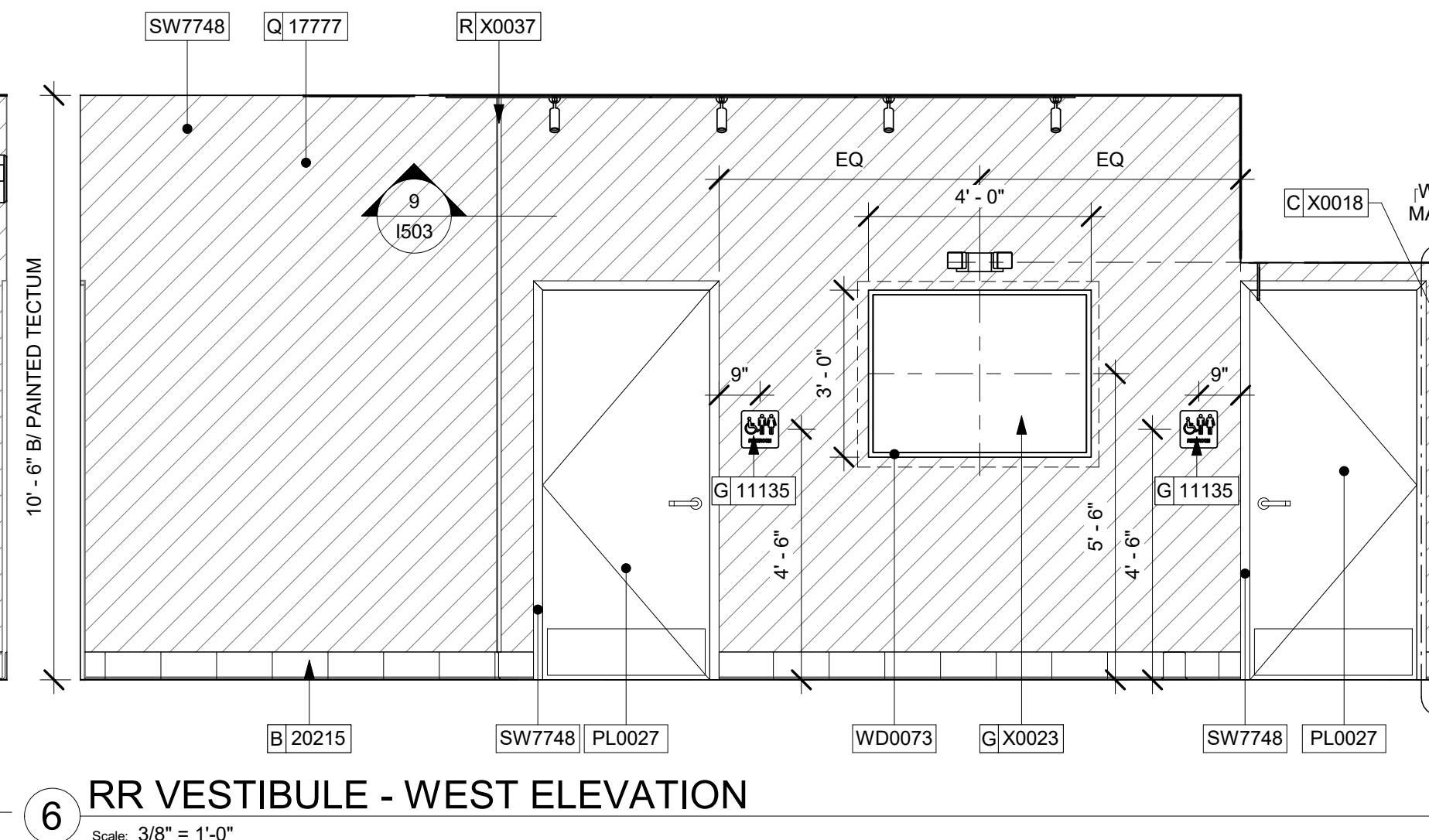
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Scale: 3/8" = 1'-0"



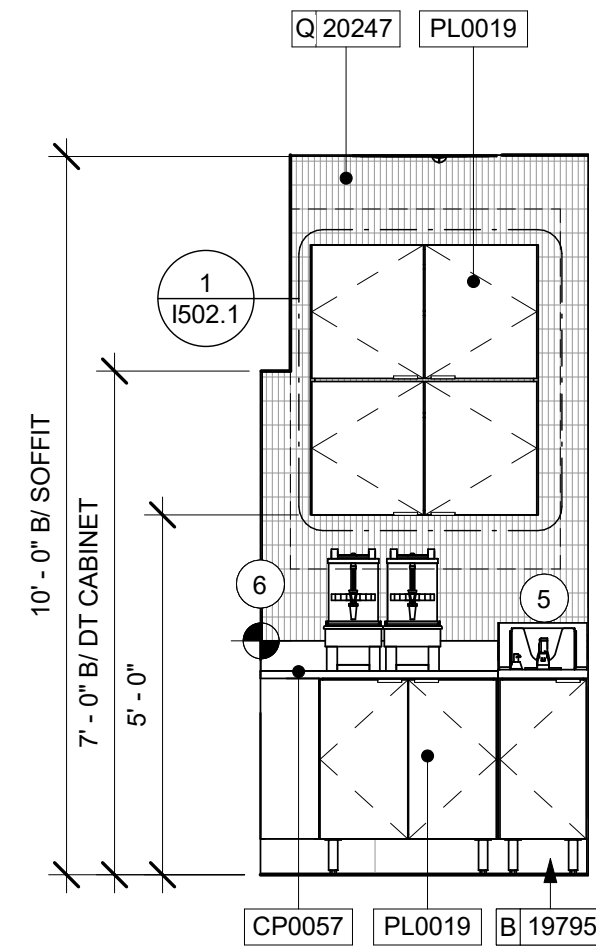
3 BAR - EAST ELEVATION  
Scale: 3/8" = 1'-0"



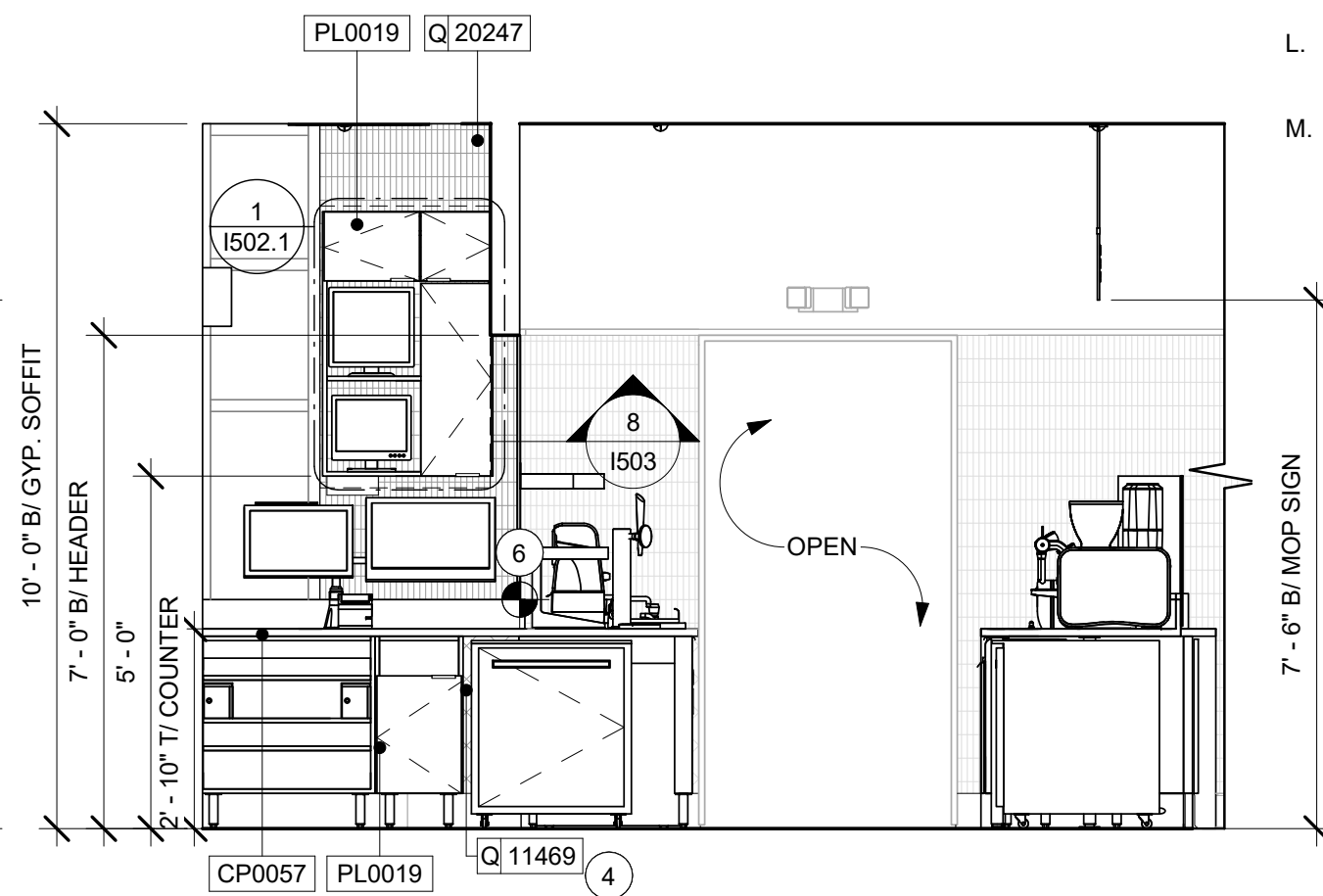
5 RR VESTIBULE - EAST ELEVATION  
Scale: 3/8" = 1'-0"



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



2 DT - NORTH ELEVATION  
Scale: 3/8" = 1'-0"



4 DT - SOUTH ELEVATION  
Scale: 3/8" = 1'-0"

#### KEYED NOTES

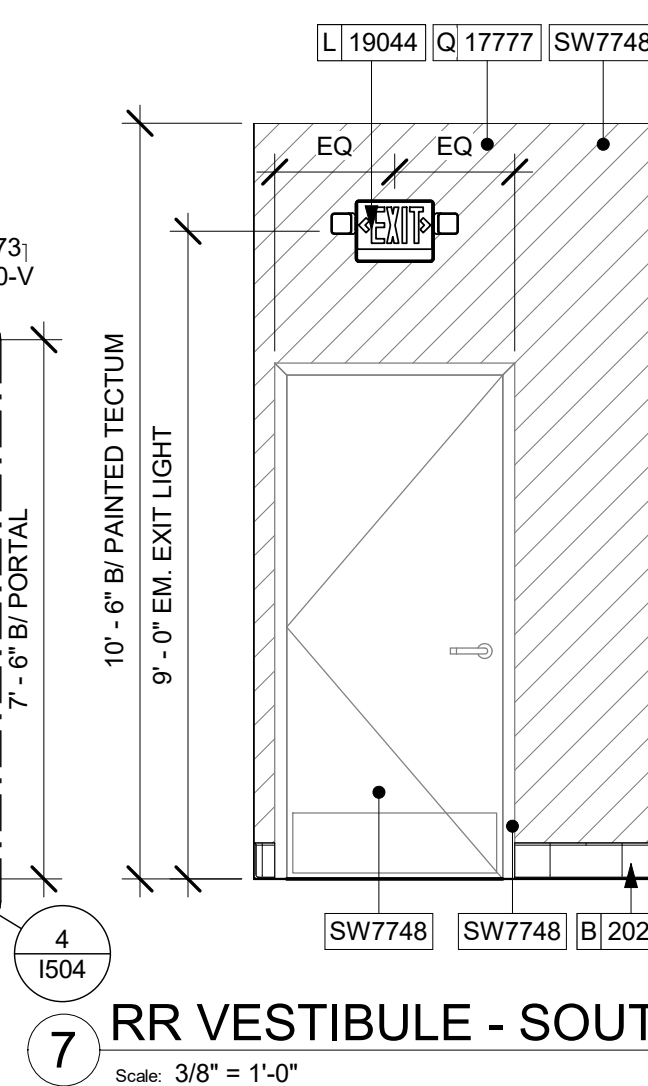
1. ATTACH MENU BOARDS PER INSTALLATION DETAILS.
2. SHELVING FOR CBE STATION AS SHOWN. G.C. TO PROVIDE WALL BLOCKING FOR FASTENERS.
3. CUP DISPENSERS. SEE FF&E PLAN ON SHEET I101 FOR ADDITIONAL INFORMATION.
4. WALL FINISH TO BE FRP AT OPEN AREAS BELOW COUNTERTOPS.
5. PROVIDE 6" (150MM) MIN. INTEGRAL SPLASHGUARD AT HAND SINK PER JURISDICTIONAL REQUIREMENTS.
6. TILE START POINT WHERE INDICATED.
7. GC TO PROVIDE SOFFIT BLOCKING AND ELECTRICAL FOR MOP SIGN AS NEEDED.

#### GENERAL NOTES

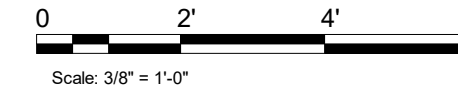
- A. FOR GRAPHICS SCHEDULE, REFER TO THE FURNITURE, FIXTURES, AND EQUIPMENT (FF & E) SCHEDULES ON SHEET I601.
- B. REFER TO MANUFACTURER'S INSTRUCTIONS INCLUDED WITH ARTWORK/GRAPHICS FOR PROPER INSTALLATION.
- C. CHANGE PAINT COLOR ONLY AT INSIDE CORNERS UNLESS OTHERWISE INDICATED.
- D. PAINT FINISHES 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.

#### LEGEND

- INDICATES WALL BLOCKING.  
FIRE TREATED WALL BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 4" (100mm) BEYOND EDGE OF ATTACHMENTS.
- WALL TILE START POINT DATUM



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



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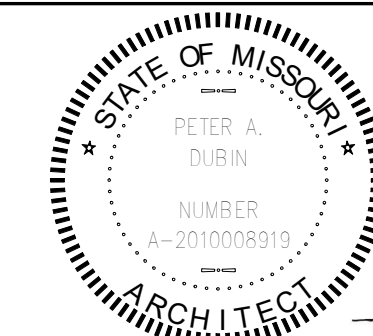
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STARBUCKS TEMPLATE VERSION i2020-01-31

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Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

FINAL BID/PERMIT SET - 09.04.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**INTERIOR FINISH ELEVATIONS**

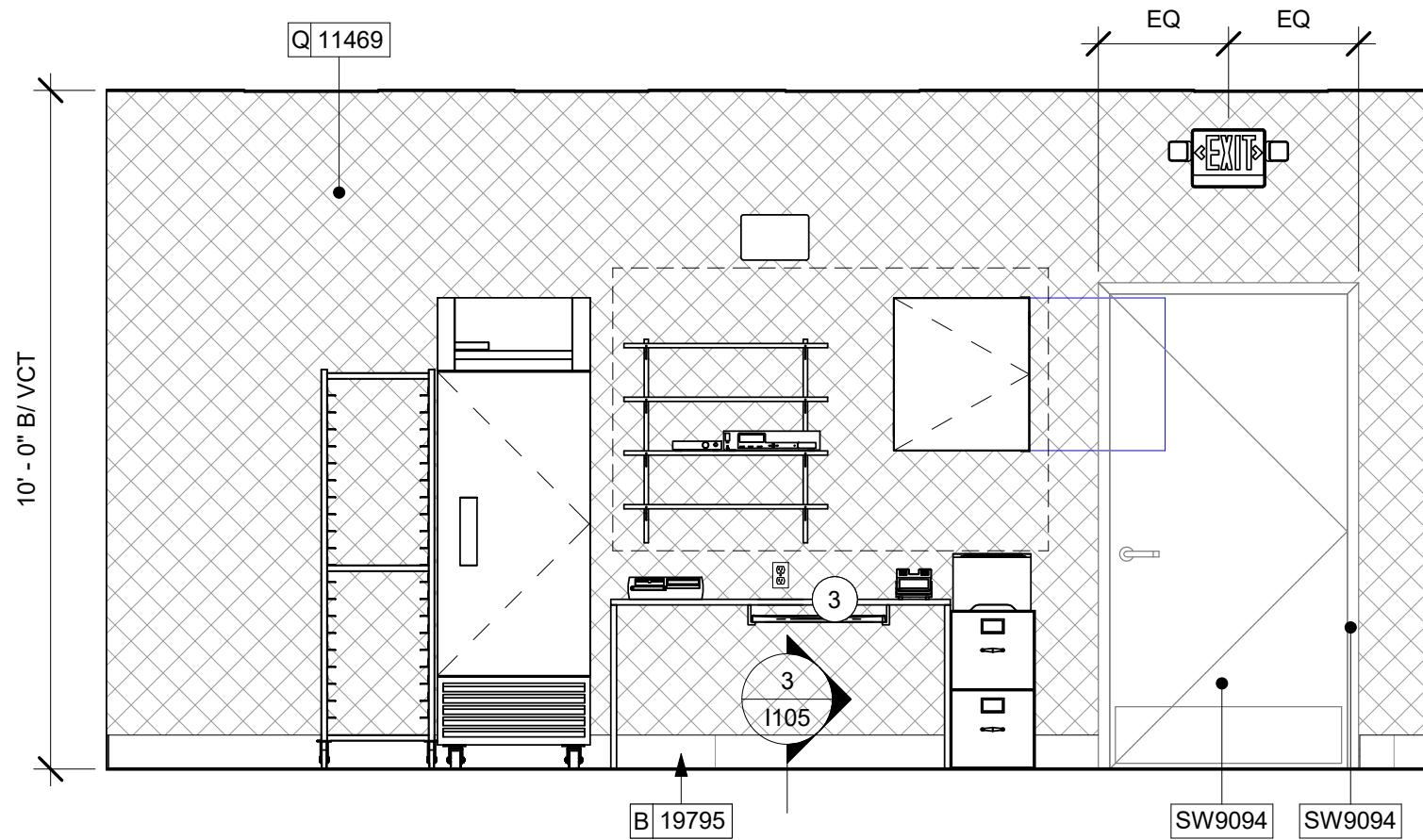
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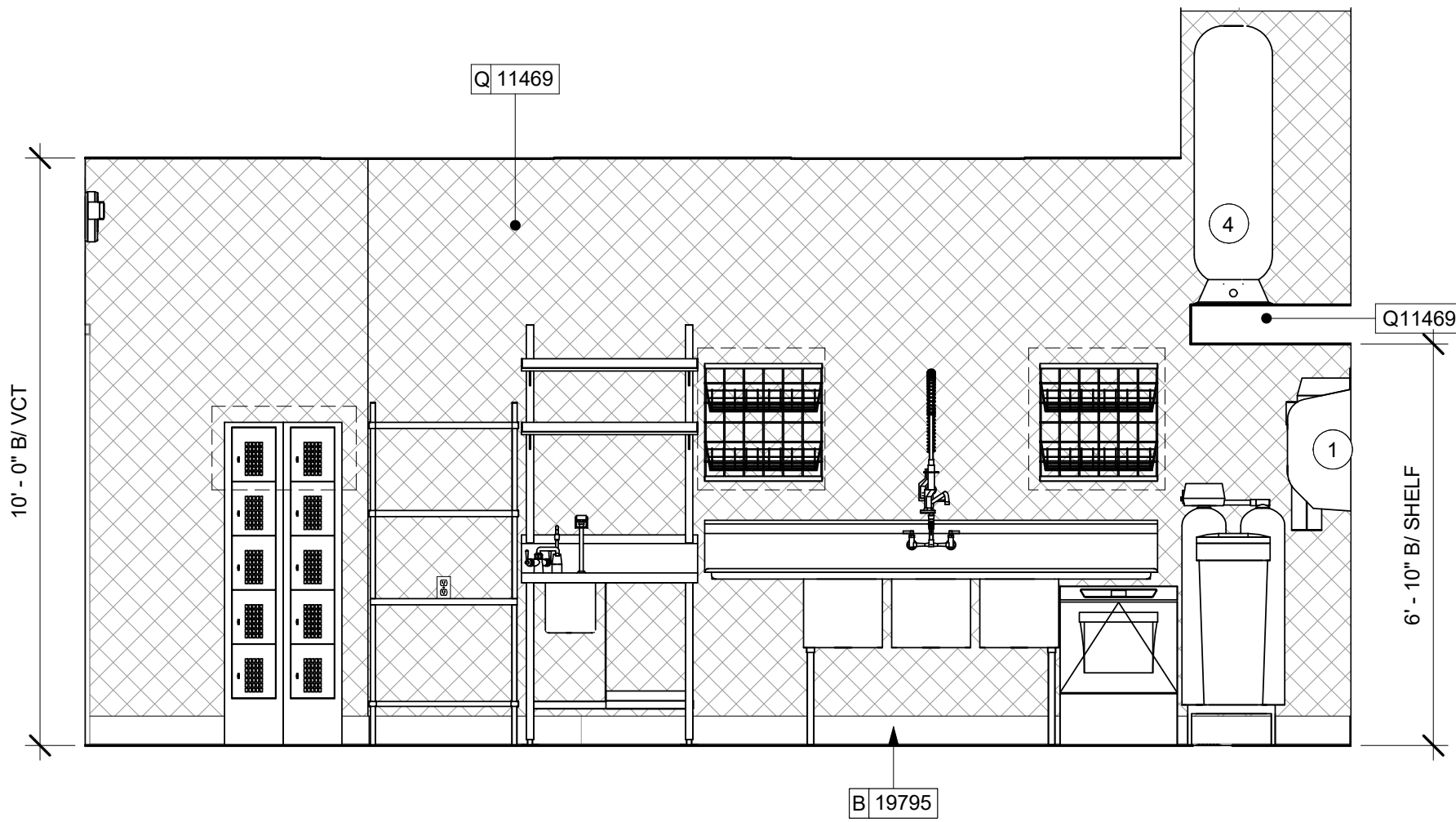
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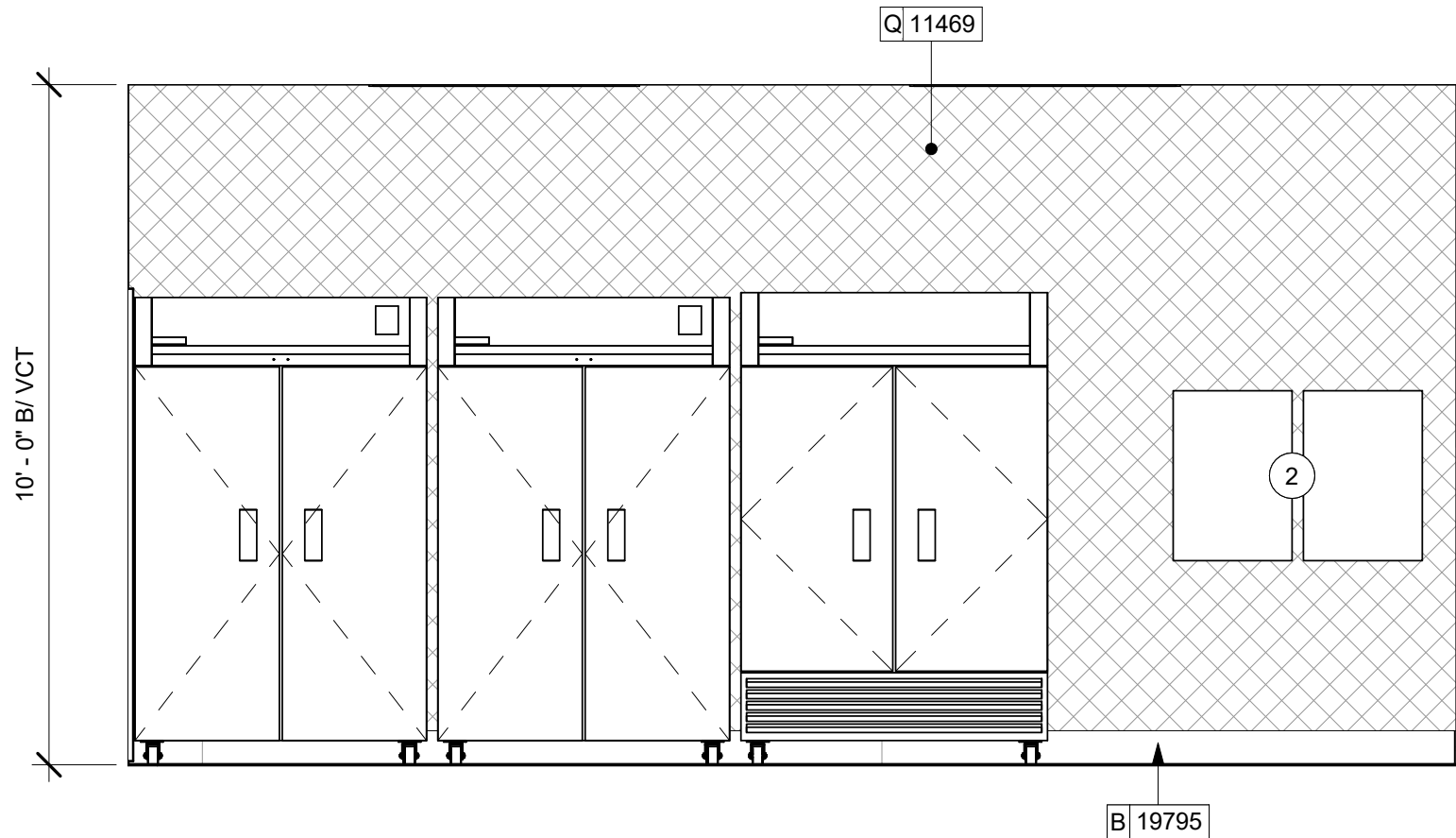
9/4/2020 8:17:03 PM P:\Restaurant\Starbucks\NICH20-0096 - Starbucks - Rte 291 & 150\500-Deliv\BIM\01-WIP\_Models\88084-001\_63039 Rt.291 & 150\_CD\_Permitting Set.rvt



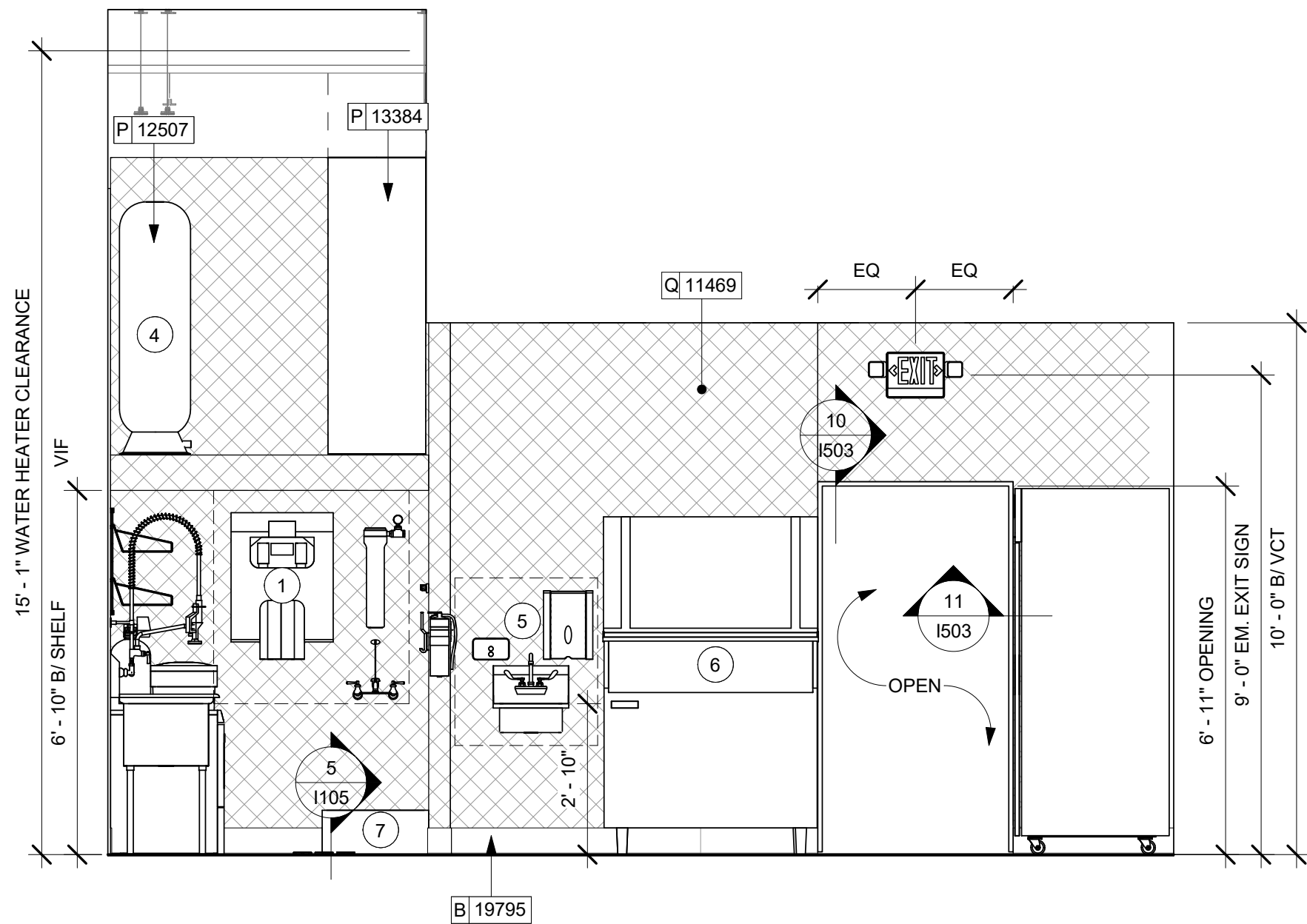
1 WORKROOM - SOUTH ELEVATION  
Scale: 3/8" = 1'-0"



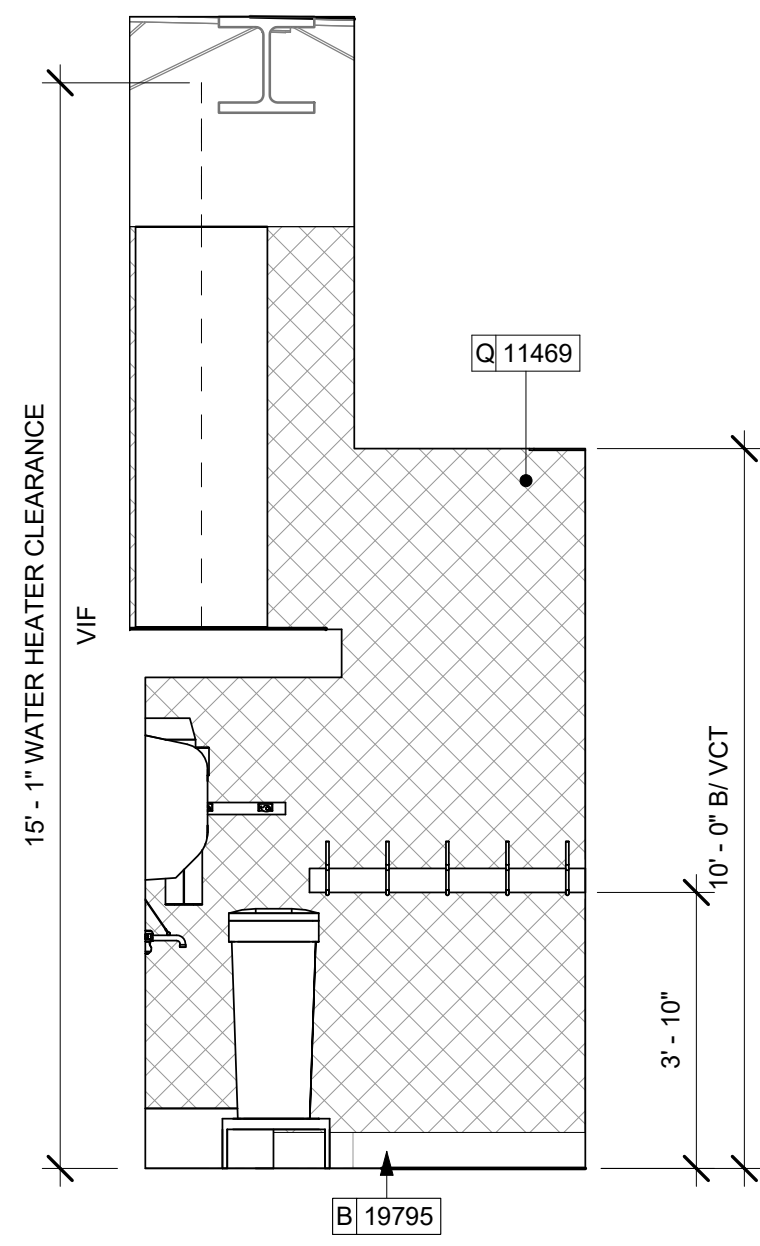
2 WORKROOM - WEST ELEVATION  
Scale: 3/8" = 1'-0"



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



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



5 WORKROOM UTILITY - NORTH ELEVATION  
Scale: 3/8" = 1'-0"

## KEYED NOTES

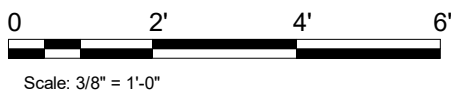
1. WATER FILTRATION EQUIPMENT (SEE PLUMBING DRAWINGS).
2. ELECTRICAL PANELS BY LL (SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
3. MANAGER'S DESK (SEE ENLARGED DETAILS).
4. WATER HEATER ABOVE (SEE PLUMBING DRAWINGS).
5. WALL MOUNT HAND SINK WITH SOAP AND PAPER TOWEL DISPENSER, G.C. TO PROVIDE BLOCKING FOR FASTENERS.
6. ICE MACHINE (SEE PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION).
7. MOP SINK. FULL HEIGHT FRP AT ENCLOSURE (SEE PLUMBING PLANS FOR MORE INFORMATION).

## 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.
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- 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.

## LEGEND

- INDICATES WALL BLOCKING. FIRE TREATED WALL BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 4" (100mm) BEYOND EDGE OF ATTACHMENTS.
- WALL TILE START POINT DATUM



FINAL BID/PERMIT SET - 09.04.2020



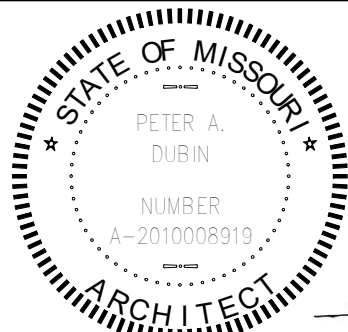
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STARBUCKS TEMPLATE VERSION I2020-01-31

**NORR**

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Phone (314) 772-1782  
Fax (314) 373-3514  
**Engineering Consultant**



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

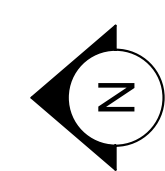
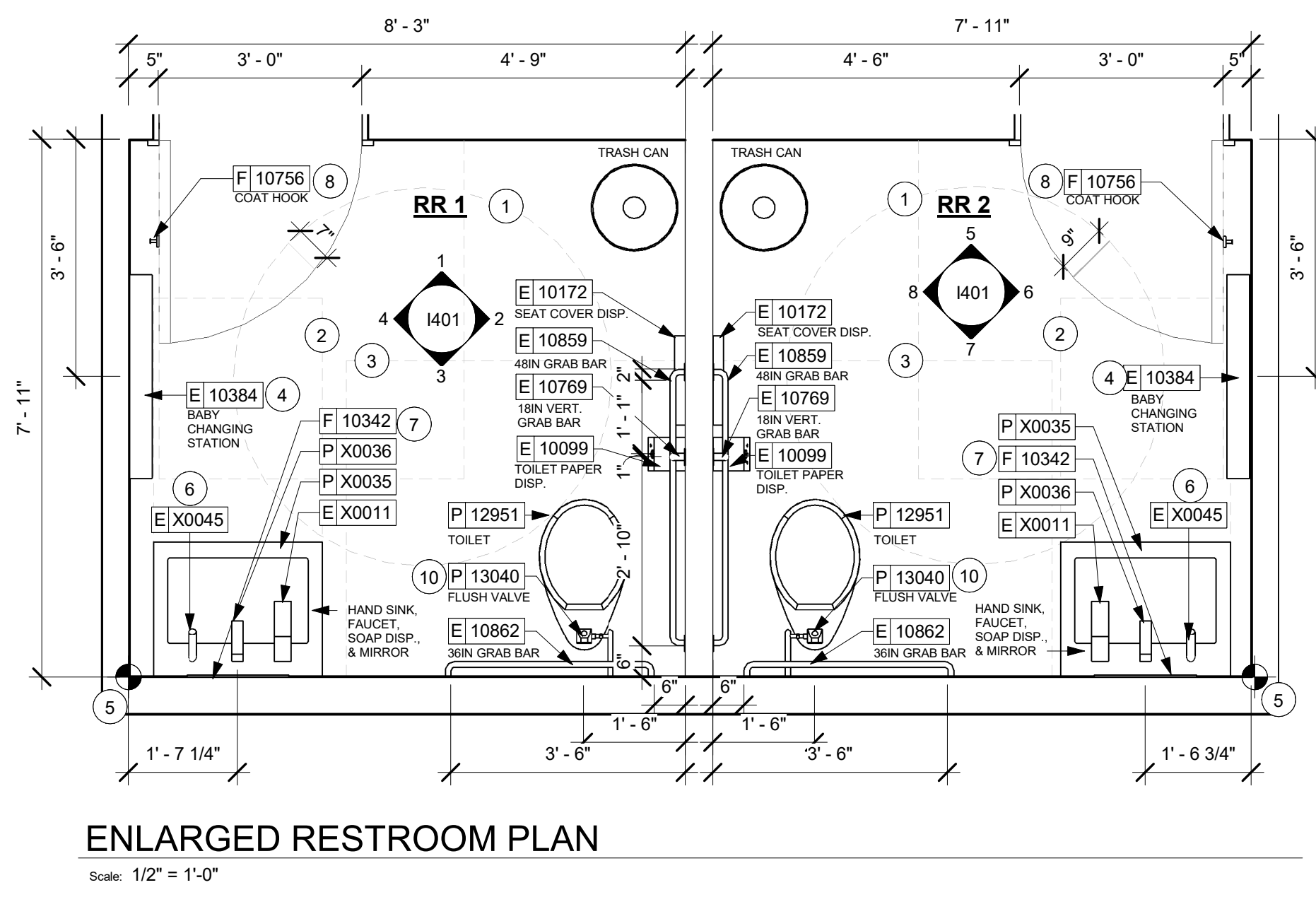
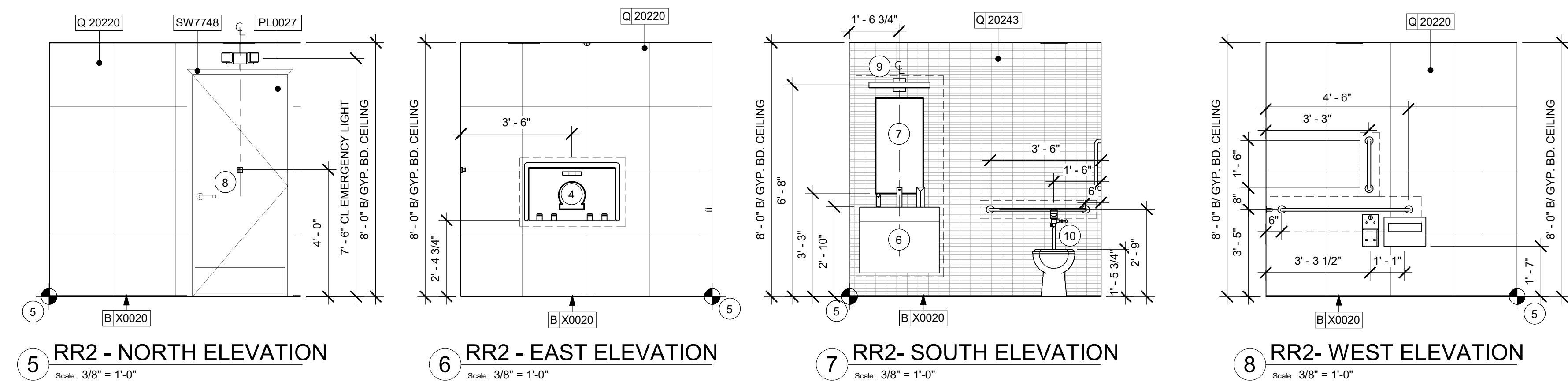
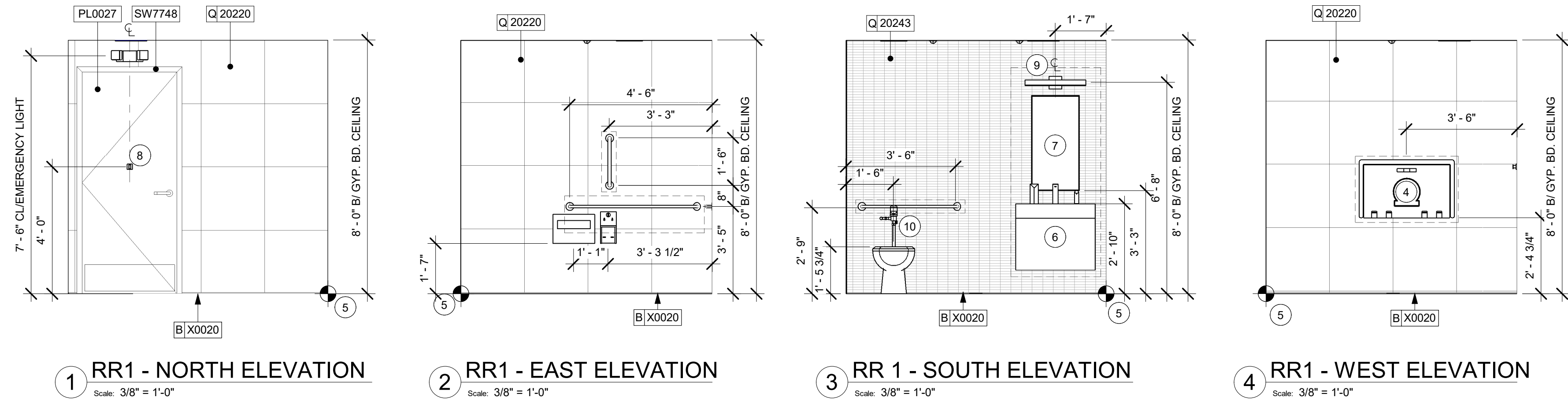
STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**INTERIOR FINISH ELEVATIONS**  
SCALE: AS SHOWN

SHEET NUMBER:  
**I203**



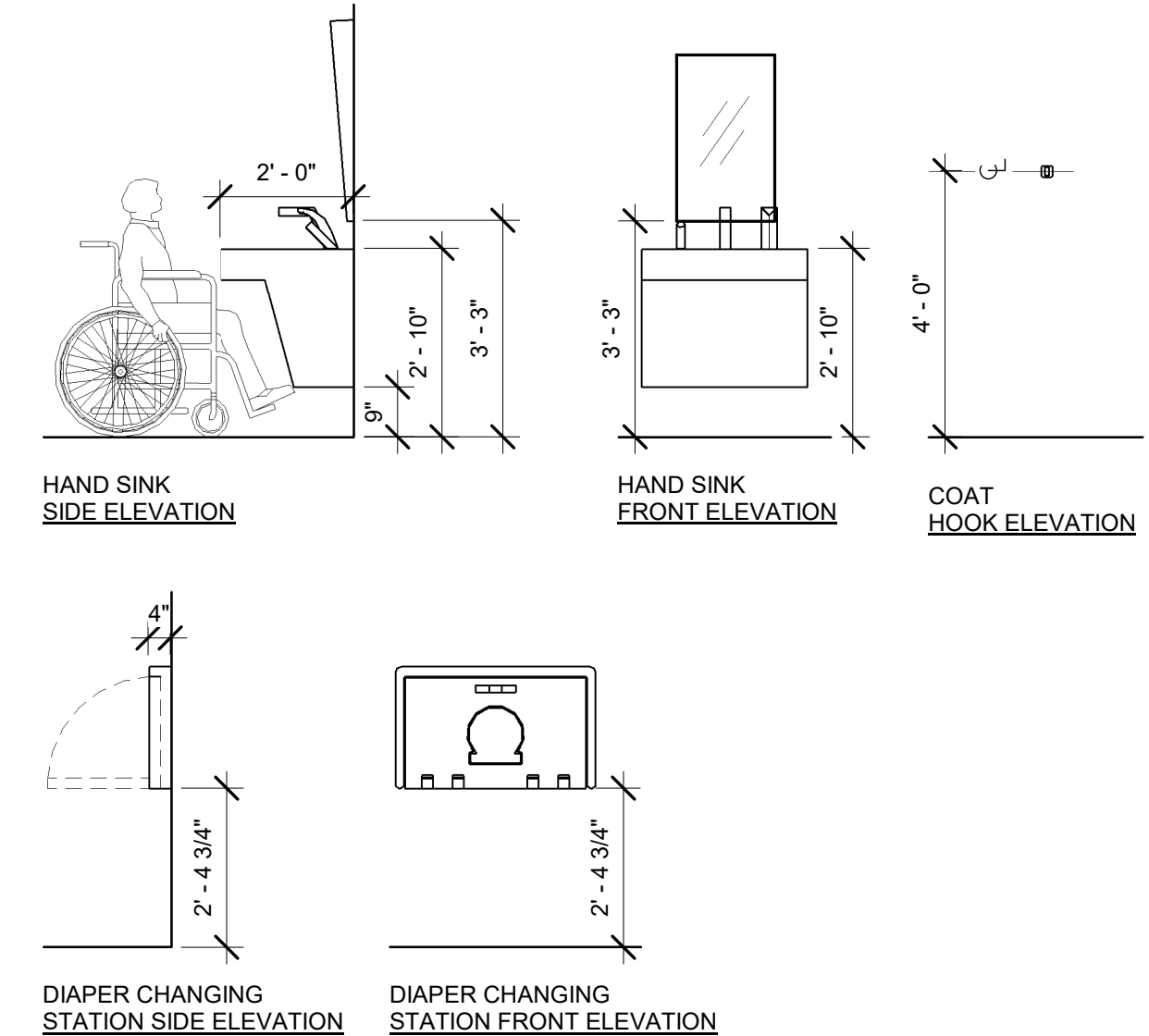
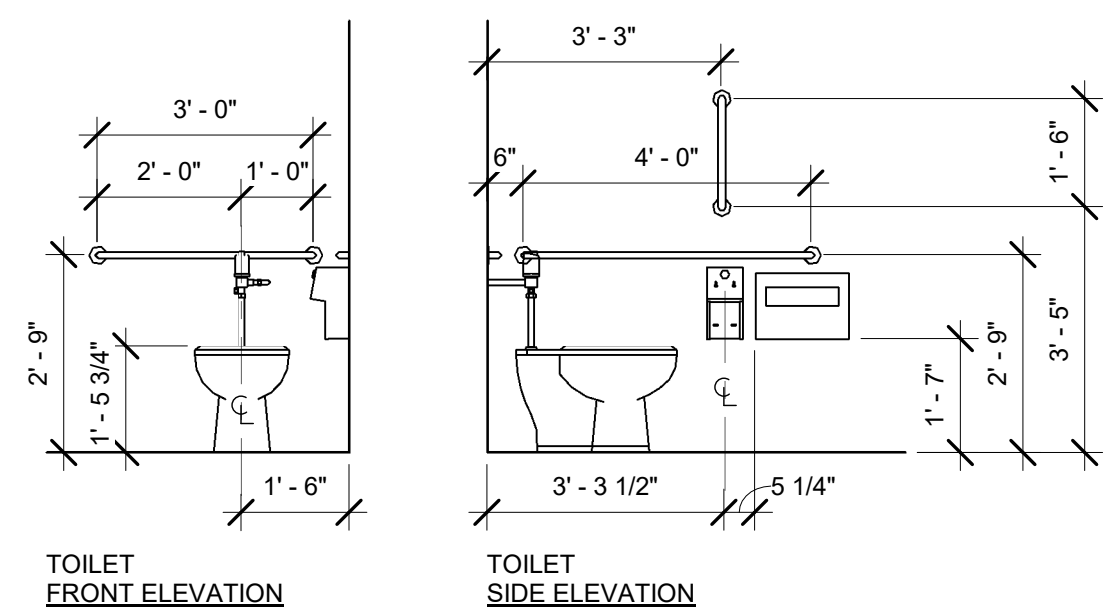


### KEYED NOTES

- 67" ADA TURNING RADIUS.
- 30" X 52" CLEAR FLOOR SPACE.
- WATER CLOSET CLEAR FLOOR SPACE.
- BABY CHANGING FIXTURE. GENERAL CONTRACTOR TO PROVIDE BLOCKING PER MANUFACTURER'S RECOMMENDATION.
- TILE START POINT WHERE INDICATED. ALIGN BASE TILE GROUT WITH WALL TILE GROUT. ALIGN LARGE FORMAT TILE TO MINIMIZE TILE CUTTING IN FIELD.
- WALL MOUNTED LAVATORY INSTALLED WITH INSULATED BOOT AT EXPOSED PIPES.
- CENTER MIRROR OVER LAVATORY. MOUNT AT 40" (1015MM) MAX. TO BOTTOM EDGE OF REFLECTIVE SURFACE.
- COAT HOOK. MOUNT AT CENTERLINE OF DOOR, MAX 4'-0" AFF.
- CENTER SCONCE LIGHTING OVER MIRROR (SEE ELECTRICAL).
- INSTALL FLUSH VALVE AT OPEN SIDE OF TOILETS AS INDICATED ON ADA DETAILS SHEET.

### GENERAL NOTES


- GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL DIMENSIONS ARE TO BE TAKEN FROM A DESIGNATED DATUM POINT.
- DIMENSIONS ARE TO FACE OF FINISHED SURFACE UNLESS OTHERWISE NOTED.
- DIAPER CHANGING STATION IS TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. UNIT IS TO BE FASTENED TO STRUCTURE AT ALL SIX CHASSIS ATTACHMENT POINTS.
- 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.
- ALL RESTROOM ACCESSORY MOUNTING HEIGHTS AND CLEARANCES SHALL COMPLY WITH THE ACCESSIBILITY REQUIREMENTS OF THE LOCAL JURISDICTION.



### MOUNTING HEIGHTS FOR RESTROOM ACCESSORIES



FINAL BID/PERMIT SET - 09.04.2020




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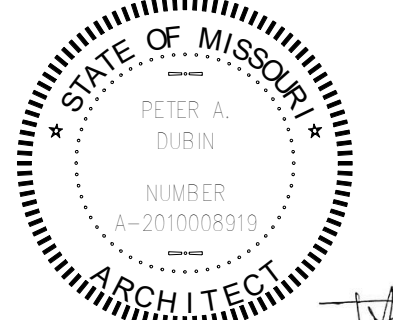
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STARBUCKS TEMPLATE VERSION i2020-01-31



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Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Rev	Date	By	Description

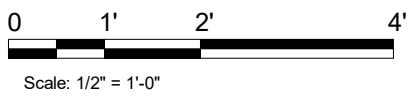
SHEET TITLE:  
**RESTROOM PLAN & ELEVATIONS**  
SCALE: AS SHOWN

SHEET NUMBER:  
**1401**





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



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

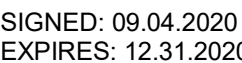


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PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

### Revision Schedule

SHEET TITLE:  
**ENLARGED BAR PLANS**

SCALE: AS SHOWN

SHEET NUMBER:

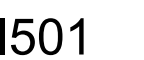
1402





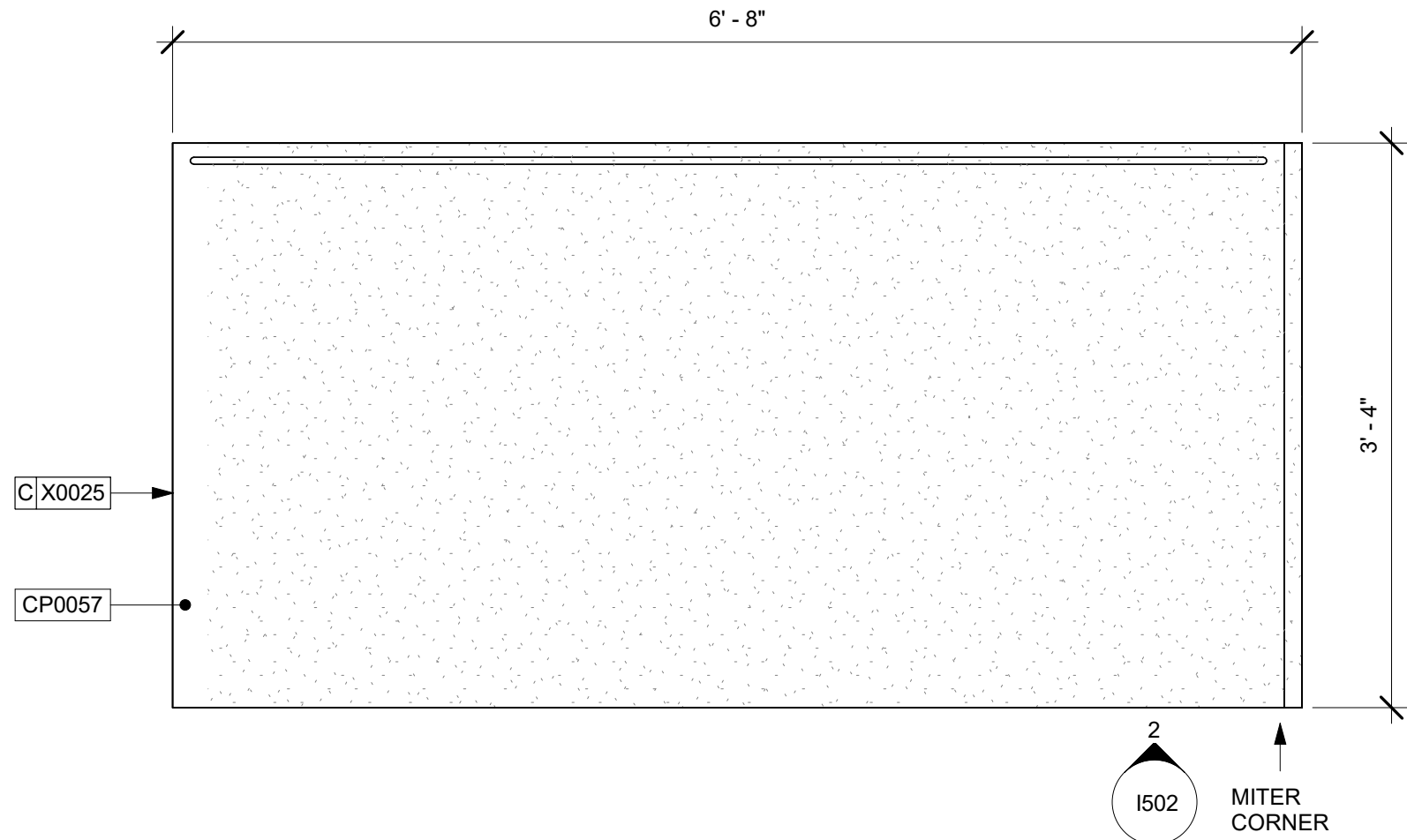
**5 ESPRESSO PUMP MOUNTED AT CABINET** Scale: 1 1/2" = 1'-0" **6 FINISH PANEL 6" BASE** Scale: 6" = 1'-0"

## 2 FINISH APPLICATION MAD200-V

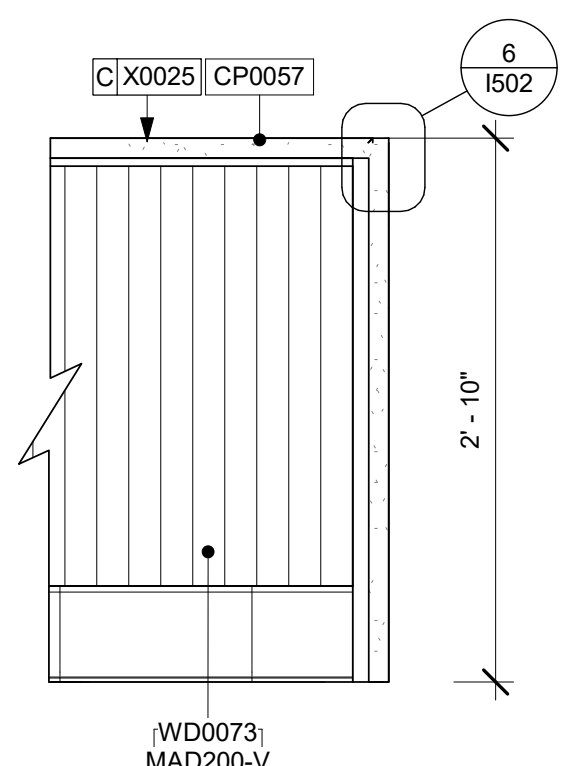




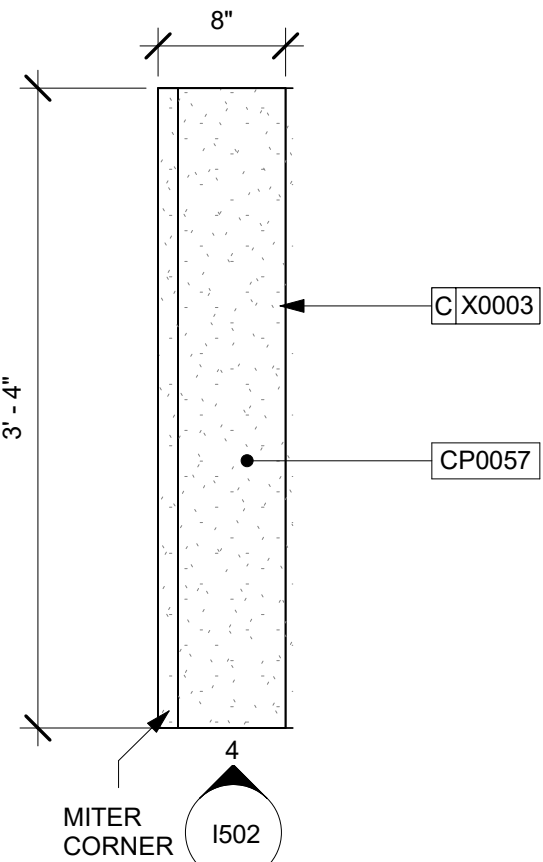
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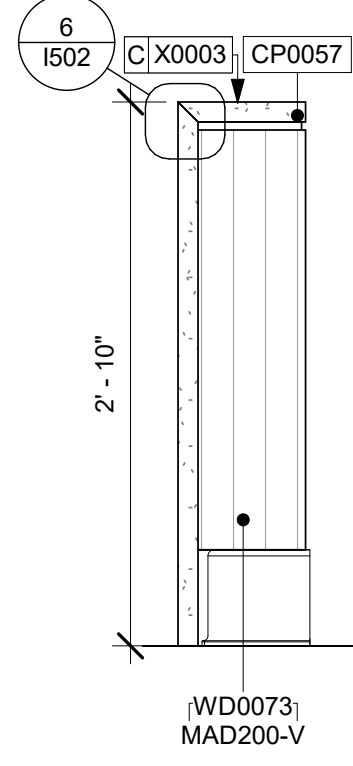
1 MOP COUNTER - PLAN DETAIL  
Scale: 1" = 1'-0"



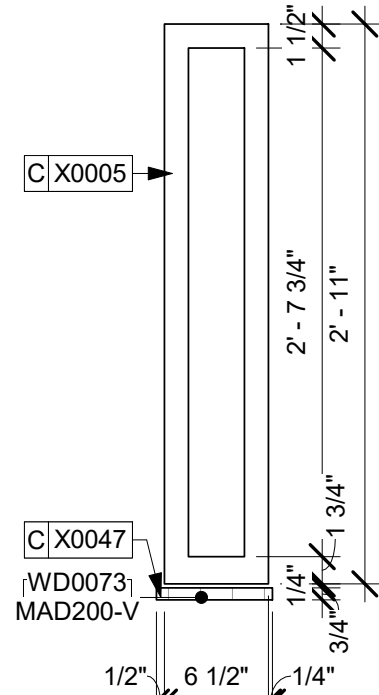
2 WATERFALL MOP  
Scale: 1" = 1'-0"



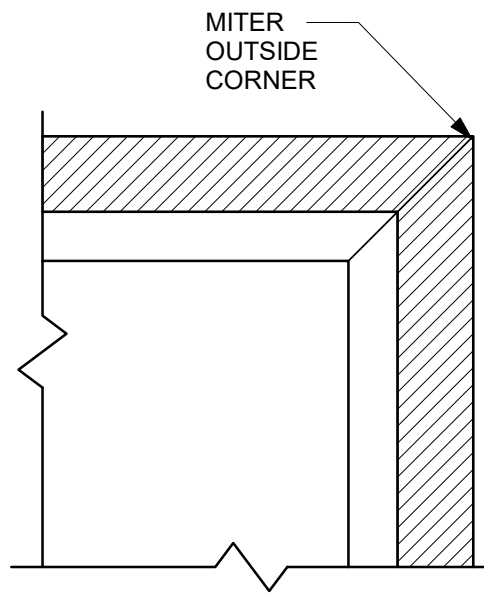
3 COUNTER AT PASTRY CASE  
Scale: 1" = 1'-0"



4 WATERFALL AT PASTRY CASE  
Scale: 1" = 1'-0"

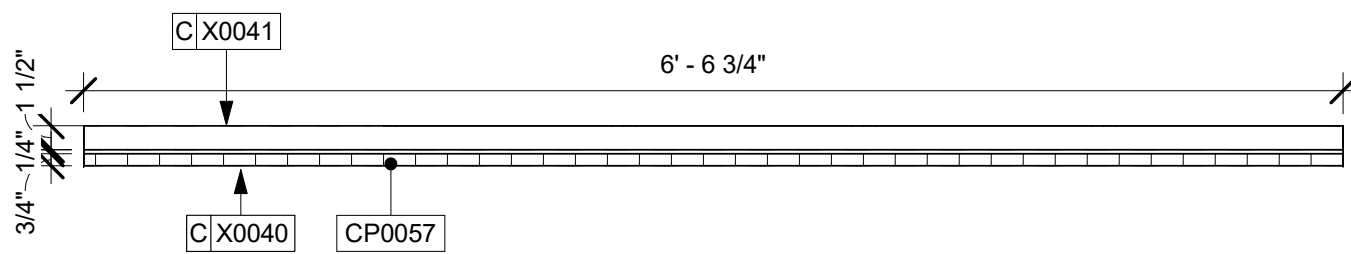


5 PASTRY CASE DIE WALL  
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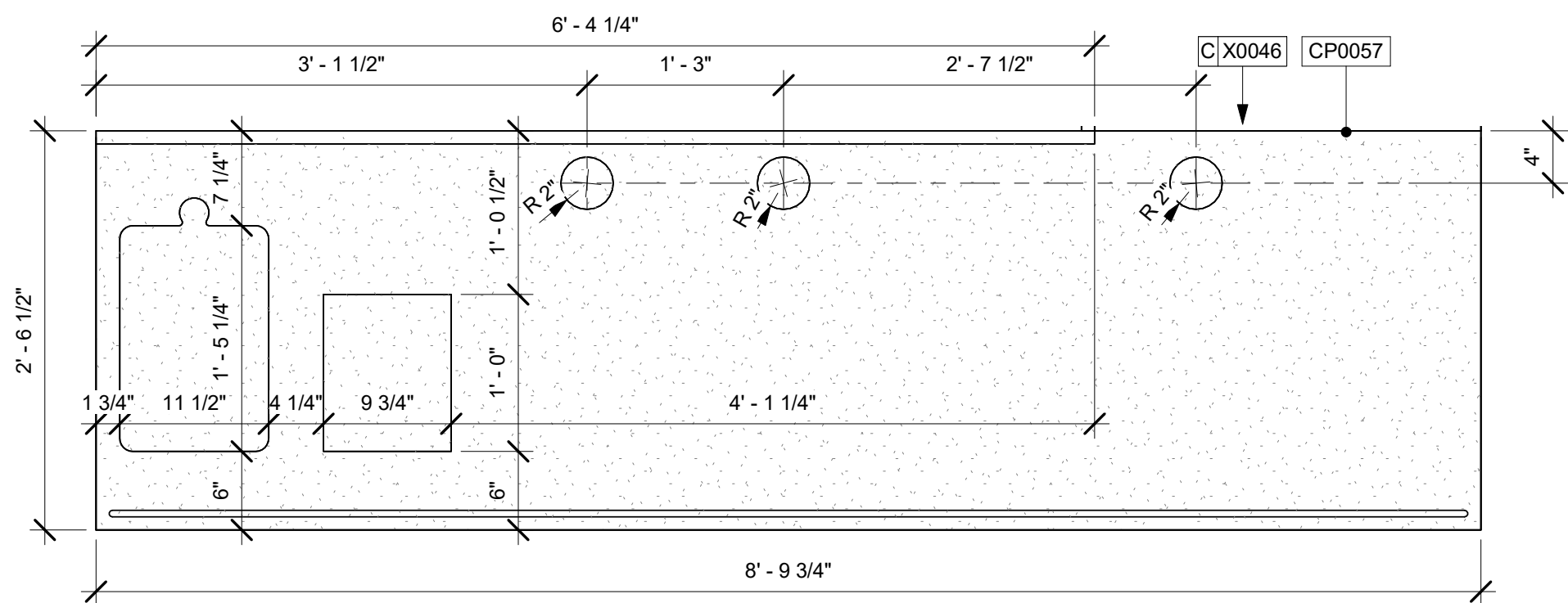


6 MITERED CORIAN  
Scale: 6" = 1'-0"

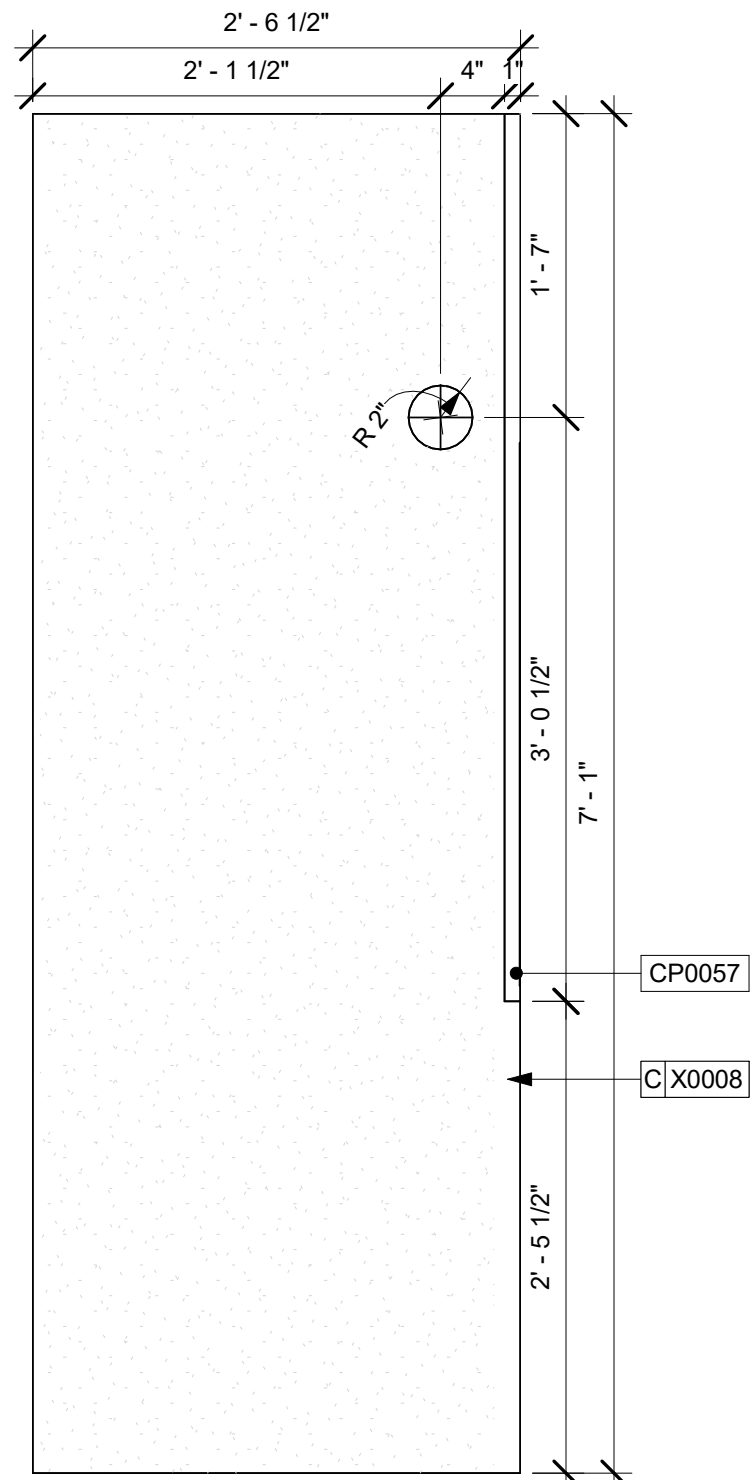
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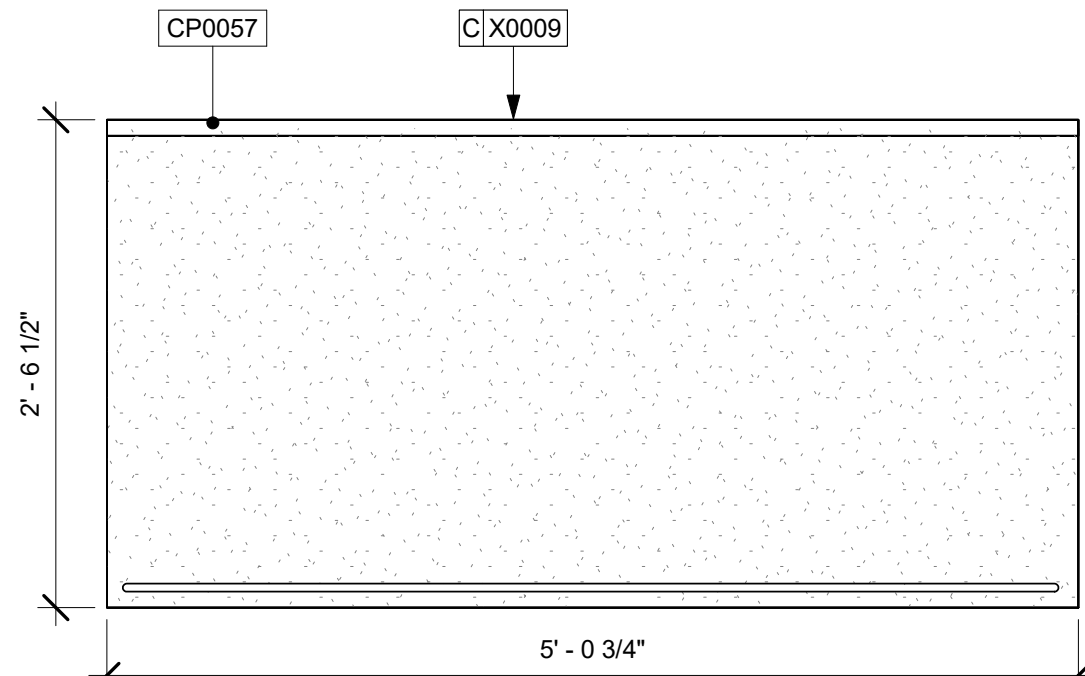
7 X0040-41 MOP DIE WALL AND FINISH PANEL  
Scale: 1" = 1'-0"



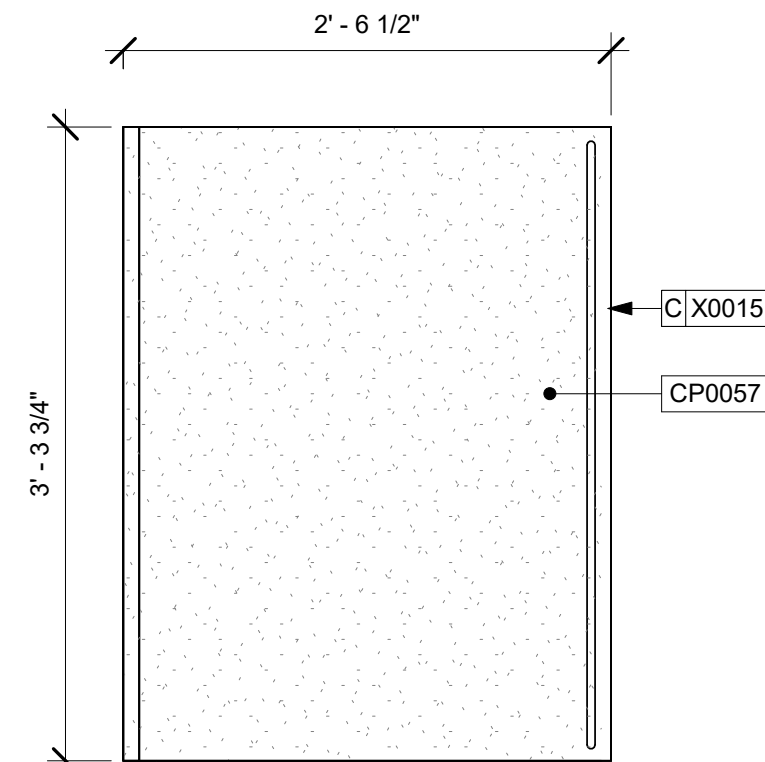
8 BREW STATION COUNTER - PLAN  
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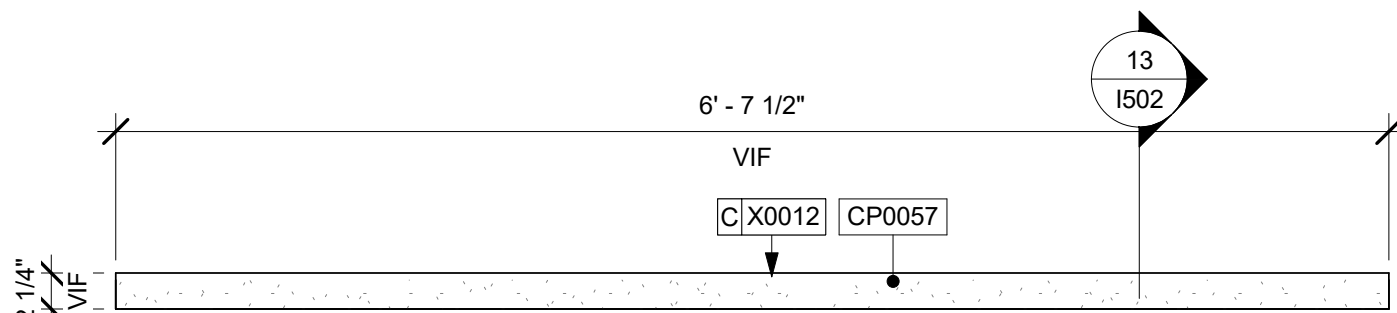
9 X0008 - DT POS COUNTER  
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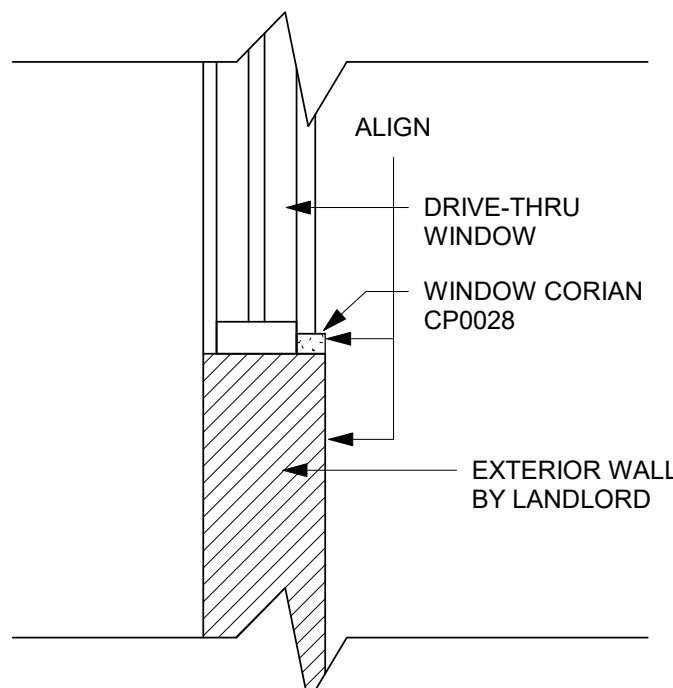
10 FUTURE EQUIPMENT COUNTER - PLAN  
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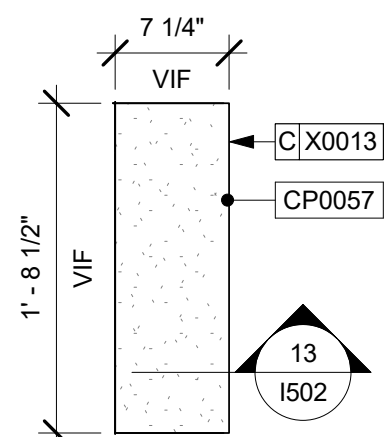
11 COUNTERTOP AT DT  
Scale: 1" = 1'-0"



12 X0012 CORIAN SILL  
Scale: 1" = 1'-0"



13 CORIAN WINDOW SILL  
Scale: 1" = 1'-0"



14 X0013 CORIAN SILL  
Scale: 1" = 1'-0"



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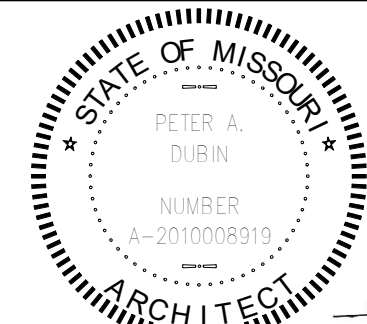
STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**



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Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE**

**RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule				
Rev	Date	By	Description	

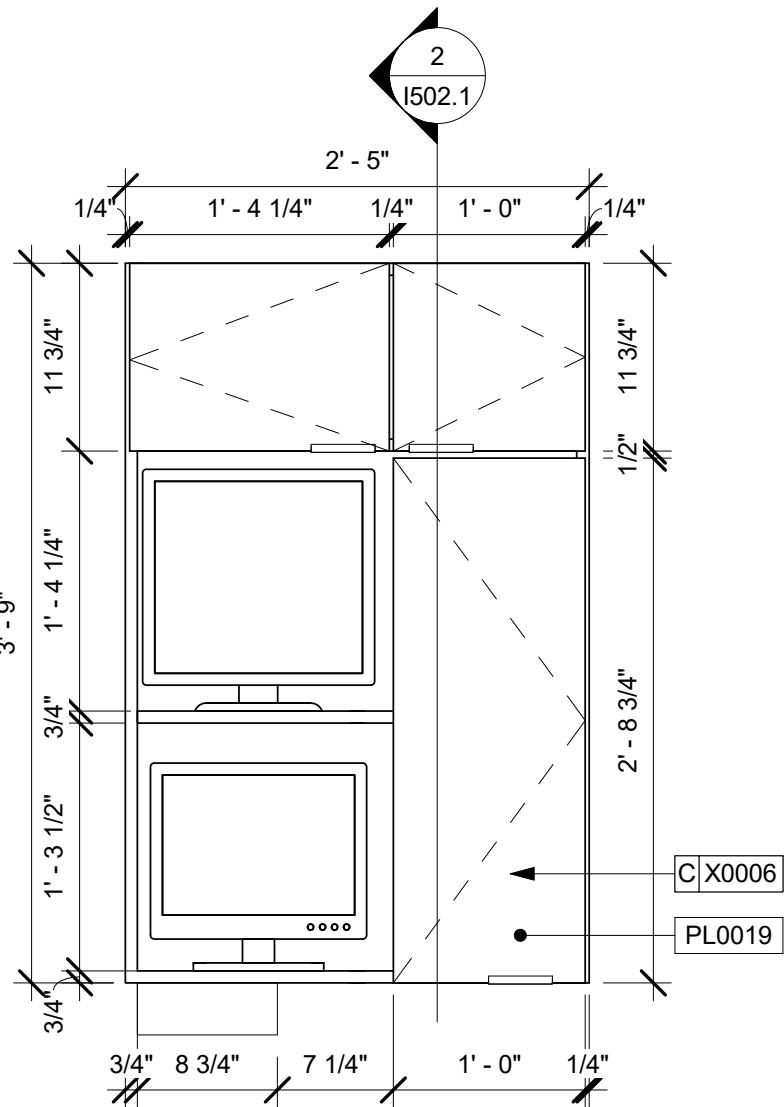
SHEET TITLE:  
**INTERIOR DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**1502**

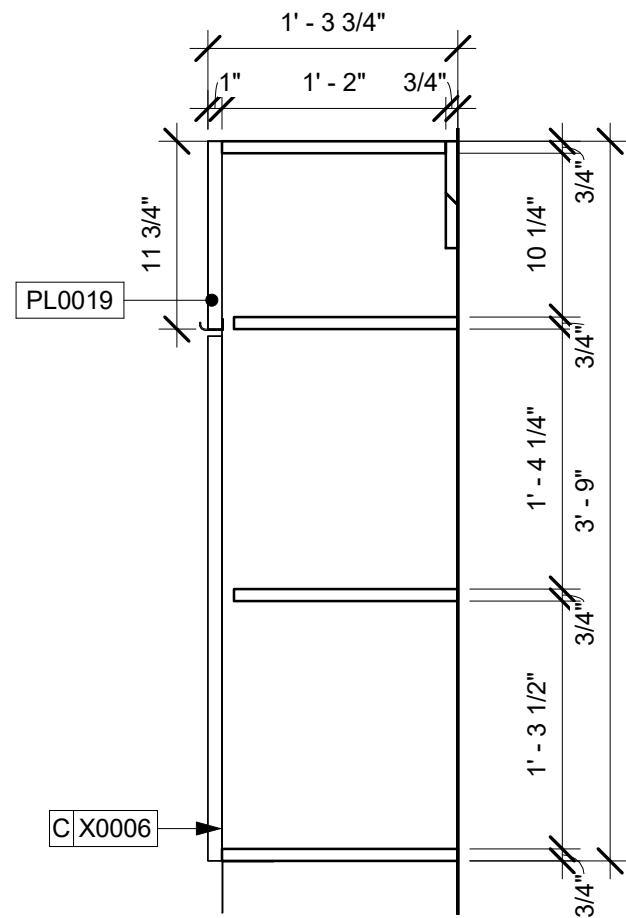
FINAL BID/PERMIT SET - 09.04.2020





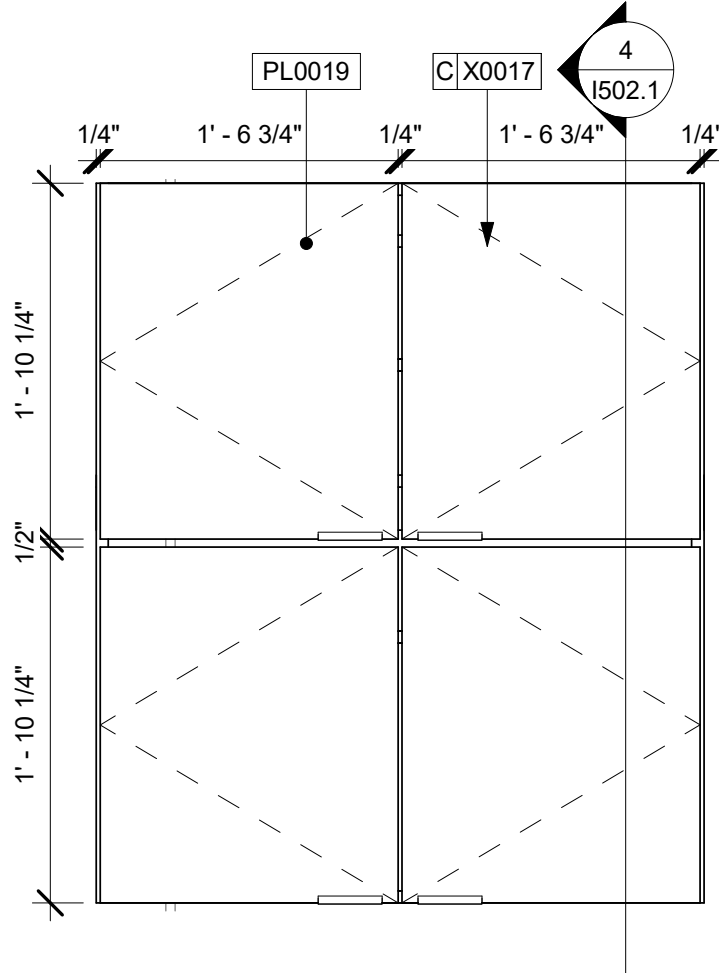
1 X006 - DT POS UPPER CUBBY

Scale: 1" = 1'-0"



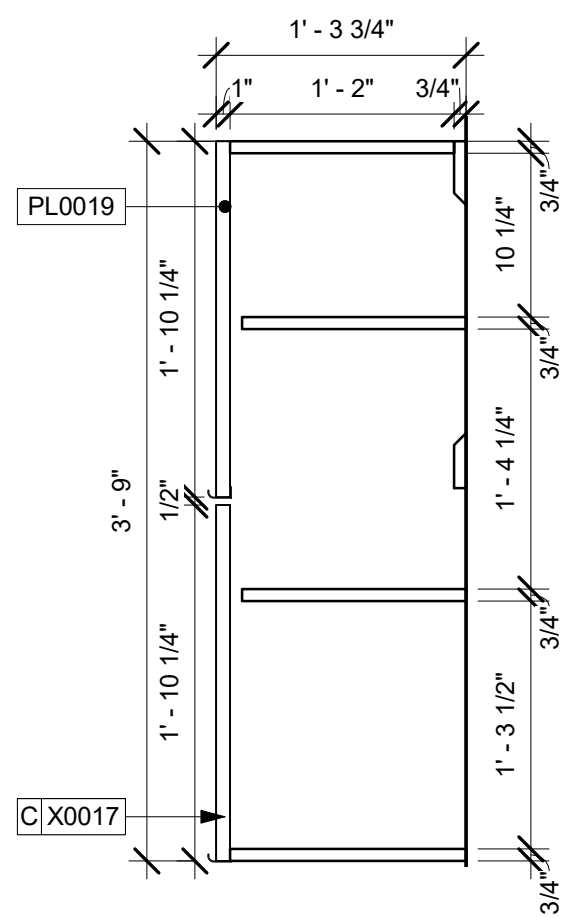
2 X0006 SECTION DETAIL

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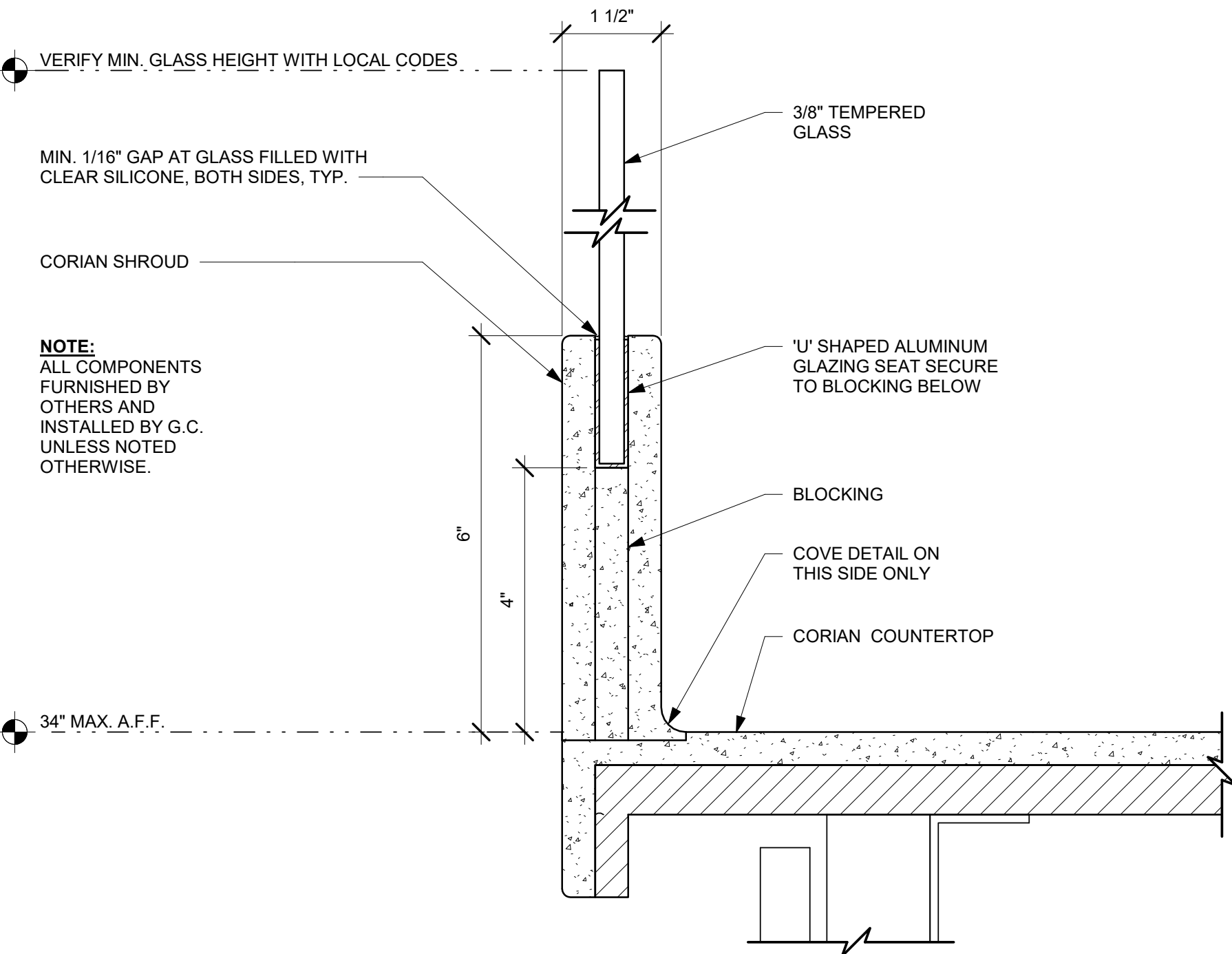
3 X0017 - DT - CABINET

Scale: 1" = 1'-0"



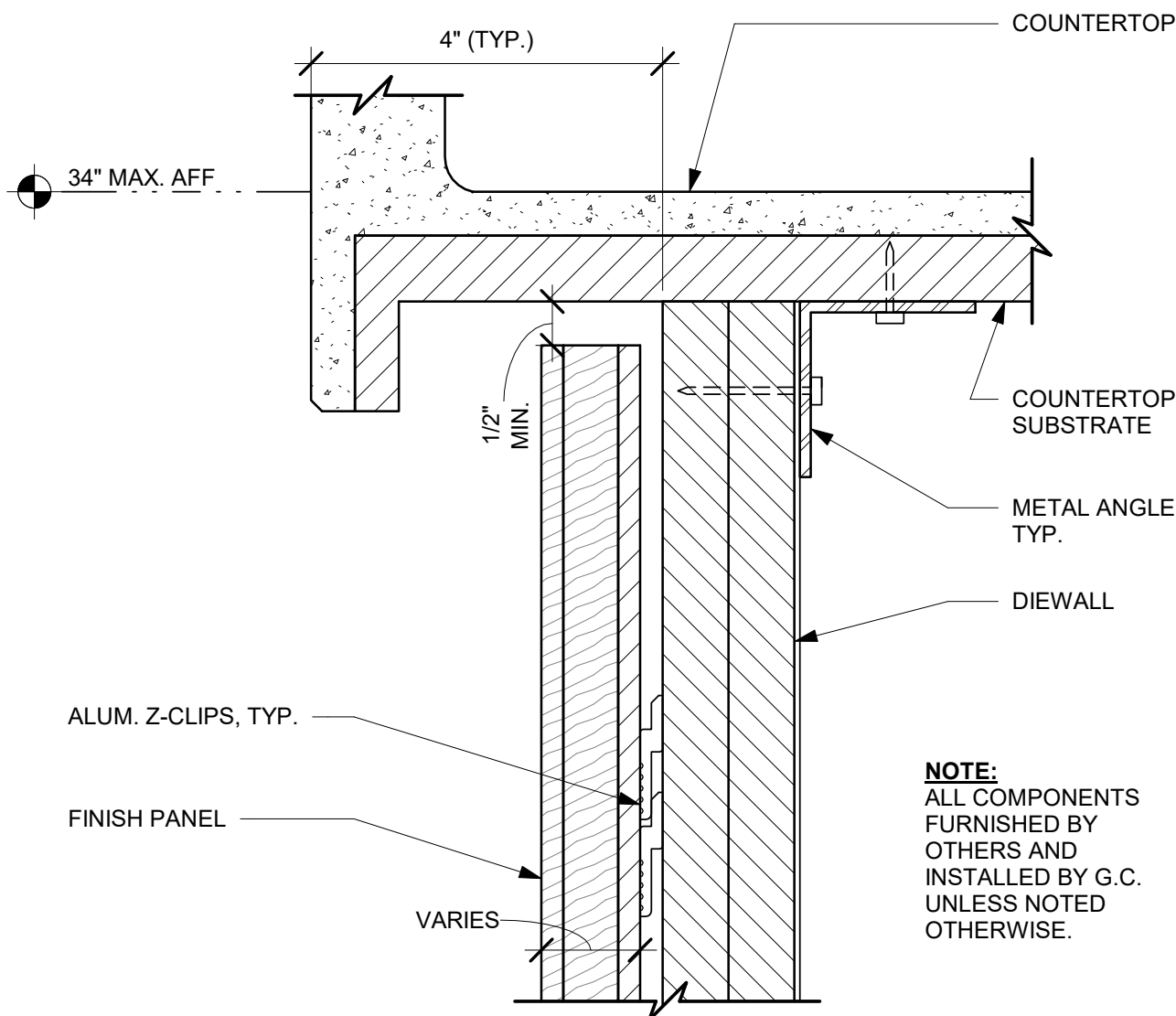
4 X0017 SECTION DETAIL

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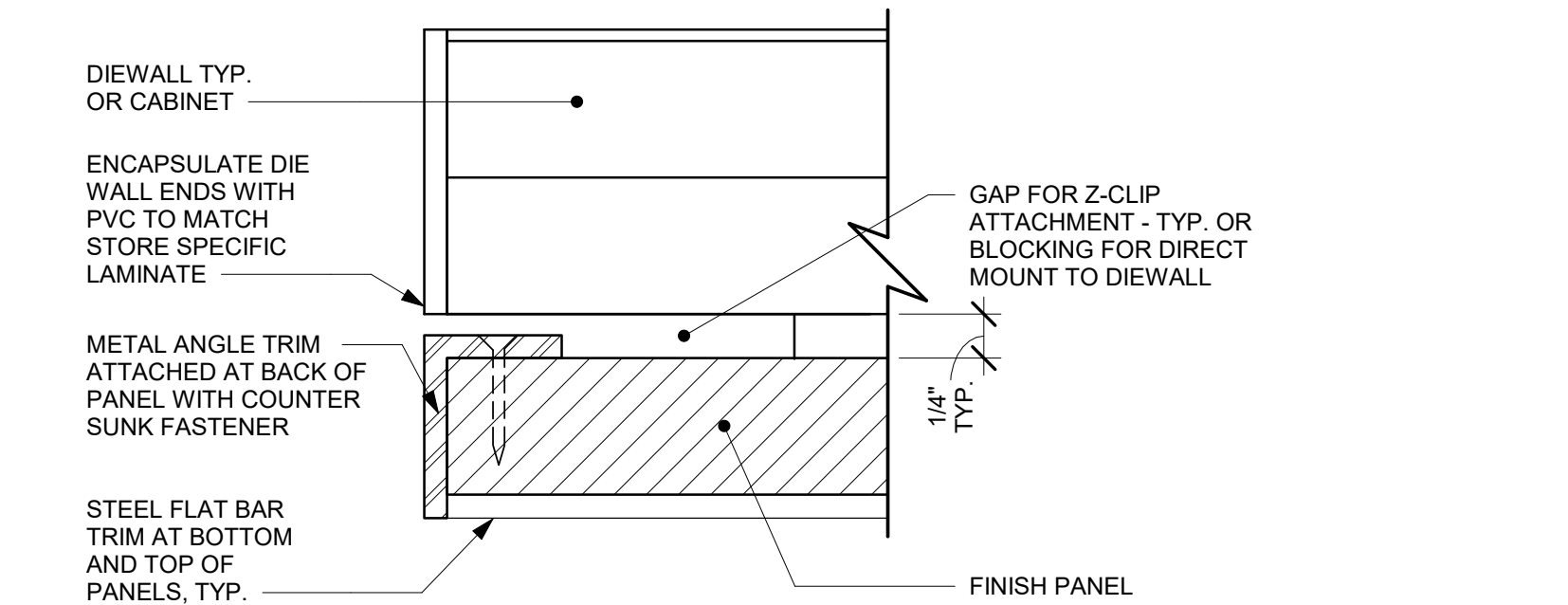
5 ESP SHROUD - CORIAN WITH SNEEZE GUARD

Scale: 6" = 1'-0"



6 FINISH PANEL - BUILT-UP COUNTERTOP OVERHANG

Scale: 6" = 1'-0"



7 TYPICAL DETAIL AT FINISH PANEL END - VERTICAL METAL TRIM

Scale: 12" = 1'-0"

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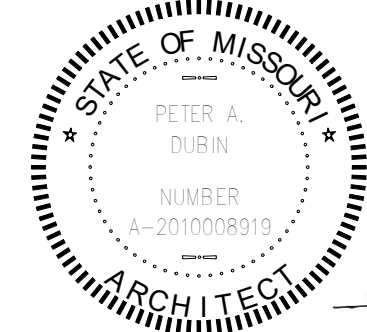
STARBUCKS TEMPLATE VERSION i2020-01-31

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Engineering Consultant



SIGNED: 09.04.2020  
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PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLOSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule				
Rev	Date	By	Description	

SHEET TITLE:  
**INTERIOR DETAILS**

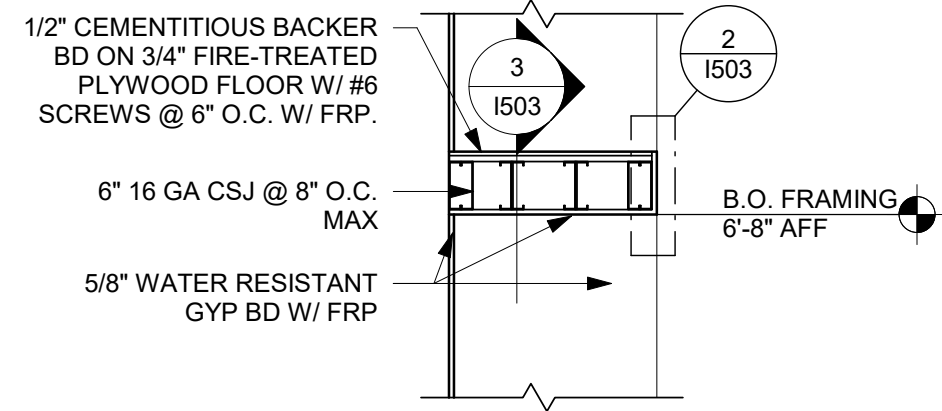
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SHEET NUMBER:  
**1502.1**

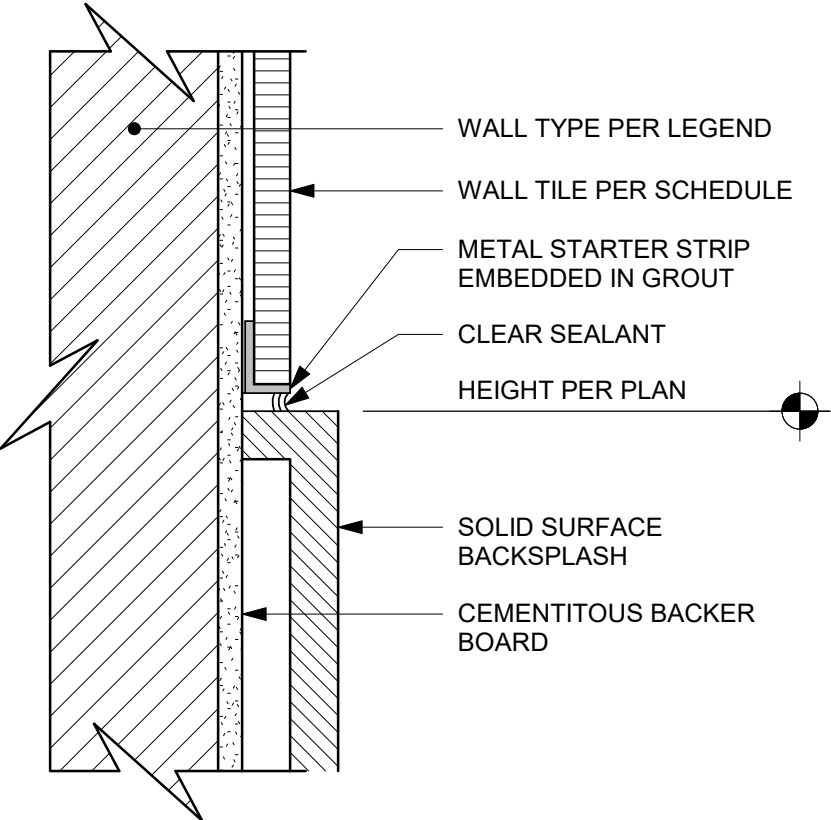
FINAL BID/PERMIT SET - 09.04.2020



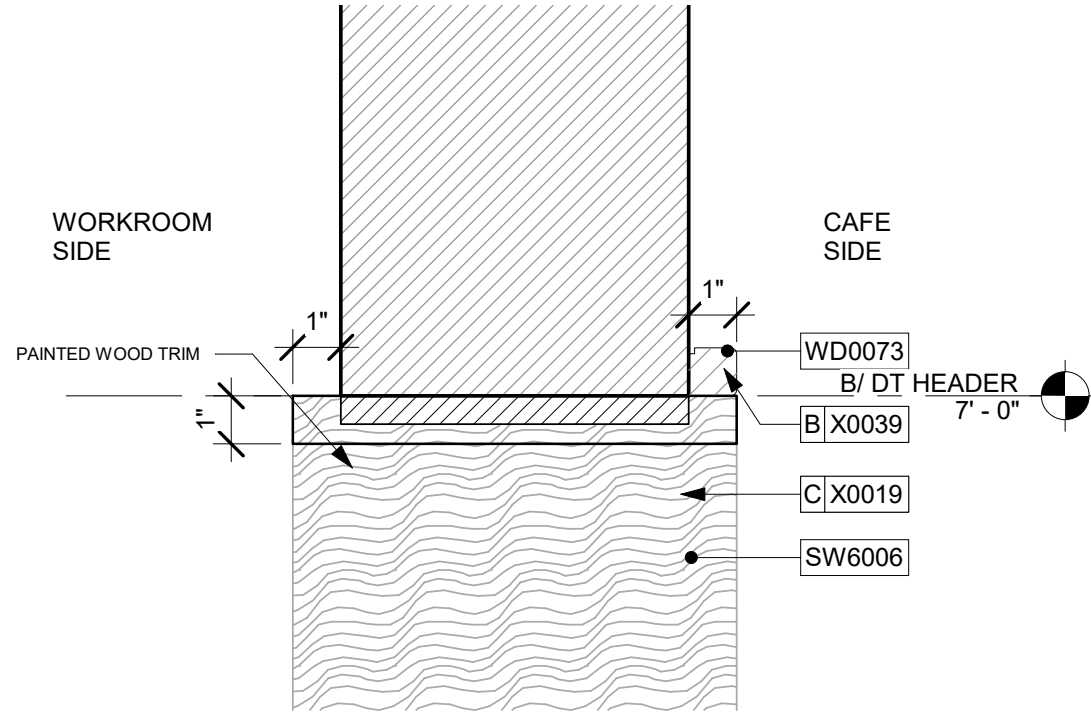
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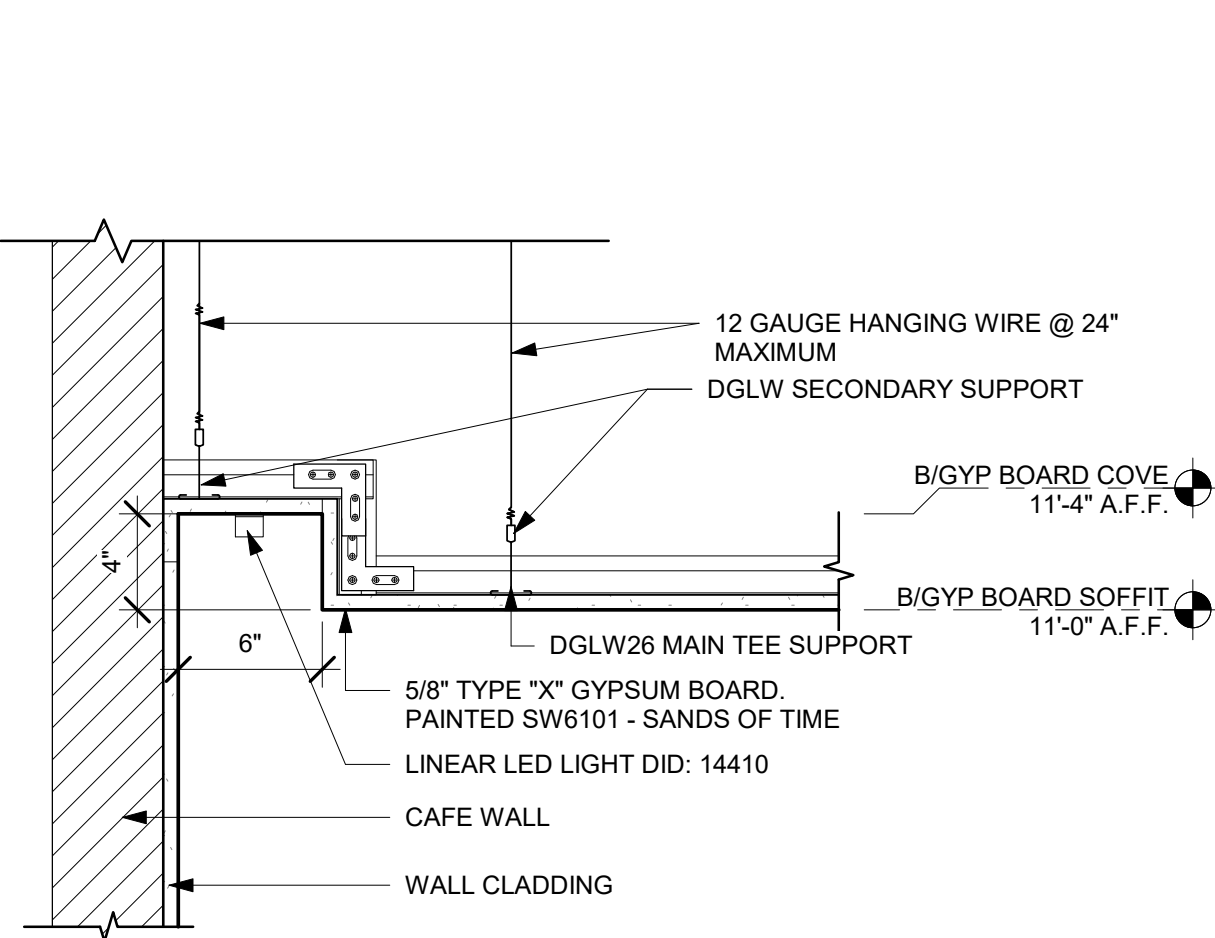
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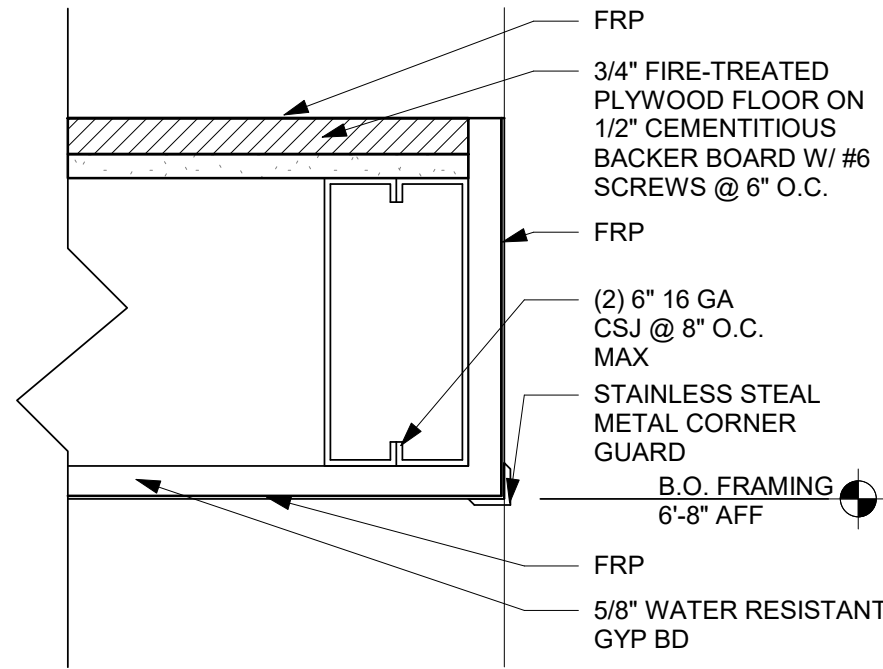
5 SS BACKSPLASH TO TILE TRANSITION  
Scale: 6" = 1'-0"



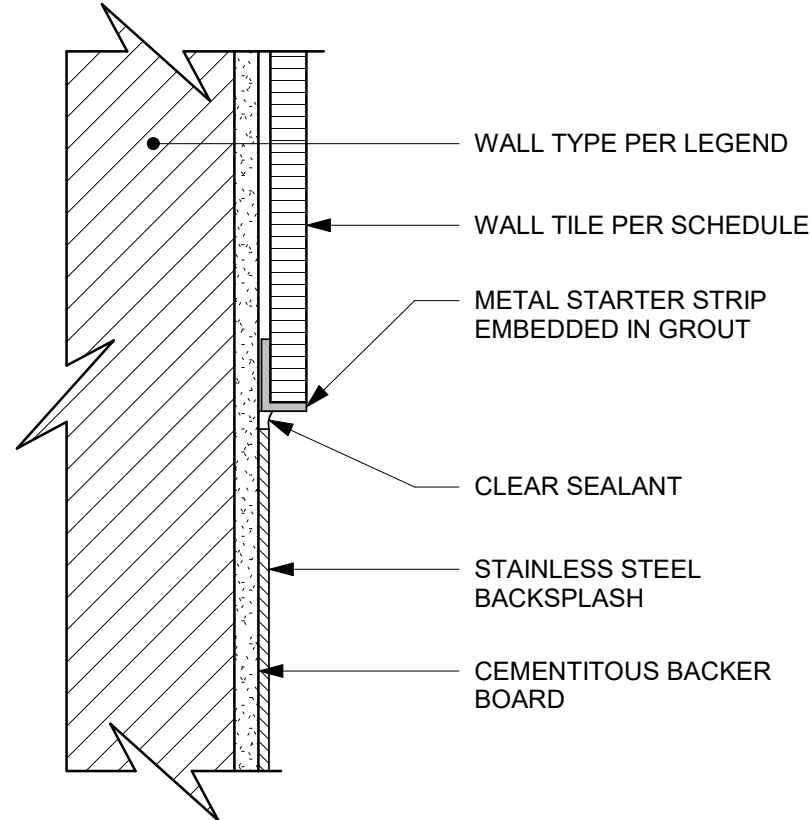
10 WORKROOM ENTRY HEADER SECTION DETAIL  
Scale: 3" = 1'-0"



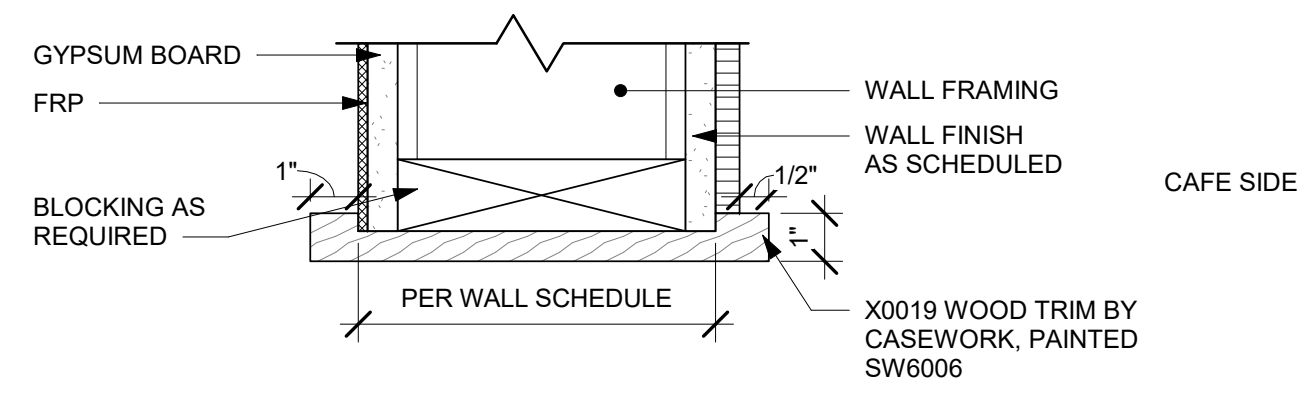
12 LIGHT COVE DETAIL  
Scale: 1 1/2" = 1'-0"



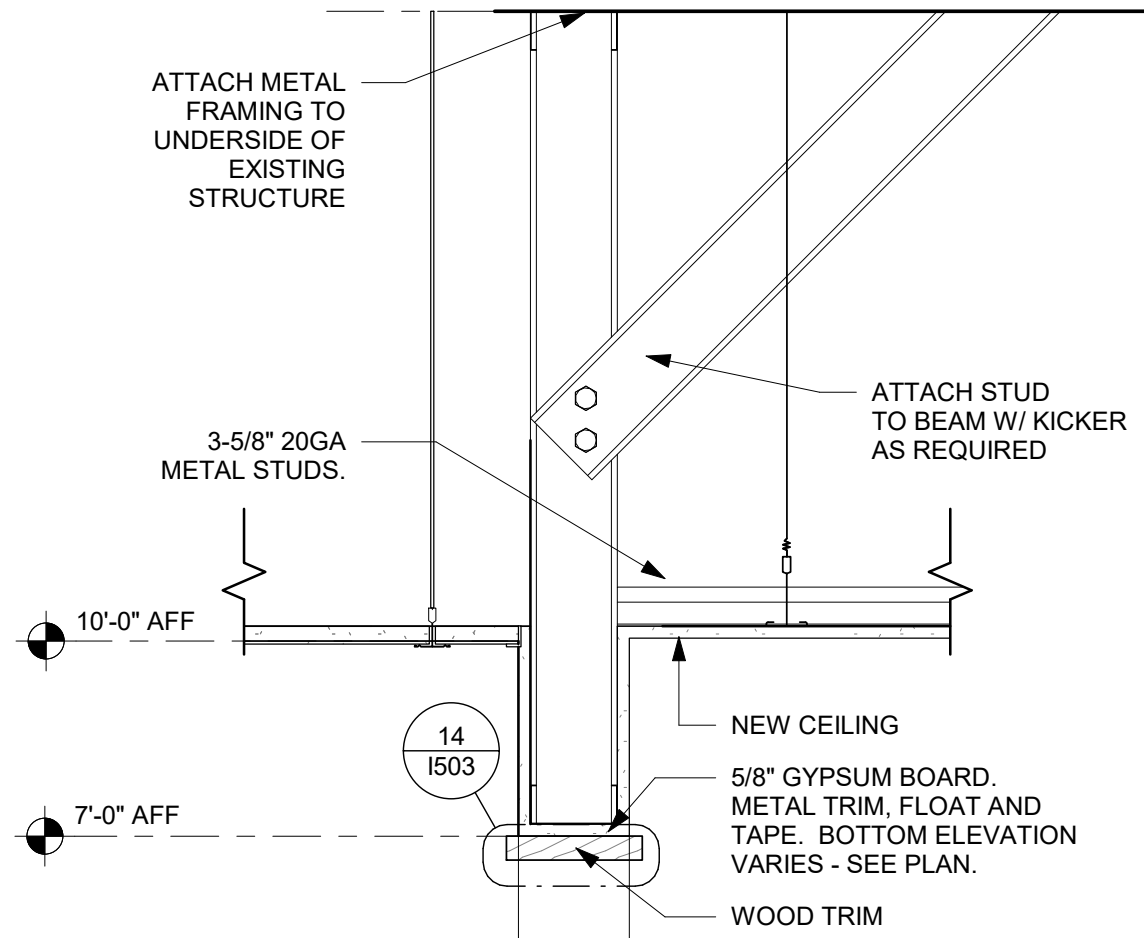
2 WATER HEATER SHELF EDGE  
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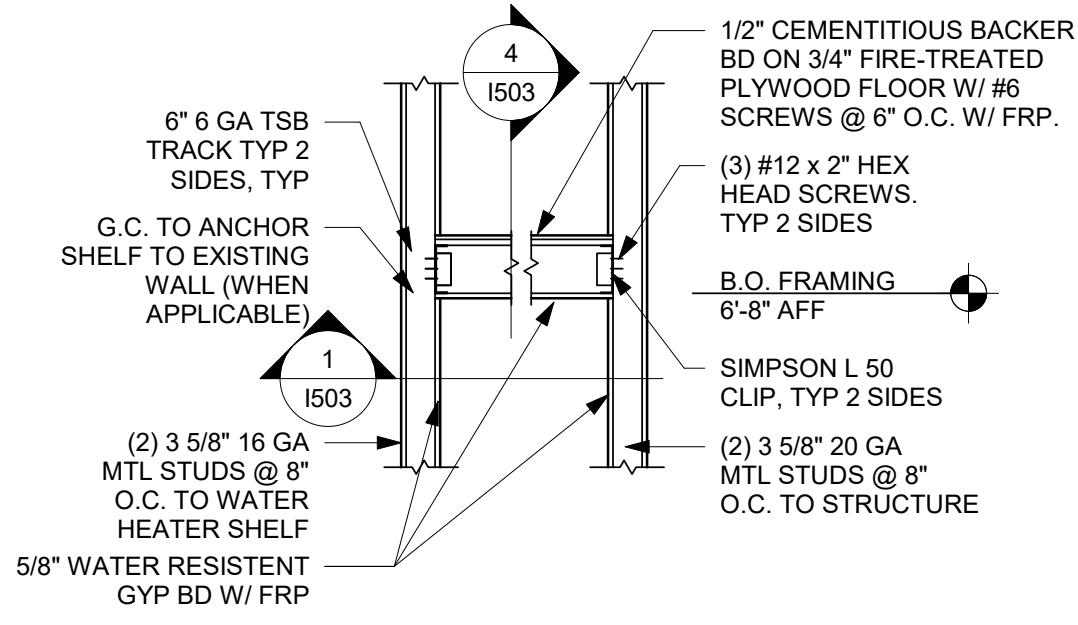
6 SST BACKSPLASH TO TILE TRANSITION  
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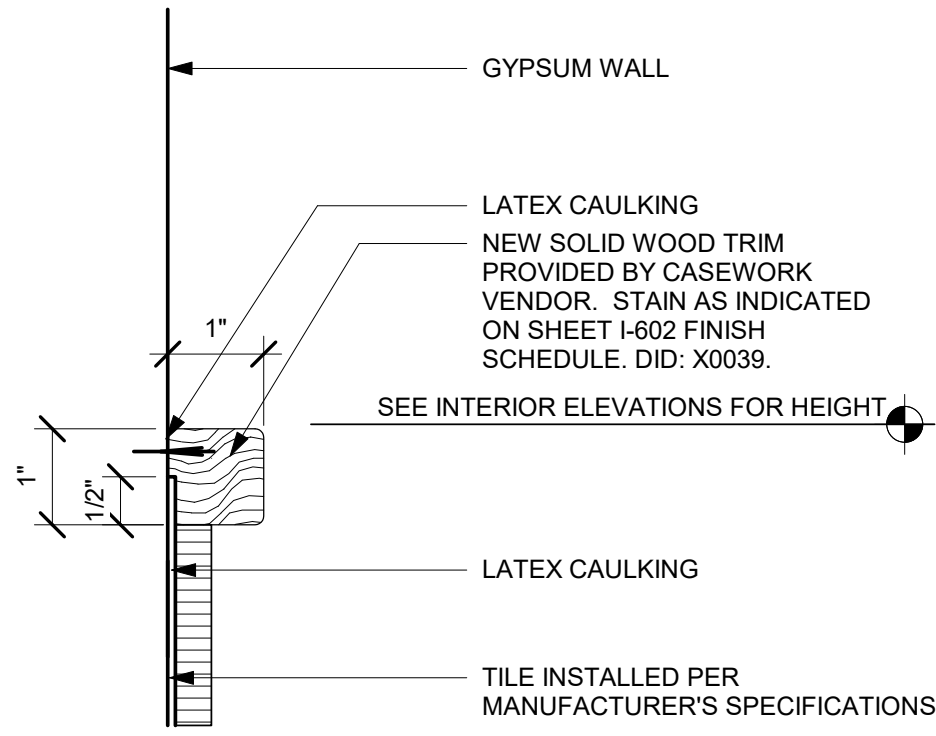
11 WORKROOM TRANSITION TRIM AT SIDES  
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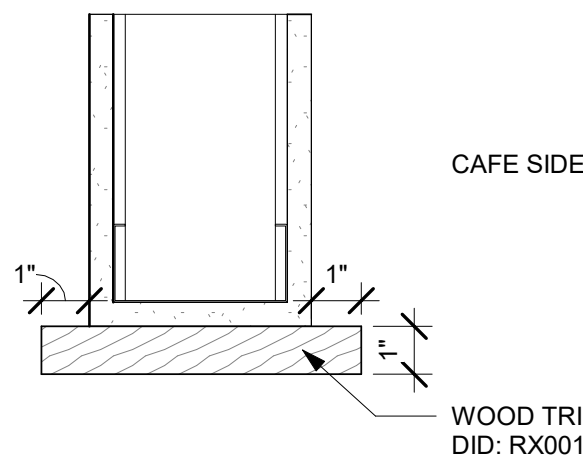
13 HEADER SECTION DETAIL  
Scale: 1 1/2" = 1'-0"



3 WATER HEATER SHELF ELEVATION  
Scale: 1/2" = 1'-0"

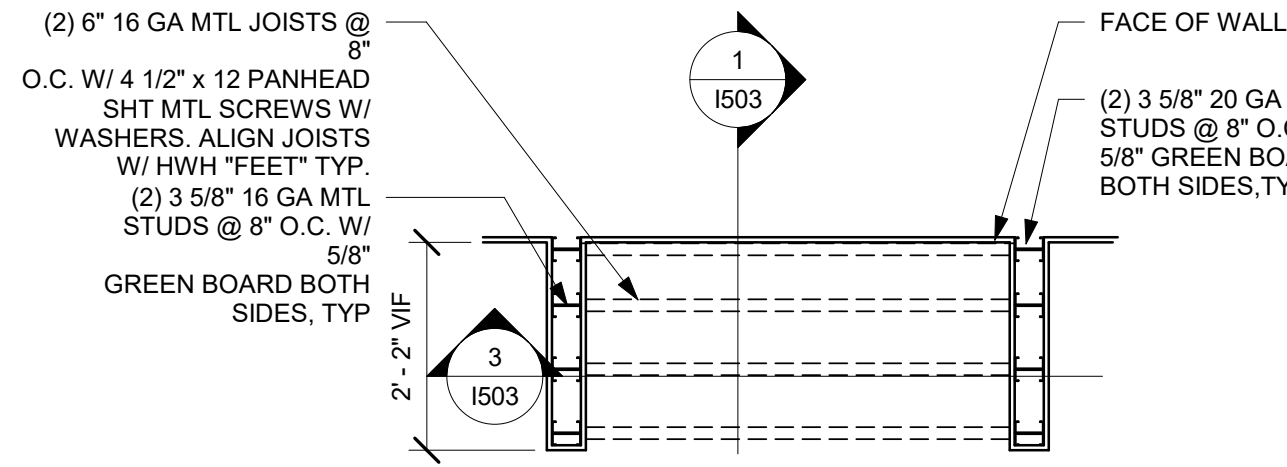


7 WOOD TRANSITION DTL AT ENGINE  
Scale: 6" = 1'-0"

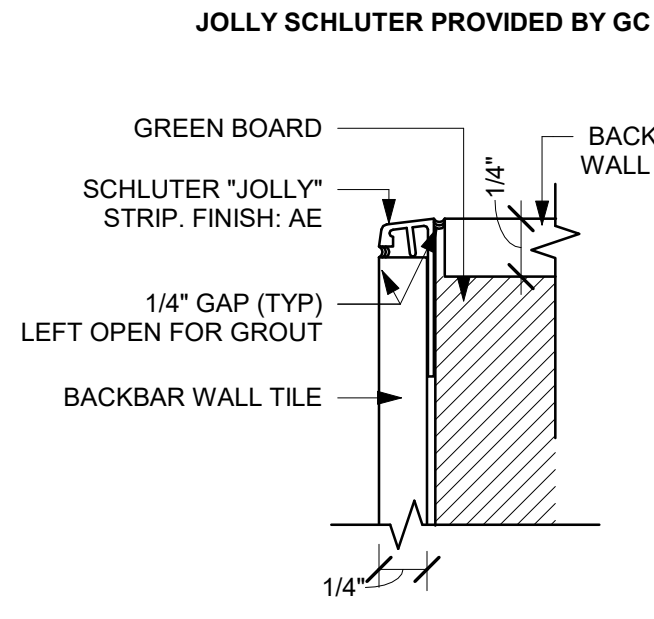


14 WOOD TRIM AT BACKBAR HEADER  
Scale: 3" = 1'-0"

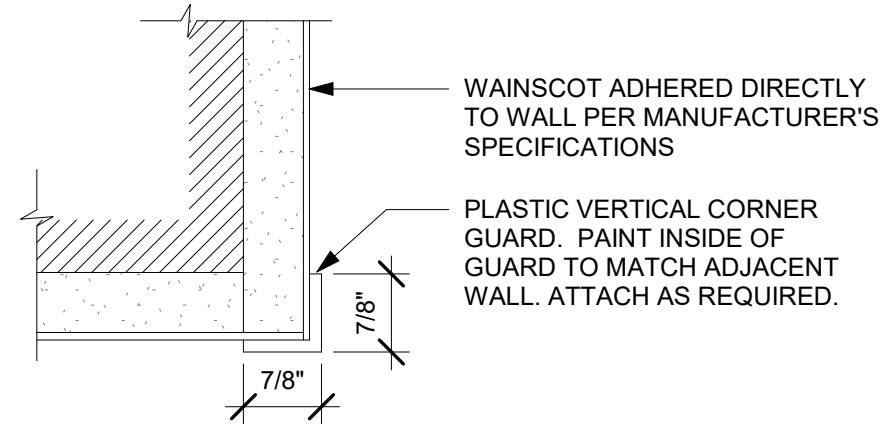
NOTE: CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS & SAMPLES FOR DESIGNER APPROVAL PRIOR TO FABRICATION.



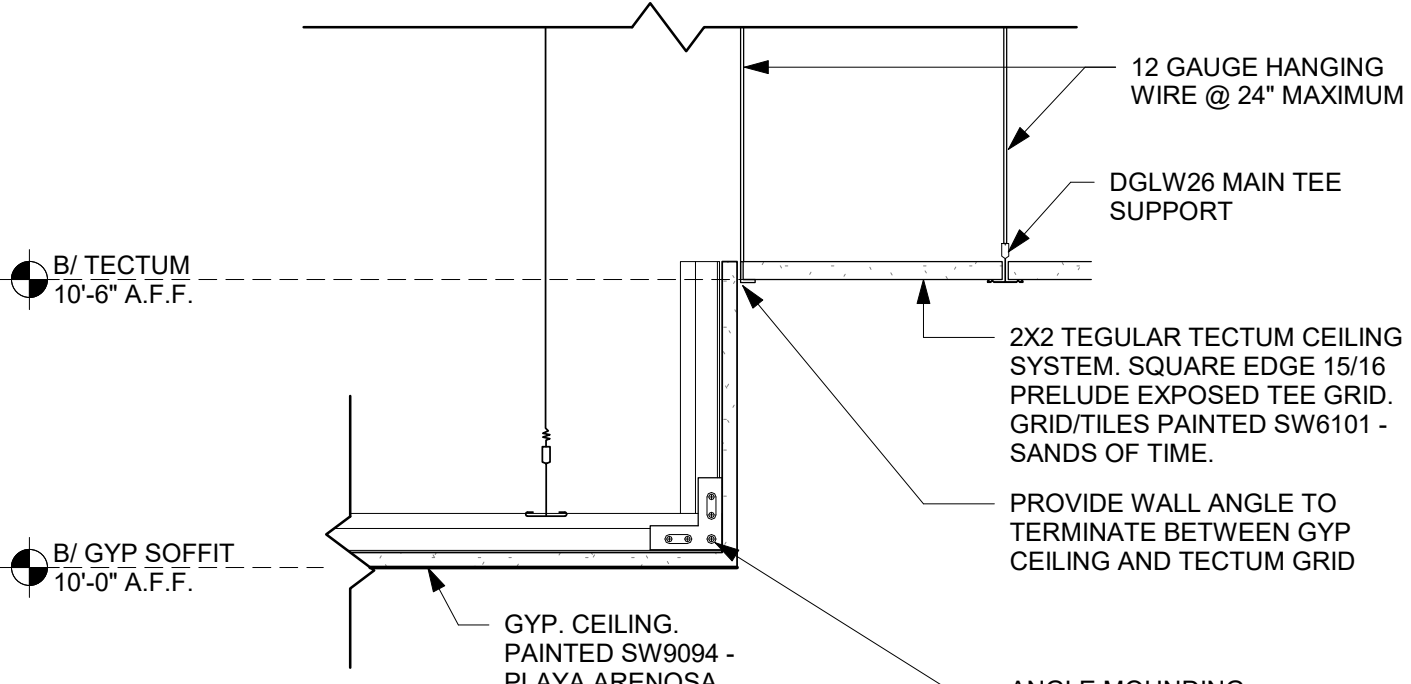
4 WATER HEATER SHELF PLAN  
Scale: 1/2" = 1'-0"



8 X0026 - JOLLY STRIP DETAIL  
Scale: 12" = 1'-0"



9 PLASTIC CORNER GUARD  
Scale: 6" = 1'-0"



15 GYP. SOFFIT TO TECTUM TRANSITION  
Scale: 1 1/2" = 1'-0"



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2401 UTAH AVENUE SOUTH  
SEATTLE, WASHINGTON 98134  
(206) 318-1575

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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**

William J. Alkemeyer, P.E.  
353 Marshall Avenue  
St. Louis, Missouri 63119  
Phone (314) 772-1782  
Fax (314) 373-3514  
**Engineering Consultant**



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**  
PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**INTERIOR DETAILS**

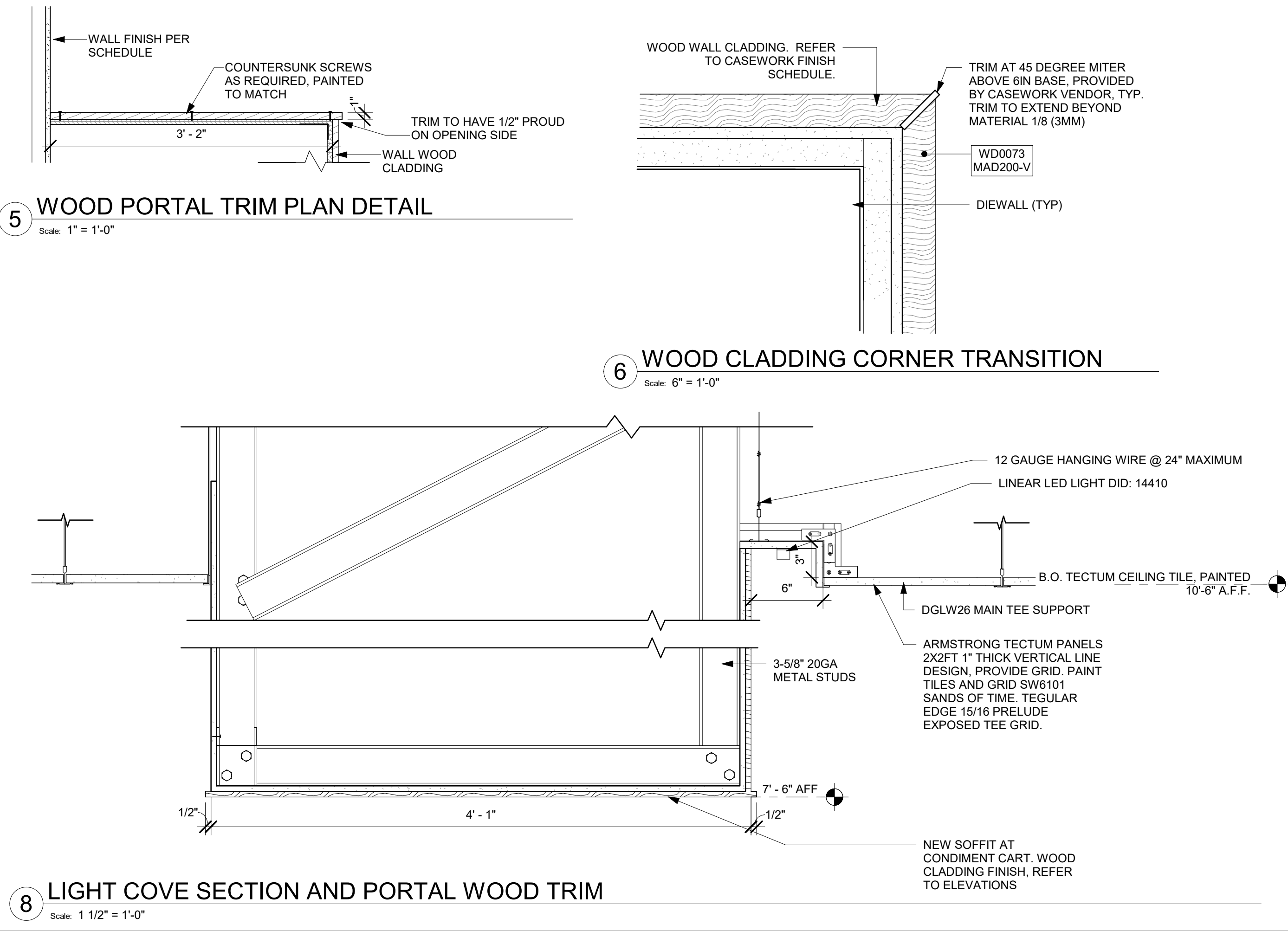
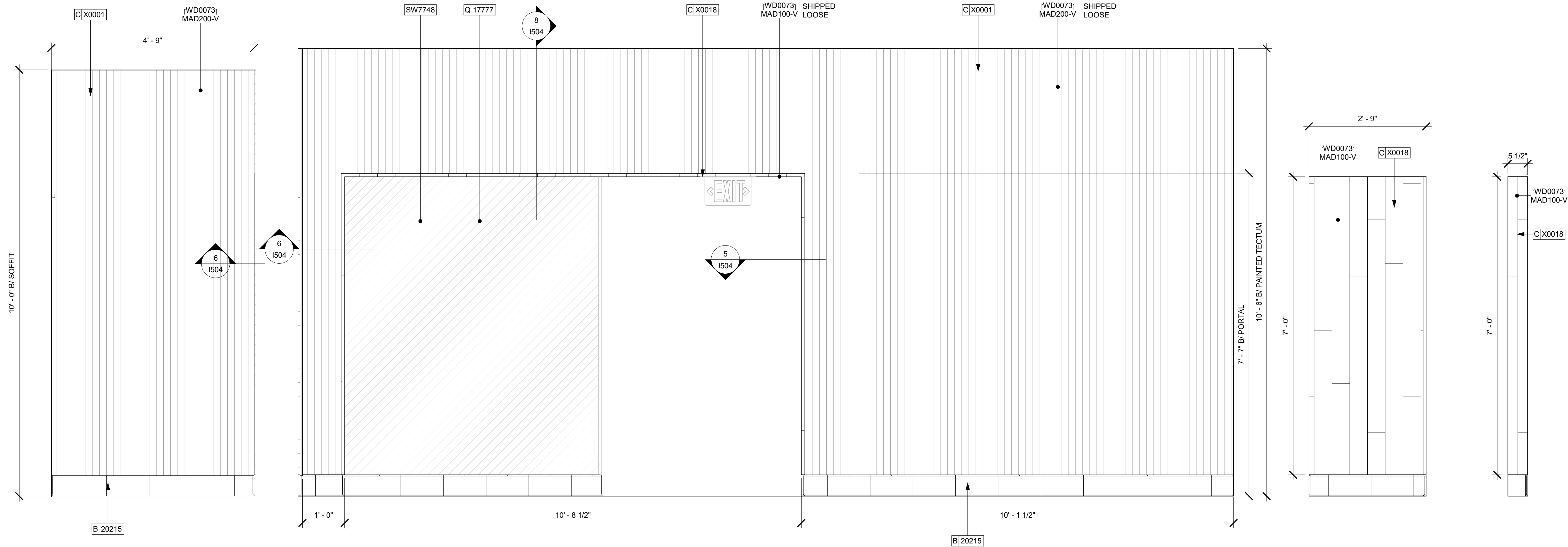
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SHEET NUMBER:  
**1503**


FINAL BID/PERMIT SET - 09.04.2020



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DESIGN DEVELOPMENT ONLY - NOT INTENDED FOR CONSTRUCTION USE




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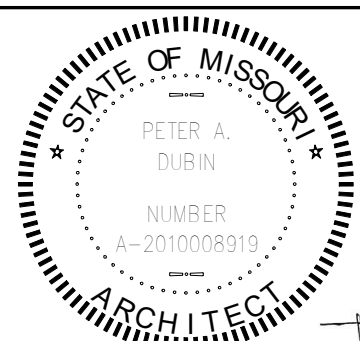
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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**

  
William J. Alkemeyer, P.E.  
353 Marshall Avenue  
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Phone (314) 772-1782  
Fax (314) 373-3514  
Engineering Consultant

  
PETER A. DUBIN  
NUMBER A-2010008910  
ARCHITECT  
SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLOSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

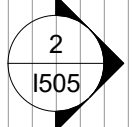
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**INTERIOR DETAILS**

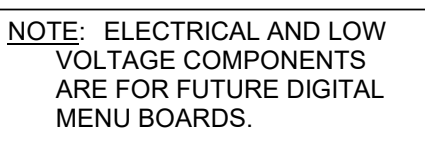
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SHEET NUMBER:  
**1504**





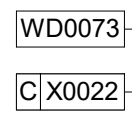
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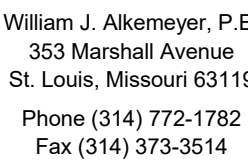


Scale: 1 1/2" = 1'-0"



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# NORR



STATE OF MISSOURI

PETER A. DUBIN

NUMBER  
A-2010008919

ARCHITECT



PROJECT NAME:  
BUILDOUT OF STARBUCKS

RT. 291 &amp; 150

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

### Revision Schedule

SHEET TITLE:  
**INTERIOR DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:

1505



FURNITURE SCHEDULE - "F"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
BANQUETTE					
19502	2	BANQUETTE - CLOSTER BASE - WHITE OAK WD0073	SB	GC	LENGTH: 23'-7 3/4". BANQUETTE TO BE TOP SET. DO NOT FIX TO FLOOR. SEE DETAIL.
19508	2	BANQUETTE - CLOSTER CUSHION VERTICAL STITCH - CARAMEL BROWN NATURAL F0008	SB	GC	LENGTH: 23'-7 3/4". BANQUETTE TO BE TOP SET. DO NOT FIX TO FLOOR. SEE DETAIL.
X0043	4	BANQUETTE - CLOSTER INSIDE CORNER CURVED - WHITE OAK AND CARAMEL BROWN NATURAL WD0073 F0008	SB	GC	BANQUETTE TO BE TOP SET. DO NOT FIX TO FLOOR. SEE DETAIL.
BENCH					
19313	1	BENCH - BANK - 66IN 1675MM - CARAMEL BROWN NATURAL F0008	SB	GC	
CHAIR					
17852	16	CHAIR - CAFE PYRAMID - BLACK AND BROWN ROPE MT0028 F0194	SB	GC	
19912	16	CHAIR - CAFE ANNA UPHOLSTERED - WHITE OAK AND CARAMEL BROWN NATURAL WD0073 F0008	SB	GC	
20087	2	CHAIR - LOUNGE PYRAMID - BLACK AND BROWN ROPE MT0028 F0194	SB	GC	
21004	4	CHAIR - LOUNGE KIMBERLY - DEEP GREEN NATURAL F0230	SB	GC	
DESK					
10123	1	DESK - MANAGERS WORKSTATION - 60X30X30IN 152X760X760MM	SB	GC	
10605	1	DESK - MANAGERS WORKSTATION KEYBOARD TRAY	SB	GC	
16505	1	DESK - MANAGERS WORKSTATION SHELVES - 36IN 915MM	SB	GC	
MIRROR					
10342	2	MIRROR - RESTROOM - 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	
17645	6	TABLE - TOP SQUARE - 24IN 610MM - WHITE OAK WD0073	SB	GC	
18162	1	TABLE - OCCASIONAL CONCRETE ROUND - 28IN 710MM - BEIGE CHARCOAL OMBRE CT0001 CT0002	SB	GC	
18467	4	TABLE - TOP ACCESSIBLE OBLONG - 24X48IN 610X1220MM - WHITE OAK WD0073	SB	GC	
18468	8	TABLE - BASE CAFE T LEG - HOT ROLLED STEEL MT0011	SB	GC	
19306	2	TABLE - TOP ROUND - 18IN 455MM - WHITE OAK WD0073	SB	GC	
19718	2	TABLE - BASE OCCASIONAL SIDE ESSENTIAL - FLAT BLACK MT0028	SB	GC	
20545	4	TABLE - OCCASIONAL COCKTAIL STUDY - FLAT BLACK MT0028	SB	GC	
21449	6	TABLE - BASE CAFE HEIGHT BOTTLE - FLAT BLACK MT0028	SB	GC	
WINDOW TREATMENT					
12716	7	ROLLER SHADE - CHARCOAL TRANSLUCENT F0049 - 5PC OPEN	SB	GC	

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	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). SCREEN INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL: GC CONNECTS DOS WHIPS & STUB-UPS TO DCB.
14119	1	MENU BOARD - DT 5 PANEL FREESTANDING - 108X65IN 2745X1650MM - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
14120	1	MENU BOARD - DT PRE MENU FREESTANDING - 36X65IN 915X1650MM - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
15700	1	MENU BOARD - DT DIGITAL ORDER SCREEN CONTROL BOX	SB	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL CONNECTION: GC, LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
OTHER					
14103	7	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	LL	LL	DSA PHOTOTECH. SEE DTL.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS
18818	2	LIGHT POLE - 10FT 300CM - FLAT BLACK MT0028	SB	GC	GC TO PROVIDE AIRLINE CABLE AND HOOKS AS NEEDED FOR LIGHT INSTALLATION.
18820	2	LIGHT POLE BASE PLATE - FLAT BLACK MT0028	SB	GC	
X0007	2	VEHICLE DETECTOR LOOP	SB	GC	SUPPLIER: DT AUDIO VENDOR (HME). INSTALLER: GC, LL TO PROVIDE CONDUIT FORMS & SURFACES: OLYMPIA BIKE RACK. WWW.FORMS-SURFACES.COM. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.FINISH: STANDARD BLACK TEXTURE.
X0014	2	BIKE RACK - OLYMPIA	LL	LL	
PLANTER					
X0004	11	CONCRETE PLANTER BOX	LL	LL	CONCRETE PLANTERS WITH IRRIGATION BY LANDLORD. LL TO PROVIDE SPEC TO CM FOR APPROVAL LL TO PROVIDE LANDSCAPING. COORDINATE WITH OPERATIONS PRIOR TO INSTALLATION.
UMBRELLA					
12147	3	UMBRELLA - BASE 95LB 43KG - FLAT BLACK MT0028	SB	GC	
20073	3	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - GREEN CANVAS WITH WORDMARK F0056	SB	GC	

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	5	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	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	
13676	1	FREEZER REACH IN 1 DOOR RH - 27IN 685MM	SB	GC	
13682	1	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	GC TO COORDINATE WITH SBUX VENDOR.
10808	1	GRINDER DITTING KR1203	SB	GC	GC TO COORDINATE WITH SBUX VENDOR.
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	
16623	1	SCALE DIGITAL WITH ADJUSTABLE DISPLAY MOUNT SMALL	SB	GC	
17564	1	BLENDER PITCHER RINSER WITH SENSOR	SB	GC	
19559	1	NITROGEN GENERATOR ELEMENT	SB	GC	GC TO COORDINATE INSTALLATION & CONNECTIONS WITH SBUX VENDOR
19742	2	ESPRESSO MACHINE MASTRENA II	SB	GC	GC TO COORDINATE WITH SBUX VENDOR.
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	
10384	2	DIAPER CHANGING STATION HORIZONTAL	SB	GC	
10396	1	CUP DISPENSER SHORT HOT VERTICAL	SB	GC	
10487	1	FILE CABINET 2 DRAWER	SB	GC	
10501	1	FIRE EXTINGUISHER	GC	GC	LOCALLY SOURCED.
10769	2	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC	
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	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	2	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	SB	GC	
11115	2	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	19495 RETIRED; ORDER FOUR SKU #S: 011095591, 011095592, 011095587, 011095588.
20079	1	NITRO 2 TAP BADGE MOUNT BACKBAR LH	SB	GC	
20080	1	NITRO 2 TAP BADGE MOUNT BACKBAR RH	SB	GC	
X0011	2	HAND DRYER - INTEGRATED	GC	GC	XLERATOR SYNC HAND DYER. AUTOMATIC SENSOR OPERATED. SURFACE MOUNTED. CONTACT: D113 GROUP, 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM
X0045	2	SOAP DISPENSER - STERN	GC	GC	STERN, GREEN/CHROME SOAP DISPENSER. PART #07100008. PART OF D113 INTEGRATED SINK SYSTEM. CONTACT: D113 GROUP, 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM
STORAGE					
10222	2	WIRE SHELF GRID AT SINK	SB	GC	
10416	8	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	8	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
13834	1	BASE - 24X18IN 610X455MM	SB	GC	
15699	1	PARTNER WORK CENTER	SB	GC	
17255	1	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	

MECHANICAL EQUIPMENT SCHEDULE - "M"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
FAN					
10894	1	FAN - DT AIR CURTAIN WITH HEATER - 48IN 1220MM	LL	LL	READY ACCESS AIR AA300 PASS-THRU AIR CURTAIN. CONTACT: ANNA ELLIS ANNA@READY-ACCESS.COM
X0042	1	FAN - WALL MOUNTED FAN - PATIO	GC	GC	GLOBAL INDUSTRIAL. 30IN OSCILLATING WALL MOUNTED FAN. ITEM #T9F292451. GC TO PROVIDE MOUNTING PARTS AS NEEDED. LL TO PROVIDE POWER.
HVAC					
10317	17	HVAC - VAV SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.
11108	3	HVAC - SUPPLY 4 WAY LAY IN SQUARE - 12IN 305MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.
11163	2	HVAC - RETURN LAY IN SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.
11165	2	HVAC - RETURN CHANNEL FRAME SQUARE - 10IN 255MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC	
X0028	2	ACCESS PANEL	GC	GC	BAUCO PLUS II. MODEL #20-58-2424. PAINT TO MATCH ADJACENT FINISH.

DATA DEVICE SCHEDULE - "A"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
AUDIO VISUAL					
10005	1	MUSIC SYSTEM	SB	SB	GC TO INSTALL AND TEST SYSTEM.
10010	1	DT ORDER MONITOR	SB	SB	
10012	1	DT COMMUNICATION SYSTEM	SB	SB	
10015	4	SPEAKER RECESSED - WHITE	SB	SB	
10017	2	SPEAKER SURFACE MOUNTED - BLACK	SB	SB	
12336	1	DT TIMER SYSTEM	SB	SB	
14676	1	DT POS MONITOR ARM DOUBLE SURFACE MOUNTED	SB	GC	
19339	1	AMPLIFIER - 40W	SB	SB	GC TO INSTALL AND TEST SYSTEM.
DATA					
10002	1	COMPUTER MANAGER WORKSTATION	SB	SB	
10007	1	PRINTER MANAGER WORKSTATION	SB	SB	
18744	1	EQUIPMENT RACK WITH LOCK - 24IN 610MM	SB	SB	
20294	4	IOT MODULE	SB	SB	
POINT OF SALE					
10008	2	POS - REGISTER WITH COMPACT CASH DRAWER	SB	SB	GC TO COORDINATE WITH SBUX VENDOR.
10014	4	POS PRINTER	SB	SB	GC TO COORDINATE WITH SBUX VENDOR.
10022	1	MONEY COUNTER	SB	SB	GC TO COORDINATE WITH SBUX VENDOR.
10029	6	POS BANK	SB	GC	
10075	3	CUP LABELER	SB	SB	GC TO COORDINATE WITH SBUX VENDOR.
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	GC	GC TO COORDINATE WITH SBUX VENDOR; STORE MANAGER TO PROGRAM WITH VENDOR PROVIDED MANUAL.
10028	1	SAFE BASE	SB	GC	GC TO COORDINATE WITH SBUX VENDOR; STORE MANAGER TO PROGRAM WITH VENDOR PROVIDED MANUAL.

PLUMBING FIXTURE SCHEDULE - "P"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	7	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	ZURN MODEL #FD2375-NH3.
10594	4	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	GC	GC	JAY R. SMITH MODEL #2005Y (B) OR EQUAL
10726	7	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	ZURN MODEL #FD2375-NH3-H.
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	
10597	2	FAUCET - SINGLE HANDLE	SB	GC	
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC	
10874	1	FAUCET - HOT WATER SYSTEM GOOSENECK	SB	GC	
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC	
11003	3	FAUCET - METERED	SB	GC	
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC	
15749	2	FAUCET - HOT AND COLD WATER SYSTEM	SB	GC	
X0036	2	FAUCET - STERN	GC	GC	STERN. CONDOR 1010. PART #07100005. CHROME. PART OF D113 INTEGRATED SINK SYSTEM. CONTACT: D113 GROUP, 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM
FILTER					
12501	1	FILTER - RO SYSTEM 600GPD	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
12896	1	FILTER - BRINE TANK	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
12899	2	FILTER - POLY GLASS VESSEL	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
13076	1	FILTER - PREFILTRATION SYSTEM	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
13082	1	FILTER - WATER SOFTENER TWIN	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
13149	1	FILTER - PRESSURE GAUGE	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
OTHER					
13384	1	WATER HEATER TANK GAS	GC	GC	AO SMITH POLARIS HIGH EFFICIENCY MODEL #BSS 130, 165 GPH RECOVERY @90 DEGREE RISE. SET WATER HEATER TO 140 DEG MAX ENERGY FACTOR = 0.96
SINK					
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB	GC	
10995	1	SINK - MOP - 24X24IN 610X610MM	SB	GC	
12808	1	SINK - UTENSIL RINSE WITH GRATE SST - RH - 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	
X0035	2	SINK - D13	GC	GC	D13 INTEGRATED SINK SYSTEM. 30IN XLERATORSYNC SYSTEM WITH A SINGLE BASIN SINK WITH A PIVOT DRAIN COVER. GLACIER WHITE CORIAN COUNTER TOP AND ENCLOSURE PANELS. BASIN COLOR: D13 WHITE. ORDER WITH LOCKING SLIDING DOOR & SECURITY PANEL. CONTACT: D13 GROUP, 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM
TOILET					
12951	2	TOILET - TANKLESS EFFICIENT SINGLE FLUSH	GC	GC	SLOAN MODEL ST-2020-1.28 (1.28 GPF)
13040	2	TOILET - FLUSH VALVE AUTOMATIC EFFICIENT SINGLE FLUSH	GC	GC	CROWN MODEL 8111-1.28 FLUSHOMETER (1.28 GPF)



PAINT SCHEDULE - "PT"						
DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS	
SW6006	SW6006 BLACK BEAN, OR EQUIVALENT	4	GC	GC	TRIM AT ENTRY TO WORKROOM	
SW6101	SW6101 SANDS OF TIME, OR EQUIVALENT	39	GC	GC	PAINTED TECTUM PANELS AND GRIDS	
SW7031	SW7031 MEGA GREIGE, OR EQUIVALENT	37	GC	GC	RESTROOM CEILINGS.	
SW7748	SW7748 GREEN EARTH, OR EQUIVALENT	31	GC	GC	PAINTED WALL COVERING IN CAFE AND RESTROOM VESTIBULE.	
SW9094	SW9094 PLAYA ARENOSA, OR EQUIVALENT	60	GC	GC	NORTH CAFE WALL AND BACK BAR SOFFIT	

WALL TREATMENT (AREA) SCHEDULE - "Q"						
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
PLASTIC						
11469	1035 SF	FRP - WHITE	GC	GC	FULL HEIGHT FRP AT WORKROOM. MANUFACTURER: PARKLAND PLASTICS. CONTACT BRENDON EASH. PHONE (547) 312-1290. EMAIL: BRENDON.EASH@PARKLANDPLASTICS.CO M. PRODUCT PLAST-TEX NRP-HC. COLOR: WHITE.	
TILE						
20220	361 SF	TILE - LUNAR - TITANIUM - 24X24IN 600X600MM	SB	GC	GROUT: MAPEI - 111 SILVER GREY, OR EQUAL	
20243	141 SF	TILE - COLOR STUDIO - WHITE - BRICK MOSAIC - HORIZONTAL STACK - 12X12IN 300X300MM SHEET	SB	GC	GROUT: MAPEI - 111 SILVER GREY, OR EQUAL	
20247	418 SF	TILE - COLOR STUDIO - NIGHT - BRICK MOSAIC - VERTICAL STACK - 12X12IN 300X300MM SHEET	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL	
WALL COVERING						
17777	825 SF	WALL TEXTURE - TEXTURGLAS - TG11 SMALL HERRINGBONE	SB	GC	TO BE PAINTED SW7748	

WALL TREATMENT (LENGTH) SCHEDULE- "R"						
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
TRANSITION						
X0037	21' - 0"	CLEAR PLASTIC CORNER GUARD - 0.75IN 20MM	GC	GC	GC TO INSTALL FULL HEIGHT. PAINT INSIDE FACE TO MATCH ADJACENT WALL COLOR.	
WOOD TRIM						
X0039	56' - 0 1/4"	WOOD TRIM TRANSITION AT BACK BAR TILE - NOMINAL 1"x1" - WHITE OAK WD0073	SB	GC	MOUNTED PER INTERIOR ELEVATIONS. SERVES AS TRANSITION FOR BACKBAR TILE.BY CASEWORK VENDOR.	

WALL BASE SCHEDULE - "B"						
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
METAL BASE						
X0020	57' - 5 1/4"	METAL BASE - SCHULTER DILEX-AHK COVE	GC	GC	FINISH: SATIN NICKEL. SCHLUTER DILEX-AHK COVE	
TILE BASE						
19795	182' - 11 1/2"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	MANUFACTURER: ALLIED ECO-GRIP. PEWTER	
20215	144' - 0 1/2"	TILE BASE - FORMULA - UNION BLACK - 6X12IN 150X300MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL	

FLOOR TREATMENT SCHEDULE - "T"						
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
PLASTIC						
19795	844 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	MANUFACTURER: ALLIED ECO-GRIP. PEWTER	
TILE						
20255	1287 SF	TILE - VENICE VILLA - GRAPHITE - 24X24IN 600X600MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL	
WALK OFF MAT						
19288	21 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	SB	GC	ORDER WITH METAL FRAME FROM VENDOR	

GRAPHICS AND ARTWORK SCHEDULE - "G"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
GRAPHICS - ARTWORK						
16981	1	ART - MICHAEL HANSON - COLOMBIA 15 - BW	SB	GC	VENDOR: COLORCHROME. ART DID: 16981. ART SIZE: 2'-6"W X 4'0"H.FRAME DID: 324940, BLACK. MAT 2: 1-1/2" BORDER, CRESCENT RAGMAT MUSEUM SOLIDS, SAND DOLLAR 1126 81126.	
19150	1	ART - CREATIVE STUDIO - COSTA RICA 7 - BW	SB	GC	VENDOR: COLORCHROME. ART DID: 19150. ART SIZE: 2'-6"W X 4'0"H.FRAME DID: 324940, BLACK. MAT 2: 1-1/2" BORDER, CRESCENT RAGMAT MUSEUM SOLIDS, SAND DOLLAR 1126 81126.	
19174	1	ART - CREATIVE STUDIO - HACIENDA ALSACIA 2 - BW	SB	GC	VENDOR: COLORCHROME. ART DID: 19174. ART SIZE: 2'-6"W X 4'0"H.FRAME DID: 324940, BLACK. MAT 2: 1-1/2" BORDER, CRESCENT RAGMAT MUSEUM SOLIDS, SAND DOLLAR 1126 81126.	
19180	1	ART - CREATIVE STUDIO - HACIENDA ALSACIA 5 - BW	SB	GC	VENDOR: COLORCHROME. ART DID: 19180. ART SIZE: 2'-6"W X 4'0"H.FRAME DID: 324940, BLACK. MAT 2: 1-1/2" BORDER, CRESCENT RAGMAT MUSEUM SOLIDS, SAND DOLLAR 1126 81126.	
19832	1	ART - JOSHUA TRUJILLO - CHIAPAS 5 - BW	SB	GC	VENDOR: COLORCHROME. ART DID: 19832. ART SIZE: 2'-6"W X 4'0"H.FRAME DID: 324940, BLACK. MAT 2: 1-1/2" BORDER, CRESCENT RAGMAT MUSEUM SOLIDS, SAND DOLLAR 1126 81126.	
19852	1	ART - JOSHUA TRUJILLO - RWANDA 1 - BW	SB	GC	VENDOR: COLORCHROME. ART DID: 19852. ART SIZE: 2'-6"W X 4'0"H.FRAME DID: 324940, BLACK. MAT 2: 1-1/2" BORDER, CRESCENT RAGMAT MUSEUM SOLIDS, SAND DOLLAR 1126 81126.	
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		
X0023	1	COMMUNITY BOARD MAGNETIC WHITE OAK WD0073 - 48X36IN	SB	GC	3'x4' WD0073 FRAME COMMUNITY BOARD. VENDOR: COLORCHROME	

CASEWORK FINISH SCHEDULE				
LOCATION		DESCRIPTION	FINISH CODE	COMMENTS
COMPOSITE - BRUSHED DARK GREY				
COUNTERTOPS - ESPRESSO	COMPOSITE - BRUSHED DARK GREY	CP0057		
COUNTERTOPS - BACKBAR	COMPOSITE - BRUSHED DARK GREY	CP0057		
COUNTERTOPS - SHROUD	COMPOSITE - BRUSHED DARK GREY	CP0057		
COUNTERTOPS - FRONTBAR	COMPOSITE - BRUSHED DARK GREY	CP0057		
COMPOSITE - WHITE WITH VEINING				
COUNTERTOPS - CONDIMENT CART	COMPOSITE - WHITE WITH VEINING	CP0002		
METAL - FLAT BLACK POWDERCOAT				
CABINETS - DOOR PULL	METAL - FLAT BLACK POWDERCOAT	MT0028		
CABINETS - UNDERCOUNTER ICE BIN	METAL - FLAT BLACK POWDERCOAT	MT0028		
METAL - STAINLESS STEEL - BRUSHED				
CABINETS - CABINET LEG	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16G		
COUNTERTOPS - HAND SINK	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16G		
CABINETS - UNDERCOUNTER ICE BIN	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16G		
PLAM - MOTTLED BLACK				
CABINETS - UNDERCOUNTER	PLAM - MOTTLED BLACK	PL0019		
CABINETS - DT POS CUBBY	PLAM - MOTTLED BLACK	PL0019		
CABINETS - DT CUBBY	PLAM - MOTTLED BLACK	PL0019		
WOOD - WHITE OAK				
1" WOOD TRIM AROUND ARTWORK	WOOD - WHITE OAK	WD0073		
BACK BAR WOOD TRIM	WOOD - WHITE OAK	WD0073		
1" WOOD TRIM AT WORKROOM ENTRY	WOOD - WHITE OAK	WD0073		PAINTED SW6006
WOOD - WHITE OAK - MULTI-DEPTH PLANK - VERTICAL				
1" WOOD PANELS AT UNDERSIDE OF SOFFIT PORTAL	WOOD - WHITE OAK - MULTI-DEPTH PLANK - VERTICAL	WD0073 MAD100		TO SHIP LOOSE, SEE DETAILS FOR QUANTITY
WOOD - WHITE OAK - PLANK - HORIZONTAL				
CABINETS - CONDIMENT CART	WOOD - WHITE OAK - PLANK - HORIZONTAL	WD0073 MAD100-H		
WOOD - WHITE OAK - REVEAL SLAT - VERTICAL				
FINISH PANELS - FRONT BAR	WOOD - WHITE OAK - REVEAL SLAT - VERTICAL	WD0073 MAD200-V		
CAFE WALL CLADDING	WOOD - WHITE OAK - REVEAL SLAT - VERTICAL	WD0073 MAD200-V		TO SHIP LOOSE, SEE DETAILS FOR QUANTITY

LIGHTING FIXTURE SCHEDULE - "L"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EXIT						
11483	2	EXIT - SECURITY LIGHT WALL MOUNTED	LL	LL	HID 150W OR EQUAL	LITHONIA LIGHTING. TWP 150S TB OR APPROVED EQUAL
19044	4	LED EXIT SIGN WITH EMERGENCY LIGHT - WHITE AND RED	SB	GC	INTEGRATED LED	
19049	1	LED EXIT SIGN RECESSED - WHITE AND RED	SB	GC	INTEGRATED LED	
19056	4	LED EMERGENCY LIGHT DOUBLE - WHITE	SB	GC	INTEGRATED LED	
OTHER						
17796	5	STRING LIGHTS	SB	GC	INTEGRATED LED	POWER BY LANDLORD. THREE RUNS OF LIGHTS, TOTAL LENGTH REQUIRED: 77'-1".GC TO PROVIDE AIRLINE CABLE AND HOOKS AS NEEDED FOR MOUNTING.
RECESSED CAN						
19023	30	CAN - LED MOUNTING FRAME - 2IN 50MM - NEW CEILING	SB	GC		
19113	26	CAN - LED ADJUSTABLE GIMBAL WITH DRIVER - 2IN 50MM - WHITE - 1000LM NFL	SB	GC		
19120	4	CAN - LED DOWNLIGHT REFLECTOR WITH DRIVER SQUARE - 2IN 50MM - WHITE - 1000LM FLOOD	SB	GC		
SCONCE						
20711	6	SCONCE - HINKLEY ATLANTIS LARGE - BLACK	LL	LL	INTEGRATED LED	DOLAN HOSPITALITY MFR #376769 ATLANTIS OUTDOOR SCONCE
20741	2	SCONCE - KUZZO VEGA - 23IN 585MM - GOLD	SB	GC	INTEGRATED LED	
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		GC TO PROVIDE BLOCKING AND ELECTRICAL IN SOFFIT AS REQUIRED
X0016	1	SIGN - MOP SIGN - 4FT EXTENSION LEGS	SB	GC		TO BE CUT IN FIELD. ORDER WITH MOP SIGN DID 21163. VENDOR: WALTON.
STRIP						
14410	2	STRIP - LED TAPE - VARIABLE LENGTH - 315LM PER FT	SB	GC	INTEGRATED LED	LENGTH: 27'-0". FIELD TRIMMABLE TO 6IN LENGTHS
TRACK						
12934	1	TRACK - WITH CONNECTORS - 4FT 122CM - WHITE - 1 CIRCUIT	SB	GC		
12945	9	TRACK - WITH CONNECTORS - 12FT 365CM - WHITE - 1 CIRCUIT	SB	GC		
19071	8	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 900LM SPOT	SB	GC	INTEGRATED LED	
19072	13	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 600LM FLOOD	SB	GC	INTEGRATED LED	
19074	27	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 900LM FLOOD	SB	GC	INTEGRATED LED	
19087	48	TRACK - HEX CELL LOUVER - 2IN 50MM	SB	GC		
TROFFER						
15057	8	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4000LM	SB	GC	INTEGRATED LED	

CASEWORK SCHEDULE - "C"							
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	FINISH	
CABINET							
17573	1	CABINET - BACKBAR COUNTER SUPPORT PANEL - 3IN 75MM	SB	GC		PL0019	
17574	3	CABINET - BACKBAR SINK OR ICE - 15IN 380MM	SB	GC		PL0019	
17575	1	CABINET - BACKBAR SINK OR ICE - 20IN 510MM	SB	GC		PL0019	
17580	2	CABINET - CBE TEA SHELF - 29IN 735MM - FLAT BLACK MT0028	SB	GC	NOT PROVIDED BY CASEWORK VENDOR.	MT0028	
17581	1	CABINET - CBE DRY INCLUSION SHELF - 23IN 585MM - FLAT BLACK MT0028	SB	GC	NOT PROVIDED BY CASEWORK VENDOR.	MT0028	
17740	2	CABINET - BACKBAR - 30IN 760MM	SB	GC		PL0019	
17741	7	CABINET - BACKBAR 15IN 380MM	SB	GC		PL0019	
17743	1	CABINET - DT POS - 30IN 760MM	SB	GC		PL0019	
17744	1	CABINET - FRONTBAR POS BRIDGE - 22IN 560MM	SB	GC		PL0019	
17745	1	CABINET - BACKBAR DRAWER - 15IN 380MM	SB	GC		PL0019	
17747	2	CABINET - BACKBAR TRASH - 15IN 380MM	SB	GC		PL0019	
18060	1	CABINET - FRONTBAR POS CUBBY - 15IN 380MM	SB	GC		PL0019	
18122	2	CABINET - BACKBAR SINK OR ICE - 16IN 405MM	SB	GC		PL0019	
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC		PL0019	
21189	2	CABINET - FRONTBAR - 15IN 380MM	SB	GC		SST	
21191	1	CABINET - FRONTBAR DRAWER - 15IN 380MM	SB	GC		PL0019	
21192	2	CABINET - FRONTBAR POS - 30IN 760MM	SB	GC		PL0019	
21193	2	CABINET - ESPRESSO CUBBY WITH OPEN BACK - 18IN 455MM	SB	GC		PL0019	
X0006	1	CABINET - DT POS UPPER CUBBY W DOORS	SB	GC	SEE DETAILS	PL0019	
X0017	1	CABINET - DT UPPER CUBBY W DOORS	SB	GC	SEE DETAILS	PL0027	
CAFE							
20131	1	CONDIMENT CART THREE DROP - WHITE OAK AND WHITE WD0073 CP0002	SB	GC	NOT PROVIDED BY CASEWORK VENDOR.	WD0073 CP0002	
20383	2	FREESTANDING INLINE 2 UNIT SHORT - 72IN 1830MM - WHITE OAK WD0073	SB	GC	NOT PROVIDED BY CASEWORK VENDOR.	WD0073	
COUNTERTOP							
17809	2	COUNTERTOP - HAND SINK WITH LOW SPLASH STAINLESS - 15IN 380MM	SB	GC		SST	
17830	1	COUNTERTOP - POS - 82IN 2085MM	SB	GC		CP0057	
18871	1	COUNTERTOP - FRONTBAR - 18IN 455MM	SB	GC		CP0057	
19711	1	COUNTERTOP - WARMING - RF - 75IN 1905MM	SB	GC		CP0057	
20050	1	COUNTERTOP - BACKBAR NITRO - LH - 30IN 760MM	SB	GC		CP0057	
20062	1	COUNTERTOP - ESPRESSO METRO - LF - 139IN 3530MM	SB	GC		CP0057	
20063	1	COUNTERTOP - FRONTBAR CAP - 139IN 3530MM	SB	GC		CP0057	
21759	1	COUNTERTOP - CBE WITH RINSE SINK - LF - 112IN 2845MM	SB	GC		CP0057	
X0003	1	COUNTERTOP - AT PASTRY CASE - 8 1/2" WIDTH	SB	GC	SEE DETAILS	CP0057	
X0008	1	COUNTERTOP - DT POS - LF	SB	GC	SEE DETAILS	CP0057	
X0009	1	COUNTERTOP - FUTURE EQUIPMENT	SB	GC	SEE DETAILS	CP0057	
X0015	1	COUNTERTOP - AT DT	SB	GC	SEE DETAILS	CP0057	
X0025	1	COUNTERTOP - FRONTBAR MOP PLANAR - LF	SB	GC	SEE DETAILS	CP0057	
X0046	1	COUNTERTOP - BREW WITH TRASH DROP - RF	SB	GC	SEE DETAILS	CP0057	
DIEWALL							
17831	1	DIEWALL - POS - 82IN 2085MM	SB	GC		N/A	
18872	1	DIEWALL - HANDOFF INLINE - 18IN 455MM	SB	GC		N/A	
20064	1	DIEWALL - ESPRESSO - 139IN 3530MM	SB	GC		N/A	
X0041	1	MOP DIEWALL - 78 3/4"	SB	GC	SEE DETAILS	N/A	
X0047	1	DIEWALL - AT PASTRY CASE	SB	GC	SEE DETAILS	PL0019	
FIT KIT							
17894	1	FIT KIT - CABINET FILLER PANEL	SB	GC	LENGTH: 9 3/4"	PL0019	
OTHER							
11142	2	CORBEL SUPPORT - 24IN 610MM	SB	GC		SST	
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 25X525MM	SB	GC		PL0019	
17829	2	FRENCH CLEAT - VARIABLE LENGTH	SB	GC	2,3'-2" AND 2'-5"	PL0019	
18145	1	COUNTERTOP SUPPORT LEG	SB	GC		SST	
20066	1	SHROUD - 139IN 3530MM	SB	GC		CP0057	
20067	1	SNEEZE GUARD - 139IN 3530MM	SB	GC		GLASS	
20633	1	COUNTERTOP SUPPORT LEG SLIM	SB	GC		SST	
X0001	1	WOOD CLADDING AT CONDIMENT CART AREA	SB	GC	SEE DETAILS	WD0073 MAD200	
X0012	1	CORIAN SILL AT DT WINDOW	SB	GC	SEE DETAIL	CP0057	
X0013	1	CORIAN WINDOW SILL AT SIDE WINDOW	SB	GC	SEE DETAIL	CP0057	
X0018	1	CLADDING AT CONDIMENT CART PORTAL OPENING SIDES	SB	GC	SEE DETAILS	WD0073 MAD 100 V	
X0019	1	1" PAINTED WOOD TRIM AT WORKROOM ENTRY	SB	GC	SEE DETAIL	WD0073 PAINTED SW6006	
X0021	1	WOOD CLADDING AT ARTWORK WALL	SB	GC	SEE DETAIL	WD0073 MAD200	
X0022	1	1" WOOD TRIM AROUND ARTWORK WALL	SB	GC	SEE DETAILS	WD0073	
PANEL							
17832	1	PANEL - 82IN 2085MM	SB	GC		WD0073 MAD 200 V	
18873	1	PANEL - 18IN 455MM	SB	GC		WD0073 MAD200	
20065	1	PANEL - 139IN 3530MM	SB	GC		WD0073 MAD 200 V	
X0005	1	PANEL - END CAP - RF	SB	GC	SEE DETAILS	WD0073 MAD200	
X0040	1	PANEL - MOP	SB	GC	SEE DETAILS	WD0073 MAD 200 V	



CEILING TREATMENT SCHEDULE - "U"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
ACOUSTICAL CEILING TILE					
11302	319 SF	ACT VINYL- 2x4'	GC	GC	ARMSTRONG, MODEL: CLEAN ROOM VL 2X4 (NONPERFORATED) COLOR: WHITE, EDGE PROFILE: SQUARE LAY-IN, ITEM#870
X0010	892 SF	CEILING TILE 2X2FT - TECTUM PANELS - PAINTED	GC	GC	ARMSTRONG TECTUM PANELS 2X2FT 1" THICK VERTICAL LINE DESIGN, PROVIDE GRID. PAINT TILES AND GRID SW6101. TEGULAR EDGE 15/16 PRELUDE EXPOSED TEE GRID. 8-WEEK LEAD TIME.


EXTERIOR SIGNAGE SCHEDULE - "S"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
SIGNAGE - DISK					
13182	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 71IN 1805MM	SB	GC/ HILTON	LL TO PROVIDE BLOCKING AND CONDUIT AS REQUIRED
13184	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	GC/ HILTON	LL TO PROVIDE BLOCKING AND CONDUIT AS REQUIRED
SIGNAGE - DRIVE THRU					
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE, FOOTING, ANCHOR BOLT AND CONDUIT
14106	1	SIGN - DT CLEARANCE BAR ARROW SERIES FREESTANDING	SB	GC	GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE, FOOTING AND ANCHOR BOLT
SIGNAGE - OTHER					
19388	3	SIGN - 10 MINUTE PARKING	SB/LL	GC	FOOTING AND POST BY LL, SIGN BY VENDOR (TUBE ART). GC TO INSTALL.
SIGNAGE - PYLON DISK					
X0044	1	MONUMENT SIGN	SB	GC/ LL	LL TO PROVIDE BASE SIGN, FOOTING, ANCHOR BOLTS AND CONDUITS. SIGN PANELS BY SBUX VENDOR
SIGNAGE - WORDMARK					
X18498	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 20IN 510MM	SB	GC/ HILTON	WORDMARK COLOR GREEN: LL TO PROVIDE CONDUIT AND BLOCKING AS REQUIRED

STOREFRONT SCHEDULE					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
WINDOW					
14077	1	WINDOW - DT NO TRANSOM - 48X60IN 1205X1510MM - STANDARD GLASS	LL	LL	READY ACCESS WINDOW 275 PASS THRU. CONTACT: ANNA ELLIS, ANNA@READY-ACCESS.COM. FINISH TO MATCH LL STOREFRONT.

RESPONSIBILITY  
LEGEND

GC GENERAL CONTRACTOR  
LL LANDLORD  
SB STARBUCKS

FINAL BID/PERMIT SET - 09.04.2020




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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**



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Engineering Consultant



SIGNED: 09.04.2020  
EXPIRES: 12.31.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
**155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY**

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: NORR

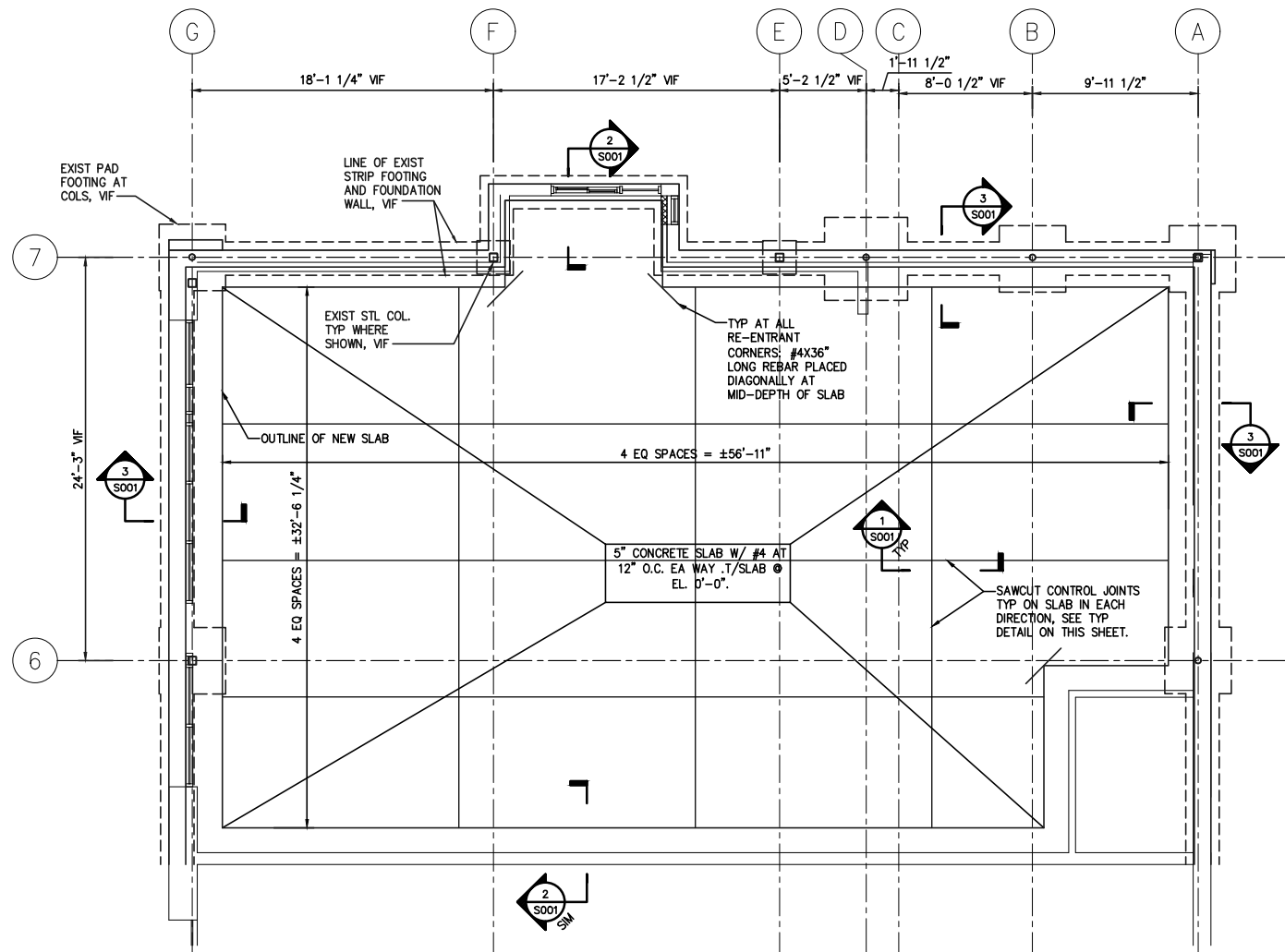
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**SCHEDULES**

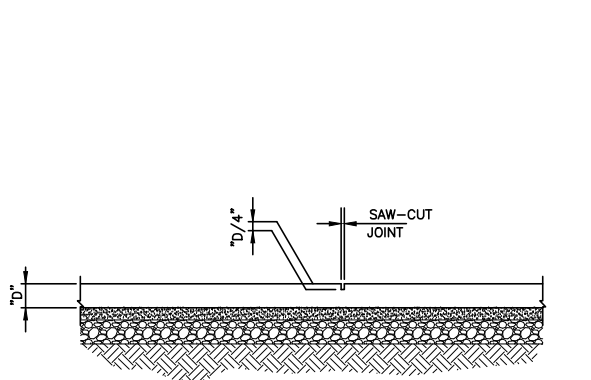
SCALE: AS SHOWN

SHEET NUMBER:  
**1603**



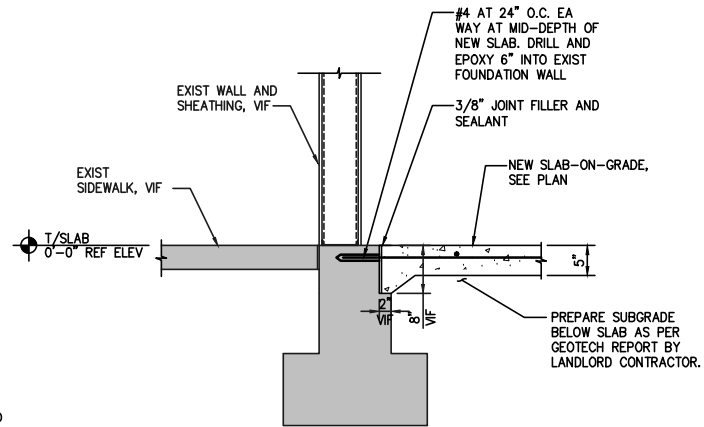


PARTIAL EXISTING FOUNDATION PLAN  
3/16"=1'-0"

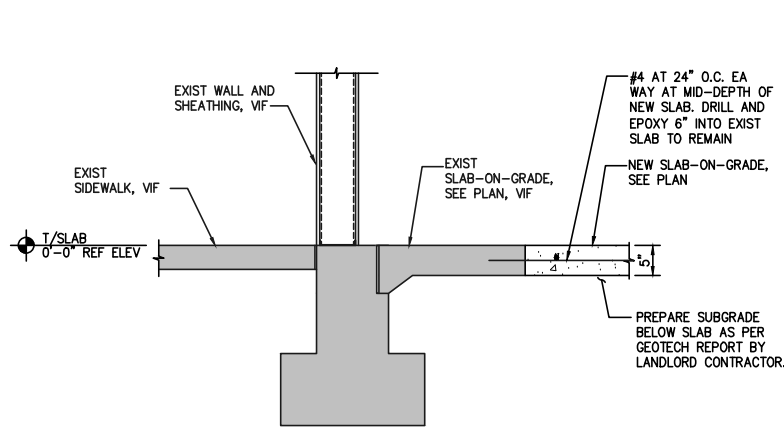


NOTE: THE SAW CUTTING SHALL BE DONE WITHIN 8 HOURS TO PREVENT UNCONTROLLED CRACKING OF THE SLAB. WHEN THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT CUTTING WITHOUT CHIPPING, SPALLING OR TEARING

1 TYP. CONTROL JOINT  
3/4" = 1'-0"



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



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

GENERAL STRUCTURAL NOTES

- GOVERNING CODE: 2015 INTERNATIONAL BUILDING CODE.
- LOADS:
  - FLOOR LIVE LOAD - 100 PSF
- FIELD VERIFY ALL DIMENSIONS PRIOR TO FINAL DETAILING AND FABRICATION. IF ANY EXIST. CONDITION IS NOT AS SHOWN, CONTACT A/E BEFORE PROCEEDING WITH WORK.
- EXISTING STRUCTURE IS ASSUMED TO BE IN GOOD CONDITION. NOTIFY STRUCTURAL ENGINEER IF ANY STRUCTURAL MEMBERS ARE FOUND TO BE DAMAGED IN ANY WAY BEFORE PROCEEDING WITH ANY WORK ON DAMAGED MEMBER.
- CONTRACTOR SHALL SUPPORT, BRACE AND SECURE EXISTING STRUCTURE AS REQUIRED TO INSTALL NEW WORK. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF THE EXISTING BUILDING DURING CONSTRUCTION.
- SPECIAL INSPECTIONS SERVICES SHALL BE PROVIDED BY A QUALIFIED AGENCY ON ALL ITEMS REQUIRED BY THE LOCAL BUILDING CODE.
- EXISTING STRUCTURAL INFORMATION HAS BEEN TAKEN FROM STRUCTURAL DRAWINGS AND HAS NOT BEEN VERIFIED IN FIELD. VERIFY ALL EXISTING CONDITIONS THAT AFFECT NEW CONSTRUCTION IN FIELD PRIOR TO BID.

CONSTRUCTION AND SAFETY

- ERECTOR SHALL PROVIDE TEMPORARY BRACING FOR THE ENTIRE STRUCTURE UNTIL PERMANENT BRACING IS INSTALLED AND FUNCTIONING AS THE DESIGNED UNIT.
- THE ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OF CONSTRUCTION SELECTED BY THE CONTRACTOR.
- THE ERECTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY.

FOUNDATIONS

- THE FOUNDATION DESIGN OF THIS BUILDING ADDITION WAS BASED ON THE FOLLOWING CRITERIA:
  - MINIMUM ALLOWABLE SOIL BEARING CAPACITY = 2000 PSF(ASSUMED)
- EXISTING SLAB-ON-GRADE SHALL BE SAWCUT AND REMOVED WITHOUT DISTURBING UNDERLYING BASE COURSE. NEW SLAB SHALL ONLY BE POURED AFTER VERIFYING A MINIMUM 4" THICK COMPACTED GRANULAR BASE ANDS VAPOR BARRIER AS NOTED ON PLANS AND DETAILS

CONCRETE CONSTRUCTION

- CAST-IN-PLACE CONCRETE WORK SHALL CONFORM TO THE LATEST EDITIONS OF:
  - AMERICAN CONCRETE INSTITUTE CODES AND STANDARDS, INCLUDING BUT NOT LIMITED TO, ACI 301 (AS MODIFIED IN THE PROJECT MANUAL), ACI 305.1, ACI 315, ACI 318 AND SP-15.
  - CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE".
- CONCRETE SHALL HAVE THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS: (SUBMIT CONCRETE MIXES FOR APPROVAL IN ACCORDANCE WITH ACI301 BEFORE PLACING ANY CONCRETE)
- ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615, A-616, A-617 GRADE 60.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 DELIVERED IN FLAT SHEETS.
- CONTRACTOR SHALL REVIEW ALL DRAWINGS FOR SIZE AND LOCATION OF EMBEDDED ITEMS, SLEEVES, SLAB DEPRESSIONS, OPENINGS, ETC. REQUIRED BY OTHER TRADES. RECONCILE THEIR EXACT SIZES AND LOCATIONS BEFORE PROCEEDING WITH THE WORK. ALL ITEMS SHALL BE FURNISHED AND INSTALLED PRIOR TO PLACEMENT OF CONCRETE. SECURE THE APPROVAL OF THE STRUCTURAL ENGINEER PRIOR TO PLACING OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- COMPLY WITH ARCHITECTURAL DRAWINGS FOR LOCATION AND EXTENT OF SPECIAL FINISHES OR TREATMENTS TO EXPOSED CONCRETE.
- PROVIDE #4x3'-0" AT MID DEPTH PERPENDICULAR TO ANY DISCONTINUOUS CONTROL JOINTS.



**STARBUCKS®**  
2401 UTAH AVENUE SOUTH  
SEATTLE, WASHINGTON 98134  
(206) 318-1575

THESE DRAWINGS AND THE PROJECT MANUAL ARE CONFIDENTIAL AND SHALL REMAIN THE SOLE PROPERTY OF STARBUCKS CORPORATION, WHICH IS THE OWNER OF THE COPYRIGHT IN THIS WORK. THEY SHALL NOT BE REPRODUCED (IN WHOLE OR IN PART), SHARED WITH THIRD PARTIES OR USED IN ANY MANNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT WITHOUT THE PRIOR WRITTEN CONSENT OF STARBUCKS CORPORATION. THESE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO EXPRESS DESIGN INTENT FOR A PROTOTYPICAL STARBUCKS STORE (WHICH IS SUBJECT TO CHANGE AT ANYTIME) AND DO NOT REFLECT ACTUAL SITE CONDITIONS. NEITHER PARTY SHALL HAVE ANY OBLIGATION, NOR LIABILITY TO THE OTHER (EXCEPT STATED ABOVE) UNTIL A WRITTEN AGREEMENT IS FULLY EXECUTED BY BOTH PARTIES.

STARBUCKS TEMPLATE VERSION I2020-01-31



Rubix Consultants, LLC  
2216 W. Leland Ave, #1  
Chicago, IL 60625  
(312) 602 5411



SIGNED/SEALED : 09/03/2020

FINAL BID/PERMIT SET - 09.04.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 08-26-2020  
SR. DESIGN MANAGER:  
PRODUCTION DESIGNER: MB  
CHECKED BY: AP

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**FOUNDATION PLAN  
& DETAILS**  
SCALE: AS SHOWN

SHEET NUMBER:  
**S001**



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
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
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HR	HOOR
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
LCP	LIGHTING CONTROL PANEL
LL	LANDLORD
LS	LIGHT SENSOR PHOTOCCELL
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
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

ⓐ	JUNCTION BOX	⌀	RECEPTACLE: DUPLEX
\$	SWITCH	⌀	RECEPTACLE: DUPLEX - ISOLATED GROUND WITH INTEGRAL SURGE PROTECTION
\$₳	THREE-WAY SWITCH	⏏	RECEPTACLE: QUAD
\$⓪	MOTION (OCCUPANCY) SENSOR SWITCH	⏏	RECEPTACLE: QUAD - ISOLATED GROUND WITH INTEGRAL SURGE PROTECTION
Ⓢ	SWITCHBACK	⌀	RECEPTACLE: HIGH VOLTAGE
▼	TELEPHONE	⏏	RECEPTACLE: FLOOR DUPLEX
Ⓣ	THERMOSTAT	⏏	RECEPTACLE: CEILING DUPLEX
Ⓢ	SPEAKER	⏏	GROUNDING ELECTRODE CONNECTION
⌀	DIMMER SWITCH	NL	NIGHTLIGHTING 24HR/DAY
Ⓢ	RECEPTACLE: DATA	Ⓟ	PHOTOELECTRIC CELL
⏏	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.	Ⓢ	WIFI ACCESS POINT
		Ⓢ	CARBON MONOXIDE DETECTOR

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 COORDINATE INSTALLATION OF INTERMATIC TIMECLOCK, INSTALLATION OF LIGHTING CONTRACTOR AND COMMISSIONING WITH ELECTRICAL CONTRACTOR PRIOR TO THE LAST WEEK OF CONSTRUCTION.

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 MULT-OCCUPANT RESTROOM UNLESS JURISDICTION REQUIREMENTS STATE OTHERWISE.

COORDINATE WITH DRAWINGS AND MANUFACTUERE FOR DEVICE LOCATIONS.

THE GENERAL CONTRACTOR IS TO COMPLETE FINAL CONNECTION AFTER DATA RACK AND NETWORK INSTALLATION.

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:

- SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES;
- PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA;
- CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS. CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:
  - 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, AIR CURTAINS, BUILT-IN REFRIGERATION EQUIPMENT, AND RENEWABLE ENERGY SYSTEMS.
  - 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.
  - 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.
  - 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.
  - 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.
  - 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.
  - 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.
  - 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.
  - 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.
  - 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:

- MEET TO PLAN SECURITY CABLE PULL WITH SECURITY CABLE INSTALLER PRIOR TO DRYWALL INSTALLATION.
- SECURITY CABLE INSTALLER PULLS SECURITY CABLES, MOUNTS PANEL, KEYPAD AND SENSORS.
- SECURITY EQUIPMENT INSTALL OF CAMERA, NVR AND MONITOR.
- 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

- 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.
- 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.
- 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.
- 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.
- 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 ("CAFE", "FRONT BAR", ETC.). PROVIDE INSULATED BUSHINGS ON ALL STUBBED-UP AND EXPOSED CONDUIT ENDS.
- 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.
- 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.
- 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 RECESSED 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, UL, 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.

FINAL BID/PERMIT SET - 09.04.2020




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STARBUCKS TEMPLATE VERSION i2020-01-31


**NORR**



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Engineering Consultant

129-20



PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE**  
**RT. 291 & 150**

PROJECT ADDRESS:  
**155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY**

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: JAK/BMS/CJS

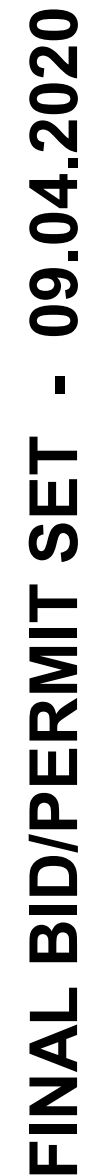
Revision Schedule				
Rev	Date	By	Description	

SHEET TITLE:  
**ELECTRICAL NOTES**

SCALE: AS SHOWN

SHEET NUMBER:  
**E001**

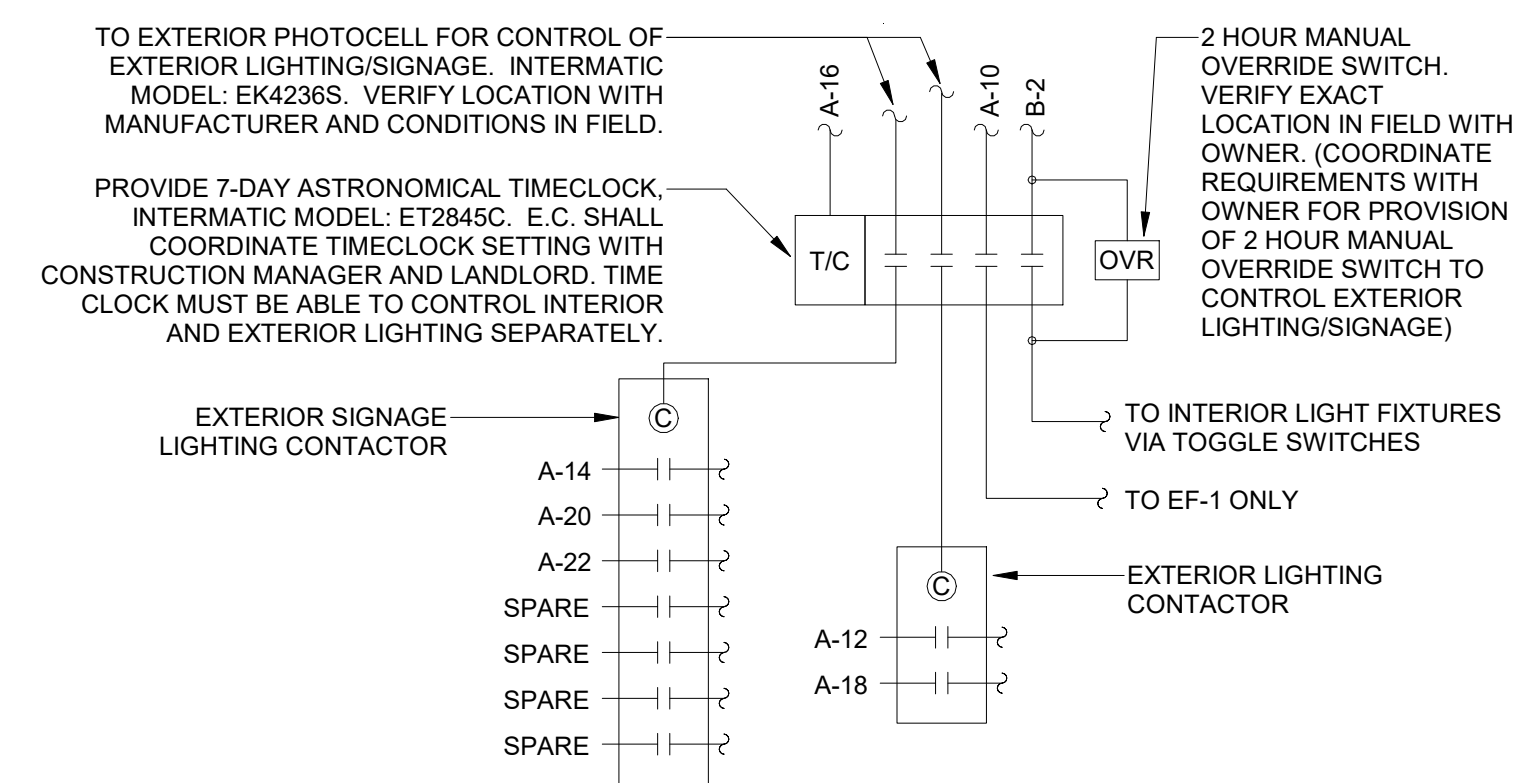






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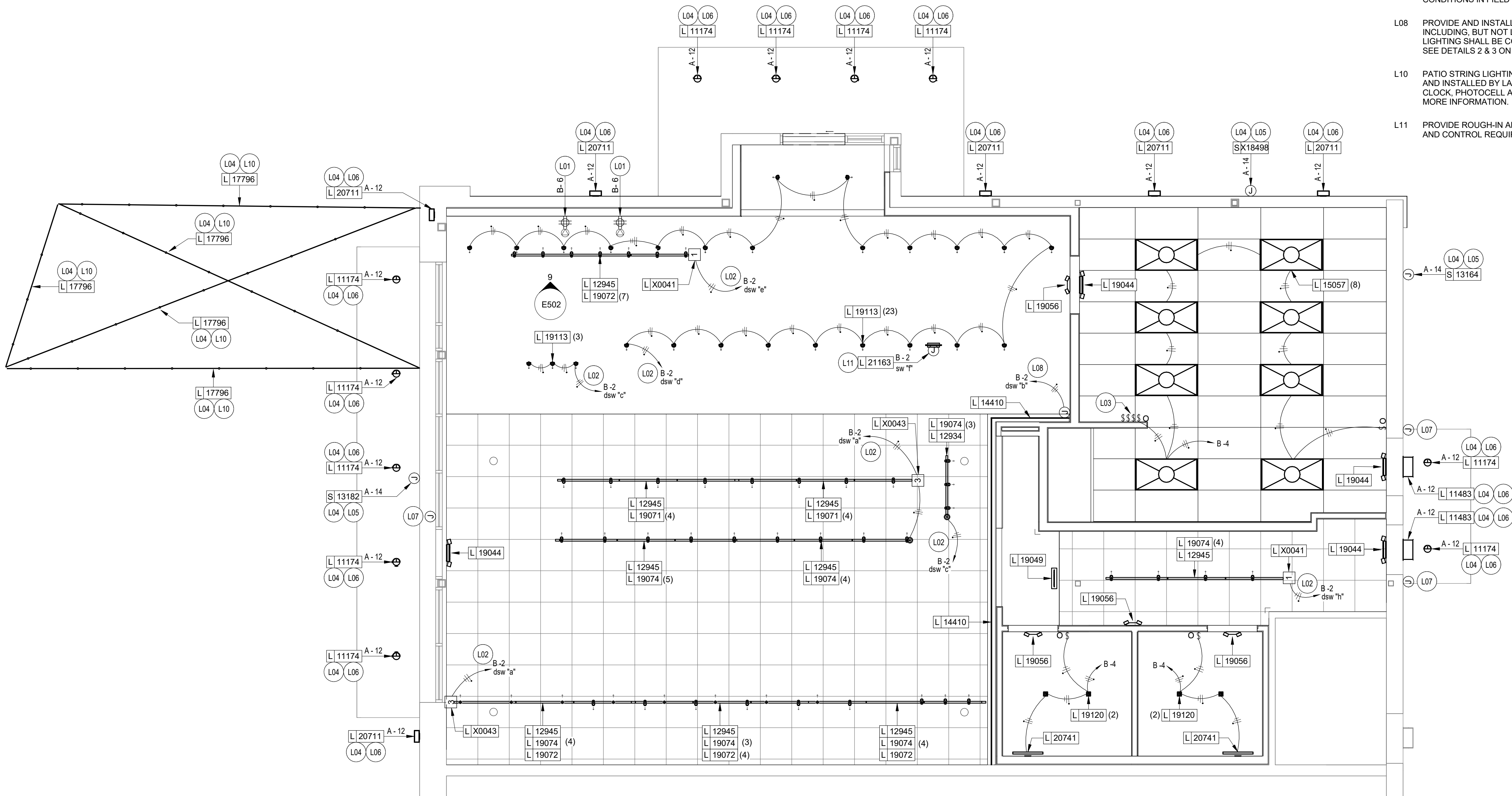


## 2 LIGHTING CONTROL DIAGRAM

SCALE: NTS

### EGRESS LIGHTING GENERAL 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.
- C. 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.
  - 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 REQUIRED BY CODE IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
  - 5) EXTERIOR LANDINGS, AS REQUIRED BY CODE, 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.



# 1 LIGHTING PLAN

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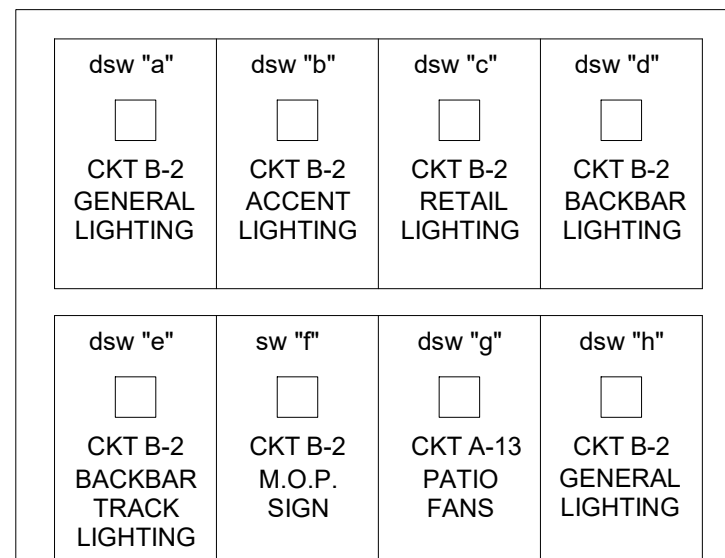
1/4" = 1'-0'

## LIGHTING PLAN GENERAL NOTES

- A. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED FIXTURE LOCATIONS.
- B. 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.
- C. PROVIDE GROMMET AT ALL CEILING PENETRATIONS FOR FIXTURES/SUPPORTS.
- D. CENTER EMERGENCY/EXIT LIGHTS ABOVE DOORS, UNLESS OTHERWISE NOTED.
- E. ADJUST FOCUS OF ALL TRACK AND RECESSED DIRECTIONAL LIGHTING TO FULLY ILLUMINATE ALL ARTWORK, MENU BOARDS, AND MERCHANDISE BAYS.
- F. IF PENDANT CYLINDERS CAN SUSPENDED LENGTH EXCEEDS 48" (1220MM) FROM CEILING, REPLACE WITH SURFACE MOUNTED CYLINDER CANS AND SUSPEND WITH GENERAL CONTRACTOR SUPPLIED CONDUIT AND J-BOX TO DIMENSIONED HEIGHT.
- G. CONTRACTOR SHALL FURNISH AS-BUILTS DRAWINGS FOR ELECTRICAL POWER SYSTEMS WITHIN 30 DAYS OF SYSTEM ACCEPTANCE.
- H. CONTRACTOR TO FURNISH OPERATIONS AND MAINTENANCE INSTRUCTIONS FOR SYSTEMS AND EQUIPMENT TO THE BUILDING OWNER OR DESIGNATED REPRESENTATIVE UPON COMPLETION.
- I. CONTRACTOR TO VERIFY LIGHTING SYSTEMS HAVE BEEN TESTED TO ENSURE PROPER CALIBRATION, ADJUSTMENT, PROGRAMING, AND OPERATION.
- J. ALL EMERGENCY LIGHTING TO BE CIRCUITED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING OR TIMECLOCK CONTROLS UNLESS NOTED OTHERWISE.
- K. ALL EXIT SIGNS TO BE ON DEDICATED CIRCUIT INDICATED ON PLAN.

### LIGHTING PLAN KEYED NOTES

- L01 PROVIDE QUADPLEX RECEPTACLES AND DUAL DATA CONNECTIONS BEHIND MENUBOARD. DATA LINES SHALL RUN FROM MENUBOARD PORT TO DATA RACK AT MANAGER'S DESK. REFER TO DETAIL INDICATED FOR ADDITIONAL INFORMATION. FIELD VERIFY EXACT MOUNTING HEIGHT AND LOCATION WITH GENERAL CONTRACTOR PRIOR TO COMMENCING WORK.
- L02 INTERIOR LIGHTING FIXTURES SHALL BE CONTROLLED VIA SWITCH BANK AND ASTRONOMICAL TIME CLOCK. SEE DETAILS 2 & 3 ON THIS SHEET FOR MORE INFORMATION. VERIFY EXACT LOCATION WITH OWNER PRIOR TO COMMENCING WORK. TIME CLOCK SHALL BE LOCATED ADJACENT TO ELECTRICAL PANELS. FURNISH AND INSTALL ALL CONDUIT, WIRE, CONNECTIONS AND TIME CLOCK MODULES NECESSARY TO INSURE A FUNCTIONAL TIME CLOCK SYSTEM.
- L03 LOCATION OF SWITCH BANK SHOWN FOR REFERENCE ONLY. COORDINATE EXACT LOCATION FOR SWITCH BANK WITH GENERAL CONTRACTOR PRIOR TO COMMENCING WORK.
- L04 CIRCUIT SERVING EXTERIOR SIGNAGE/LIGHTING SHALL BE CONTROLLED BY ASTRONOMICAL TIME CLOCK, PHOTOCELL AND LIGHTING CONTACTOR. TIME CLOCK SHALL BE LOCATED ADJACENT TO ELECTRICAL PANELS. VERIFY LOCATION OF PHOTOCELL WITH MANUFACTURER. FURNISH AND INSTALL ALL CONDUIT, WIRE, CONNECTIONS AND TIME CLOCK MODULES NECESSARY TO INSURE A FUNCTIONAL TIME CLOCK SYSTEM IF LANDLORD PROVIDED SYSTEM IS NOT ADEQUATE. SEE DETAIL 2 ON THIS SHEET FOR MORE INFORMATION.
- L05 E.C. SHALL PROVIDE ROUGH-IN AND FINAL CONNECTION TO STOREFRONT SIGN. FIELD VERIFY EXACT MOUNTING HEIGHT AND LOCATION WITH OWNER PRIOR TO COMMENCING WORK AND/OR PLACING BID. PROVIDE ALL CONNECTIONS AND EQUIPMENT NECESSARY TO MEET ALL LOCAL CODES AND SIGNAGE REQUIREMENTS. REUSE WITH SIGN VENDOR AND LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO COMMENCING WORK. REUSE EXISTING CONDUIT AND PENETRATIONS PROVIDED BY LANDLORD WHERE POSSIBLE. VERIFY WITH CONDITIONS IN FIELD.
- L06 LANDLORD TO PROVIDE, CIRCUIT AND INSTALL EXTERIOR LIGHT FIXTURE. VERIFY ANY ADDITIONAL WORK REQUIRED INCLUDING CONNECTION TO STARBUCKS TIMECLOCK SYSTEM.
- L07 PROVIDE AND INSTALL EXTERIOR EGRESS LIGHTING IF NOT EXISTING BY LANDLORD. REUSE EXISTING EGRESS LIGHTING PROVIDED BY LANDLORD AND CONNECT TO NEW EXIT/EMERGENCY LIGHT IF COMPATIBLE, PROVIDE NEW IF NECESSARY. VERIFY WITH CONDITIONS IN FIELD PRIOR TO COMMENCING WORK.
- L08 PROVIDE AND INSTALL ALL EQUIPMENT NECESSARY FOR LED TAPE LIGHTING IN SOFFIT INCLUDING, BUT NOT LIMITED TO, LED DRIVER AND ADDITIONAL CONNECTIONS. LIGHTING SHALL BE CONTROLLED VIA SWITCH BANK AND ASTRONOMICAL TIME CLOCK. SEE DETAILS 2 & 3 ON THIS SHEET FOR MORE INFORMATION.
- L10 PATIO STRING LIGHTING TO BE POWERED BY WALL MOUNTED RECEPTACLE PROVIDED AND INSTALLED BY LANDLORD. LIGHTING TO BE CONTROLLED BY ASTRONOMICAL TIME CLOCK, PHOTOCELL AND LIGHTING CONTACTOR. SEE DETAIL 2 ON THIS SHEET FOR MORE INFORMATION.
- L11 PROVIDE ROUGH-IN AND FINAL CONNECTION TO MOP SIGN. VERIFY EXACT ROUGH-IN AND CONTROL REQUIREMENTS WITH OWNER AND EQUIPMENT PROVIDED IN FIELD.



NOTES:

- sw: SWITCH
- dsw: DIMMER SWITCH
- COORDINATE FINAL SWITCH BANK LOCATION WITH OWNER.
- INDICATE EACH SWITCH WITH PERMANENT LABEL PER CODE
- VERIFY SWITCH COMPATIBILITY WITH MANUFACTURER



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STARBUCKS TEMPLATE VERSION i2020-01-31

# NORR



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Engineering Consultant

129-20



PROJECT NAME:  
**BUILDOUT OF STARBUCKS**

RT. 291 & 150

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #:	63039
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ISSUE DATE:	09-04-2020
SR. DESIGN MANAGER:	K. GORIN-S
PRODUCTION DESIGNER:	A. MAUSER
CHECKED BY:	JAK/BMS/C

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**LIGHTING PLAN**

SCALE: AS SHOWN

SHEET NUMBER

E102

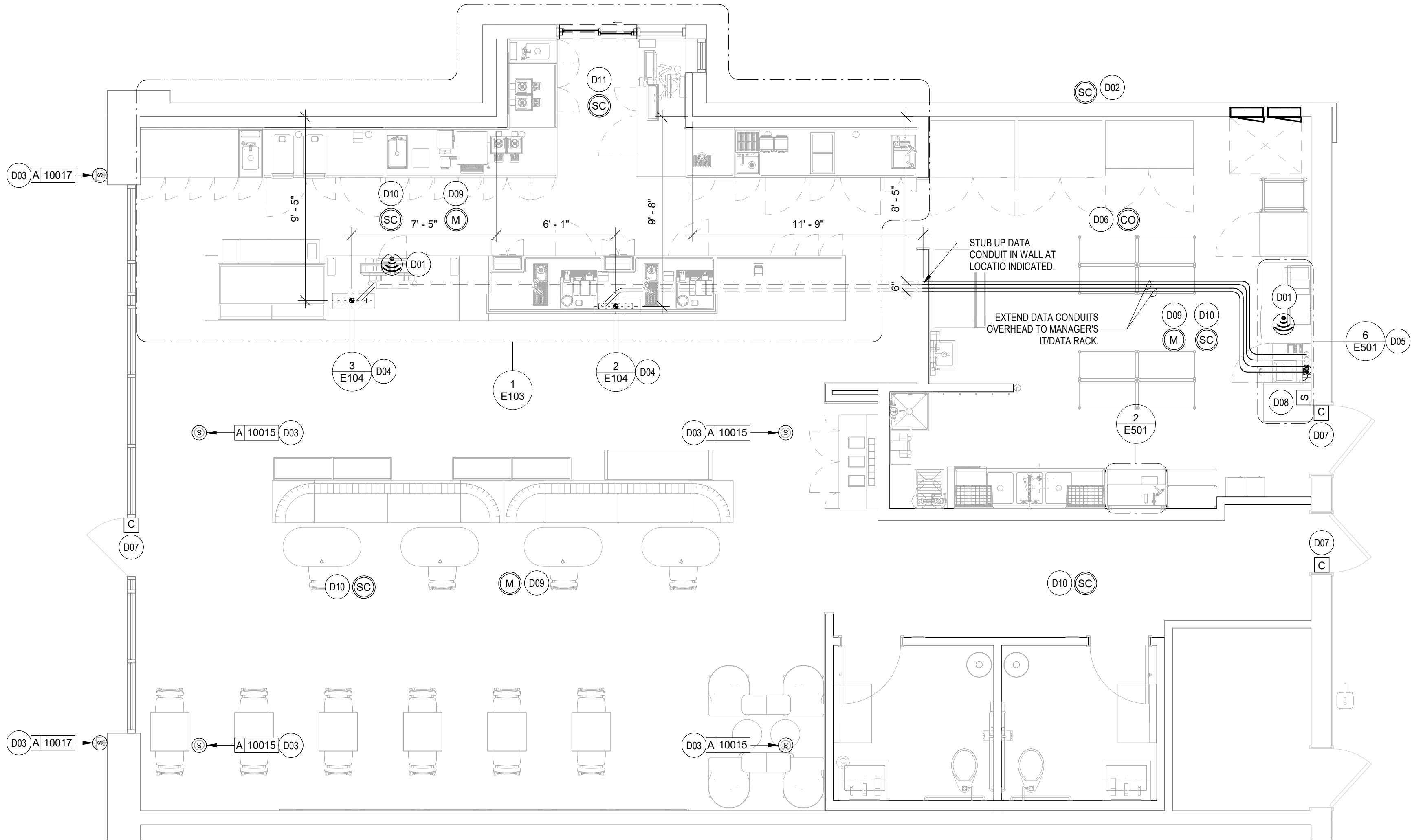






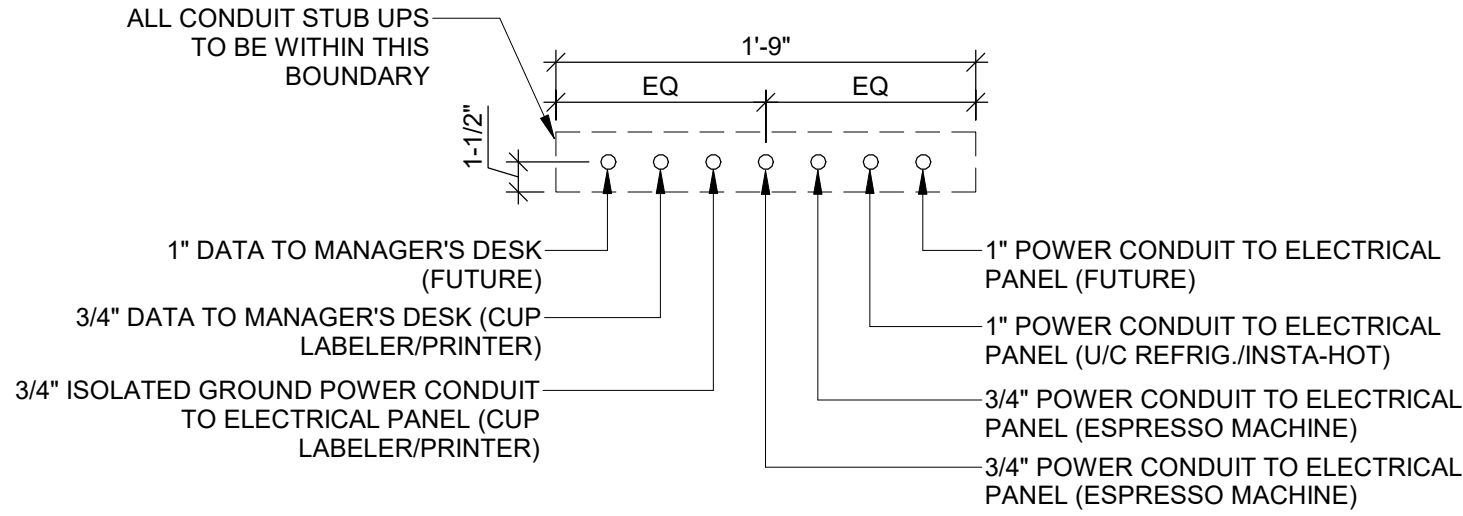
# 1 DATA DEVICE PLAN

1/4" = 1'-0"



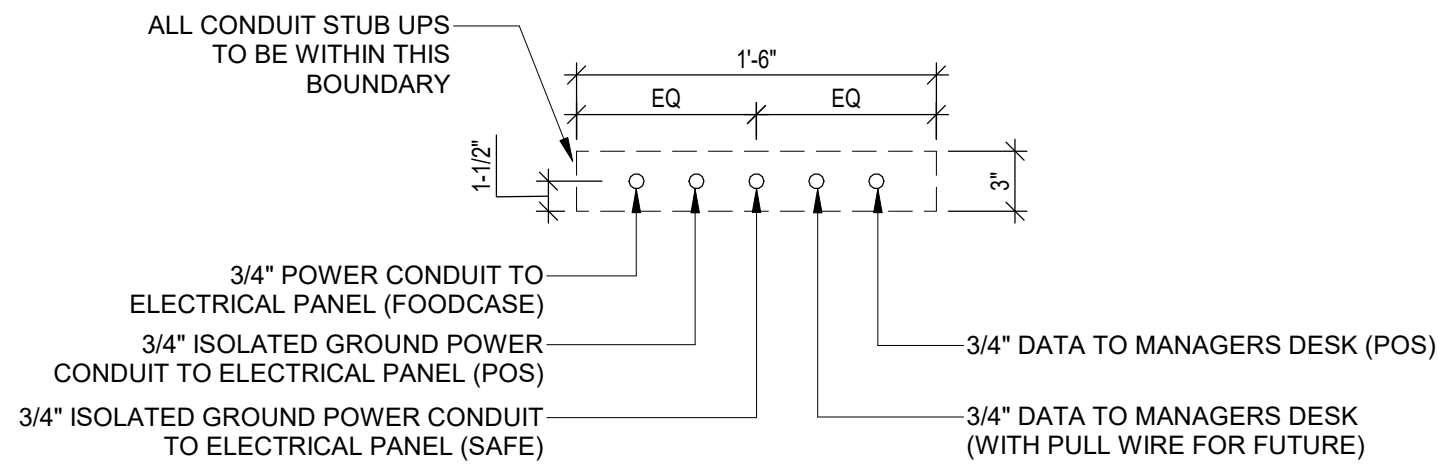
## 2 ELECTRICAL STUB UP DETAIL - ESPRESSO

SCALE: NTS



## 3 ELECTRICAL STUB UP DETAIL - POS

SCALE: NTS



### DATA PLAN KEYED NOTES

- D01 CEILING MOUNTED WIRELESS ACCESS POINT (WAP). PROVIDE ROUGH-IN FOR WAP AND CAT6 CABLE FROM EQUIPMENT RACK PATCH PANEL AT MANAGERS DESK TO WAP LOCATION. PROVIDE ROUGH-IN FOR WAP OVER POS COUNTER CENTERED BETWEEN CASH REGISTERS AND OVER MANAGERS DESK. STARBUCKS VENDOR TO INSTALL WAP DEVICE.
- D02 PROVIDE DRIVE THRU SECURITY CAMERA ON EXTERIOR OF BUILDING ONLY AS REQUIRED. VERIFY EXACT REQUIREMENTS WITH OWNER AND/OR OWNERS REPRESENTATIVE PRIOR TO COMMENCING WORK.
- D03 PROVIDE ROUGH-IN AND FINAL CONNECTION TO AUDIO SPEAKER. WALL MOUNTED SPEAKER WATTAGE SETTING TO BE 5 VOLT. CEILING MOUNTED PENDANT SPEAKER WATTAGE SETTING TO BE 7.5 VOLT. COORDINATE EXACT LOCATION AND REQUIREMENTS, INCLUDING FINAL WATTAGE SETTING, WITH CONSTRUCTION MANAGER PRIOR TO COMMENCING WORK.
- D04 STUB UP POWER, DATA, AND PHONE CONDUITS 8" AFF IN THIS LOCATION. ROUTE POWER CONDUCTORS IN FLEXIBLE METAL CONDUIT TIGHT TO WALL FROM RECEPTACLES TO NEARBY RIGID STUB-UP AND BACK TO SERVING POWER PANEL. ROUTE DATA AND PHONE CONDUITS UNDERFLOOR BACK TO DATA RACK NEAR MANAGERS WORKSTATION. LABEL DATA AND PHONE CONDUITS "FOR DATA CABLING". PROVIDE INSULATED BUSHINGS, AND PROVIDE PULL STRING FROM END TO END. LABEL SECURITY CONDUIT "FOR SECURITY" AND PROVIDE PULL STRING FROM END TO END. SEE SHEET E102 FOR MORE INFORMATION.
- D05 MANAGER'S DESK: FURNISH AND INSTALL ALL NECESSARY POWER AND DATA ROUGH-INS FOR MANAGER'S DESK EQUIPMENT. ALL RECEPTACLES TO BE ISOLATED-GROUNDING TYPE RECEPTACLES WITH SURGE PROTECTION. SEE MANAGER'S DESK ELEVATIONS AND MANAGER'S DESK PLAN VIEW DETAILS INDICATED FOR EXACT ROUGH-IN TYPES, QUANTITIES, LOCATIONS, DIMENSIONS, AND CIRCUITING.
- D06 INSTALL CARBON MONOXIDE DETECTOR IN REAR OF SPACE AT LEAST 10 FEET FROM WATER HEATER PER STARBUCKS DESIGN STANDARDS. CARBON MONOXIDE DETECTOR SHALL BE #US 260 CO-SAFEAIR DETECTOR CONNECTED TO SECURITY CONTROL PANEL. VERIFY MOUNTING HEIGHT WITH EQUIPMENT SUPPLIER AND G.C. IN FIELD.
- D07 DOOR POSITION SWITCH. LOCATE ONE AT EACH EXTERIOR DOOR LEAF.
- D08 ALARM KEY PAD. LOCATED WITHIN 10'-0" OF EMPLOYEE ENTRANCE. MOUNT AT 42" AFF.
- D09 PIR MOTION DETECTOR REQUIRED PER STORE AT FOLLOWING LOCATIONS: (1) BEHIND BAR NEAR POS, (1) CENTRALLY LOCATED IN CAFE, (1) AT MANAGER'S WORKSTATION, (1) CENTRALLY LOCATED IN BOH. VERIFY FINAL LOCATIONS PRIOR TO COMMENCING WORK.
- D10 SECURITY CAMERA. CEILING MOUNT TYPICAL. IN OPEN CEILING CONDITION LOCATE BOTTOM OF CAMERA AT SAME HEIGHT AS STORE LIGHTING.
- D11 DRIVE THRU SECURITY CAMERA. LOCATE 6'-0" TO 8'-0" FROM WINDOW WITH CLEAR VIEW OF CUSTOMER AND DT POS.

### DATA PLAN GENERAL NOTES

1. GENERAL
- A. REFER TO SHEET E104 FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF DATA DEVICES IN BAR AREA. REFER TO DETAILS ON SHEETS E501 AND 502 FOR ADDITIONAL INFORMATION.
- 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. ANY EQUIPMENT NOTED AS 'FUTURE' SHALL BE PROVIDED WITH APPROPRIATE RECEPTACLES AND WIRING TO ENABLE FUTURE OPERATION.
- D. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.
- E. DATA CABLING LOCATED ABOVE HEAD SHALL BE PLENUM.
- F. DATA CABLING LOCATED UNDERGROUND SHALL BE RATED FOR BELOW GROUND USE.
- G. DATA CABLING AT EXPOSED CEILING SHALL BE INSTALLED IN METAL CONDUIT OR PER LOCAL CODE REQUIREMENT.
2. MUSIC SYSTEM
- H. THE GENERAL CONTRACTOR SHALL INSTALL SPEAKERS AND WIRING PER VENDOR'S DRAWING
- I. SPEAKER PLACEMENT: LOCATE (1) PER 250 SF OF CAFE SPACE 14'-0" MIN. TO 18'-0" MAX. O.C.
- J. SPEAKER PAINTING: SPEAKER GRILLS CAN BE PAINTED. ALL GRILL HOLES TO REMAIN OPEN. NOTE: GRILL HOLES SHALL REMAIN OPEN.
- K. THE GENERAL CONTRACTOR SHALL INSTALL THE MUSIC SYSTEM, CONNECT WIRING AND TEST.
3. SECURITY
- L. ENTRY CAMERA: CAPTURE ENTIRE DOORWAY AND CUSTOMER TOP OF HEAD TO KNEES. PROVIDE (1) CAMERA AT EACH POINT OF ENTRY.
- M. POS CAMERA: PRIMARY OBJECTIVE IS CUSTOMER. SECONDARY IS POS. IDEAL PLACEMENT IS TO CAPTURE BOTH.
- N. SAFE CAMERA: POSITION TO VIEW FROM HANDLE SIDE OF DOOR. POS CAMERA CAN BE USED WHEN SAFE IS LOCATED BELOW TERMINALS.
- O. DRIVE THRU CAMERA: PRIMARY OBJECTIVE IS CUSTOMER. SECONDARY IS POS. IDEAL PLACEMENT IS TO CAPTURE BOTH.
- P. BOH CAMERA: CAPTURES CASH HANDLING AREA.
- Q. CARBON MONOXIDE: PROVIDE (1) MINIMUM CARBON MONOXIDE (CO) DETECTOR LOCATED IN THE BACK OF HOUSE. PROVIDE SECOND DETECTOR IN CAFE IF SPACE INCLUDES A FIREPLACE.
4. LOW VOLTAGE CABLING
- R. GENERAL CONTRACTOR TO PROVIDE PATHWAYS FOR ALL DATA AND LOW VOLTAGE CABLING DEVICES. CONDUITS CONTAINING MULTIPLE CABLES SHALL BE UPSIZED FOR FUTURE CAPACITY, 1" [25MM] TYPICAL.
- S. PROVIDE LABELED, END-TO-END PULL STRINGS RATED TO 25 LBS IN ALL CONDUITS.
- T. CONDUIT BEND RADIUS SHALL BE A MINIMUM OF 5x THE INTERNAL CONDUIT DIAMETER.
- U. TERMINATE CONDUITS THAT EXTEND THROUGH SLAB A MINIMUM OF 3" [75MM] AFF.
- V. FLEX CONDUIT IS GENERALLY UNACCEPTABLE FOR USE AS A COMMUNICATIONS CONDUIT EXCEPT AT SEISMIC JOINTS.
- W. 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 FROM ENTERING AND/OR REMOVED FROM CONDUIT PRIOR TO PLACEMENT OF CABLES.
- X. ALL PULL BOXES SHALL BE SIZED AND INSTALLED PER ANSI/TIA/EIA-569-A. PULL BOXES FOR UNDERGROUND CONDUITS ARE NOT PERMITTED UNLESS OTHERWISE NOTED.
5. BROADBAND CABLE
- Y. MAIN POINT OF ENTRY: GENERAL C TO PROVIDE 2" [50MM] MINIMUM CONDUIT PATH FROM THE BUILDING'S MAIN POINT OF ENTRY (MPOE) TO THE CEILING AT THE MANAGER'S WORKSTATION. THE INTERNET SERVICE PROVIDER (ISP) WILL DESIGNATE THE START AND END LOCATIONS OF THE CONDUIT AND ANY BACKBOARD, GROUNDING, AND POWER REQUIREMENTS.

FINAL BID/PERMIT SET - 09.04.2020



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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**



Engineering Consultant

129-20



PROJECT NAME:  
**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
**155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY**

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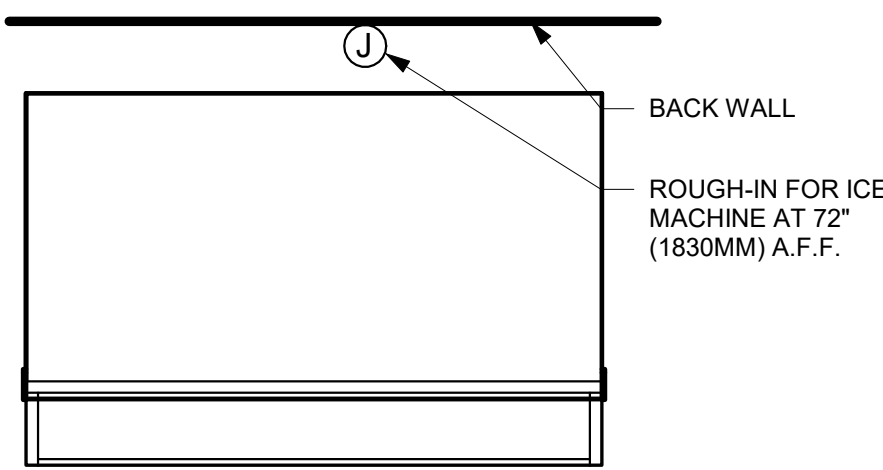
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**DATA DEVICE PLAN**

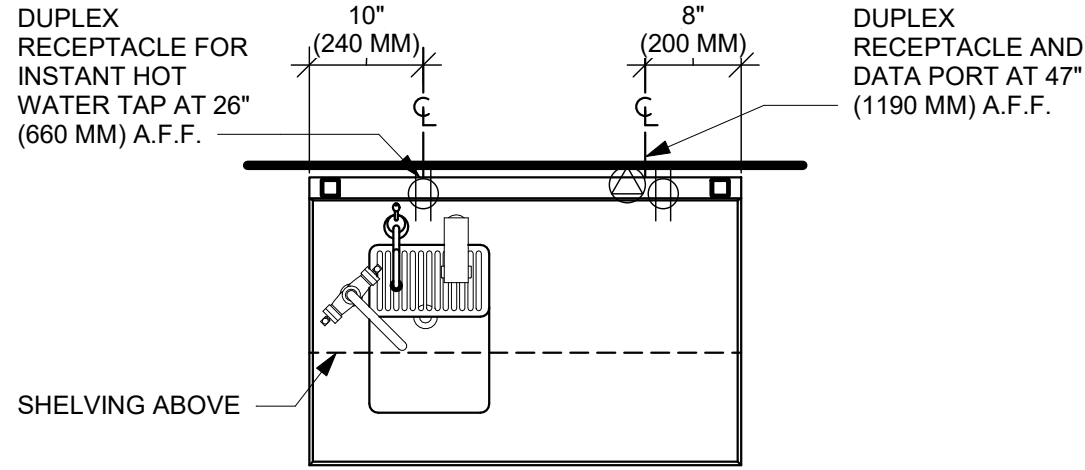
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SHEET NUMBER:  
**E104**

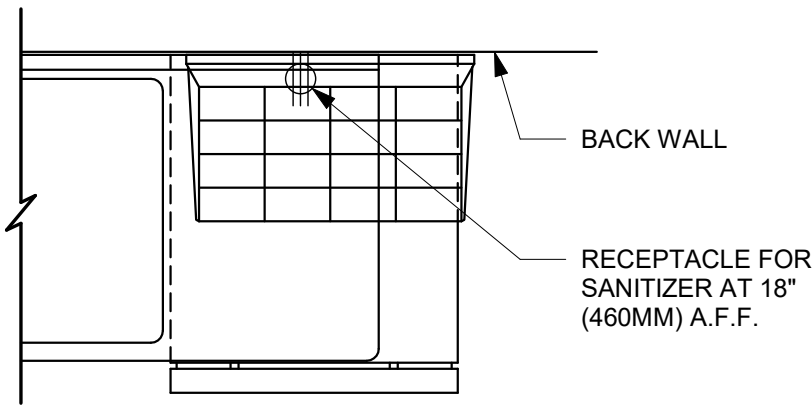




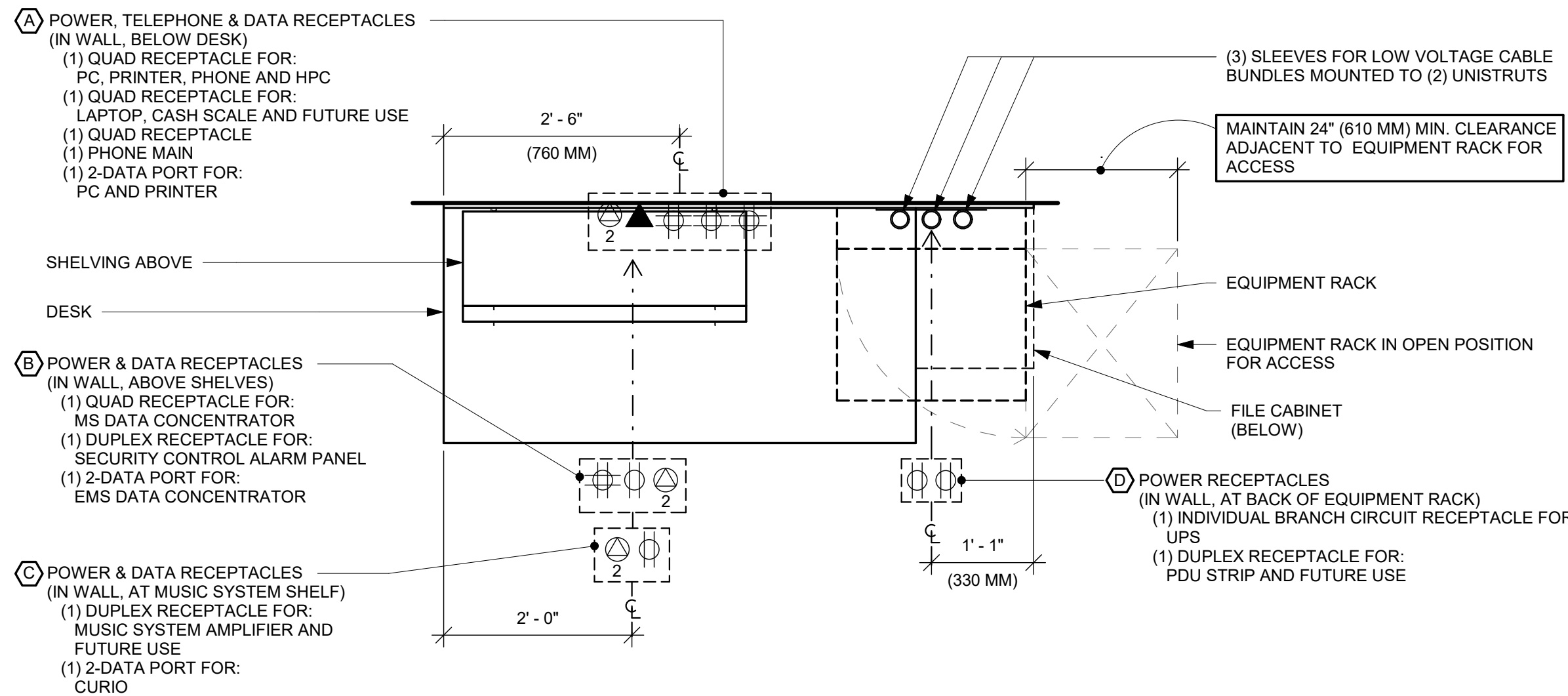
1 ICE MACHINE - ELECTRICAL  
3/4" = 1'-0"



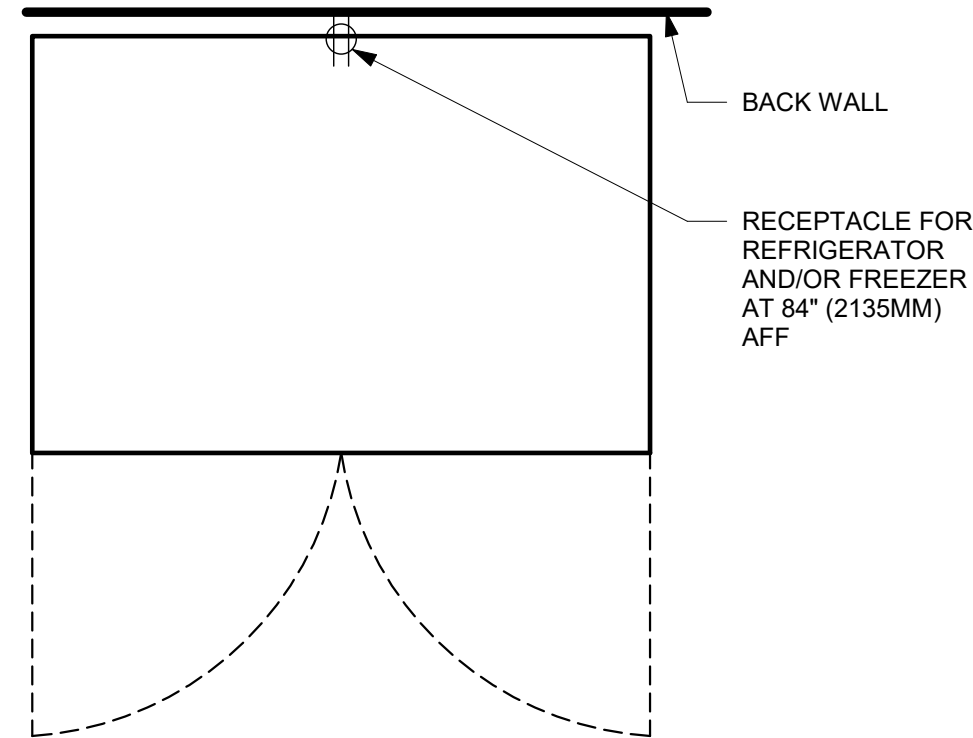
2 WATER FILLING STATION - ELECTRICAL  
3/4" = 1'-0"



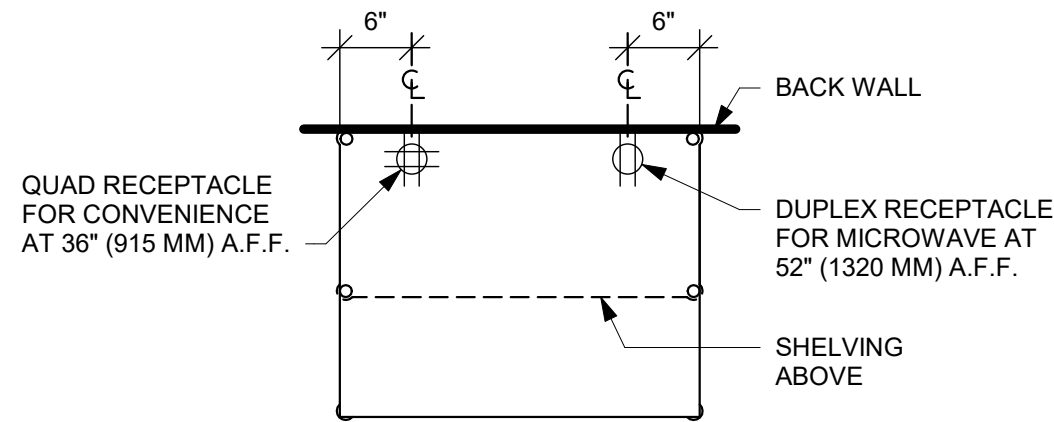
3 SANITIZING WORKSTATION - ELECTRICAL  
3/4" = 1'-0"



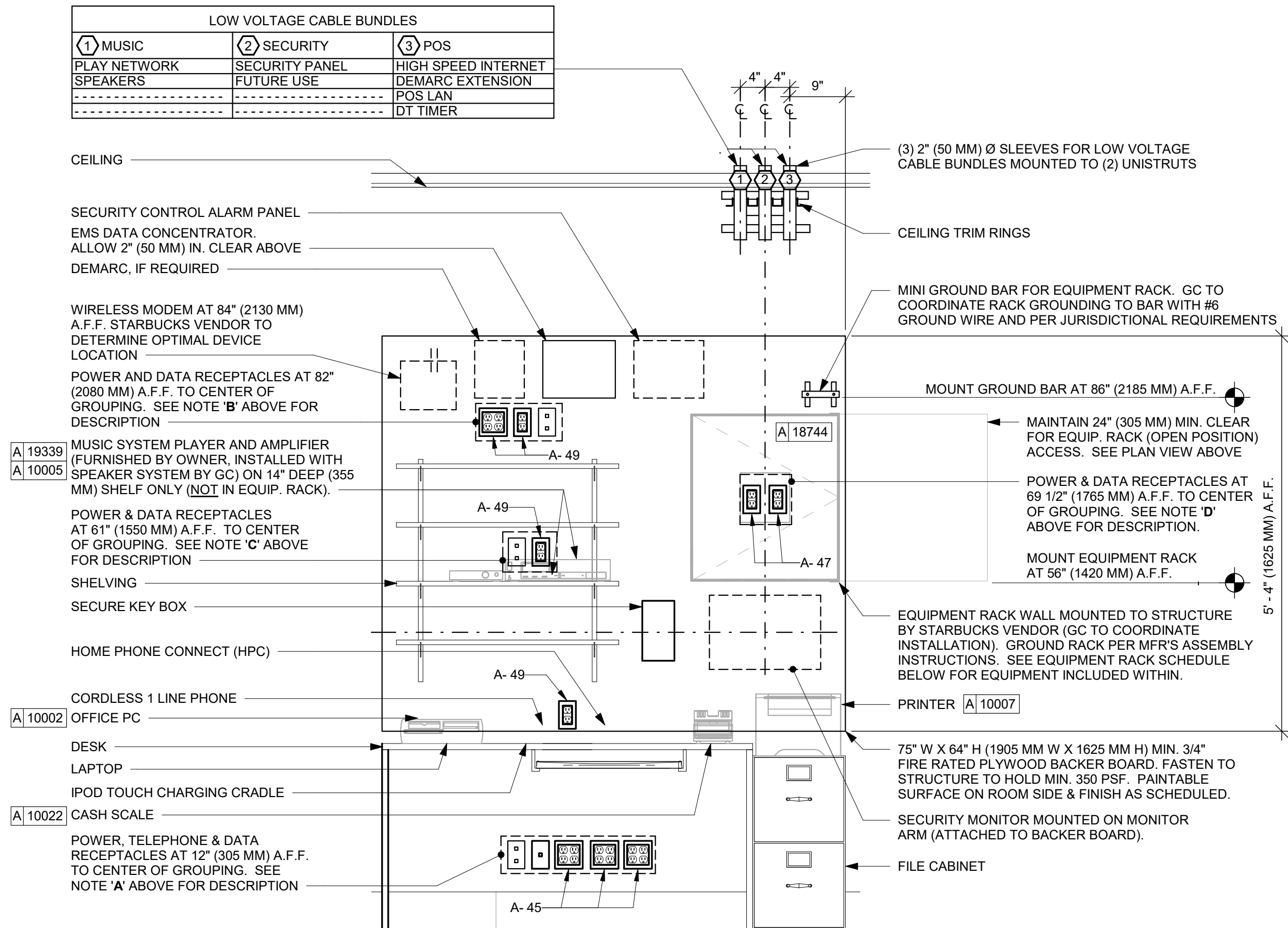
4 PARTNER DESK - ELECTRICAL  
3/4" = 1'-0"



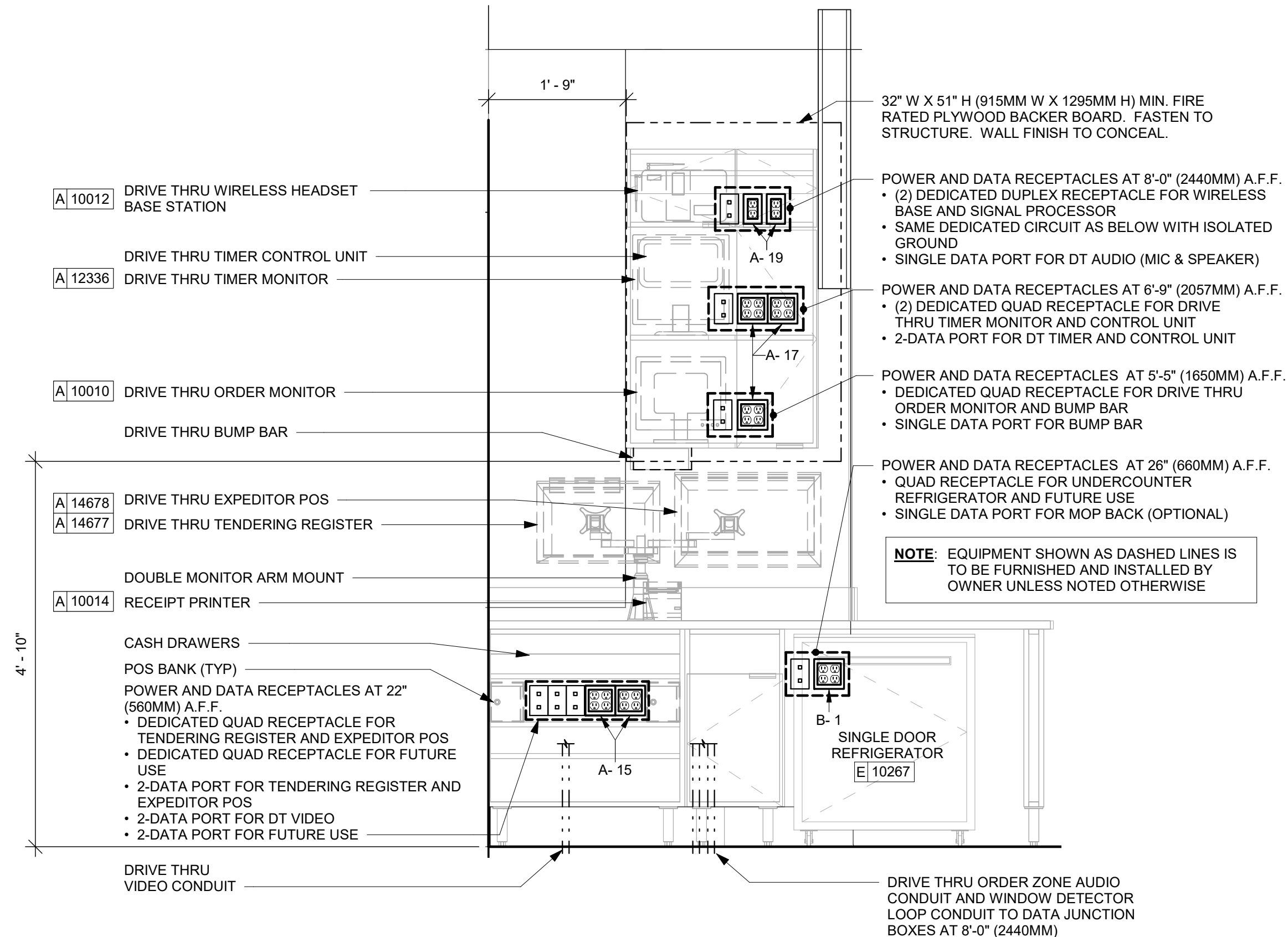
5 REFRIGERATOR/FREEZER - ELECTRICAL  
3/4" = 1'-0"



6 MANAGERS DESK, EQUIPMENT RACK RIGHT - ELECTRICAL  
3/4" = 1'-0"



7 DTP 01-01 - PLAN VIEW  
3/4" = 1'-0"



8 DTP 01-01 - ELECTRICAL  
3/4" = 1'-0"

ELEVATION VIEW

NOTE: EQUIPMENT SHOWN AS DASHED LINES IS TO BE FURNISHED AND INSTALLED BY OWNER UNLESS NOTED OTHERWISE.

EQUIPMENT RACK SCHEDULE

UPS	NETWORK SWITCH	SECURITY RECORDER (NVR)
IPS EQUIPMENT	PATCH PANEL	SECURITY KEYBOARD
ROUTER		

8 MANAGER'S DESK ELEVATION  
3/4" = 1'-0"



**STARBUCKS®**  
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SEATTLE, WASHINGTON 98134  
(206) 318-1575

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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**

William J. Alkemeyer, P.E.  
353 Marshall Avenue  
St. Louis, Missouri 63119  
Phone (314) 772-1782  
Fax (314) 373-3514

Engineering Consultant

129-20



FINAL BID/PERMIT SET - 09.04.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE**

**RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: JAK/BMS/CJS

Revision Schedule

Rev	Date	By	Description

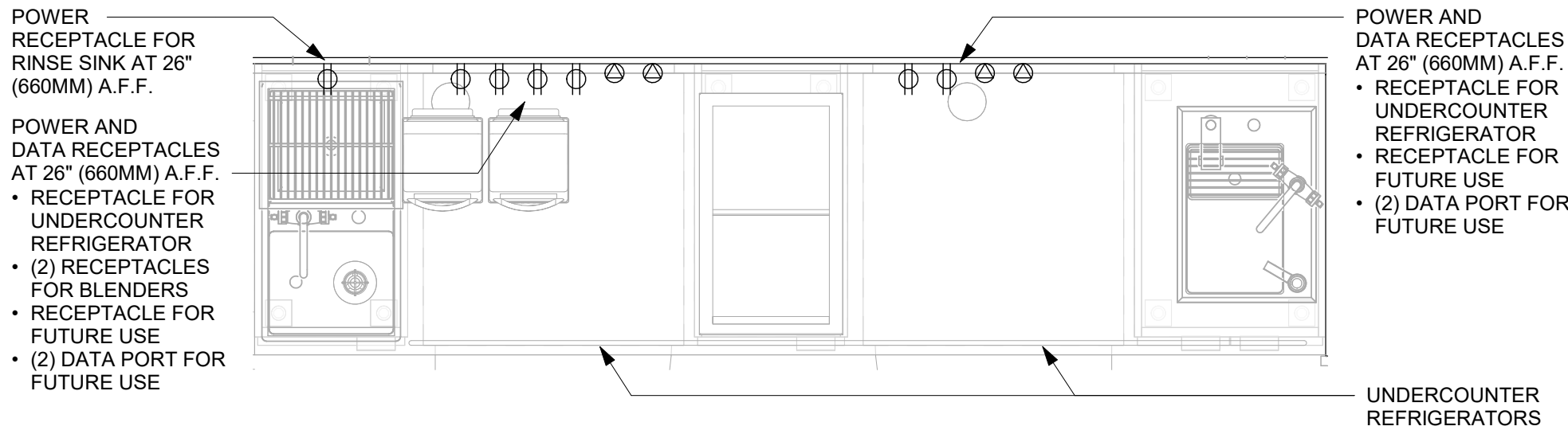
SHEET TITLE:  
**ELECTRICAL DETAILS**

SCALE: AS SHOWN

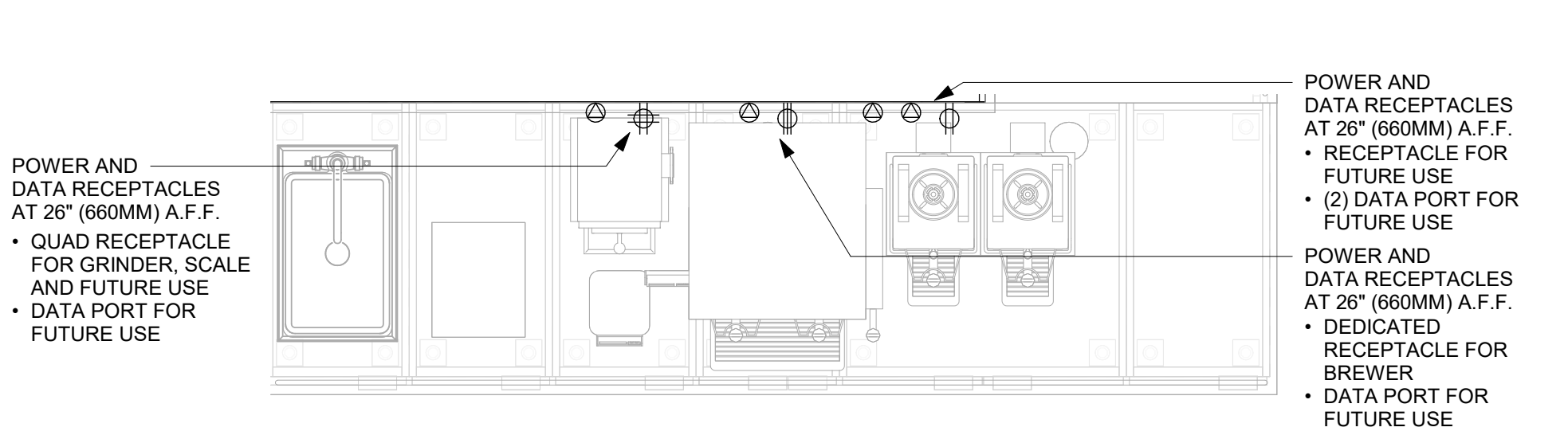
SHEET NUMBER:

E501

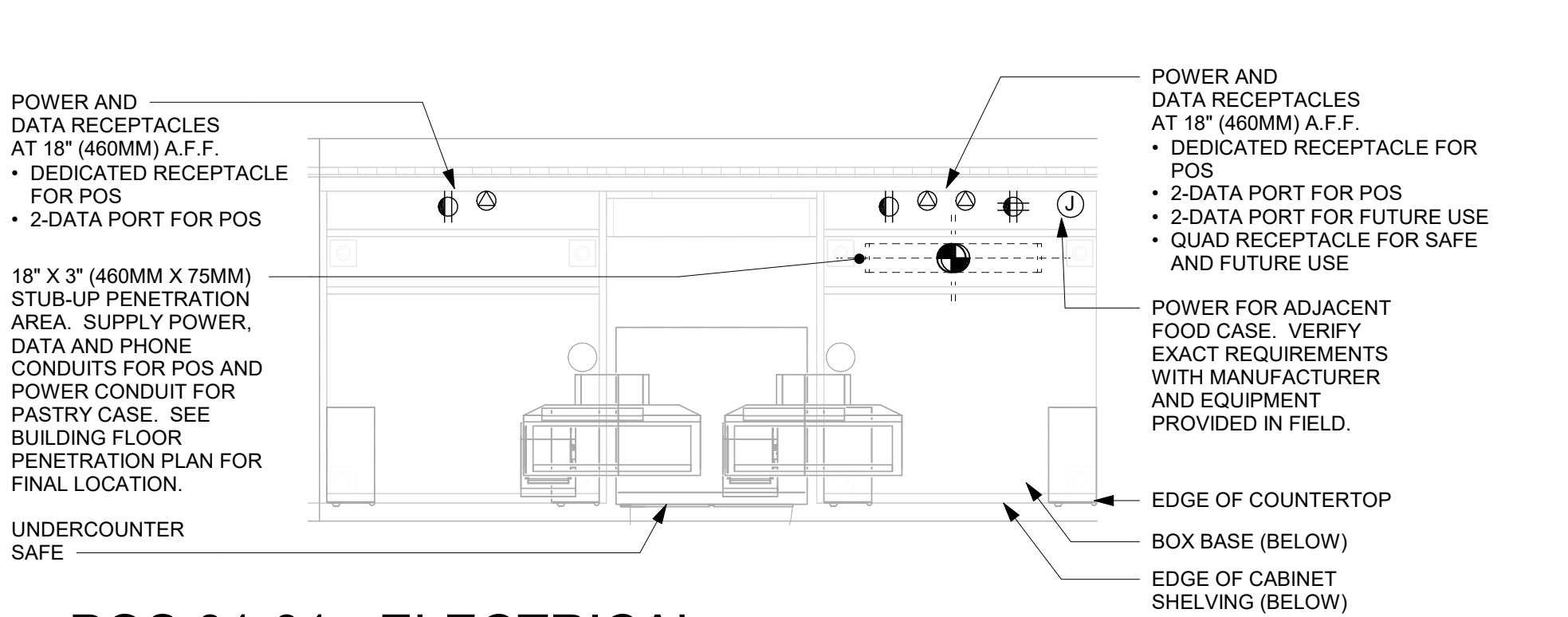




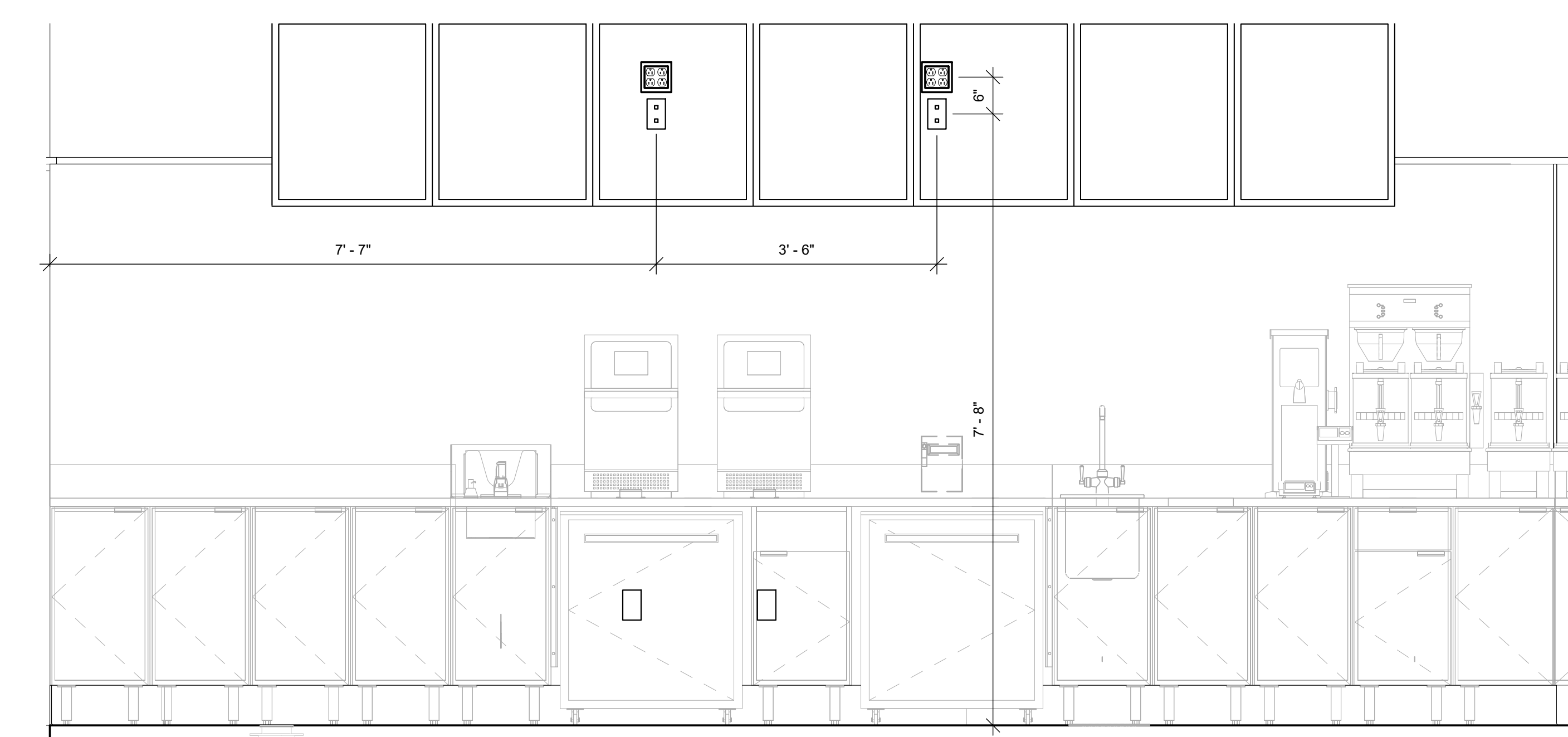
1 CBE 01-05 - ELECTRICAL  
3/4" = 1'-0"



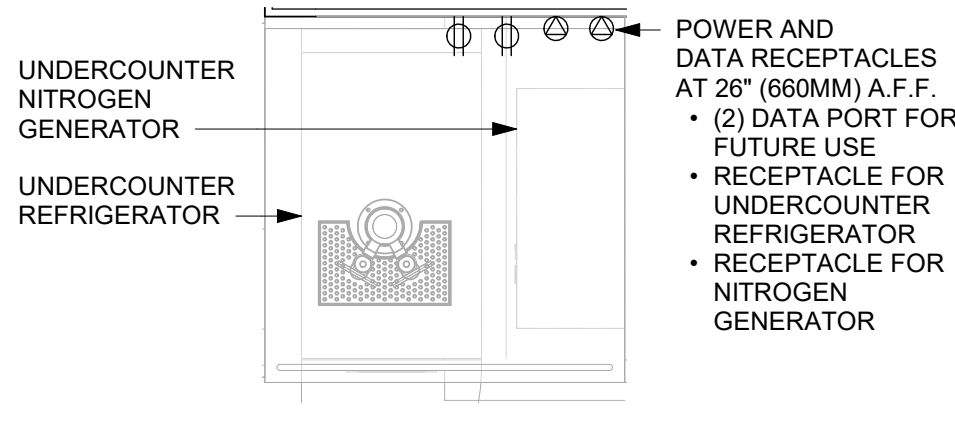
4 BRW 04-02 - ELECTRICAL  
3/4" = 1'-0"



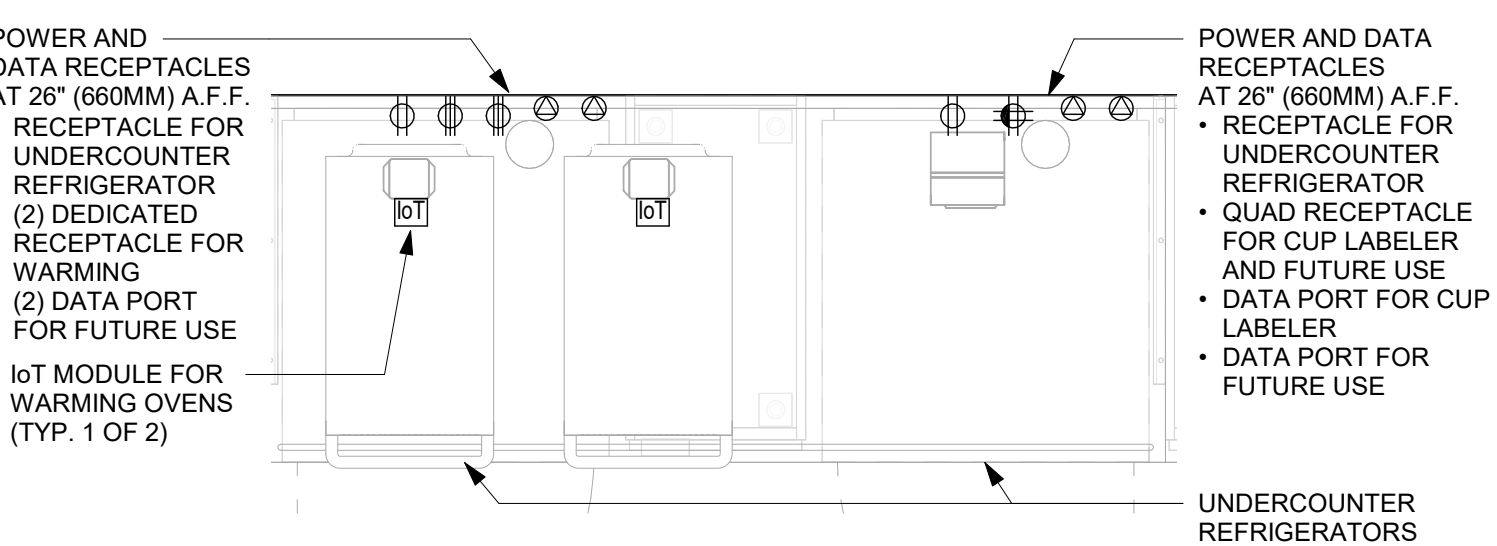
7 POS 01-01 - ELECTRICAL  
3/4" = 1'-0"



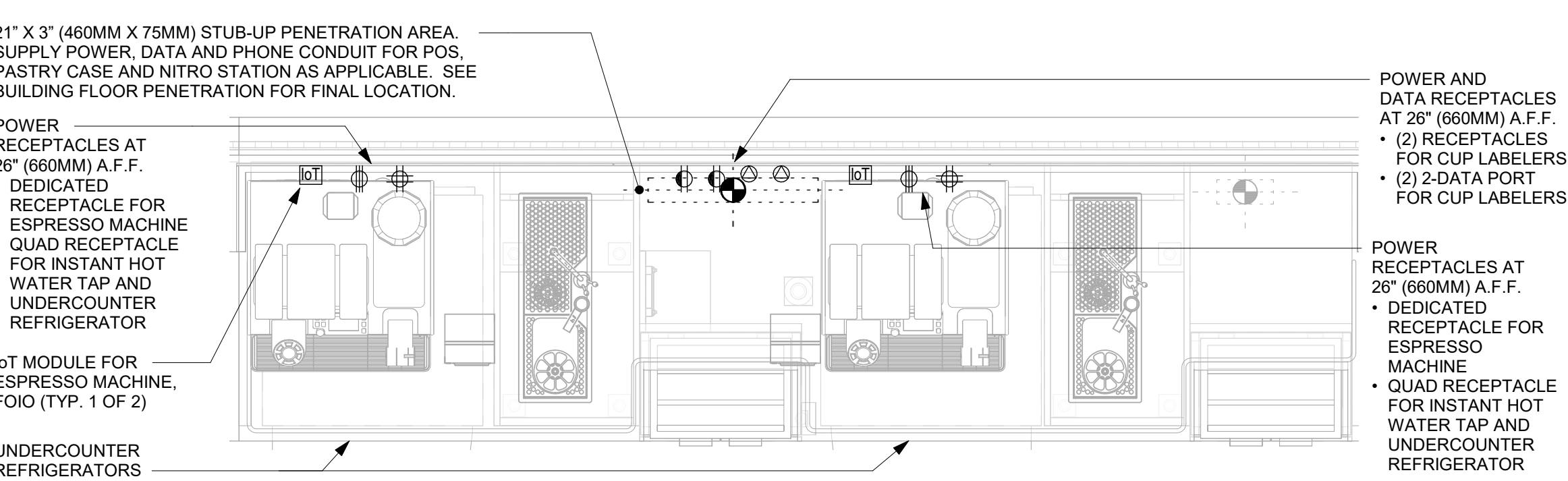
9 DIGITAL MENUBOARD - ELEVATION  
3/4" = 1'-0"



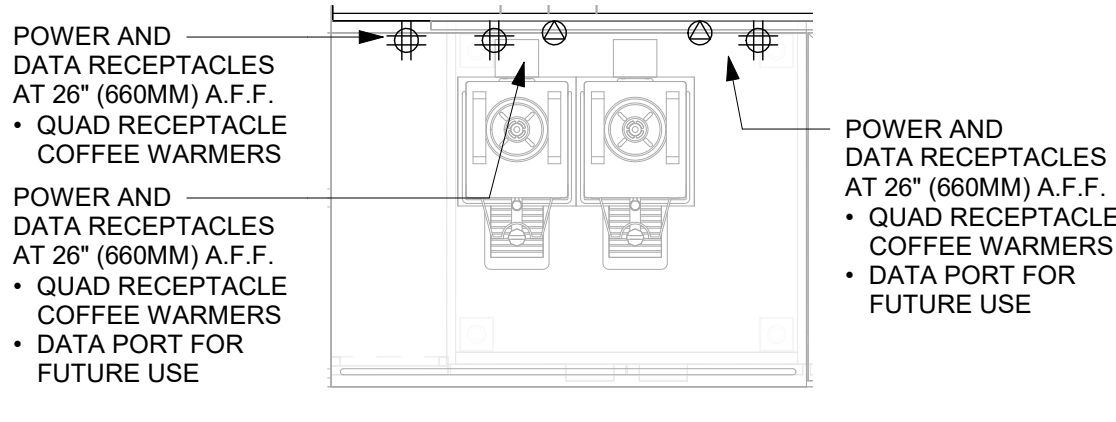
2 NIT 11-01 - ELECTRICAL  
3/4" = 1'-0"



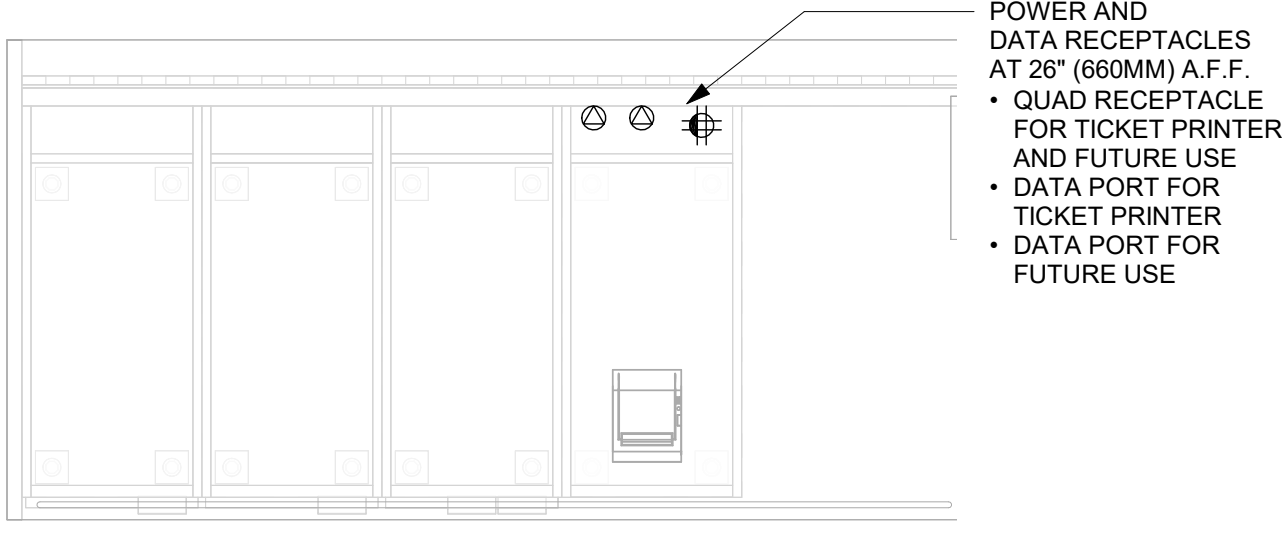
5 WRM 06-01 - ELECTRICAL  
3/4" = 1'-0"



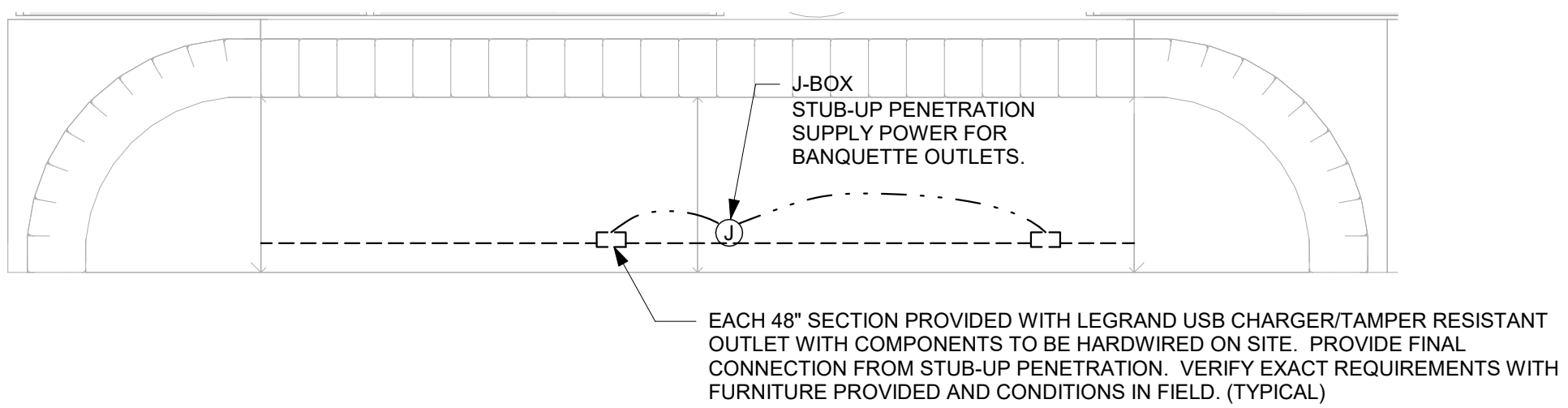
8 ESP 11-01 - ELECTRICAL  
3/4" = 1'-0"



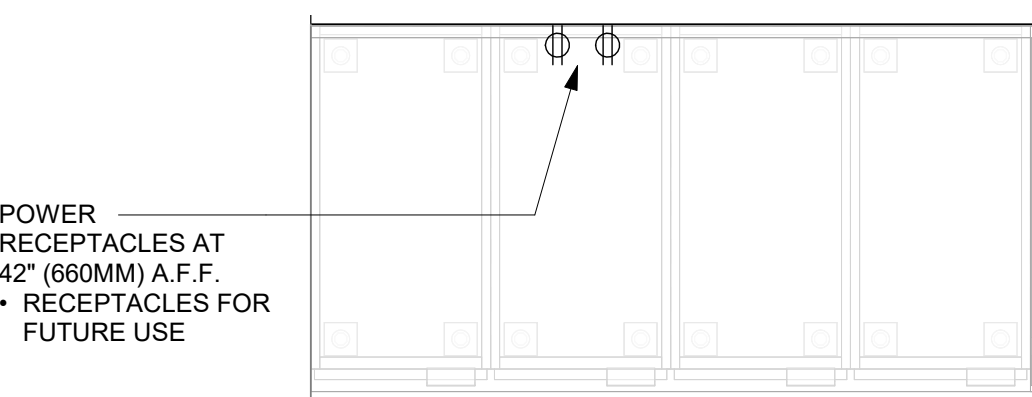
3 SRV 01-01 - ELECTRICAL  
3/4" = 1'-0"



6 MOP 05-02 - ELECTRICAL  
3/4" = 1'-0"



10 BANQUETTE - ELECTRICAL  
3/4" = 1'-0"



11 FUTURE WALK UP WINDOW - ELECTRICAL  
3/4" = 1'-0"



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STARBUCKS TEMPLATE VERSION i2020-01-31

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129-20



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PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: JAK/BMS/CJS

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**ELECTRICAL DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:

E502

FINAL BID/PERMIT SET - 09.04.2020



Panel: A																				
Mounting: Recessed					Volts: 120/208 Wye					MCB Rating: 400A MCB										
Enclosure: Type 1					Phases: 3					Mains Type: CU										
AIC Rating: 200k					Wires: 4					Mains Rating: 400 A										
Responsibility: LANDLORD																				
CKT	Schedule Circuit Notes				Trip	Poles	A		B		C		Poles	Trip	Schedule Circuit Notes				CKT	
E 1	RTU-1	60 A	3	6485 VA 4924 VA								3	50 A	RTU-2			2			
						6485 VA 4924 VA									4					
						6485 VA 4924 VA									6					
E 7	D/T HEATED AIR CURTAIN				40 A	2	3328 VA	600 VA	3328 VA	528 VA			1	20 A	DRIVE THRU WINDOW				E 8	
E 9													1	20 A	EF-1				10	
E 11	RTU / CONVENIENCE RECEPTACLES				20 A	1	180 VA	817 VA	720 VA	120 VA	900 VA	766 VA	1	20 A	EXTERIOR LIGHTING				E 12	
E 13	PATIO FANS				20 A	1							1	20 A	BUILDING SIGNAGE				14	
G 15	DT EQUIPMENT				20 A	1							1	20 A	TIMECLOCK				16	
G 17	DT EQUIPMENT				20 A	1					1080 VA	360 VA	1	20 A	DT MENU/PRE-MENUBOARD/CANOPY LTG				18	
G 19	DT EQUIPMENT				20 A	1	360 VA	100 VA					1	20 A	DT DIRECTIONAL SIGN				20	
G 21	ESPRESSO MACHINE				40 A	2			2901 VA 500 VA				1	20 A	PYLON/MONUMENT SIGN				22	
G 23											2901 VA 1020 VA			1	20 A	DT ORDER SCREEN/CONTROL BOX				24
G 25	ESPRESSO MACHINE				40 A	2	2901 VA	0 VA	2901 VA	0 VA			1	20 A	SPARE				G 26	
G 27													1	20 A	SPARE				28	
G 29	U.C. REFRIG./INSTA-HOT TAP				20 A	1					1836 VA	0 VA	1	20 A	SPARE				G 30	
G 31	U.C. REFRIG./INSTA-HOT TAP				20 A	1	1836 VA	2995 VA					2	30 A	TURBO CHEF				32	
G 33	FOOD DISPLAY CASE				20 A	2			708 VA 2995 VA										G 34	
G 35											708 VA 2995 VA								36	
G 37	SAFE				20 A	1	360 VA	2995 VA					2	30 A	TURBO CHEF				G 38	
G 39	POS REGISTER				20 A	1			229 VA 4170 VA										40	
G 41	POS REGISTER				20 A	1					229 VA 4170 VA				1	20 A	DIGITAL BREWER			
G 43	CUP LABELERS/POS PRINTER				20 A	1	960 VA	1660 VA					DIGITAL SCALE/COFFEE GRINDER				G 44			
G 45	MANAGER'S DESK EQUIPMENT				20 A	1			1080 VA 1080 VA				COFFEE WARMERS/FUTURE...				G 46			
G 47	MANAGER'S DESK EQUIPMENT				20 A	1					360 VA	960 VA	1	20 A	U.C. REFRIGERATORS				G 48	
G 49	MANAGER'S DESK EQUIPMENT				20 A	1	900 VA	900 VA					1	20 A	CONV. RECEPTACLES				G 50	
G 51	SPARE				20 A	1			0 VA 0 VA				1	20 A	SPARE				G 52	
G 53	--				--	--					0 VA 0 VA			--	--	--				54
G 55							0 VA	0 VA					--	--	--				56	
G 57	SURGE PROTECTION				40 A	3			0 VA 0 VA				--	--	--				58	
G 59											0 VA 0 VA			--	--	--				60
Total Load:							45155 VA		43293 VA		39669 VA									
Total Amps:							381 A		365 A		331 A									
Legend:																				
G = GFI - FURNISH AND INSTALL GFI BREAKERS AND DEDICATED NEUTRALS FOR THESE CIRCUITS TO PREVENT FALSE TRIPPING. EQUIPMENT AIC RATINGS SHALL EXCEED THE AVAILABLE FAULT CURRENT. CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH UTILITY PRIOR TO CONSTRUCTION. SYSTEM SHALL BE SERIES RATED IF NECESSARY TO LIMIT SHORT CIRCUIT CURRENT TO BELOW 22,000 AIC (FOR GFI BREAKERS). COORDINATE WITH LANDLORD.																				
E = EXISTING BY LANDLORD																				
Load Classification				Connected Load		Demand Factor		Estimated Demand		Panel Totals										
HVAC				34753 VA		100.00%		34753 VA												
Kitchen Equipment - Non-Dwelling Unit				63831 VA		65.00%		41490 VA		Total Conn. Load: 128117 VA										
Lighting - General				2029 VA		125.00%		2537 VA		Total Est. Demand: 99894 VA										
Other				586 VA		100.00%		586 VA		Total Conn.: 356 A										
Power - General				2700 VA		100.00%		2700 VA		Total Est. Demand: 277 A										
Receptacle				23258 VA		71.50%		16629 VA												
Lighting				959 VA		125.00%		1199 VA												

MECHANICAL EQUIPMENT SCHEDULE - "M"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
FAN						
10894	1	FAN - DT AIR CURTAIN WITH HEATER - 48IN 1220MM	LL	LL	READY ACCESS AIR AA300 PASS-THRU AIR CURTAIN. CONTACT: ANNA ELLIS ANNA@READY-ACCESS.COM	
X0003	1	FAN - WALL MOUNTED FAN - PATIO	GC	GC	GLOBAL INDUSTRIAL 30IN OSCILLATING WALL MOUNTED FAN. ITEM #T9F292451. GC TO PROVIDE MOUNTING PARTS AS NEEDED. LL TO PROVIDE POWER.	
HVAC						
10317	17	HVAC - VAV SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.	
11108	3	HVAC - SUPPLY 4 WAY LAY IN SQUARE - 12IN 305MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.	
11163	2	HVAC - RETURN LAY IN SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.	
11165	2	HVAC - RETURN CHANNEL FRAME SQUARE - 10IN 255MM	GC	GC	SEE MECHANICAL SCHEDULES. FACTORY PAINT TO MATCH ASSOCIATED CEILING COLOR.	
OTHER						
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC		
X0028	2	ACCESS PANEL	GC	GC	BAUCO PLUS II. MODEL #20-58-2424	

Panel: B														
Mounting: Recessed							Volts: 120/208 Wye				MCB Rating: 400A MLO			
Enclosure: Type 1							Phases: 3				Mains Type: CU			
AIC Rating: 200k							Wires: 4				Mains Rating: 400 A			
Responsibility: LANDLORD														
	CKT	Schedule Circuit Notes	Trip	Poles	A	B	C	Poles	Trip	Schedule Circuit Notes	CKT			
G	1	U.C. REFRIGERATORS	20 A	1	1440 VA	1811 VA			1	20 A	CAFE/BACKBAR LIGHTING	2		
G	3	BLENDER	20 A	1		1200 VA	360 VA		1	20 A	WORK/RESTROOM LIGHTING	4		
G	5	BLENDER	20 A	1			1200 VA	720 VA	1	20 A	DIGITAL MENUBOARDS	6		
G	7	NITRO GENERATOR/U.C. REFRIGERATOR	20 A	1	1020 VA	0 VA			1	20 A	SPARE	8		
G	9	PITCHER RINSER	20 A	1		120 VA	0 VA		1	20 A	SPARE	10		
	11	ICE MACHINE	30 A	2			1799 VA	0 VA	1	20 A	SPARE	12		
	13			1799 VA	1080 VA				1	20 A	CONV. RECEPTACLES	14		
G	15		WAREWASHER	40 A	2		3172 VA	1260 VA		1	20 A	CONV. RECEPTACLES	16	
	17						3172 VA	540 VA	1	20 A	SHOW WINDOW RECEPTACLES	18		
G	19	REACH-IN REFRIGERATORS	20 A	1	1344 VA	720 VA			1	20 A	BANQUETTE RECEPTACLES	20		
G	21	REACH-IN FREEZER	20 A	1		1152 VA	0 VA		1	20 A	SPARE	22		
G	23	REACH-IN FREEZER	20 A	1			864 VA	0 VA	1	20 A	SPARE	24		
G	25	INSTA-HOT TAP	20 A	1	1301 VA	0 VA			1	20 A	SPARE	26		
G	27	PARTNERS DESK RECEPTACLES	20 A	1		1560 VA	0 VA		1	20 A	SPARE	28		
G	29	WATER HEATER	20 A	1			600 VA	0 VA	1	20 A	SPARE	30		
G	31	WATER FILTRATION SYSTEM	20 A	1	900 VA	0 VA			1	20 A	SPARE	32		
G	33	BOOSTER/RECIRCULATION PUMP	20 A	1		360 VA	0 VA		1	20 A	SPARE	34		
G	35	CONV. RECEPTACLES	20 A	1			360 VA	0 VA	1	20 A	SPARE	36		
G	37	HAND DRYER	20 A	1	1440 VA	0 VA			1	20 A	SPARE	38		
G	39	HAND DRYER	20 A	1		1440 VA	0 VA		1	20 A	SPARE	40		
G	41	SOAP DISPENSERS/FAUCET SENSORS	20 A	1			720 VA	0 VA	--	--		42		
	43	--	--	--	0 VA	0 VA			--	--	--	44		
	45	--	--	--		0 VA	0 VA		--	--	--	46		
	47	--	--	--			0 VA	0 VA	--	--	--	48		
	49	--	--	--	0 VA	0 VA			--	--	--	50		
	51	--	--	--		0 VA	0 VA		--	--	--	52		
	53	--	--	--			0 VA	0 VA	--	--	--	54		
	55	--	--	--	0 VA	0 VA			--	--	--	56		
	57	--	--	--		0 VA	0 VA		--	--	--	58		
	59	--	--	--			0 VA	0 VA	--	--	--	60		
Total Load:					12855 VA		10624 VA		9975 VA					
Total Amps:					108 A		89 A		83 A					
Legend:														
G = GFI - FURNISH AND INSTALL GFI BREAKERS AND DEDICATED NEUTRALS FOR THESE CIRCUITS TO PREVENT FALSE TRIPPING. EQUIPMENT AIC RATINGS SHALL EXCEED THE AVAILABLE FAULT CURRENT. CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH UTILITY PRIOR TO CONSTRUCTION. SYSTEM SHALL BE SERIES RATED IF NECESSARY TO LIMIT SHORT CIRCUIT CURRENT TO BELOW 22,000 AIC (FOR GFI BREAKERS). COORDINATE WITH LANDLORD.														
E = EXISTING BY LANDLORD														
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals					
Kitchen Equipment - Non-Dwelling Unit			17543 VA		65.00%		11403 VA							
Lighting - General			1212 VA		125.00%		1515 VA		Total Conn. Load: 33454 VA					
Receptacle			13740 VA		86.39%		11870 VA		Total Est. Demand: 25987 VA					
Lighting			959 VA		125.00%		1199 VA		Total Conn.: 93 A					
									Total Est. Demand: 72 A					



PLUMBING FIXTURE SCHEDULE - "P"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
DRAIN						
10294	7	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	ZURN MODEL #FD2375-NH3.	
10594	4	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	GC	GC	JAY R. SMITH MODEL #2005Y (B) OR EQUAL	
10726	7	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	ZURN MODEL #FD2375-NH3-H.	
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		
10597	2	FAUCET - SINGLE HANDLE	SB	GC		
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC		
10874	1	FAUCET - HOT WATER SYSTEM GOOSENECK	SB	GC		
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC		
11003	3	FAUCET - METERED	SB	GC		
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC		
15749	2	FAUCET - HOT AND COLD WATER SYSTEM	SB	GC		
X0009	2	FAUCET - STERN	GC	GC	STERN. CONDOR 1010. PART #07100005. CHROME. PART OF D13 INTEGRATED SINK SYSTEM. CONTACT: D13 GROUP. 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM	
FILTER						
12501	1	FILTER - RO SYSTEM 600GPD	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.	
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.	
12896	1	FILTER - BRINE TANK	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.	
12899	2	FILTER - POLY GLASS VESSEL	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.	
13076	1	FILTER - PREFILTRATION SYSTEM	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.	
13082	1	FILTER - WATER SOFTENER TWIN	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.	
13149	1	FILTER - PRESSURE GAUGE	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.	
OTHER						
13384	1	WATER HEATER TANK GAS	GC	GC	AO SMITH POLARIS HIGH EFFICIENCY MODEL #BSS 130. 165 GPH RECOVERY @90 DEGREE RISE. SET WATER HEATER TO 140 DEG MAX ENERGY FACTOR = 0.96	
SINK						
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB	GC		
10995	1	SINK - MOP - 24X24IN 610X610MM	SB	GC		
12808	1	SINK - UTENSIL RINSE WITH GRATE SST - RH - 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		
X0008	2	SINK - D13	GC	GC	D13 INTEGRATED SINK SYSTEM. 30IN XLERATORSYNC SYSTEM WITH A SINGLE BASIN SINK WITH A PIVOT DRAIN COVER. GLACIER WHITE CORIAN COUNTER TOP AND ENCLOSURE PANELS. BASIN COLOR: D13 WHITE. ORDER WITH LOCKING SLIDING DOOR & SECURITY PANEL. CONTACT: D13 GROUP. 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM	
TOILET						
12951	2	TOILET - TANKLESS EFFICIENT SINGLE FLUSH	GC	GC	SLOAN MODEL ST-2020-1.28 (1.28 GPF)	
13040	2	TOILET - FLUSH VALVE AUTOMATIC EFFICIENT SINGLE FLUSH	GC	GC	CROWN MODEL 8111-1.28 FLUSHOMETER (1.28 GPF)	
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
AUDIO VISUAL						
10005	1	MUSIC SYSTEM	SB	SB	GC TO INSTALL AND TEST SYSTEM.	
10010	1	DT ORDER MONITOR	SB	SB		
10012	1	DT COMMUNICATION SYSTEM	SB	SB		
10015	4	SPEAKER RECESSED - WHITE	SB	SB		
10017	2	SPEAKER SURFACE MOUNTED - BLACK	SB	SB		
12336	1	DT TIMER SYSTEM	SB	SB		
14676	1	DT POS MONITOR ARM DOUBLE SURFACE MOUNTED	SB	GC		
19339	1	AMPLIFIER - 40W	SB	SB	GC TO INSTALL AND TEST SYSTEM.	
DATA						
10002	1	COMPUTER MANAGER WORKSTATION	SB	SB		
10007	1	PRINTER MANAGER WORKSTATION	SB	SB		
18744	1	EQUIPMENT RACK WITH LOCK - 24IN 610MM	SB	SB		
20294	4	IOT MODULE	SB	SB		
POINT OF SALE						
10008	2	POS - REGISTER WITH COMPACT CASH DRAWER	SB	SB	GC TO COORDINATE WITH SBUX VENDOR.	
10014	4	POS PRINTER	SB	SB	GC TO COORDINATE WITH SBUX VENDOR.	
10022	1	MONEY COUNTER	SB	SB	GC TO COORDINATE WITH SBUX VENDOR.	
10029	6	POS BANK	SB	GC		
10075	3	CUP LABELER	SB	SB	GC TO COORDINATE WITH SBUX VENDOR.	
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	GC	GC TO COORDINATE WITH SBUX VENDOR; STORE MANAGER TO PROGRAM WITH VENDOR PROVIDED MANUAL.	
10028	1	SAFE BASE	SB	GC	GC TO COORDINATE WITH SBUX VENDOR; STORE MANAGER TO PROGRAM WITH VENDOR PROVIDED MANUAL.	

RESPONSIBILITY LEGEND

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

LIGHTING FIXTURE SCHEDULE - "L"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
X0041	2	1A (120W), 120V CURRENT LIMITING DEVICE, WH	SB	GC		
X0043	2	3A (360W), 120V CURRENT LIMITING DEVICE, WH	SB	GC		
EXIT						
11483	2	EXIT - SECURITY LIGHT WALL MOUNTED	LL	LL	HID 150W OR EQUAL	LITHONIA LIGHTING. TWP 150S TB OR APPROVED EQUAL
19044	4	LED EXIT SIGN WITH EMERGENCY LIGHT - WHITE AND RED	SB	GC	INTEGRATED LED	
19049	1	LED EXIT SIGN RECESSED - WHITE AND RED	SB	GC	INTEGRATED LED	
19056	4	LED EMERGENCY LIGHT DOUBLE - WHITE	SB	GC	INTEGRATED LED	
OTHER						
17796	5	STRING LIGHTS	SB	GC	INTEGRATED LED	INSTALL VIA HOOKS. POWER BY LANDLORD. THREE RUNS OF LIGHTS, TOTAL LENGTH REQUIRED: 77'-1" GC TO PROVIDE AIRLINE CABLE AND HOOKS AS NEEDED FOR MOUNTING.
RECESSED CAN						
11174	11	CAN - ADJUSTABLE RECESSED - 5IN 125MM - BLACK				
19023	30	CAN - LED MOUNTING FRAME - 2IN 50MM - NEW CEILING	SB	GC		
19113	26	CAN - LED ADJUSTABLE GIMBAL WITH DRIVER - 2IN 50MM - WHITE - 1000LM NFL	SB	GC		
19120	4	CAN - LED DOWNLIGHT REFLECTOR WITH DRIVER SQUARE - 2IN 50MM - WHITE - 1000LM FLOOD	SB	GC		
SCONCE						
20711	6	SCONCE - HINKLEY ATLANTIS LARGE - BLACK	LL	LL	INTEGRATED LED	DOLAN HOSPITALITY MFR #376769 ATLANTIS OUTDOOR SCONCE
20741	2	SCONCE - KUZCO VEGA - 23IN 585MM - GOLD	SB	GC	INTEGRATED LED	
SIGNAGE - OTHER						
21163	1	SIGN - MOBILE ORDER PICK UP ILLUMINATED BLADE MOUNT	SB	GC		GC TO PROVIDE BLOCKING AND ELECTRICAL IN SOFFIT AS REQUIRED
X0016	1	SIGN - MOP SIGN - 4FT EXTENSION LEGS	SB	GC		TO BE CUT IN FIELD. ORDER WITH MOP SIGN DID 21163. VENDOR: WALTON.
STRIP						
14410	2	STRIP - LED TAPE - VARIABLE LENGTH - 315LM PER FT	SB	GC	INTEGRATED LED	LENGTH: 27'-0". FIELD TRIMMABLE TO 6IN LENGTHS
TRACK						
12934	1	TRACK - WITH CONNECTORS - 4FT 122CM - WHITE - 1 CIRCUIT	SB	GC		
12945	9	TRACK - WITH CONNECTORS - 12FT 365CM - WHITE - 1 CIRCUIT	SB	GC		
19071	8	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 900LM SPOT	SB	GC	INTEGRATED LED	
19072	13	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 600LM FLOOD	SB	GC	INTEGRATED LED	
19074	27	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 900LM FLOOD	SB	GC	INTEGRATED LED	
19087	48	TRACK - HEX CELL LOUVER - 2IN 50MM	SB	GC		
TROFFER						
15057	8	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4000LM	SB	GC	INTEGRATED LED	
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	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). SCREEN INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL: GC CONNECTS DOS WHIPS & STUB-UPS TO DCB.	
14119	1	MENU BOARD - DT 5 PANEL FREESTANDING - 108X65IN 2745X1650MM - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS	
14120	1	MENU BOARD - DT PRE MENU FREESTANDING - 36X65IN 915X1650MM - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS	
15700	1	MENU BOARD - DT DIGITAL ORDER SCREEN CONTROL BOX	SB	SB/GC	SUPPLIER: IT EQUIPMENT VENDOR (ZONES). INSTALLER: REGIONAL SIGNAGE VENDOR. ELECTRICAL CONNECTION: GC. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS	
OTHER						
14103	7	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	LL	LL	DSA PHOTOTECH. SEE DTL.	
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	SB/GC	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE FOOTING, CONDUIT AND ANCHOR BOLTS	
18818	2	LIGHT POLE - 10FT 300CM - FLAT BLACK MT0028	SB	GC	GC TO PROVIDE AIRLINE CABLE AND HOOKS AS NEEDED FOR LIGHT INSTALLATION.	
18820	2	LIGHT POLE BASE PLATE - FLAT BLACK MT0028	SB	GC		
X0006	2	BIKE RACK - OLYMPIA	LL	LL	FORMS & SURFACES: OLYMPIA BIKE RACK. WWW.FORMS-SURFACES.COM; INSTALL PER MANUFACTURER'S RECOMMENDATIONS.FINISH: STANDARD BLACK TEXTURE.	
X0007	2	VEHICLE DETECTOR LOOP	SB	GC	SUPPLIER: DT AUDIO VENDOR (HME). INSTALLER: GC. LL TO PROVIDE CONDUIT	
PLANTER						
X0004	11	CONCRETE PLANTER BOX	LL	LL	CONCRETE PLANTERS WITH IRRIGATION BY LANDLORD. LL TO PROVIDE SPEC TO CM FOR APPROVAL.LL TO PROVIDE LANDSCAPING.COORDINATE WITH OPERATIONS PRIOR TO INSTALLATION.	
UMBRELLA						
12147	3	UMBRELLA - BASE 95LB 43KG - FLAT BLACK MT0028	SB	GC		
20073	3	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - GREEN CANVAS WITH WORDMARK F0056	SB	GC		

SPECIALTY EQUIPMENT SCHEDULE - "E"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
COOLING						
10267	5	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	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		
13676	1	FREEZER REACH IN 1 DOOR RH - 27IN 685MM	SB	GC		
13682	1	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		GC TO COORDINATE WITH SBUX VENDOR.
10808	1	GRINDER DITTING KR1203	SB	GC		GC TO COORDINATE WITH SBUX VENDOR.
10856	6	BREWER SERVER SOFT HEAT	SB	GC		
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC		
15166	1	DISHWASHER HOT LOW STEAM	SB	GC		
16623	1	SCALE DIGITAL WITH ADJUSTABLE DISPLAY MOUNT SMALL	SB	GC		
17564	1	BLENDER PITCHER RINSER WITH SENSOR	SB	GC		
19559	1	NITROGEN GENERATOR ELEMENT	SB	GC		GC TO COORDINATE INSTALLATION & CONNECTIONS WITH SBUX VENDOR
19742	2	ESPRESSO MACHINE MASTRENA II	SB	GC		GC TO COORDINATE WITH SBUX VENDOR.
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		
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	GRC	GC		LOCALLY SOURCED.
10769	2	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC		
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	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	2	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	SB	GC		
11115	2	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		19495 RETIRED; ORDER FOUR SKU #S: 011095591, 011095592, 011095587, 011095588.
20079	1	NITRO 2 TAP BADGE MOUNT BACKBAR LH	SB	GC		
20080	1	NITRO 2 TAP BADGE MOUNT BACKBAR RH	SB	GC		
X0010	2	SOAP DISPENSER - STERN	GC	GC		STERN. GREEN/CHROME SOAP DISPENSER. PART #07100008. PART OF D13 INTEGRATED SINK SYSTEM. CONTACT: D13 GROUP. 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM
X0011	2	HAND DRYER - INTEGRATED	GC	GC		XLERATOR SYNC HAND DYER. AUTOMATIC SENSOR OPERATED. SURFACE MOUNTED. CONTACT: D13 GROUP. 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM
STORAGE						
10222	2	WIRE SHELF GRID AT SINK	SB	GC		
10416	8	WORKROOM SHELVING - 36IN 915MM	SB	GC		
10462	8	WORKROOM SHELVING POSTS	SB	GC		
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC		
13834	1	BASE - 24X18IN 610X455MM	SB	GC		
15699	1	PARTNER WORK CENTER	SB	GC		
17255	1	PASTRY TRAY CART - 60IN 1525MM	SB	GC		
17264	1	ROLLING PASTRY TRAY THAW RACK - 20X26IN 510X60MM	SB	GC		
17639	1	WORKROOM CART - 24IN 610MM	SB	GC		
19476	2	5 COMP LOCKER - 12IN 305MM	SB	GC		
EXTERIOR SIGNAGE SCHEDULE - "S"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	
SIGNAGE - DISK						
13182	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 71IN 1805MM	SB	GC/ HILTON		LL TO PROVIDE BLOCKING AND CONDUIT AS REQUIRED
13184	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	GC/ HILTON		LL TO PROVIDE BLOCKING AND CONDUIT AS REQUIRED
SIGNAGE - DRIVE THRU						
14091	1	SIGN - DT DIRECTIONAL EXIT SIGN ILLUMINATED ARROW SERIES - 46IN 1170MM	SB	GC		GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE, FOOTING, ANCHOR BOLT AND CONDUIT
14106	1	SIGN - DT CLEARANCE BAR ARROW SERIES FREESTANDING	SB	GC		GC TO COORDINATE WITH SBUX VENDOR. LL TO PROVIDE, FOOTING AND ANCHOR BOLT
SIGNAGE - OTHER						
19388	3	SIGN - 10 MINUTE PARKING	SB/LL	GC		FOOTING AND POST BY LL. SIGN BY VENDOR (TUBE ART). GC TO INSTALL.
SIGNAGE - PYLON DISK						
X0005	1	MONUMENT SIGN	SB	GC/ LL		LL TO PROVIDE BASE SIGN, FOOTING, ANCHOR BOLTS AND CONDUITS. SIGN PANELS BY SBUX VENDOR
SIGNAGE - WORDMARK						
X18498	1	SIGN - WORDMARK STARBUCKS FLUSH MOUNTED - 20IN 510MM	SB	GC/ HILTON		WORDMARK COLOR GREEN: LL TO PROVIDE CONDUIT AND BLOCKING AS REQUIRED



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
FLR	FLOOR
FT	FOOT/FEET
G	GAS PIPING
GC	GENERAL CONTRACTOR
HR	HOOR
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
WH	WATER HEATER
WSP	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
	THERMOSTAT
	TEMPERATURE SENSOR
	AIRFLOW ARROW
	INDICATES UNLINED 12" X 8" O.D. SHEETMETAL 1ST FIGURE = SIDE SHOWN 2ND FIGURE = SIDE NOT SHOWN
	DIFFUSER ITEM# DESIGN CFM (WHERE APPLICABLE) NECK SIZE
	CEILING DIFFUSER
	CEILING RETURN GRILLE
	CEILING 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:
- CONFIGURE AS FOLLOWS:
    - DEGREES "F" DISPLAY
    - 12 HOUR CLOCK
    - CONTINUOUS FAN OPERATION IN OCCUPIED MODE
    - DISABLE KEYBOARD PROGRAMMING
  - SET TIME AND DATE.
  - SET TO DISPLAY CURRENT TEMPERATURE.
  - 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.
  - SET POINTS SHALL BE AS FOLLOWS OR AS APPROPRIATE FOR CLIMATE:
    - OCCUPIED (5° F DEADBAND) (3° C DEADBAND)
      - HEATING: 70° F (21° C)
      - COOLING: 75° F (24° C)
    - UNOCCUPIED
      - HEATING: 60° F (15° C)
      - COOLING: 78° F (25° C)
  - SET TWO (2) HOUR OCCUPIED OVERRIDE FUNCTION TO PROVIDE THE FOLLOWING SET POINT OVERRIDES:
    - HEATING: +2° F (1° C)
    - COOLING: -2° F (1° C)

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

- CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:
- SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE , BUT ARE NOT LIMITED TO DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST, HVAC CONTROLS, LIGHTING CONTROLS, AIR CURTAINS, BUILT-IN REFRIGERATION, EQUIPMENT AND RENEWABLE ENERGY SYSTEMS.
  - CONTRACTOR SHALL PROVIDE WRITTEN RESPONSES TO ALL CXA'S REVIEWS AND COMMENTS. RESPONSES SHALL BE PROVIDED IN A TIMELY MANNER.
  - 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.
  - 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.
  - CONTRACTOR SHALL COMPLETE MANUFACTURER'S STARTUP PROCEDURES PRIOR TO COMMISSIONING COORDINATION WITH CXA.
  - 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.
  - 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 BALANCE AGENT) 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.
  - 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...).
  - 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.
  - 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.
  - 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.
  - 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)

- CONTRACTOR SHALL PROVIDE A TRAINING PLAN FOR EACH TRADE (MECHANICAL, ELECTRICAL, PLUMBING, RENEWABLE SYSTEMS) 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.
- THE CONTRACTOR IS RESPONSIBLE FOR RECORDING ATTENDANCE FOR EACH TRAINING SESSION. COPIES OF THESE SHALL BE SUBMITTED TO THE CXA.
- CONTRACTOR SHALL SUBMIT Q&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" 61MM 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 LD 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, CO2 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. GENERAL CONTRACTOR TO PROVIDE ONE PERMANENT THERMOSTAT AND REMOTE SENSOR PER HVAC UNIT. LOCATE AND MOUNT THERMOSTAT(S) AND SENSOR(S) PER THE DRAWINGS. PROVIDE THERMOSTAT IDENTIFICATION LABELS PER SPECIFICATION REQUIREMENTS.

GENERAL CONTRACTOR TO PROGRAM, START-UP AND COMMISSION THE CONTROL SYSTEM. GENERAL CONTRACTOR IS TO COMPLETE FINAL CONNECTION AFTER DATA RACK AND NETWORK INSTALLATIONS. GENERAL CONTRACTOR VENDOR TO VERIFY SYSTEM OPERATION AND TROUBLESHOOT IF REQUIRED. GENERAL CONTRACTOR TO COMPLETE SURVEYOR'S STARBUCKS INSTALLATION SURVEY FORM AND PROVIDE TWO (2) COMPLETED COPIES OF THIS DOCUMENT TO THE CONSTRUCTION MANAGER AND COMMISSIONING AGENT PRIOR TO FINAL PAYMENT.

GENERAL MECHANICAL NOTES

- 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.
- 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.
- 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.
- 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.
- NEW DUCTWORK AND EQUIPMENT SHALL NOT BE INSTALLED WHERE IT OBSTRUCTS ANY EXISTING OR NEW AREAS THAT REQUIRE ACCESS.
- INSULATE DUCTWORK PER CODE AND SPEC. REQUIREMENTS. COORDINATE CLEARANCE REQUIREMENTS FOR ADDED INSULATION.
- 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, UL, AR, 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.



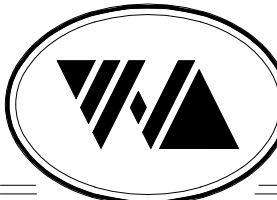
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STARBUCKS TEMPLATE VERSION i2020-01-31

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Engineering Consultant

129-20



PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE**

**RT. 291 & 150**  
PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #:	63039
PROJECT #:	88084-001
ISSUE DATE:	09-04-2020
SR. DESIGN MANAGER:	K. GORIN-SLONSKI
PRODUCTION DESIGNER:	A. MAUSER
CHECKED BY:	DMC / NJD

Revision Schedule				
Rev	Date	By	Description	

SHEET TITLE:  
**MECHANICAL NOTES**

SCALE: AS SHOWN

SHEET NUMBER:  
**M001**

FINAL BID/PERMIT SET - 09.04.2020



## ROOFTOP PACKAGED UNIT SCHEDULE (BY L.L.)

MARK	MANUFACTURER & MODEL	FAN SELECTION				E.A.T. DB/WB	COOLING CAP.		HTG. CAP.		AUX. HEAT (KW)	ELECTRICAL					EER	SEER	LOCATION	SERVICE	NOTES	APPROX. WEIGHT (LBS)
		CFM	O.A.	E.S.P.	MOTOR H.P.		NOMINAL (TON)	TOTAL/SENS (MBH)	IN (MBH)	OUT (MBH)		V	PH	Hz	MCA	MOCP						
RTU-1	CARRIER 48HCED11A2	4000	200	1.0	-	80.4/65.8	10	116.1/93.8	224	184	-	208	3	60	54	60	12.0	-	ROOF	BACKBAR/ WORKROOM	1,2,3,4,5,6,7,8,9,10	1427
RTU-2	CARRIER 48HCED08A2	3000	700	1.0	-	80.4/65.8	7.5	90.2/73.5	180	148	-	208	3	60	41	50	12.0	-	ROOF	CAFE	1,2,3,4,5,6,7,8,9,10	1228

- NOTES:**
1. NEW ELECTRIC COOLING/GAS HEATING ROOFTOP PACKAGED UNIT BY LANDLORD. VERIFY FINAL LOCATION AT JOBSITE.
  2. HIGH EFFICIENCY, DOWN DISCHARGE CONFIGURATION.
  3. MOUNT ON CURB WITH NEW ROOF OPENING.
  4. PROVIDE WITH FACTORY INSTALLED UNIT MOUNTED DISCONNECT SWITCH.
  5. PROVIDE WITH FACTORY INSTALLED NON-POWERED CONVENIENCE SERVICE OUTLET (115V GFCI).
  6. PROVIDE WITH FACTORY INSTALLED ENTHALPY TYPE ECONOMIZER.
  7. PROVIDE SMOKE DETECTOR IN RETURN AIR DUCT TO SHUT DOWN UNIT UPON DETECTION.
  8. PROGRAMMABLE THERMOSTAT WITH REMOTE SENSOR. SEE CONTROLS SPEC
  9. PROVIDE WITH HAIL GUARDS
  10. PROVIDE WITH POWER EXHAUST

## EXHAUST FAN SCHEDULE (BY L.L.)

MARK	SERVICE	MAX. CFM	PLAN CFM	RPM	ESP (IN WG)	DRIVE	SONES (MAX)	MOTOR			MANUFACTURER	MODEL	NOTES
								VOLTAGE	PHASE	HP			
EF-1	RESTROOMS / OVENS	500	360	1405	0.31	DIRECT	6.2	115	1	1/10	GREENHECK	G-090-VG	1,2

- NOTES:**
1. PROVIDE WITH FACTORY ROOF CURB AND BACKDRAFT DAMPER
  2. PROVIDE WITH SPEED CONTROLLER

## AIR TERMINAL SCHEDULE

DIFFUSER ITEM #	COUNT	DESCRIPTION	MANUFACTURER	MODEL	AIR TERMINAL REMARKS
H001	17	SQUARE SUPPLY - LAY-IN OR SURFACE - SEE PLAN	TITUS	TDC-A4	24x24
H002	2	SQUARE SUPPLY - SURFACE	TITUS	TDC-G2	12x12
H254	6	SQUARE RETURN - LAY-IN OR SURFACE	TITUS	350RL	24X24
H255	3	SQUARE EXHAUST - SURFACE	TITUS	350 RL	12X12

## OUTSIDE AIR CALCULATIONS

1. Summary									
Ventilation Sizing Method .....	ASHRAE Std 62.1-2010								
Design Condition .....	Heating operation								
Occupant Diversity (D) .....	1.000								
Uncorrected Outdoor Air Intake (Vou) .....	580 CFM								
System Ventilation Efficiency (Ev) .....	0.853								
Outdoor Air Intake (Vot) .....	888 CFM								
2. Space Ventilation Analysis									
		Space Floor Area (ft²)	Area Outdoor Air Rate (CFM/ft²)	Time Averaged Occupancy (Occupants)	People Outdoor Air Rate (CFM/person)	Air Distribution Effectiveness	Space Outdoor Air (CFM)	Breathing Zone Outdoor Air (CFM)	Space Ventilation Efficiency
Zone Name / Space Name	Mult.	(Az)	(Ra)	(Pz)	(Rp)	(Ez)	(Voz)	(Vbz)	(Evz)
Zone 1									
Backbar	1	434.0	0.18	2.0	7.50	0.8	116	20	1.059
Cafe	1	920.0	0.18	34.0	7.50	0.8	526	421	0.853
RR	1	132.0	0.00	0.0	0.00	0.8	0	0	1.122
Work Room	1	400.0	0.12	2.0	5.00	0.8	73	58	1.078
Corridor	1	138.0	0.06	0.0	0.00	0.8	10	8	0.951
Totals (incl. Space Multipliers)								580	0.853

## MECHANICAL GENERAL NOTES

- A. A SEE MECHANICAL SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- B. SEE ARCHITECTURAL SHEETS FOR PAINTING AND COLORS OF ALL EXPOSED DUCTWORK, DIFFUSERS AND GRILLES.
- C. SEE ARCHITECTURAL SHEETS FOR DIMENSIONED DIFFUSER AND EXPOSED DUCT LOCATIONS.
- D. DIFFUSERS AND RETURN GRILLES SHALL BE CENTERED IN CEILING TILE, UNLESS OTHERWISE NOTED.
- E. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF MECHANICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.
- F. THIS CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES IN LOCATING DUCTWORK, PIPING AND EQUIPMENT TO AVOID ANY INTERFERENCE.
- G. COORDINATE INSTALLATION OF NEW DUCT WITH STRUCTURE.
- H. CONTRACTOR TO INSTALL ALL WORK IN STRUCT COMPLIANCE WITH LOCAL CODES AND ORDINANCES.
- I. PROVIDE ADJUSTABLE VOLUME DAMPER AT ALL BRANCH DUCTWORK.
- J. PROVIDE TURNING VANES AT ALL RECTANGULAR ELBOWS (TYPICAL).
- K. MECHANICAL CONTRACTOR TO REPLACE FILTERS AFTER CONSTRUCTION IS COMPLETED.

## MECHANICAL KEYED NOTES

- M01 ROOFTOP UNIT (RTU-1&2) PROVIDED AND INSTALLED BY LANDLORD. FINAL OUTDOOR AIR SETTING SHALL BE AS INDICATED IN SCHEDULE ON THIS SHEET. FACTORY INSTALLED SMOKE DETECTOR SHALL DE-ENERGIZE UNIT SUPPLY FAN AND ACTIVATE AUDIO/VISUAL INDICATOR IF SMOKE IS DETECTED IN RETURN AIR DUCT. PROVIDE PERMANENT ACCESS TO SMOKE DETECTOR. PROVIDE AND INSTALL REMOTE TEST SWITCH FOR ALARM THAT IS ACCESSIBLE WHILE STANDING ON THE FLOOR. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS TO ALL MECHANICAL EQUIPMENT.
- M02 LANDLORD SHALL PROVIDE AND INSTALL NEW ROOF MOUNTED EXHAUST FAN WITH SPEED CONTROLLER (SEE SCHEDULE THIS SHEET) PER MANUFACTURER'S RECOMMENDATION. PROPERLY SEAL AROUND ALL ROOF PENETRATIONS. EXTEND EXHAUST DUCT FROM EACH GRILLE WITH BACKDRAFT DAMPER TO MAIN EXHAUST DUCT CONNECTING TO EF-1 ON ROOF. FAN SHALL BE 10' MINIMUM FROM ANY AIR INTAKE. VERIFY EXACT LOCATION IN THE FIELD. SEE CONTROLS AND OPERATION FOR FAN ON SHEET M001. BALANCE PER STARBUCKS DESIGN GUIDELINES.
- M03 LANDLORD SHALL PROVIDE AND INSTALL TEMPORARY THERMOSTAT AND WALL MOUNTED SENSOR FOR CONTROL OF RTUS. MOUNT THERMOSTATS AT 44" A.F.F. AT MANAGER'S DESK. COORDINATE EXACT LOCATION WITH OWNER. MOUNT SENSORS AT 60" A.F.F. COORDINATE LOCATIONS WITH OTHER ELEMENTS. VERIFY EXACT LOCATIONS IN FIELD. REFER TO LANDLORD WORK LETTER, MECHANICAL NOTES AND MECHANICAL SCHEDULE. MULTIPLE THERMOSTATS SHALL BE STACKED IN A VERTICAL CONFIGURATION WITH A MINIMUM 8" CLEARANCE BELOW EACH THERMOSTAT.
- M04 REMOTE CONDENSING UNIT FOR ICE MACHINE ON ROOF. ROUTE REFRIGERATION PIPING DOWN TO MATCHING INDOOR UNIT AND PROVIDE ALL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
- M05 DIRECT VENT CLOSED COMBUSTION AND FLUE PVC LINES FROM WATER HEATER UP THROUGH ROOF. TERMINATE WITH CONCENTRIC VENT KIT PER MANUFACTURER'S RECOMMENDATIONS. MAINTAIN 10' MINIMUM FROM OUTLET TO ANY AIR INTAKE. SEE DETAIL ON SHEET M501.
- M06 LANDLORD SHALL PROVIDE AND INSTALL 48" HEATED AIR CURTAIN OVER DRIVE THRU WINDOW. UNIT SHALL BE EQUAL TO READY ACCESS SERIES AA300, 208/240 V, 1 PH, 32 AMPS, 7.1 KW HEATER.
- M07 G.C. TO PROVIDE AND INSTALL VENSTAR THERMOSTATS AND REMOTE SENSORS TO REPLACE EXISTING CONTROLS PROVIDED BY LANDLORD AND HVAC CONTRACTOR. COORDINATE COMMISSIONING WITH VENSTAR PER STARBUCKS GUIDELINES. SEE EMS DETAILS ON SHEET M502.

FINAL BID/PERMIT SET - 09.04.2020



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Engineering Consultant

129-20



PROJECT NAME:  
**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: DMC / NJD

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**MECHANICAL DESIGN  
PLAN**

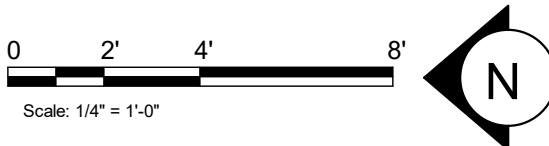
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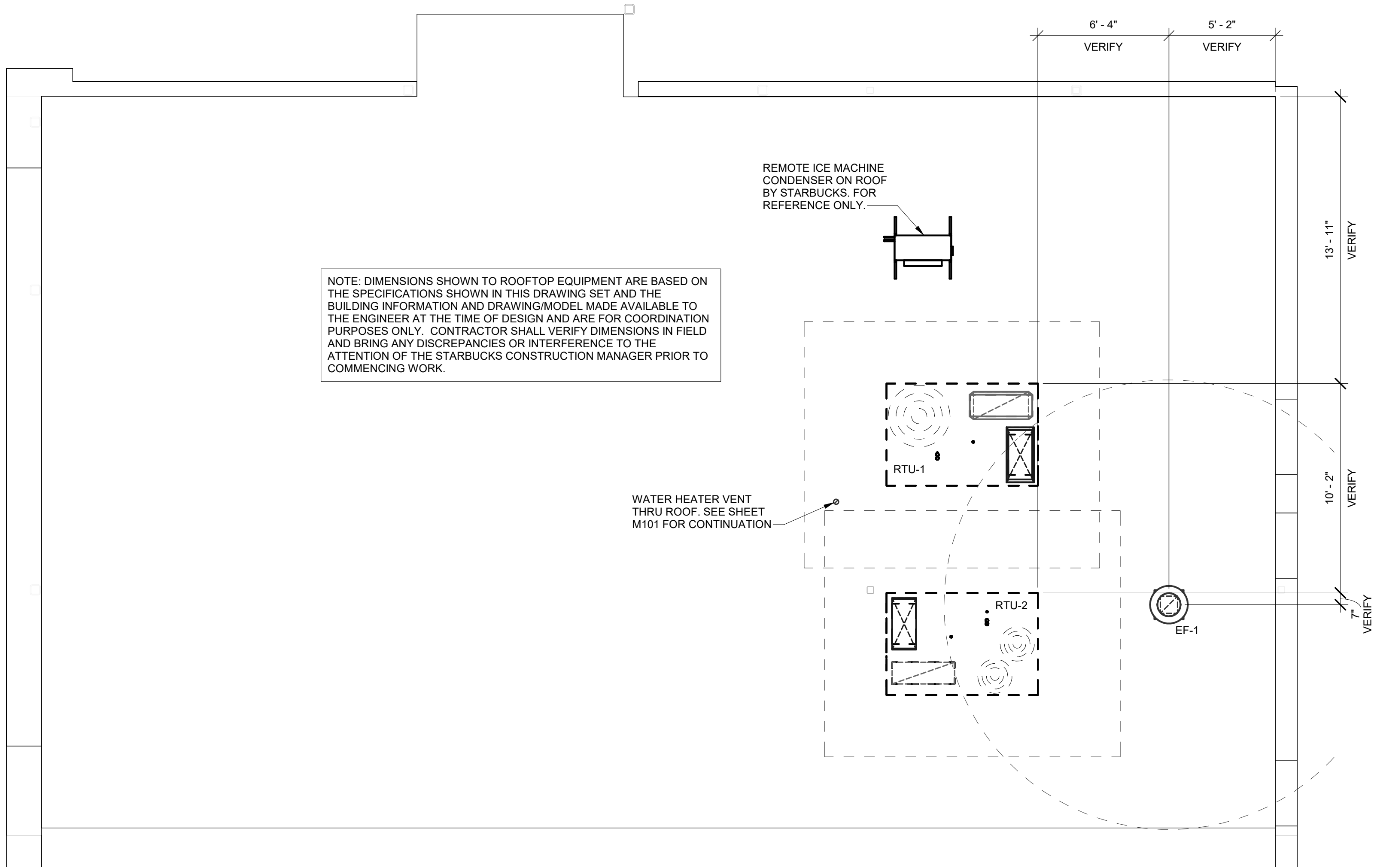
M101

**1** MECHANICAL DESIGN PLAN


1/4" = 1'-0"







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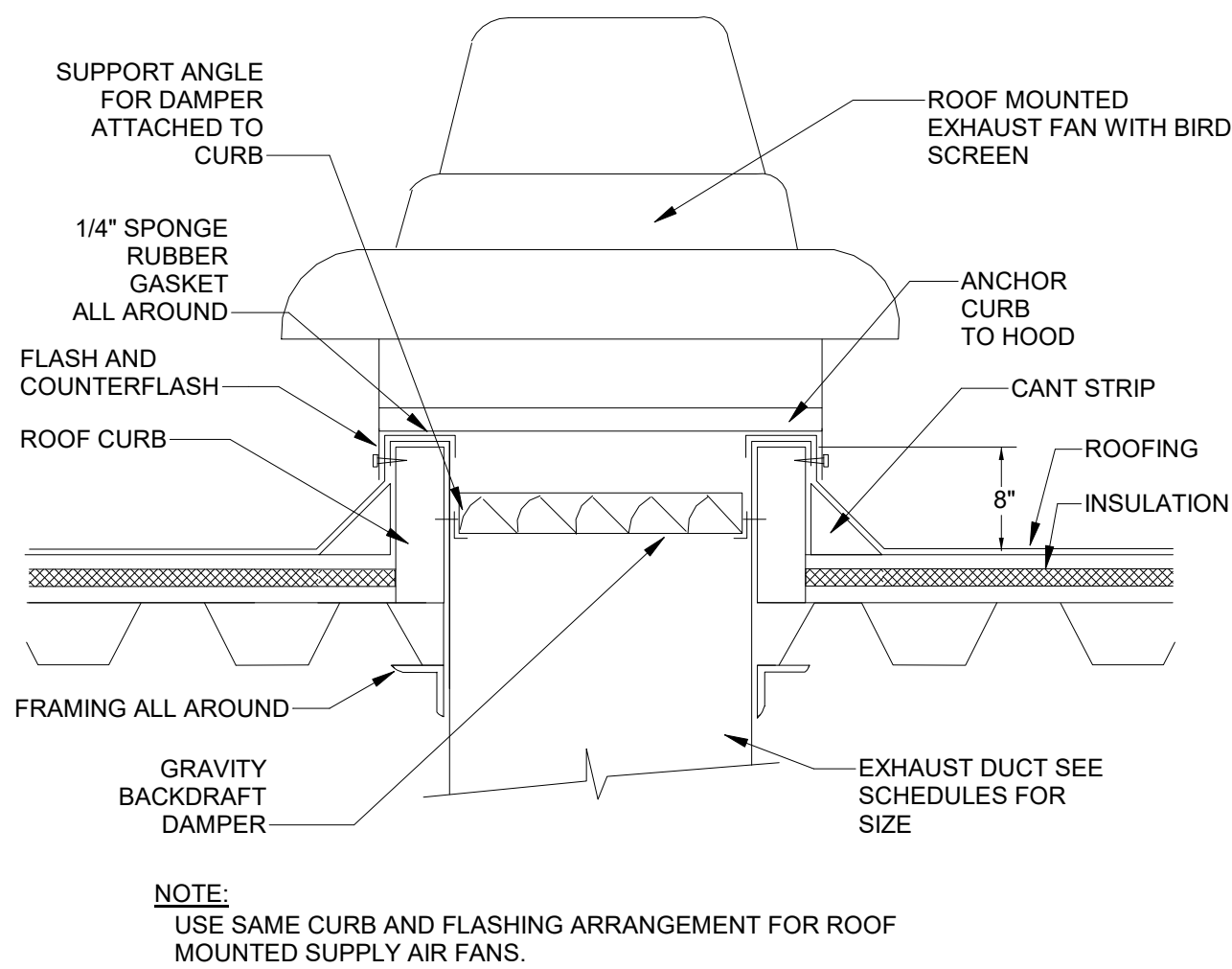
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**MECHANICAL ROOF PLAN**

SCALE: AS SHOWN

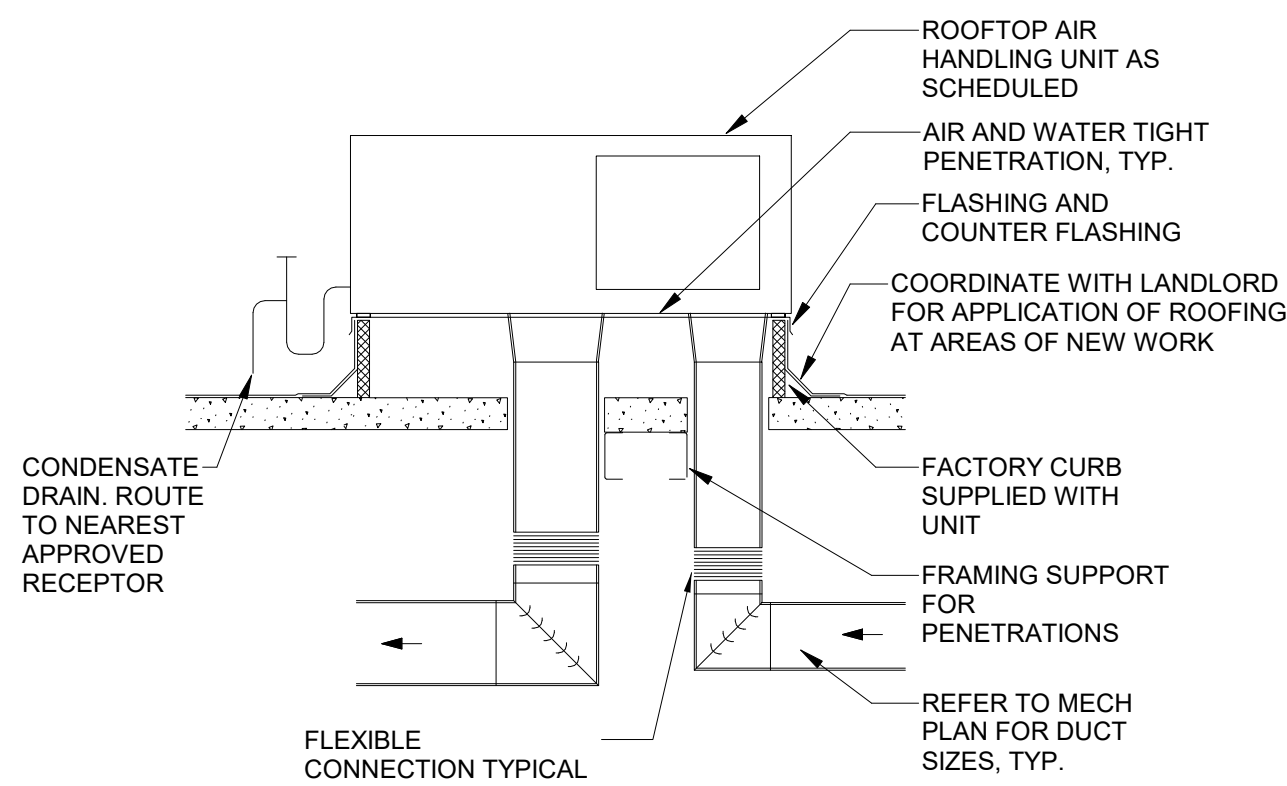
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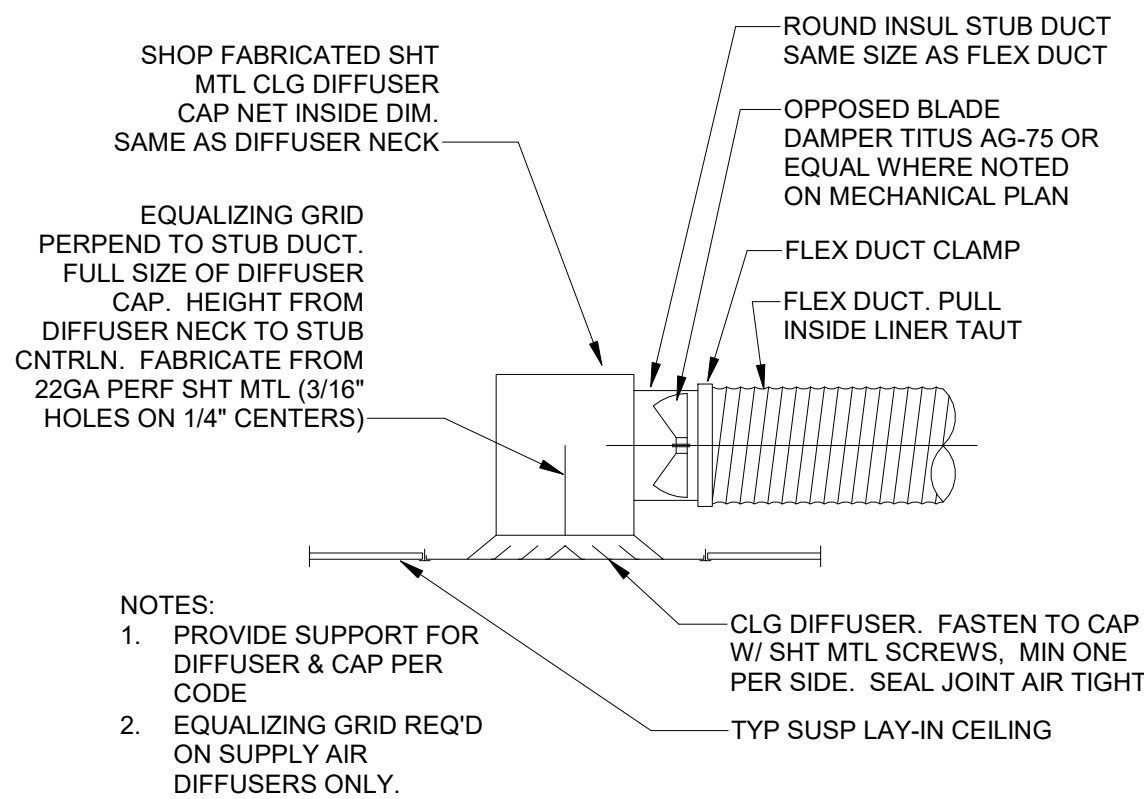
4 ROOF MOUNTED EXHAUST FAN DETAIL  
SCALE: NTS



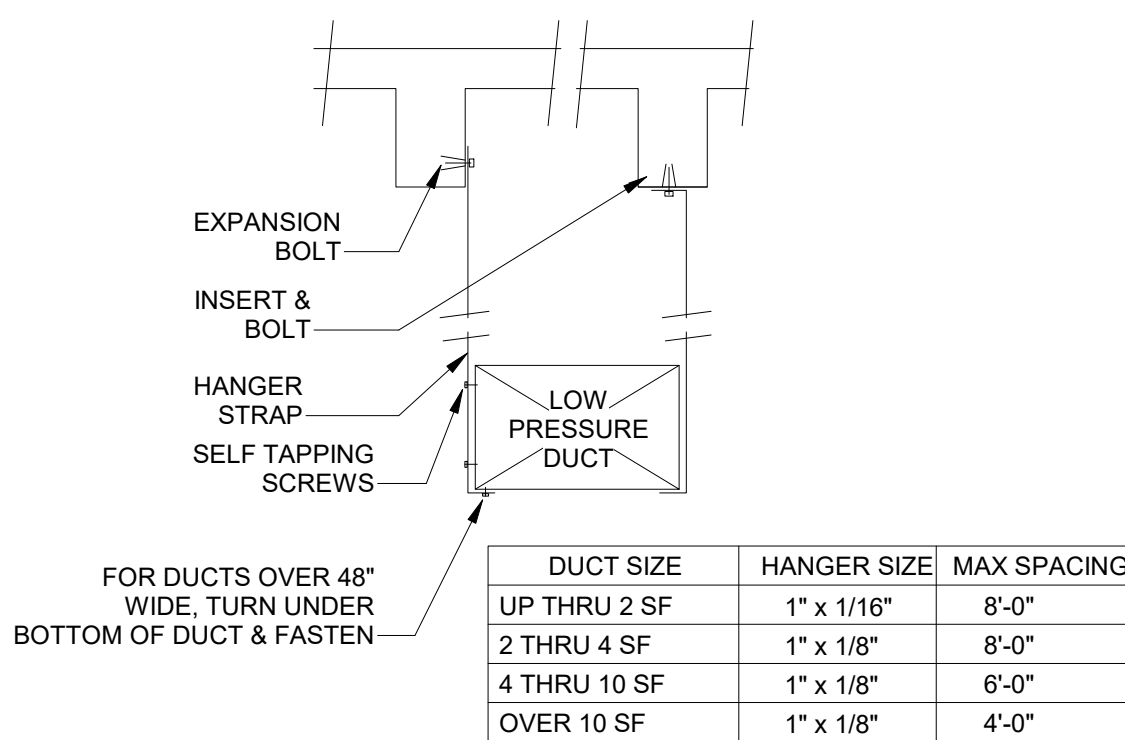
3 ROOFTOP UNIT DETAIL  
SCALE: NTS



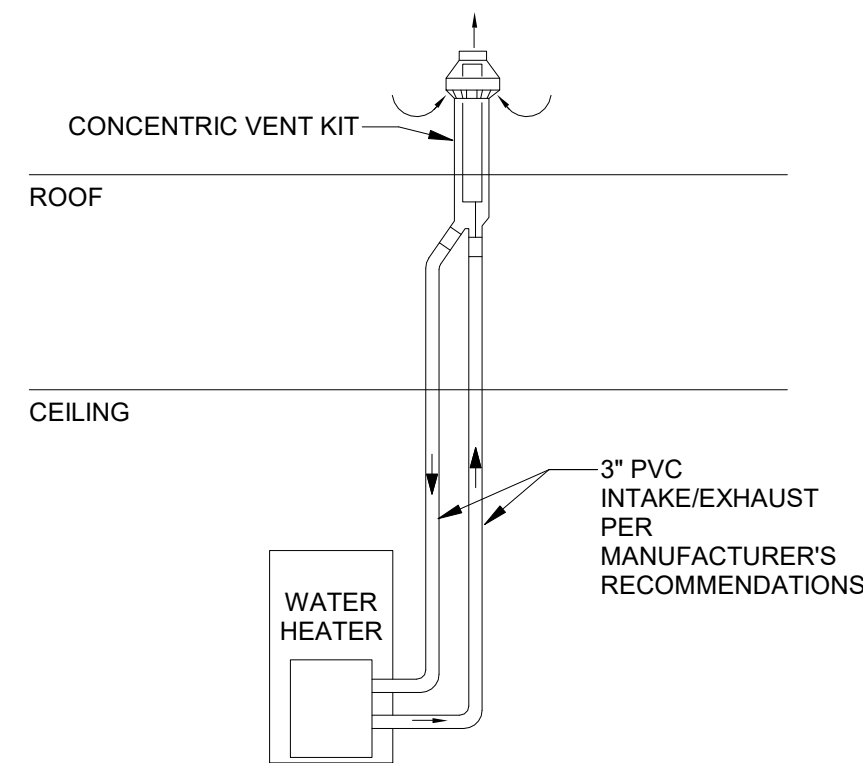
2 LAY-IN DIFFUSER DETAIL  
SCALE: NTS



1 DUCT HANGING DETAIL  
SCALE: NTS



5 WATER HEATER VENT DETAIL  
SCALE: NTS



HVAC LOAD SUMMARY						
ZONE LOADS	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Aug 1400			HEATING DATA AT DES HTG		
	COOLING OA DB / WB	96.4 °F / 74.9 °F		HEATING OA DB / WB	-1.0 °F / -2.5 °F	
	Details	Sensible (BTU/hr)	Latent (BTU/hr)	Details	Sensible (BTU/hr)	Latent (BTU/hr)
Window & Skylight Solar Loads	210 ft²	4225	-	210 ft²	-	-
Wall Transmission	962 ft²	1271	-	962 ft²	3088	-
Roof Transmission	2024 ft²	7359	-	2024 ft²	6982	-
Window Transmission	210 ft²	1968	-	210 ft²	7753	-
Skylight Transmission	0 ft²	0	-	0 ft²	0	-
Door Loads	82 ft²	1401	-	82 ft²	2303	-
Floor Transmission	2024 ft²	0	-	2024 ft²	2520	-
Partitions	0 ft²	0	-	0 ft²	0	-
Ceiling	0 ft²	0	-	0 ft²	0	-
Overhead Lighting	1619 W	5525	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	38	7211	6840	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	53953	7554	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	82913	14394	-	22646	0
Zone Conditioning	-	86160	14394	-	23210	0
Plenum Wall Load	0%	0	-	0	0	-
Plenum Roof Load	0%	0	-	0	0	-
Plenum Lighting Load	0%	0	-	0	0	-
Return Fan Load	4761 CFM	0	-	4761 CFM	0	-
Ventilation Load	900 CFM	19009	14251	900 CFM	66353	0
Supply Fan Load	4761 CFM	0	-	4761 CFM	0	-
Space Fan Coil Fans	-	0	-	-	0	-
Duct Heat Gain / Loss	0%	0	-	0%	0	-
>> Total System Loads	-	105169	28645	-	89563	0
Central Cooling Coil	-	105169	28656	-	0	0
Central Heating Coil	-	0	-	-	89563	-
>> Total Conditioning	-	105169	28656	-	89563	0
Key:	Positive values are clg loads		Negative values are htg loads		Positive values are htg loads	
	Negative values are htg loads		Positive values are clg loads		Negative values are clg loads	

FINAL BID/PERMIT SET - 09.04.2020



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(206) 318-1575

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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**



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Engineering Consultant

129-20



PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE**

**RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: DMC / NJD

Revision Schedule			
Rev	Date	By	Description

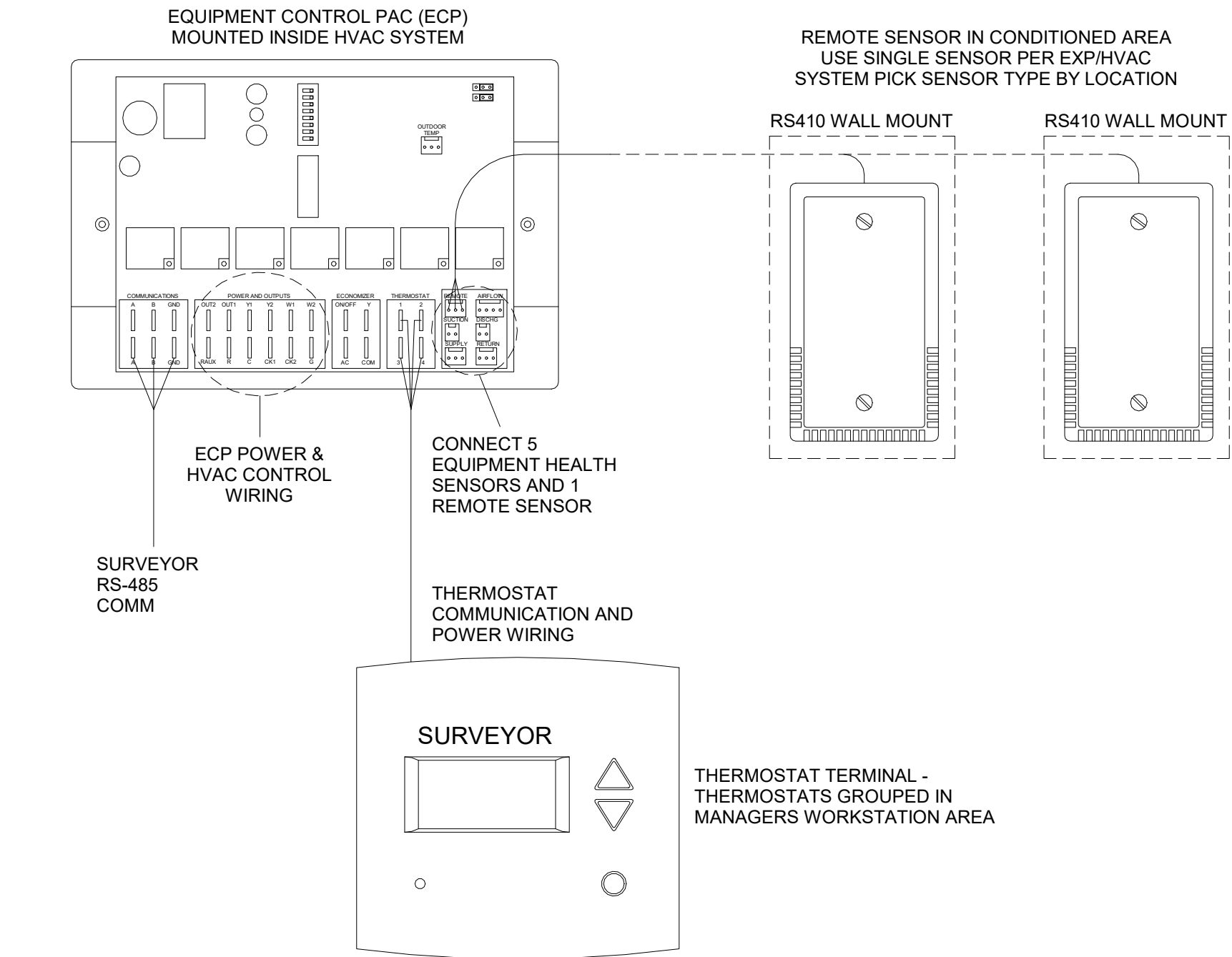
SHEET TITLE:  
**MECHANICAL DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:

M501

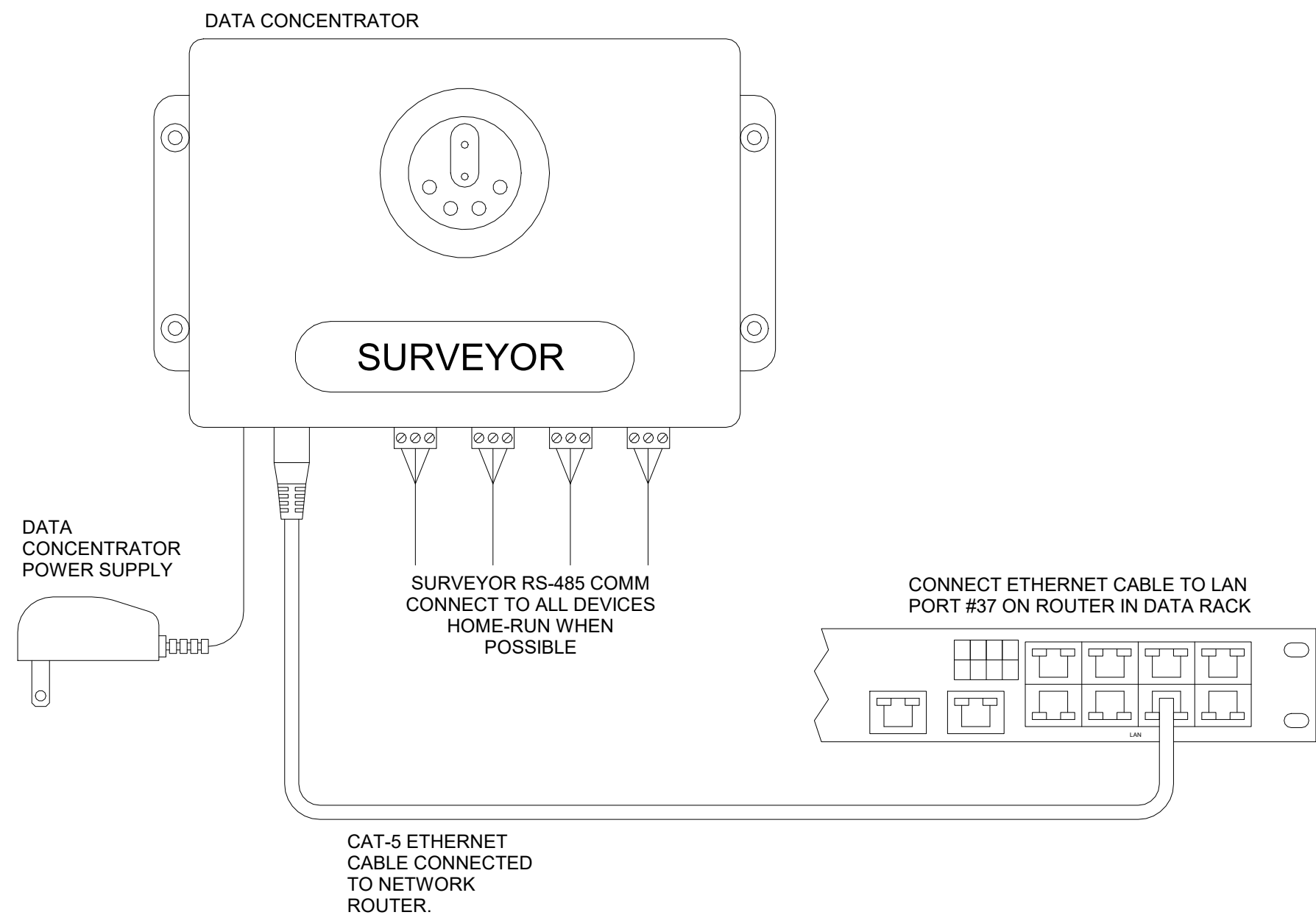




NOTES:  
1. OUTDOOR TEMPERATURE SENSOR CONNECTED TO ONE ECP ONLY PER LOCATION.  
FACE NORTH WHEN POSSIBLE.  
2. SEE GENERAL NOTES 7 AND 8 FOR REMOTE SENSOR MOUNTING LOCATION DETAILS.

### 3 Venstar EMS - No Lighting Control - HVAC Controls

SCALE: NTS



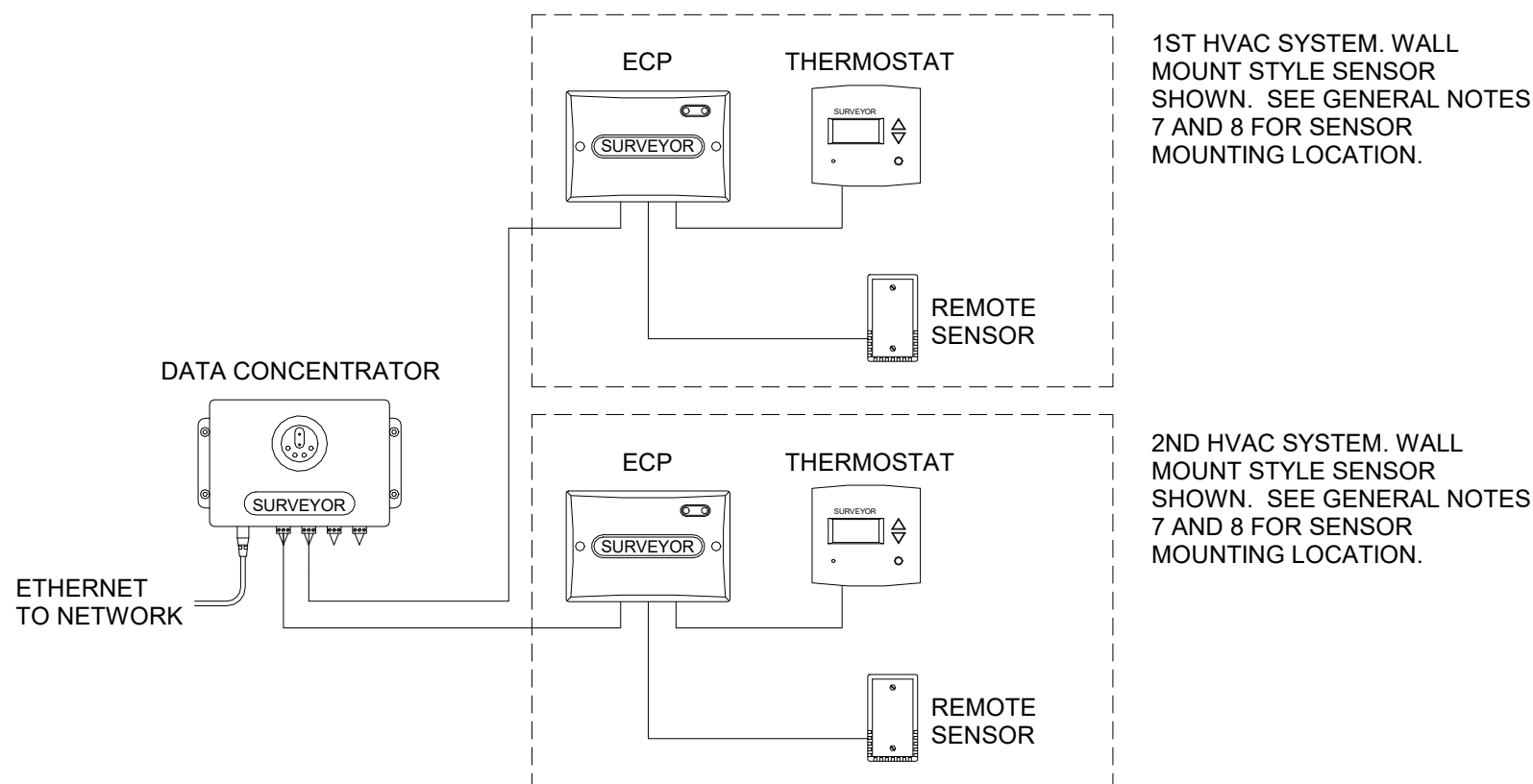
### 2 Venstar EMS - No Lighting Control - Data Concentrator

SCALE: NTS

#### 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](mailto: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 HVAC



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

SCALE: NTS



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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**



Engineering Consultant

129-20



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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**EMS DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**M502**

FINAL BID/PERMIT SET - 09.04.2020



ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
APPROX	APPROXIMATE
BLDG	BUILDING
CLG	CEILING
CO	CLEANOUT
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
EX	EXISTING
EXT	EXTERIOR
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
F&I	FURNISH & INSTALL
FLR	FLOOR
FOIC	FURNISHED BY OWNER,
FOIO	INSTALLED BY CONTRACTOR
	FURNISHED BY OWNER,
	INSTALLED BY OWNER
FPT	FEMALE PIPE THREAD
FS	FLOOR SINK
FT	FOOT/FEET
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GI	GREASE INTERCEPTOR
GT	GREASE TRAP
GW	GREASE WASTE
HR	HOOR
HS	HANDSINK
HVAC	HEATING, VENTILATION, AND AIR
	CONDITIONING
HW	HOT WATER
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
ID	INSIDE DIAMETER
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
OD	OUTSIDE DIAMETER
PC	PLUMBING CONTRACTOR
PS	PREP SINK
POC	POINT OF CONNECTION
REF	REFERENCE
REQ'D	REQUIRED
REV	REVISION
SHT	SHEET
SF	SQUARE FEET
SOW	SCOPE OF WORK
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
YCO	YARD
	CLEANOUT
	(EXTERIOR)

PLUMBING SYMBOL LEGEND

—SAN. OR GW—	SAN. OR GW	SANITARY OR GREASE WASTE PIPING
—V—	V	VENT PIPING
—CD—	CD	CONDENSATE DRAIN PIPING
—CW—	CW	COLD WATER PIPING
—HW—	HW	HOT WATER PIPING
—CWF—	CWF	COLD WATER FILTERED PIPING
—CWS—	CWS	COLD WATER SOFTENED PIPING
—TW—	TW	TEMPERED WATER PIPING
—G—	G	GAS PIPING
⌘	BV	BALANCING VALVE
⌘	SOV	SHUT OFF VALVE
— —	HB	HOSE BIBB
—  —	WCO	WALL CLEANOUT
⊕	FCO	FLOOR CLEANOUT
■	FD	FLOOR DRAIN (SQUARE)
⊗	FD	FLOOR DRAIN (ROUND)
○	HD	HUB DRAIN
⊞	FS	FLOOR SINK (SQUARE)
⊗	FS	FLOOR SINK (ROUND)
Ⓜ	WM	WATER METER
Ⓜ	GM	GAS METER
↺	BFP	BACKFLOW PREVENTER
⊕	POC	CONNECT TO EXISTING

EXISTING PIPING SHOWN ON PLANS IN A LIGHTER SHADE.

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, NOTICE WITH 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 "GCC". 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 SHELVEING 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). INSTAL DRAINS AT 2% SLOPE. 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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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**

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Engineering Consultant

129-20



PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE**

**RT. 291 & 150**

PROJECT ADDRESS:  
**155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY**

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: CLL / SMD

Revision Schedule				
Rev	Date	By	Description	

SHEET TITLE:  
**PLUMBING NOTES**

SCALE: AS SHOWN

SHEET NUMBER:  
**P001**

FINAL BID/PERMIT SET - 09.04.2020



CROSS CONNECTION CONTROL SCHEDULE			
FIXTURE	MAKE	MODEL	ASSE, ASME OR ANSI STANDARD
MOP SINK (FAUCET CONTAINS INTEGRAL BACKFLOW DEVICE)	WATTS & INTEGRAL	9DM2-S	ASSE 1012 ASSE 1001
DISHWASHER	WATTS	LF008PCQT	ASSE 1056
ICE MACHINE	AIR GAP	INTERNAL	ASSE A112.1.2
COFFEE BREWER	WATTS	SD-3	ASSE 1022
ESPRESSO MACHINE	WATTS	SD-3	ASSE 1022
WATER FILTER SYSTEM	WATTS	LF009QT	ASSE 1013
CHEMICAL DISPENSER	WATTS	LF009 W/ AIR GAP FITTING 909AGA	ASSE 1013
FREEZEPROOF HOSEBIBB	WATTS	LF8	ASSE 1011
HOSEBIBB FOR CHEM. DISP. @ MSB	WATTS	LF8	ASSE 1011
BLENDER PITCHER RINSER	WATTS	SD-3	ASSE 1022
3-COMPARTMENT SINK	AIR GAP	-	ASSE A112.1.2
WORK SINK	AIR GAP	-	ASSE A112.1.2
HAND SINKS	AIR GAP	-	ASSE A112.1.2
DROP-IN SINKS	AIR GAP	-	ASSE A112.1.2
LAVATORIES	AIR GAP	-	ASSE A112.1.2
WATER CLOSETS (FLUSH VALVE)	WATTS	118A	ASSE 1001
WATER HEATER	WATTS	LFN36	ANSI Z21.22
BUILDING WATER SUPPLY (BY LANDLORD)	WATTS	LF009 M2-QT OR EQUAL	ASSE 1013

ALL BRASS VALVES SHALL COMPLY WITH THE 2014 EPA LEAD FREE REQUIREMENTS.

### HOT WATER DEMAND REQUIREMENT

EQUIPMENT#	FIXTURE	NO. OF FIXTURES	TEMP. RISE	GPH PER FIX.	TOTAL GPH
10597 / 13588	HAND SINKS	3	100	5	15
10597	LAVATORIES	2	100	5	10
10152 / 10215	DROP-IN SINK	3	100	10	30
FUTURE EQ.	DROP-IN SINK	1	100	10	10
10922	MOP SINK BASIN	1	100	5	5
10447 / 10804	3 COMPARTMENT SINK	1	100	50	50

$$\frac{120 \text{ GAL.} \times 100^{\circ}\text{F} \times 8.33}{0.96} = 104,125 \text{ BTUH REQUIRED}$$

130,000 BTUH WATER HEATER TO BE INSTALLED. SEE SPECIFICATION ON SHEET P601.

### GAS LINE CALCULATION

TAG	MBH	GAS LINE SIZE TO EQUIPMENT
RTU-1	224	1-1/4"
RTU-2	180	1"
WH	130	1"
TOTAL MBH =	534	TOTAL PIPE SIZE = 1-1/2"

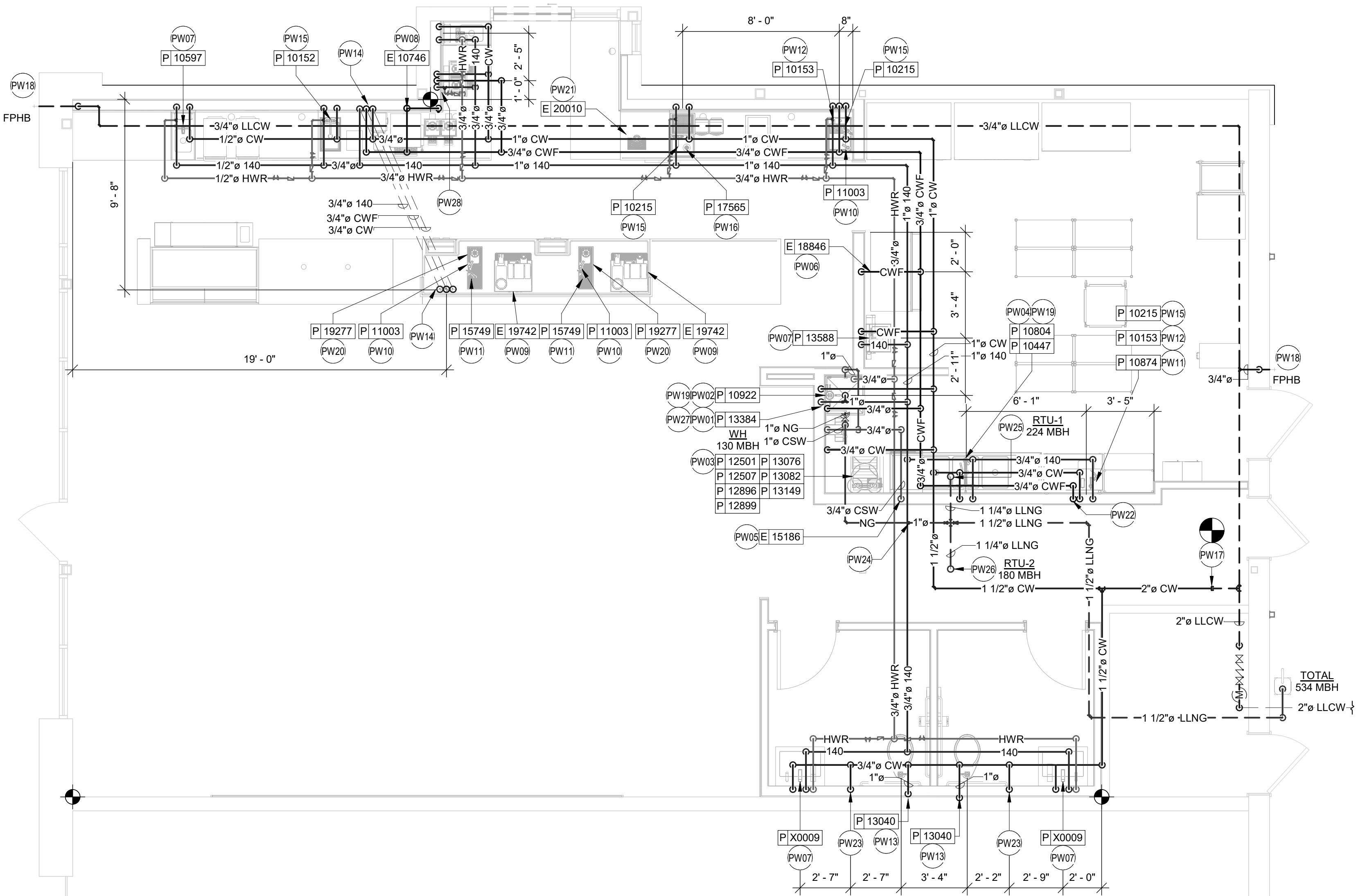
GAS PIPING IS SIZED PER TABLE 402.4(2) OF THE 2018 INTERNATIONAL FUEL & GAS CODE AND A DISTANCE OF 80' TO THE FURTHEST PIECE OF EQUIPMENT FROM THE METER.

### PLUMBING SUPPLY GENERAL NOTES

- FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.
- PLUMBING CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.
- ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.
- REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.
- COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.
- REFERENCE WORK LETTER FOR DIVISION OF PLUMBING SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.
- DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.
- REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.
- COLD WATER SUPPLY LINES INSIDE CASEWORK AND BAR AREA TO BE COVERED WITH (10MM) THICK SELF SEALING, SECTIONAL CLOSED-CELL FOAM INSULATION. REFER TO SPECIFICATIONS FOR HOT WATER SUPPLY LINE INSULATION REQUIREMENTS.
- INSULATE ALL PIPING INCLUDING PIPES AT BAR AND IN CASEWORK PER THE REQUIREMENTS LISTED IN THE PLUMBING PROJECT MANUAL.
- GENERAL CONTRACTOR SHALL CONTACT WATER FILTRATION SUPPLIER TO COORDINATE SOW AND SCHEDULE PRIOR TO INSTALLATION OF WATER FILTRATION SYSTEM.

### PLUMBING SUPPLY KEYED NOTES

- PW01 1" CSW & 3/4" HWR TO WATER HEATER & 1" HW FROM WATER HEATER. WATER HEATER AS SPECIFIED AND IN COMPLIANCE WITH APPLICABLE CODES AND ORDINANCES. DIMENSIONS OF THE HEATER SHALL ALLOW INSTALLATION ABOVE THE MOP SINK. REFER TO WATER HEATER DETAIL ON SHEET P501.
- PW02 1/2" HW & CW TO FAUCET AT MOP SINK. CAULK AND SEAL BACK OF SINK TO WALL. PROVIDE TACO MODEL 5122 OR APPROVED ASSE 1070 EQUAL POINT OF USE THERMOSTATIC MIXING VALVE AT MOP SINK TO PROVIDE 120" WATER.
- PW03 1" CW TO WATER FILTER AND 1" CSW & 3/4" CWF FROM WATER FILTER. PLUMBING CONTRACTOR TO FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ACTIVATION PROCEDURES FOR FILTERS. VERIFY REQUIREMENTS PRIOR TO BID. SEE DETAIL ON SHEET P501.
- PW04 3/4" HW & CW TO FAUCET AND SPRAY AT COMPARTMENT SINK. CAULK AND SEAL BACK OF SINK TO WALL. PROVIDE TACO MODEL 5123 OR APPROVED ASSE 1070 EQUAL POINT OF USE THERMOSTATIC MIXING VALVE AT COMPARTMENT SINK TO PROVIDE 120" WATER.
- PW05 3/4" CSW TO DISHWASHER. INSTALL SHUT-OFF WITH 3/4" MALE HOSE-END FITTING @ 18" A.F.F. UNDER COMPARTMENT SINK. SHUT-OFF TO INCLUDE PRESSURE REDUCING VALVE, PRESSURE GAUGE (SET @ 20 PSI, +/- 5 PSI), LINE STRAINER, AND SHOCK ARRESTOR IN WALL. CONNECT SANITIZER TO CSW SUPPLY WITH 72" LONG BRAIDED STAINLESS STEEL HOSE. PROVIDE 3/8" TEE OFF OF COLD WATER LINE SERVING 3-COMPARTMENT SINK AND CONNECT TO DRAIN WATER TEMPERING KIT ACCESSORY ON DISHWASHER TO PROVIDE 140" MAX. WASTE WATER DISCHARGE TO DRAINAGE SYSTEM.
- PW06 1/2" CWF TO ICE MACHINE. REDUCE TO 3/8" AT MACHINE.
- PW07 1/2" HW & CW TO SINK. PROVIDE TACO MODEL 5122 OR APPROVED EQUAL POINT OF USE THERMOSTATIC MIXING VALVE AT EACH HAND SINK TO PROVIDE 110" TEMPERED WATER.
- PW08 3/4" CWF TO SERVE COFFEE BREWER AND FUTURE AERO BREWER. INSTALL SHUT-OFFS IN CABINET @ 24" AFF. REDUCE TO 3/8" AT UNIT. PROVIDE ASSE 1022 BACKFLOW PREVENTER. PROVIDE CWF STUB FOR FUTURE AERO BREWER PER STARBUCKS GUIDELINES.
- PW09 1/2" CWF TO ESPRESSO MACHINE PUMP. SEE DETAIL PROVIDED ON SHEET P501. PROVIDE ASSE 1022 BACKFLOW PREVENTER.
- PW10 1/2" CW TO DIPPERWELL FAUCET. REDUCE TO 1/4" AT UNIT.
- PW11 1/2" CWF TO INSTAHOT TAP. REDUCE TO 1/4" AT UNIT.
- PW12 1/2" CWF TO WATER TOWER FAUCET LOCATED IN WATER STATION.
- PW13 1" CW TO TOILET. PROVIDE WATER HAMMER ARRESTOR IN SUPPLY LINE.
- PW14 3/4" CWF, CW AND HW TO DROP DOWN IN WALL, ROUTE UNDERSLAB AND STUB UP IN CABINERY FOR FRONT BAR AREA. CONNECT TO EQUIPMENT (2) 15749, (2) 19277, (2) 11003 AND (2) 19742. REFER TO NOTES 9, 10, 11, AND 20. VERIFY ROUTING IN FIELD WITH GC PRIOR TO INSTALLATION.
- PW15 1/2" HW & CW TO SINK. PROVIDE TACO MODEL 5122 OR APPROVED ASSE 1070 EQUAL POINT OF USE THERMOSTATIC MIXING VALVE AT EACH WORK SINK TO PROVIDE 120" HOT WATER.
- PW16 1/2" CW SUPPLY TO PITCHER RINSER SINK. PROVIDE AN ASSE 1022 BACKFLOW PREVENTER AND ANY ADDITIONAL VALVES AS REQUIRED BY CODE AND MANUFACTURES INSTALLATION INSTRUCTIONS.
- PW17 MAKE CONNECTION TO 2" WATER LINE STUBBED INTO PREMISES BY LANDLORD. LANDLORD TO PROVIDE METER AND BACKFLOW PREVENTER IN LOCATION SHOWN. VERIFY THAT THE DOMESTIC WATER SERVICE IS ADEQUATE TO SUPPLY A MINIMUM OPERATING FLOW RATE OF 50 GALLONS PER MINUTE; AT A MINIMUM 50 PSIG AND A MAXIMUM OF 65 PSIG DYNAMIC PRESSURE AT ALL TIMES. IF FLOW RATE OR PRESSURE IS NOT SUFFICIENT, LANDLORD SHALL SIZE, FURNISH AND INSTALL A BOOSTER PUMP IN A LOCATION AGREED UPON WITH THE TENANT. ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL CODES. CONTRACTOR SHALL FIELD VERIFY REQUIREMENTS PRIOR TO BID. BID SHALL INCLUDE ALL WORK NECESSARY FOR A FULLY OPERATIONAL SYSTEM. SEE LANDLORD & CIVIL DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION.
- PW18 FREEZE PROOF HOSE BIBS BY LANDLORD. COORDINATE PROVISION OF HOSE BIBS WITH LANDLORD AND VERIFY REQUIREMENTS PRIOR TO COMMENCING WORK. HOSE BIB MUST BE CONNECTED TO 1/2" INSULATED, COPPER PIPE AND RUN WITHIN CONDITIONED SPACE. IT MUST BE EXPOSED AND VISIBLE FOR TENANT'S CONNECTION. VERIFY LOCATION WITH CONSTRUCTION MANAGER.
- PW19 PROVIDE A BACKFLOW PREVENTER FOR CHEMICAL DISPENSERS AT MOP SINK AND 3-COMPARTMENT SINK AS REQUIRED BY AHJ. VERIFY REQUIREMENTS PRIOR TO COMMENCING WORK.
- PW20 1/2" CW SUPPLY FOR IN-COUNTER RINSER AT 20-1/2" AFF FOR BACK BAR PITCHER RINSER. FRONT BAR PITCHER RINSERS TO BE ROUTED FROM UNDER COUNTER WATER PIPING. SEE NOTE 14 FOR ADDITIONAL INFORMATION.
- PW21 INSTALL N/2-FUSION - NITRO DISPENSING SYSTEM PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE ROUTING, INSTALLATION AND RESPONSIBILITY WITH GENERAL CONTRACTOR AND STARBUCKS NITROGENATION VENDOR.
- PW22 PROVIDE 3/4" CWF AND 1/2" HW & CW DROP FOR WATER FILLING STATION.
- PW23 1/2" CW DOWN IN WALL TO ACCESSIBLE TRAP PRIMER FOR FLOOR DRAIN BY LANDLORD.
- PW24 MAKE CONNECTION TO NATURAL GAS LINE STUB BY LANDLORD. LANDLORD TO PROVIDE METER AND ANY REQUIRED VALVING. VERIFY THAT SERVICE IS ADEQUATE TO SUPPLY 534 MBH. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH LOCAL CODES. BID SHALL INCLUDE ALL WORK FOR A FULLY OPERATIONAL SYSTEM. ALL GAS PIPE SIZES SHOWN FOR LOW PRESSURE (LESS THAN 2 LBS.). VERIFY EXACT LOCATION, PRESSURE AND REQUIREMENTS ON SITE. SEE LANDLORD & CIVIL DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION.
- PW25 1-1/4" GAS TO MECHANICAL RTU-1 ON ROOF WITH APPROVED SHUT-OFF VALVE & DIRT LEG BY LANDLORD.
- PW26 1" GAS TO MECHANICAL RTU-1 ON ROOF WITH APPROVED SHUT-OFF VALVE & DIRT LEG BY LANDLORD.
- PW27 MAKE CONNECTION TO LANDLORD PROVIDED STUB AND EXTEND 1" GAS TO WATER HEATER WITH APPROVED SHUT-OFF VALVE & DIRT LEG.
- PW28 3/4" CW, CWF AND HW DOWN IN WALL FOR FUTURE EQUIPMENT CONNECTION. PROVIDE WITH SHUTOFF VALVE. FIELD VERIFY ROUTING OF PIPING PRIOR TO COMMENCING WORK.



## 1 PLUMBING SUPPLY PLAN

1/4" = 1'-0"

FINAL BID/PERMIT SET - 09.04.2020



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STARBUCKS TEMPLATE VERSION i2020-01-31

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Engineering Consultant

129-20



PROJECT NAME:  
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COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
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STORE #: 63039  
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ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: C.L.L. / S.M.D

#### Revision Schedule

Rev	Date	By	Description

SHEET TITLE:  
**PLUMBING SUPPLY  
PLAN**

SCALE: AS SHOWN

SHEET NUMBER:

P101



### GREASE INTERCEPTOR CALC.

DESCRIPTION	QTY	F.U. EACH	TOTAL
MOP SINK	1	3	3
3" OUTLET FLOOR SINK	7	5	35
3" OUTLET FLOOR DRAIN	2	5	10
HAND SINK	3	1	3
TOTAL D.F.U.			51
51 D.F.U. / 2 =		25.5 GPM	
25.5 GPM X 30 MINUTE RETENTION TIME =		765 GALLONS	
1,000 GALLON MINIMUM GREASE INTERCEPTOR REQUIRED. PER LANDLORD'S CIVIL PLANS, LANDLORD IS TO INSTALL A 1,500 GALLON GREASE INTERCEPTOR.			

### DFU CALCULATION

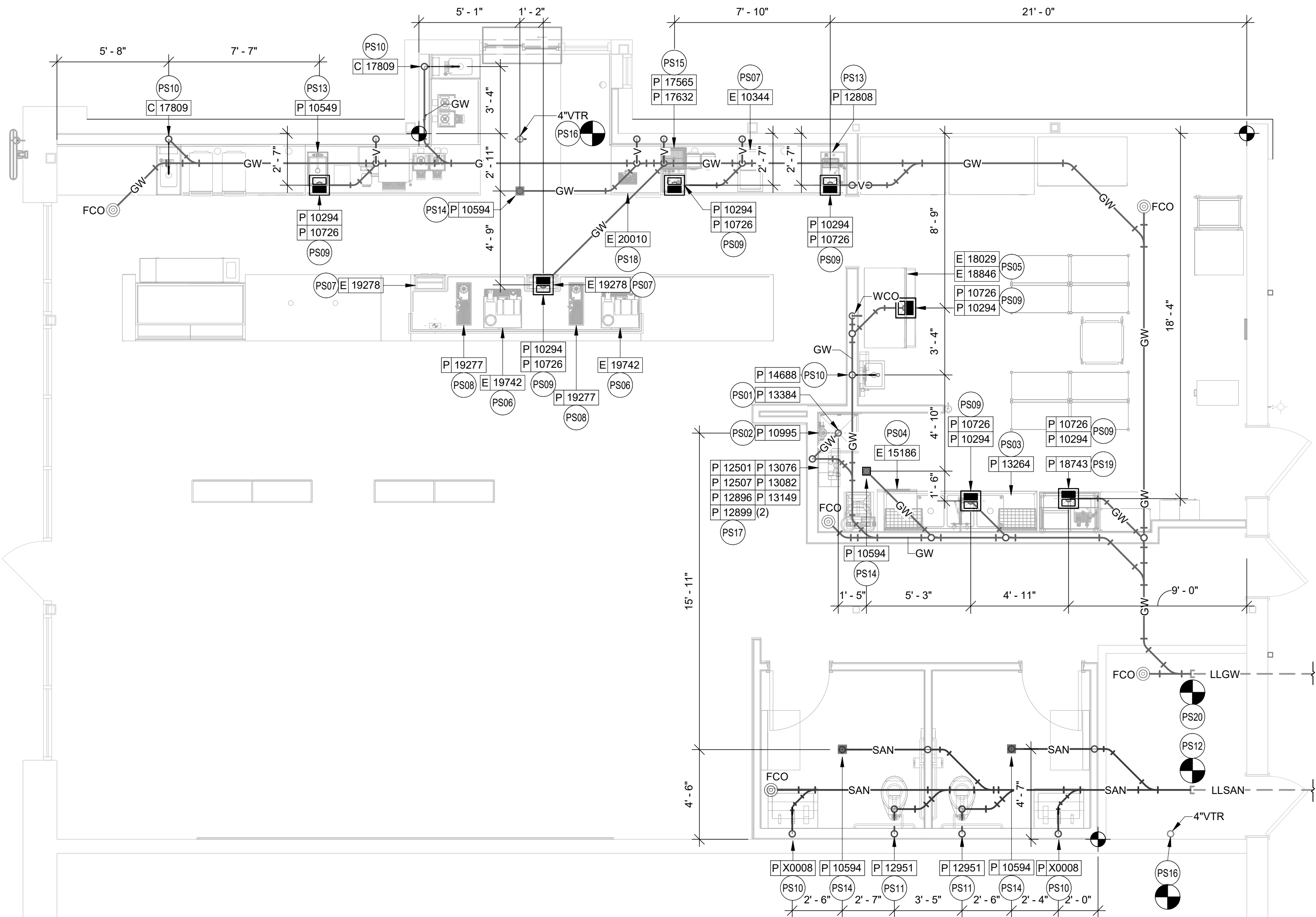
DESCRIPTION	QTY	F.U. EACH	TOTAL
WATER CLOSET	2	4	8
LAVATORY	2	1	2
MOP SINK	1	3	3
3" OUTLET FLOOR SINK	7	5	35
3" OUTLET FLOOR DRAIN	4	5	20
HAND SINK	3	1	3
TOTAL D.F.U.			71
71 D.F.U. = 4" MINIMUM SANITARY SEWER			

### PLUMBING WASTE GENERAL NOTES

- A. ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.
- B. REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.
- C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.
- D. DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.
- E. REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.
- F. WHEN BUNDLING SEVERAL INDIRECT WASTE LINES TO DRAIN INTO A FLOOR SINK, A UNISTRUT IS REQUIRED FOR SECURING AND BRACING ALL LINES ABOVE THE DRAIN.
- G. 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
- H. FURNISH & INSTALL WALL CLEANOUTS AT ALL SINKS AND AS NEEDED AND PER CODE (NOT ALL SHOWN).
- I. INSULATE ICE BIN DRAINAGE PIPES PER THE REQUIREMENTS ON THE PLUMBING SPECIFICATION SHEET.

### PLUMBING WASTE KEYED NOTES

- PS01 1" INDIRECT DRAIN FROM DRIP PAN AND 3/4" PRESSURE RELIEF FROM WATER HEATER TO MOP SINK. SEE DETAIL ON SHEET PS01 FOR ADDITIONAL INFORMATION.
- PS02 3" WASTE FROM MOP SINK.
- PS03 2" INDIRECT DRAINS FROM THE 3-COMP SINK TO FLOOR SINK. FLOOR SINK UTILIZED FOR THE 3 COMP AND DISHWASHER TO BE ROUTED TO AN EXTERIOR GREASE INTERCEPTOR.
- PS04 1-1/2" INDIRECT DRAIN FROM DISHWASHER TO FUNNEL OVER FLOOR SINK (IF PERMITTED). 1-1/2" TRADE SIZE PIPE MINIMUM REDUCED TO 3/4" FPT CONNECTION.
- PS05 (2) 3/4" INDIRECT DRAIN FROM ICE MACHINE AND BIN TO INDIRECT DRAIN AT FLOOR SINK.
- PS06 5/8" DRAIN HOSE FROM ESPRESSO MACHINE TO INDIRECT DRAIN RISER. SEE DETAIL ON SHEET PS01.
- PS07 1" INDIRECT INSULATED DRAIN LINE FROM ICE BIN DROP TO FLOOR SINK.
- PS08 1" INDIRECT WASTE FROM DRAIN HOSE OF THE WARE RINSER TO FLOOR SINK AS REQUIRED.
- PS09 3" WASTE FROM FLOOR SINK. GENERAL CONTRACTOR MAY NEED TO MODIFY CABINET BASE TO ALLOW ACCESS TO FLOOR SINK.
- PS10 2" WASTE FROM SINK.
- PS11 4" WASTE FROM TOILET. CONTRACTOR TO VERIFY THAT A 1/4" SLOPE FROM TOILET WASTE CAN BE ACHIEVED WITH GENERAL CONTRACTOR BEFORE INSTALLING LOW FLUSH TOILET.
- PS12 MAKE NEW CONNECTION TO LANDLORD PROVIDED MINIMUM 4" SANITARY SEWER WASTE LINE TO THE PREMISES, DEDICATED TO THE TENANTS USE. THE INVERT ELEVATION AT THE FURTHEST POINT OF CONNECTION SHALL BE A MINIMUM DEPTH OF 27" BELOW FINISHED FLOOR AND MAINTAIN A MINIMUM SLOPE OF 1/4" PER LINEAL FOOT AND SHALL BE PER LOCAL CODE. SEE LANDLORD'S PLUMBING AND CIVIL DRAWINGS FOR CONTINUATION.
- PS13 1-1/2" INDIRECT DRAIN TO FLOOR SINK.
- PS14 3" WASTE FROM FLOOR DRAIN. PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS.
- PS15 (2) 1-1/2" INDIRECT DRAINS FROM PITCHER RINSER SINK TO FLOOR SINK.
- PS16 MAKE CONNECTION TO EXISTING 4" VENT THROUGH ROOF BY LANDLORD. A MINIMUM OF 10" CLEARANCE TO AIR INTAKES SHALL BE MAINTAINED. VERIFY EXACT LOCATION, SIZE AND REQUIREMENTS ON SITE. SEE LANDLORD DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION.
- PS17 INDIRECT DRAIN FROM WATER EQUIPMENT TO NEAREST DRAIN RECEPTACLE. CONTRACTOR TO VERIFY EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER. SEE DETAIL ON SHEET PS01.
- PS18 ROUTE INDIRECT WASTE FROM THE DRAIN TRAY AND 1/2" INDIRECT CONDENSATE WASTE FORM THE COLD BREW NITRO SYSTEM TO FLOOR SINK. INSTALL PER MANUFACTURER'S RECOMMENDATION. COORDINATE INSTALLATION AND RESPONSIBILITY WITH GENERAL CONTRACTOR AND STARBUCKS NITROGENATION VENDOR.
- PS19 ROUTE 1" INDIRECT WASTE FROM THE DRAIN TRAY TO FLOOR SINK.
- PS20 MAKE NEW CONNECTION TO LANDLORD PROVIDED MINIMUM 4" GREASE WASTE LINE TO THE PREMISES, DEDICATED TO THE TENANTS USE. THE INVERT ELEVATION AT THE FURTHEST POINT OF CONNECTION SHALL BE A MINIMUM DEPTH OF 27" BELOW FINISHED FLOOR AND MAINTAIN A MINIMUM SLOPE OF 1/4" PER LINEAL FOOT AND SHALL BE PER LOCAL CODE. LANDLORD PROVIDED A 1,500 GALLON EXTERIOR GREASE INTERCEPTOR SIZED PER CODE AND INSTALLED PER ALL LOCAL REQUIREMENTS. SEE LANDLORD'S PLUMBING AND CIVIL DRAWINGS FOR CONTINUATION.



1

## PLUMBING WASTE & VENT PLAN

1/4" = 1'-0"



FINAL BID/PERMIT SET - 09.04.2020



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### Revision Schedule

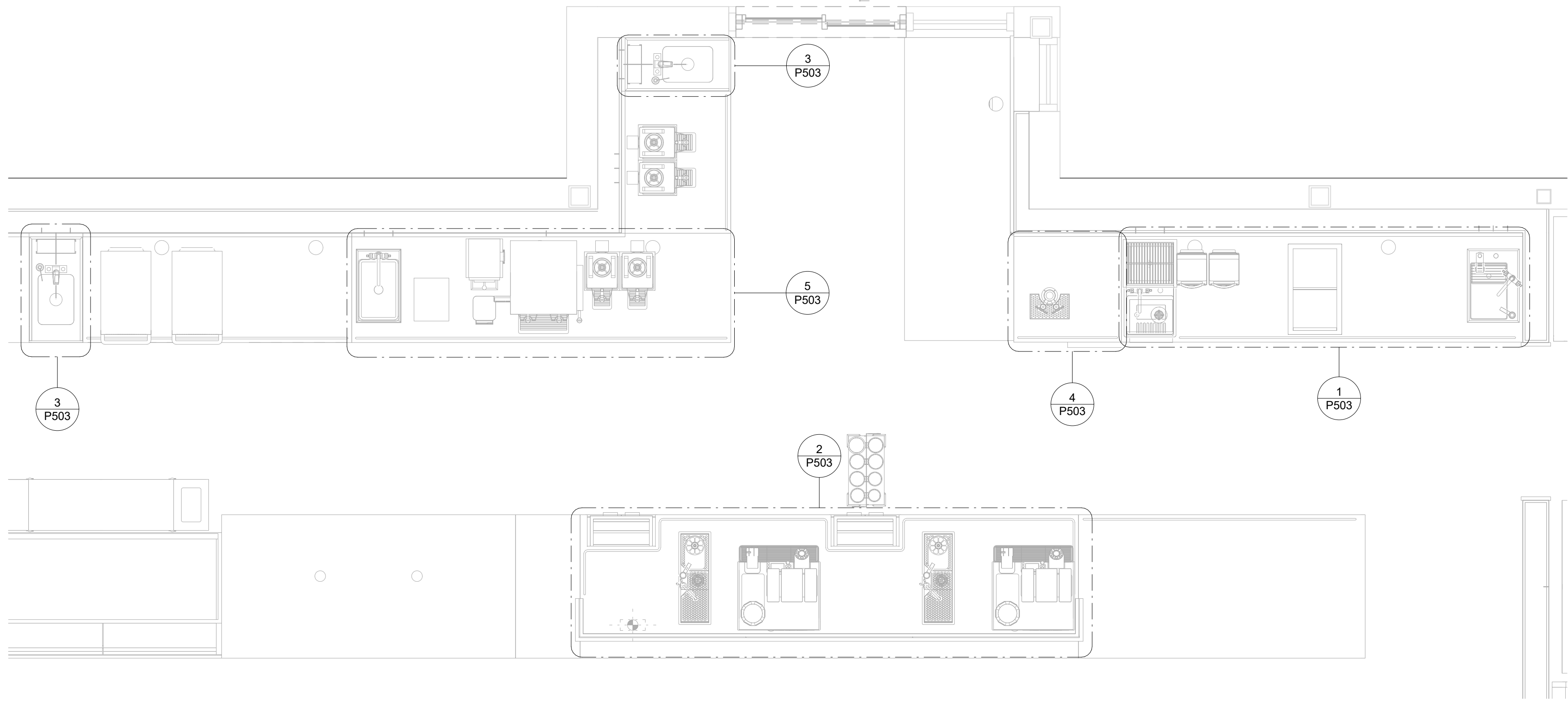
Rev	Date	By	Description

SHEET TITLE:  
PLUMBING WASTE &  
VENT PLAN  
SCALE: AS SHOWN

SHEET NUMBER:

P102






1 ENLARGED PLUMBING PLACEMENT PLAN  
1/2" = 1'-0"



FINAL BID/PERMIT SET - 09.04.2020




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**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
**155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY**

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLOSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: CLL / SMD

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**ENLARGED PLUMBING  
PLACEMENT PLAN**

SCALE: AS SHOWN

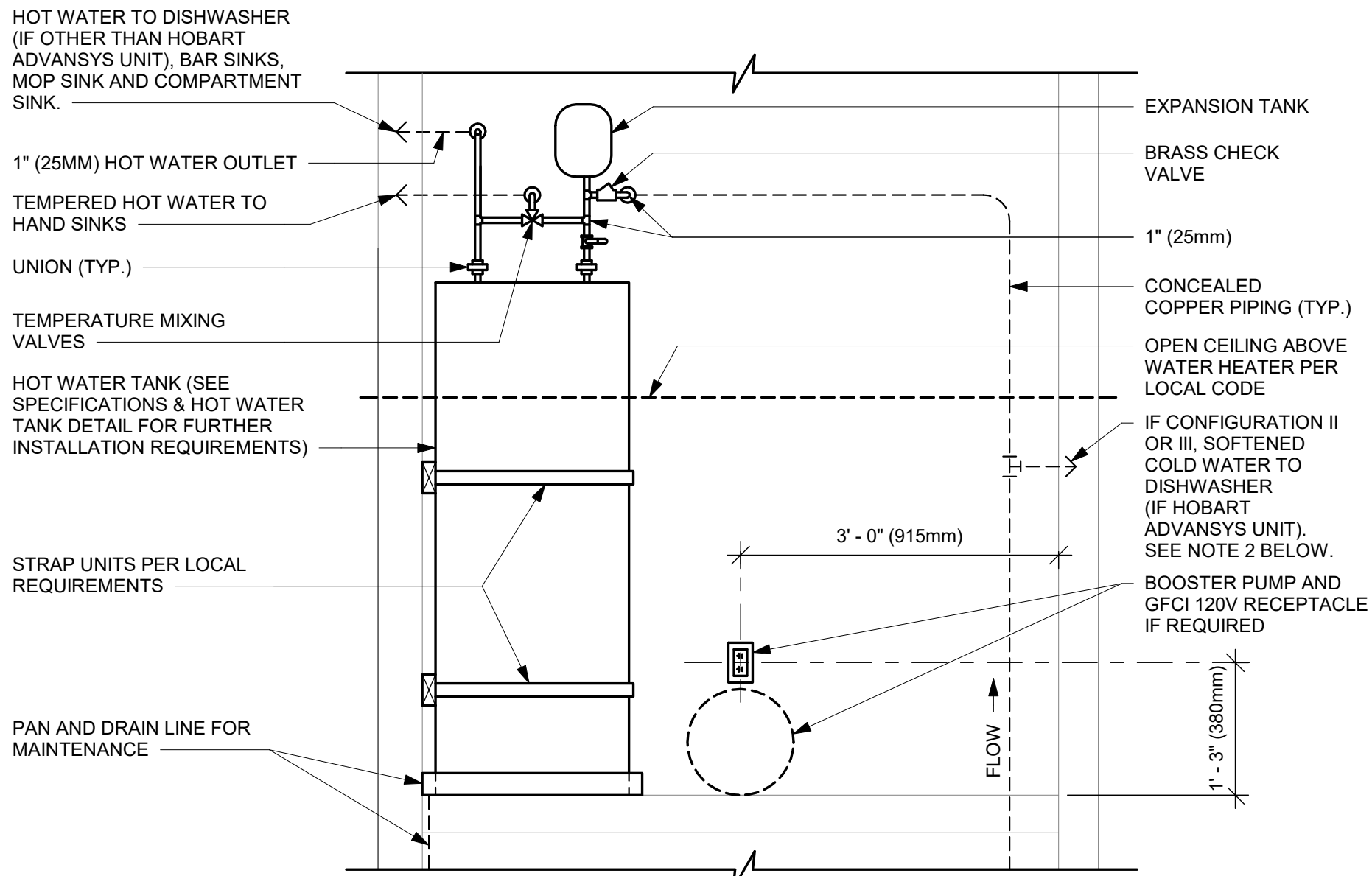
SHEET NUMBER:  
**P103**





P104



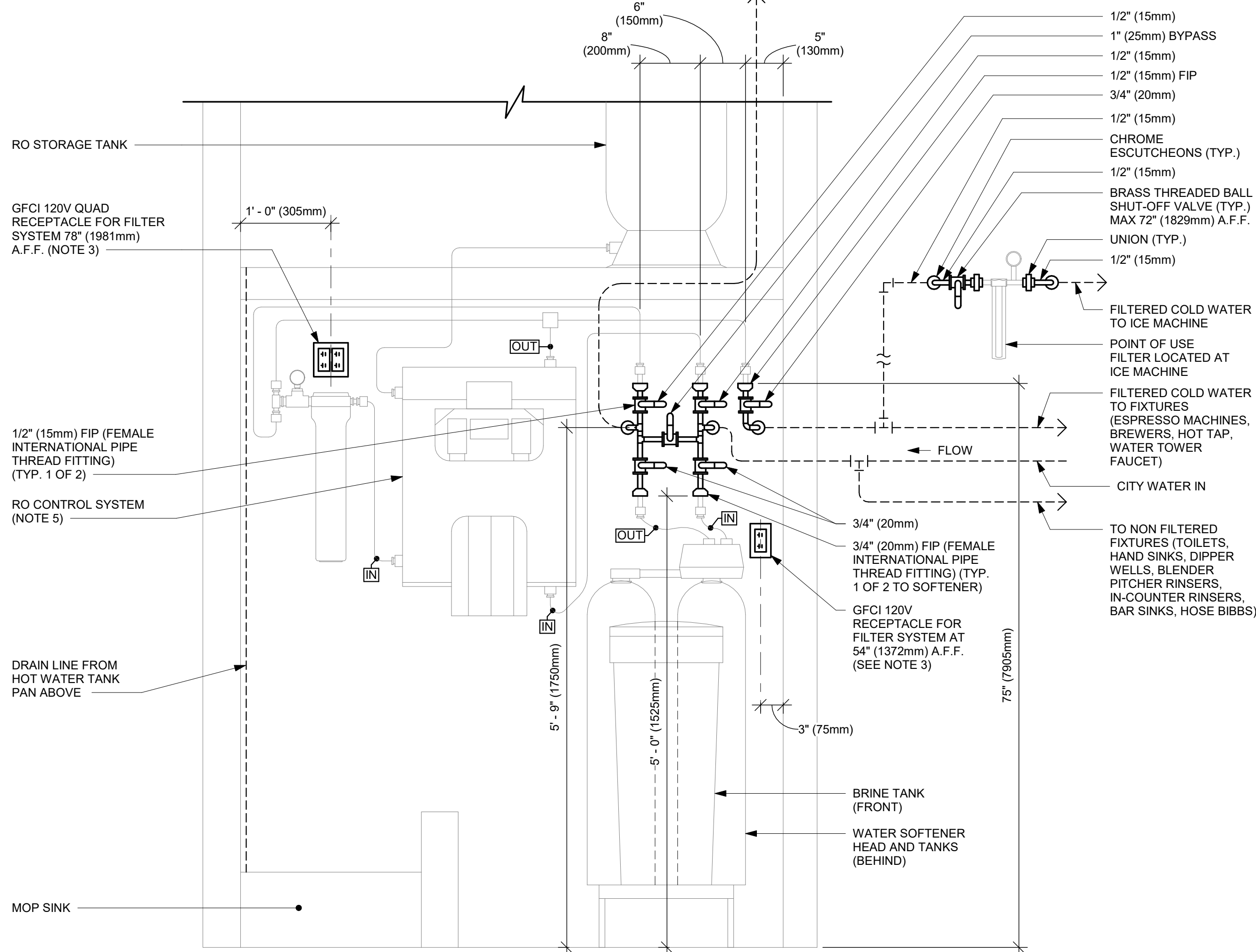


- NOTES:
1. ALL COMPONENTS DRAWN IN BOLD ARE GC RESPONSIBILITY.
  2. ALL PIPING SHALL BE COPPER EXCEPT PEX TYPE PIPING WHICH IS ACCEPTABLE BETWEEN FILTER SYSTEM COMPONENTS AND ADVANSYS DISHWASHER WHERE ALLOWED BY CODE.
  3. COORDINATE WITH ELECTRICAL CONTRACTOR FOR RECEPTACLES.

## 1 HOT WATER TANK - PLUMBING

3/4" = 1'-0"

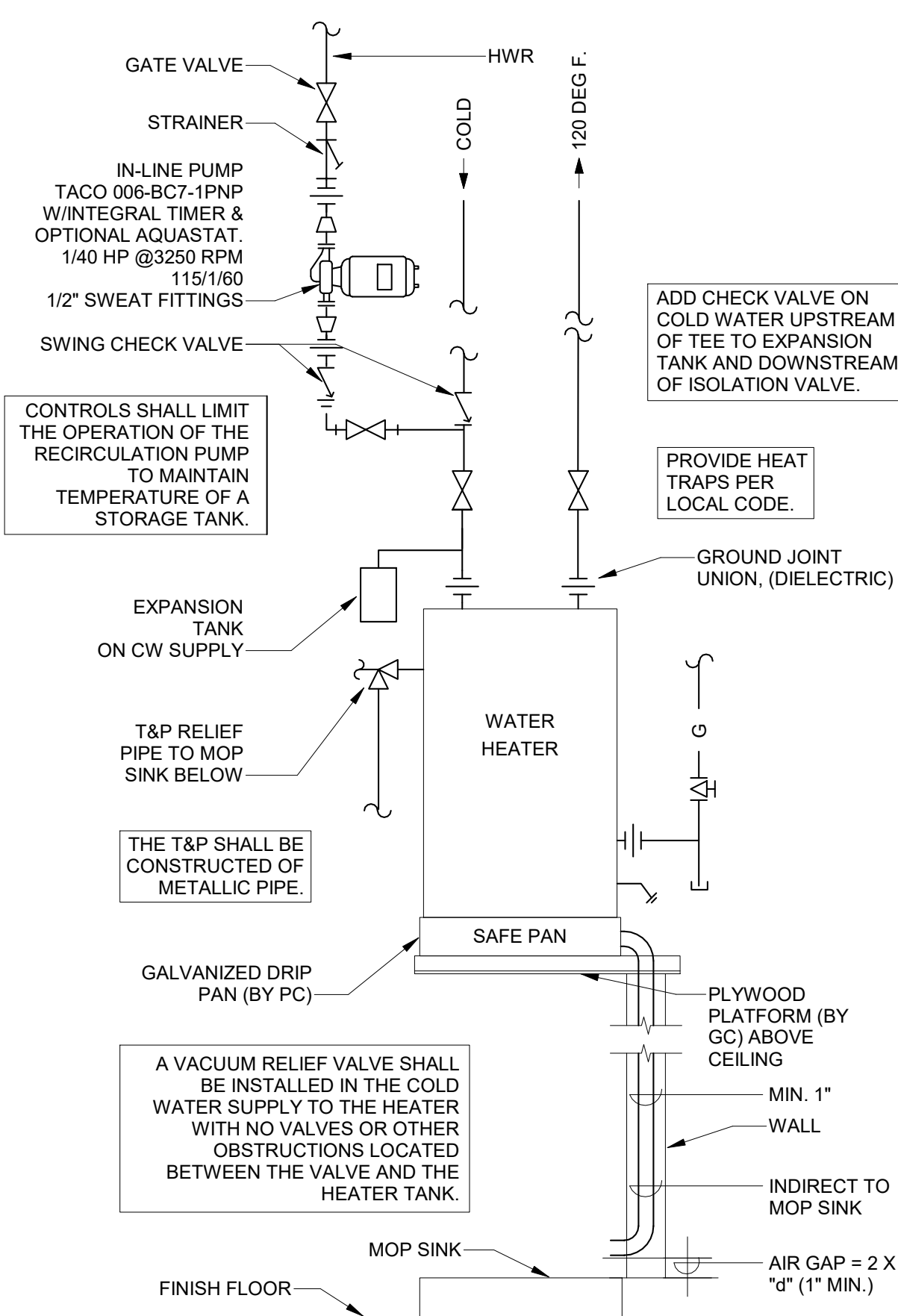
TO HOT WATER TANK PLUMBING ABOVE. SEE **HOT WATER TANK** DETAIL FOR MORE INFORMATION



- 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 AND ADVANSYS DISHWASHER WHERE ALLOWED BY CODE.
  3. COORDINATE WITH ELECTRICAL CONTRACTOR FOR RECEPTACLES.
  4. PROVIDE WATER SOFTENER INDIRECT DRAIN TO SINK, INSTALLED PER CODE. (CONFIRM REQUIREMENTS WITH SOFTENER EQUIPMENT CUTSHEETS IN ITEM SPECIFICATIONS).
  5. IN MUNICIPALITIES WITH BRINE RESTRICTIONS, REFER TO THE WATER SYSTEM CONFIGURATIONS APPENDIX UNDER ITEM SPECIFICATIONS FOR WATER SOFTENER EXCHANGE TANK SCHEMATIC.
  6. COMPONENTS ARE TO BE POSITIONED TO MAXIMIZE ACCESS FOR REGULAR SERVICING. PRE-FILTER, BYPASS VALVES, AND SOFTENER TANKS MUST BE INSTALLED 72" (1828MM) AFF OR LOWER.

## 5 CONFIGURATION III, RO AND SOFTENER WATER FILTRATION

1" = 1'-0"

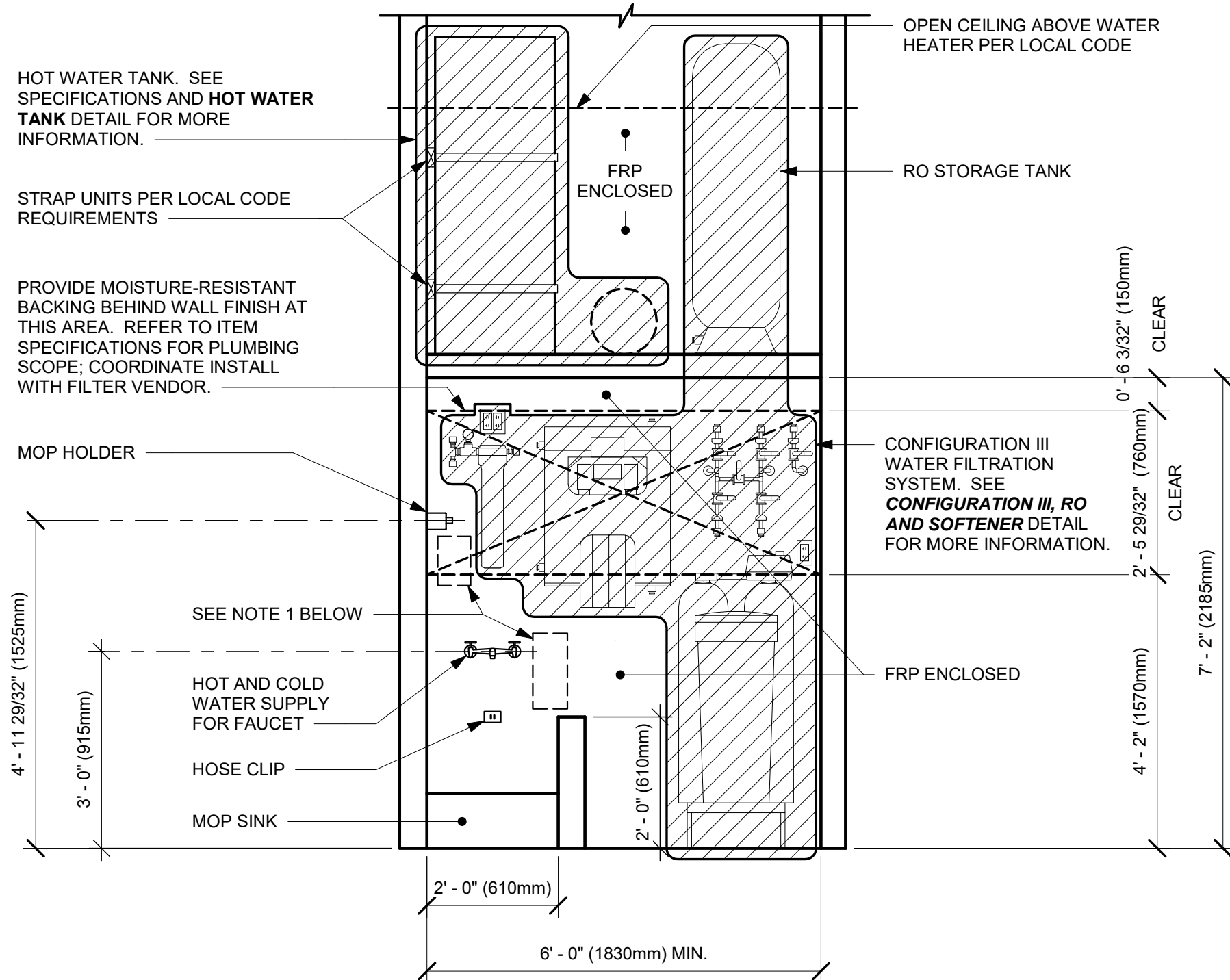


## 2 GAS WATER HEATER DETAIL

1/4" = 1'-0"

## 3 MOP SINK (STACKED) - PLUMBING

3/4" = 1'-0"



- 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.

## 4 CONFIGURATION III

1/2" = 1'-0"



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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**

William J. Alkemeyer, P.E.  
353 Marshall Avenue  
St. Louis, Missouri 63119  
Phone (314) 772-1782  
Fax (314) 373-3514

Engineering Consultant

129-20



FINAL BID/PERMIT SET - 09.04.2020

PROJECT NAME:  
**BUILDOUT OF STARBUCKS  
COFFEE  
RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: CLL / SMD

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:  
**PLUMBING DETAILS**

SCALE: AS SHOWN

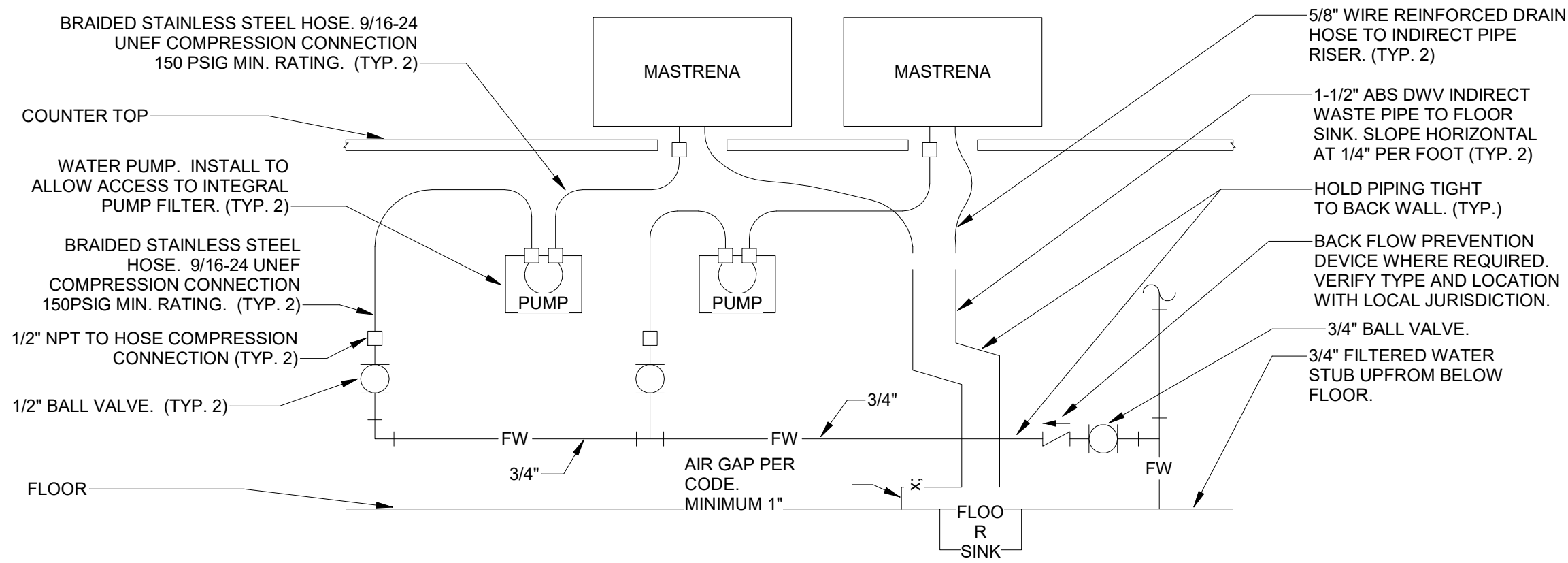
SHEET NUMBER:

P501



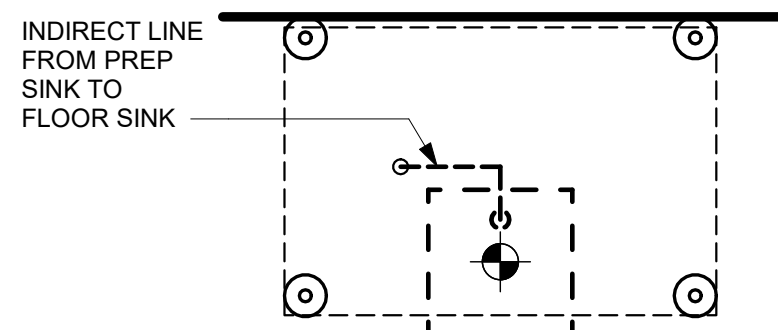
## 1 MASTRENA GENERAL PIPING CONNECTION SCHEMATIC

SCALE: NTS

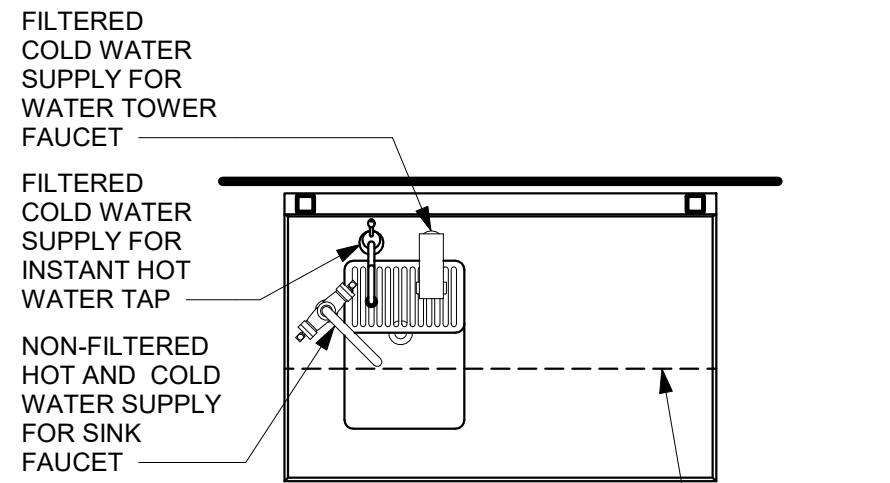


### DETAIL NOTES

1. THIS DETAIL IS SCHEMATIC ONLY. FOR THE LOCATION OF THE COMPONENTS SHOWN, AND EXTENT OF THE WORK REQUIRED, SEE THE PLAN DRAWINGS.
2. ALL WATER HOSE SHALL BE THE MINIMUM LENGTH NEEDED AND SUPPORTED AS REQUIRED 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 REQUIRED AND ROUTED TO FLOW ACCESS TO EQUIPMENT AND VALVES.
4. ROUTE HORIZONTAL PIPING A MINIMUM OF 6" ABOVE FLOOR.
5. INSTALL PUMP AS SHOWN ON PLANS. COORDINATE LOCATION AND ELEVATION WITH OTHER TRADES. ORIENT PUMP AS REQUIRED TO ALLOW MAINTENANCE.



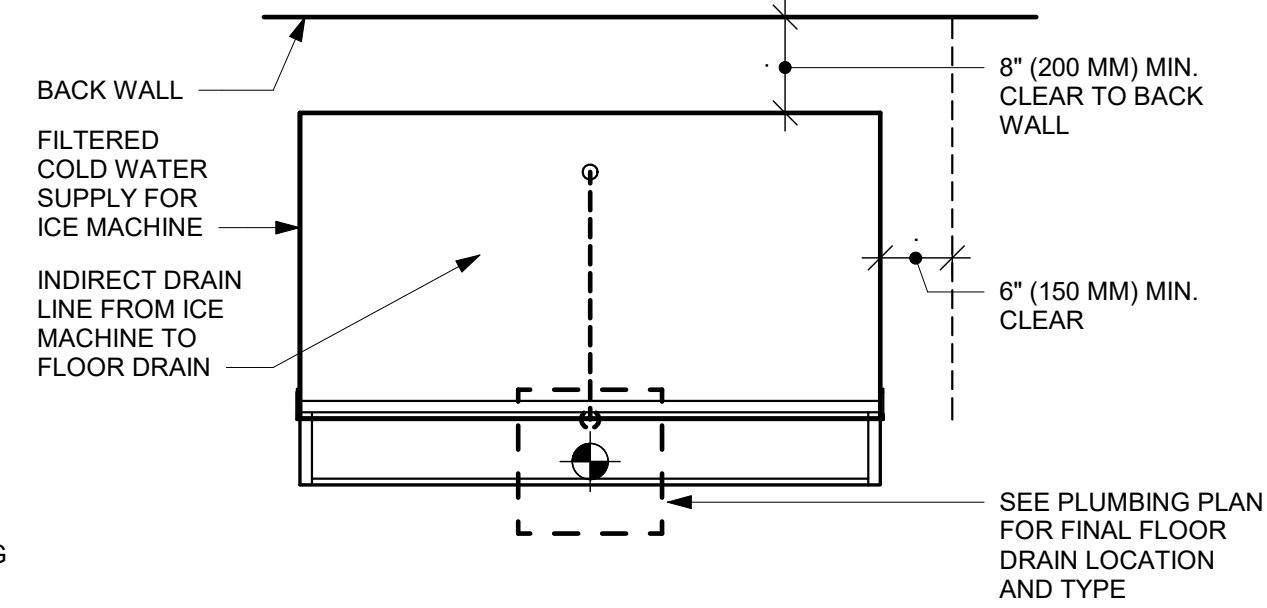
### AT FLOOR LEVEL



### ABOVE COUNTERTOP

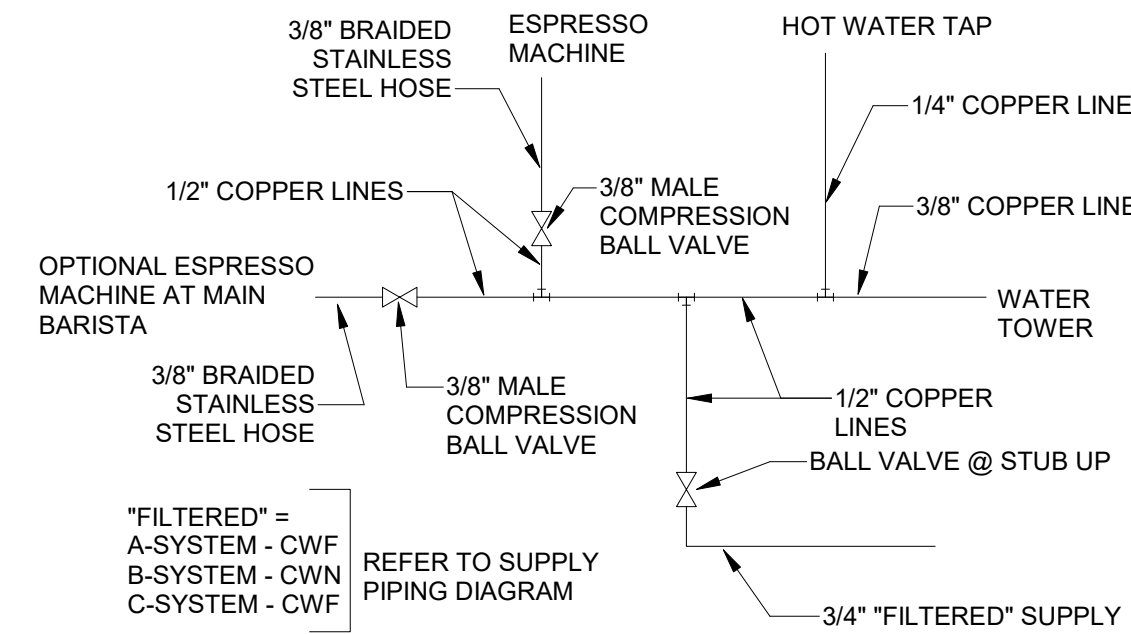
## 2 WATER FILLING STATION

3/4" = 1'-0"



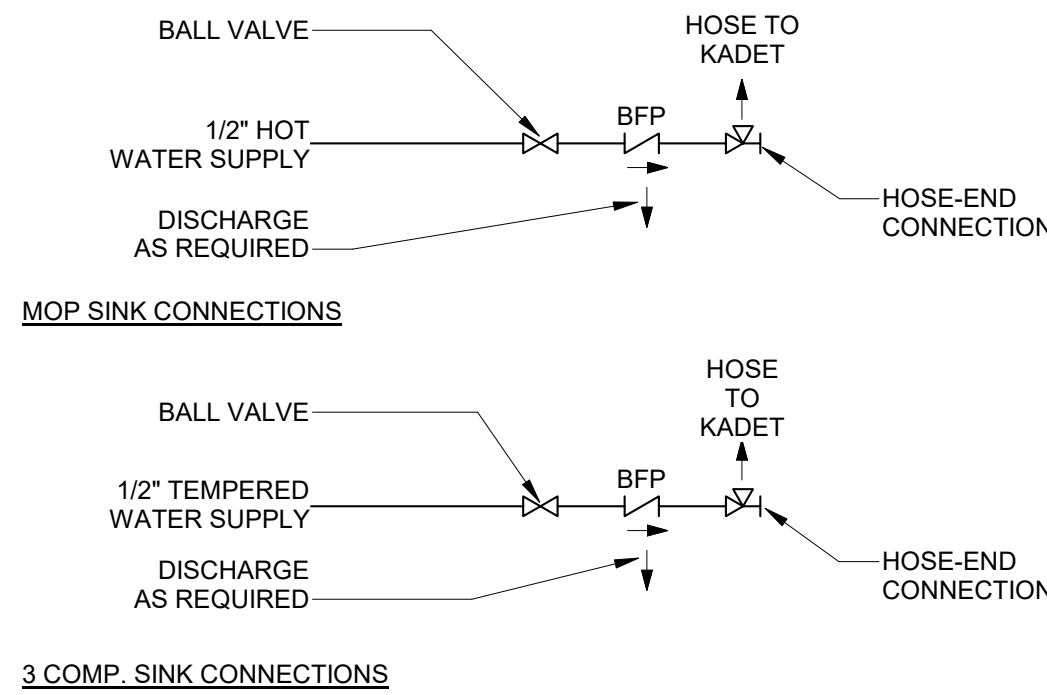
## 3 ICE MACHINE

3/4" = 1'-0"



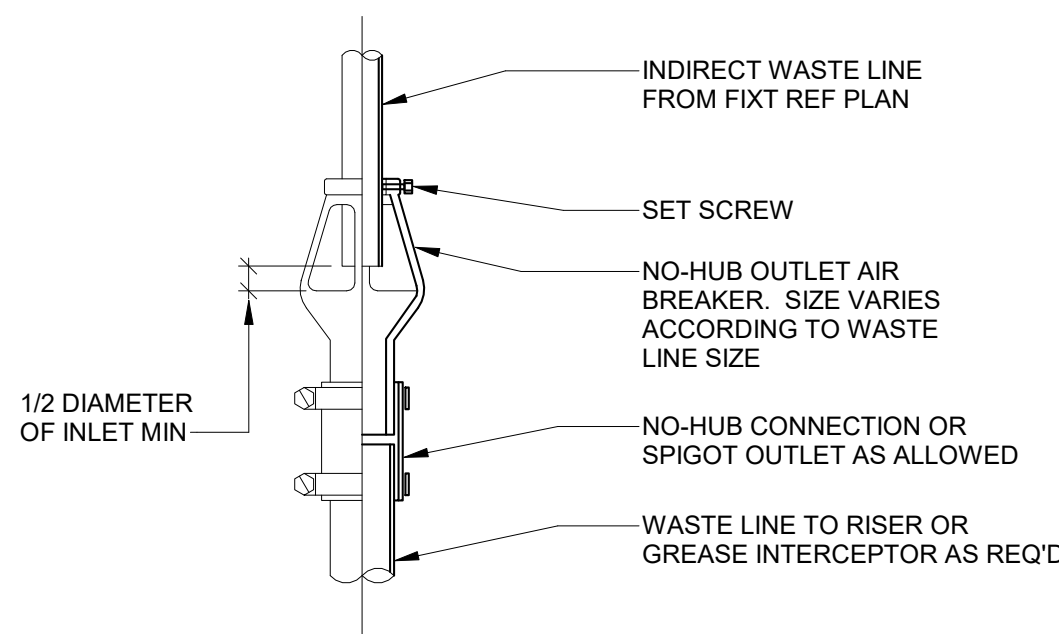
## 5 FRONTLINE FILTERED WATER MANIFOLD SCHEMATIC

SCALE: NTS



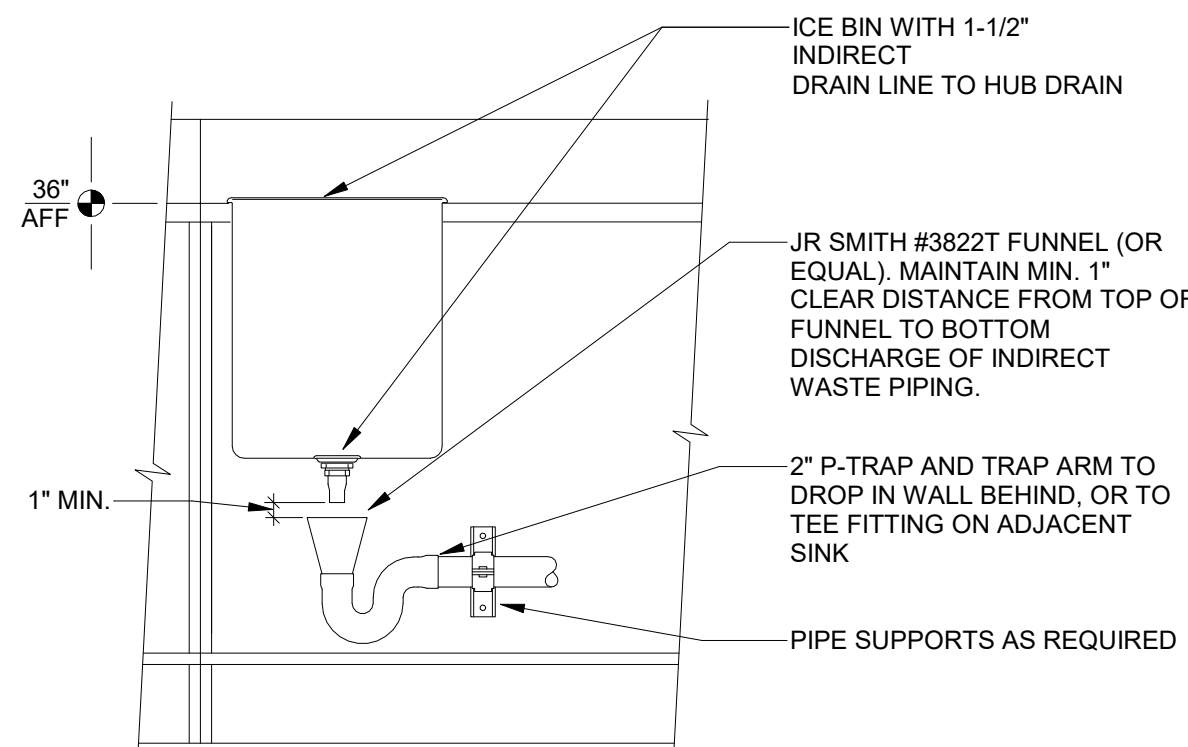
## 6 CHEMICAL SANITIZER CONNECTION SCHEMATICS

SCALE: NTS



## 7 AIR BREAKER DETAIL

SCALE: NTS

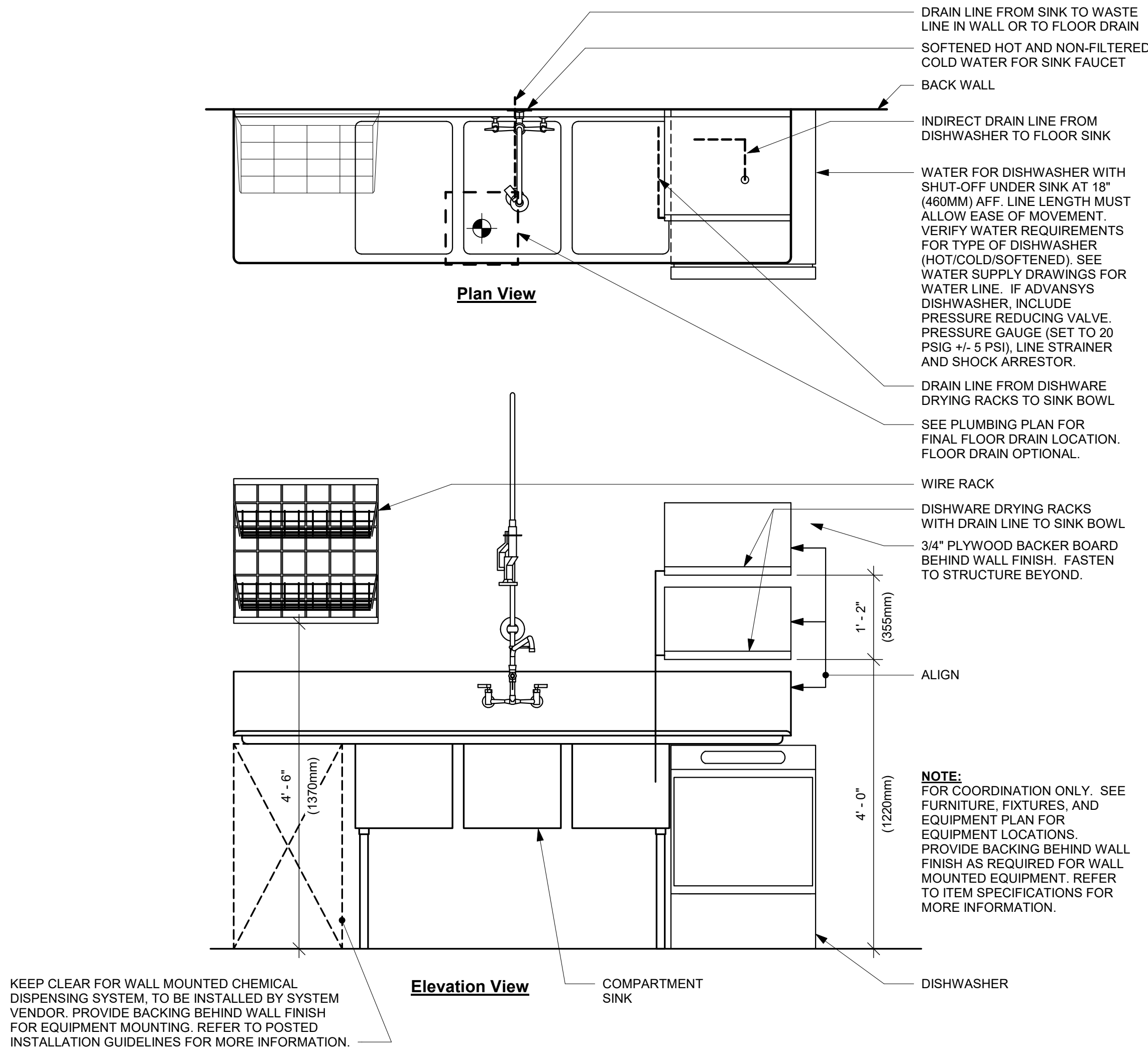


## 8 ICE BIN HUB DRAIN DETAIL

SCALE: NTS

## 4 SANITIZING (GENERIC)

3/4" = 1'-0"



FINAL BID/PERMIT SET - 09.04.2020



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Revision Schedule				
Rev	Date	By	Description	

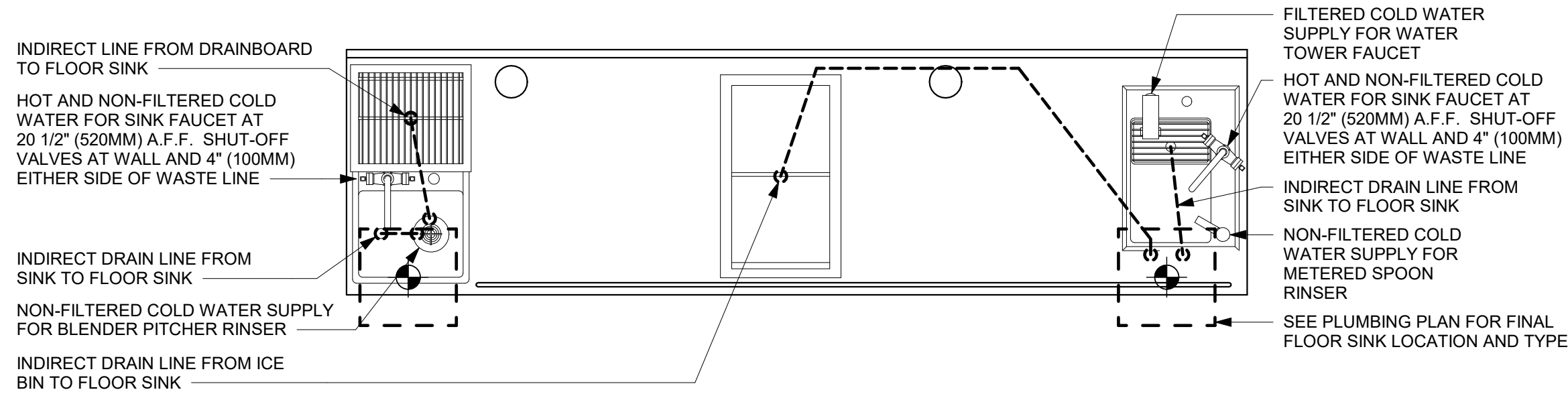
SHEET TITLE:  
**PLUMBING DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:

P502





1 CBE 01-05 PLUMBING

3/4" = 1'-0"

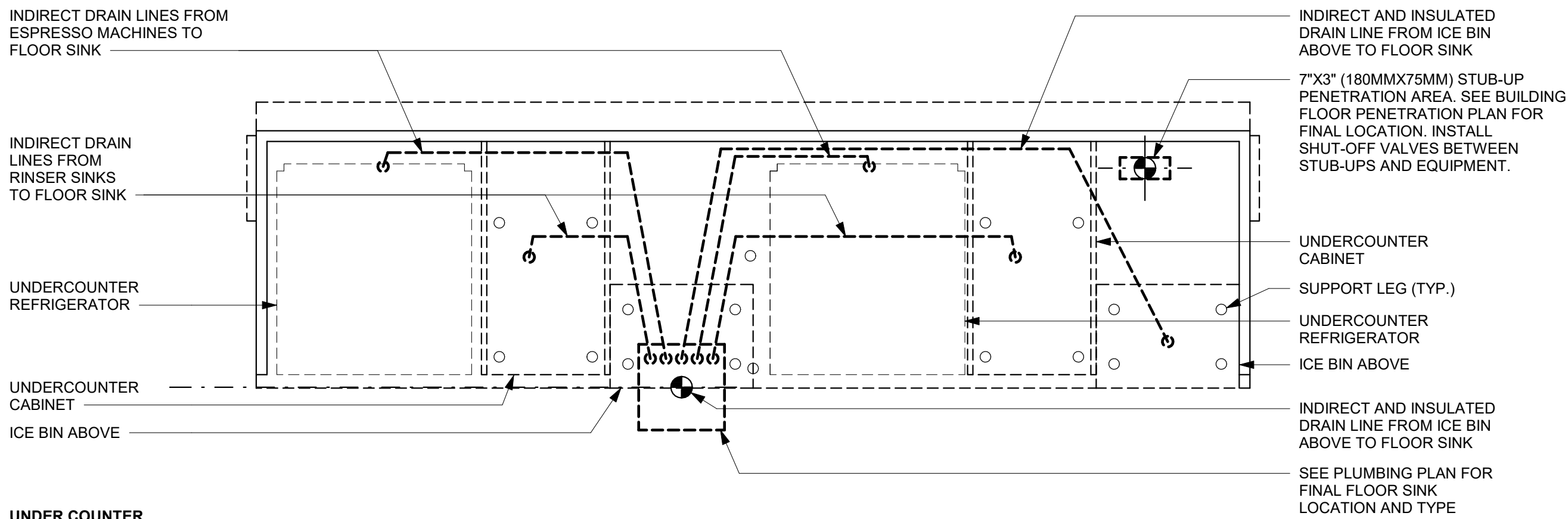


3 ADD 02-01 PLUMBING

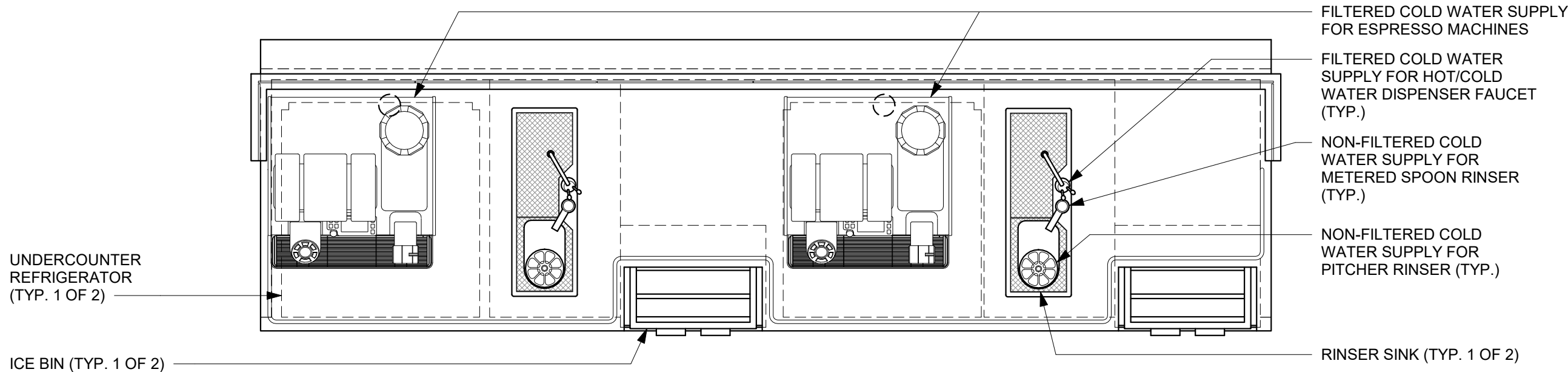
3/4" = 1'-0"

4 NIT 11-01 PLUMBING

3/4" = 1'-0"



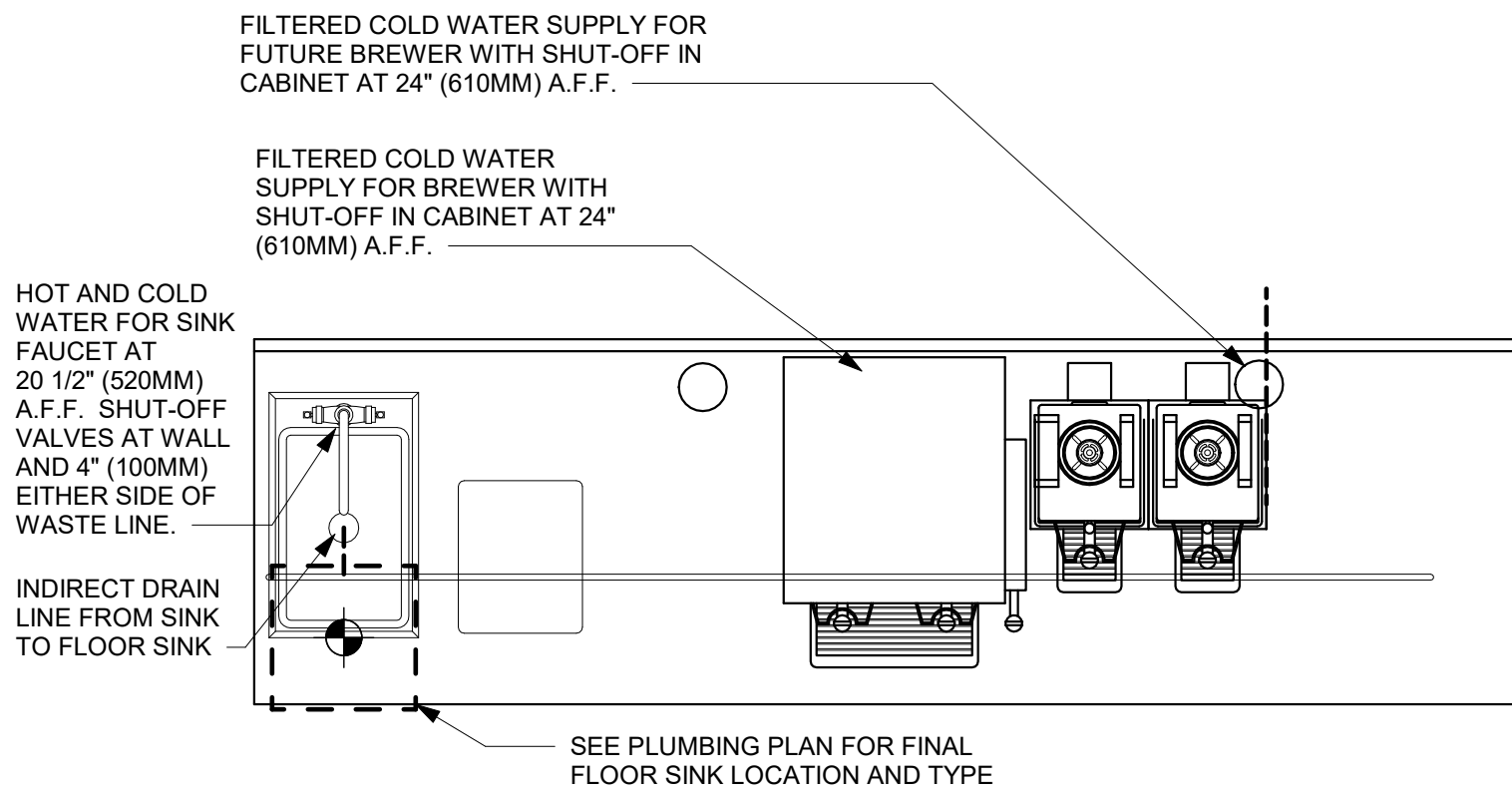
UNDER COUNTER



ABOVE COUNTER

2 ESP 11-01 PLUMBING

3/4" = 1'-0"



5 BRW 04-02 PLUMBING

3/4" = 1'-0"

FINAL BID/PERMIT SET - 09.04.2020



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Revision Schedule				
Rev	Date	By	Description	

SHEET TITLE:  
**PLUMBING DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:  
**P503**



PLUMBING FIXTURE SCHEDULE - "P"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
DRAIN					
10294	7	DRAIN - FLOOR SINK SQUARE - 12IN 305MM	SB	GC	ZURN MODEL #FD2375-NH3.
10594	4	DRAIN - FLOOR SINK SQUARE - 5IN 125MM	GC	GC	JAY R. SMITH MODEL #2005Y (B) OR EQUAL
10726	7	DRAIN - GRATE HALF SQUARE - 12IN 305MM	SB	GC	ZURN MODEL #FD2375-NH3-H.
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	
10597	2	FAUCET - SINGLE HANDLE	SB	GC	
10804	1	FAUCET - PRE RINSE SWING SPOUT	SB	GC	
10874	1	FAUCET - HOT WATER SYSTEM GOOSENECK	SB	GC	
10922	1	FAUCET - MOP SINK WALL MOUNTED	SB	GC	
11003	3	FAUCET - METERED	SB	GC	
13588	1	FAUCET - HAND SINK WALL MOUNTED	SB	GC	
15749	2	FAUCET - HOT AND COLD WATER SYSTEM	SB	GC	
X0009	2	FAUCET - STERN	GC	GC	STERN. CONDOR 1010. PART #07100005. CHROME. PART OF D13 INTEGRATED SINK SYSTEM. CONTACT: D13 GROUP. 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM
FILTER					
12501	1	FILTER - RO SYSTEM 600GPD	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
12896	1	FILTER - BRINE TANK	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
12899	2	FILTER - POLY GLASS VESSEL	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
13076	1	FILTER - PREFILTRATION SYSTEM	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
13082	1	FILTER - WATER SOFTENER TWIN	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
13149	1	FILTER - PRESSURE GAUGE	SB	GC	CONFIGURATION 3. GC TO COORDINATE WITH SBUX VENDOR.
OTHER					
13384	1	WATER HEATER TANK GAS	GC	GC	AO SMITH POLARIS HIGH EFFICIENCY MODEL #BSS 130. 166 GPH RECOVERY @90 DEGREE RISE. SET WATER HEATER TO 140 DEG MAX ENERGY FACTOR = 0.96
SINK					
10549	1	SINK - RINSE DROP IN SST - 12X20IN 305X510MM	SB	GC	
10995	1	SINK - MOP - 24X24IN 610X610MM	SB	GC	
12808	1	SINK - UTENSIL RINSE WITH GRATE SST - RH - 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	
X0008	2	SINK - D13	GC	GC	D13 INTEGRATED SINK SYSTEM. 30IN XLERATORSYNC SYSTEM WITH A SINGLE BASIN SINK WITH A PIVOT DRAIN COVER. GLACIER WHITE CORIAN COUNTER TOP AND ENCLOSURE PANELS. BASIN COLOR: D13 WHITE. ORDER WITH LOCKING SLIDING DOOR & SECURITY PANEL. CONTACT: D13 GROUP. 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM
TOILET					
12951	2	TOILET - TANKLESS EFFICIENT SINGLE FLUSH	GC	GC	SLOAN MODEL ST-2020-1.28 (1.28 GPF)
13040	2	TOILET - FLUSH VALVE AUTOMATIC EFFICIENT SINGLE FLUSH	GC	GC	CROWN MODEL 8111-1.28 FLUSHOMETER (1.28 GPF)

RESPONSIBILITY LEGEND

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	5	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	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	
13676	1	FREEZER REACH IN 1 DOOR RH - 27IN 685MM	SB	GC	
13682	1	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	GC TO COORDINATE WITH SBUX VENDOR.
10808	1	GRINDER DITTING KR1203	SB	GC	GC TO COORDINATE WITH SBUX VENDOR.
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	
16623	1	SCALE DIGITAL WITH ADJUSTABLE DISPLAY MOUNT SMALL	SB	GC	
17564	1	BLENDER PITCHER RINSER WITH SENSOR	SB	GC	
19559	1	NITROGEN GENERATOR ELEMENT	SB	GC	GC TO COORDINATE INSTALLATION & CONNECTIONS WITH SBUX VENDOR.
19742	2	ESPRESSO MACHINE MASTRENA II	SB	GC	GC TO COORDINATE WITH SBUX VENDOR.
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	
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	LOCALLY SOURCED.
10769	2	RESTROOM GRAB BAR VERTICAL - 18IN 455MM	SB	GC	
10791	2	CUP DISPENSER GRANDE VENTI COLD VERTICAL	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	2	PAPER TOWEL DISPENSER HALF SIZE - TRANSLUCENT GRAY	SB	GC	
11115	2	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	19495 RETIRED; ORDER FOUR SKU #S: 011095591, 011095592, 011095587, 011095588.
20079	1	NITRO 2 TAP BADGE MOUNT BACKBAR LH	SB	GC	
20080	1	NITRO 2 TAP BADGE MOUNT BACKBAR RH	SB	GC	
X0010	2	SOAP DISPENSER - STERN	GC	GC	STERN. GREEN/CHROME SOAP DISPENSER. PART #07100008. PART OF D13 INTEGRATED SINK SYSTEM. CONTACT: D13 GROUP. 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM
X0011	2	HAND DRYER - INTEGRATED	GC	GC	XLERATOR SYNC HAND DYER. AUTOMATIC SENSOR OPERATED. SURFACE MOUNTED. CONTACT: D13 GROUP. 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.D13GROUP.COM EMAIL: KRIZZO@D13GROUP.COM
STORAGE					
10222	2	WIRE SHELF GRID AT SINK	SB	GC	
10416	8	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	8	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
13834	1	BASE - 24X18IN 610X455MM	SB	GC	
15699	1	PARTNER WORK CENTER	SB	GC	
17255	1	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	

CASEWORK SCHEDULE - "C"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CABINET					
17573	1	CABINET - BACKBAR COUNTER SUPPORT PANEL - 3IN 75MM	SB	GC	
17574	3	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	2	CABINET - BACKBAR - 30IN 760MM	SB	GC	
17741	7	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	1	CABINET - BACKBAR DRAWER - 15IN 380MM	SB	GC	
17747	2	CABINET - BACKBAR TRASH - 15IN 380MM	SB	GC	
18060	1	CABINET - FRONTBAR POS 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	
21189	2	CABINET - FRONTBAR - 15IN 380MM	SB	GC	
21191	1	CABINET - FRONTBAR DRAWER - 15IN 380MM	SB	GC	
21192	2	CABINET - FRONTBAR POS - 30IN 760MM	SB	GC	
21193	2	CABINET - ESPRESSO CUBBY WITH OPEN BACK - 18IN 455MM	SB	GC	
X0006	1	CABINET - DT POS UPPER CUBBY W DOORS	SB	GC	SEE DETAILS
X0017	1	CABINET - DT UPPER CUBBY W DOORS	SB	GC	SEE DETAILS
CAFE					
20131	1	CONDIMENT CART THREE DROP - WHITE OAK AND WHITE WD0073 CP0002	SB	GC	
20383	2	FREESTANDING INLINE 2 UNIT SHORT - 72IN 1830MM - WHITE OAK WD0073	SB	GC	
COUNTERTOP					
17809	2	COUNTERTOP - HAND SINK WITH LOW SPLASH STAINLESS - 15IN 380MM	SB	GC	
17830	1	COUNTERTOP - POS - 82IN 2085MM	SB	GC	
18871	1	COUNTERTOP - FRONTBAR - 18IN 455MM	SB	GC	
19711	1	COUNTERTOP - WARMING - RF - 75IN 1905MM	SB	GC	
20050	1	COUNTERTOP - BACKBAR NITRO - LH - 30IN 760MM	SB	GC	
20062	1	COUNTERTOP - ESPRESSO METRO - LF - 139IN 3530MM	SB	GC	
20063	1	COUNTERTOP - FRONTBAR CAP - 139IN 3530MM	SB	GC	
21759	1	COUNTERTOP - CBE WITH RINSE SINK - LF - 112IN 2849MM	SB	GC	
X0003	1	COUNTERTOP - AT PASTRY CASE - 8 1/2" WIDTH	SB	GC	SEE DETAILS
X0008	1	COUNTERTOP - DT POS - LF	SB	GC	SEE DETAILS
X0009	1	COUNTERTOP - FUTURE EQUIPMENT	SB	GC	SEE DETAILS
X0015	1	COUNTERTOP - AT DT	SB	GC	SEE DETAILS
X0023	1	COUNTERTOP - BREW WITH TRASH DROP - RF	SB	GC	SEE DETAILS
X0025	1	COUNTERTOP - FRONTBAR MOP PLANAR - LF	SB	GC	SEE DETAILS
DIEWALL					
17831	1	DIEWALL - POS - 82IN 2085MM	SB	GC	
18859	1	DIEWALL - 78 3/4"	SB	GC	
18872	1	DIEWALL - HANDOFF INLINE - 18IN 455MM	SB	GC	
20064	1	DIEWALL - ESPRESSO - 139IN 3530MM	SB	GC	
X0021	1	DIEWALL - END CAP - RF	SB	GC	SEE DETAILS
FIT KIT					
17894	1	FIT KIT - CABINET FILLER PANEL	SB	GC	LENGTH: 9 3/4"
OTHER					
11142	2	CORBEL SUPPORT - 24IN 610MM	SB	GC	
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
17829	2	FRENCH CLEAT - VARIABLE LENGTH	SB	GC	2,3'-2" AND 2'-5"
18145	1	COUNTERTOP SUPPORT LEG	SB	GC	
20066	1	SHROUD - 139IN 3530MM	SB	GC	
20067	1	SNEEZE GUARD - 139IN 3530MM	SB	GC	
20633	1	COUNTERTOP SUPPORT LEG SLIM	SB	GC	
X0001	1	WOOD CLADDING AT PORTAL	SB	GC	SEE DETAILS
X0001	1	WOOD PANEL NEAR FRONT BAR	SB	GC	
X0012	1	CORIAN SILL AT DT WINDOW	SB	GC	SEE DETAIL
X0013	1	CORIAN WINDOW SILL	SB	GC	SEE DETAIL
X0018	1	CLADDING AT PORTAL	SB	GC	SEE DETAILS
X0019	1	1" WOOD TRIM AT WORKROOM ENTRY	SB	GC	SEE DETAIL
X0021	1	WOOD CLADDING ALONG DEMISING WALL	SB	GC	SEE DETAIL
X0022	1	1" WOOD TRIM ALONG DEMISING WALL	SB	GC	SEE DETAILS
PANEL					
17832	1	PANEL - 82IN 2085MM	SB	GC	
18860	1	PANEL - MOP	SB	GC	
18873	1	PANEL - 18IN 455MM	SB	GC	
20065	1	PANEL - 139IN 3530MM	SB	GC	
X0005	1	PANEL - END CAP - RF	SB	GC	SEE DETAILS

FINAL BID/PERMIT SET - 09.04.2020



**STARBUCKS®**  
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(206) 318-1575

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STARBUCKS TEMPLATE VERSION i2020-01-31

**NORR**



Engineering Consultant

129-20



PROJECT NAME:  
**BUILDOUT OF STARBUCKS COFFEE**

**RT. 291 & 150**

PROJECT ADDRESS:  
155 SW M-150 HWY STE. 155  
LEES SUMMIT, MO 64082  
JACKSON COUNTY

STORE #: 63039  
PROJECT #: 88084-001  
ISSUE DATE: 09-04-2020  
SR. DESIGN MANAGER: K. GORIN-SLONSKI  
PRODUCTION DESIGNER: A. MAUSER  
CHECKED BY: CLL / SMD

Revision Schedule				
Rev	Date	By	Description	

SHEET TITLE:  
**PLUMBING SCHEDULES**

SCALE: AS SHOWN

SHEET NUMBER:  
**P601**