

\\CHINA\S01\Chicago\Norri\Projects2\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deliv\BIM\01-WIP_Models\MO - NW Pryor Rd & Chipman-Revision 1.rvt 7/7/2020 9:37:01 AM



Revision Number 1

Date: 07/07/2020
Project: 87799-001
To: Katie Slonski, Chitra Patel, Stephenie Rychlik, Matt Isch, Kristen Sylwestrzak, Edurne Vega, Pierina Benevenuto, Katie Getz, Erika Aultman
From: Alissa Hahn

MO – NW Pryor Rd. & Chipman – REVISION 1

Documents for the referenced project are hereby being amended per this revision (Revision No. 1, per Design Direction). Changes are noted in the text below. The summary of changes includes, but is not limited to the following:

- Sheet G000 Sheet added to display scope of revisions, per Revision 1.
- Sheet G001 Sheet G000 was added to index.
- Sheet G002 Added and tagged key note 10, per Fire Department Comments.
- Sheet A201 Updated key note 1, per Fire Department Comments.
- Added and tagged occupancy sign in elevation #1, per Fire Department Comments.
- Sheet I101 Added and tagged occupancy sign in FF&E Plan, per Fire Department Comments.
- Sheet I202 Added and tagged occupancy sign in elevation #3, per Fire Department Comments.
- Sheet I601 Added occupancy signs to graphics & artwork schedule, per Fire Department Comments.

END OF REVISION NO. 1

Prepared By:
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RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

REVISION 1 SET - ISSUED 07.07.2020



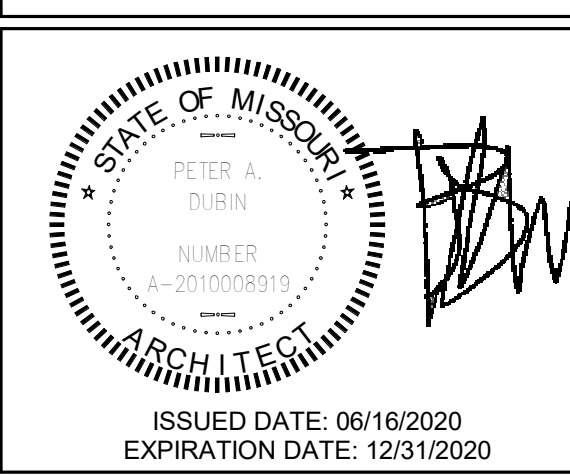
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STARBUCKS TEMPLATE VERSION i2020-01-31



Engineering Consultants
Mechanical - Electrical - Plumbing



PROJECT NAME:
BILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT
PROJECT ADDRESS:
STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description
1	7/7/2020	AH	PERMIT COMMENTS

SHEET TITLE:
REVISIONS
SCALE: AS SHOWN
SHEET NUMBER:
G000

\\CHINAS01\Chicago\Norri\Projects2\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deiv\BIM\01-wip_Models\MO_NW Pryor Rd & Chipman-Revision 1.rvt

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ABBREVIATIONS

A/C	AIR CONDITIONING
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AF	ABOVE FINISHED FLOOR
AMP	AMPERE
ARCH	ARCHITECT
BOH	BACK OF HOUSE
CAB	CABINET
CL	CENTER LINE
CLG	CEILING
CM	STARBUCKS CONSTRUCTION MANAGER
CTR	CENTER
CX	COMMISSIONING
CXA	COMMISSIONING AGENT

DEG	DEGREE
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DM	STARBUCKS DESIGN MANAGER
DN	DOWN
EA	EACH
EL	ELEVATION
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR

FF&E	FURNITURE, FIXTURE, AND EQUIPMENT
FLR	FLOOR
FOH	FRONT OF HOUSE
FOIC	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR
FOIO	FURNISHED BY OWNER, INSTALLED BY OWNER
FT	FOOT/FEET

G	GROUND
GC	GENERAL CONTRACTOR
GWB	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

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 TYP	TEMPORARY TYPICAL
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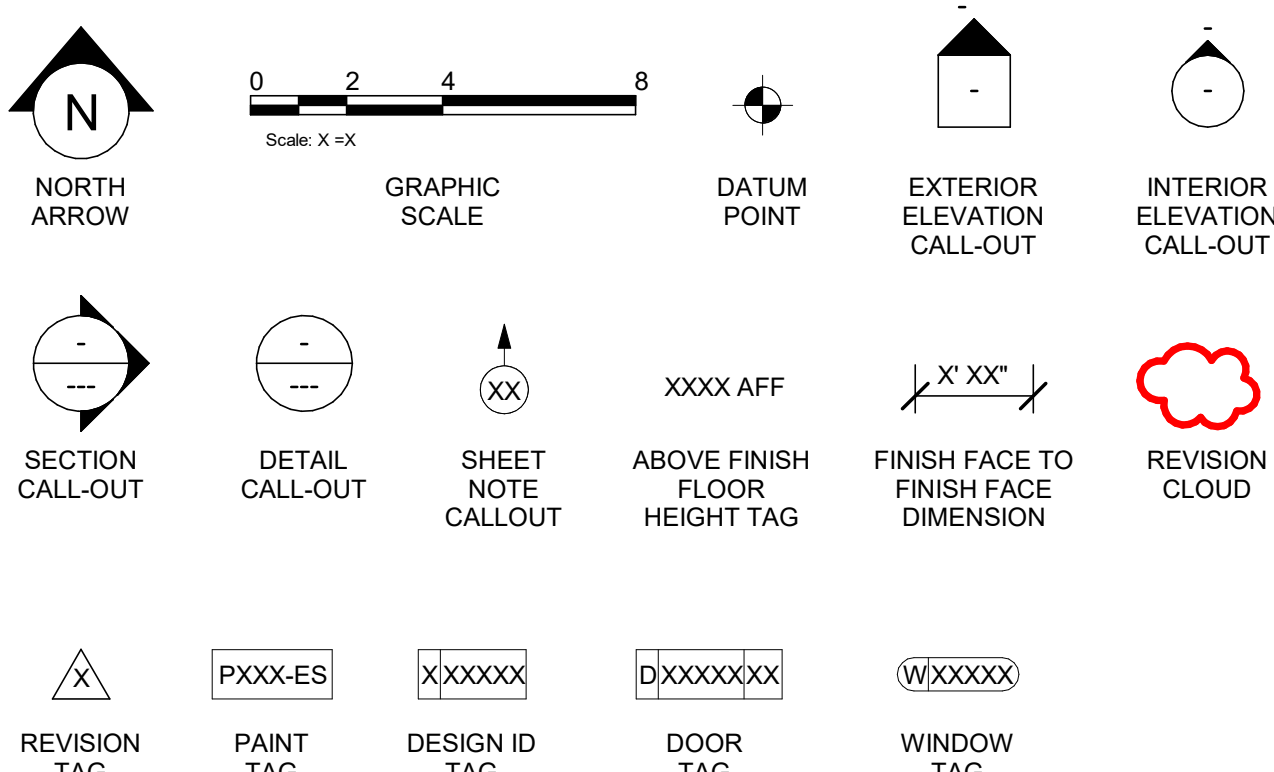
UC	UNDER COUNTER
UNO	UNLESS NOTED OTHERWISE

VERT	VERTICAL
VIF	VERIFY IN FIELD

RESPONSIBILITY LEGEND

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

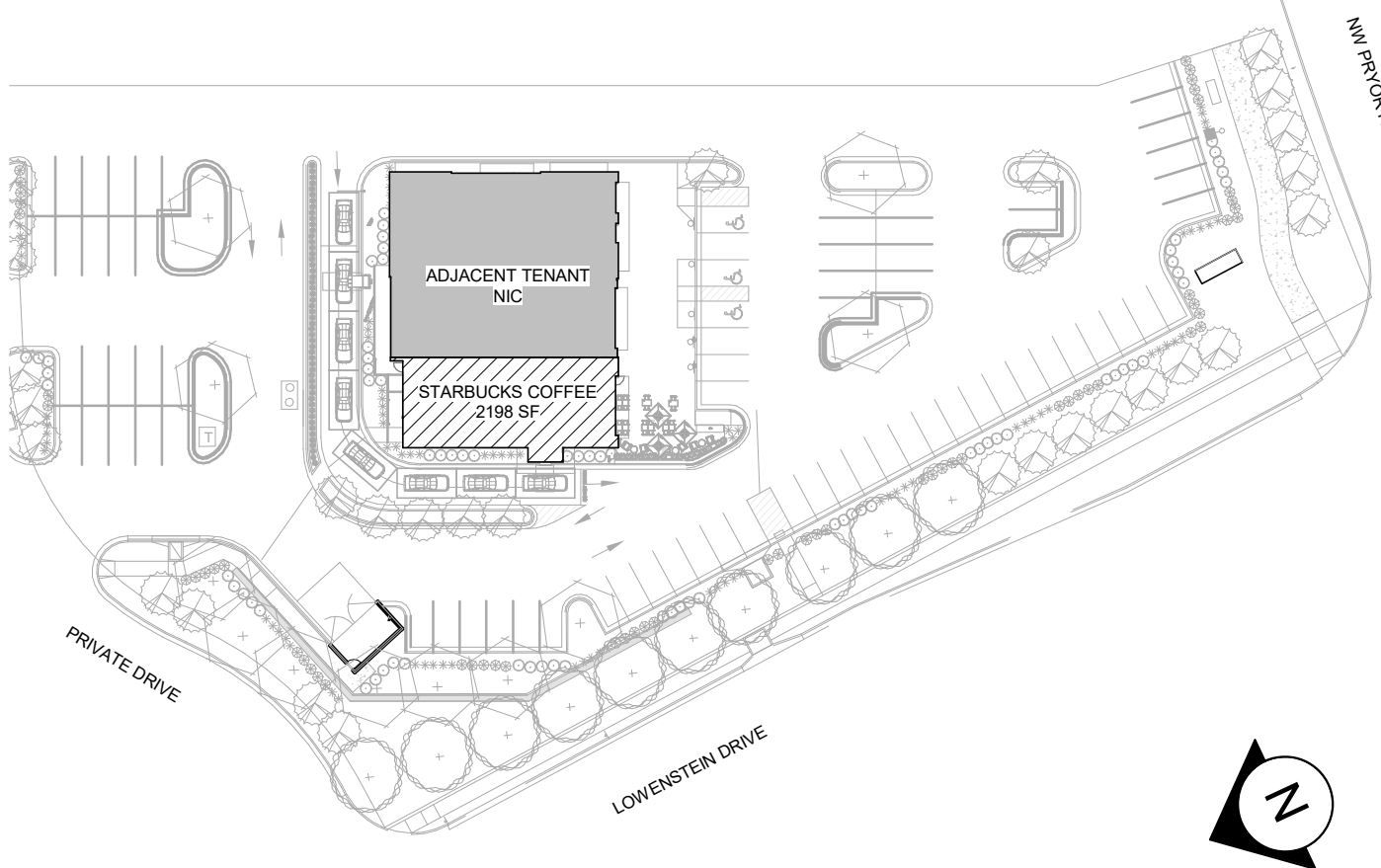
ARCHITECTURAL SYMBOL LEGEND



AERIAL MAP



KEY SITE PLAN



PROJECT CONTACTS

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SCOPE OF WORK

INTERIOR BUILDOUT OF A NEW STARBUCKS COFFEE DRIVE-THRU.

SITE INFORMATION

CODE AUTHORITIES:	CITY OF KANSAS CITY JACKSON COUNTY HEALTH
BUILDING CODE:	2018 INTERNATIONAL BUILDING CODE
PLUMBING CODE:	2018 INTERNATIONAL PLUMBING CODE
MECHANICAL CODE:	2018 INTERNATIONAL MECHANICAL CODE
ELECTRICAL CODE:	2017 NATIONAL ELECTRICAL CODE
ENERGY CODE:	2018 INTERNATIONAL FUEL GAS CODE
FIRE CODE:	2018 INTERNATIONAL FIRE CODE
HEALTH CODE:	MISSOURI STATE FOOD CODE
ACCESSIBILITY CODE:	ICC/ANSI A117.1-2017, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

ZONING:	
ZONE:	PMXI - PLANNED MIX USED DISTRICT
PROPOSED USE:	RETAIL SALES AND SERVICES

DEFERRED SUBMITTALS: SIGNAGE & FIRE ALARM

BUILDING INFORMATION

OCCUPANCY TYPE:	A-2
BUILDING AREA:	6,911 SF
TENANT AREA:	2,198 SF
FIRE SPRINKLER:	NO
CONSTRUCTION TYPE:	V-B

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.

INDEX OF SHEETS

LEGEND:		R - SHEET ISSUED FOR REFERENCE AND COORDINATION ONLY SEE TITLEBLOCK FOR REVISION ISSUE DATE(S)					
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G001	GENERAL INFORMATION	X	X	X			
G002	LIFE SAFETY ACCESSIBILITY PLAN	X	X	X			
G003	FOOD SERVICE PLAN	X	X	X			
G004	ADA DETAILS 2017	X	X	X			
G005	3D VIEWS	X	X	X			
G006	RENDERINGS	X	X	X			

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A002	ARCHITECTURAL SITE DETAILS	X	X	X		
A003	ARCHITECTURAL SITE DETAILS	X	X	X		
A004	ARCHITECTURAL SITE DETAILS	X	X	X		
A005	ARCHITECTURAL SITE DETAILS	X	X	X		
A006	ARCHITECTURAL SITE DETAILS	X	X	X		
A101	BUILDING FLOOR PLAN	X	X	X		
A102	BUILDING FLOOR PENETRATION PLAN	X	X	X		
A103	BUILDING ROOF PLAN	X	X	X		
A201	BUILDING EXTERIOR ELEVATIONS	X	X	X		
A202	BUILDING EXTERIOR ELEVATIONS	X	X	X		
A301	BUILDING SECTIONS	X	X	X		
A401	ENLARGED PLANS & ELEVATIONS	X	X	X		
A501	BUILDING DETAILS	X	X	X		
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A602	WINDOW AND DOOR SCHEDULES & DETAILS	X	X	X		

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I102	CASEWORK PLAN	X	X	X		
I103	REFLECTED CEILING PLAN	X	X	X		
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I104	FLOOR FINISH PLAN	X	X	X		
I105	FINISH DETAILS	X	X	X		
I201	INTERIOR FINISH ELEVATIONS	X	X	X		
I202	INTERIOR FINISH ELEVATIONS	X	X	X		
I203	INTERIOR FINISH ELEVATIONS	X	X	X		
I401	RESTROOM PLAN & ELEVATIONS	X	X	X		
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I504	INTERIOR DETAILS	X	X	X		
I505	INTERIOR DETAILS	X	X	X		
I601	SCHEDULES	X	X	X		
I602	SCHEDULES	X	X	X		
I603	SCHEDULES	X	X	X		

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E003	ELECTRICAL SITE PLAN	X	X	X		
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E103	ENLARGED ELECTRICAL PLACEMENT PLAN	X	X	X		
E104	DATA DEVICE PLAN	X	X	X		
E501	ELECTRICAL DETAILS	X	X	X		
E502	ELECTRICAL DETAILS	X	X	X		
E601	ELECTRICAL PANEL SCHEDULES	X	X	X		
E602	SCHEDULES	X	X	X		

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P104	SANITARY ISOMETRIC DIAGRAM	X	X	X		
P501	PLUMBING DETAILS	X	X	X		
P502	PLUMBING DETAILS	X	X	X		
P503	PLUMBING DETAILS	X	X	X		
P601	PLUMBING SCHEDULES	X	X	X		

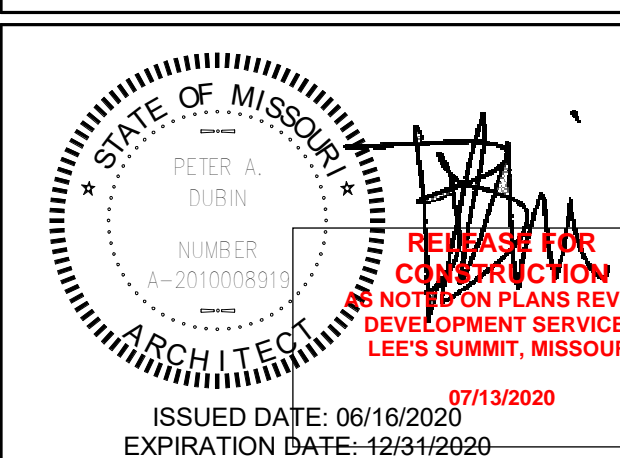
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STARBUCKS TEMPLATE VERSION i2020-01-31



PROJECT NAME: BUILDOUT OF STARBUCKS COFFEE - NW PRYOR RD & CHIPMAN - LEE'S SUMMIT
PROJECT ADDRESS: STREETS OF WEST PRYOR, LOT 3, 2050 NW LOWENSTEIN DR., LEE'S SUMMIT, MO JACKSON COUNTY

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description
1	7/7/2020	AH	PERMIT COMMENTS

SHEET TITLE:
GENERAL INFORMATION

SCALE: AS SHOWN

SHEET NUMBER:
G001

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INDOOR SEATING CALCULATIONS		
DESCRIPTION	NUMBER OF ITEMS	TOTAL SEATS
TABLE TOP, ROUND	5	10
TABLE TOP, SQUARE	8	10
ADA TABLES	2	4
LOUNGE CHAIRS	2	2
STOOLS	2	2
BANQUETTE	2	16
TOTAL ACCESSIBLE SEATS		3
TOTAL		44

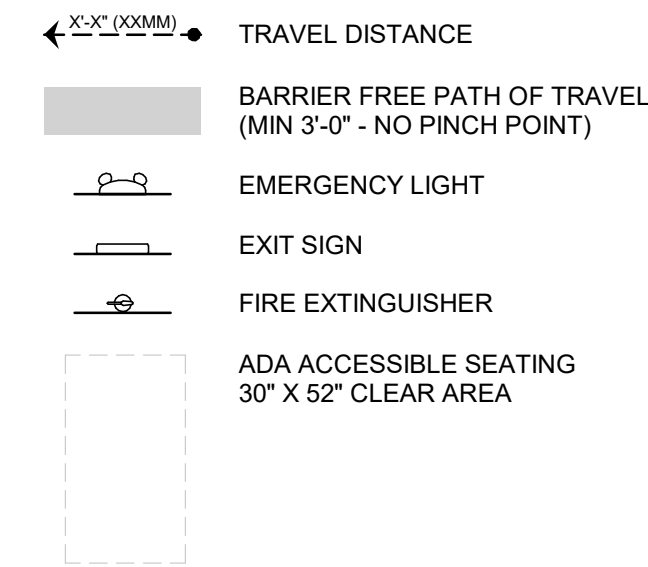
OUTDOOR SEATING		
DESCRIPTION	NUMBER OF ITEMS	TOTAL SEATS
TABLE TOP, ROUND	3	6
TABLE TOP, SQUARE	8	16
ADA TABLES	2	4
TOTAL ACCESSIBLE SEATS		2
TOTAL		26

EGRESS CALCULATION	
EXIT WIDTH REQUIRED - 73 OCC X 0.20	= 14.6 IN.
EXIT WIDTH PROVIDED	= 78 IN.
EXITS	= 36 IN. PRIMARY ENTRY, 42 IN. SECONDARY ENTRY
# EXITS REQUIRED	= 2
# EXITS PROVIDED	= 2
MAXIMUM ALLOWABLE TRAVEL DISTANCE	= 200'-0"
MAXIMUM TRAVEL DISTANCE PROVIDED	= 85'-4"
MINIMUM EXIT SEPARATION	= 75'-6" (MAXIMUM DIAGONAL) / 2 = 37'-9" IN.
EXIT SEPARATION PROVIDED	= 71'-0"

PLUMBING FIXTURE CALCULATION						
2018 INTERNATIONAL PLUMBING CODE						
OCCUPANCY	MALE	FEMALE	TOTAL	73 (INT. OCC.) + 26 (PATIO) = 99		
	50 OCC	50 OCC	99 OCC			
FIXTURES	WATERCLOSETS		URINALS	LAVATORIES	WATER FOUNTAIN	
	1 PER 75		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: 660 SF / 15	44 OCC
STANDING: 45 SF / 5	9 OCC
BAR: 395 SF / 200	2 OCC
WORKROOM: 440 SF/ 300	2 OCC
LINEAR SEATING: 300 IN / 18	16 OCC
TOTAL OCC LOAD:	73 OCC

LEGEND



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 (1600 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.

KEYED NOTES

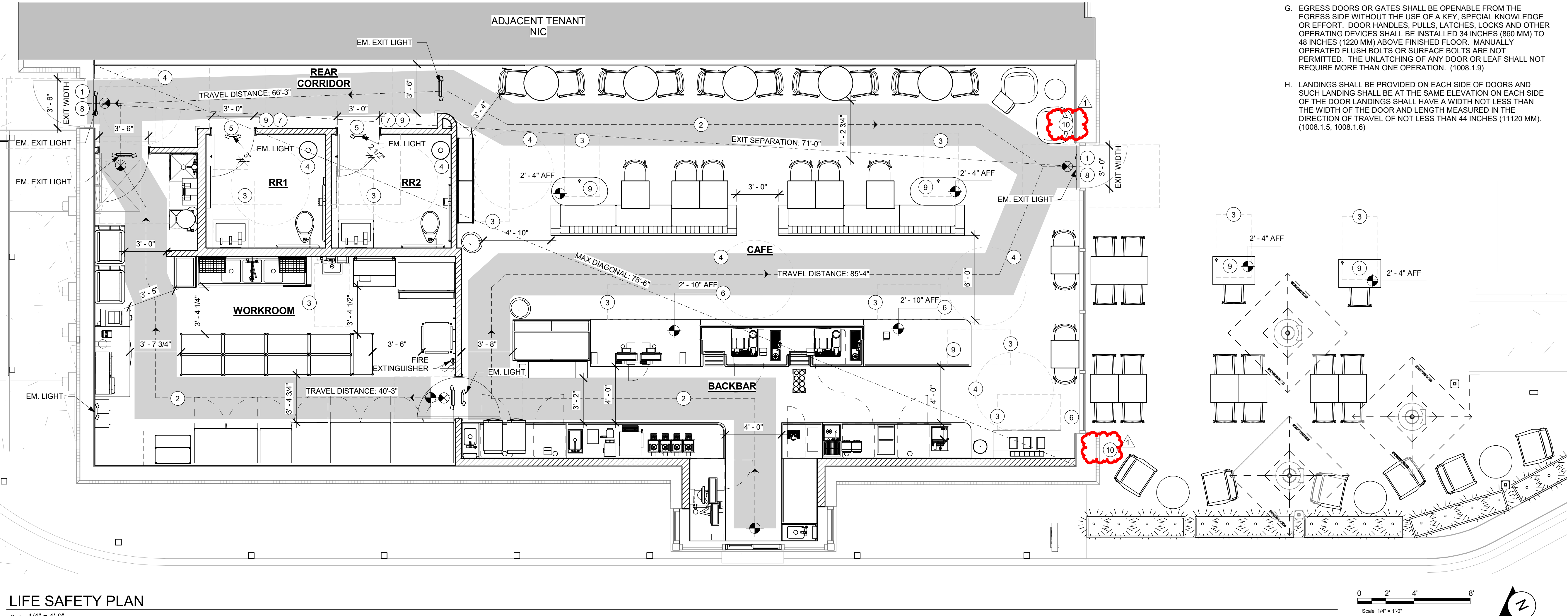
- THRESHOLDS TO BE BARRIER FREE COMPLIANT PER ALL APPLICABLE CODES.
- BARRIER-FREE PATH OF TRAVEL.
- 30" X 52" CLEAR FOR WHEELCHAIR ACCESS.
- 67" DIAMETER MINIMUM TURN RADIUS FOR WHEELCHAIR ACCESS.
- 32" MINIMUM CLEAR AT RESTROOM DOOR.
- POS TRANSACTION PLANE, CONDIMENT CART TOP AND HAND-OFF PLANE ARE 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.
- GC TO PROVIDE AN APPROVED OCCUPANCY SIGN AS REQUIRED BY LOCAL CODE.

HEALTH DEPT. FINISH SCHEDULE

BAR	
FLOOR:	POLYVINYL FLOORING
WALL:	WALL TILE, BACKSPLASH, WITH POLYVINYL BASE
CEILING:	PAINTED GYPSUM CEILING
CAFE	
FLOOR:	TILE FLOORING
WALL:	WALL TILE AND WOOD PANELING WITH COVED TILE BASE AND WALL COVERING WITH COVED BASE
CEILING:	TECTUM CEILING TILES AND PAINTED GYPSUM CEILING
WORKROOM	
FLOOR:	POLYVINYL FLOORING
WALL:	FRP WITH POLYVINYL BASE
CEILING:	VINYL CEILING TILE
RESTROOM	
FLOOR:	TILE FLOORING
WALL:	WALL TILE, COVED TILE BASE
CEILING:	GYPSUM CEILING, PAINTED

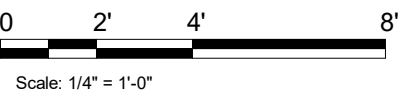
MEANS OF EGRESS NOTES

- 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 PLAN

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



REVISION 1 SET - ISSUED 07.07.2020




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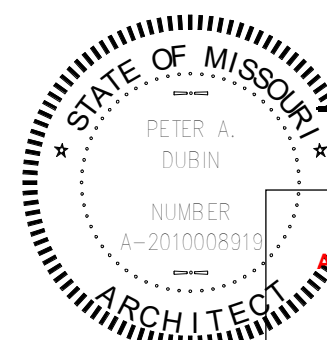
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NORR



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St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514

Engineering Consultants
Mechanical - Electrical - Plumbing



07/13/2020
ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

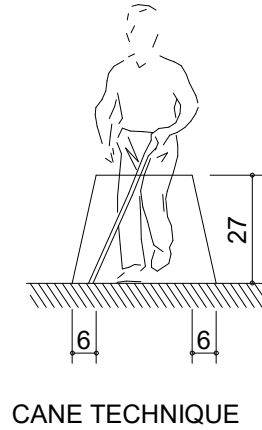
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description
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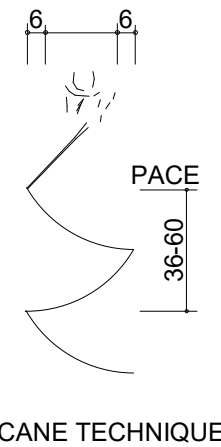
SHEET TITLE:
**LIFE SAFETY
ACCESSIBILITY PLAN**
SCALE: AS SHOWN

SHEET NUMBER:
G002

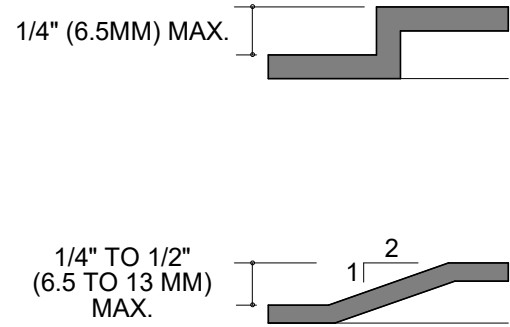
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CANE TECHNIQUE

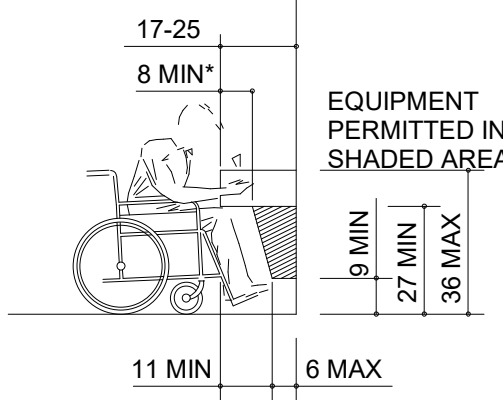


CANE TECHNIQUE

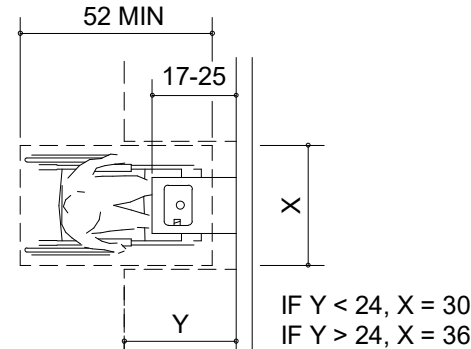


CHANGES IN LEVEL

NOTE:
BOTH HIGH AND LOW FOUNTAINS ARE
REQUIRED, NO FEWER THAN 50%
WHEELCHAIR ACCESSIBLE; OTHERS
ARE TO BE LOCATED AT A STANDARD
HEIGHT CONVENIENT TO THOSE WITH
DIFFICULTY STOOPING. HIGH-LOW
FOUNTAINS ARE REQUIRED WHEN
ONLY ONE FOUNTAIN IS APPROVED.



SPOUT HEIGHT AND KNEE
CLEARANCE

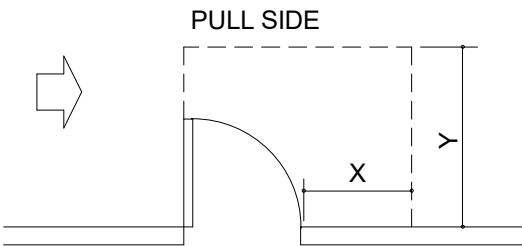


CLEAR FLOOR SPACE

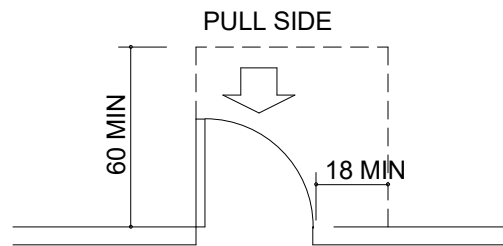
1 SECTION 4.3 ACCESSIBLE ROUTE

Scale: NTS

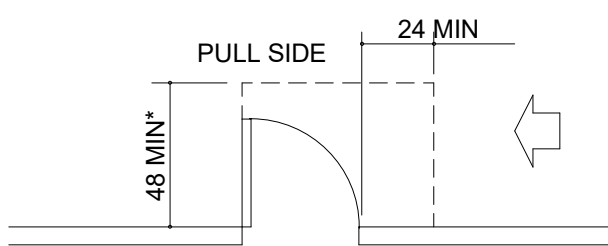
NOTE: X = 36" MIN. IF Y = 60"
X = 42" MIN. IF Y = 54



HINGE SIDE APPROACH - SWINGING DOOR

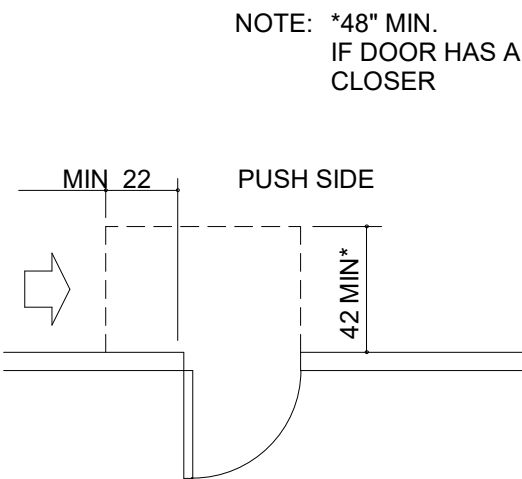


FRONT APPROACH - SWINGING DOOR

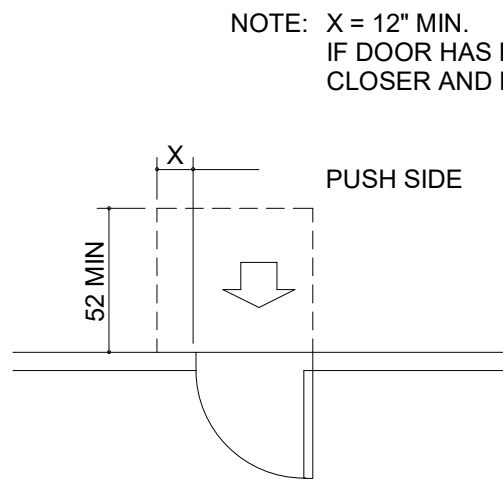


LATCH SIDE APPROACH - SWINGING DOOR

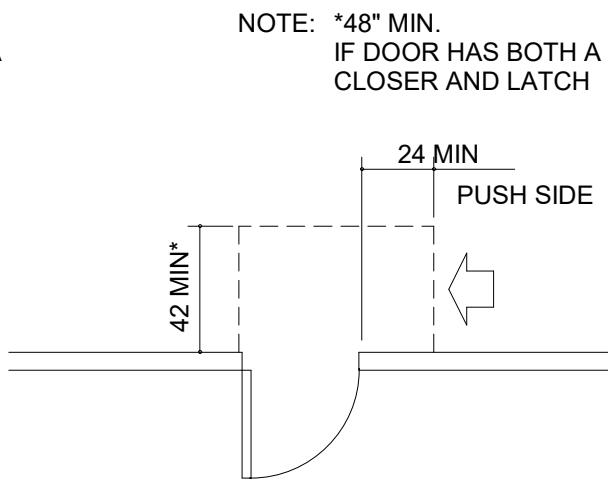
NOTE: *54" MIN.
IF DOOR HAS BOTH A
CLOSER AND LATCH



HINGE SIDE APPROACH - SWINGING DOOR

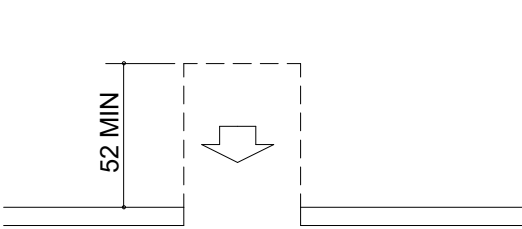


FRONT APPROACH - SWINGING DOOR

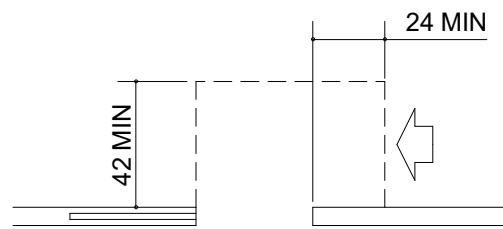


LATCH SIDE APPROACH - HINGED DOOR

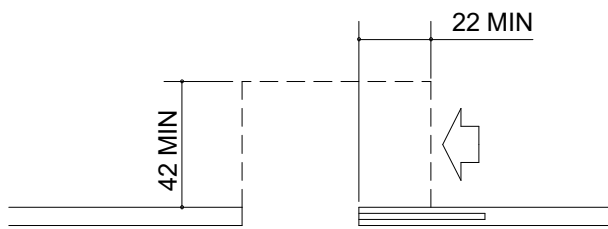
NOTE: *48" MIN.
IF DOOR HAS BOTH A
CLOSER AND LATCH



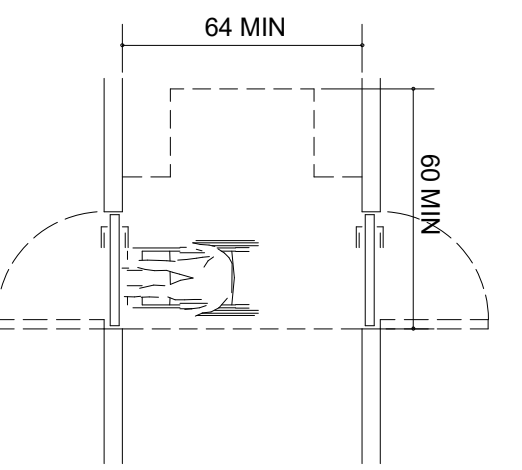
FRONT APPROACH -
SLIDING OR FOLDING DOORS



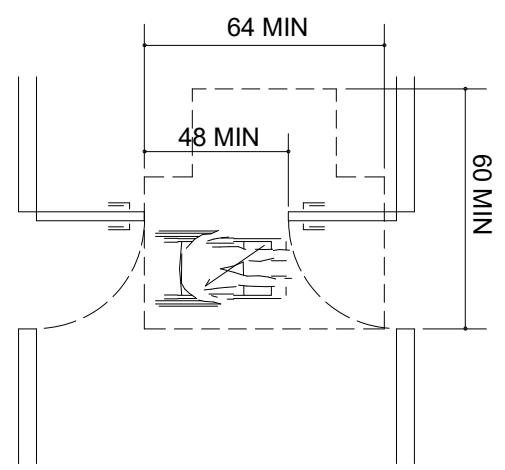
LATCH SIDE APPROACH -
SLIDING OR FOLDING DOORS



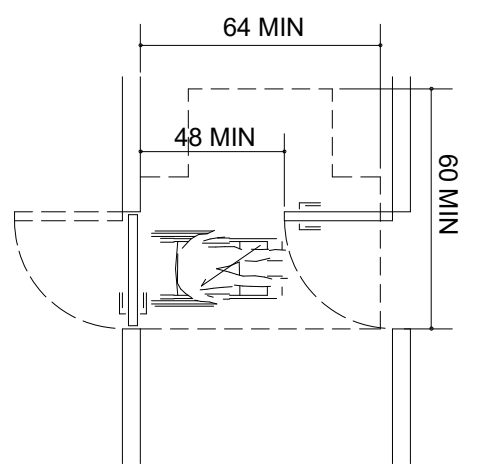
SLIDE SIDE APPROACH -
SLIDING OR FOLDING DOORS



TWO HINGED DOORS IN SERIES



TWO HINGED DOORS IN SERIES



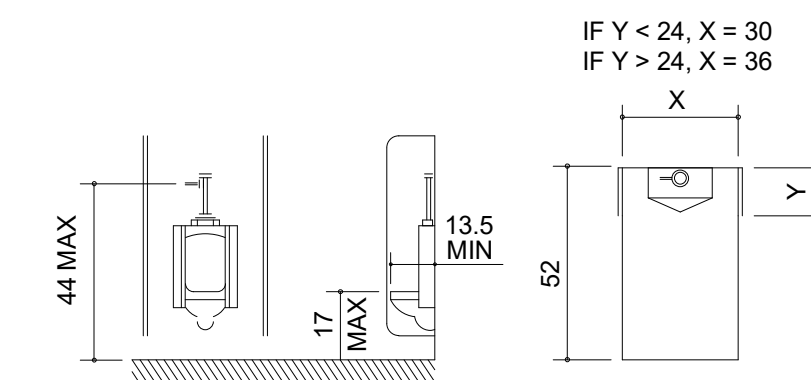
TWO HINGED DOORS IN SERIES

3 SECTION 4.13 DOORS

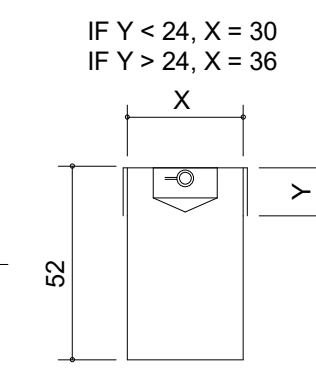
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2 SECTION 4.15 DRINKING FOUNTAINS

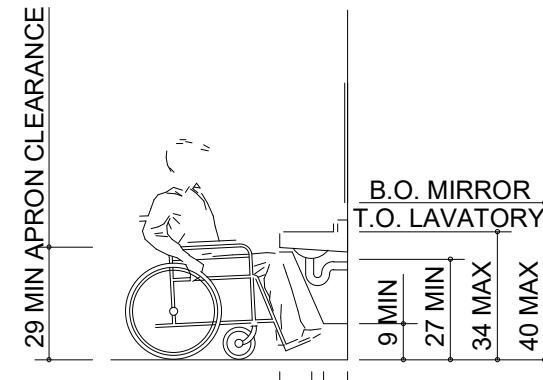
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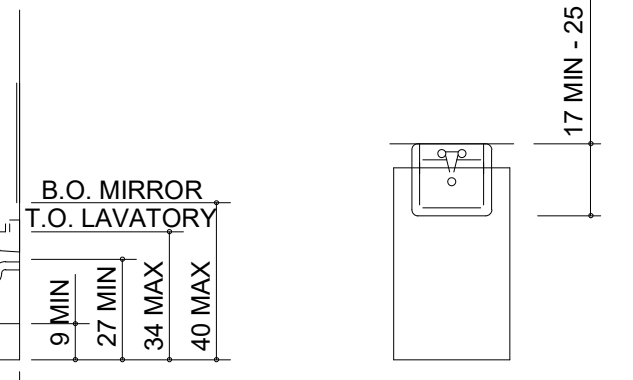
ELEVATIONS



PLAN
30\"/>



ELEVATIONS

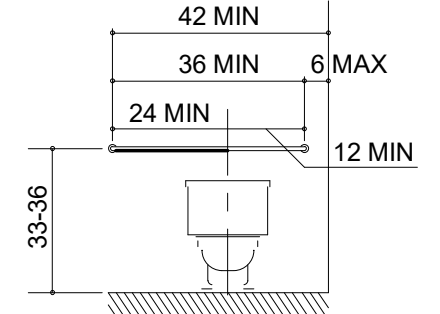


PLAN
30\"/>

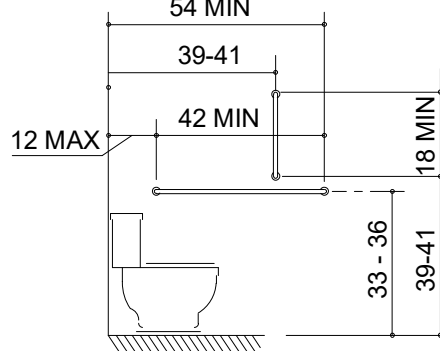
URINAL CLEARANCES

4 SECTION 4.18 URINALS

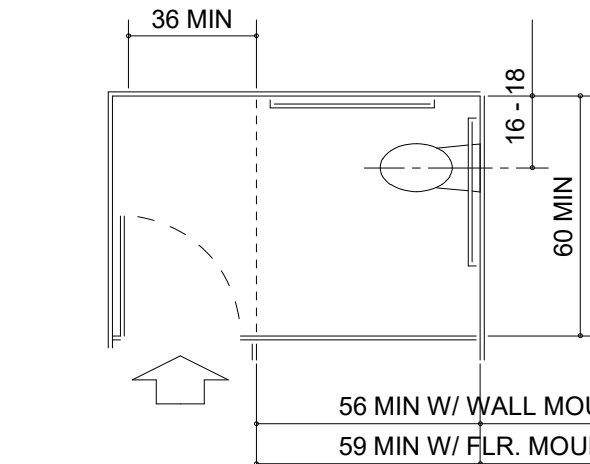
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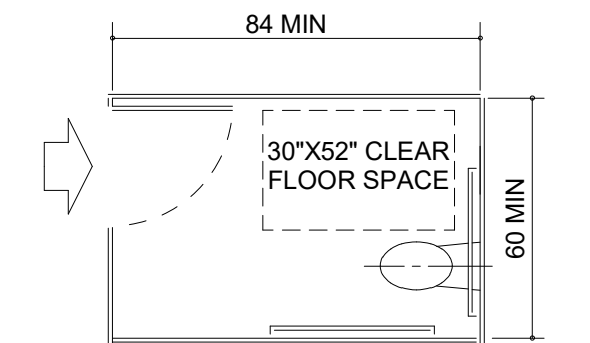
BACK WALL
GRAB BARS AT WATER CLOSETS



SIDE WALL
GRAB BARS AT WATER CLOSETS



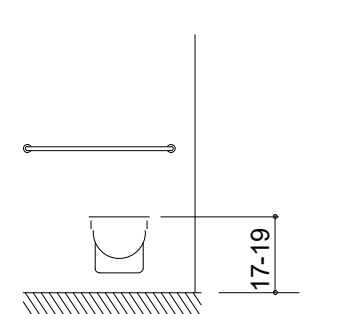
STANDARD STALL (END OF ROW)



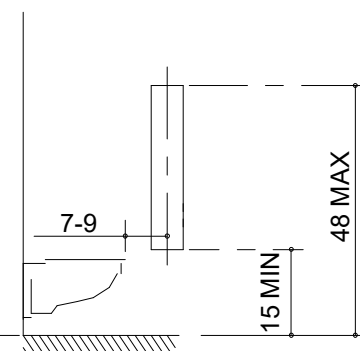
ALTERNATIVE STALL

5 SECTION 4.19 LAVATORIES & MIRRORS

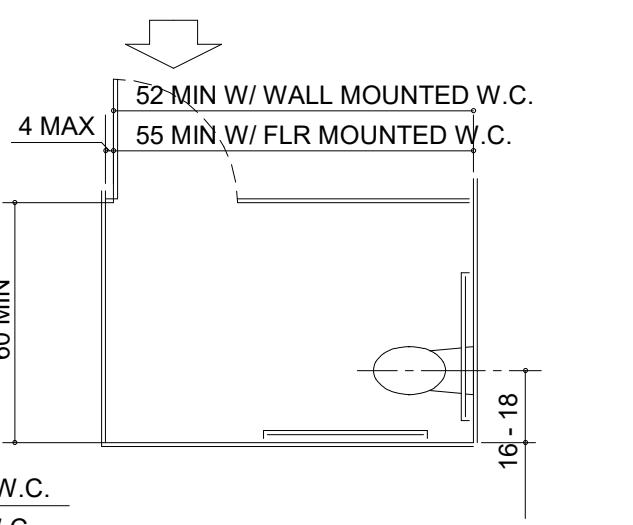
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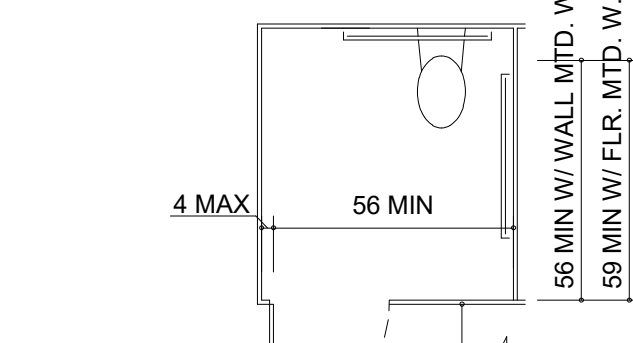
SEAT HEIGHT



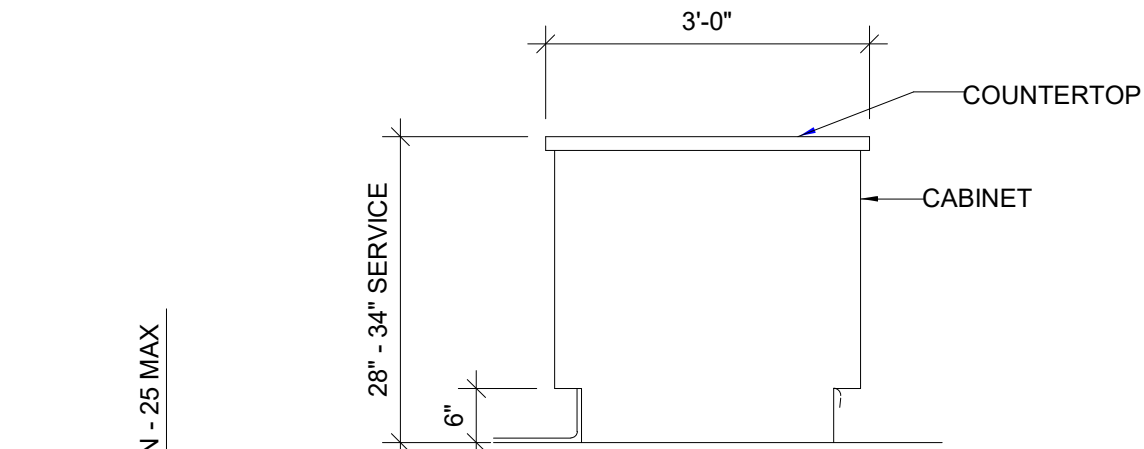
DISPENSER OUTLET LOCATION



STANDARD STALL (END OF ROW)

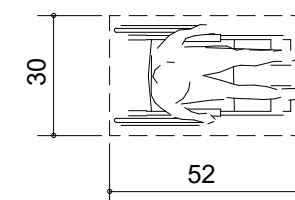


STANDARD STALL (END OF ROW)

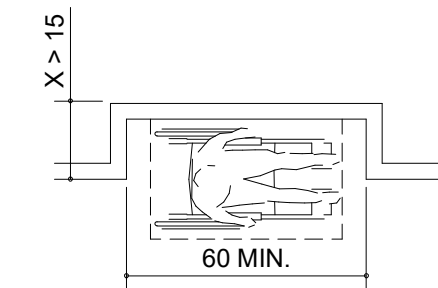


7 TYP SECTION @ COUNTER

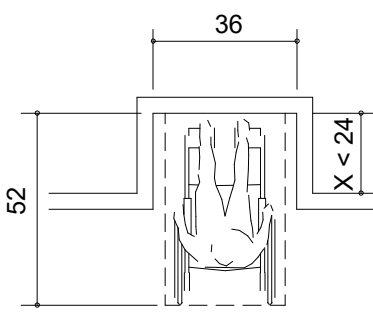
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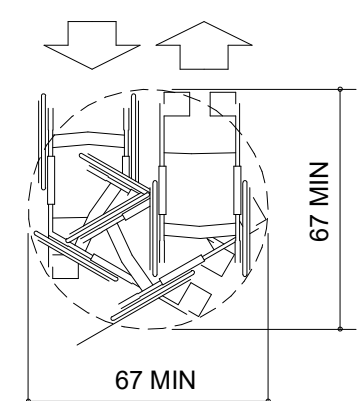
CLEAR FLOOR SPACE



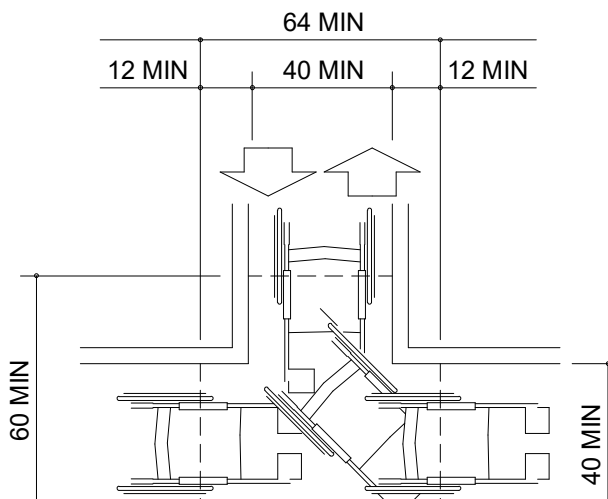
ADDITIONAL MANEUVERING
CLEARANCE FOR ALCOVE



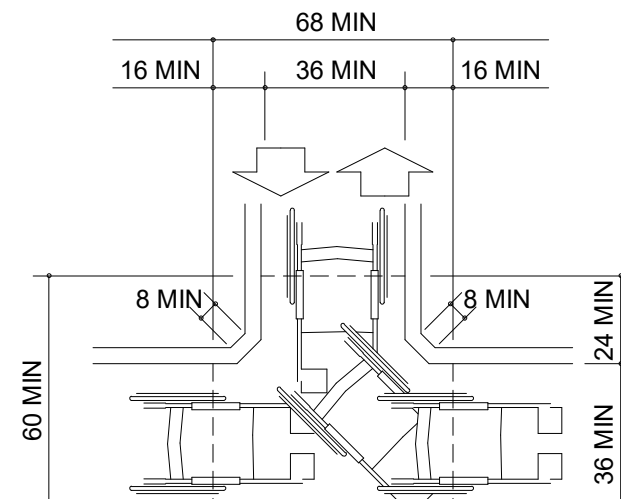
CLEAR FLOOR SPACE
IN ALCOVE



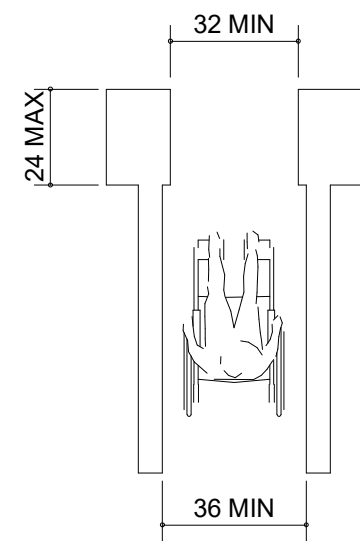
WHEELCHAIR TURNING SPACE



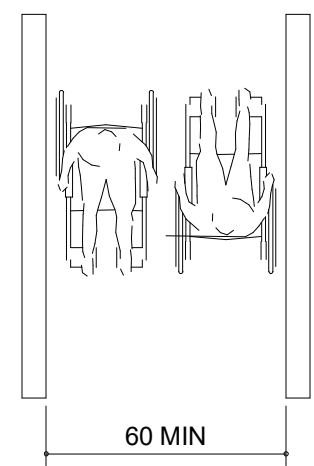
T-SHAPED SPACE FOR
180° TURNS



T-SHAPED SPACE FOR
180° TURNS



MINIMUM CLEAR WIDTH
FOR SINGLE WHEELCHAIR



MINIMUM CLEAR WIDTH
FOR TWO WHEELCHAIRS

8 SECTION 4.2 SPACE ALLOWANCES

Scale: NTS



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STARBUCKS TEMPLATE VERSION i2020-01-31

NORR



353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514

Engineering Consultants
Mechanical - Electrical - Plumbing



PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ADA DETAILS 2017

SCALE: AS SHOWN

SHEET NUMBER:

G004

REVISION 1 SET - ISSUED 07.07.2020

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SHOWN FOR DESIGN INTENT ONLY



CAFE VIEW FROM NORTHWEST



CAFE VIEW FROM EAST



CAFE VIEW FROM SOUTHEWEST



CAFE VIEW FROM SOUTHEAST



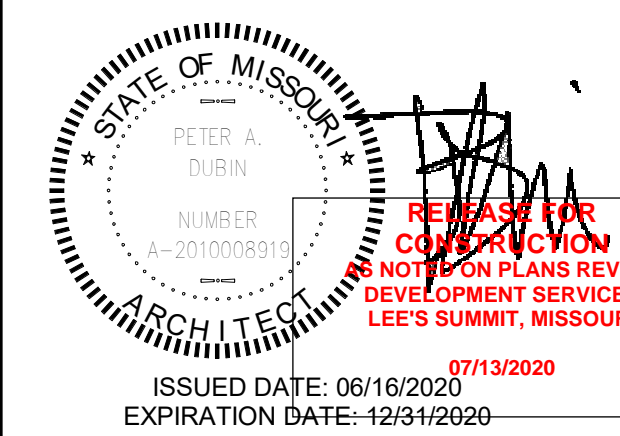
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REVISION 1 SET - ISSUED 07.07.2020

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ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
3D VIEWS

SCALE: AS SHOWN

SHEET NUMBER:
G005

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CAFE VIEW FROM NORTHWEST




CAFE VIEW FROM EAST



CAFE VIEW FROM SOUTHWEST



CAFE VIEW FROM SOUTHEAST




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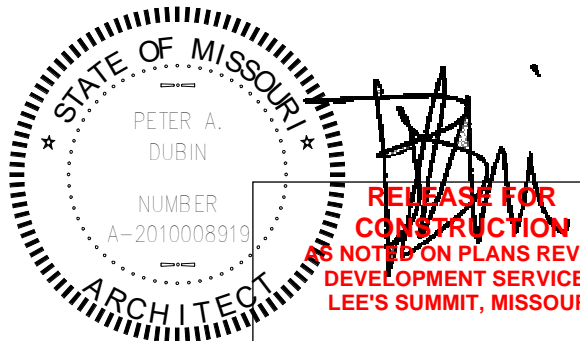
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Mechanical - Electrical - Plumbing


ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

REVISION 1 SET - ISSUED 07.07.2020

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STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
RENDERINGS

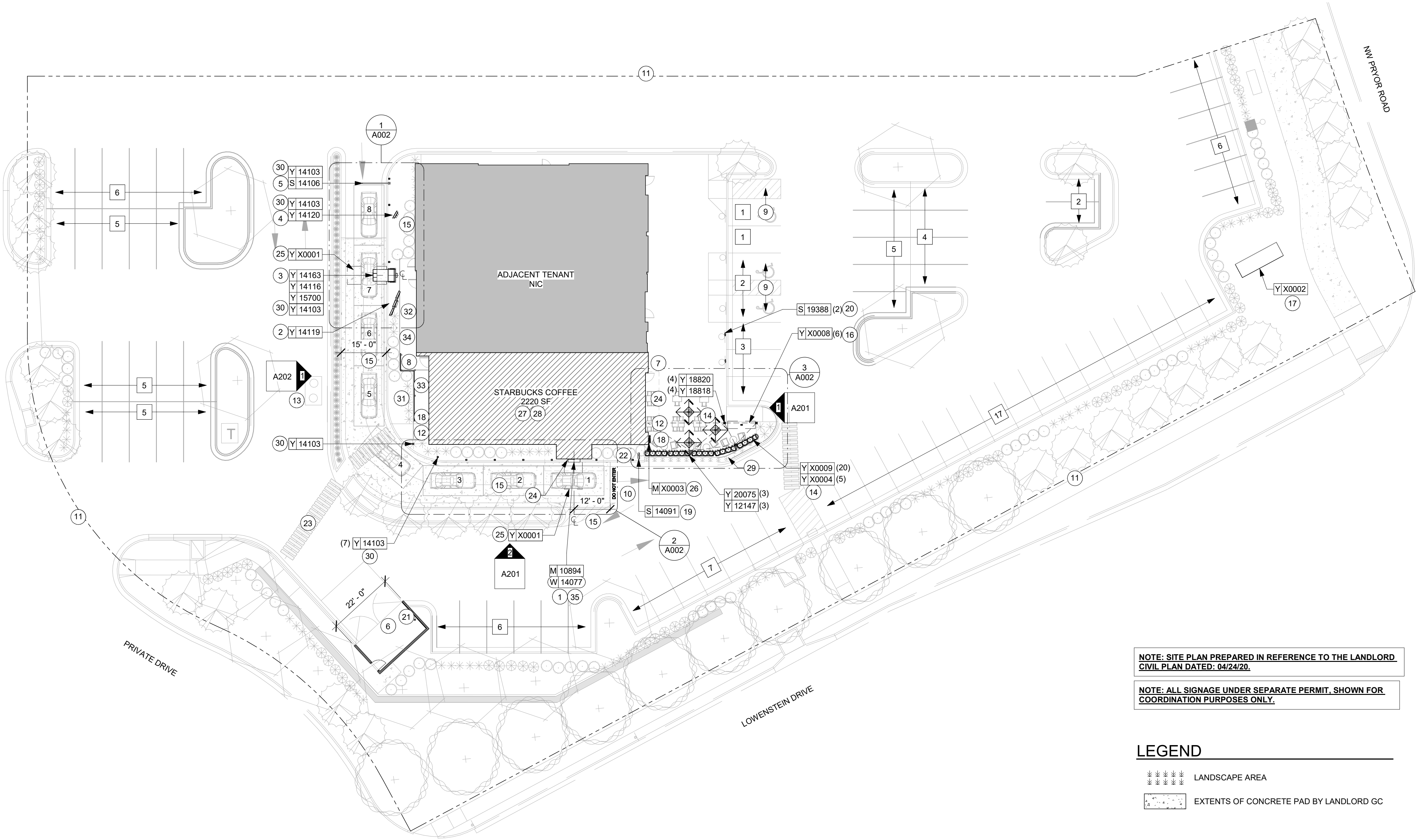
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SHEET NUMBER:
G006

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ARCHITECTURAL SITE PLAN - FOR REFERENCE ONLY

Scale: 1" = 20'-0"



GENERAL NOTES

- A. REFER TO EXTERIOR ELEVATIONS ON SHEET A201 FOR BUILDING SIGNAGE LOCATION AND DESIGN ID. REFER TO ELECTRICAL PLANS FOR ELECTRICAL REQUIREMENTS.
- B. LANDSCAPING TO BE PROVIDED PER ZONING CODE AND SUSTAINABILITY REQUIREMENTS.
- C. DRIVE-THRU EQUIPMENT INCLUDING VEHICLE DETECTION LOOP, WIRELESS COMMUNICATION AND MONITORS SHALL BE COORDINATED BY STARBUCKS CONSTRUCTION MANAGER. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- D. PROVIDE 6" (150MM) THICK CONCRETE PAVING THE LENGTH OF THE DRIVE-THRU LANE, EXTENT TO INCLUDE DRIVE-THRU ENTRY POINT THROUGH WINDOW STANDING PAD.
- E. GENERAL CONTRACTOR TO APPLY CONCRETE SEALER TO ALL EXTERIOR CONCRETE PATIO AND WALKWAY SURFACES.
- F. GENERAL CONTRACTOR TO VERIFY ALL EXISTING ELEVATIONS AND BUILDING CONDITIONS IN FIELD PRIOR TO START OF CONSTRUCTION.
- G. PROVIDE DETECTABLE WARNING (IF APPLICABLE PER LOCAL CODE) AT TRANSITION FROM SIDEWALK TO DRIVE AISLE.
- H. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL HAVE SURFACE SLOPE NOT TO EXCEED 2% IN ALL DIRECTIONS.
- I. REFER TO ELECTRICAL DRAWINGS FOR SITE RELATED ELECTRICAL WORK.
- J. SCRAPER AND REPAINT ALL EXISTING PAINTED SITE FEATURES, INCLUDING, BUT NOT LIMITED TO CURBS, BOLLARDS, RAILINGS AND SITE LIGHTING BASES.
- K. SEE SHEET A002 FOR ARCHITECTURAL SITE DETAILS.

KEYED NOTES

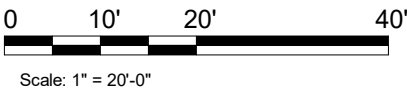
1. DRIVE-THRU WINDOW, HAND-OFF SHELF, AND AIR CURTAIN BY LL.
2. 5-PANEL MENU BOARD. LL TO PROVIDE AND INSTALL CONDUIT, FOOTING, AND ANCHOR BOLTS PER LLWL.
3. DIGITAL ORDER SCREEN AND CANOPY. REFER TO DOS CONTROL BOX FOR MORE INFORMATION. LL TO PROVIDE AND INSTALL CONDUIT, FOOTING, AND ANCHOR BOLTS PER LLWL.
4. PRE-MENU BOARD. LL TO PROVIDE AND INSTALL CONDUIT, FOOTING AND ANCHOR BOLTS PER LLWL.
5. FREESTANDING CLEARANCE BAR. LL TO PROVIDE AND INSTALL FOOTING AND ANCHOR BOLTS PER LLWL.
6. SHARED TRASH ENCLOSURE BY LL.
7. BUILDING ENTRANCE.
8. 42" REAR EXIT DOOR BY LL.
9. ADA PARKING, STRIPING, CURB CUTS AND SIGNAGE BY LL.
10. "DO NOT ENTER" PAVEMENT MARKING BY LL.
11. PROPERTY LINE
12. LL TO PROVIDE KEYED, FROST-FREE RECESSED HOSE BIB PER LLWL. SEE EXTERIOR ELEVATIONS FOR MORE INFORMATION
13. GREASE INTERCEPTOR BY LL. CAPACITY: 1500 GALLONS PER LL DRAWINGS.
14. PATIO SEATING AREA BY LL. LL TO PROVIDE IRRIGATED PLANTERS, PLANTS, AND LANDSCAPED AREA AS INDICATED. ELECTRICAL FOR FANS/ STRING LIGHTS TO BE PROVIDED BY LL PER LL CRITERIA PACKAGE STANDARDS.
15. LL TO PROVIDE 6" THICK CONCRETE DRIVE-THRU LANE WHICH SHALL EXTEND FROM 12FT FROM THE CENTERLINE OF THE ORDER SCREEN TO 12FT BEYOND THE CENTERLINE OF THE DRIVE-THRU WINDOW.
16. BIKE RACK PROVIDED BY LL. SPECIFICATION PER SBUX.
17. MONUMENT SIGN BY LL. SBUX TO PROVIDE PANEL FACES ONLY, BASE SIGN, FOOTING, ANCHOR BOLTS, AND CONDUIT TO BE PROVIDED BY LL.
18. LL TO PROVIDE COVERED EXTERIOR ELECTRICAL OUTLETS PER LLWL. SEE EXTERIOR ELEVATIONS AND ELECTRICAL SHEETS FOR MORE INFORMATION.
19. ILLUMINATED DRIVE THRU 'EXIT ONLY' THANK YOU' SIGN. LL TO PROVIDE AND INSTALL CONDUIT, FOOTING AND ANCHOR BOLT CONNECTIONS PER LLWL.
20. "MOBILE ORDER PAY PARKING ONLY" SIGN - BY LL.
21. KEYED, FROST-FREE RECESSED HOSE BIB TO BE INSTALLED IN TRASH ENCLOSURE PER LLWL.
22. DRIVE-THRU LANE TO BE 1'-0" AWAY FROM BUMPOUT PER LL CRITERIA PACKAGE REQUIREMENTS.
23. EMPLOYEE EGRESS PATH AND CURB CUTS TO TRASH ENCLOSURE BY LL PER LLWL.
24. INDICATES BUILDING CANOPY ABOVE. TO BE PROVIDED BY LL. LL TO PROVIDE BLOCKING, AS NECESSARY, AND RECESSED CAN LIGHTS PER LLWL. BUILDING CANOPY TO EXTEND A MINIMUM OF 4'-0" FROM EXTERIOR WALL PER LLWL REQUIREMENTS.
25. INSTALL VEHICLE DETECTOR LOOP @ CENTERLINE FOR ORDER POINT & DRIVE THRU WINDOW. REFER TO SITE DETAILS FOR MORE INFORMATION. LL TO PROVIDE ELECTRICAL.
26. WALL MOUNTED FAN. LL TO PROVIDE ELECTRICAL.
27. 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.
28. STARBUCKS SIGNAGE VENDOR TO COORDINATE APPROVALS AND PERMITS FOR EXTERIOR SIGNAGE SEPARATELY AS REQUIRED.
29. LANDSCAPE BUFFER AREA AT PATIO BY LL. LL TO PROVIDE IRRIGATION AND PLANTS PER LLWL.
30. LL TO PROVIDE AND INSTALL 5IN SQUARE, NON ILLUMINATED BOLLARDS AS INDICATED PER LLWL. REFER TO SITE DETAILS FOR MORE INFORMATION.
31. LL TO PROVIDE UTILITY SCREEN PER LLWL REQUIREMENTS.
32. GAS METER LOCATION PER LL DRAWINGS.
33. ELECTRICAL METER LOCATION PER LL DRAWINGS.
34. EXTERIOR ROOF LADDER PER LL DRAWINGS.
35. GC TO REMOVE EXISTING DT SHELF.

NOTE: SITE PLAN PREPARED IN REFERENCE TO THE LANDLORD CIVIL PLAN DATED: 04/24/20.


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

LEGEND

- LANDSCAPE AREA
- EXTENTS OF CONCRETE PAD BY LANDLORD GC



REVISION 1 SET - ISSUED 07.07.2020




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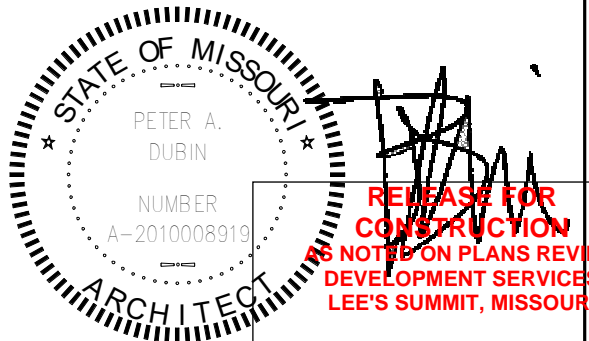
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Fax (314) 373-3514

Alkemeyer & Associates
Engineering Consultants
Mechanical - Electrical - Plumbing



ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

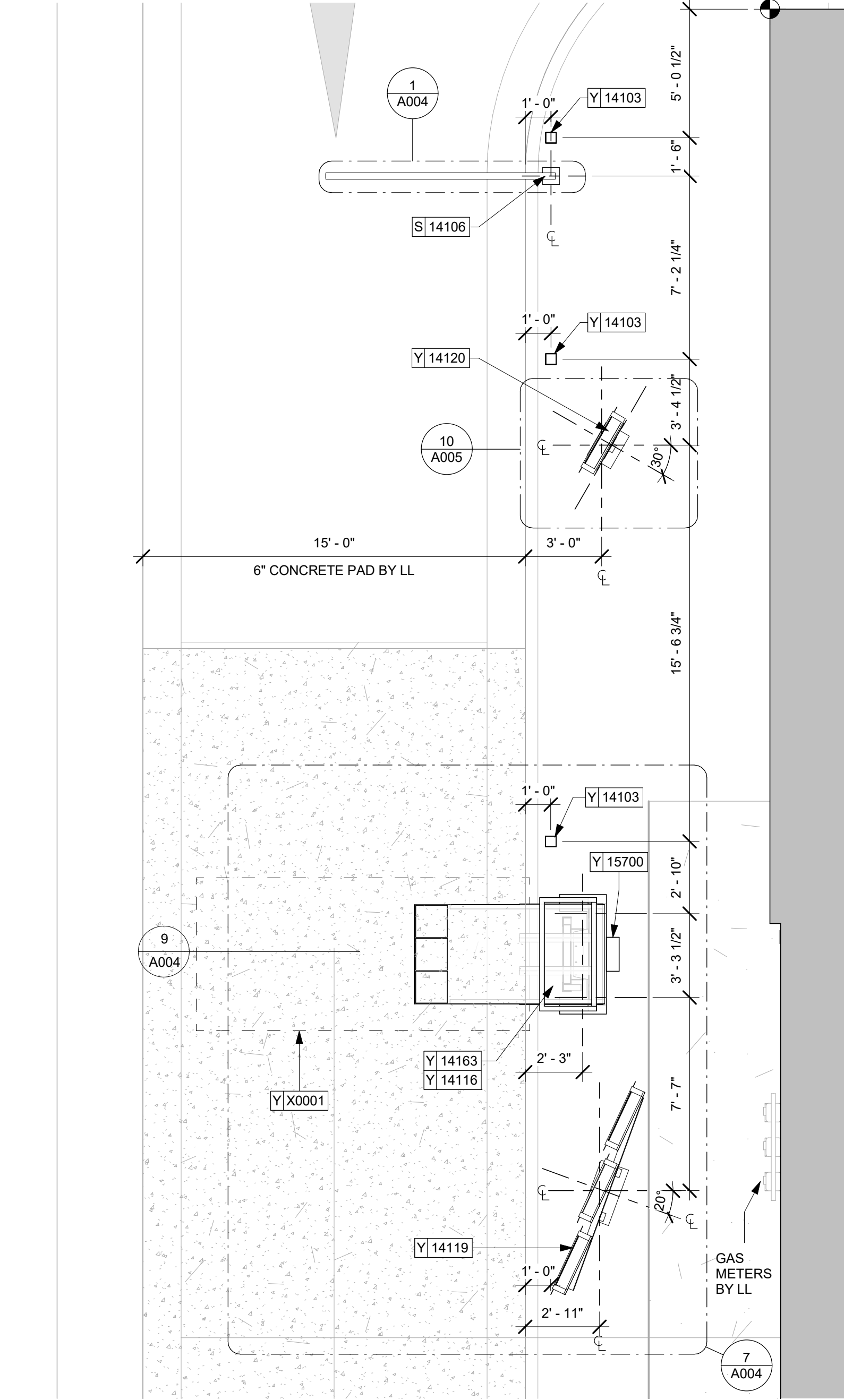
PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

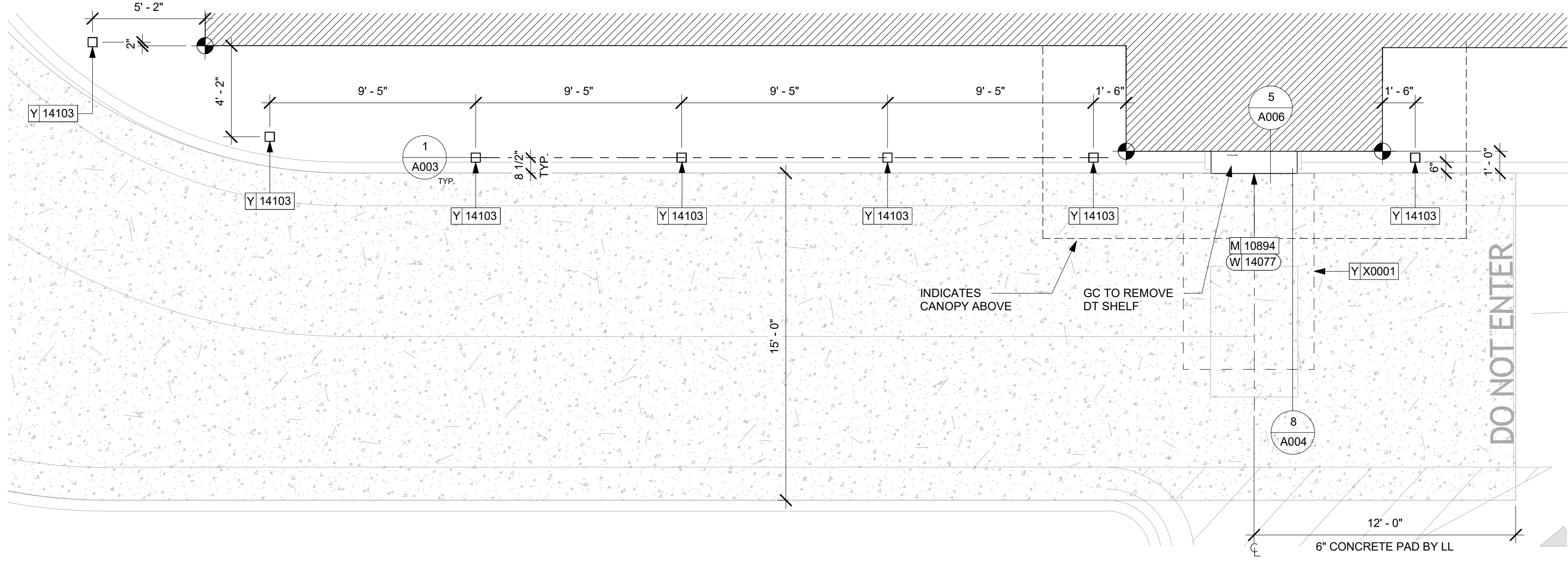
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**ARCHITECTURAL SITE
PLAN**
SCALE: AS SHOWN

SHEET NUMBER:
A001



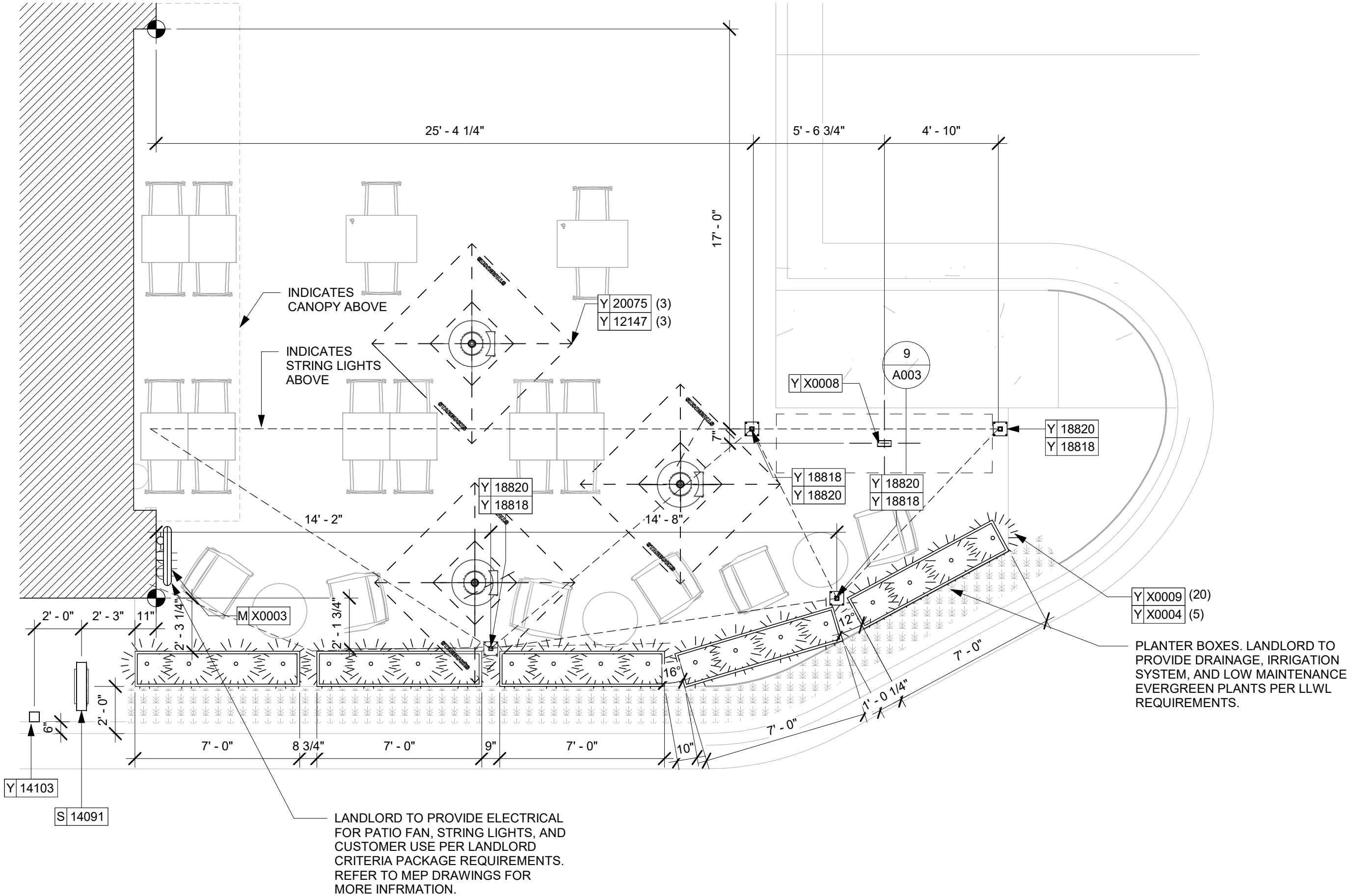
1 ENLARGED ORDER POINT

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



2 ENLARGED PICK-UP WINDOW

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



3 ENLARGED PATIO

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

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



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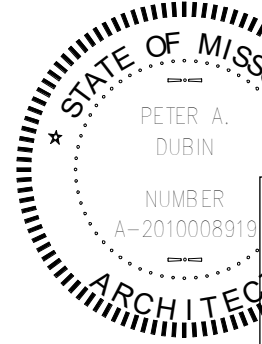
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ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

REVISION 1 SET - ISSUED 07.07.2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

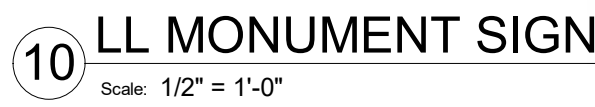
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
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DETAILS**

SCALE: AS SHOWN

SHEET NUMBER:
A002



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PROJECT NAME: BUILDOUT OF STARBUCKS COFFEE - NW PRYOR RD & CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS: STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY

STORE #:	62012
PROJECT #:	87799-001
ISSUE DATE:	07-07-2020
SR. DESIGN MANAGER:	K. GORIN SLONSKI
PRODUCTION DESIGNER:	A. HAHN
CHECKED BY:	NORR

Revision Schedule			
Rev	Date	By	Description

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

SHEET NUMBER: A003



LEGEND
 :
 --- DOS WHIP ---
 CONDUIT BY EC

NOTES:

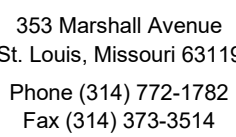
1. ALL SHOWN SHALL BE INSTALLED PER THIS DETAIL, CODE AND MANUFACTURER'S INSTRUCTIONS.
2. CONFIRM MOUNTING POSITIONS OF ALL DEVICES SHOWN WITH GC AND VENDOR.
3. EC TO PROVIDE, INSTALL AND CONNECT ALL LINE VOLTAGE CONDUCTORS.
4. EC TO CONNECT DEDICATED POWER BETWEEN DOS AND DCB.
5. DCB VENDOR TO CONNECT ALL LINE VOLTAGE CABLEING, INCLUDING DOS WHIPS TO DCB.
6. TERMINATE INCOMING POWER ON TERMINAL BLOCKS LABELED INCOMING DEDICATED POWER.
7. TERMINATE POWER TO DOS ON TERMINAL BLOCKS LABELED DOS DEDICATED POWER.
8. POWER TO DCB SHALL BE INDIVIDUAL BRANCH CIRCUIT IN DEDICATED CONDUIT (I.E. NOT BE ON EMS OR LIGHTING CONTROL).



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ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY

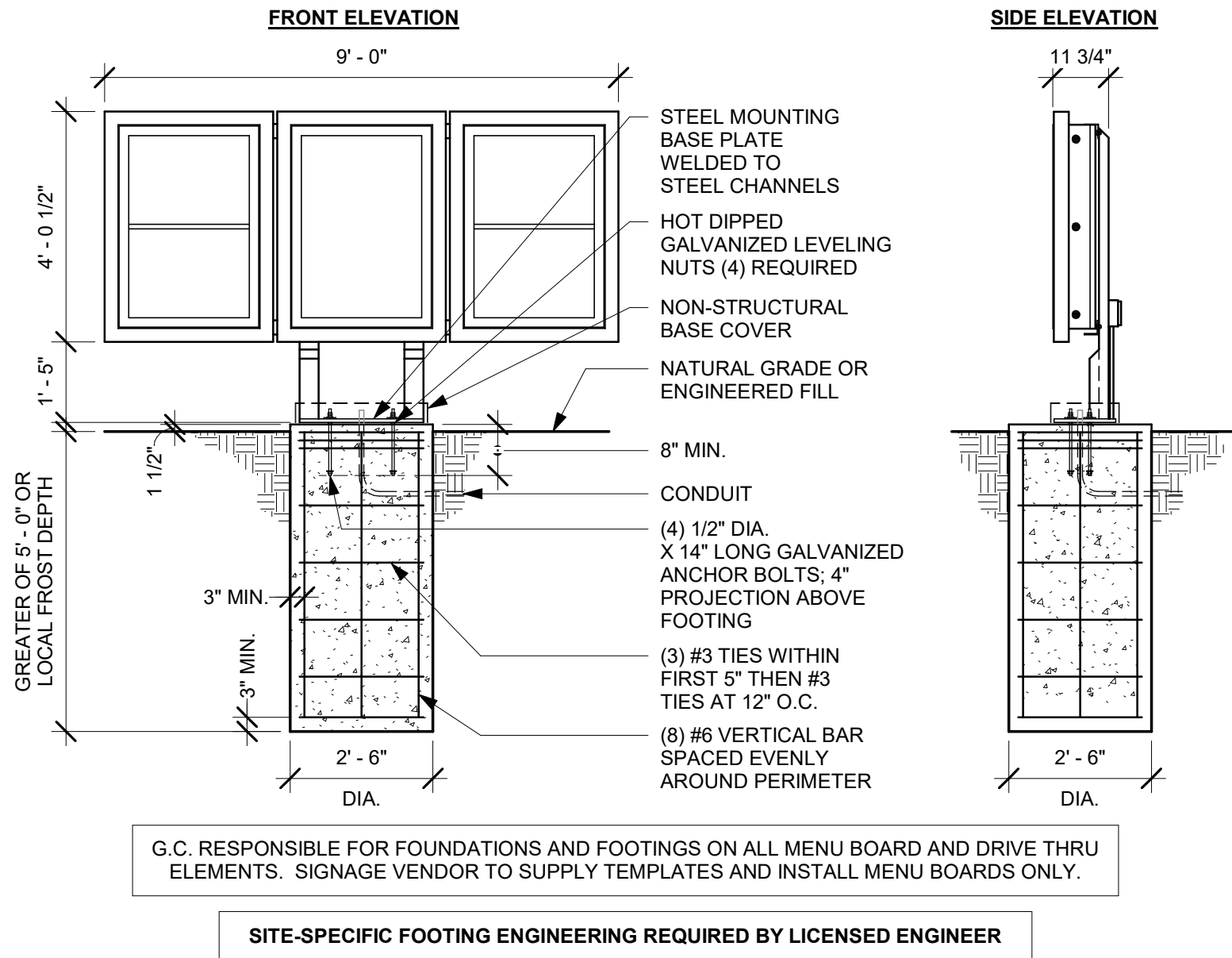
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSK
PRODUCTION DESIGNER: A. HAHN
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SHEET TITLE:
ARCHITECTURAL SITE
DETAILS
SCALE: AS SHOWN

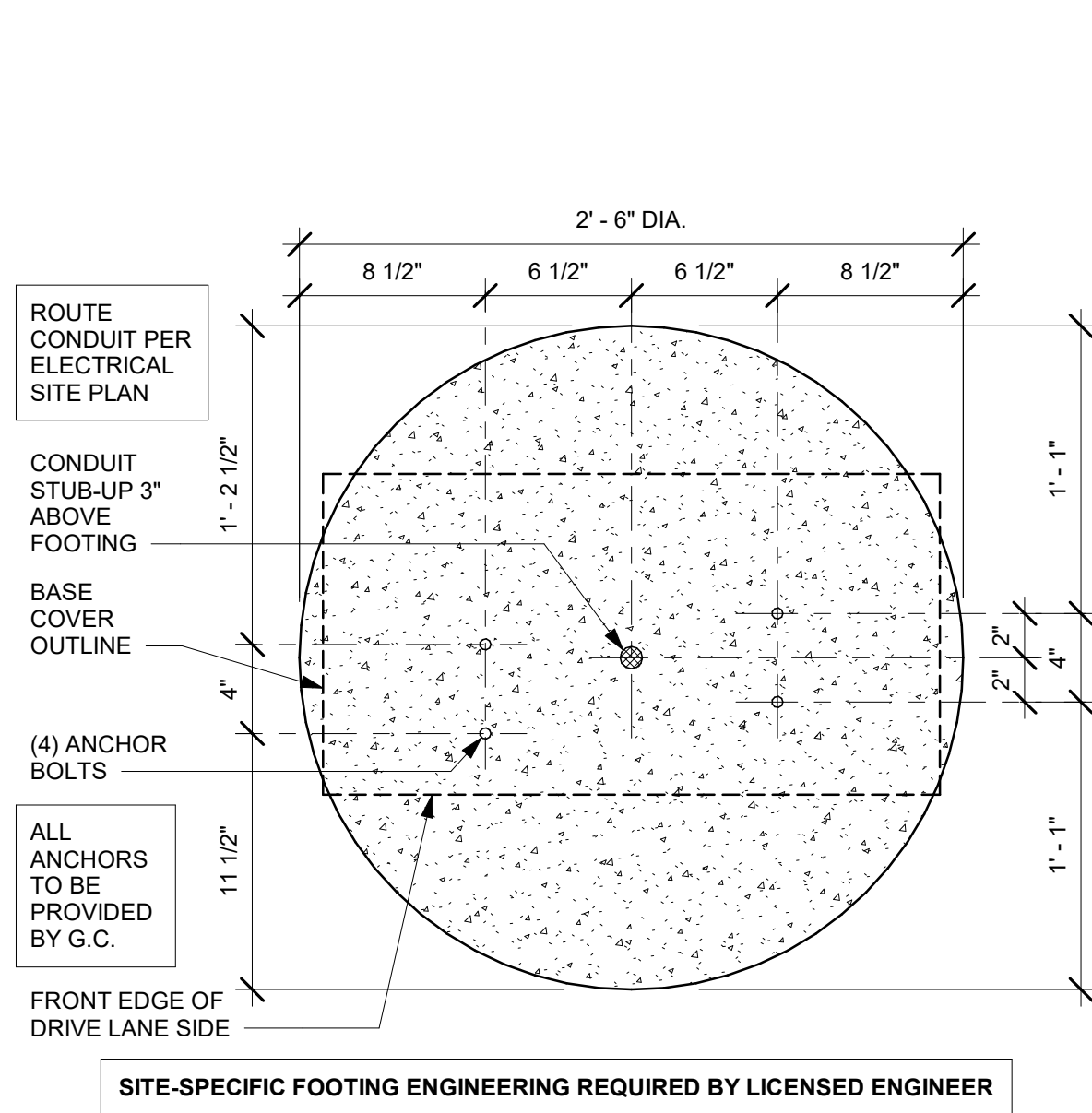
SHEET NUMBER:

A004

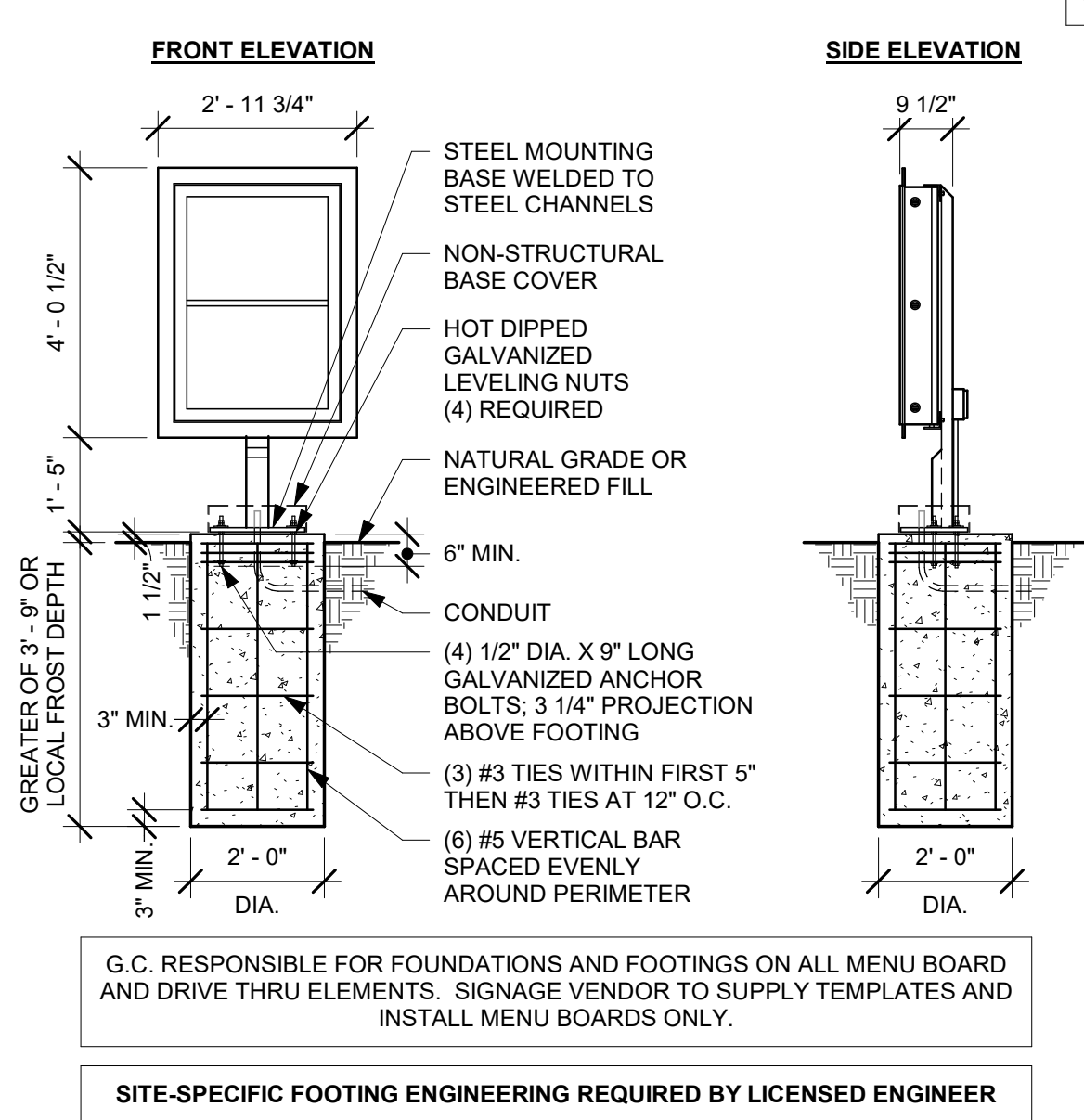
7/7/2020 9:36:47 AM \\CHINAS01\Chicago\Norr\Projects2\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deiv\BIM\01-WIP_Models\MO_NW_Pryor Rd & Chipman-Revision 1.rvt



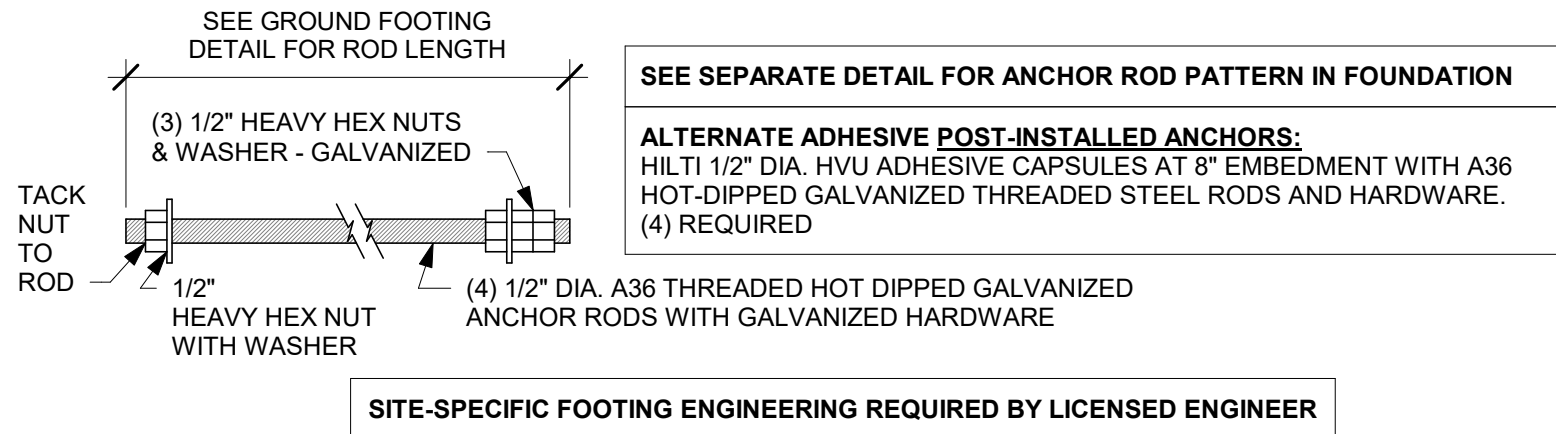
1 DTE 5-PANEL MENU BOARD GROUND FOOTING
Scale: 3/8" = 1'-0"



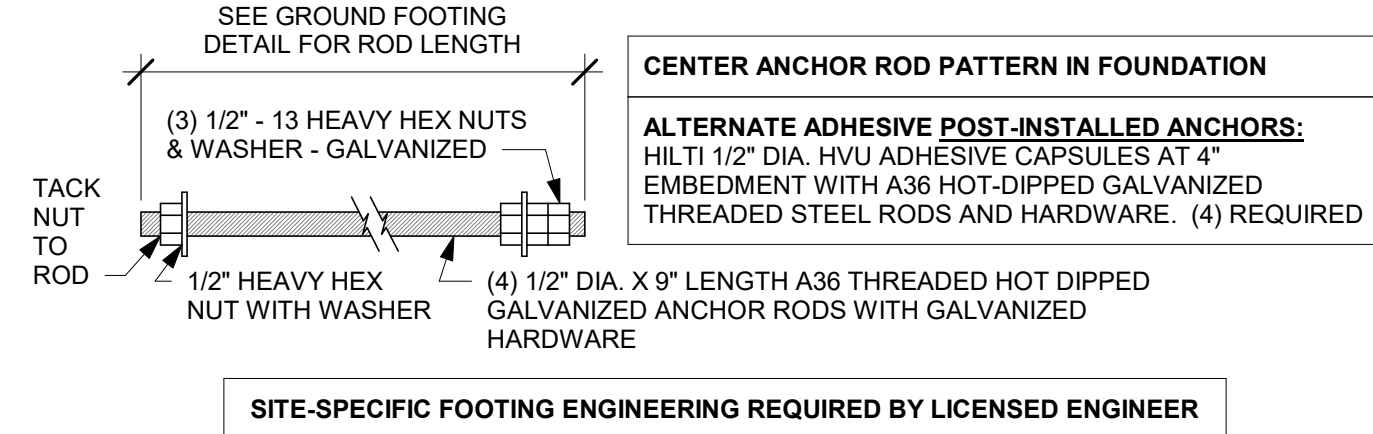
2 DTE 5-PANEL MENU BOARD BOLT PATTERN (TOP VIEW)
Scale: 1 1/2" = 1'-0"



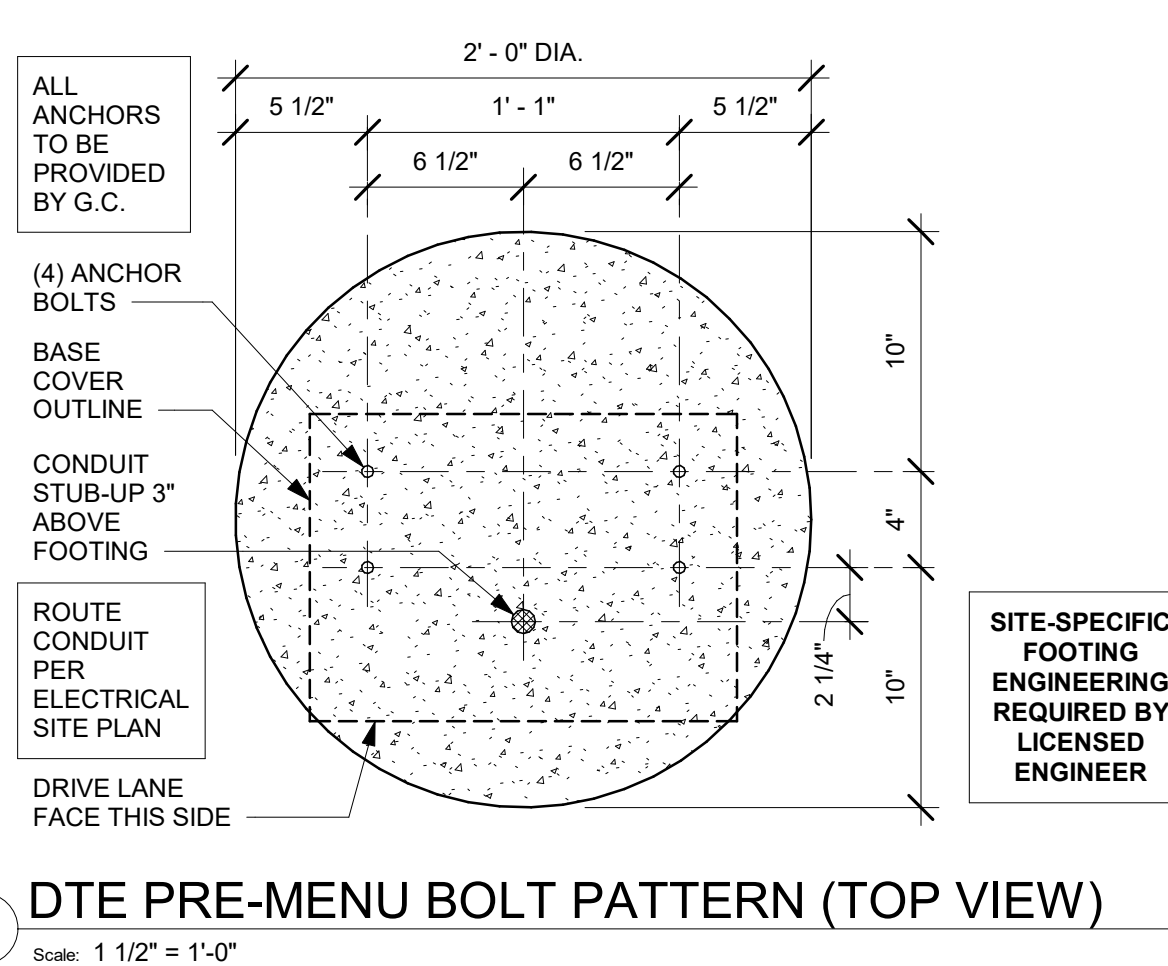
3 DTE PRE-MENU GROUND FOOTING
Scale: 3/8" = 1'-0"



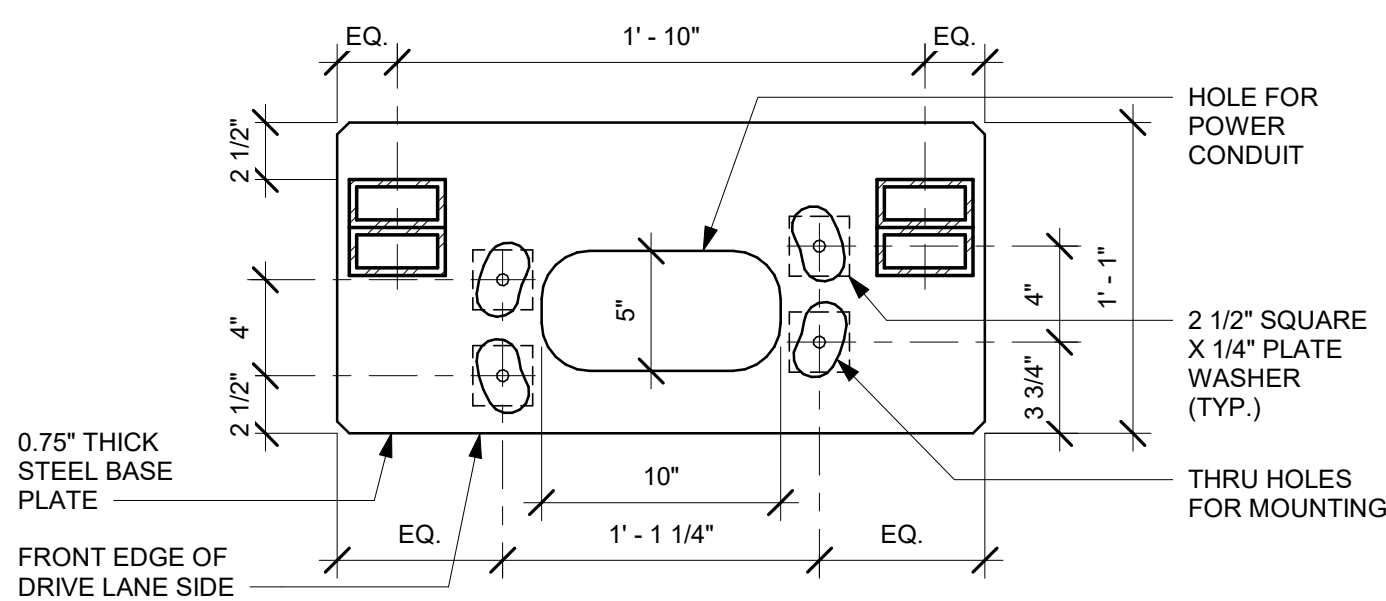
4 DTE 5-PANEL MENU BOARD ANCHOR ROD
Scale: 3" = 1'-0"



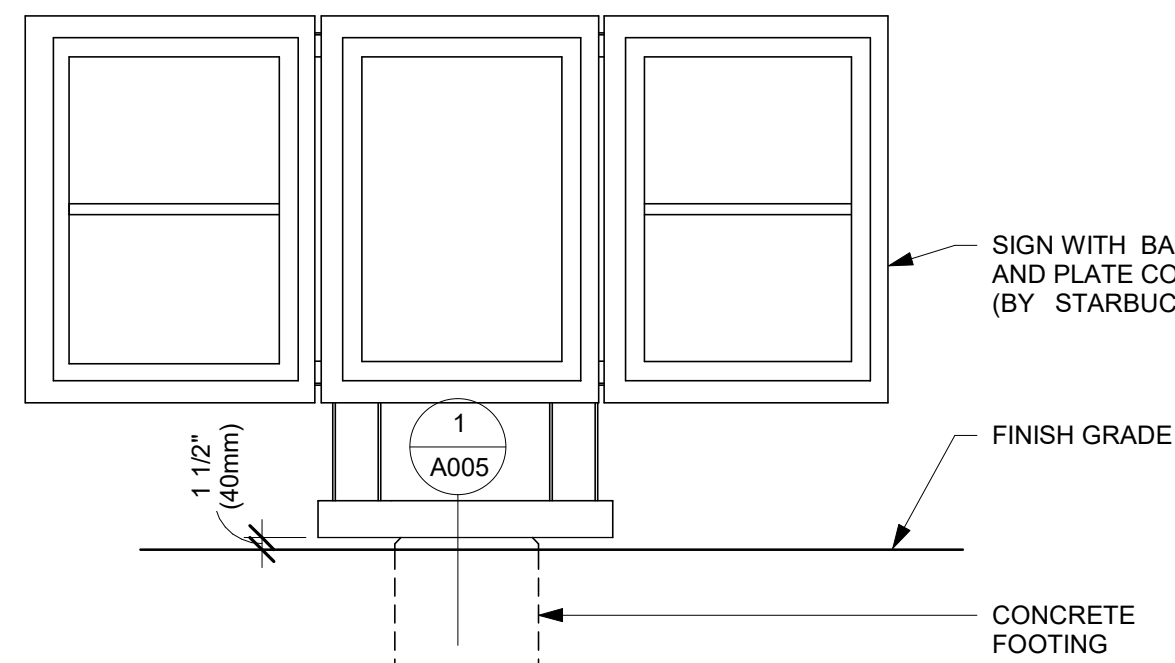
5 DTE PRE-MENU ANCHOR ROD
Scale: 3" = 1'-0"



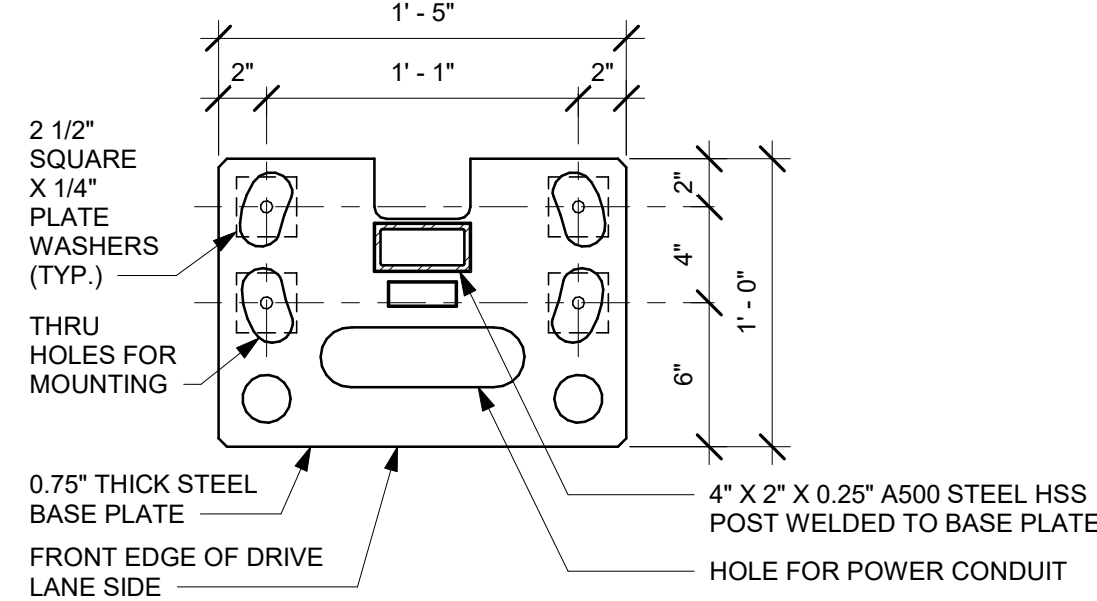
6 DTE PRE-MENU BOLT PATTERN (TOP VIEW)
Scale: 1 1/2" = 1'-0"



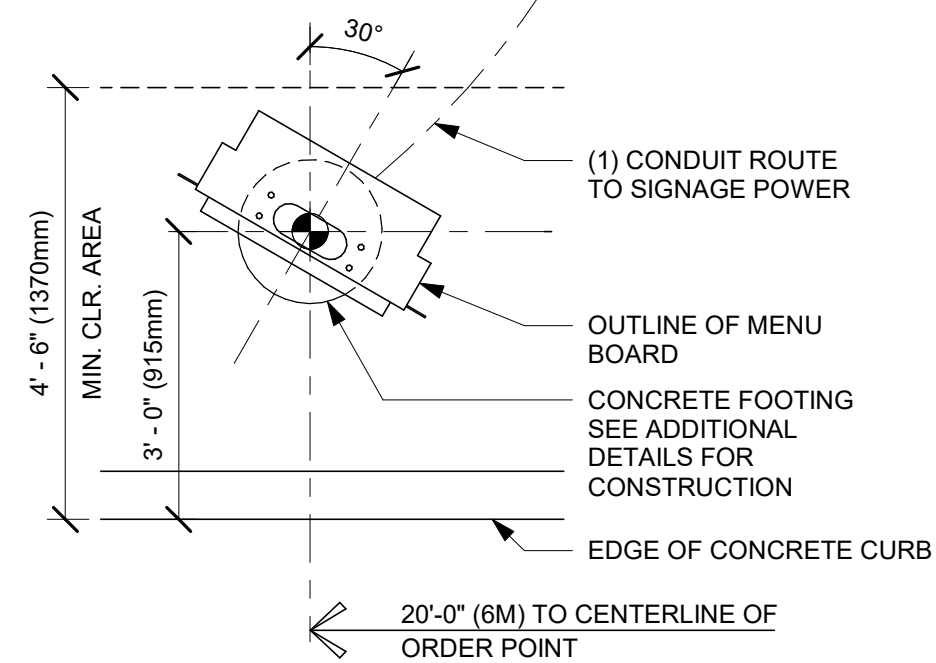
7 DTE 5-PANEL MENU BOARD BASE PLATE
Scale: 1 1/2" = 1'-0"



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



9 DTE PRE-MENU BASE PLATE
Scale: 1 1/2" = 1'-0"



10 DTE - PRE-MENU 30 DEG
Scale: 1/2" = 1'-0"

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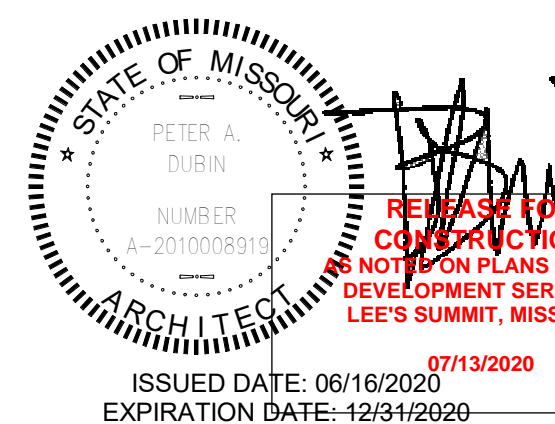
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Engineering Consultants
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PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

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

SHEET NUMBER:
A005

REVISION 1 SET - ISSUED 07.07.2020

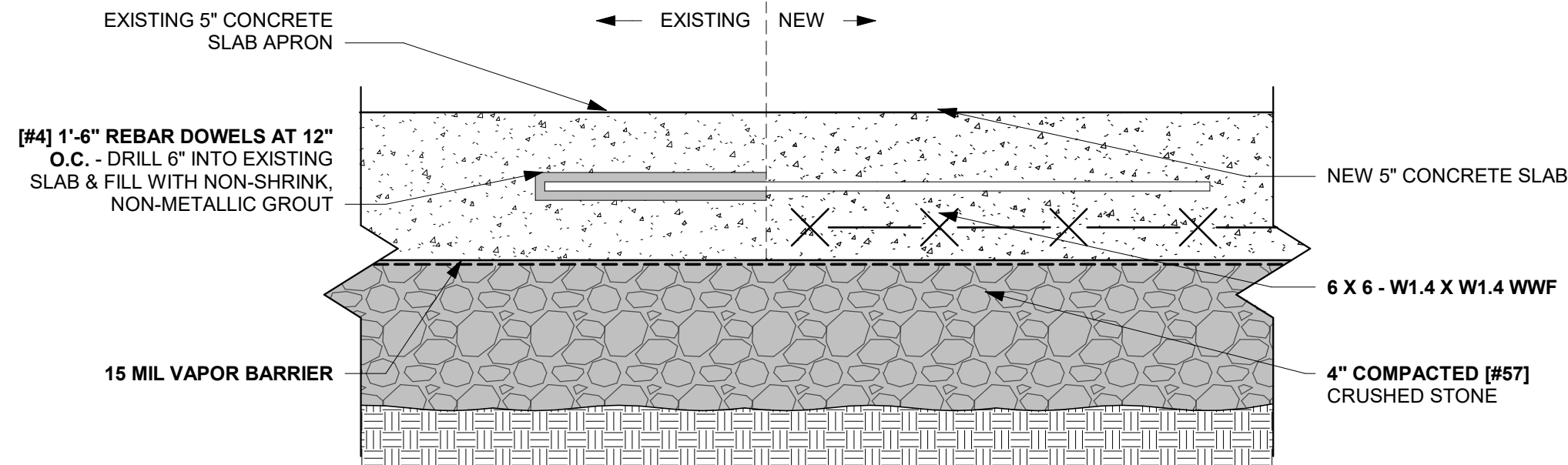


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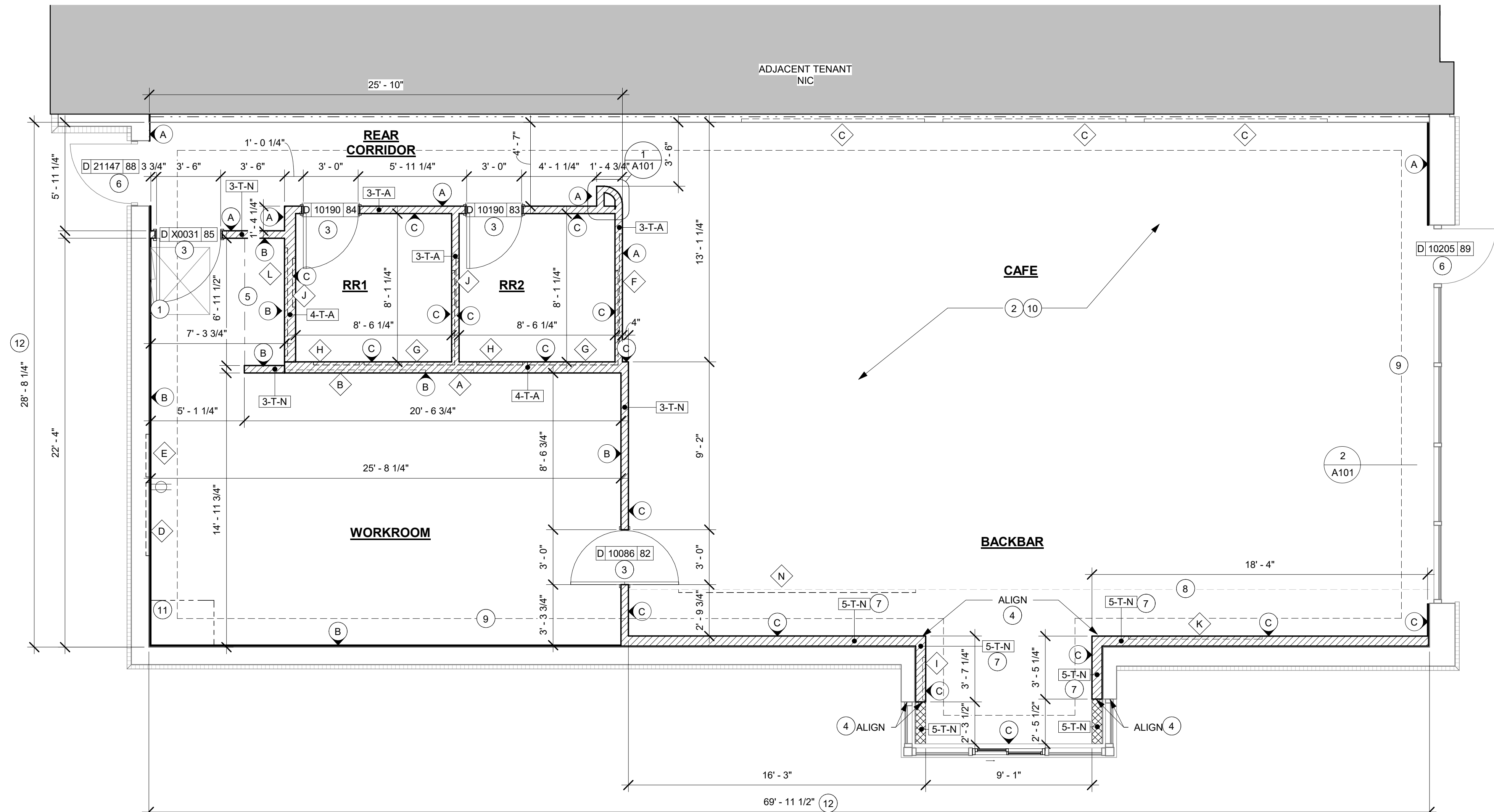
A006

7/7/2020 9:36:50 AM \\CHINAS01\Chicago\Norr\Projects\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deiv\BIM01-WIP_Models\MO_NW_Pryor Rd & Chipman-Revision 1.rvt

INTERIOR NEW WALL SCHEDULE			
TAG	DESCRIPTION	INSULATION	NOTES
2-F-N	3 5/8" 20 GA STUD FURRING WALL	NONE	FULL HT. WALL. SEE PLAN FOR WALL SHEATHING.
2-T-N	3 5/8" 20 GA STUD FURRING @ 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.
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-A	6" 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.
5-T-N	6" 20 GA STUDS @ 16" O.C. 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.



2 SLAB CONNECTION - SECTION
Scale: 3" = 1'-0"



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

WALL BLOCKING KEY

SYMBOL	ITEM	WEIGHT	HEIGHT A.F.F.	APPROX. WIDTH
A	WORKROOM HAND SINK	128 LBS (58 KG)	36" TO 40" (915MM TO 1015MM)	30" (760MM) BEHIND SINK
B	SHELVES ABOVE COMPARTMENT SINK	200 LBS (91 KG)	48" TO 76" (1220MM TO 1930MM)	96" (2440MM) CENTERED ABOVE COMPARTMENT SINK
C	ARTWORK	200 LBS	COORDINATE WITH INTERIOR ELEVATIONS	
D	SHELVES AT MANAGER'S DESK	300 LBS (136 KG)	32" TO 96" (810MM TO 2440MM)	48" (1220MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON SHELVES
E	EQUIPMENT RACK AT MANAGER'S DESK	300 LBS (136 KG)	44" TO 96" (1120MM TO 2440MM)	28" (710MM) 3/4 (19MM) ACX PLYWOOD, CENTERED ON RACK
F	MERCHANDISE DISPLAY	100 LBS	70" TO 96"	WIDTH OF FIXTURE + 8" EITHER SIDE
G	RESTROOM GRAB BARS	200 LBS (91 KG)	30" TO 36" (760MM TO 915MM)	60" (1525MM) AROUND WATER CLOSET
H	RESTROOM HAND SINK	200 LBS (91 KG)	COMMERCIAL INSTALLATION REQUIRES CONCEALED ARM CARRIER. REFER TO MFR'S SPECIFICATION.	
I	DT UPPER CABINET	BLOCKING SPECIFICATION FOR FRENCH CLEATING SYSTEM. REFER TO DETAILS.		
J	DIAPER CHANGING STATION	250 LBS (113 KG)	40 1/2" TO 46 1/2" (1030MM TO 1180MM)	32" (810MM) BEHIND STATION
K	UPPER CBE SHELVING	BLOCKING SPECIFICATION FOR CBE METAL SHELVES. REFER TO VENDOR'S SPECIFICATION AND DETAILS.		
L	WATER FILTRATION SYSTEM	TBD BY VENDOR	COORDINATE LOCATION AND EXTENT WITH PENTAIR	
M	ALL ARTWORK, FIXTURES, ACCESSORIES AND CASEWORK FABRICATIONS NOT OTHERWISE NOTED	TBD BY VENDOR (VARIES)	GC TO PROVIDE WALL BLOCKING AS REQUIRED FOR ALL ITEMS FOR A COMPLETE AND SECURE INSTALLATION. EXTEND BLOCKING 8" (205MM) BEYOND ON EACH SIDE OF EACH ITEM.	
N	MENU BOARDS (ON SOFFIT)	480 LBS	EXTEND 4" ABOVE AND BELOW EXTENTS OF MENU	EXTENT OF MENUS. EXTEND 4" ON EITHER SIDE. REFER TO BLOCKING DETAIL.

KEYED NOTES

- LL PROVIDED ELECTRICAL PANEL LOCATIONS. MAINTAIN MINIMUM CLEARANCE AS REQUIRED BY CODE.
- INSTALL NEW CONCRETE SLAB OVER VAPOR BARRIER OVER EXISTING COMPACTED FILL.
- GC TO INSTALL NEW INTERIOR DOORS AS INDICATED. SEE SHEET A602 FOR DOOR AND HARDWARE TYPE.
- ALIGN FACE OF FINISHED WALL.
- SHELF FOR WATER HEATER ABOVE. REFER TO INTERIOR ELEVATION FOR HEIGHT AND DETAILS FOR CONSTRUCTION OF PLATFORM AND SUPPORTING ASSEMBLY.
- EXTERIOR DOORS AND HARDWARE BY LL. PER STARBUCKS SPECIFICATION.
- FUR OUT INTERIOR FACE OF WALL.
- INDICATES SOFFIT ABOVE.
- EDGE OF EXISTING PERIMETER SLAB INSTALLED BY LL. GC TO CLEAN AND SCARIFY, APPLY EPOXY BONDING AGENT AT EDGE PRIOR TO INSTALLATION OF NEW CONCRETE. INSTALL INTERIOR CONCRETE SLAB AS SPECIFIED IN LL STRUCTURE DRAWINGS DATED 04/24/2020.
- LL TO PROVIDE GYPSUM BOARD WALL THROUGHOUT AS INDICATED.
- GC TO FIELD VERIFY INCOMING WATER SERVICE EQUIPMENT AND CLEARANCES.
- GC TO VERIFY OVERALL DIMENSIONS OF SPACE PRIOR TO LAYING OUT WALLS. CONTACT ARCHITECT IMMEDIATELY IF DISCREPANCIES OCCUR.

GENERAL NOTES

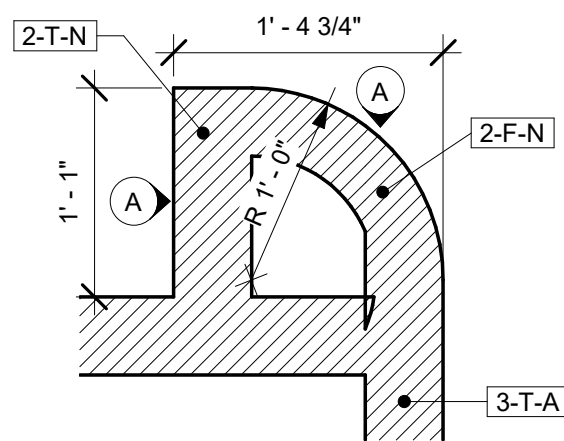
- GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.
- GENERAL CONTRACTOR TO PROVIDE FIRE TREATED WOOD STUD BLOCKING, OR EQUIVALENT TO SUPPORT ANY WALL ATTACHMENT AND/OR SIGNAGE.
- 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.
- ALL DIMENSIONS ARE TO FINISHED FACE UNLESS SHOWN OR NOTED OTHERWISE.
- INSTALL MOISTURE RESISTANT GREEN BOARD ON BACKBAR WALL PER PROJECT MANUAL.
- ALL DOORS SHALL BE 32" (815MM) MINIMUM CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION UNLESS OTHERWISE NOTED.
- SEE SHEET A601 FOR EXTERIOR DOOR AND WINDOW SCHEDULES.
- STARBUCKS VENDOR TO PROVIDE DOOR HARDWARE COMPONENTS AND GC TO INSTALL.
- VERIFY ALL EXISTING DOORS, HARDWARE AND FRAMES MEET STARBUCKS AND/OR CODE REQUIREMENTS.
- PROVIDE FIRE EXTINGUISHERS AS NOTED ON THE APPROVED PLANS FROM THE CITY.
- REFER TO SHEET 1104 FOR FLOOR FINISHES.

GENERAL LEGEND

	NEW FULL HEIGHT WALL
	NEW PARTIAL HEIGHT WALL
	EXISTING WALL
	EXISTING 2H FIRE RATED DEMISING WALL
	WALL BLOCKING CALL-OUT
	WALL SHEATHING CALL-OUT
	WALL TAG
	DOOR TAG

WALL SHEATHING KEY

SYMBOL	DESCRIPTION
	INDICATES SHEATHING TRANSITION
A	5/8" GYP. WALL BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)
B	5/8" MOISTURE RESISTANT GYPSUM BOARD (TERMINATE 6" ABOVE CEILING)
C	5/8" CEMENTITIOUS BACKER BOARD (TERMINATE AT 6" (150MM) ABOVE CEILING)



1 CORRIDOR WALL DETAIL
Scale: 1" = 1'-0"



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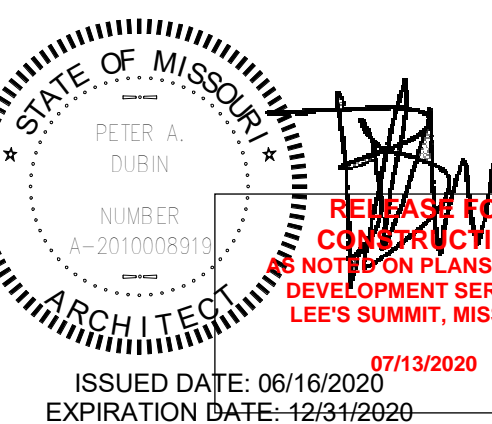
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Engineering Consultants
Mechanical - Electrical - Plumbing



REVISION 1 SET - ISSUED 07.07.2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

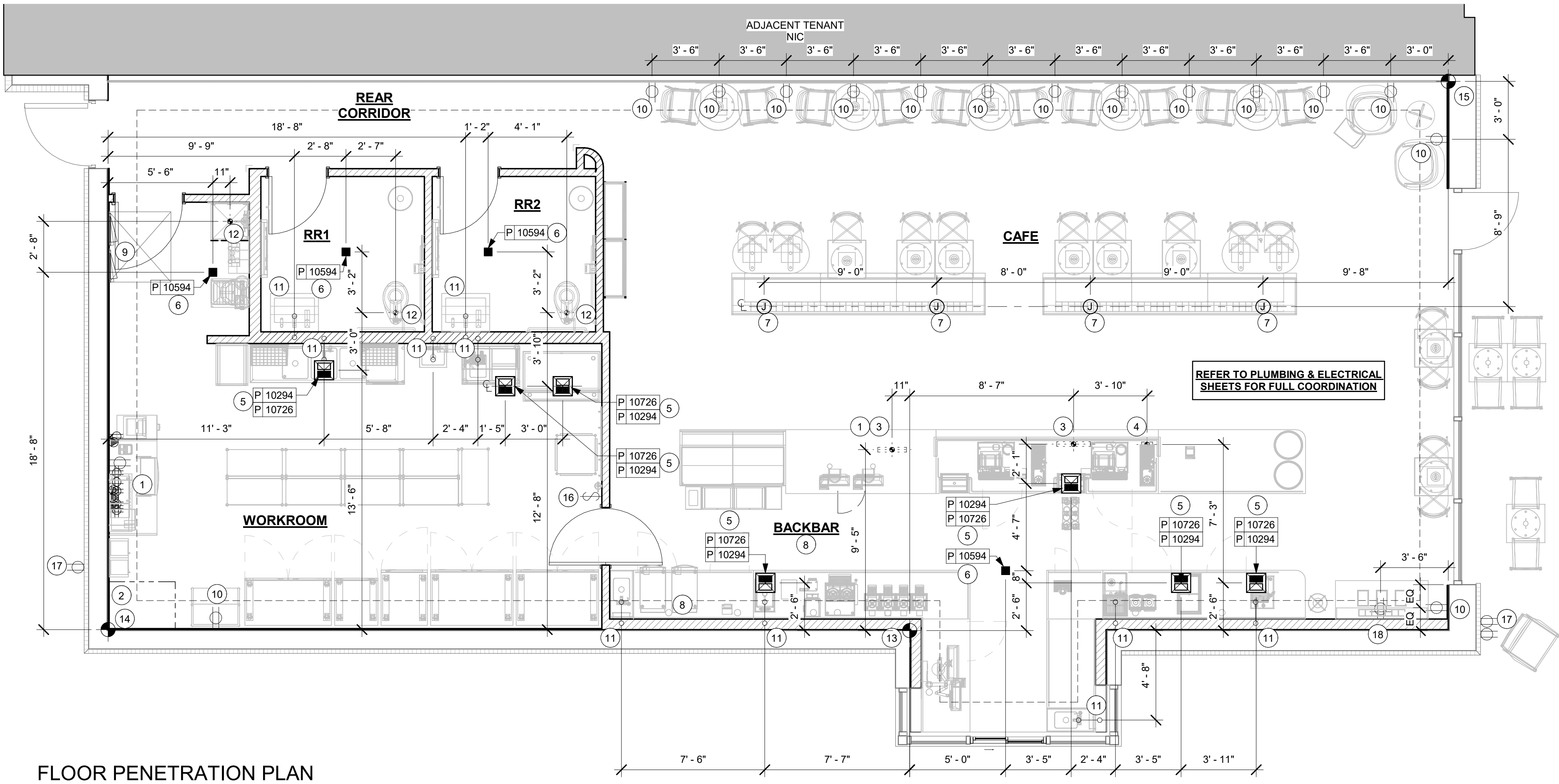
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
BUILDING FLOOR PLAN

SCALE: AS SHOWN

SHEET NUMBER:
A101

7/7/2020 9:36:53 AM \\CHINAS01\Chicago\Norri\Projects\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deiv\BIM\01-WIP_Models\MO_NW_Pryor Rd & Chipman-Revision 1.rvt



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

KEYED NOTES

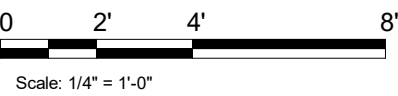
- **GC TO VERIFY IF EXISTING STUB-UPS ARE IN WORKING CONDITION & MAY BE REUSED. GC TO CONNECT NEW SPECIALTY EQUIPMENT TO EXISTING STUB-UPS WHERE POSSIBLE. ADD ADDITIONAL STUB-UPS/ROUGH-INS AS REQUIRED.**
- (3) 1/2" CONDUIT FOR PHONE, DATA, AND POWER FROM POS TO BE ROUTED TO CENTERLINE OF IT RACK AT MANAGERS 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.
 - LOCATION OF INCOMING WATER SERVICE BY LL.
 - ELECTRICAL STUB-UP LOCATION. SEE ELECTRICAL SHEETS FOR MORE INFORMATION.
 - 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.
 - FLOOR ELECTRICAL J-BOX. SEE ELECTRICAL SHEETS FOR MORE INFORMATION. COORDINATE WITH BANQUETTE SPECIFICATIONS.
 - GC TO PROVIDE POWER & DATA FOR FUTURE DIGITAL MENU BOARDS PER STARBUCKS STANDARD REQUIREMENTS. REFER TO INTERIOR ELEVATIONS & DETAILS FOR MORE INFORMATION.
 - ELECTRICAL PANEL LOCATION - BY LL.
 - NEW ELECTRICAL WALL OUTLET TO BE INSTALLED AS INDICATED. SEE INTERIOR ELEVATIONS AND ELECTRICAL SHEETS 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 AND RESTROOMS.
 - DATUM FOR CAFE.
 - SWITCHING LOCATION. SEE ELECTRICAL SHEETS.
 - EXTERIOR COVERED GFCI ELECTRICAL OUTLET BY LL.
 - QUAD RECEPTACLE BEHIND CONDIMENT CART FOR FUTURE FLEXIBILITY

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 1104 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 FLOOR DUPLEX
- NEW WALL DUPLEX RECEPTACLE
- NEW QUADPLEX RECEPTACLE
- NEW DATA RECEPTACLE



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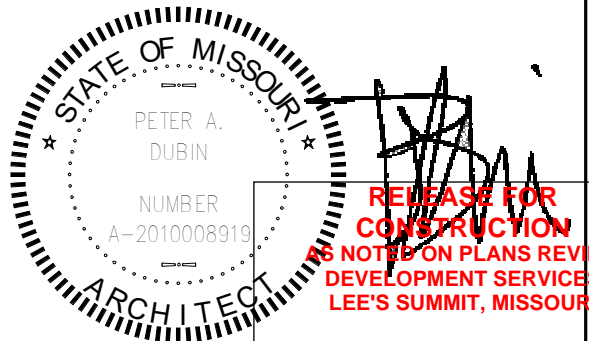
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Alkemeyer
& Associates

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Mechanical - Electrical - Plumbing



ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

RELEASED FOR CONSTRUCTION
NOT FOR FINAL REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Rev	Date	By	Description

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

SHEET NUMBER:
A102

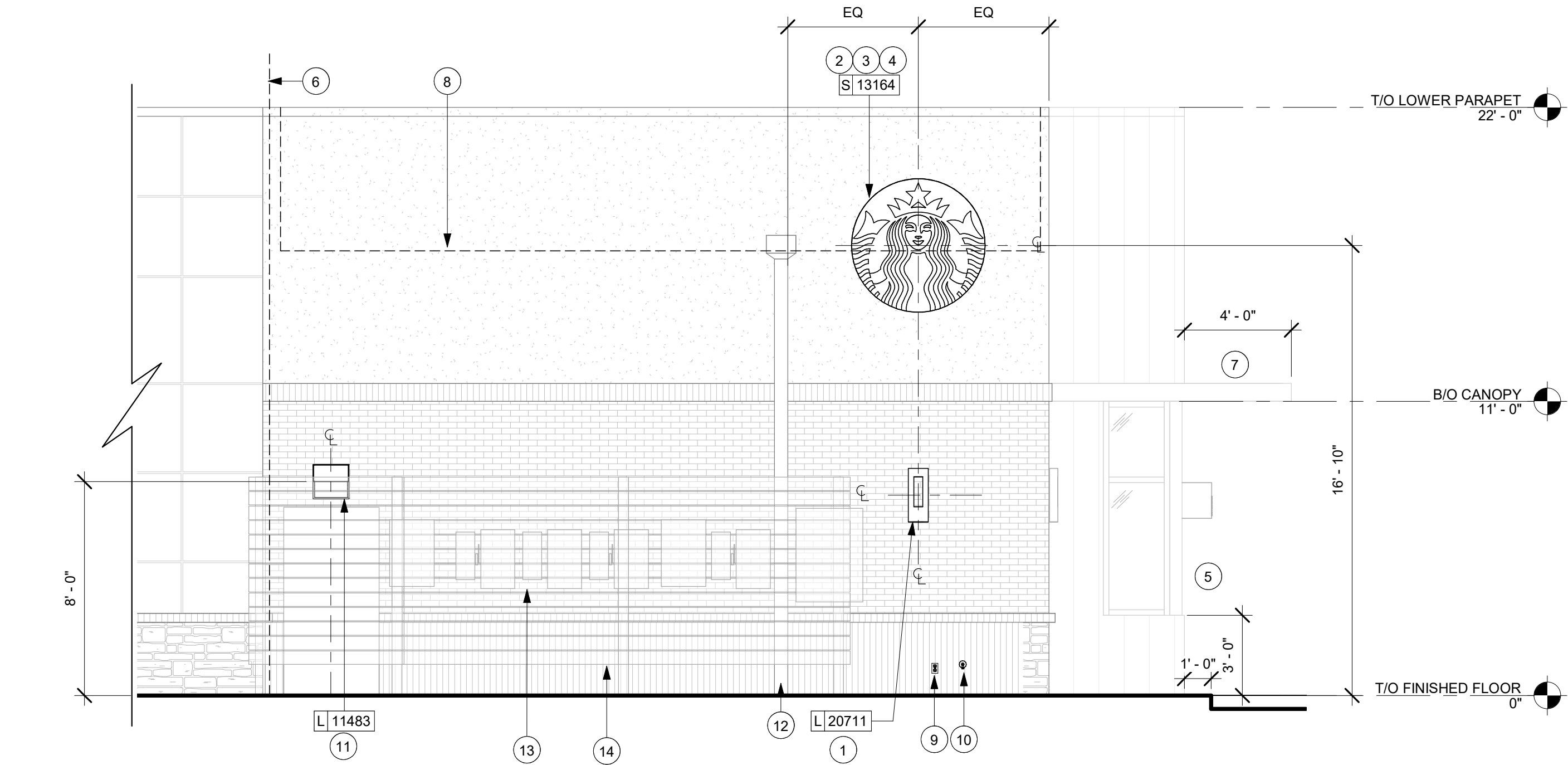


3 EXTERIOR WORDMARK DETAIL

Scale: N.T.S.

SHEET NUMBER: A201

7/7/2020 9:36:56 AM \\CHINAS01\Chicago\Norr\Projects\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deliv\BIM\01-WIP_Models\MO_NW_Pryor Rd & Chipman-Revision 1.rvt



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

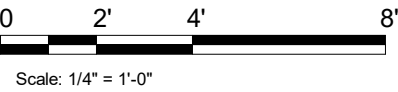
NOTE: ALL SIGNAGE UNDER
SEPARATE PERMIT, SHOWN FOR
COORDINATION PURPOSES ONLY.

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.

KEYED NOTES

- 1. NEW SCONCES BY LL PER SBUX SPECIFICATIONS.
- 2. LL TO PROVIDE J-BOX W/ PULL STRING FOR FUTURE BUILDING SIGNAGE.
- 3. LL TO PROVIDE SIGNAGE DISCONNECT.
- 4. 3/4" MARINE GRADE PLYWOOD BLOCKING FOR EXTERIOR SIGNAGE. EXTEND OF BLOCKING 8" (205MM) MIN. BEYOND EDGE OF SIGNAGE.
- 5. DRIVE-THRU WINDOW, AIR CURTAIN, AND HAND OFF SHELF TO BE PROVIDED AND INSTALLED BY LL PER SBUX SPECIFICATIONS. LL TO VERIFY OPENING DIRECTION.
- 6. INDICATES EXTENT OF STARBUCKS LEASE.
- 7. NEW BUILDING CANOPY BY LL. LL TO PROVIDE IN WALL BLOCKING, AS NECESSARY, AND RECESSED CAN LIGHTS PER LLWL. BUILDING CANOPY TO EXTEND A MINIMUM OF 4'-0" FROM EXTERIOR WALL PER LLWL.
- 8. OUTLINE OF ROOF BEYOND.
- 9. LL TO PROVIDE GFI EXTERIOR OUTLET PER LLWL REQUIREMENTS.
- 10. LL TO PROVIDE KEYED, FROST-FREE RECESSED HOSE BIB PER LLWL REQUIREMENTS.
- 11. SECURITY LIGHT BY LL.
- 12. ROOF SCUPPER AND OVERFLOW BY LL.
- 13. ELECTRICAL METERS BY LL PER LL DRAWINGS.
- 14. UTILITY SCREEN BY LL PER LLWL REQUIREMENTS.



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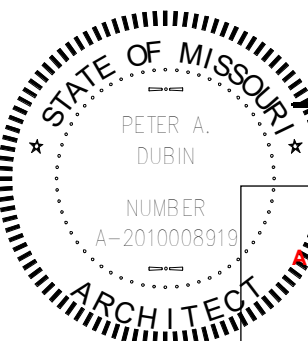
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Engineering Consultants
Mechanical - Electrical - Plumbing



07/13/2020
ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

RELEASE FOR CONSTRUCTION
NOT FOR FINAL REVIEW
LEE'S SUMMIT, MISSOURI

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

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						
13164	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	LL/ 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/LL	LL TO FURNISH AND INSTALL CONCRETE FOOTINGS, ANCHOR BOLTS, AND ELECTRICAL CONDUIT PER LLWL GC TO COORDINATE WITH SBUX VENDOR	
14106	1	SIGN - DT CLEARANCE BAR ARROW SERIES FREESTANDING	SB	GC/LL	LL TO FURNISH AND INSTALL CONCRETE FOOTINGS AND ANCHOR BOLTS PER LLWL GC TO COORDINATE WITH SBUX VENDOR	
SIGNAGE - OTHER						
19388	2	SIGN - 10 MINUTE PARKING	SB	LL/ HILTON	FOOTING & POST BY LL. SIGN BY SBUX SIGNAGE VENDOR	
X0002	1	MONUMENT SIGN PANELS	SB/ HILTON	HILTON/ LL	BASE SIGN FOOTING AND ELECTRICAL BY LL. PANELS BY SIGNAGE VENDOR. LL TO COORDINATE WITH SIGNAGE VENDOR	
SIGNAGE - WORDMARK						
X0007	1	SIGN - FAUX NEON GREEN WORDMARK STARBUCKS WITH WHITE INTERIOR & SURROUND. FLUSH MOUNTED - 18IN 455MM	SB	LL/ HILTON	FAUX NEON GREEN WORDMARK. 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 - 108X65IN 2745X1650MM - FLAT BLACK MT0028	SB	SB	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE CONDUIT, FOOTING, AND ANCHOR BOLTS PER LLWL.	
14120	1	MENU BOARD - DT PRE MENU FREESTANDING - 36X65IN 915X1650MM - FLAT BLACK MT0028	SB	SB	PROVIDED AND INSTALLED BY SIGNAGE VENDOR. LANDLORD GC TO PROVIDE FOOTING & ELECTRICAL AS SPECIFIED PER LLWL.	
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 PER LLWL.	
OTHER						
14103	11	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	LL	LL	SUPPLIER/INSTALLER: LL. DSA PHOTOTECH. SEE DETAILS.	
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	SB	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE AND INSTALL CONDUIT, FOOTING, AND ANCHOR BOLTS PER LLWL.	
18818	4	LIGHT POLE - 10FT 300CM - FLAT BLACK MT0028	LL	LL		
18820	4	LIGHT POLE BASE PLATE - FLAT BLACK MT0028	LL	LL		
X0001	2	VEHICLE DETECTOR LOOP	SB	GC/LL	SUPPLIER: DT AUDIO VENDOR (HME). INSTALLER: GC. LL TO PROVIDE CONDUIT PER LLWL.	
X0004	5	PLANTER BOXES - 84X36X18IN	LL	LL	LL TO PROVIDE DRAINAGE AND AUTOMATED IRRIGATION PER LLWL REQUIREMENTS. LL TO PROVIDE SPEC TO DESIGNER FOR APPROVAL.	
X0008	1	BIKE RACK - OLYMPIA	LL	LL	FORMS & SURFACES: OLYMPIA BIKE RACK. WWW.FORMS-SURFACES.COM; INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	
X0009	20	NATIVE PLANTS FOR PLANTER BOXES	LL	LL	LANDSCAPING SELECTION AND QTY VERIFICATION BY LANDLORD. PROVIDE DRAUGHT-RESISTANT, NATIVE PLANTS WITH MINIMUM MAINTENANCE REQUIREMENTS.	
UMBRELLA						
12147	3	UMBRELLA - BASE 95LB 43KG - FLAT BLACK MT0028	SB	GC		
20075	3	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - BLACK CANVAS WITH WORDMARK F0061	SB	GC		

RESPONSIBILITY LEGEND

GC GENERAL CONTRACTOR
LL LANDLORD
SB STARBUCKS



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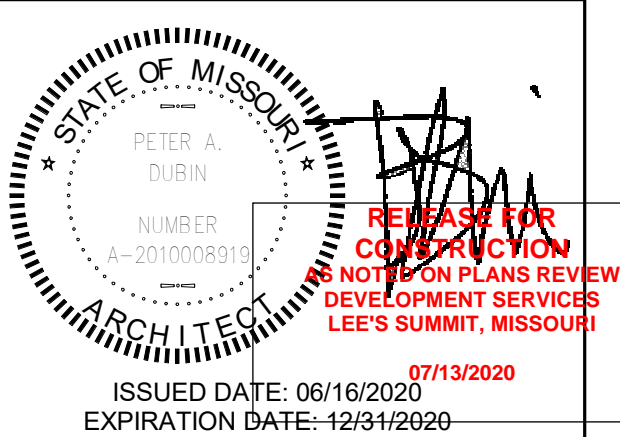
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Engineering Consultants
Mechanical - Electrical - Plumbing



PROJECT NAME: BUILDOUT OF STARBUCKS COFFEE - NW PRYOR RD & CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:
STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSK
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:

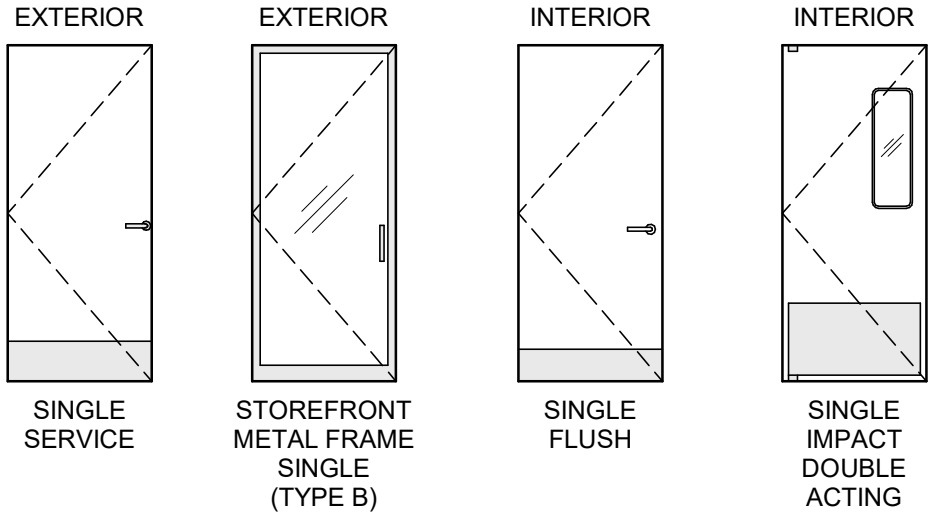
A601

\\CHINAS01\Chicago\Norr\Projects2\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman500-Deiv\BIM\01-WIP_Models\MO_NW Pryor Rd & Chipman-Revision 1.rvt

7/7/2020 9:37:00 AM

DOOR SCHEDULE - "D"									
DESIGN ID	MARK	DESCRIPTION	WIDTH	HEIGHT	HARDWARE SET	FURN BY	INST BY	COMMENTS	
Exterior									
21147	88	DOOR - SINGLE SERVICE - 42IN 1070MM	3' - 6"	7' - 0"	42	LL	LL	LL TO INSTALL AND PROVIDE TENANT SPECIFIED DOOR HARDWARE ON EXTERIOR DOORS AS INDICATED. FINISH: SW7748	
10205	89	DOOR - STOREFRONT METAL FRAME SINGLE - TYPE B	3' - 0"	8' - 0"	2-A	LL	LL	LL TO INSTALL AND PROVIDE TENANT SPECIFIED DOOR HARDWARE ON EXTERIOR DOORS AS INDICATED	
2									
Interior									
10190	83	DOOR - SINGLE FLUSH - 36IN	3' - 0"	7' - 0"	6	SB	GC	FINISH: PL0027 FRAME FINISH: SW7748	
10190	84	DOOR - SINGLE FLUSH - 36IN	3' - 0"	7' - 0"	6	SB	GC	FINISH: PL0027 FRAME FINISH: SW7748	
X0031	85	DOOR - SINGLE FLUSH - 42IN	3' - 6"	7' - 0"	15	SB	GC	FINISH: PL0027 FRAME FINISH: SW7748	
10086	82	DOOR - SINGLE IMPACT DOUBLE ACTING - 36IN 915MM	3' - 0"	7' - 0"	11	SB	GC	PROVIDED BY LOCKNET. ELIASON SCP-8 DOOR. FINISH: PL0027 FRAME FINISH: SW7030	
4									

DOOR LEGEND



WINDOW SCHEDULE - "W"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
WINDOW					
14077	1	WINDOW - DT WITH OPEN TRANSOM - 48X60IN 1205X1510MM - ALUMINUM	LL	LL	275 SERIES SINGLE PANEL SLIDER W/ MOER. LL TO VERIFY OPENING DIRECTION. USE IN CONJUNCTION WITH AA300-275 PASS THRU AIR CURTAIN SYSTEM. CONTACT: ANNA ELLIS, ANNA@READY-ACCESS.COM

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

DOOR HARDWARE SET NO. 11 - For workroom door at backbar				
No.	Item	Description	Manufacturer	Finish
1	Traffic Door Package	SCP8 36" x 84"	Eliaison	PL0027


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	Sur-Lock	---
1	Closing Devices	8916 Door Closer 8916 AF89P	Dorma	689
1	Protective Trim Units	K1050 B4E Kickplate 10" x 40"	Rockwood	630
1	Accessories	137NA Weather Strip 20' 42" x 84"	National Guard	A
1	Accessories	Door Sweep 18062CNB36	Pemko	A
1	Miscellaneous Items	DS / 1000 Door Scope	Security Products	Silver
1	Miscellaneous Items	MCV309NWHGL Door Bell	Nutone	As Selected

DOOR HARDWARE SET NO. 15 - For workroom door, interior to Starbucks restroom/exit corridor				
No.	Item	Description	Manufacturer	Finish
3	Hanging Devices	TA2714/MPB79	McKinney	626
1	Securing Devices	B-PB5405LNIC Lever Storeroom LC B-PB5405LN-693-497 1-3/4	Yale Lock	626
1	Securing Deices	C607 7-Pin Core Combined "A" Keyway	Falcon Lock	626
1	Closing Devices	8916 Door Closer 8916 AF89P AL	Dorma	689
1	Protective Trim Units	K1050 B4E Kickplate 10" x 2" LDW	Rockwood	630
1	Accessories	137NA Weather Strip 17' 36" x 84"	National Guard	A
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.

REVISION 1 SET - ISSUED 07.07.2020




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Engineering Consultants
Mechanical - Electrical - Plumbing


ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

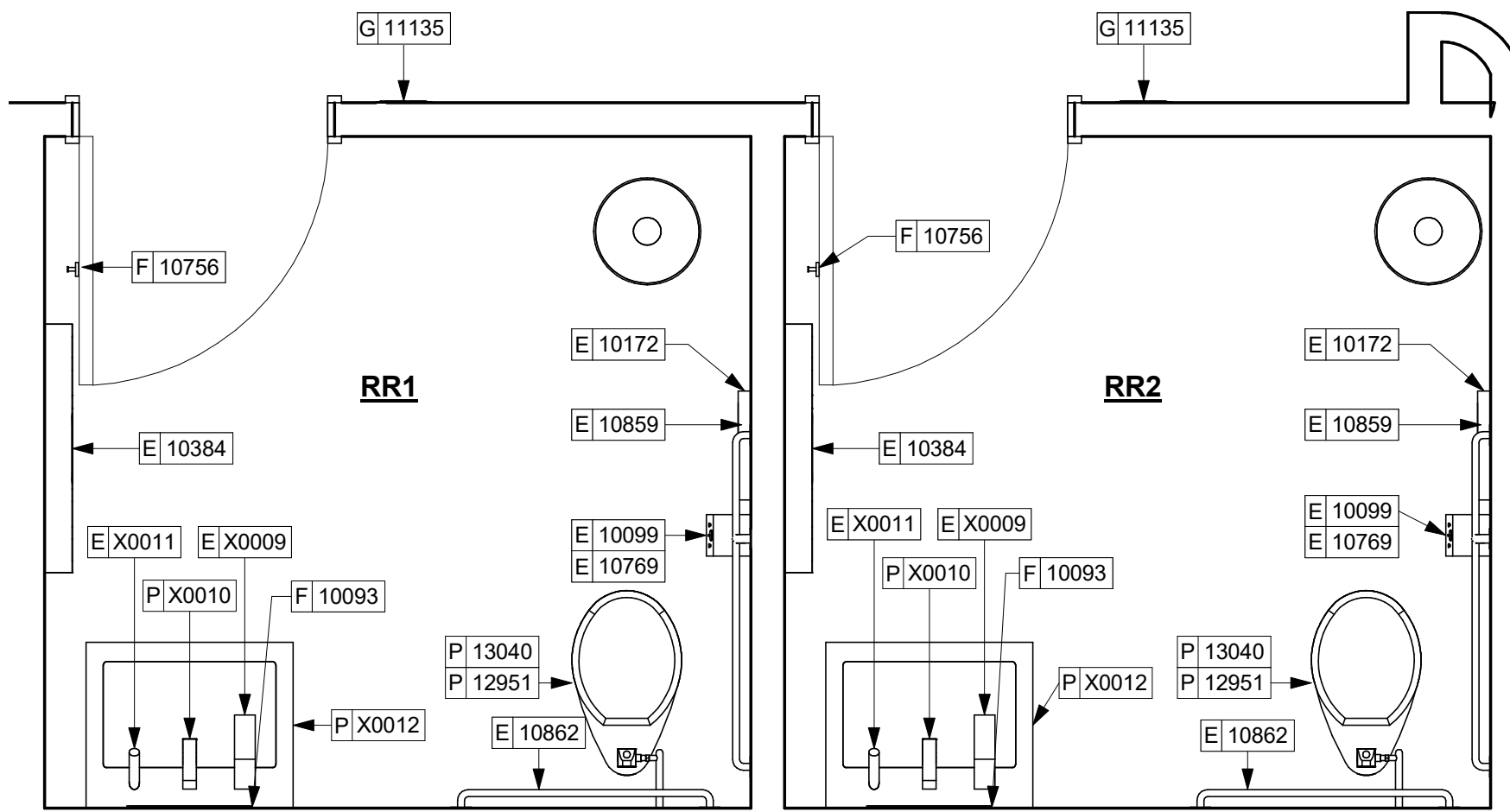
PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

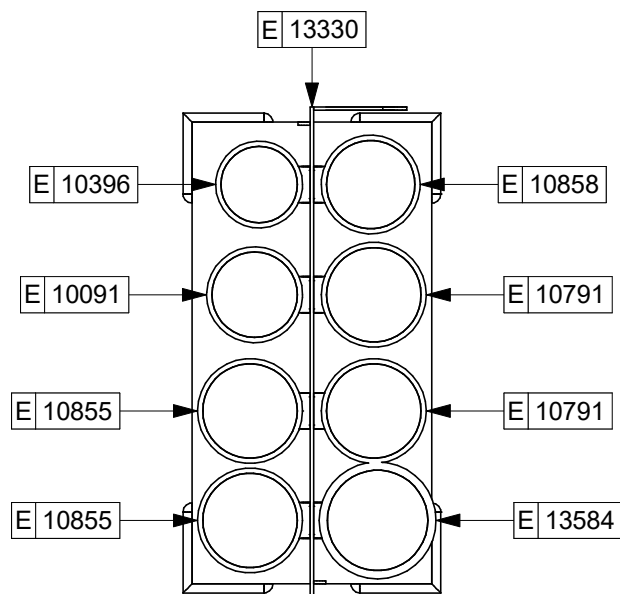
Revision Schedule			
Rev	Date	By	Description

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

SHEET NUMBER:
A602



1 ENLARGED RESTROOMS FF&E
Scale: 1/2" = 1'-0"



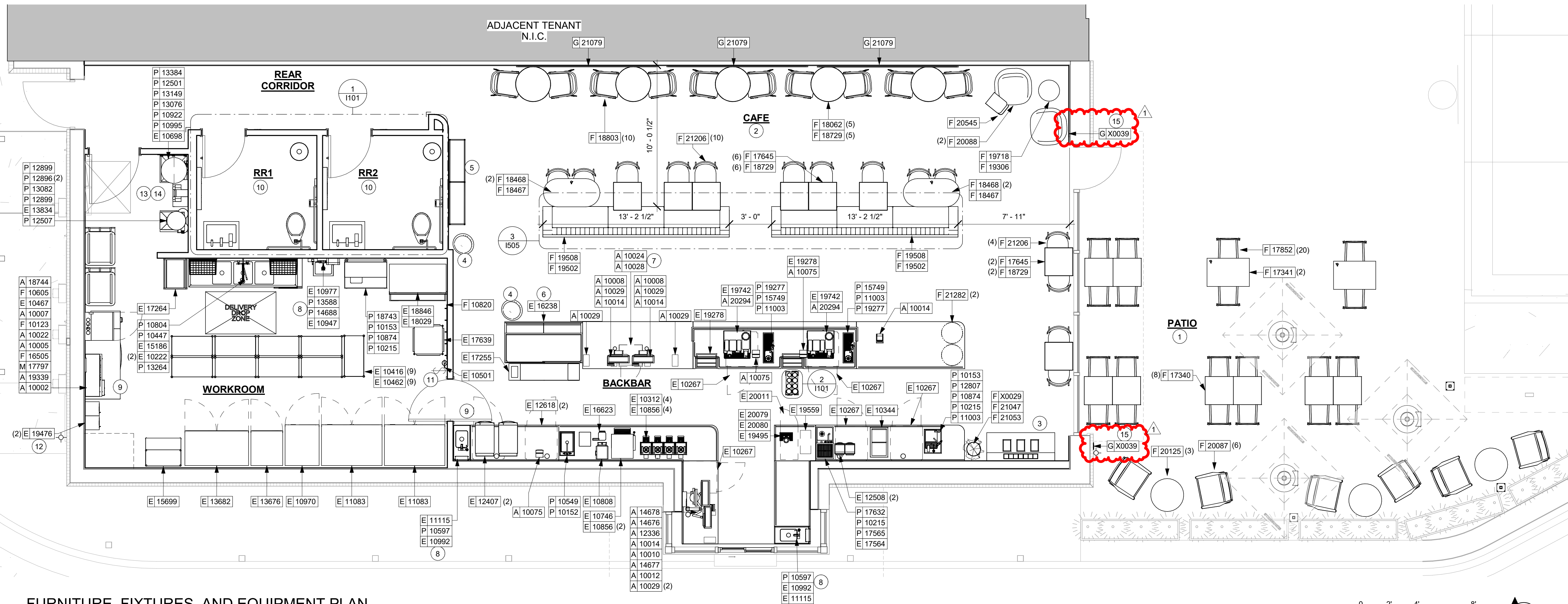
2 ENLARGED CUP CADDY
Scale: 1 1/2" = 1'-0"

KEYED NOTES

1. INSTALL EXTERIOR FURNITURE THROUGHOUT AS SHOWN.
2. INSTALL CAFE FURNITURE THROUGHOUT AS SHOWN.
3. CONDIMENT CART. SEE INTERIOR FINISH ELEVATIONS.
4. PLACE MERCHANDISE FIXTURES AND RETAIL FLOOR BASKETS PER PLAN. STORE OPERATORS TO ORDER RETAIL FLOOR BASKETS.
5. MERCHANDISE DISPLAY. SEE DETAILS FOR MORE INFORMATION. CENTER MERCH. BAYS WITH CENTERLINE OF WALL BEHIND.
6. DO NOT BLOCK FOOD CASE INTAKE/EXHAUST.
7. SAFE LOCATED AT POS CABINET. SEE ELECTRICAL FOR ADDITIONAL INFORMATION.
8. HAND SINK W/ INTEGRAL SPLASH GUARD.
9. MANAGERS DESK. SEE MANAGER'S DESK/EQUIPMENT RACK ELECTRICAL DETAIL FOR ADDITIONAL INFORMATION.
10. REFER TO ENLARGED RESTROOM PLANS AND ELEVATIONS (SHEET 4401) FOR FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
11. LOCATION OF SWITCH GEAR AND THERMOSTAT CONTROLS.
12. SECURE LOCKERS TO WALL.
13. VENDOR TO INSTALL WATER FILTRATION SYSTEM PER MANUFACTURER'S REQUIREMENTS. GC TO PROVIDE PLUMBING AND ELECTRICAL REQUIREMENTS.
14. WATER HEATER LOCATED ABOVE. SEE PLUMBING DRAWINGS.
15. OCCUPANCY PLACARD AT STORE ENTRY PER JURISDICTIONAL COMMENTS.

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 CABINETS 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.



FURNITURE, FIXTURES, AND EQUIPMENT PLAN

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

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Mechanical - Electrical - Plumbing



ISSUED DATE: 06/16/2020
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STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule				
Rev	Date	By	Description	
1	7/7/2020	AH	PERMIT COMMENTS	

SHEET TITLE:
FF & E PLAN

SCALE: AS SHOWN

SHEET NUMBER:

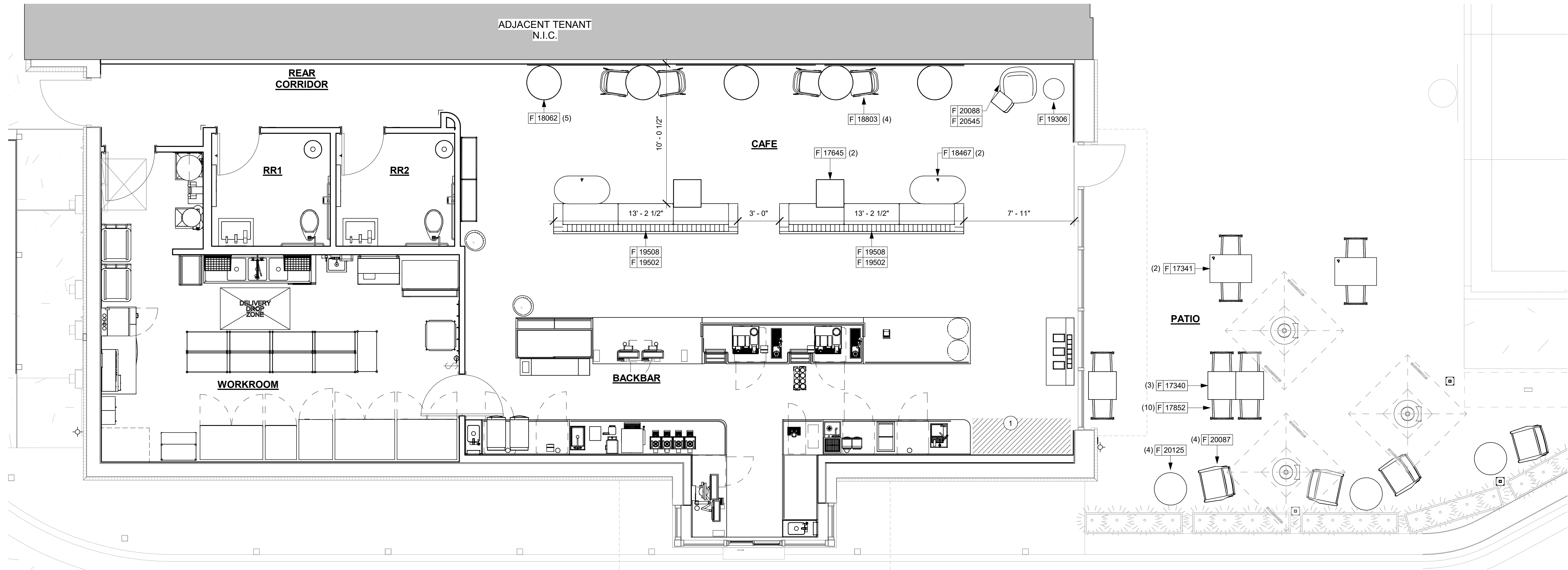
1101

7/7/2020 9:37:25 AM \\CHINAS01\Chicago\Norr\Projects\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deliv\BIM\01-WIP_Models\MO_NW_Pryor Rd & Chipman-Revision 1.rvt

SHOWN FOR REFERENCE ONLY

KEYED NOTES

1. FUNITURE STORAGE AREA



LIMITED OPERATIONS FF AND E PLAN

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



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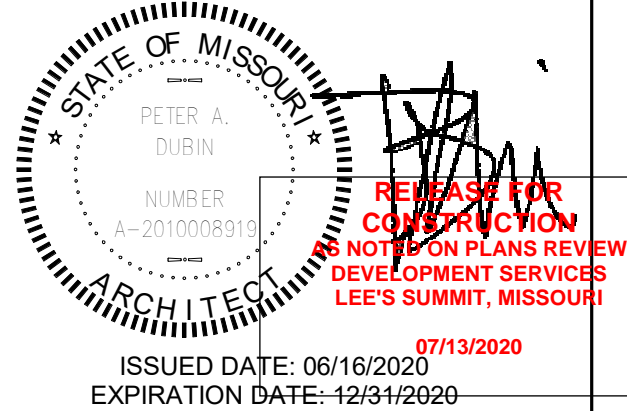
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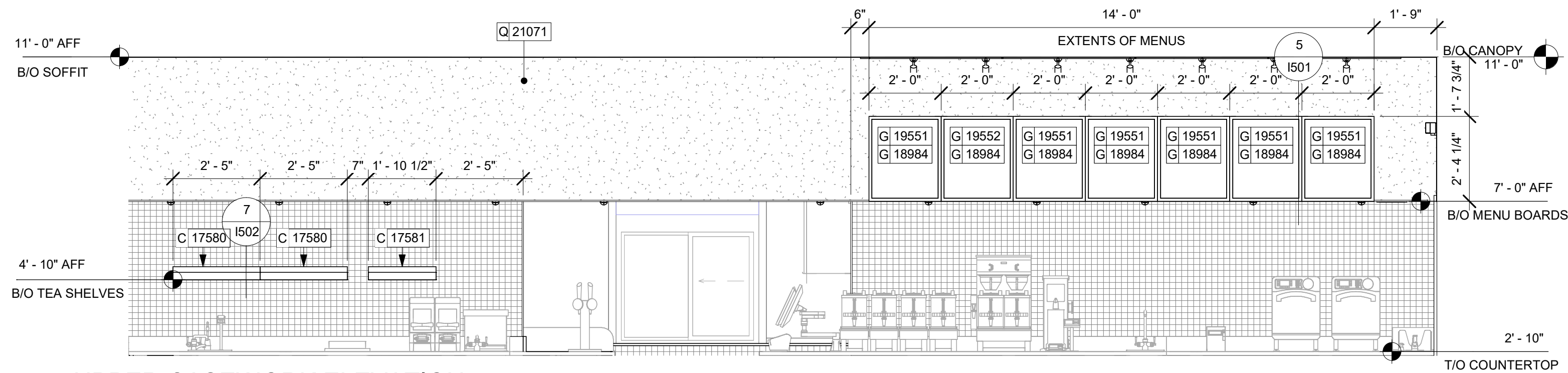
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**LIMITED OPERATIONS
FURNITURE LAYOUT**
SCALE: AS SHOWN

SHEET NUMBER:
1101.1

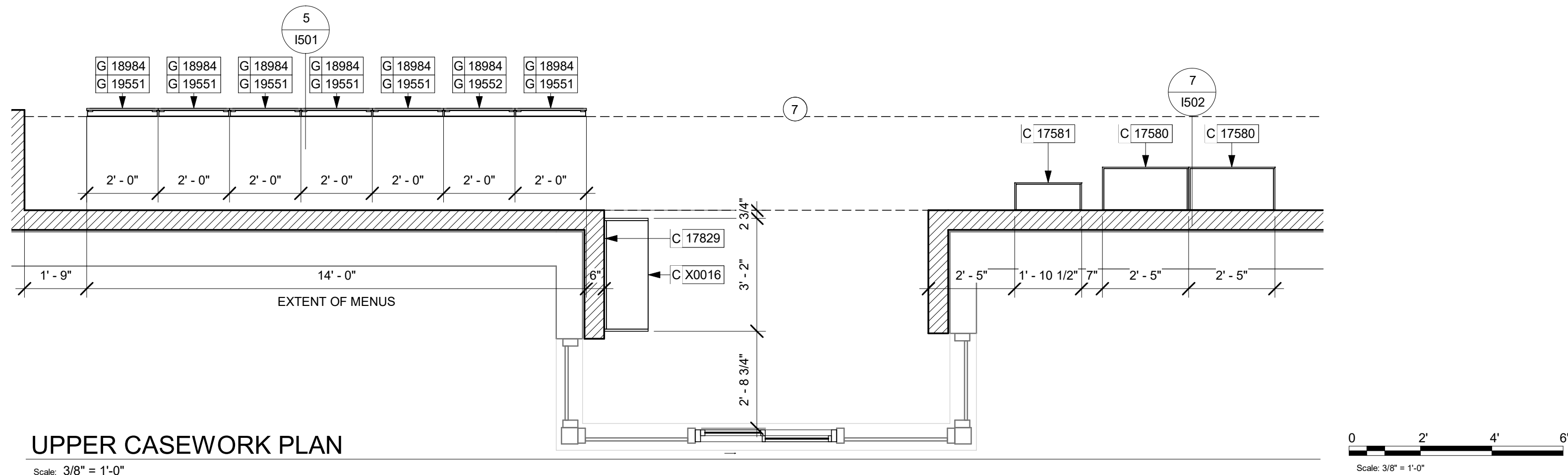
REVISION 1 SET - ISSUED 07.07.2020

7/7/2020 9:37:27 AM \\CHINAS01\Chicago\Norri\Projects2\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deiv\BIM01-WIP_Models\MO_NW_Pryor Rd & Chipman-Revision 1.rvt



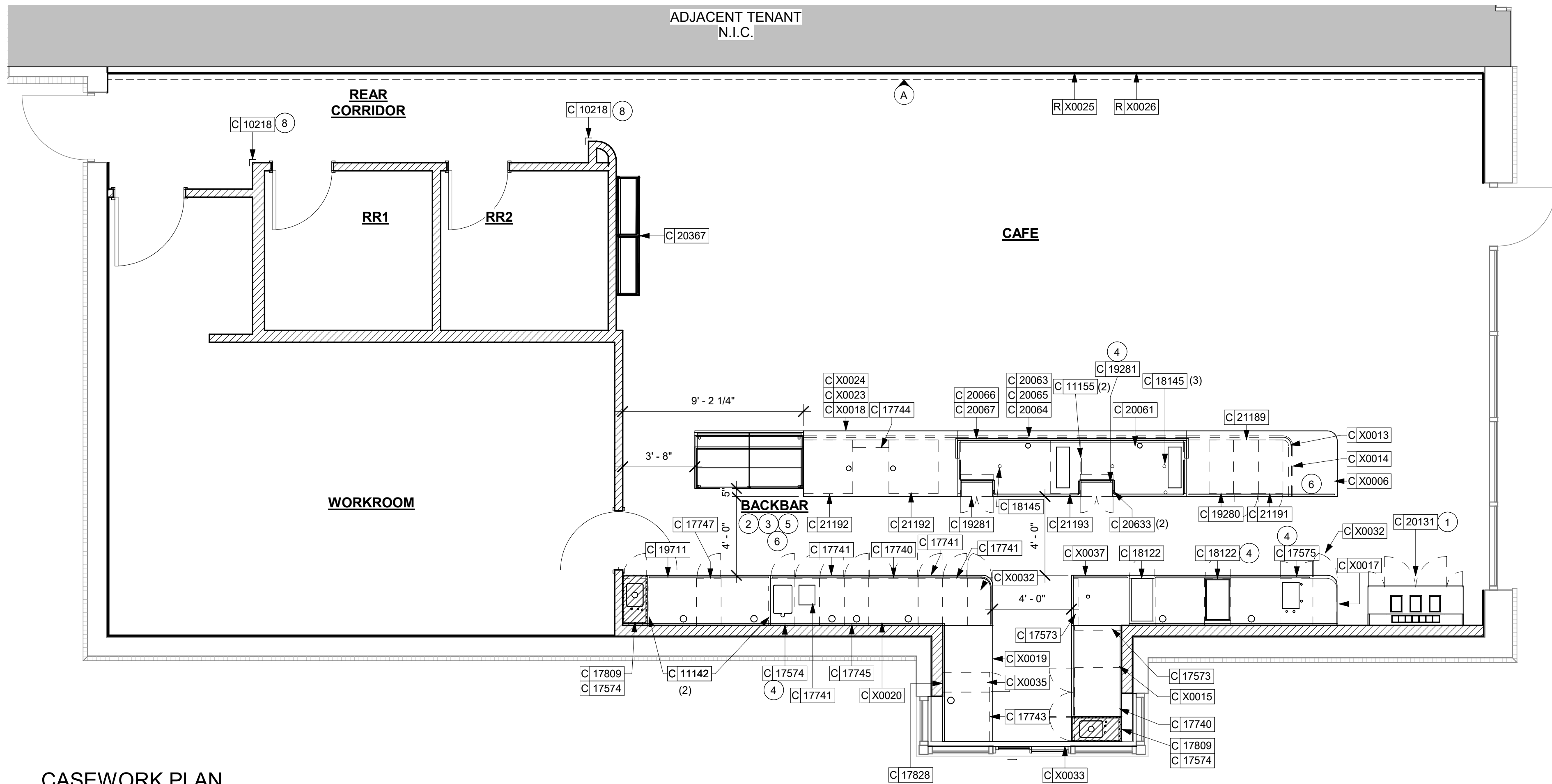
UPPER CASEWORK ELEVATION

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



UPPER CASEWORK PLAN

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



CASEWORK PLAN

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

KEYED NOTES

****MATERIAL AREAS AND TAKE-OFFS ARE ACTUAL AREA, NOT ORDERING QUANTITY. SUPPLIER MUST ACCOUNT FOR OVERAGE, PATTERN REPEAT, ACCESSORY PIECES, ETC.**

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

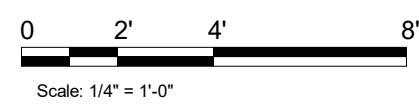
- DO NOT CAULK TRASH RINGS TO COUNTERTOPS.
- INSTALL CASEWORK, COUNTERTOPS, SHELVES, CUBBIES, FINISHES, TRIM AND TABLE TOPS THROUGHOUT. REFERENCE FINISH SCHEDULE AND MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ALL COUNTERTOPS UTILIZED FOR CUSTOMER TRANSACTIONS, INCLUDING BAR, CONDIMENT AND SALES COUNTERTOPS SHALL BE INSTALLED AT 2'-10" (860 MM) MAXIMUM A.F.F.
- FLOOR SINK BELOW. CASEWORK MANUFACTURER TO INSURE THIS AREA IS READILY ACCESSIBLE FOR CLEANING AND FREE OF COUNTERTOP SUPPORT.
- WALL FINISH BEHIND EXPOSED CABINETRY AND BELOW UNDERSIDE OF COUNTERTOP SUBSTRATE TO BE FRP.
- CASEWORK VENDOR TO ENGINEER PROPER COUNTERTOP SUPPORT AT ESPRESSO BAR AND OTHER WORKSTATIONS PER STARBUCKS MINIMUM PERFORMANCE REQUIREMENTS.
- INDICATES SOFFIT EDGE.
- INSTALL CORNER GUARD AS INDICATED. SEE INTERIOR FINISH ELEVATIONS.

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
- DATUM POINT
- CASEWORK TAG
- EXTENT OF WOOD CLADDING



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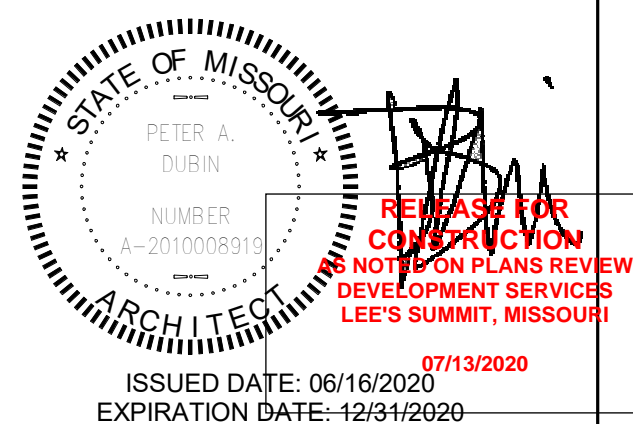
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Revision Schedule			
Rev	Date	By	Description













SHEET TITLE:
CASEWORK PLAN

SCALE: AS SHOWN

SHEET NUMBER:
1102

REVISION 1 SET - ISSUED 07.07.2020

LEGEND

- | | |
|---|-------------------------------|
|  | ELEVATION DATUM |
|  | TRACK LIGHTING |
|  | RECESSED CAN LIGHT |
|  | ADJUSTABLE RECESSED CAN LIGHT |
|  | TROFFER |
|  | WALL SCONCE |
|  | EXIT SECURITY LIGHT |
|  | MUSIC SYSTEM SPEAKER |
|  | WIFI ACCESS POINT (WAP) |
|  | SECURITY CAMERA |
|  | SUPPLY AIR |
|  | RETURN AIR |

1. GWB SOFFIT WITH SMOOTH FINISH (PAINT AS SCHEDULED).
2. GWB CEILING. PAINT CEILING DIFFUSERS AS INDICATED.
3. WASHABLE CEILING TILE LOCATED IN BACK OF HOUSE AND ABOVE CAFE BAR (IF APPLICABLE).
4. PLATFORM FOR HEATER AND WATER FILTRATION. PROVIDE SOFFIT AND LIFT CEILING THIS AREA ONLY TO INSURE ADEQUATE CLEARANCE FOR SERVING.
5. EXTERIOR RECESSED LIGHTING BY LL.
6. HEATING, VENTILATING AND AIR CONDITIONING FOR REFERENCE ONLY. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. EXPOSED PARTS TO BE PAINTED TO MATCH ADJACENT COLOR.
7. SURFACE MOUNTED TRACK LIGHTING.
8. RECESSED ACCESS HATCH. PAINT TO MATCH ADJACENT FINISH. FINAL LOCATION TO BE CONFIRMED AND APPROVED IN FIELD BY STARBUCKS CONSTRUCTION MANAGER.
9. RESTROOM SCONCE. SEE INTERIOR ELEVATIONS FOR MOUNTING HEIGHT.
10. RECESSED SPEAKER.
11. ILLUMINATED MOP SIGN. REFER TO ELECTRICAL SHEETS GC TO PROVIDE ADEQUATE BLOCKING WITHIN SOFFIT FOR PROPER SUPPORT
12. CAFE CEILING TILE START POINT.
13. WORKROOM CEILING TILE START POINT.
14. INSTALL STRING LIGHTS AS INDICATED. POWER BY LL.
15. GC TO CONFIRM EMERGENCY LIGHTING LOCATIONS/QUANTITY WITH FIRE MARSHAL.
16. INDICATES EDGE OF CEILING TILE. SEE DETAIL.

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



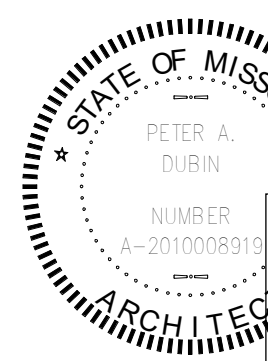
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STARBUCKS TEMPLATE VERSION i2020-01-31



353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514

Engineering Consultants
Mechanical - Electrical - Plumbing



ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

REVISION 1 SET - ISSUED 07.07.2020

PROJECT NAME:

**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:

STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SL
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**REFLECTED CEILING
PLAN**

SHEET NUMBER:

1103



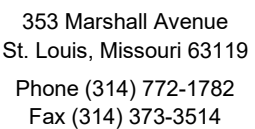
- CAN - LED ADJUSTABLE GIMBAL WITH DRIVER - 2IN 50MM - WHITE - 1000LM NFL DID: 19113 & 19023
- CAN - LED DOWNLIGHT REFLECTOR WITH DRIVER - 2IN 50MM - WHITE - 1000LM FLOOD DID: 19120 & 19023
- △ TRACK - LED FIXTURE - 2IN 50MM - WHITE - 900LM FLOOD DID: 19074
HEX LOUVER DID: 19087
AIM AT SEATING
- △ TRACK - LED FIXTURE - 2IN 50MM - WHITE - 900LM SPOT DID: 19077
HEX LOUVER DID: 19087
AIM AT MERCHANDISE/CONDIMENT CART
- △ TRACK - LED FIXTURE - 2IN 50MM - WHITE - 600LM FLOOD DID: 19072
HEX LOUVER DID: 19087
AIM AT MENU BOARDS & ARTWORK
- | STRIP - LED TAPE - VARIABLE LENGTH; DID: 14410



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ISSUED DATE: 06/16/2020
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2050 NW LOWENSTEIN DR.
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JACKSON COUNTY

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
DIMENSIONED RCP W/
UNDERLAY
SCALE: AS SHOWN

SHEET NUMBER: 1103.1

7/7/2020 9:37:34 AM \\CHINAS01\Chicago\Norri\Projects\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deiv\BIM\01-WIP_Models\MO_NW Pryor Rd & Chipman-Revision 1.rvt

FLOOR TREATMENT SCHEDULE - "T"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
19795	819 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	MANUFACTURER: ALLIED ECO-GRIP. PEWTER
TILE					
20266	1149 SF	TILE - FRENCH CLAY - BRONZAGE - 24X24IN 600X600MM	SB	GC	GROUT: MAPEI - 09 GRAY, OR EQUAL
WALK OFF MAT					
19288	26 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	SB	GC	ANODIZED METAL FRAME TO BE INCLUDED IN ORDER, FROM MANUFACTURER

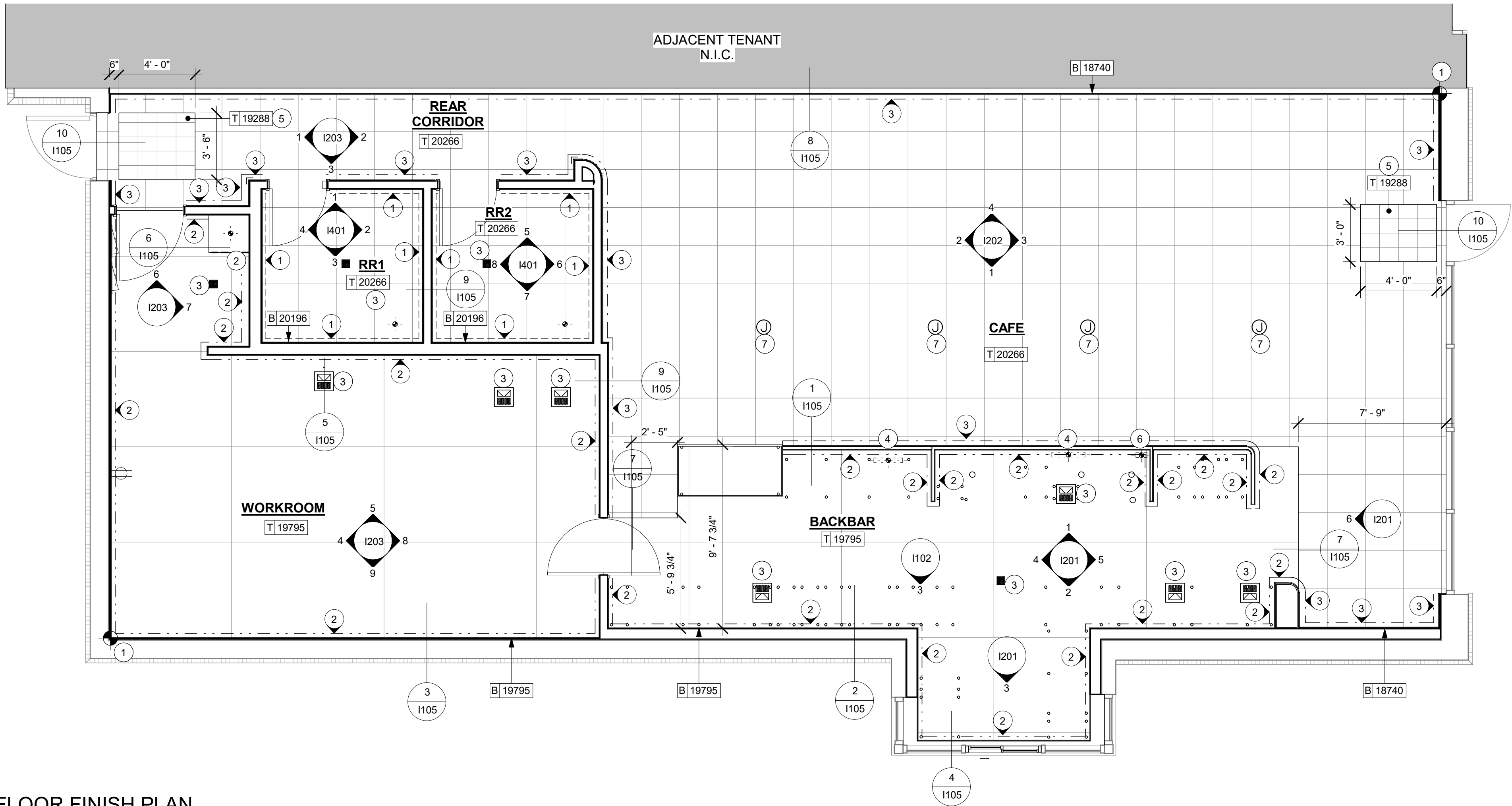
WALL BASE SCHEDULE - "B"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
18740	150' - 0 1/2"	TILE BASE - PLAZA NOVA - BLACK SHADOW - 6X12IN 150X300MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL
19795	188' - 2 1/4"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	MANUFACTURER: ALLIED ECO-GRIP. PEWTER
20196	59' - 10"	TILE BASE - FORMULA - EQUATION GREY - 6X12IN 150X300MM	SB	GC	GROUT: MAPEI - 09 GRAY

KEYED NOTES

- TILE START POINT WHERE INDICATED.
- MOP SINK WHERE INDICATED. SEE PLUMBING PLANS FOR MORE INFORMATION.
- FLOOR SINK/FLOOR DRAIN LOCATION. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND PLUMBING FOR ADDITIONAL INFORMATION.
- ELECTRICAL STUB UP. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND ELECTRICAL FOR ADDITIONAL INFORMATION.
- RECESSED WALK-OFF MAT AT ENTRY. SEE INTERIOR DETAIL SHEETS FOR TRANSITION.
- PLUMBING STUB UP. SEE BUILDING FLOOR PENETRATION PLAN ON SHEET A102 AND PLUMBING SHEETS FOR ADDITIONAL INFORMATION.
- INDICATES FLOOR J-BOX FOR FURNITURE. VERIFY LOCATION WITH FF&E PLAN.

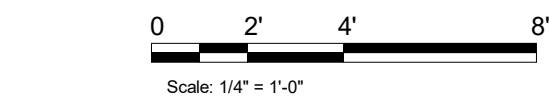
GENERAL NOTES

- WORKROOM TO BE FINISHED PER LOCAL CODE REQUIREMENTS.
- 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.
- 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.
- 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.



FLOOR FINISH PLAN


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



FLOOR FINISH LEGEND

- 1 TILE BASE - FORMULA - EQUATION GRAY - 6IN X 12IN DID: 20196
- 2 POLYVINYL BASE - ECOGRIP - PEWTER DID: 19795
- 3 TILE BASE - PLAZA NOVA - BLACK SHADOW - 6IN X 12IN DID: 18740

REVISION 1 SET - ISSUED 07.07.2020




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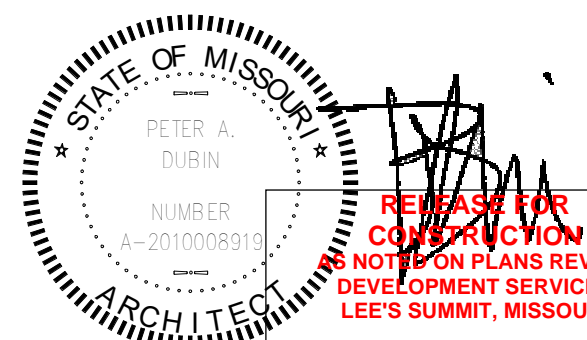
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St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514

Alkemeyer & Associates

Engineering Consultants
Mechanical - Electrical - Plumbing



ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

PROJECT NAME:
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STORE #: 62012
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ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

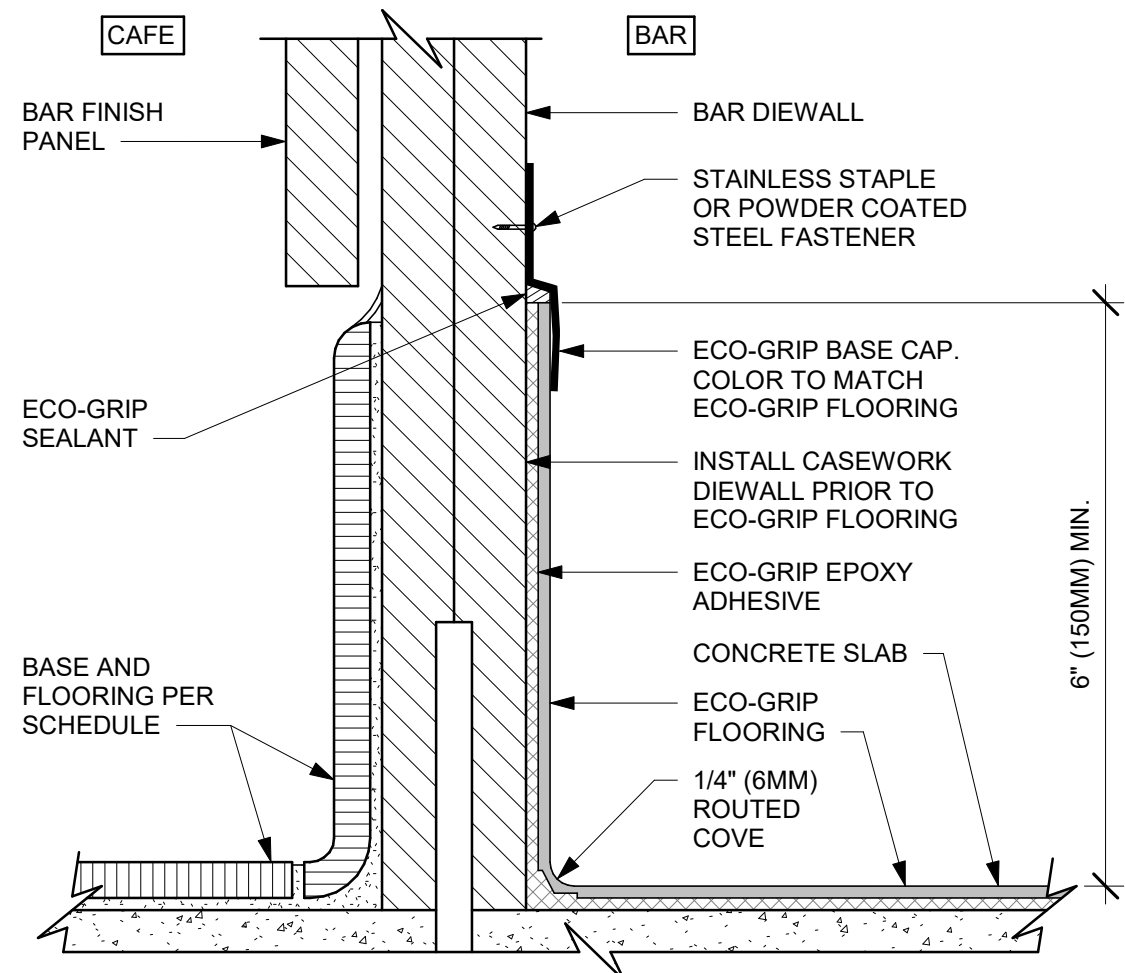
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FLOOR FINISH PLAN

SCALE: AS SHOWN

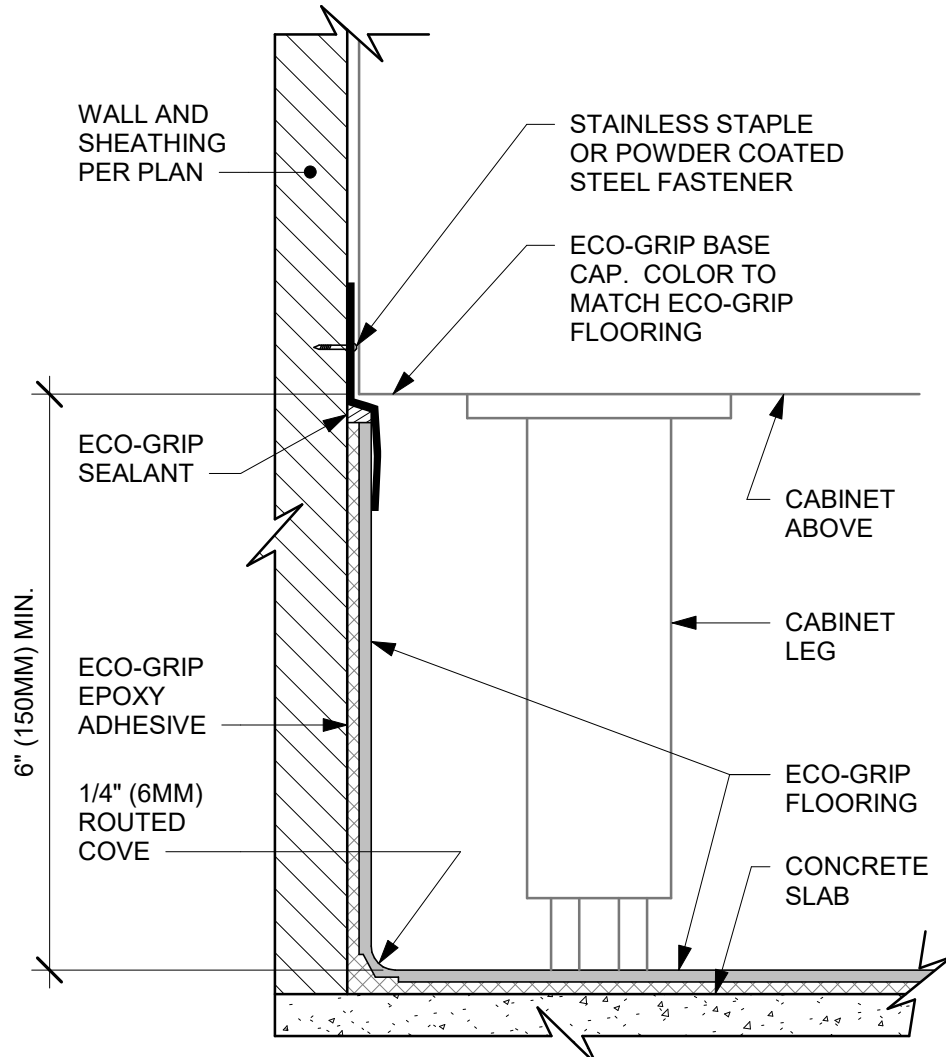
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1104

\\CHINAS01\Chicago\Norri\Projects\2\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deiv\BIM\01-wip_Models\MO_NW Pryor Rd & Chipman-Revision 1.rvt

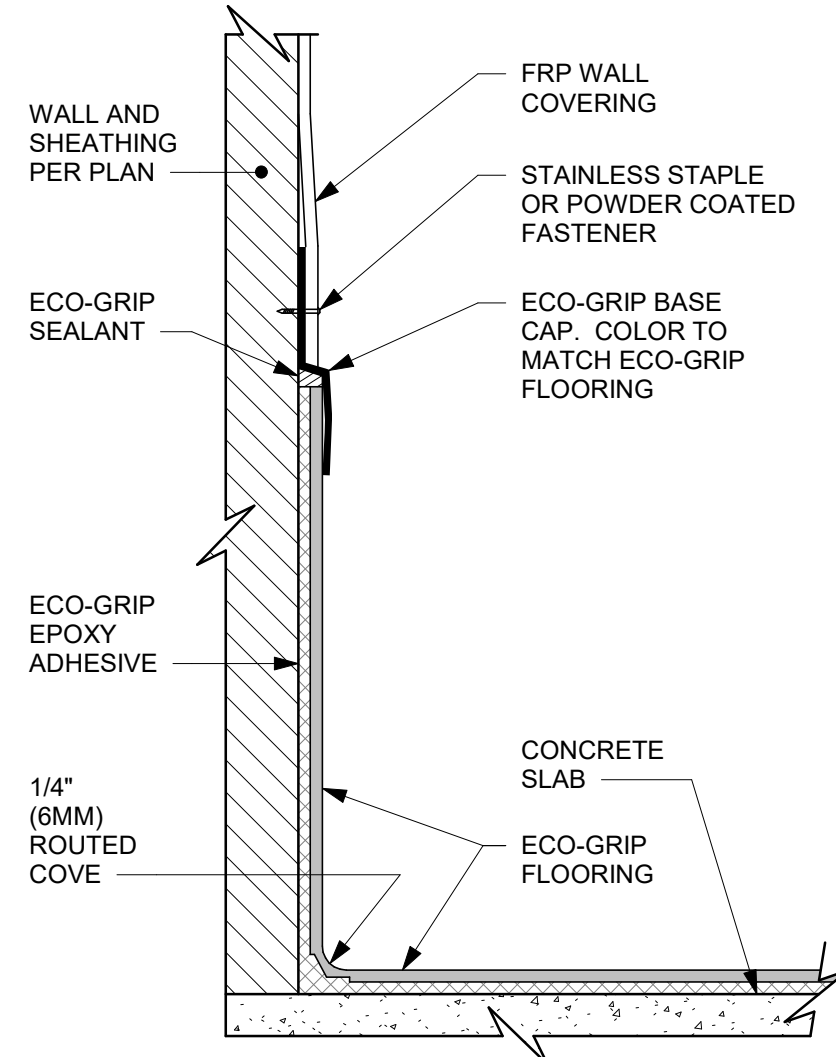
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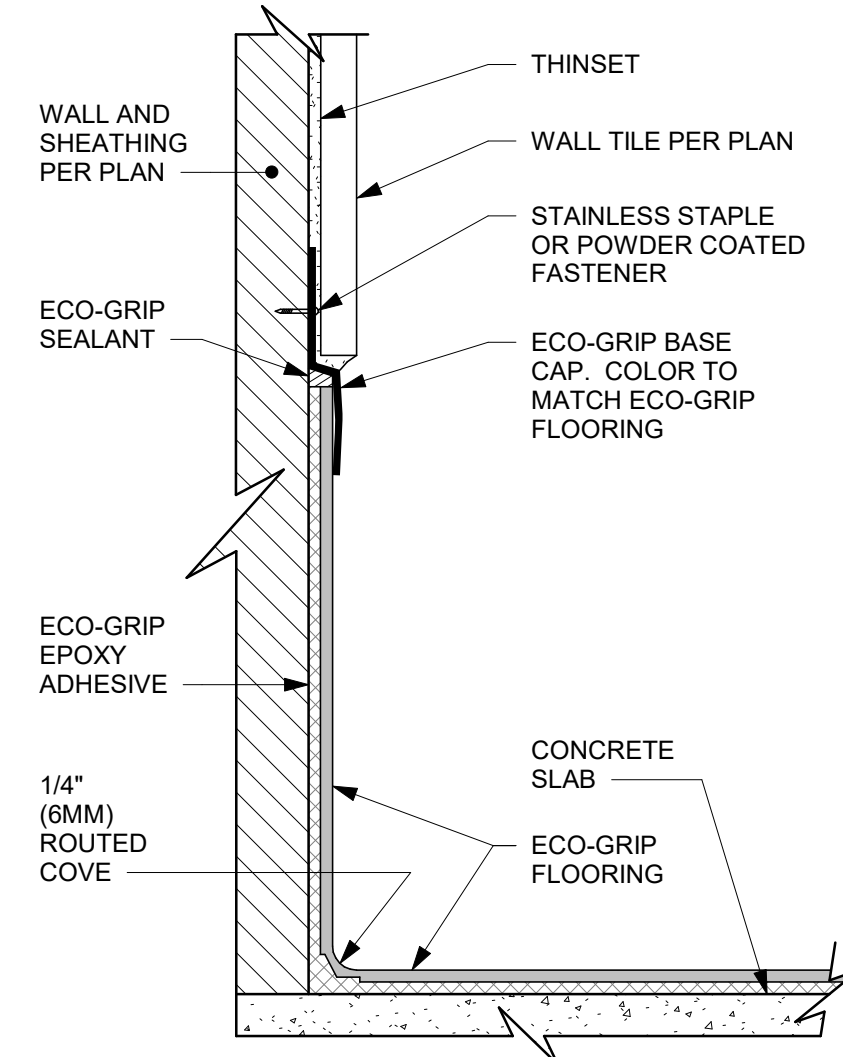
1 ECO-GRIP BASE AT BAR DIEWALL
Scale: 6" = 1'-0"



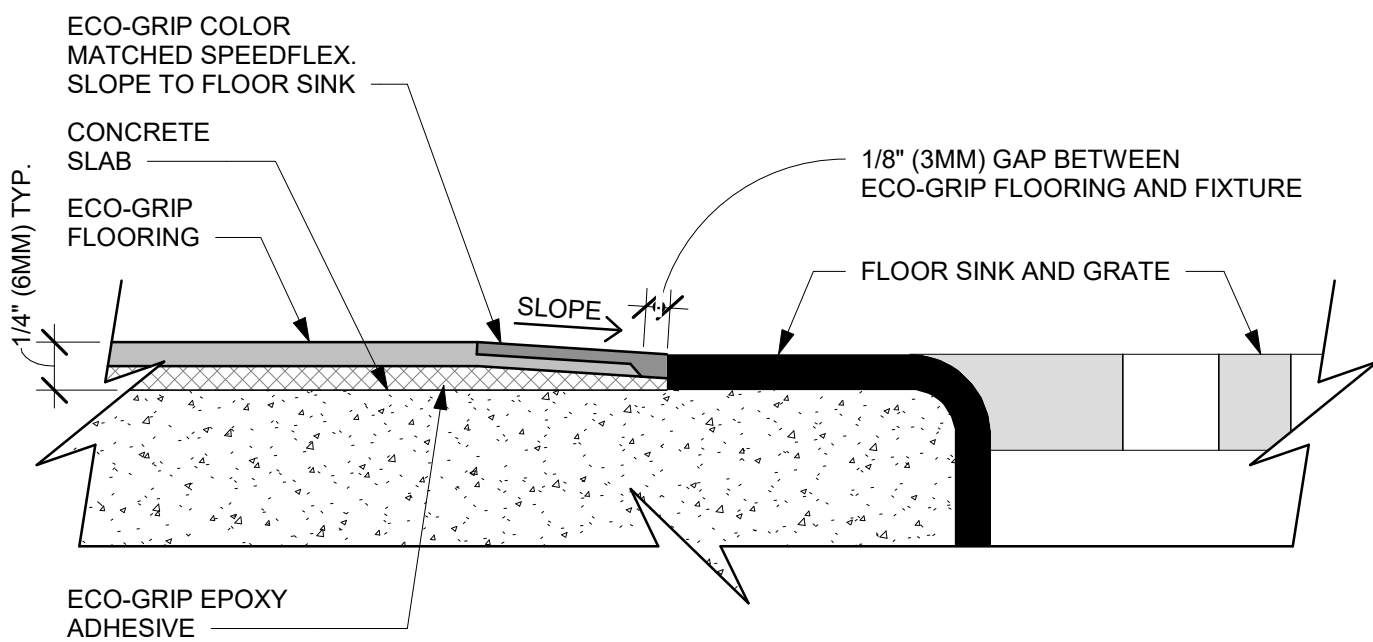
2 ECO-GRIP BASE AT CABINET WITH LEGS
Scale: 6" = 1'-0"



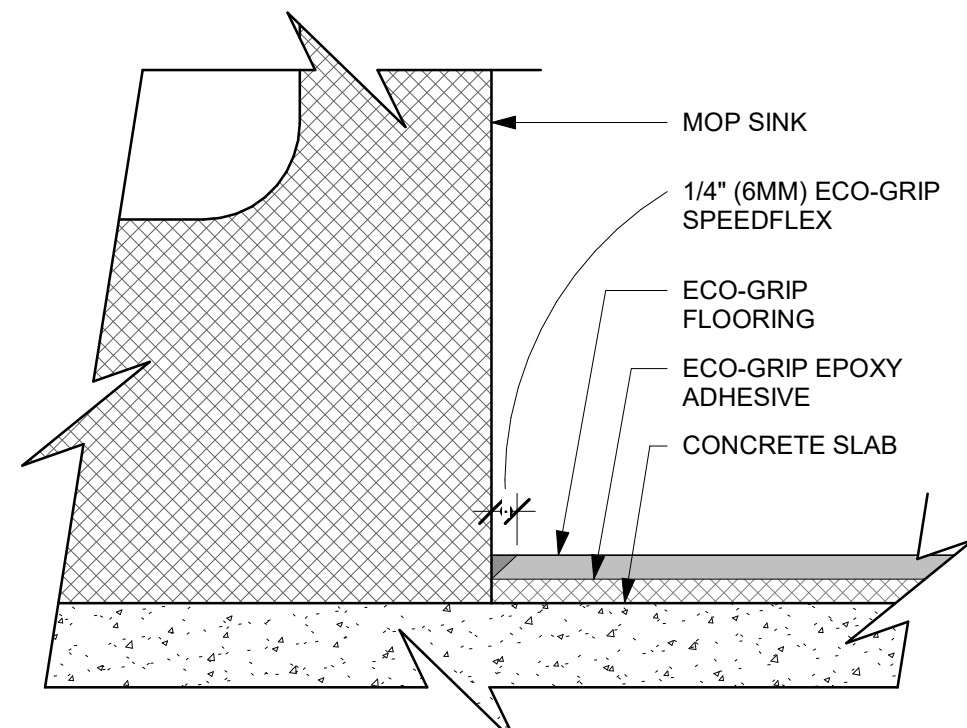
3 ECO-GRIP BASE CAP WITH FRP
Scale: 6" = 1'-0"



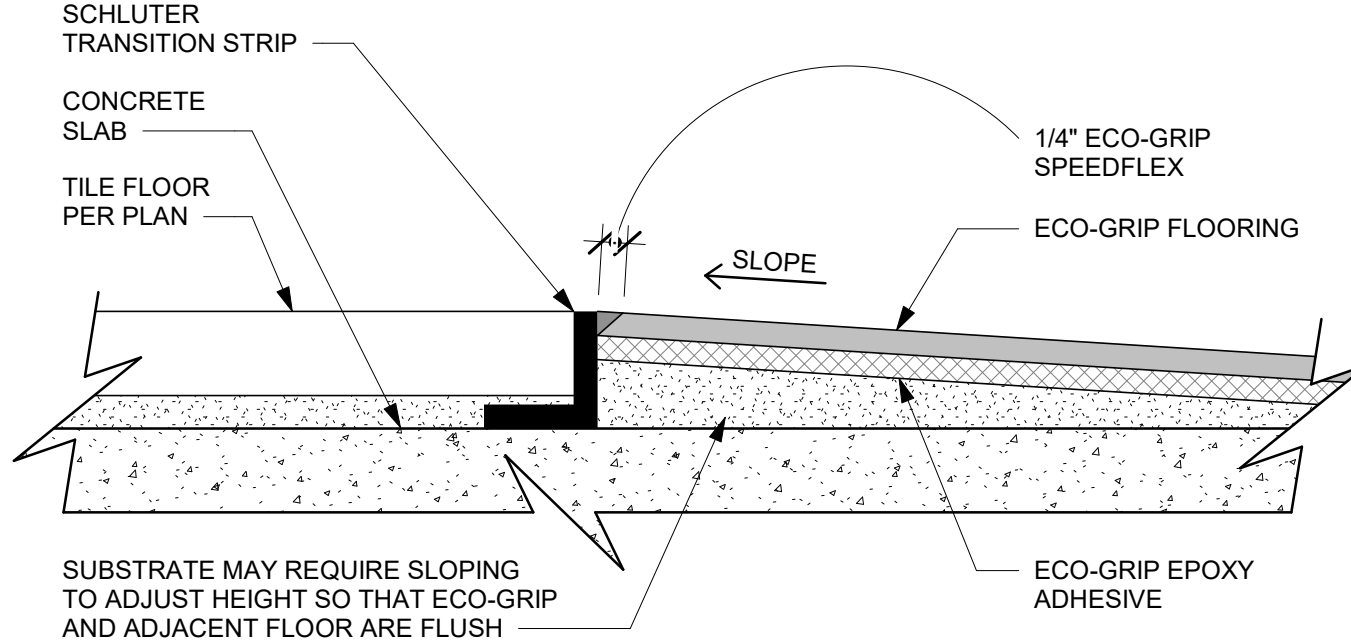
4 ECO-GRIP BASE CAP WITH TILED WALL
Scale: 6" = 1'-0"



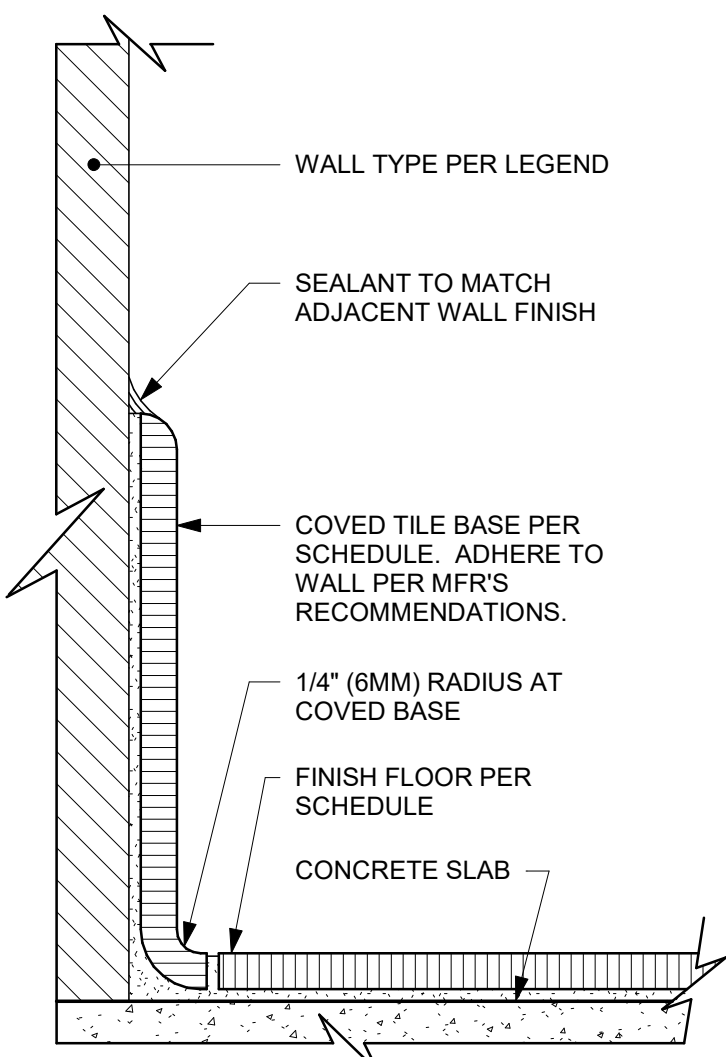
5 ECO-GRIP TO FLOOR SINK TRANSITION
Scale: 12" = 1'-0"



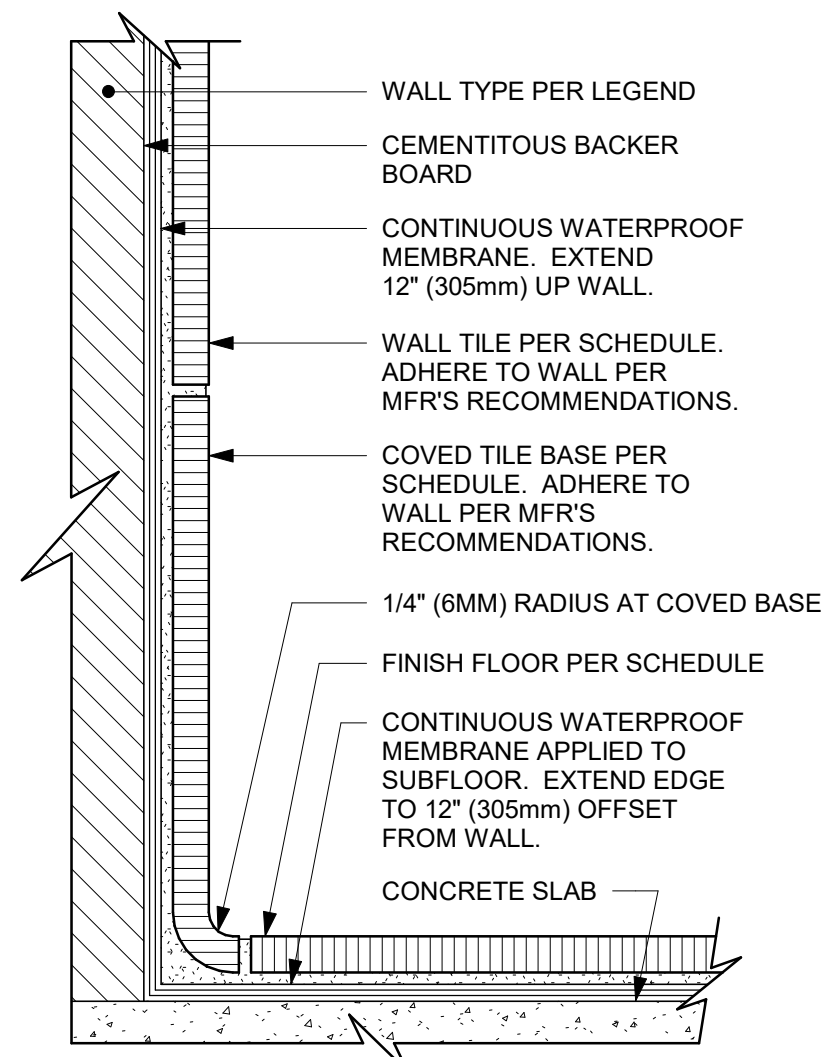
6 ECO-GRIP AT MOP SINK
Scale: 12" = 1'-0"



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



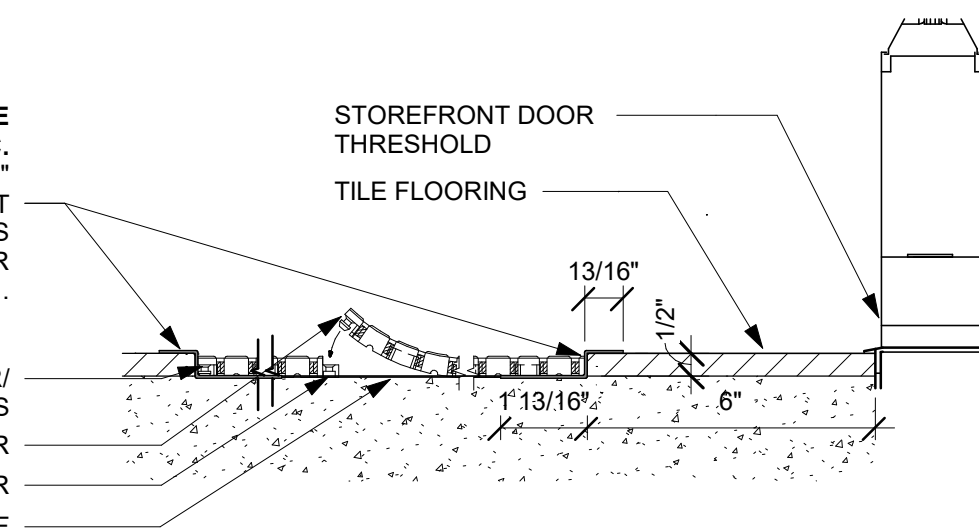
8 INTEGRAL TILE BASE AT WALL
Scale: 6" = 1'-0"



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

16GA STAINLESS STEEL FRAME PROVIDED & INSTALLED BY GC. SEE WALL BASE SCHEDULE "B" AND HELIX Z1 RECESSED MOUNT MAT MANUFACTURER'S DETAIL / SPECIFICATIONS FOR MORE INFORMATION.

NEW HELIX Z1 RUBBER/ VINYL GRID TILES
MALE CONNECTOR
FEMALE CONNECTOR
INCLUDE WATERPROOF MEMBRANE AS NEEDED



10 TRANSITION - TILE FLOOR TO TO HELIX Z1 RECESSED TILES
Scale: 3" = 1'-0"



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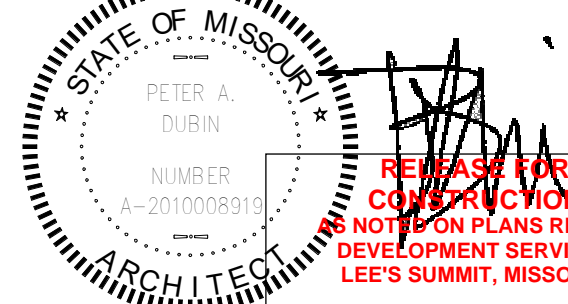
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STARBUCKS TEMPLATE VERSION i2020-01-31

NORR



Engineering Consultants
Mechanical - Electrical - Plumbing



ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

REVISION 1 SET - ISSUED 07.07.2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

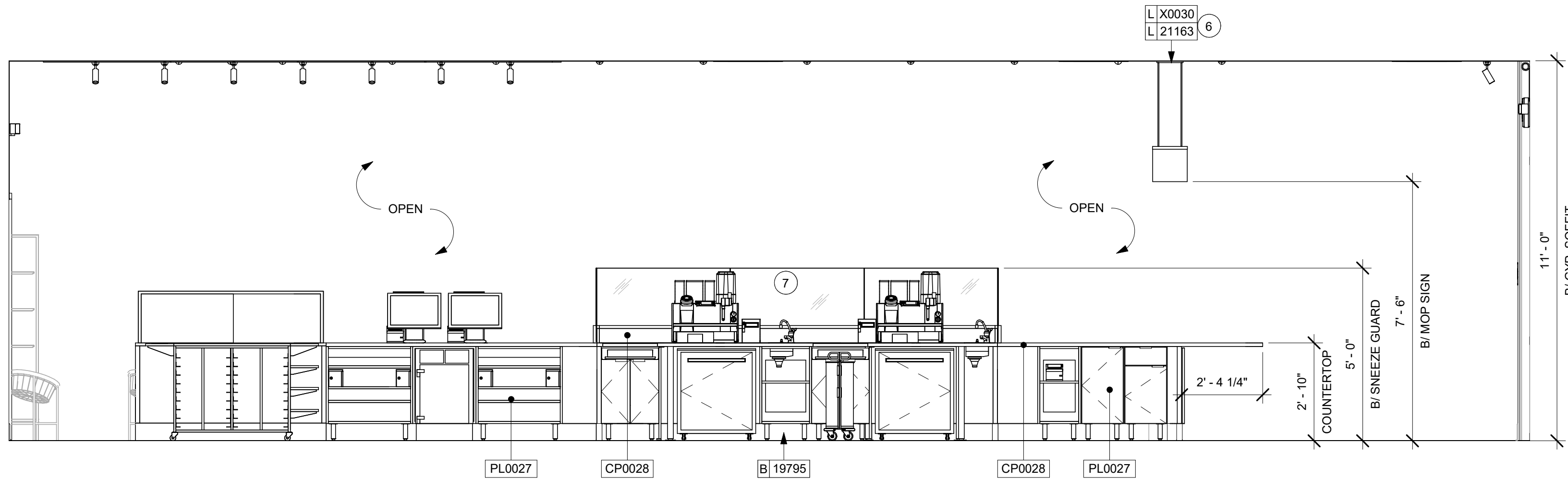
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

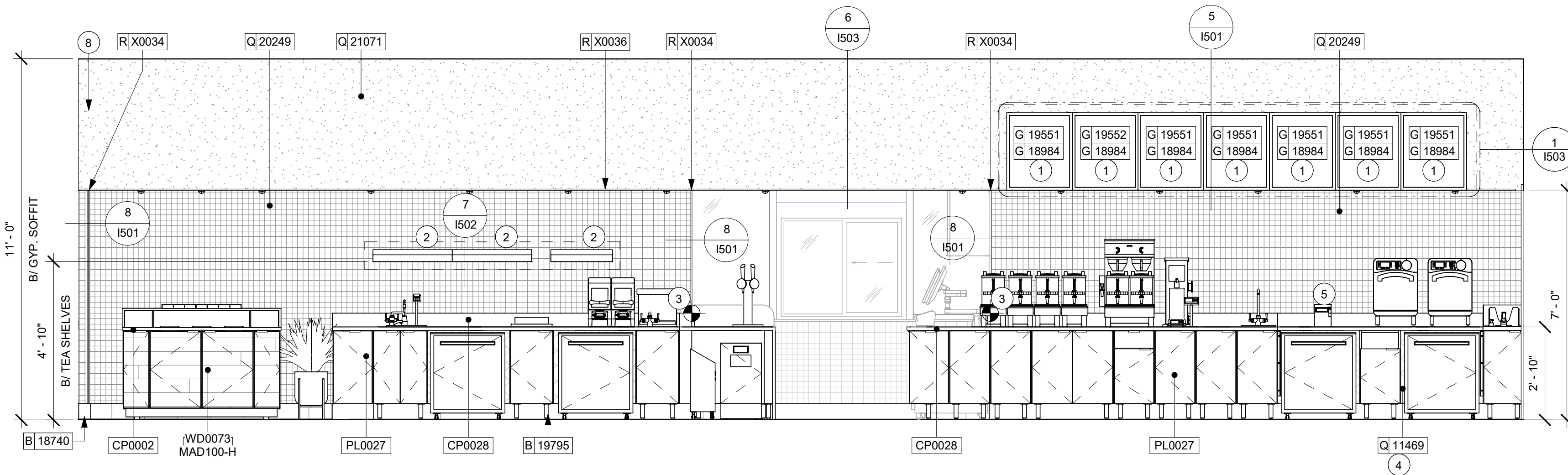
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FINISH DETAILS

SCALE: AS SHOWN

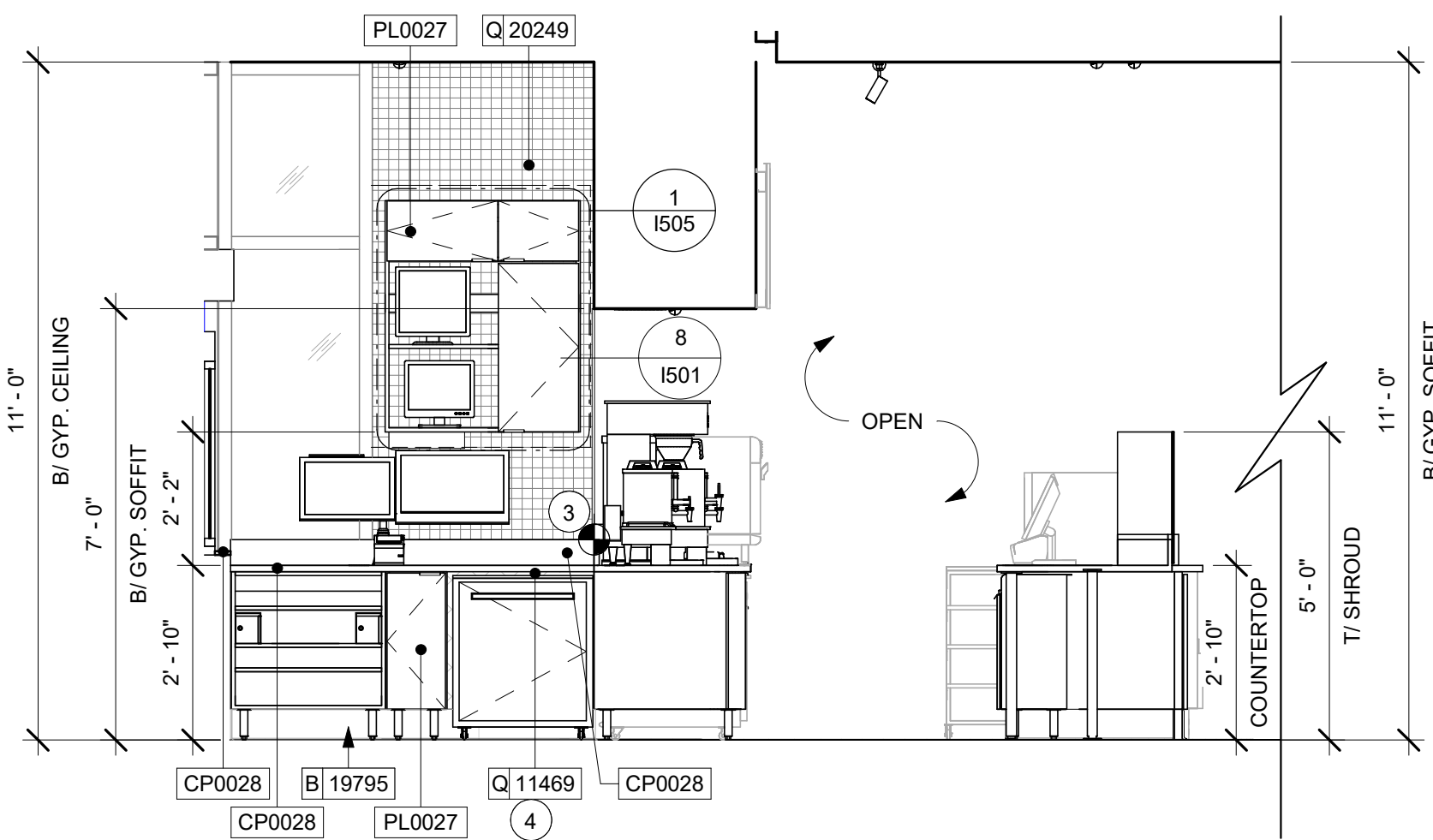
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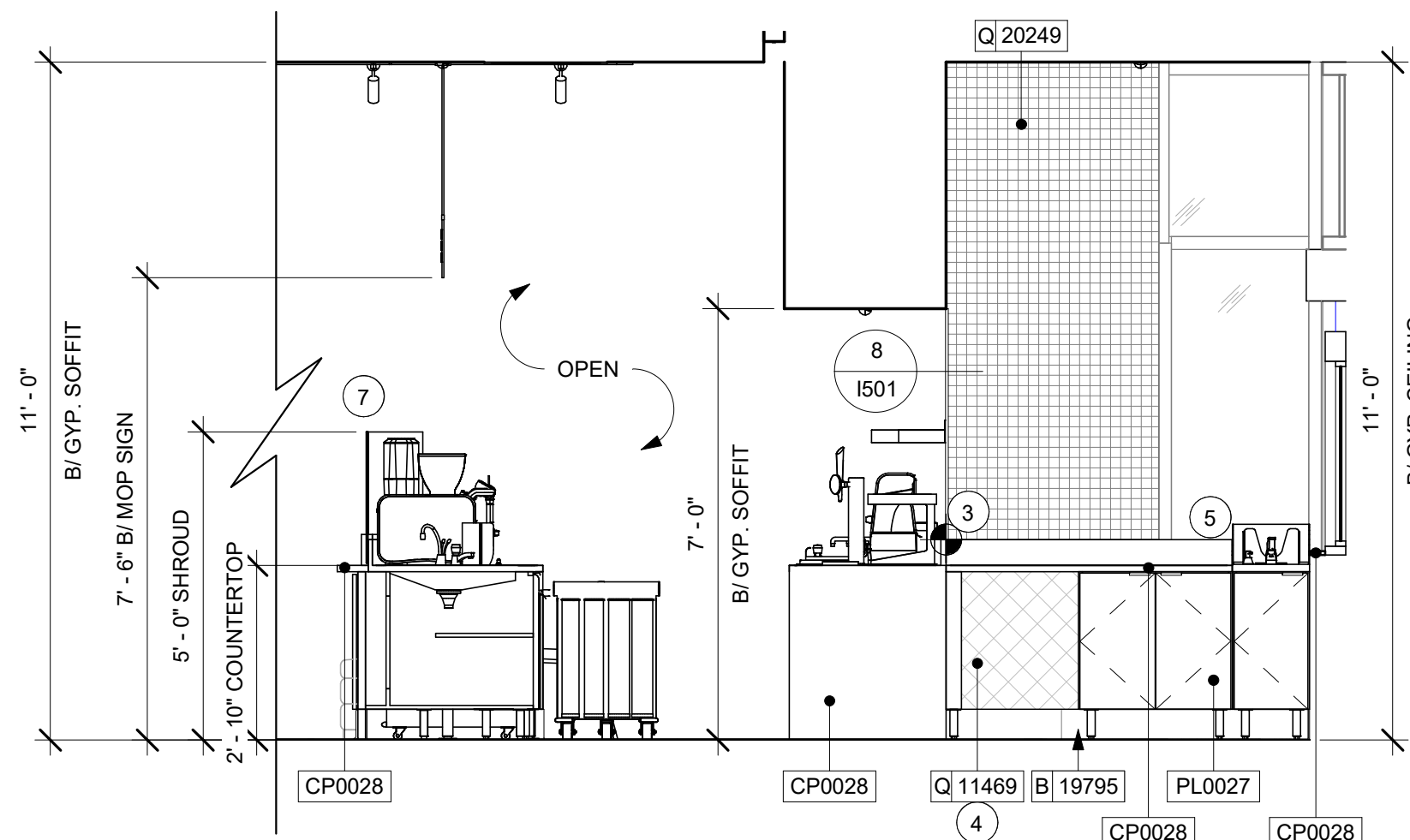
1 FRONTBAR - PARTNER SIDE
Scale: 3/8" = 1'-0"



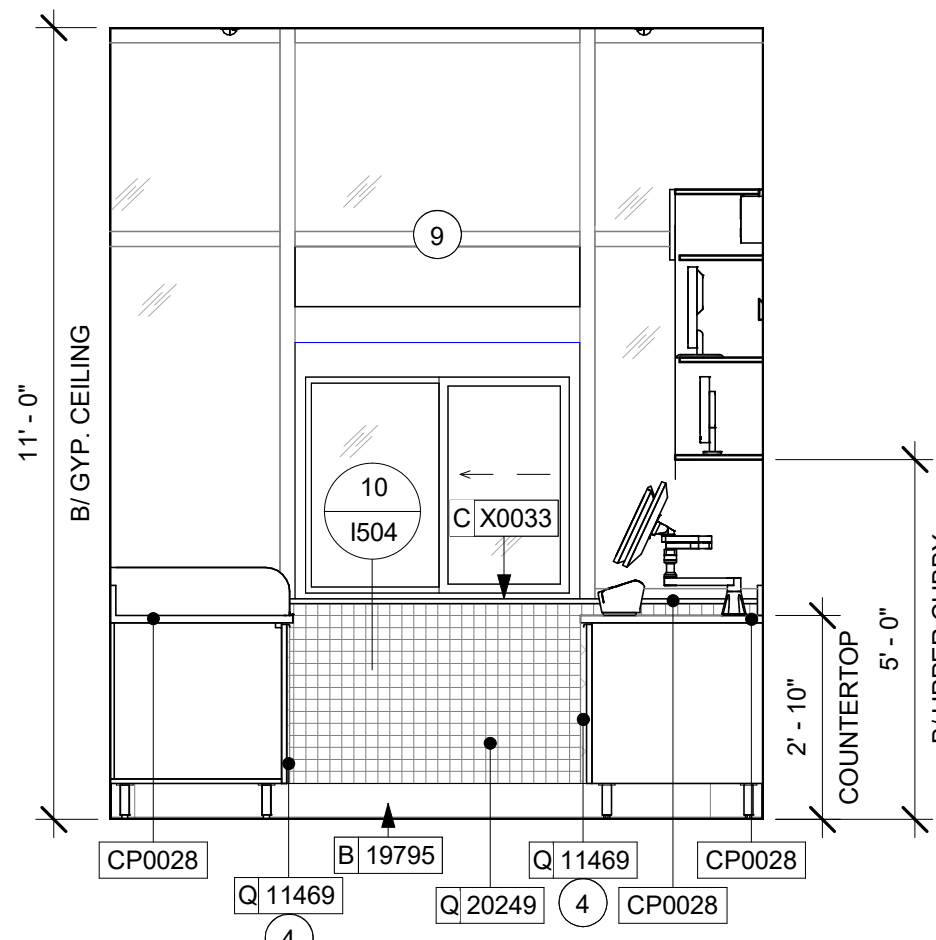
2 BACKBAR - WEST ELEVATION
Scale: 3/8" = 1'-0"



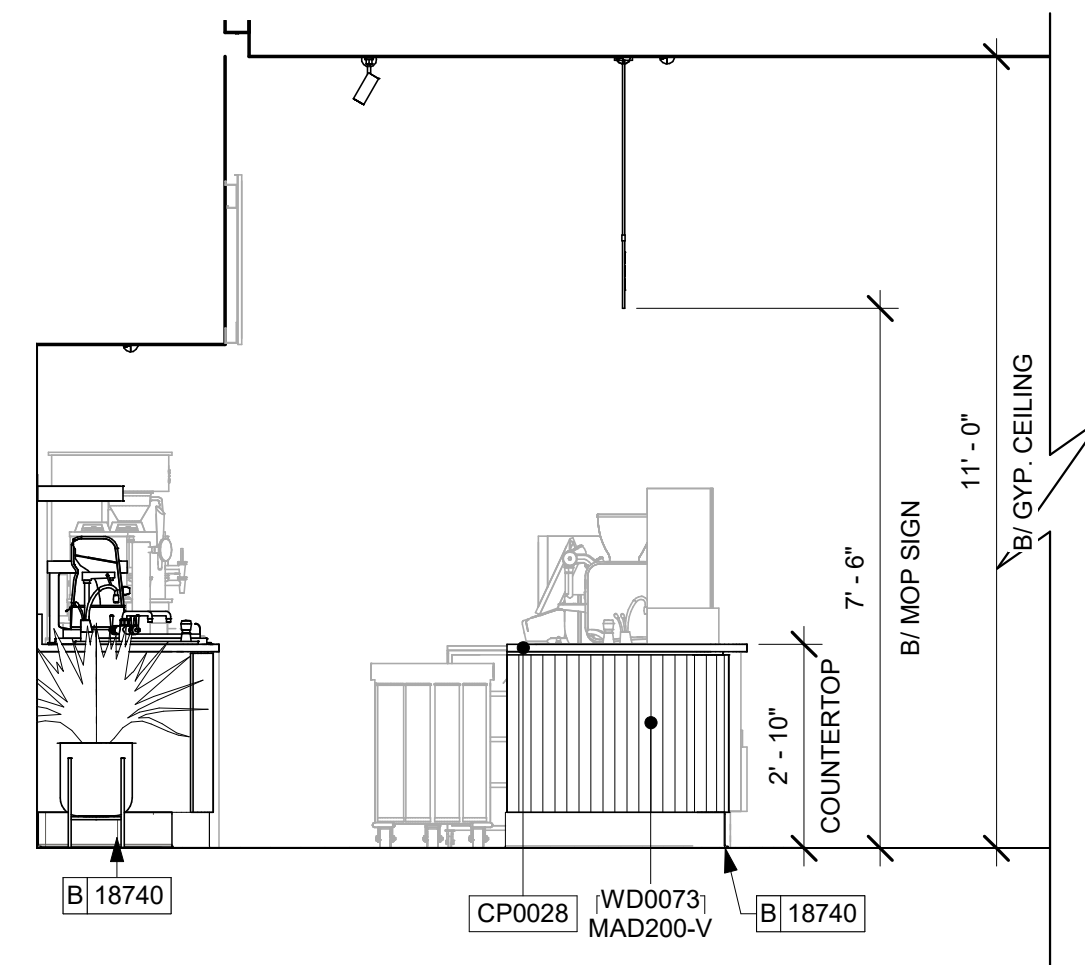
4 BACKBAR - NORTH ELEVATION
Scale: 3/8" = 1'-0"



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



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



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

KEYED NOTES

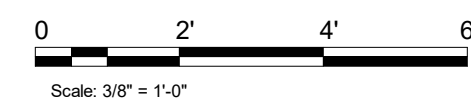
1. ATTACH MENU BOARDS PER INSTALLATION DETAILS.
2. SHELVING FOR CBE STATION AS SHOWN. G.C. TO PROVIDE WALL BLOCKING FOR FASTENERS.
3. TILE START POINT WHERE INDICATED.
4. WALL FINISH BEHIND EXPOSED CABINETRY AND BELOW UNDERSIDE OF COUNTERTOP SUBSTRATE TO BE WHITE FRP.
5. PROVIDE 6" (150MM) MIN. INTERGRAL SPLASHGUARD AT HAND SINK PER JURISDICTIONAL REQUIREMENTS.
6. TOP MOUNTED, ILLUMINATED CAFE MOBILE ORDER PICKUP (MOP) SIGN BY SIGNAGE VENDOR. PROVIDE BLOCKING IN CEILING AS REQUIRED TO SUPPORT SIGN.
7. SNEEZE GUARD HEIGHT TO BE VERIFIED WITH HEALTH INSPECTOR.
8. ROUNDED CORNERS. SEE REFLECTED CEILING PLAN FOR MORE INFORMATION.
9. INSTALL AIR CURTAIN AS REQUIRED PER JURISDICTION.

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



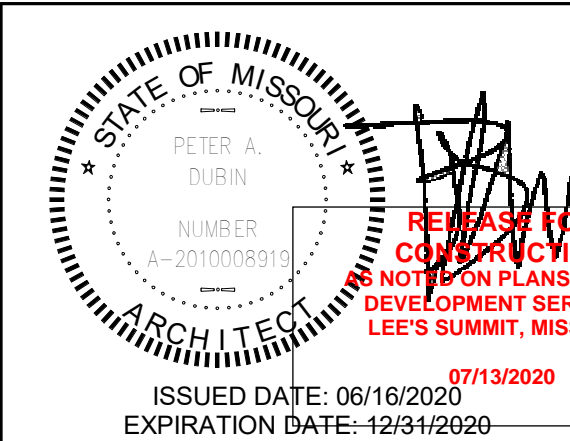
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NORR

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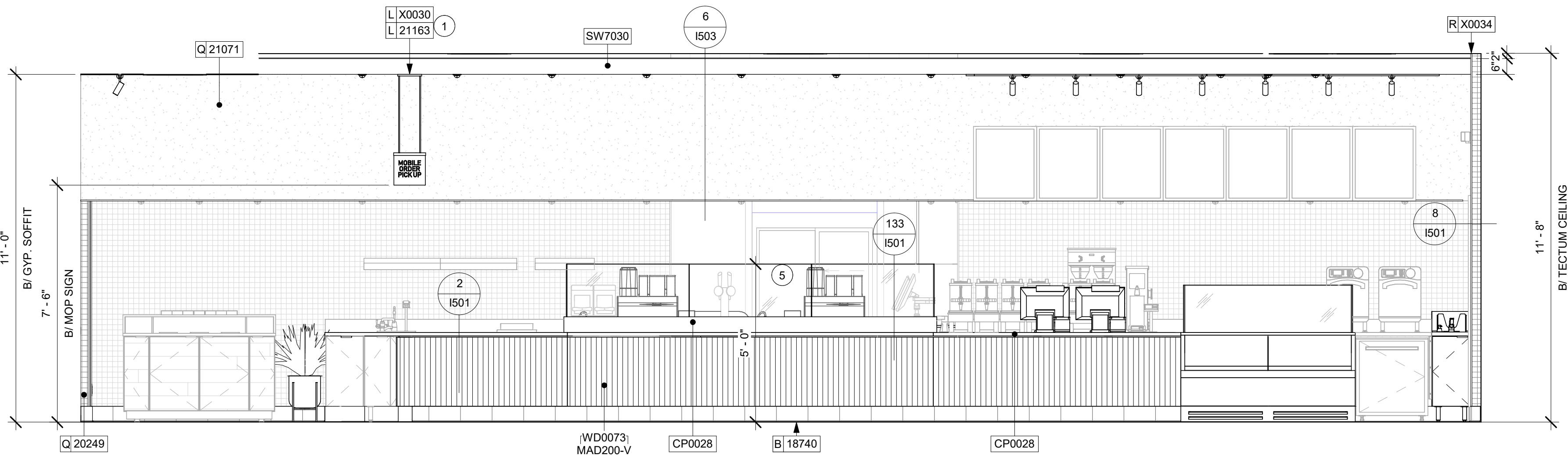
Revision Schedule			
Rev	Date	By	Description

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

SHEET NUMBER:
I201

REVISION 1 SET - ISSUED 07.07.2020

7/7/2020 9:37:43 AM I:\CHINAS01\Chicago\Norri\Projects\Starbucks\Starbucks\NIC119-0401 - Starbucks - Pryor Rd. and Chipman\500-Deiv\BIM01-WIP_Models\MO_NW_Pryor Rd & Chipman-Revision 1.rvt



KEYED NOTES

1. TOP MOUNTED, ILLUMINATED CAFE MOBILE ORDER PICKUP (MOP) SIGN BY SIGNAGE VENDOR. PROVIDE BLOCKING IN CEILING AS REQUIRED TO SUPPORT SIGN
2. CASEWORK VENDOR TO SHIP WAINSCOT LOOSE FOR GC IN FIELD.
3. ROLLER SHADES DIMENSIONS TO BE FIELD VERIFIED PRIOR TO FABRICATION.
4. GC TO PROVIDE WALL BLOCKING FOR ARTWORK AS NEEDED.
5. SNEEZE GUARD HEIGHT TO BE VERIFIED WITH HEALTH INSPECTOR.
6. SHELVING FOR CBE STATION AS SHOWN. GC TO PROVIDE WALL BLOCKING FOR FASTENERS.
7. OCCUPANCY LOAD TO BE POSTED AT THE STORE ENTRY AS SHOWN, PER JURISDICTIONAL REQUIREMENT.

LEGEND

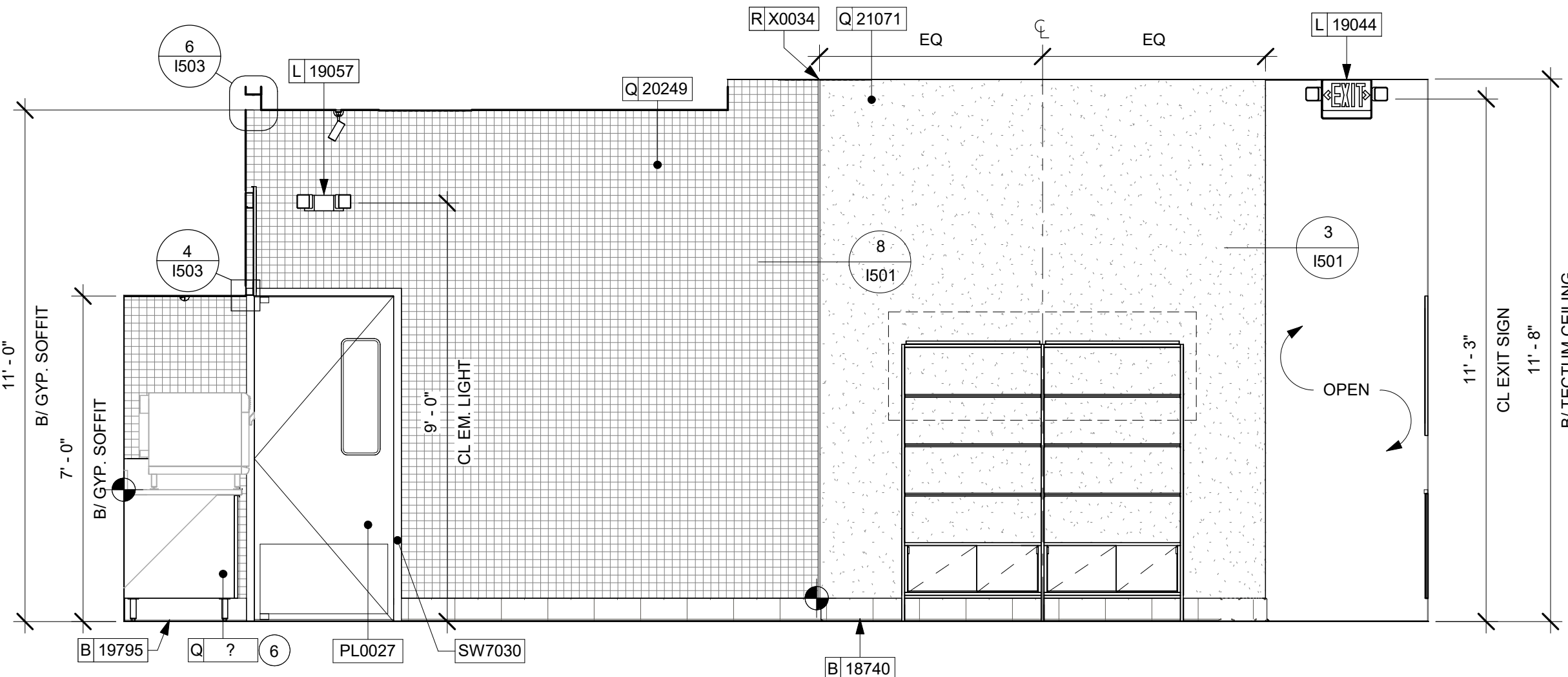
- INDICATES WALL BLOCKING.
FIRE TREATED WALL BLOCKING TO BE PROVIDED AS REQUIRED TO SUPPORT WALL ATTACHMENTS. EXTEND BLOCKING 4" (100mm) BEYOND EDGE OF ATTACHMENTS.
- WALL TILE START POINT DATUM

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, CABINETS) 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.

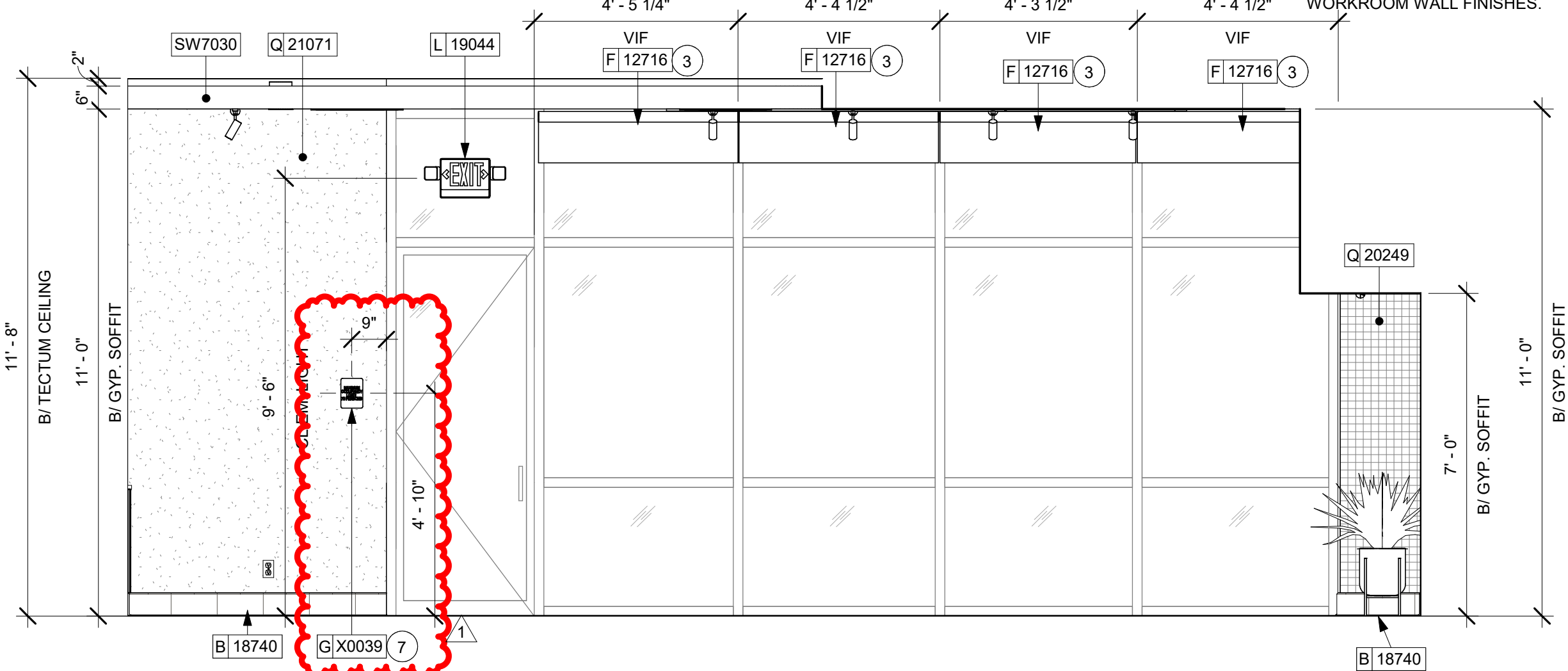
1 CAFE - WEST ELEVATION

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



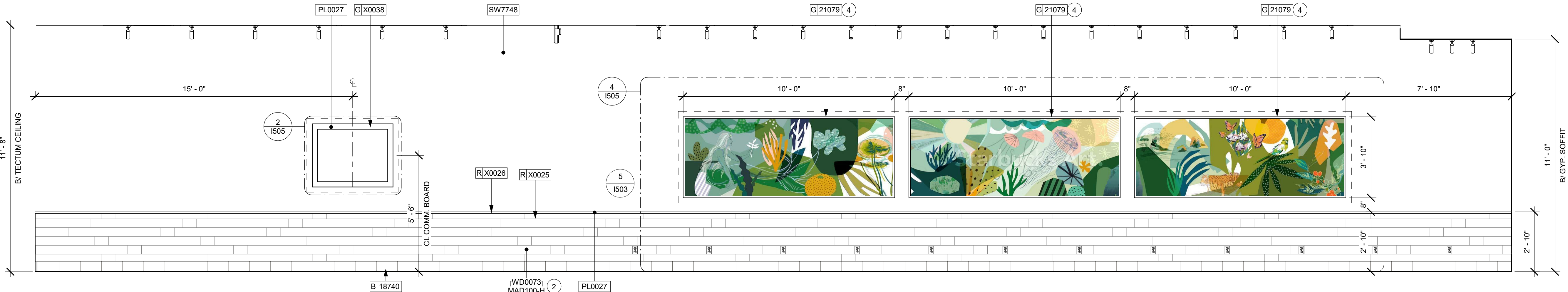
2 CAFE - NORTH ELEVATION

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



3 CAFE - SOUTH ELEVATION

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



4 CAFE - EAST ELEVATION

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

0 2' 4' 6'
Scale: 3/8" = 1'-0"

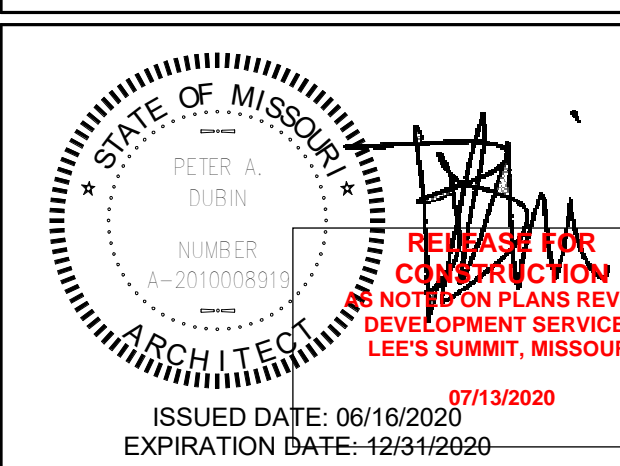
REVISION 1 SET - ISSUED 07.07.2020



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STARBUCKS TEMPLATE VERSION I2020-01-31



PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

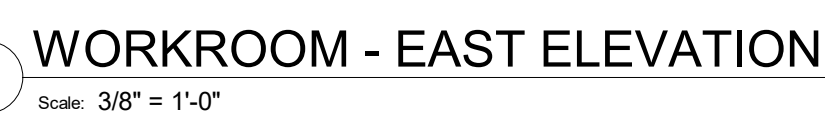
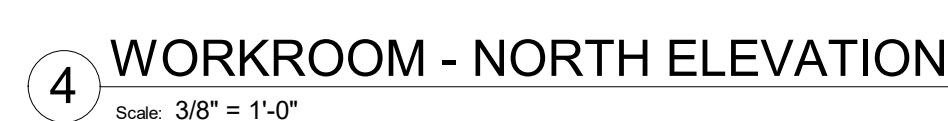
PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description
1	7/7/2020	AH	PERMIT COMMENTS

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

SHEET NUMBER:
I202



0 2' 4' 6'

Scale: $\frac{3}{8}'' = 1'-0''$

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



- 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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- D. PAINT FINISHES SHALL BE APPLIED AS FOLLOWS, UNLESS NOTED OTHERWISE:
 - 1) WALLS AND CEILING 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.

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

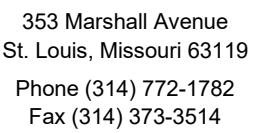


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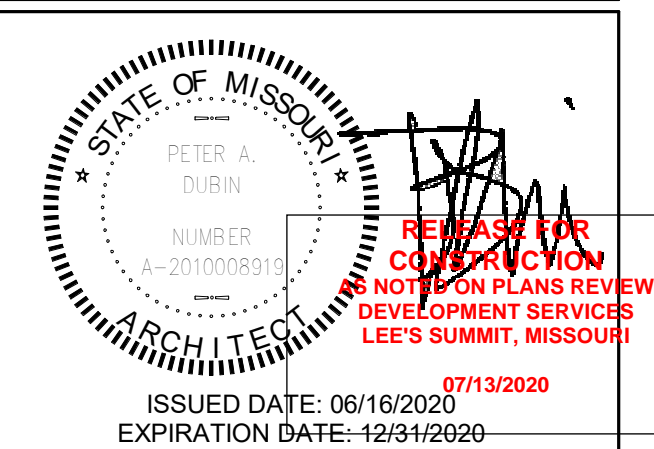
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STARBUCKS TEMPLATE VERSION i2020-01-31

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PROJECT NAME:
BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:
STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY

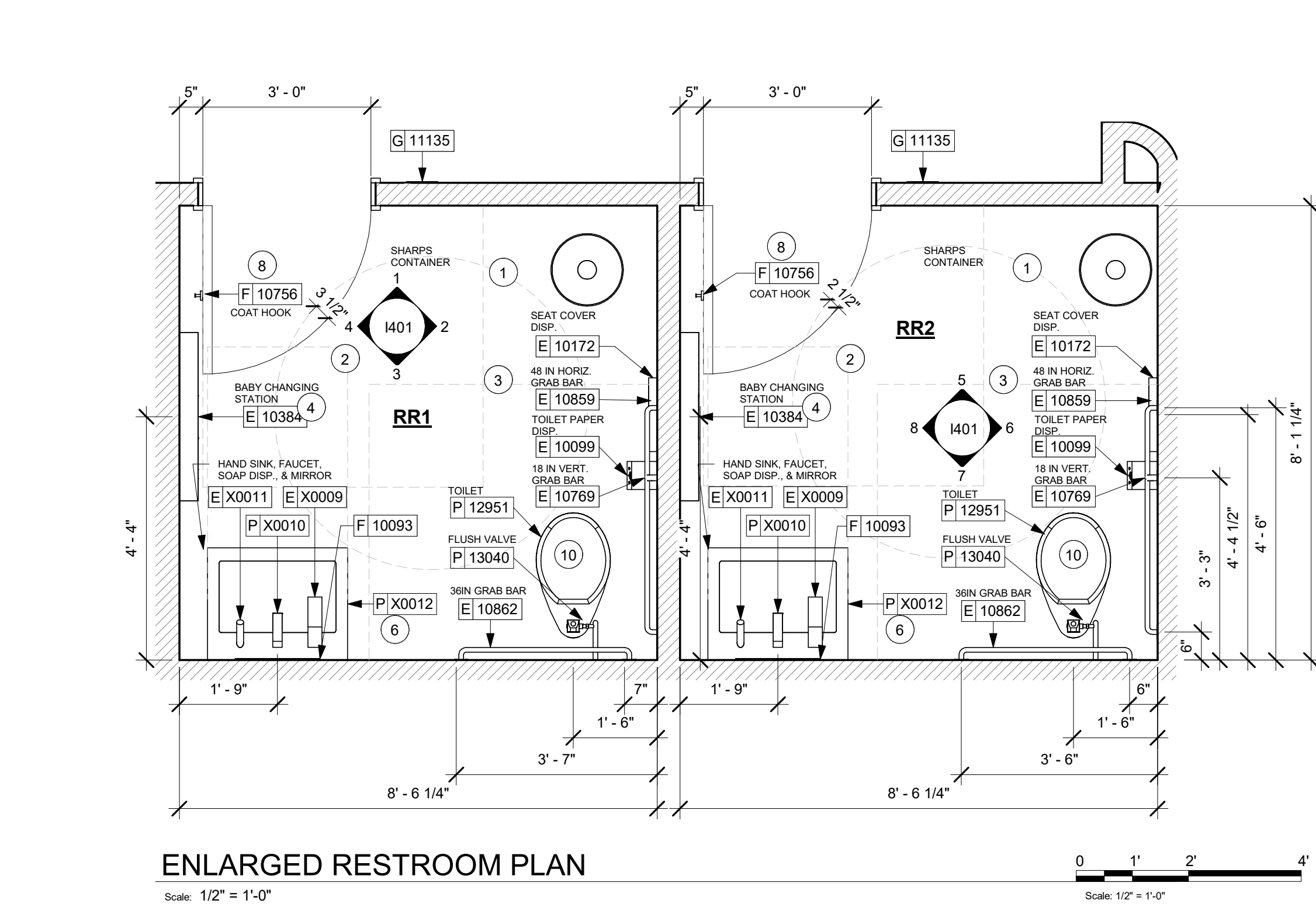
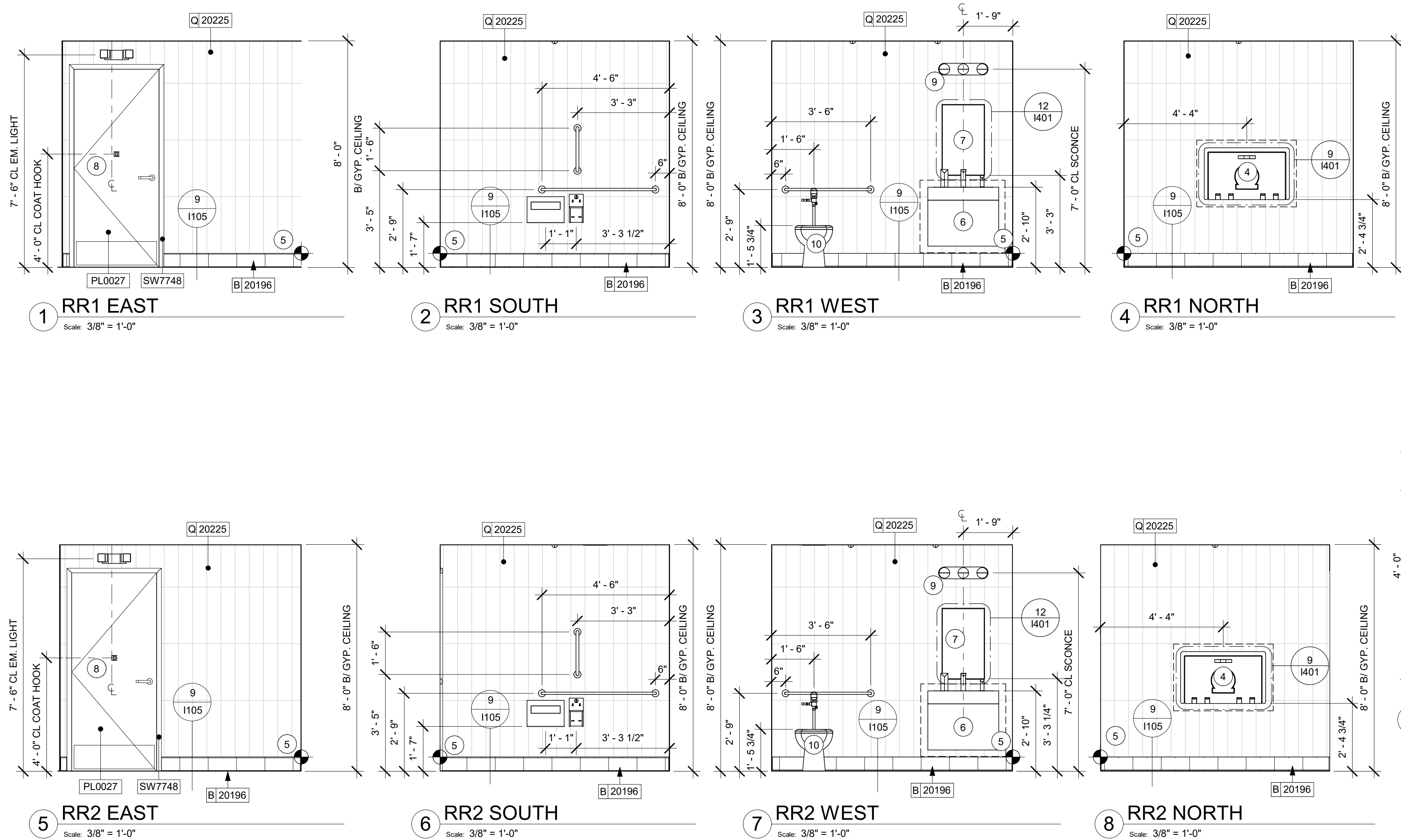
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

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

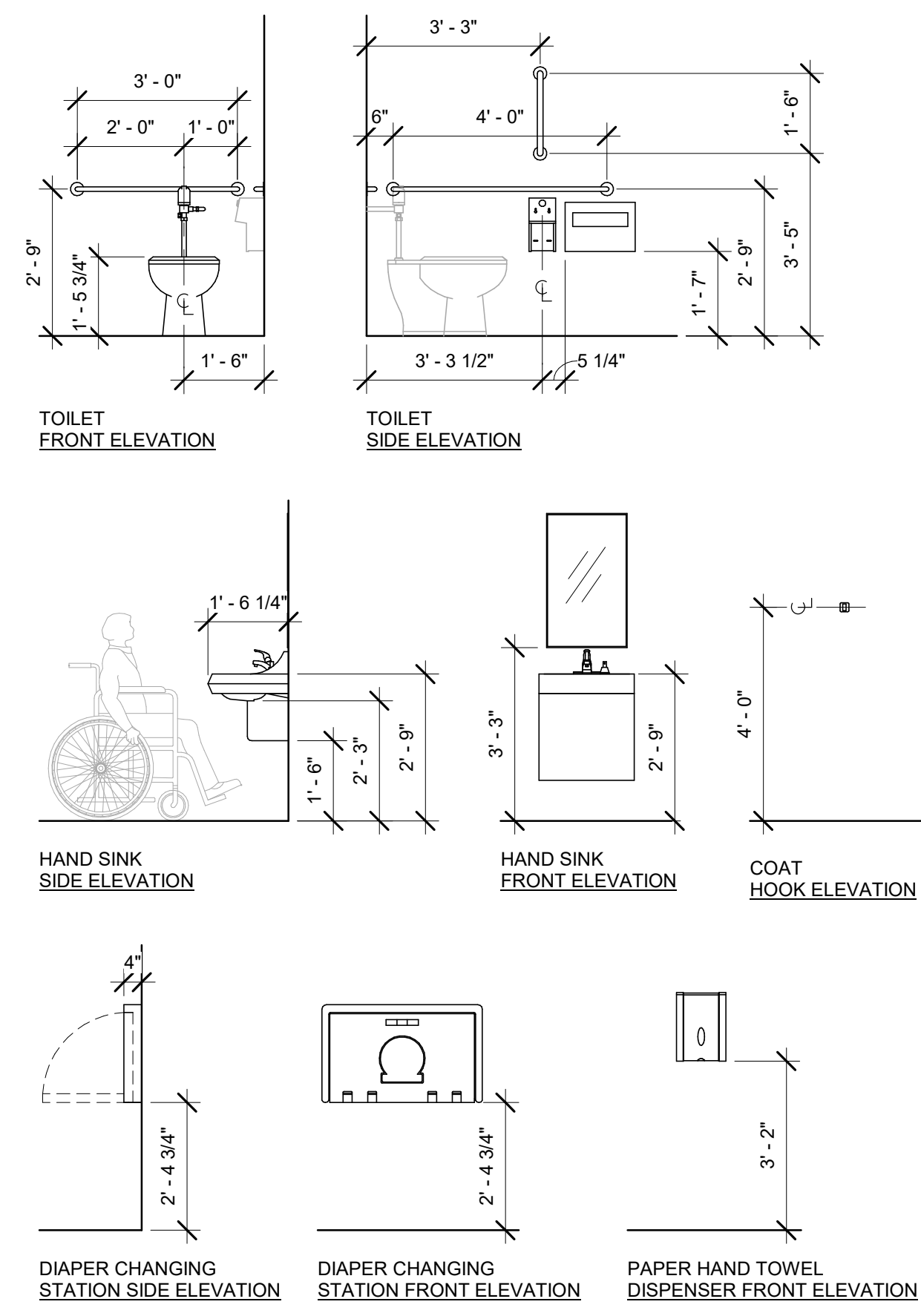
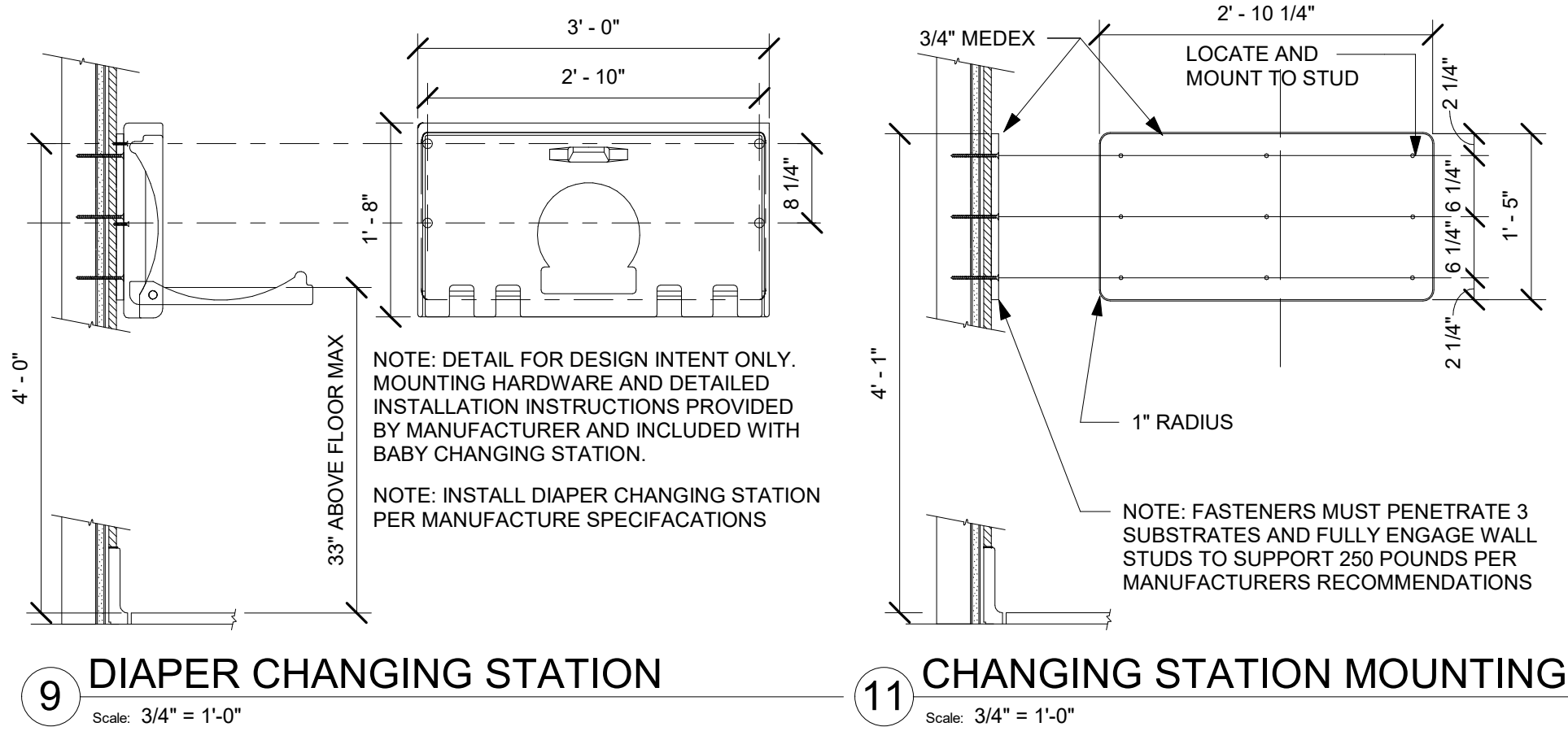
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- ### KEYED NOTES
- 67" ADA TURNING RADIUS.
 - 30" X 52" CLEAR FLOOR SPACE.
 - WATER CLOSET CLEAR FLOOR SPACE.
 - BABY CHANGING FIXTURE. GENERAL CONTRACTOR TO PROVIDE BLOCKING PER MANUFACTURER'S RECOMMENDATION.
 - TILE START POINT WHERE INDICATED. ALIGN BASE TILE GROUT WITH WALL TILE GROUT. USE 1/8" UNSANDED GROUT LINES.
 - WALL MOUNTED LAVATORY INSTALLED WITH INSULATED BOOT AT EXPOSED PIPES.
 - CENTER MIRROR OVER LAVATORY. MOUNT AT 40" 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.
 - RESTROOM SWITCH TO BE INSTALLED AT ADA COMPLIANT HEIGHT.

- ### 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.



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Alkemeyer & Associates
Engineering Consultants
Mechanical - Electrical - Plumbing
353 Marshall Avenue
St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514

STATE OF MISSOURI
PETER A. DUBIN
NUMBER A-2010008910
ARCHITECT
ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020
REMARK: FOR CONSTRUCTION
NOT FOR PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

REVISION 1 SET - ISSUED 07.07.2020

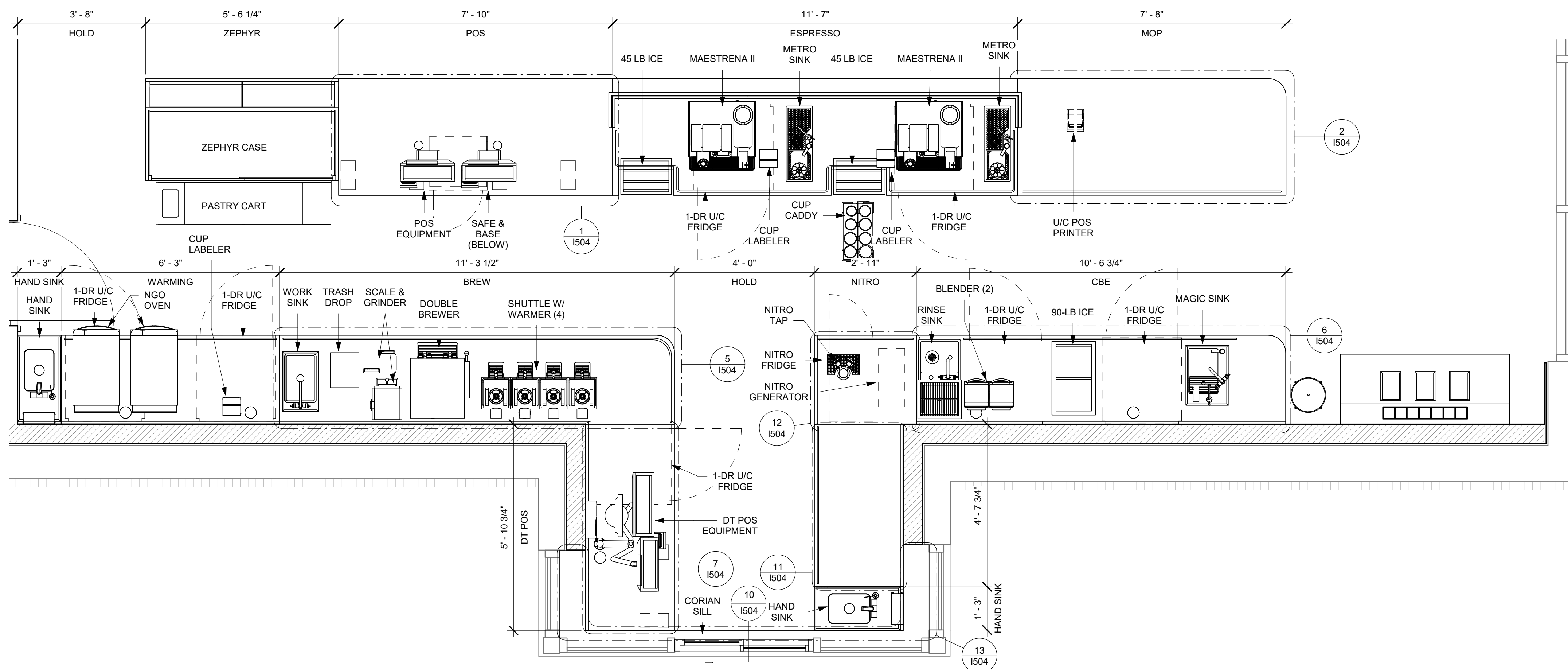
PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**
PROJECT ADDRESS:
STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

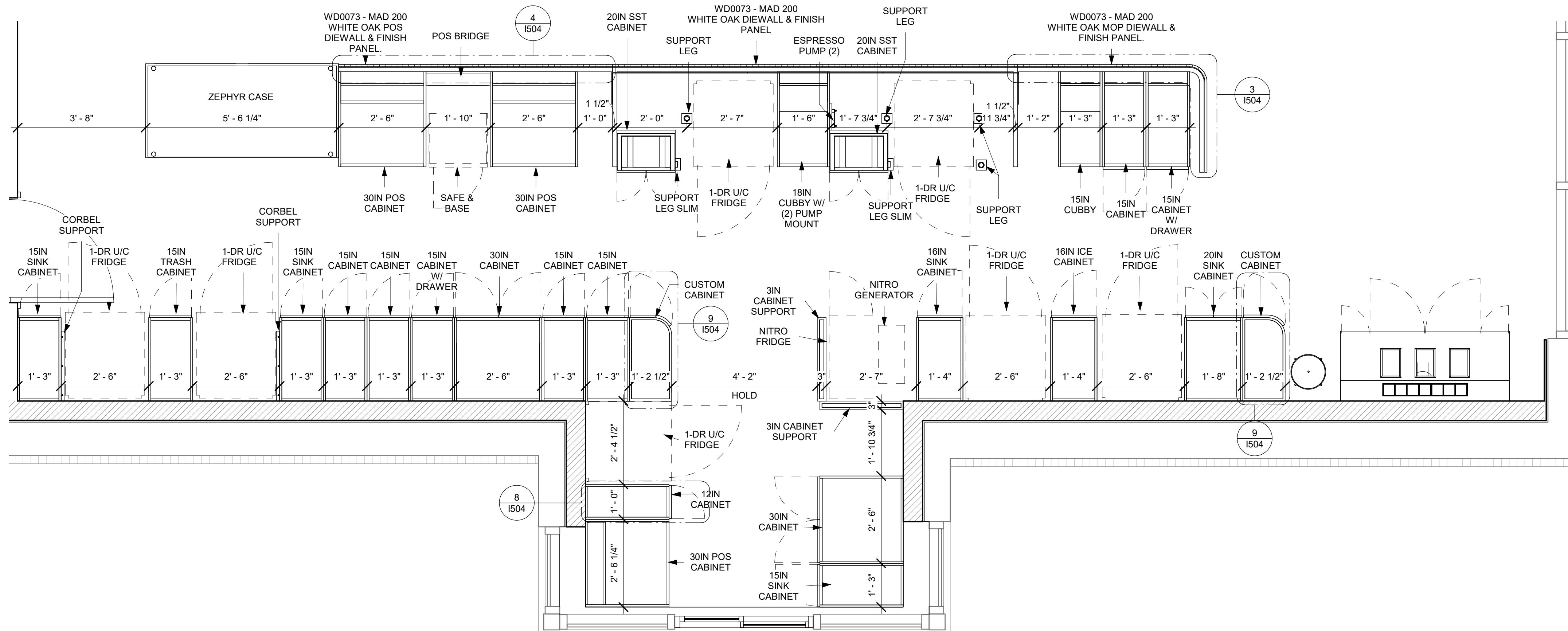
SHEET TITLE:
**RESTROOM PLAN &
ELEVATIONS**
SCALE: AS SHOWN

SHEET NUMBER:
1401



ENLARGED BAR PLAN - EQUIPMENT

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



ENLARGED BAR PLAN - CASEWORK

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

NOTE: CASEWORK VENDOR TO PROVIDE SHOP DRAWINGS FOR SBUX REVIEW PRIOR TO FABRICATION



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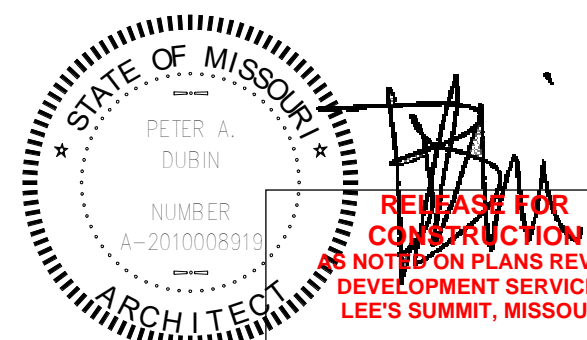
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Phone (314) 772-1782
Fax (314) 373-3514

Engineering Consultants
Mechanical - Electrical - Plumbing



ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

PROJECT NAME:

PROJECT NAME: BUILDOUT OF STARBUCKS COFFEE - NW PRYOR RD & CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:
STREETS OF WEST PRYOR, LOT 3
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LEE'S SUMMIT, MO
JACKSON COUNTY

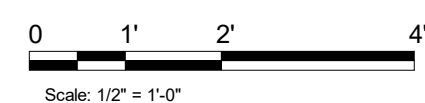
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PROJECT #:	87799-001
ISSUE DATE:	07-07-2020
SR. DESIGN MANAGER:	K. GORIN SLONSKI
PRODUCTION DESIGNER:	A. HAHN
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Revision Schedule			
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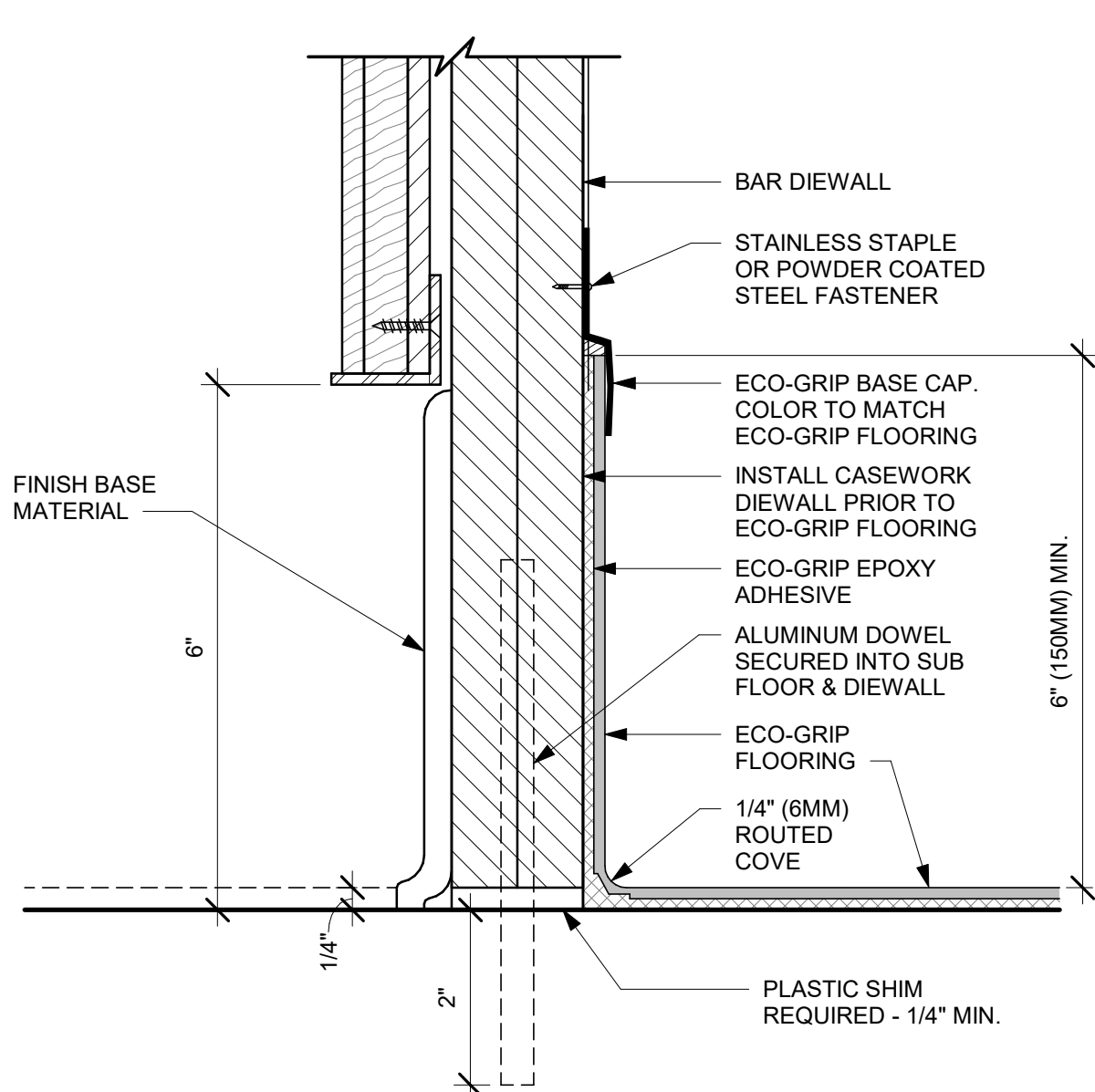
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ENLARGED BAR PLANS

SCALE: AS SHOWN

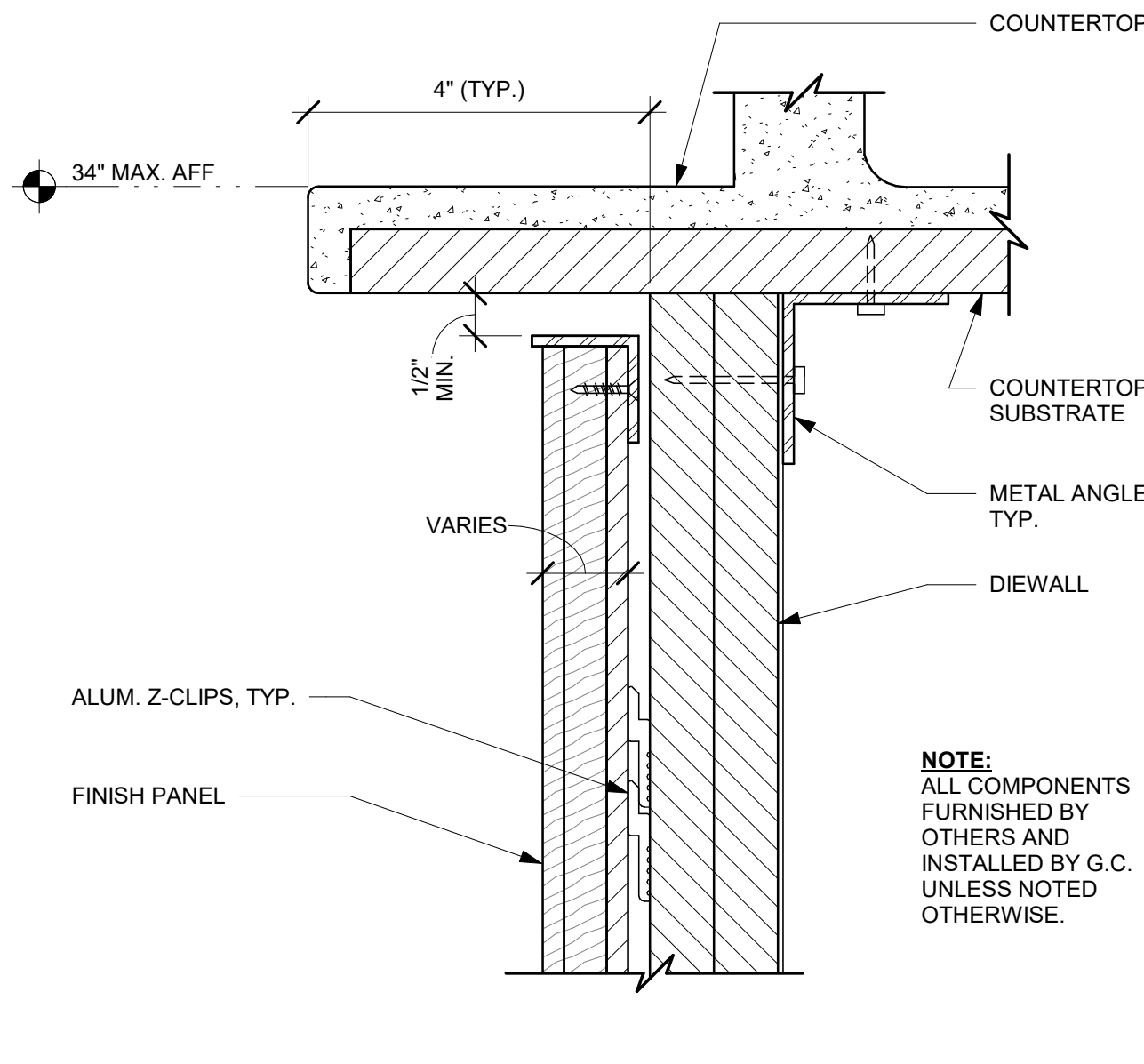
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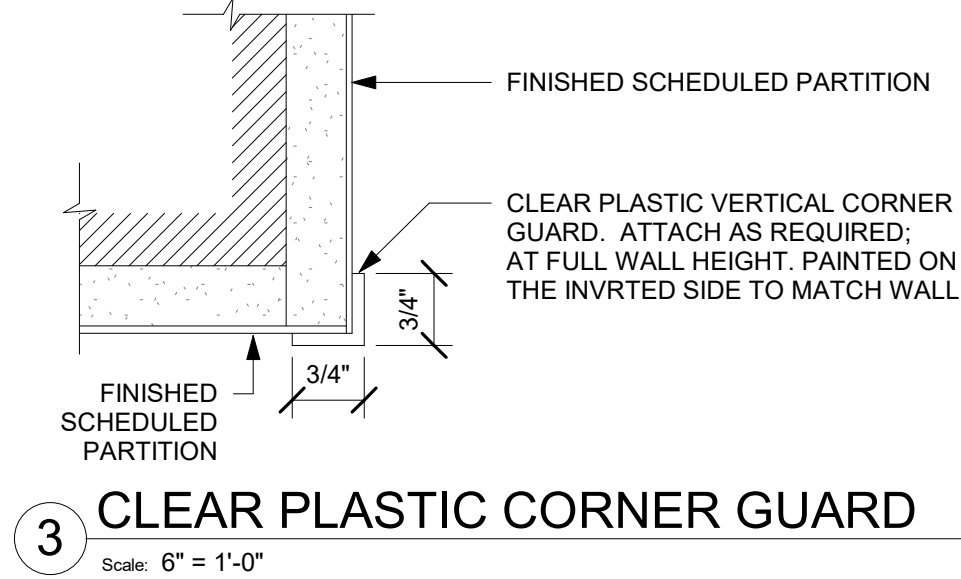
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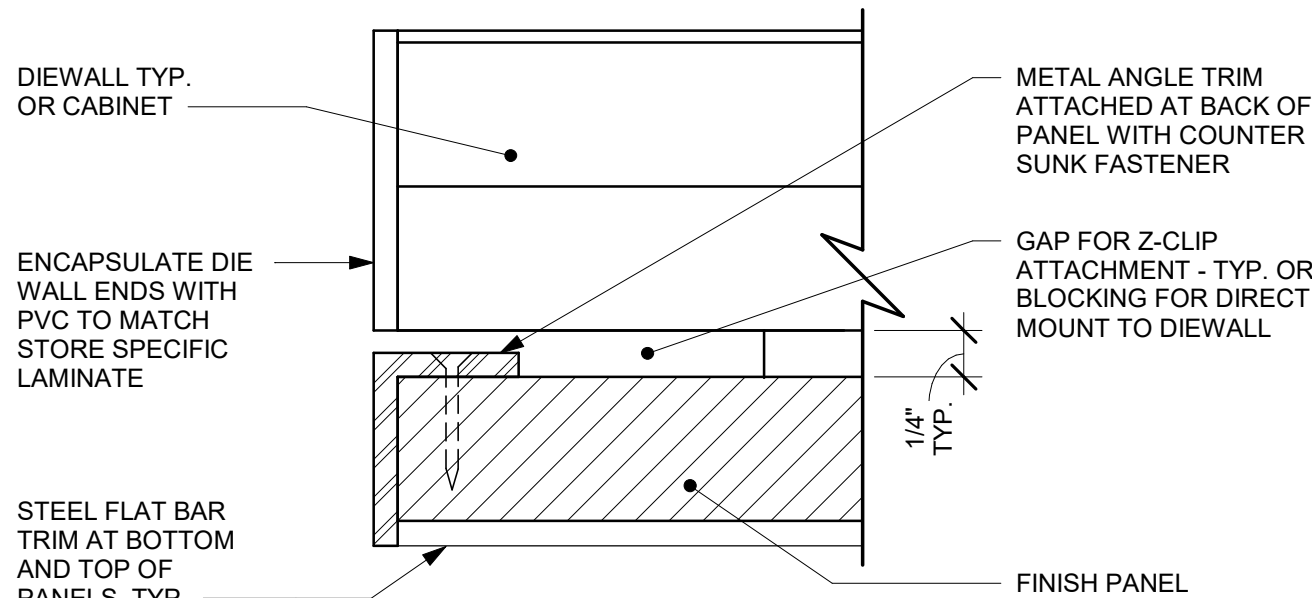
1 FINISH PANEL - 6" BASE
Scale: 6" = 1'-0"



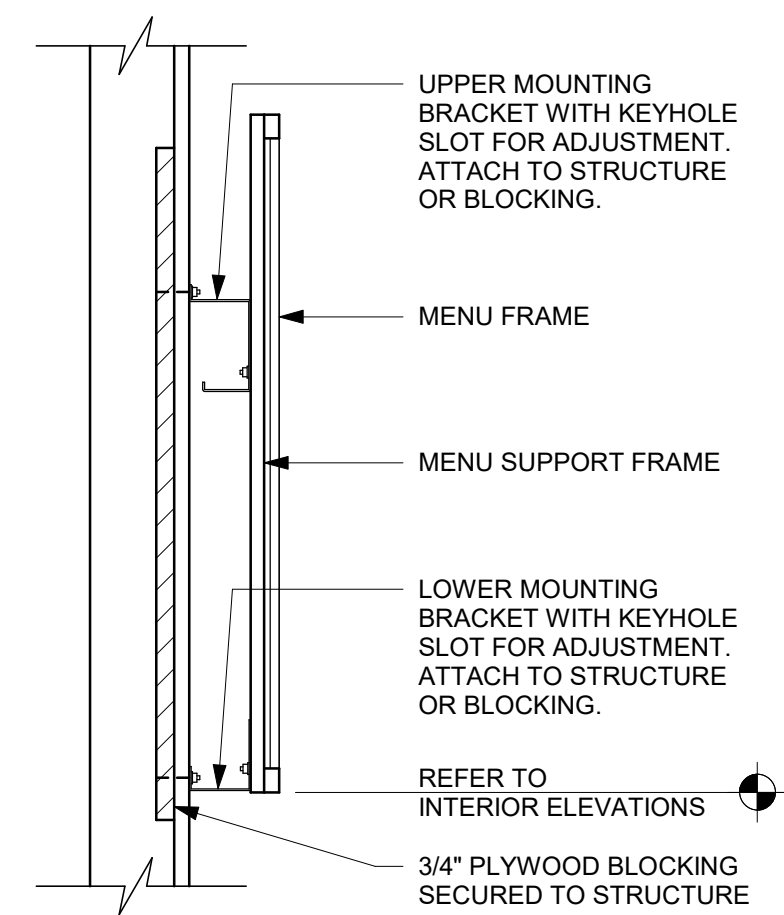
2 FINISH PANEL - COUNTERTOP OVERHANG
Scale: 6" = 1'-0"



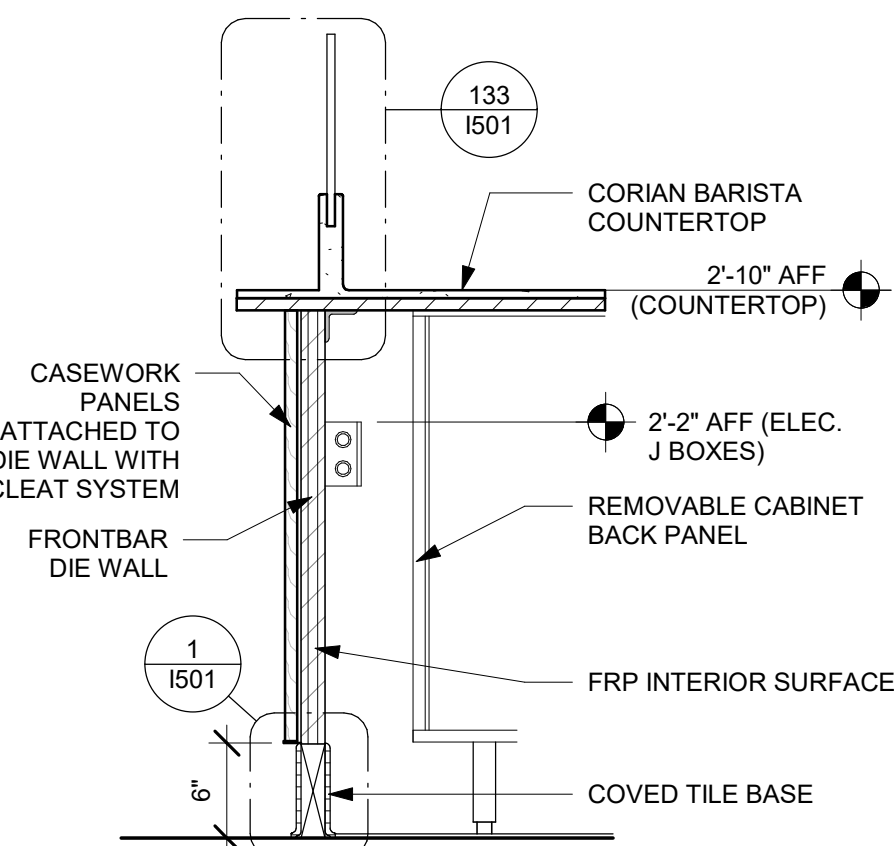
3 CLEAR PLASTIC CORNER GUARD
Scale: 6" = 1'-0"



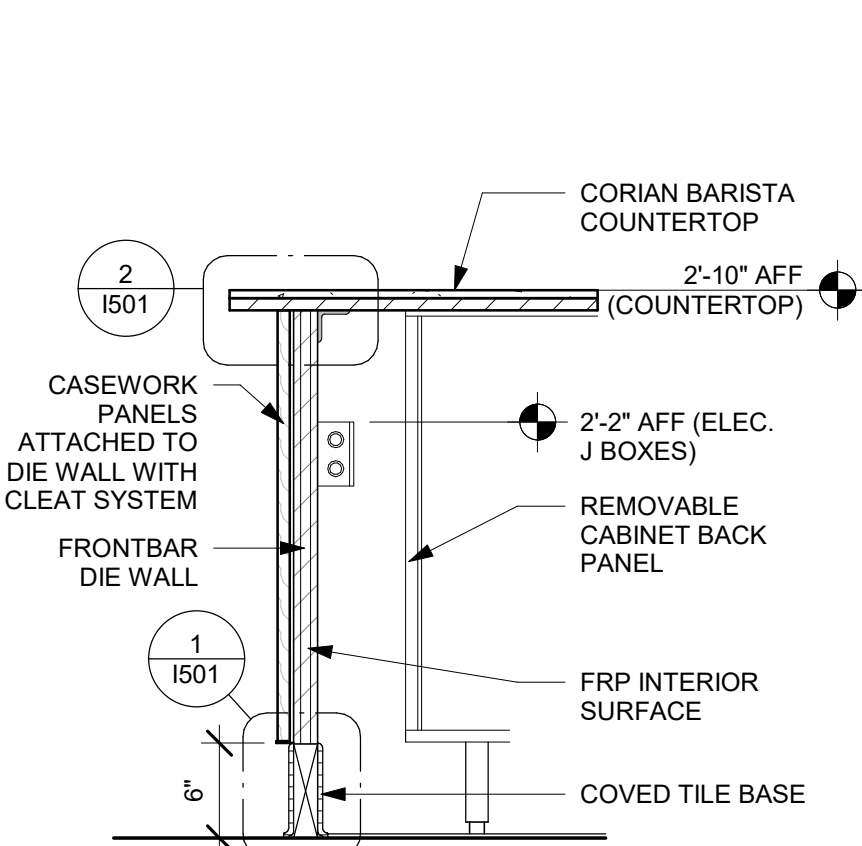
4 TYPICAL DETAIL AT FINISH PANEL END - VERTICAL METAL TRIM
Scale: 12" = 1'-0"



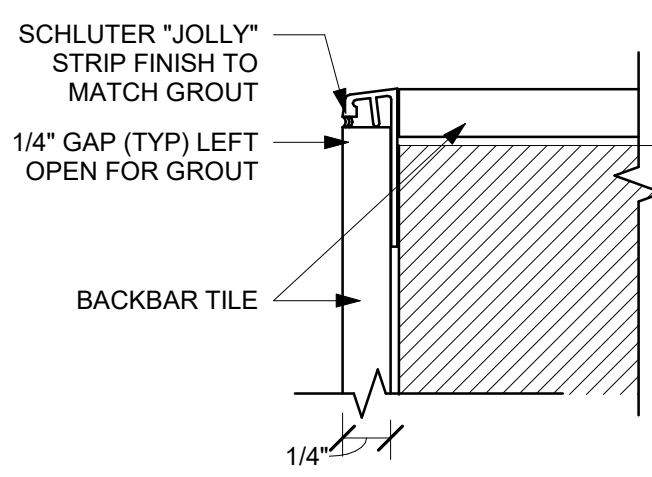
5 MENU - WALL MOUNT
Scale: 1 1/2" = 1'-0"



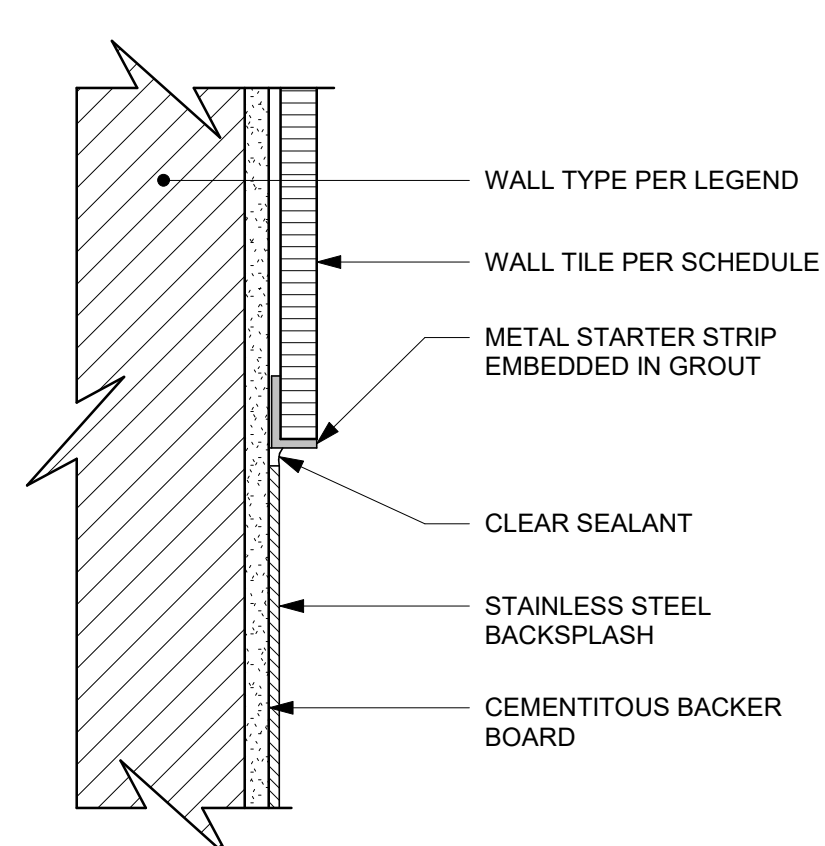
6 WALL SECTION AT ESPRESSO
Scale: 1" = 1'-0"



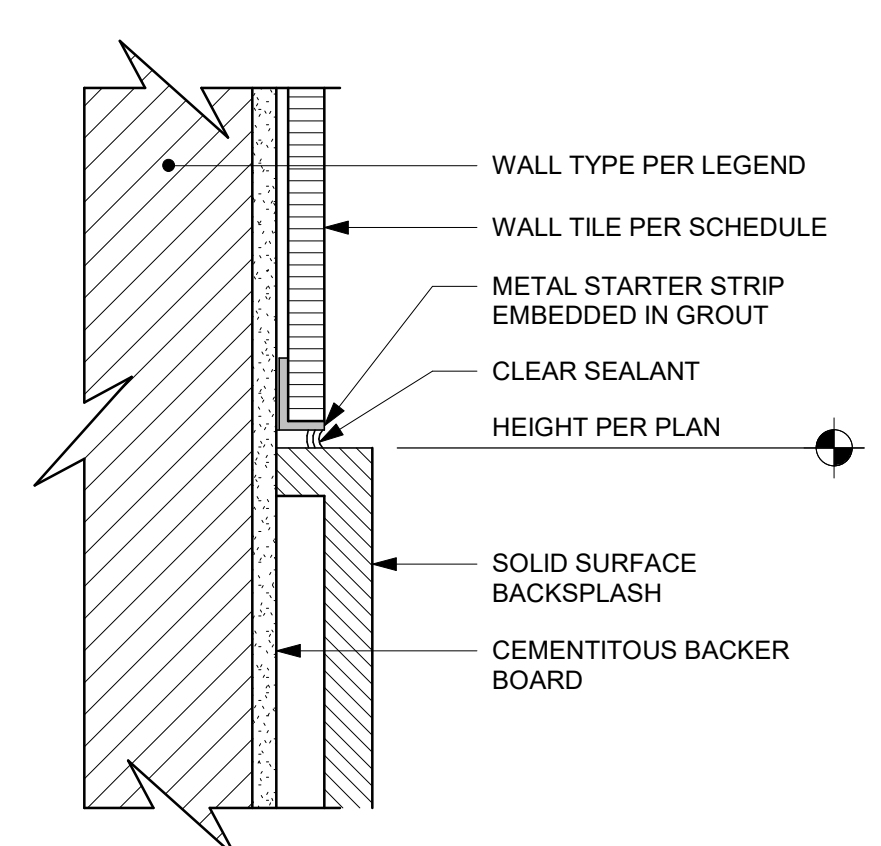
7 WALL SECTION AT FRONTBAR
Scale: 1" = 1'-0"



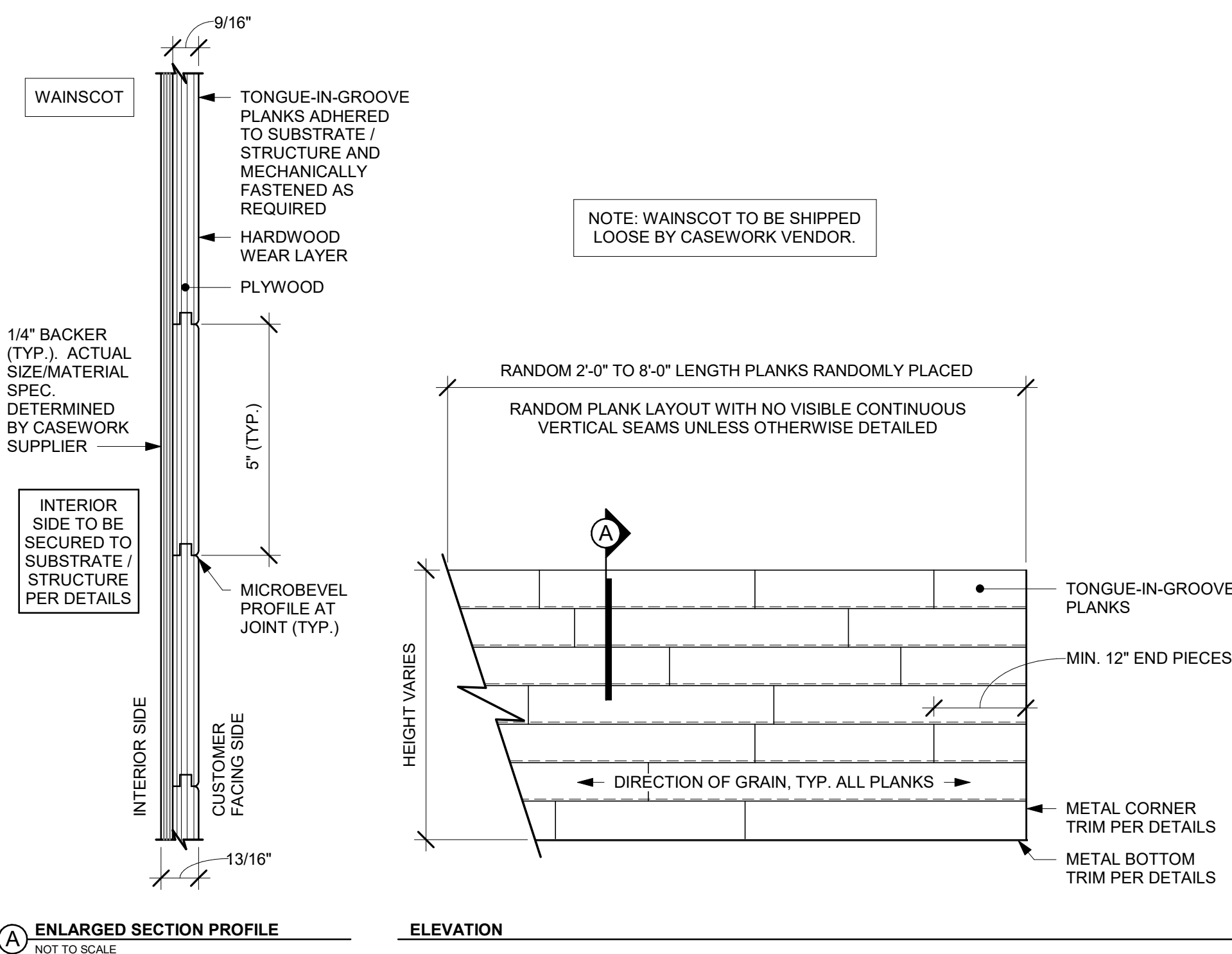
8 SCHLUTER "JOLLY" STRIP
Scale: 12" = 1'-0"



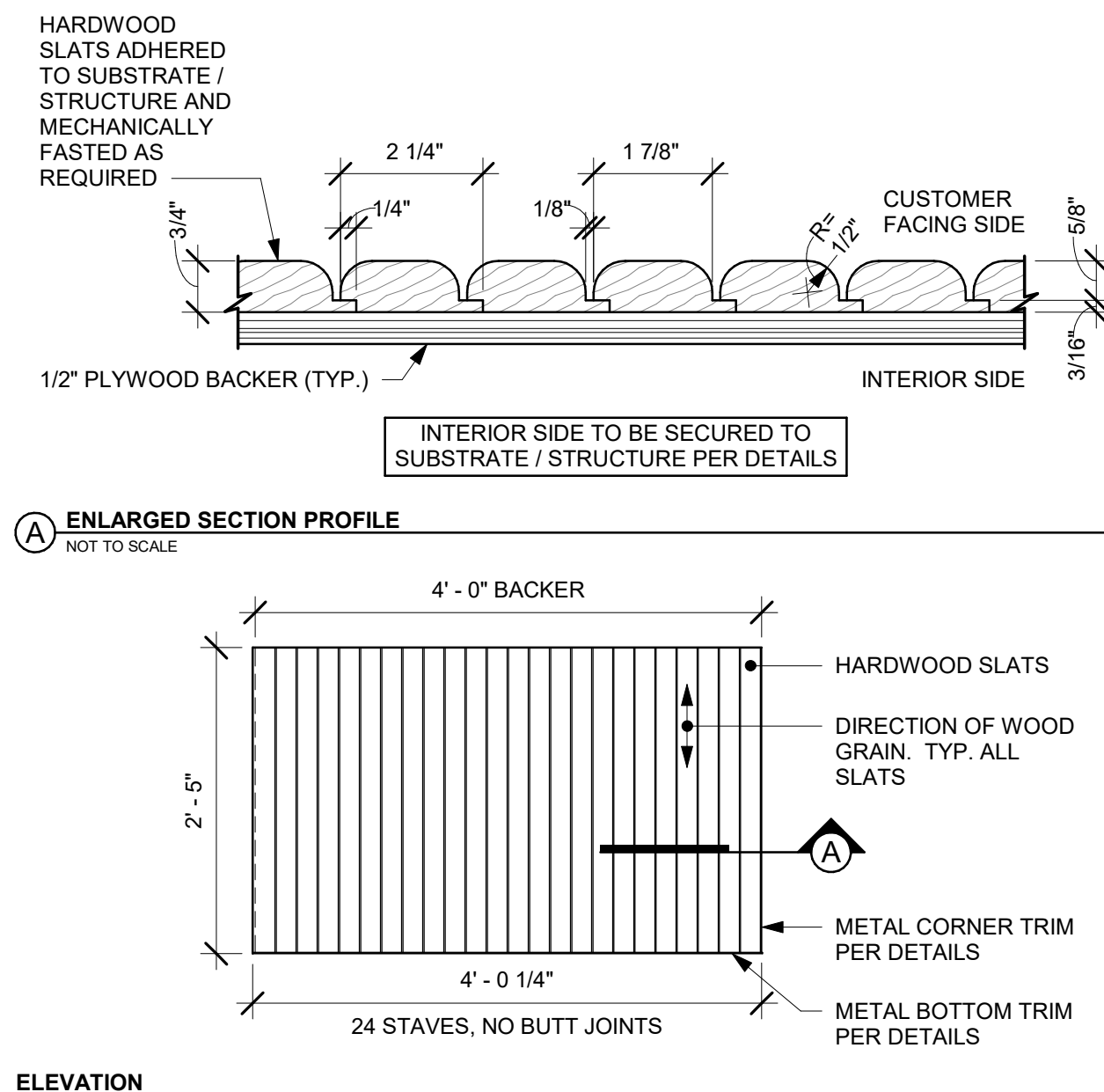
9 SST BACKSPLASH TO TILE TRANSITION
Scale: 6" = 1'-0"



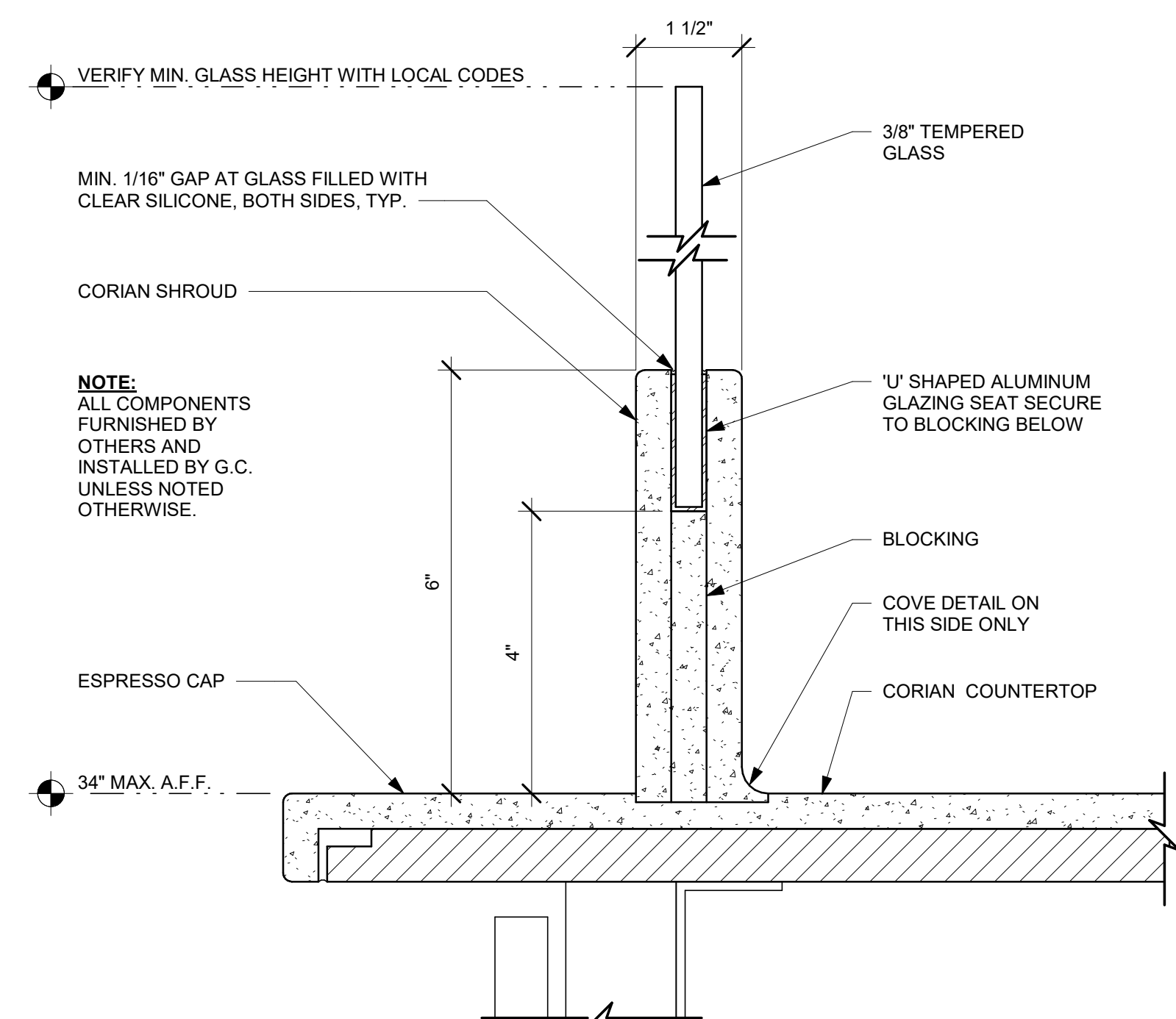
10 SS BACKSPLASH TO TILE TRANSITION
Scale: 6" = 1'-0"



11 FINISH APPLICATION (MAD 100-H) FIXED WIDTH WIDE PLANK
Scale: 3/4" = 1'-0"



12 FINISH APPLICATION (MAD 200-V) ROUNDED SLAT W/ REVEAL
Scale: 3/4" = 1'-0"



13 ESP SHROUD - CORIAN WITH SNEEZE GUARD
Scale: 6" = 1'-0"

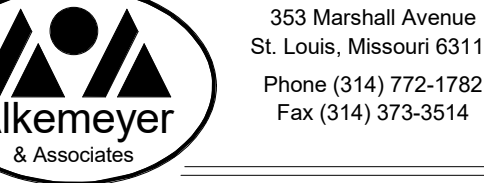


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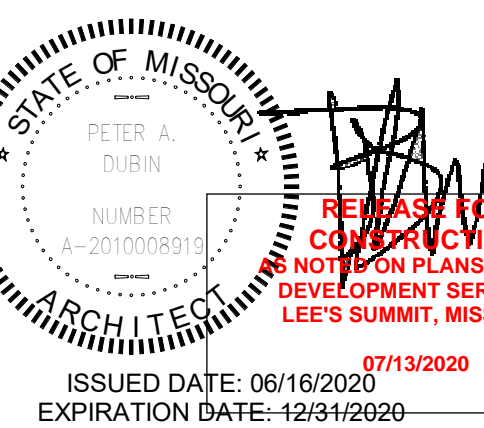
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STARBUCKS TEMPLATE VERSION i2020-01-31

NORR



Engineering Consultants
Mechanical - Electrical - Plumbing



REVISION 1 SET - ISSUED 07.07.2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

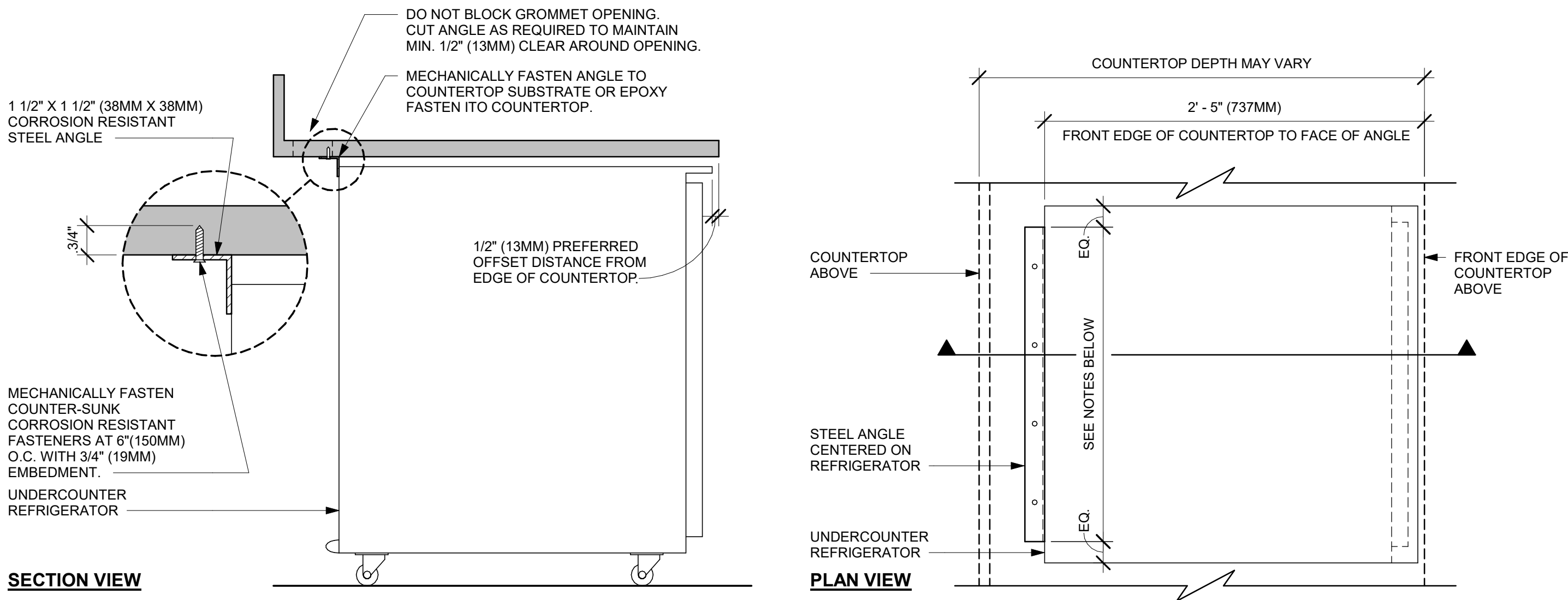
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
INTERIOR DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
1501

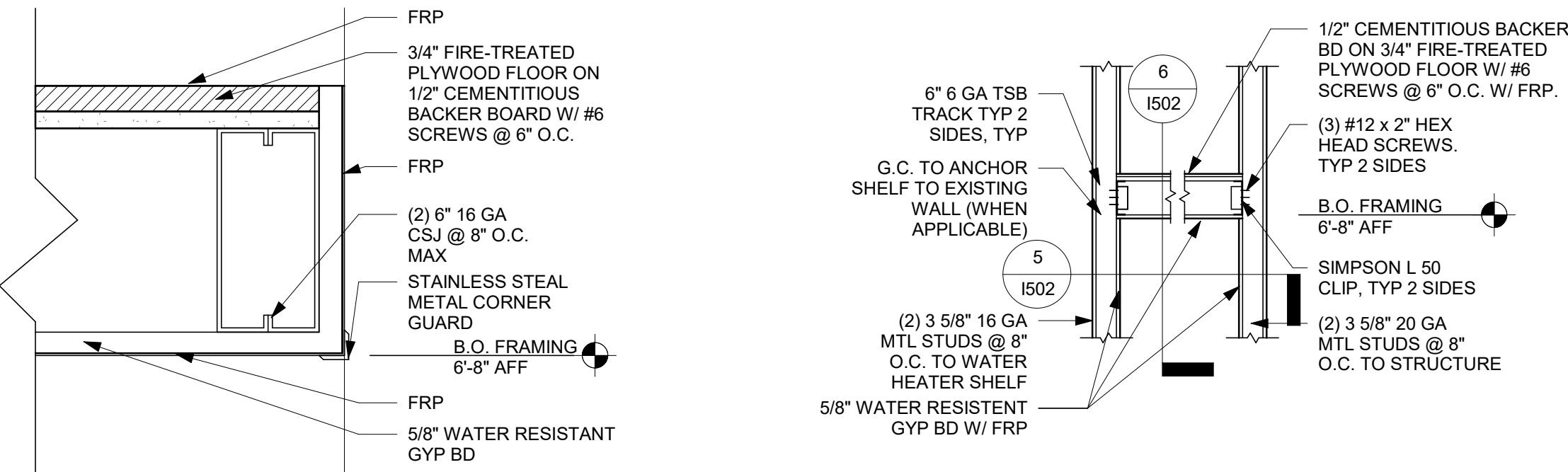
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- NOTES**
- 24" (610MM) 1 1/2" X 1 1/2" (38MM X 38MM) STEEL ANGLE TO BE USED WITH SINGLE DOOR REFRIGERATORS.
 - 48" (1220MM) 1 1/2" X 1 1/2" (38MM X 38MM) STEEL ANGLE TO BE USED WITH DOUBLE DOOR REFRIGERATORS.

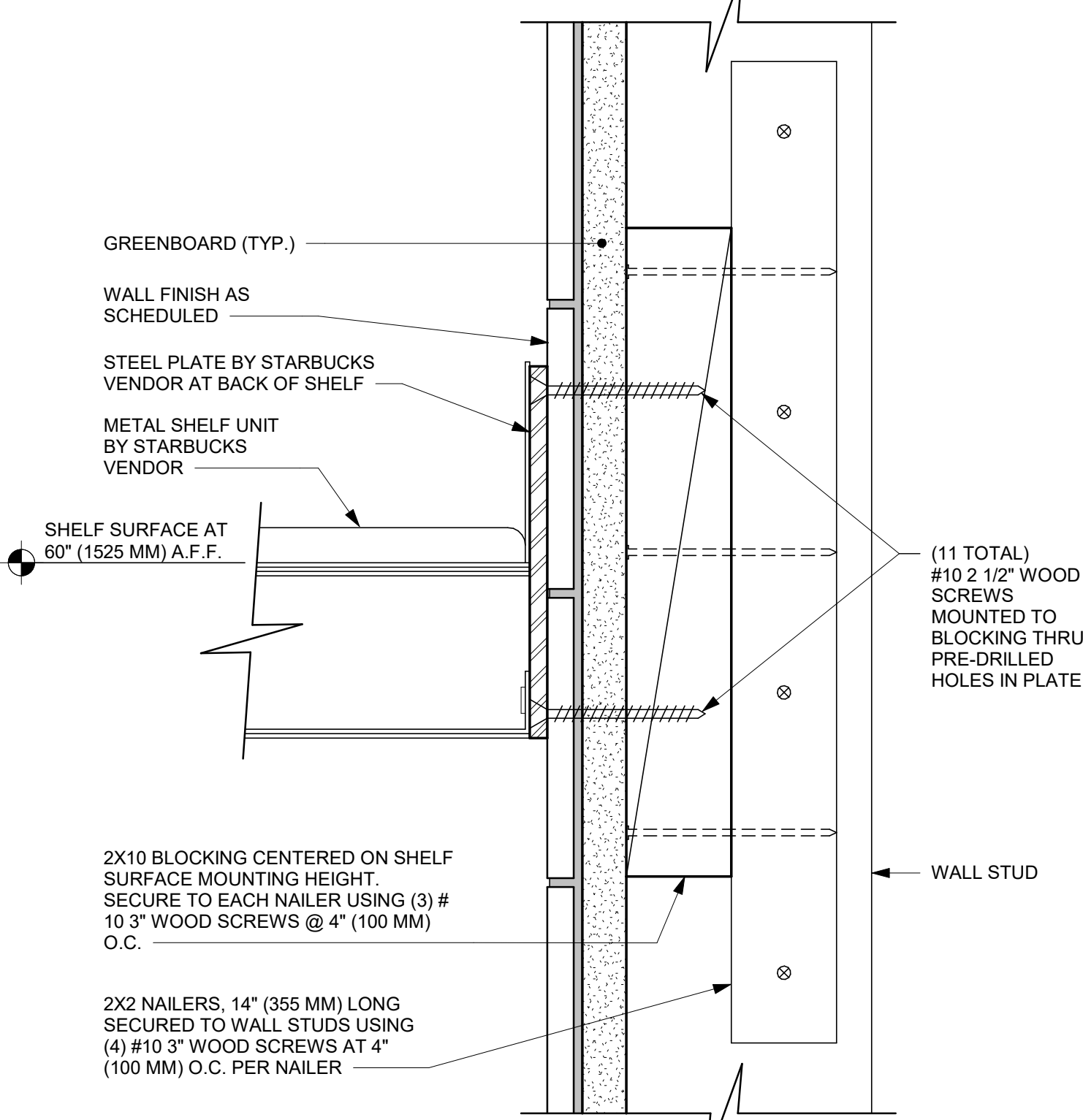
1 UNDERCOUNTER REFRIGERATOR STOP INSTALLATION

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



3 WATER HEATER SHELF EDGE

Scale: 3" = 1'-0"

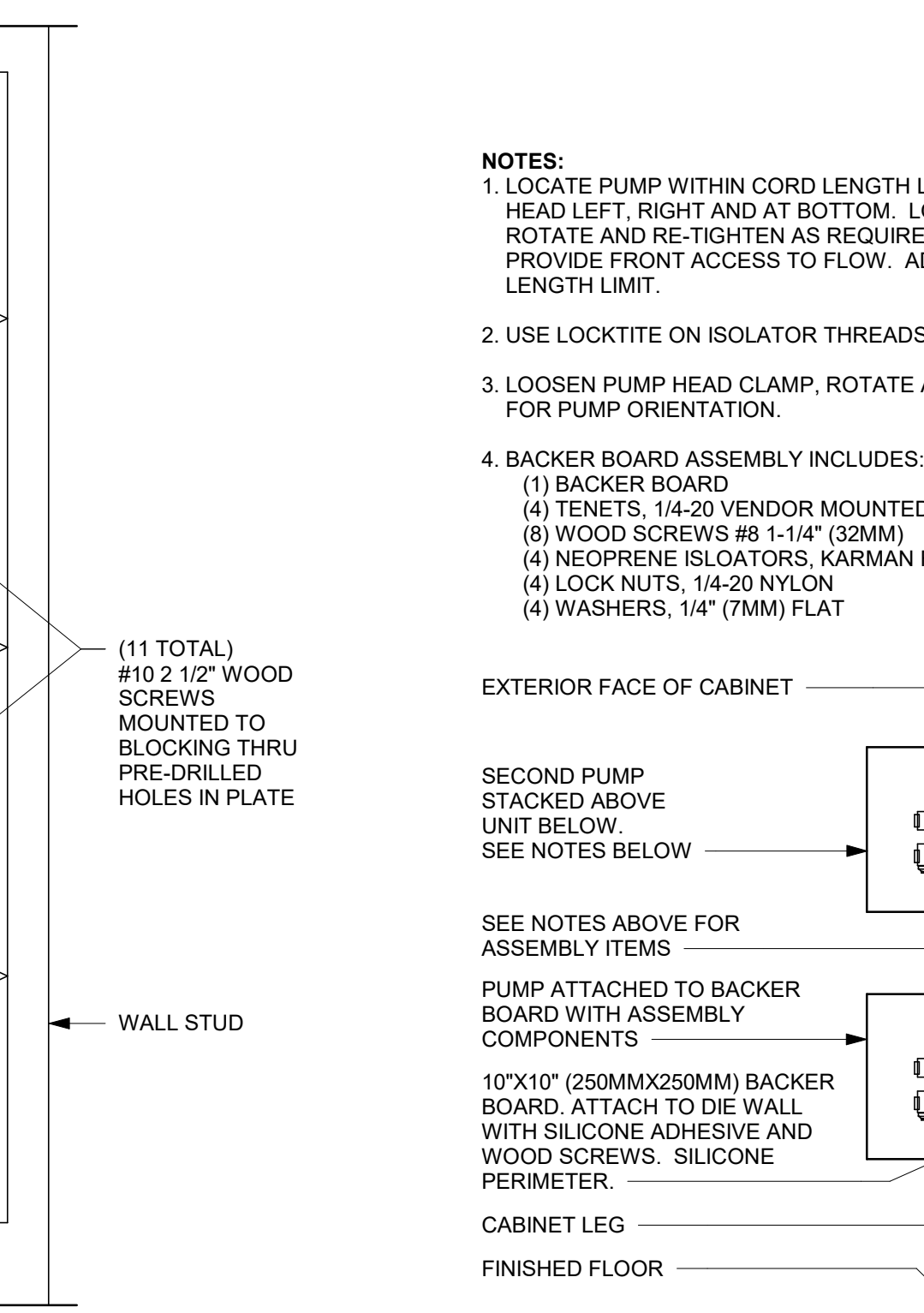


7 METAL TEA SHELF WALL ATTACHMENT

Scale: 6" = 1'-0"

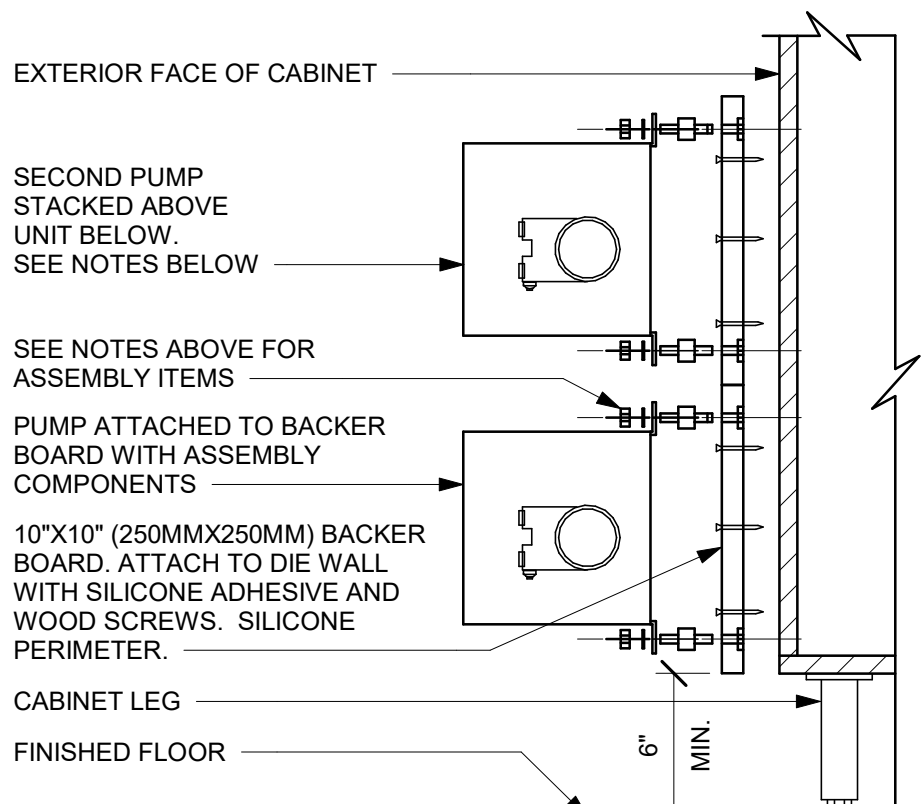
4 WATER HEATER SHELF ELEVATION

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



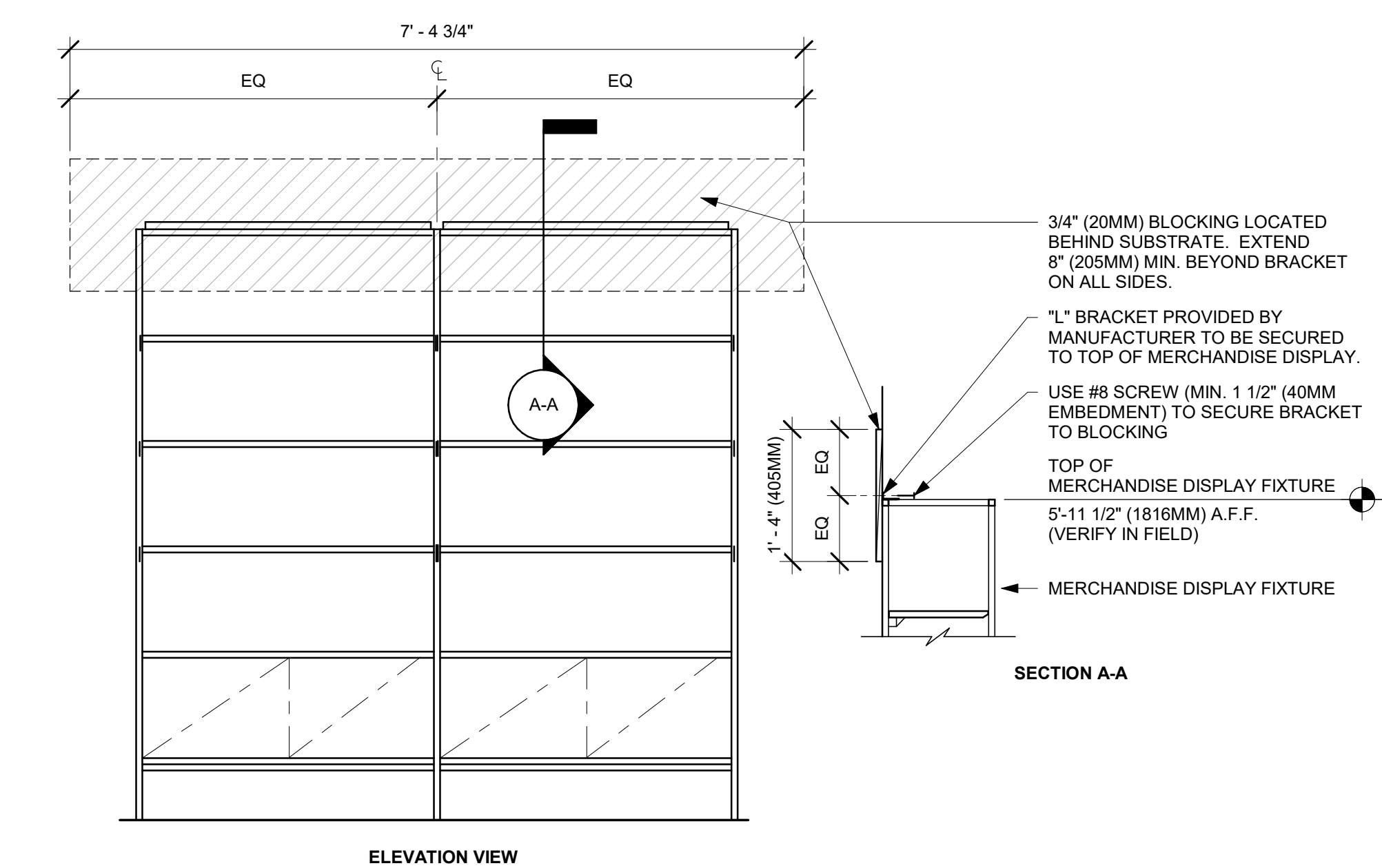
NOTES:

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



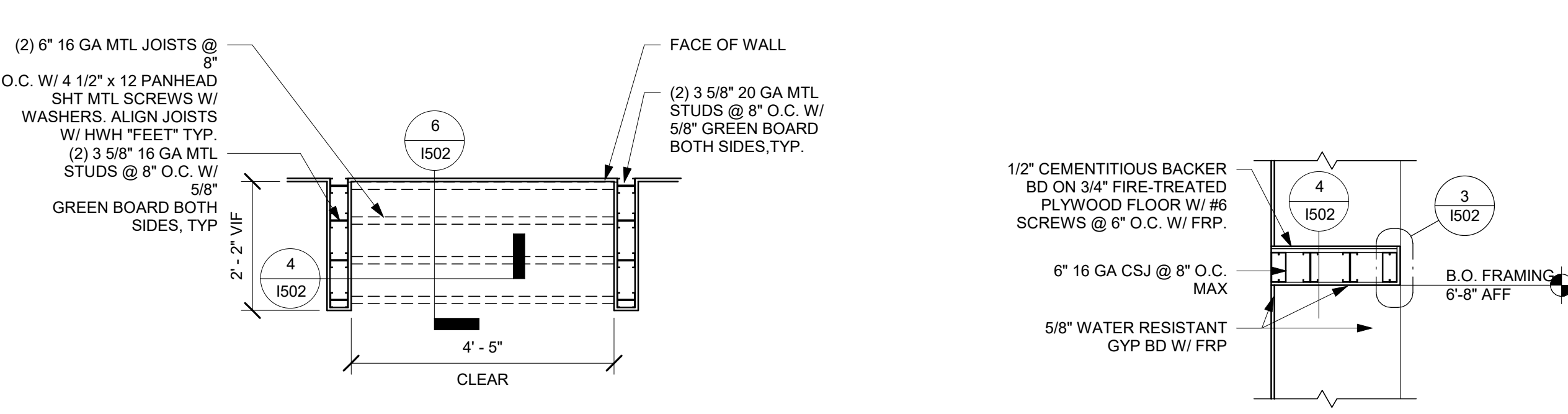
8 ESPRESSO PUMP MOUNTED AT CABINET

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



2 MERCHANDISE DISPLAY FIXTURE WALL ATTACHMENT

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



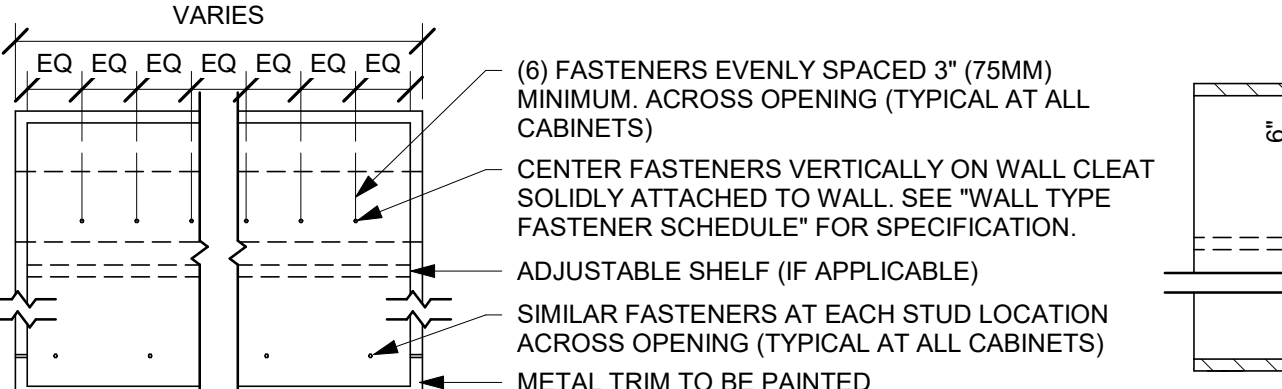
5 WATER HEATER SHELF PLAN

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

6 WATER HEATER SHELF SECTION

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

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

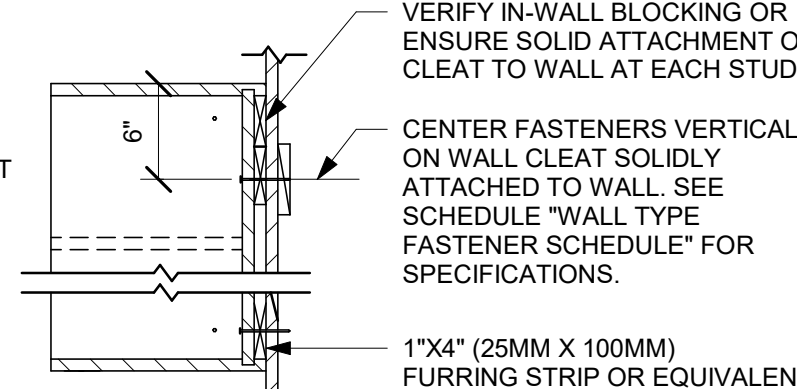


9 UPPER CABINET ATTACHMENT


Scale: 1" = 1'-0"

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

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



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Phone (314) 772-1782
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Alkemeyer & Associates
Engineering Consultants
Mechanical - Electrical - Plumbing

STATE OF MISSOURI
PETER A. DUBIN
NUMBER A-2010089310
ARCHITECT
ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

PROJECT NAME:
BUILDOUT OF STARBUCKS COFFEE - NW PRYOR RD & CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:
INTERIOR DETAILS

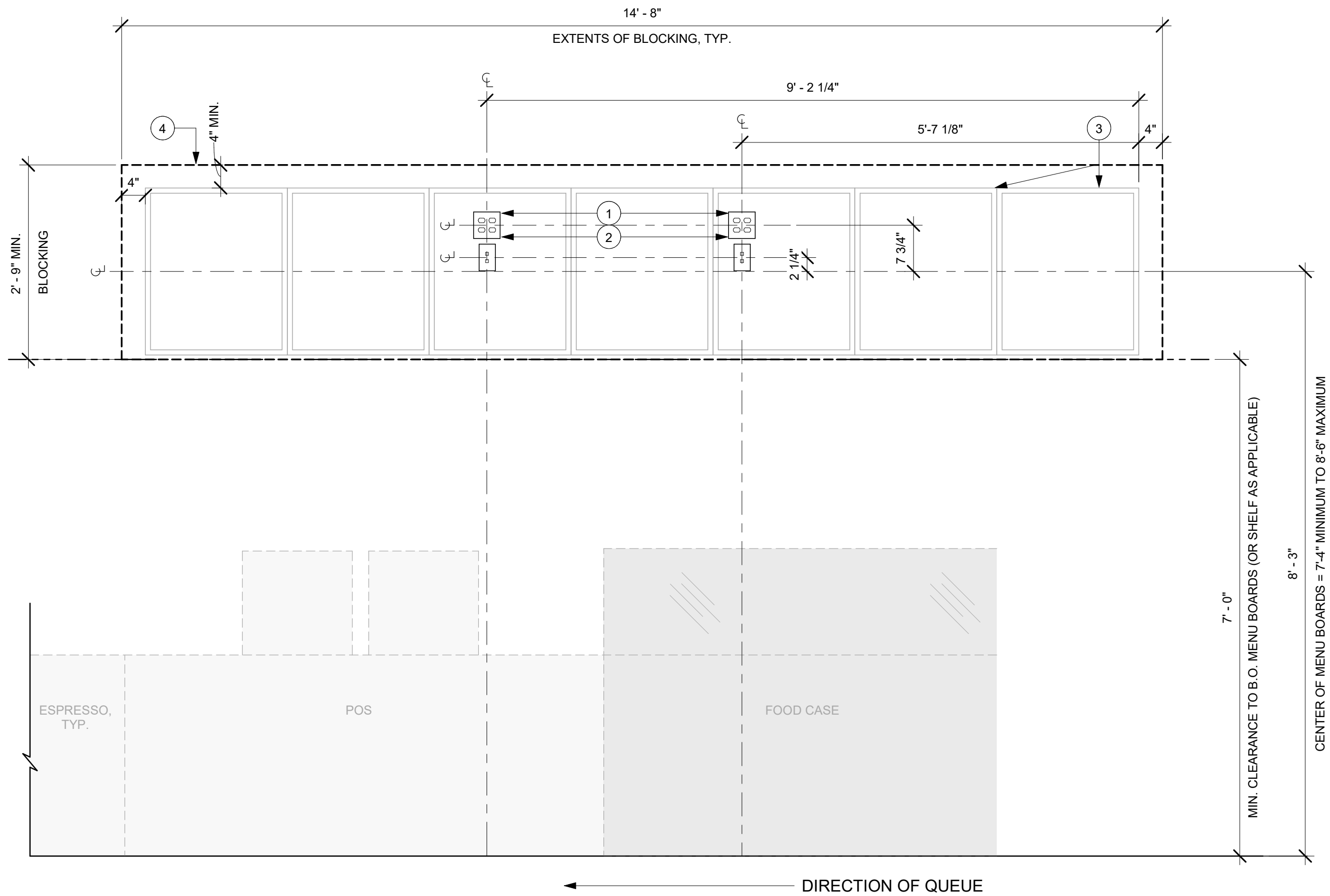
SCALE: AS SHOWN

SHEET NUMBER:
1502

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INFRASTRUCTURE

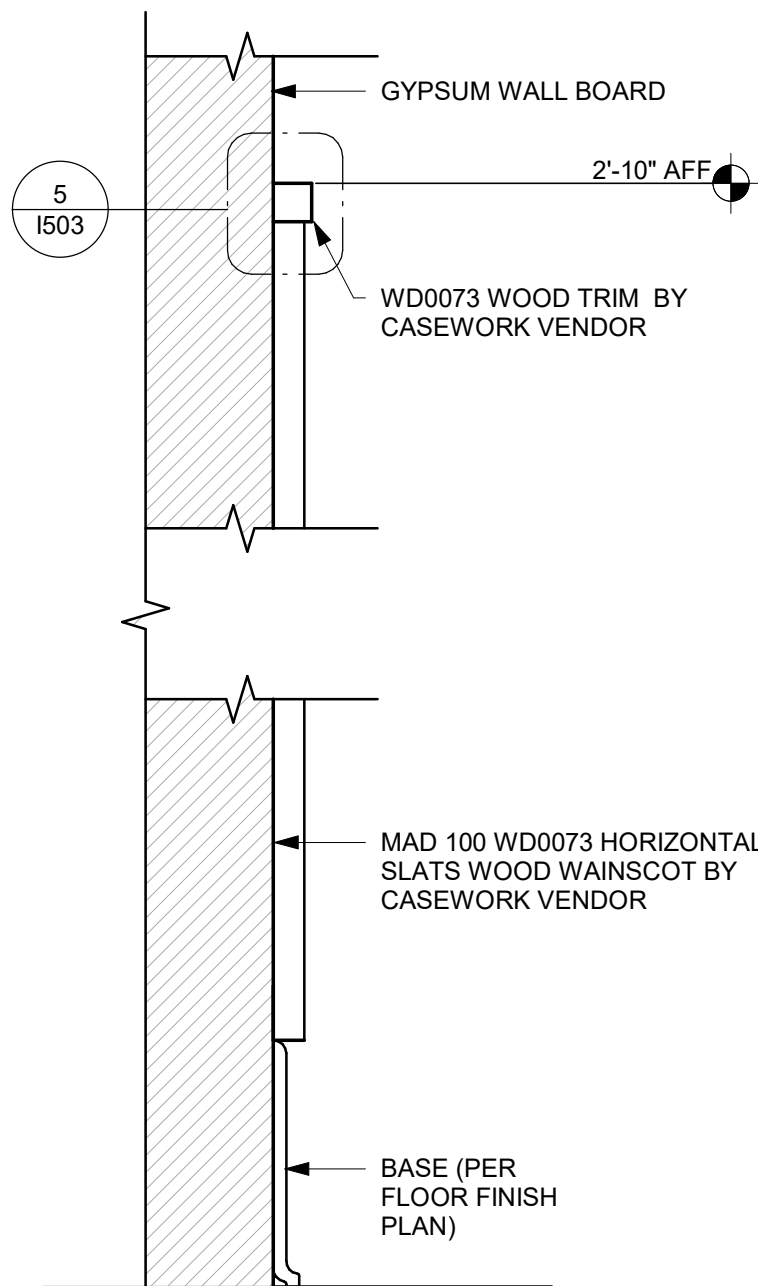
- (2) QUAD OUTLETS ①
- (2) DUAL DATA PORTS ②
- MENU BOARD FRAME/BACKET ③
- 3/4" PLYWOOD BLOCKING SECURED TO STRUCTURE; TO EXTEND A MINIMUM OF 4IN PAST EDGE OF MENU BOARDS. ④



DIGITAL MENU BOARDS INFRASTRUCTURE PLACEMENT DIAGRAM_REVERSE

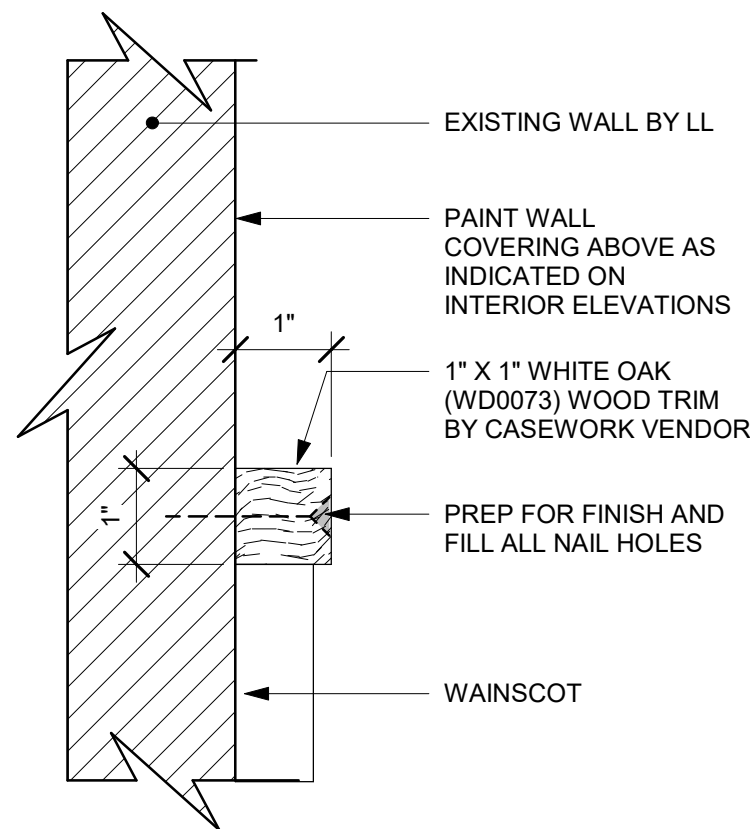
① QUEUE

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



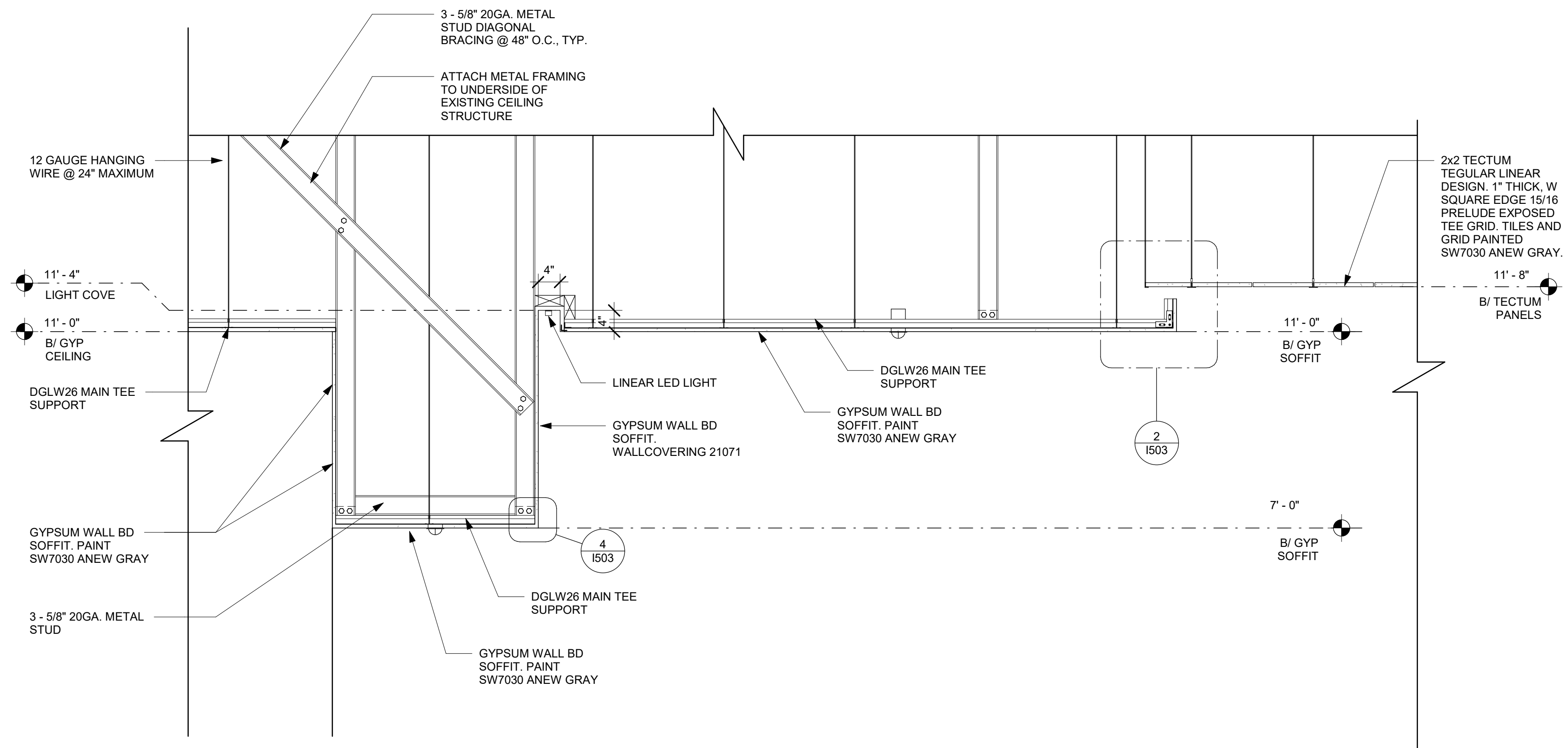
③ WAINSCOT DETAIL

Scale: 1 : 5



⑤ WALL/WOOD TRANSITION

Scale: 6" = 1'-0"

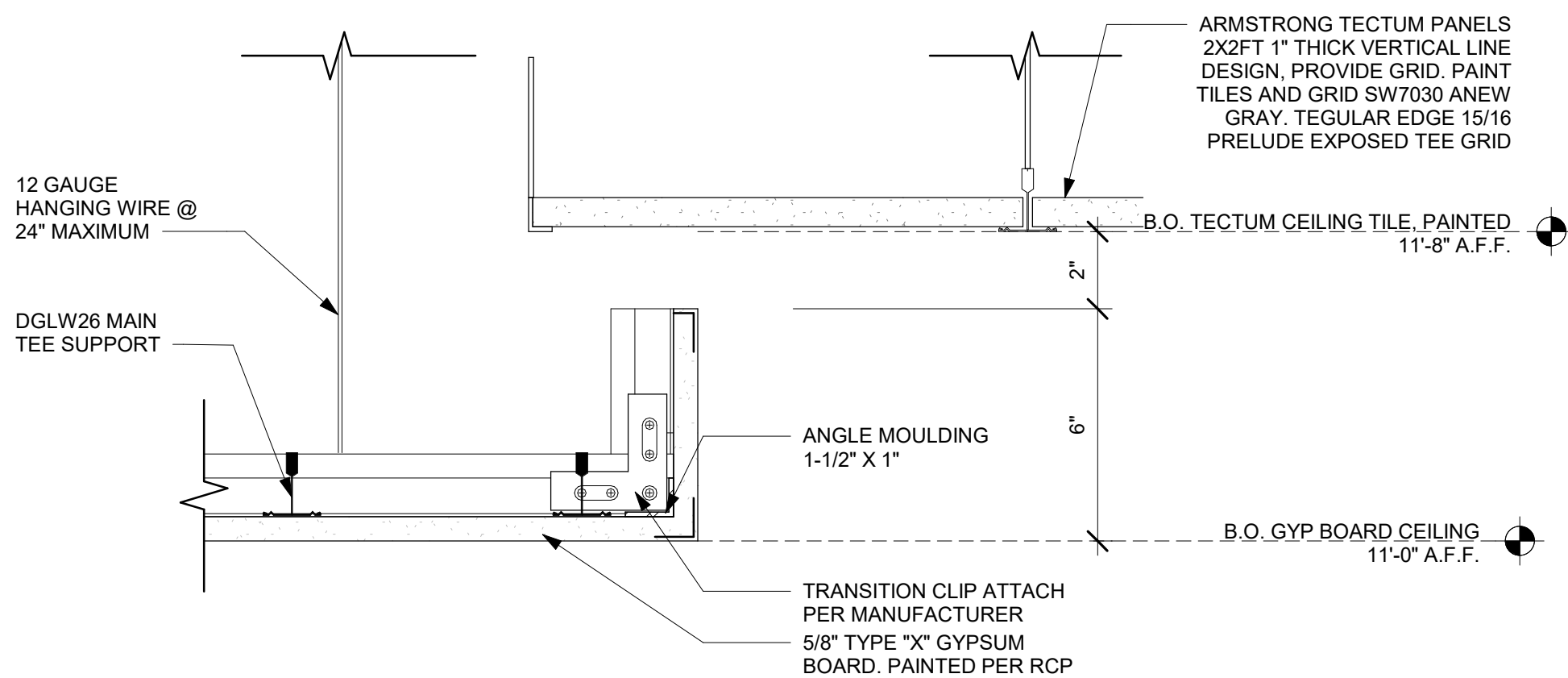


⑥ SOFFIT DETAIL

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

④ FRY REGLET @ BACKBAR SOFFIT

Scale: 12" = 1'-0"



② GYP CEILING FRAMING - SECTION DETAIL

Scale: 3" = 1'-0"



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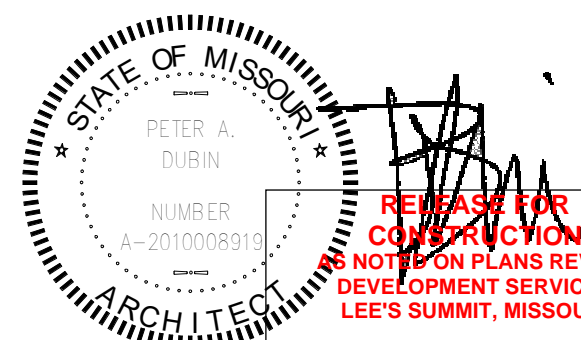
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Phone (314) 772-1782
Fax (314) 373-3514

Engineering Consultants
Mechanical - Electrical - Plumbing



ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

REVISION 1 SET - ISSUED 07.07.2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
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2050 NW LOWENSTEIN DR.
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JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

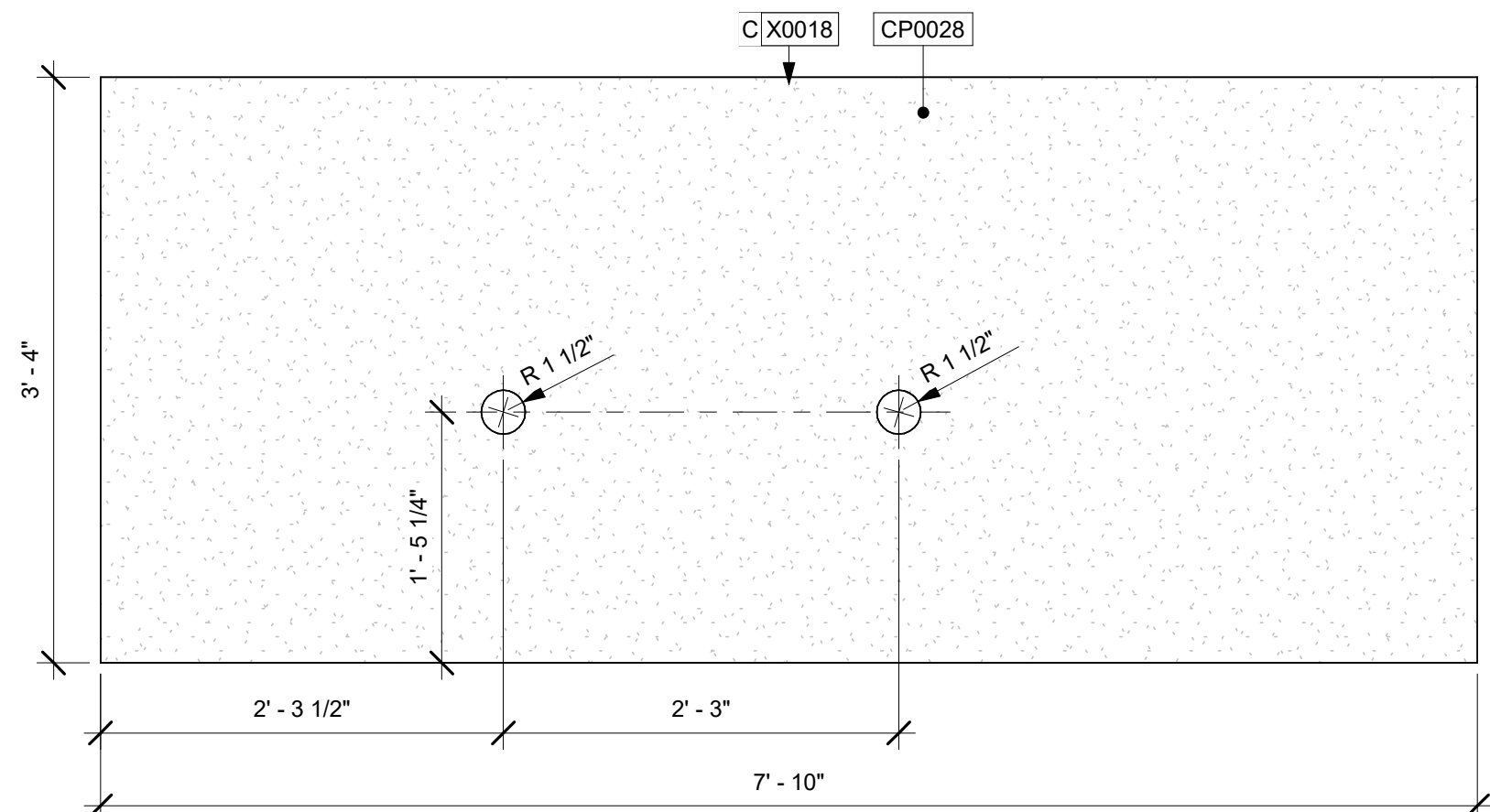
Revision Schedule			
Rev	Date	By	Description

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INTERIOR DETAILS

SCALE: AS SHOWN

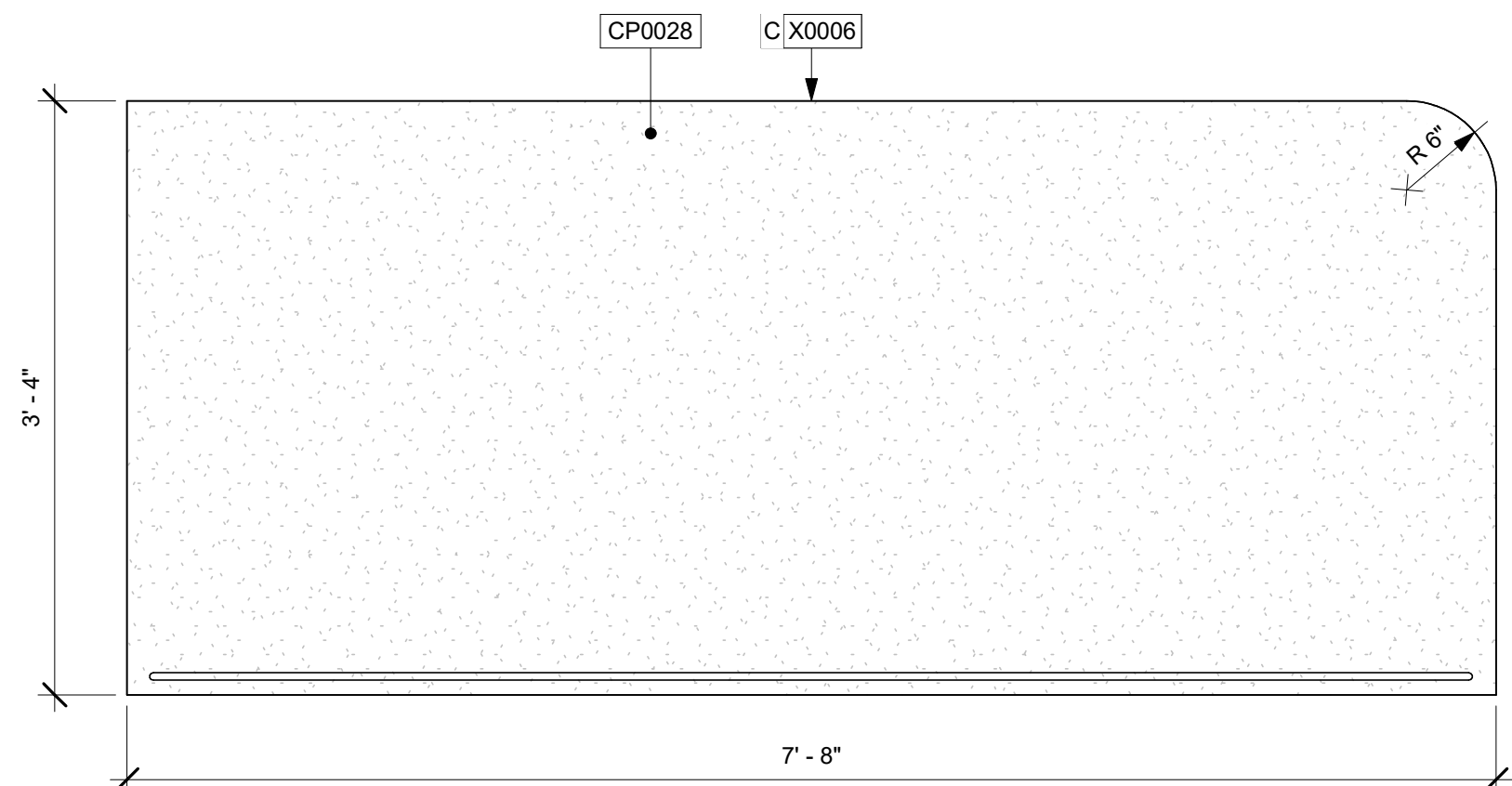
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I503

7/7/2020 9:37:55 AM \\CHINAS01\Chicago\Norri\Projects\Restaurant\Starbucks\NICH19-0401 - Starbucks - Pryor Rd. and Chipman\500-Deiv\BIM\01-wip_Models\MO_NW Pryor Rd & Chipman-Revision 1.rvt



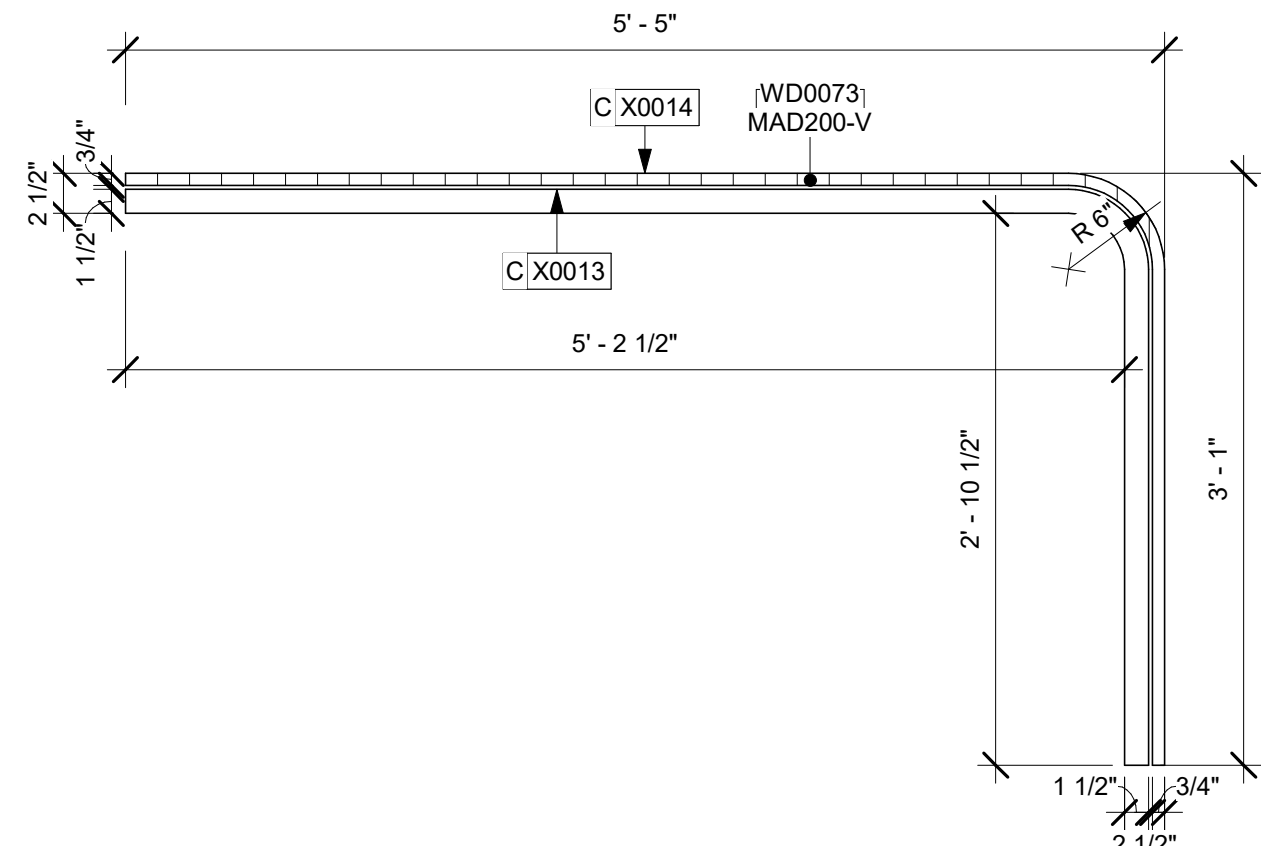
1 POS COUNTER - X0018

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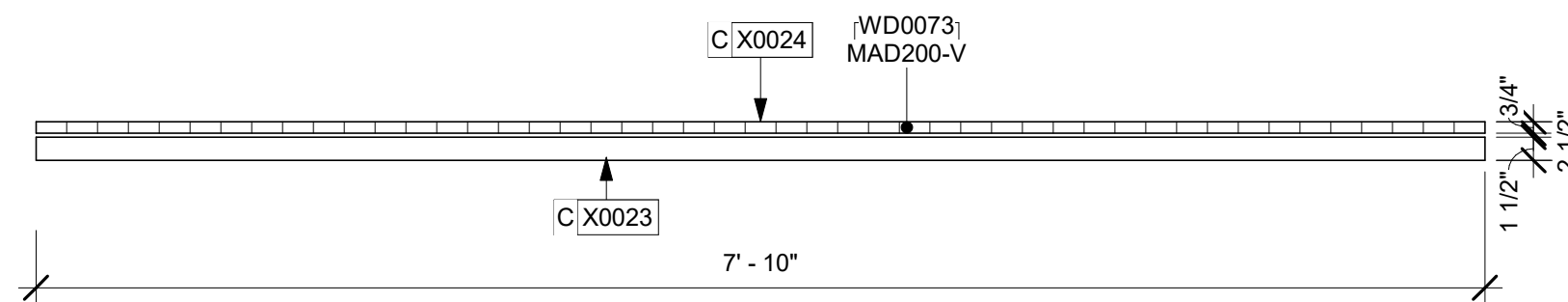
2 MOP COUNTER - X0006

Scale: 1" = 1'-0"



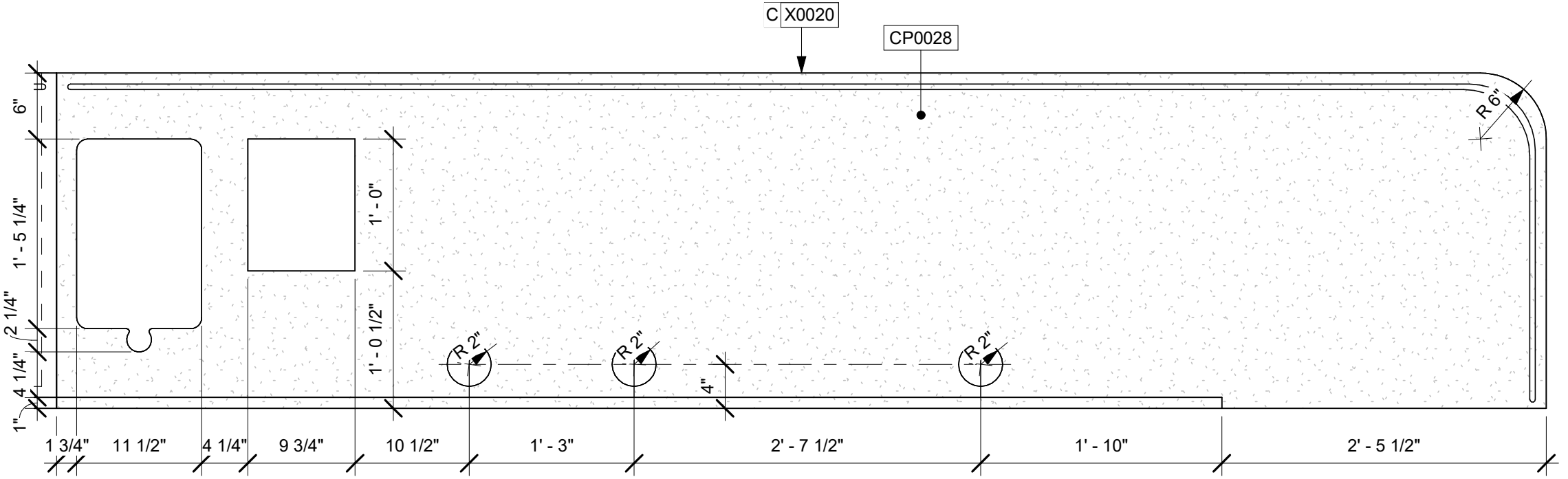
3 MOP DIEWALL & PANEL - X0013/14

Scale: 1" = 1'-0"



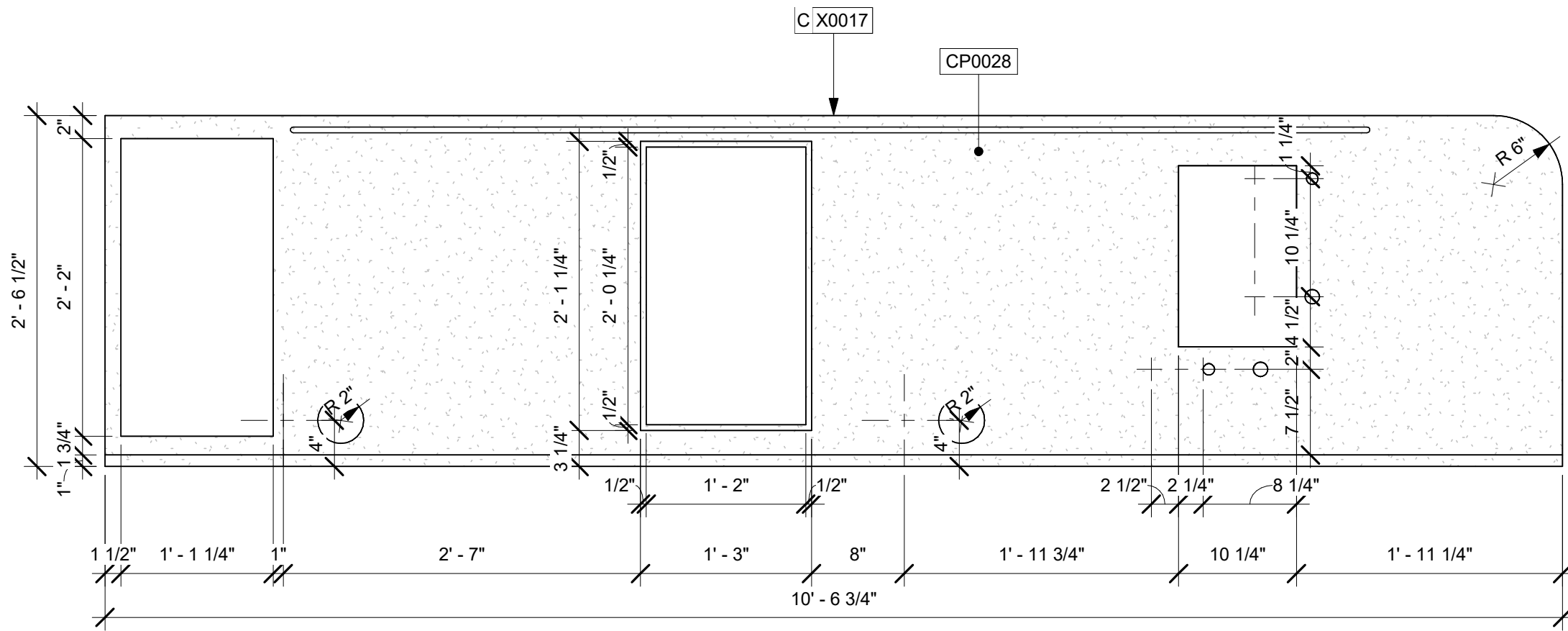
4 POS DIEWALL & PANEL - X0023/24

Scale: 1" = 1'-0"



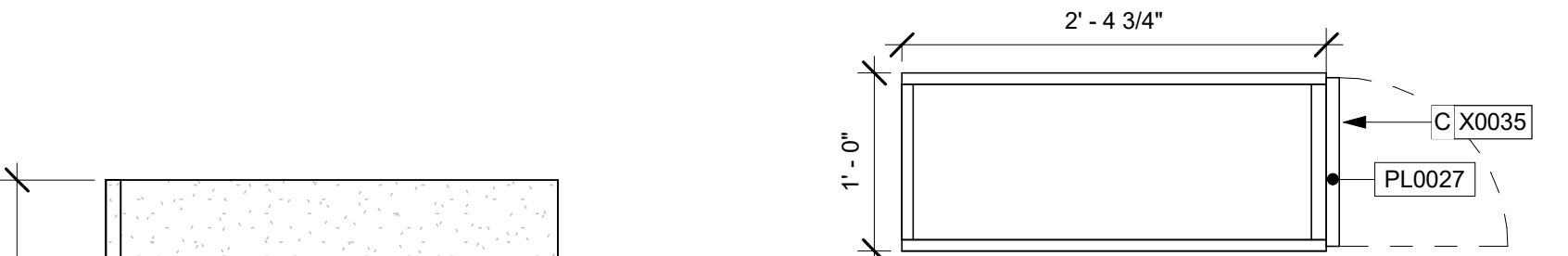
5 BREW COUNTER - X0020

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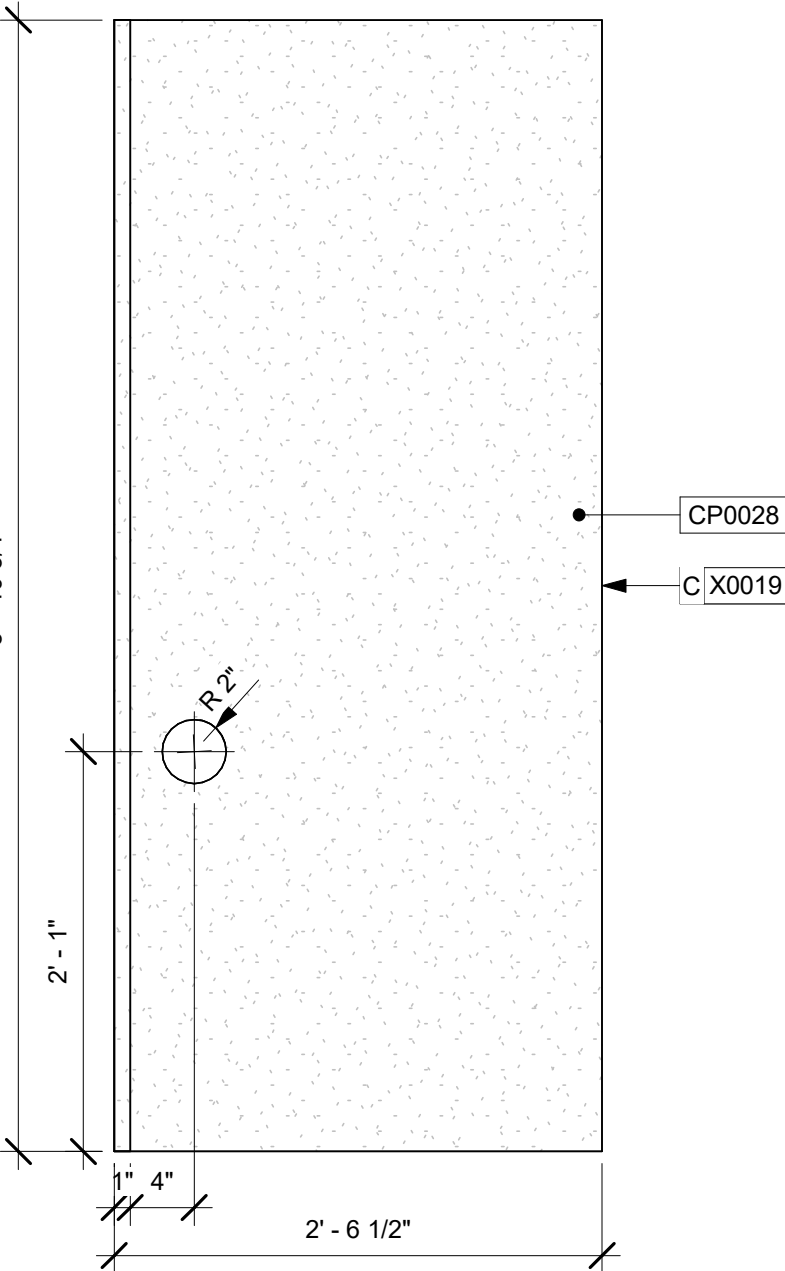
6 CBE COUNTER - X0017

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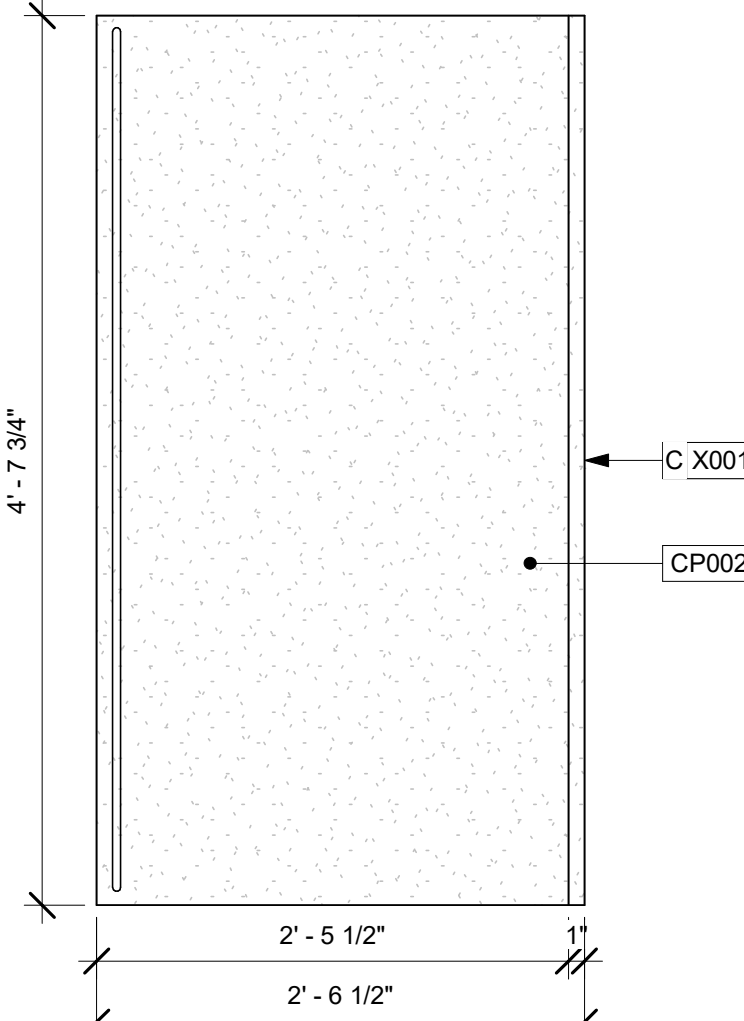
8 DT POS 12IN CABINET - X0035

Scale: 1" = 1'-0"



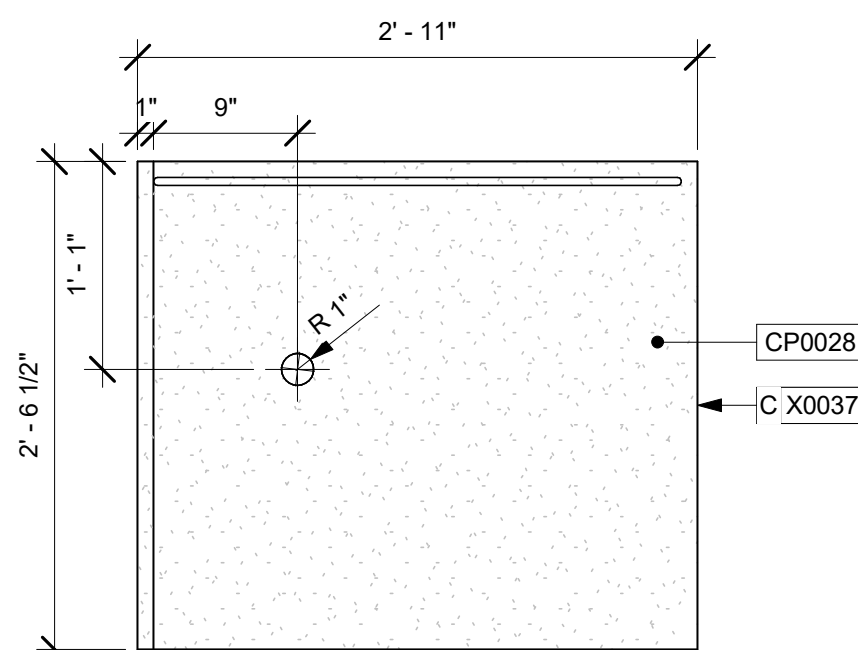
7 DT POS COUNTERTOP - X0019

Scale: 1" = 1'-0"



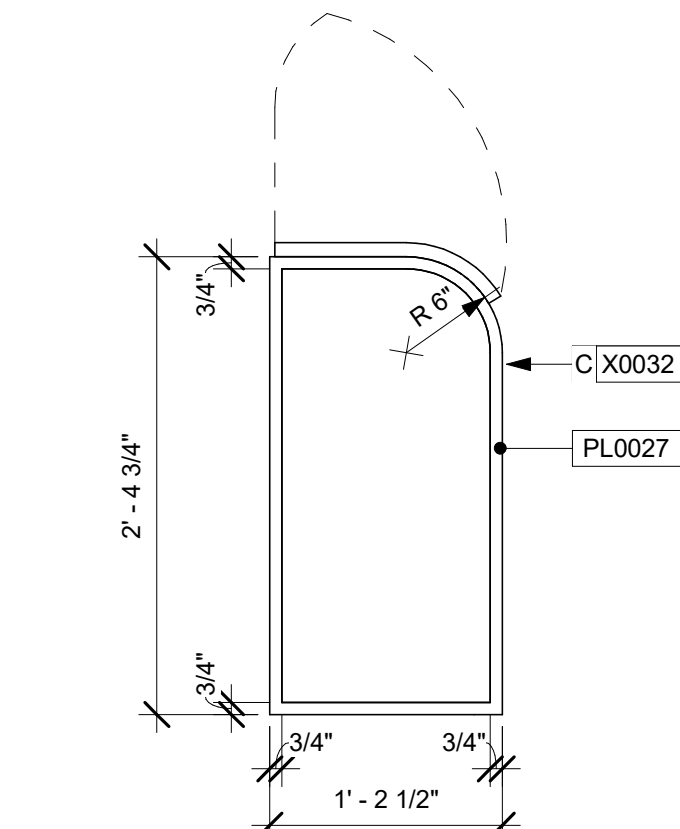
11 DT COUNTER - X0015

Scale: 1" = 1'-0"



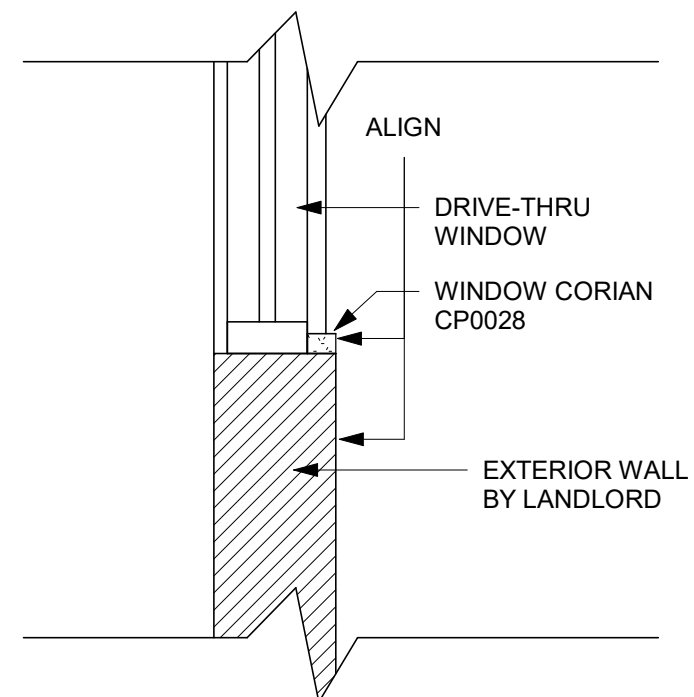
12 NITRO COUNTER - X0032

Scale: 1" = 1'-0"



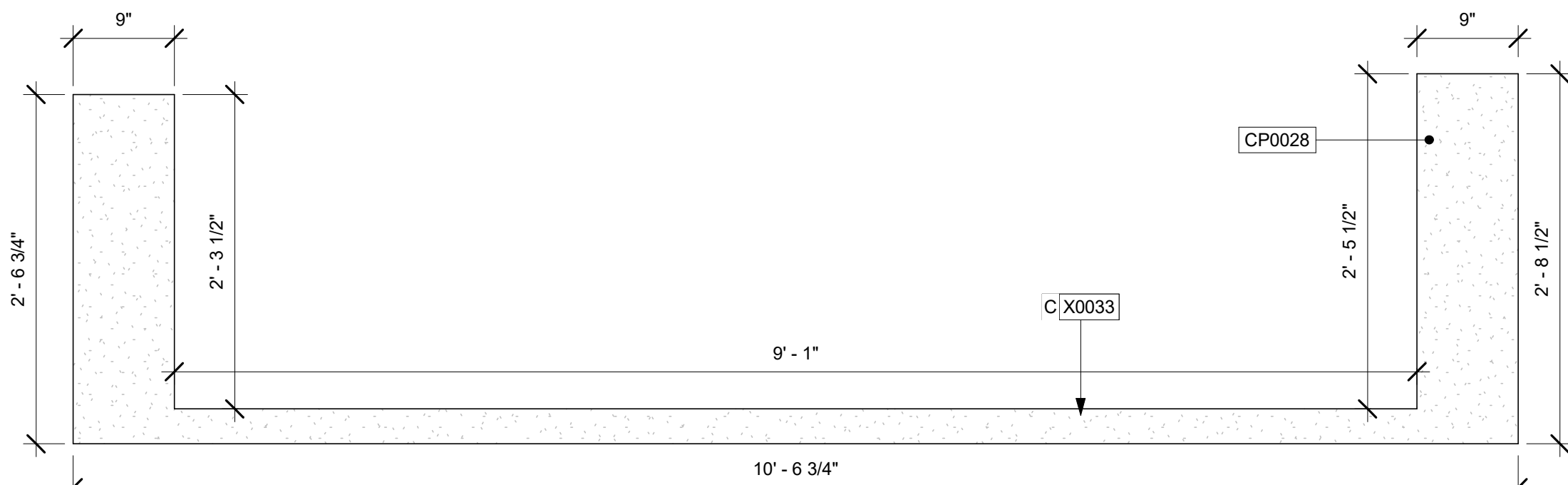
9 CBE CUSTOM CABINET - X0032

Scale: 1" = 1'-0"



10 CORIAN WINDOW SILL

Scale: 1" = 1'-0"



13 DT CORIAN SILL X0033

Scale: 1" = 1'-0"



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Mechanical - Electrical - Plumbing



ISSUED DATE: 06/16/2020
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RELEASER FOR
CONSTRUCTION
NOT FOR PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

07/13/2020

REVISION 1 SET - ISSUED 07.07.2020

PROJECT NAME:

**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

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2050 NW LOWENSTEIN DR.
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JACKSON COUNTY**

STORE #:

62012

PROJECT #:

87799-001

ISSUE DATE:

07-07-2020

SR. DESIGN MANAGER:

K. GORIN SLONSKI

PRODUCTION DESIGNER:

A. HAHN

CHECKED BY:

NORR

Revision Schedule

Rev	Date	By	Description

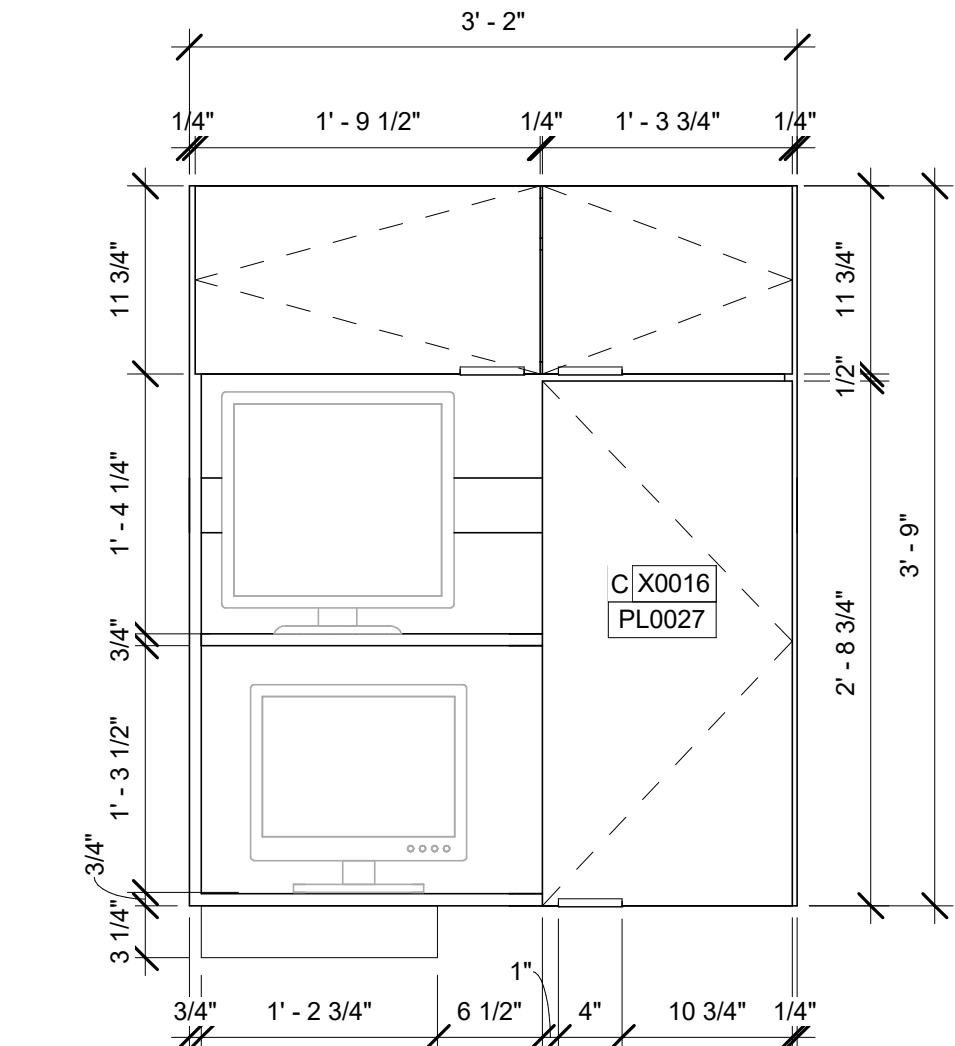
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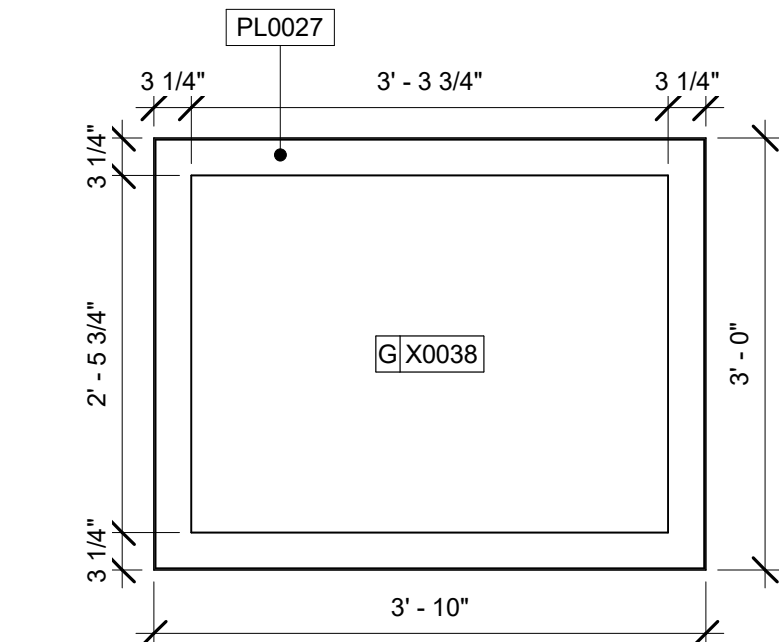
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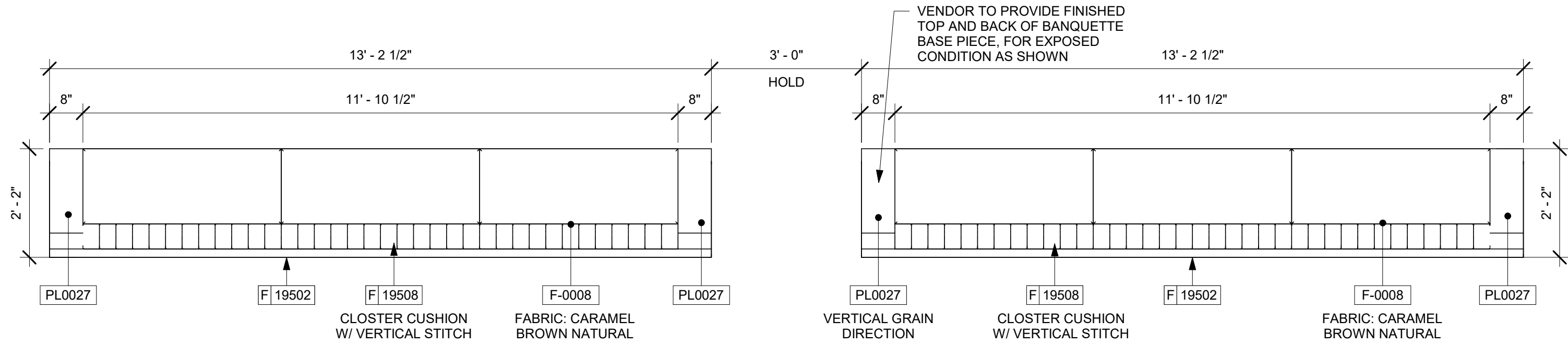
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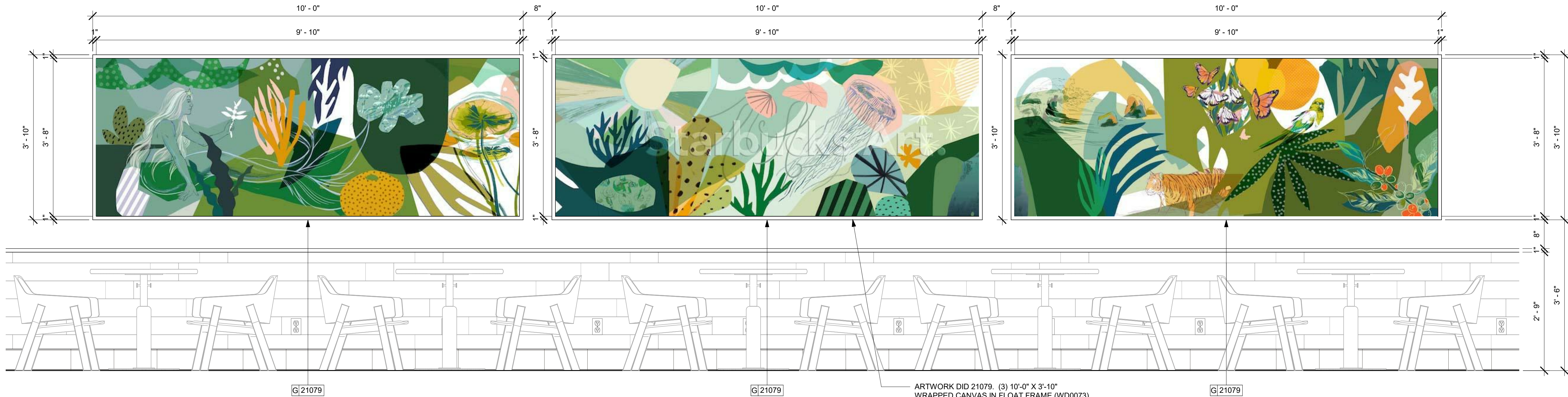
1 DT POS CUBBY - X0016
Scale: 1" = 1'-0"



2 COMMUNITY BOARD
Scale: 3/4" = 1'-0"



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



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



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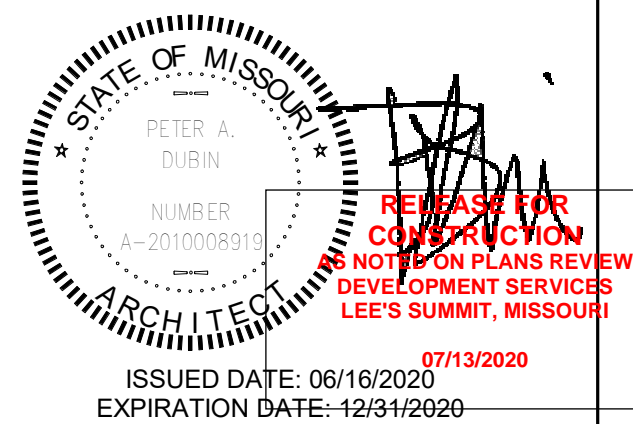
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Revision Schedule			
Rev	Date	By	Description

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	PROVIDE 8" SEAT SIDES FINISHED AND BACK FINISHED PER DETAIL. (2) TOTAL LENGTH: 13'-2 1/2", REFER TO DETAIL
19508	2	BANQUETTE - CLOSTER CUSHION VERTICAL STITCH - CARAMEL BROWN NATURAL F0008	SB	GC	(2) LENGTH: 13' - 2 1/2" VIF, REFER TO DETAIL
CHAIR					
17852	20	CHAIR - CAFE ANGLED BACK WITH WOVEN SEAT - BLACK AND BROWN ROPE MT0028 F0194	SB	GC	
18803	10	CHAIR - LOUNGE CLUTCH - WHITE OAK AND CHARCOAL GREY NATURAL WD0073 F0188	SB	GC	
20087	6	CHAIR - LOUNGE PYRAMID - BLACK AND BROWN ROPE MT0028 F0194	SB	GC	
20088	2	CHAIR - LOUNGE CLAUDIA - COAL WOOL F0221	SB	GC	
21206	14	CHAIR - CAFE NOMI UPHOLSTERED - CHARCOAL GREY NATURAL F0188	SB	GC	
DESK					
10123	1	DESK - MANAGERS WORKSTATION - 60X30X30IN 1525X760X760MM	SB	GC	
10605	1	DESK - MANAGERS WORKSTATION KEYBOARD TRAY	SB	GC	
16505	1	DESK - MANAGERS WORKSTATION SHELVES - 36IN 915MM	SB	GC	
MIRROR					
10093	2	MIRROR - RESTROOM - 18X30IN 455X760MM	SB	GC	
OTHER					
10756	2	COAT HOOK 1 PRONG SQUARE - 2IN 50MM - SST	SB	GC	
10820	1	COAT HOOK STRIP - 46IN 1170MM	SB	GC	
OTTOMAN					
21282	2	OTTOMAN - STOUT - WHITE OAK AND CARAMEL BROWN NATURAL WD0073 F0008	SB	GC	
PLANTER					
21047	1	PLANTER - DUO LARGE - FLAT BLACK MT0028	SB	GC	
21053	1	PLANTER - DUO STAND - FLAT BLACK MT0028	SB	GC	
X0029	1	PLANTS - INDOOR	GC	GC	GC TO ORDER & INSTALL PLANT. ARECA PALM DYPsis LUTESCENS (LOW MAINTENANCE).
TABLE					
17340	8	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	8	TABLE - TOP SQUARE - 24IN 610MM - WHITE OAK WD0073	SB	GC	
18062	5	TABLE - TOP ROUND - 30IN 760MM - WHITE OAK WD0073	SB	GC	
18467	2	TABLE - TOP ACCESSIBLE OBLONG - 24X48IN 610X1220MM - WHITE OAK WD0073	SB	GC	
18468	4	TABLE - BASE CAFE T LEG - HOT ROLLED STEEL MT0011	SB	GC	
18729	13	TABLE - BASE CAFE HEIGHT APOLLO - HOT ROLLED STEEL MT0011	SB	GC	
19306	1	TABLE - TOP ROUND - 18IN 455MM - WHITE OAK WD0073	SB	GC	
19718	1	TABLE - BASE OCCASIONAL SIDE ESSENTIAL - FLAT BLACK MT0028	SB	GC	
20125	3	TABLE - OCCASIONAL COFFEE CAMERON - OYSTER WHITE MT0045	SB	GC	
20545	1	TABLE - OCCASIONAL COCKTAIL STUDY - FLAT BLACK MT0028	SB	GC	
WINDOW TREATMENT					
12716	4	ROLLER SHADE - CHARCOAL TRANSLUCENT F0049 - 5PC OPEN	SB	GC	VERIFY DIMENSIONS IN FIELD

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	INCLUDED AS PART OF DT WINDOW PACKAGE. READY ACCESS AA300-275 PASS THRU AIR CURTAIN SYSTEM. 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 ELECTRICAL POWER.
HVAC					
10317	19	HVAC - VAV SUPPLY 4 WAY SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
11163	6	HVAC - RETURN LAY IN SQUARE - 24IN 610MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
11165	3	HVAC - RETURN CHANNEL FRAME SQUARE - 10IN 255MM	GC	GC	SEE MECHANICAL SCHEDULES. PAINT TO MATCH ASSOCIATED CEILING COLOR.
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC	
X0028	3	ACCESS PANELS	GC	GC	BAUCO PLUS3 III SINGLE LEAF CEILING ACCESS PANEL. TOUCH LATCH. CONCEALED HARDWARE. CONTACT: 250.592.0033 / INFO@ACCESSPANELSOLUTIONS.COM FINISH TO MATCH HOST CEILING

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	5	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	SB	GC	
10970	1	FRIDGE REACH IN 1 DOOR LH - 29IN 735MM	SB	GC	
11083	2	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	SB	GC	
12618	2	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB	GC	
13676	1	FREEZER REACH IN 1 DOOR RH - 27IN 685MM	SB	GC	
13682	1	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB	GC	
20011	1	FRIDGE NITRO 2 TAP JT NITCOM RH	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	
12407	2	OVEN TURBOCHEF NEXT GENERATION	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	
12508	1	BLENDER QUIET MODEL ON COUNTER - BACK-UP	SB	GC	TO BE STORED IN BACK OF HOUSE UNLESS NEEDED
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.
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	
20079	1	NITRO 2 TAP BADGE MOUNT BACKBAR LH	SB	GC	
20080	1	NITRO 2 TAP BADGE MOUNT BACKBAR RH	SB	GC	
X0009	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
X0011	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
STORAGE					
10222	2	WIRE SHELF GRID AT SINK	SB	GC	
10416	9	WORKROOM SHELVEING - 36IN 915MM	SB	GC	
10462	9	WORKROOM SHELVEING 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	

GRAPHICS AND ARTWORK SCHEDULE - "G"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
GRAPHICS - ARTWORK					
21079	3	ART - ASHLEY MARY AND ALLEGRA LOCKSTADT - SIREN SCENE - GREENS	SB	GC	(3) PIECES, 10'-0" X 3'-10". WRAPPED CANVAS IN FLOAT FRAME. FINISH WD0073. VENDOR COLORCHROME
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	
X0038	1	COMMUNITY BOARD MAGNETIC WHITE OAK	SB	GC	VENDOR: COLORCHROME
X0039	2	OCCUPANCY PLACARD	GC	GC	PROVIDE PER LOCAL REQUIREMENTS. CAFE OCCUPANCY 73, PATIO OCCUPANCY 26.

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	3	SPEAKER RECESSED - WHITE	SB	GC	
10017	2	SPEAKER SURFACE MOUNTED - BLACK	SB	GC	
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	2	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-NH2.
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	2	FAUCET - HOT WATER DISPENSER 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	
X0010	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
FILTER					
12501	1	FILTER - RO SYSTEM 600GPD	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
12896	1	FILTER - BRINE TANK	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
12899	2	FILTER - POLY GLASS VESSEL	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
13076	1	FILTER - PREFILTRATION SYSTEM	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
13082	1	FILTER - WATER SOFTENER TWIN	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
13149	1	FILTER - PRESSURE GAUGE	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
OTHER					
13384	1	WATER HEATER TANK GAS	GC	GC	AO SMITH CYCLONE Xi MODEL #BTX-100, 129 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	
12807	1	SINK - UTENSIL RINSE WITH GRATE SST - LH - 14X20IN 355X510MM	SB	GC	
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	SB	GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC	
17565	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X685MM	SB	GC	
17632	1	SINK - STACKED DRAINBOARD - 15IN 380MM	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
19277	2	SINK - COUNTERTOP RINSER WITH DRAIN TROUGH - 26X9IN 660X235MM	SB	GC	
X0012	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
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)

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EXTERIOR SIGNAGE SCHEDULE - "S"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
SIGNAGE - DISK					
13164	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	LL/ 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/LL	LL TO FURNISH AND INSTALL CONCRETE FOOTINGS, ANCHOR BOLTS, AND ELECTRICAL CONDUIT PER LLWL GC TO COORDINATE WITH SBUX VENDOR
14106	1	SIGN - DT CLEARANCE BAR ARROW SERIES FREESTANDING	SB	GC/LL	LL TO FURNISH AND INSTALL CONCRETE FOOTINGS AND ANCHOR BOLTS PER LLWL GC TO COORDINATE WITH SBUX VENDOR
SIGNAGE - OTHER					
19388	2	SIGN - 10 MINUTE PARKING	SB	LL/ HILTON	FOOTING & POST BY LL. SIGN BY SBUX SIGNAGE VENDOR
X0002	1	MONUMENT SIGN PANELS	SB/ HILTON	HILTON/ LL	BASE SIGN FOOTING AND ELECTRICAL BY LL. PANELS BY SIGNAGE VENDOR. LL TO COORDINATE WITH SIGNAGE VENDOR
SIGNAGE - WORDMARK					
X0007	1	SIGN - FAUX NEON GREEN WORDMARK STARBUCKS WITH WHITE INTERIOR & SURROUND. FLUSH MOUNTED - 18IN 455MM	SB	LL/ HILTON	FAUX NEON GREEN WORDMARK. LL TO PROVIDE CONDUIT AND BLOCKING AS REQUIRED.

FLOOR TREATMENT SCHEDULE - "T"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
19795	819 SF	POLYVINYL FLOOR TILE - ECO-GRIP - PEWTER	GC	GC	MANUFACTURER: ALLIED ECO-GRIP. PEWTER
TILE					
20266	1149 SF	TILE - FRENCH CLAY - BRONZAGE - 24X24IN 600X600MM	SB	GC	GROUT: MAPEI - 09 GRAY, OR EQUAL
WALK OFF MAT					
19288	26 SF	WALK OFF MAT - HELIX Z1 - BLACK - 12X9IN 305X230MM	SB	GC	ANODIZED METAL FRAME TO BE INCLUDED IN ORDER, FROM MANUFACTURER

WALL BASE SCHEDULE - "B"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
TILE BASE					
18740	150' - 0 1/2"	TILE BASE - PLAZA NOVA - BLACK SHADOW - 6X12IN 150X300MM	SB	GC	GROUT: MAPEI - 47 CHARCOAL, OR EQUAL
19795	188' - 2 1/4"	POLYVINYL FLOOR TILE - ECOGRIP - PEWTER	GC	GC	MANUFACTURER: ALLIED ECO-GRIP. PEWTER
20196	59' - 10"	TILE BASE - FORMULA - EQUATION GREY - 6X12IN 150X300MM	SB	GC	GROUT: MAPEI - 09 GRAY

WINDOW SCHEDULE - "W"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
WINDOW					
14077	1	WINDOW - DT WITH OPEN TRANSOM - 48X60IN 1205X1510MM - ALUMINUM	LL	LL	275 SERIES SINGLE PANEL SLIDER W/ MOER. LL TO VERIFY OPENING DIRECTION. USE IN CONJUNCTION WITH AA300-275 PASS THRU AIR CURTAIN SYSTEM. CONTACT: ANNA ELLIS, ANNA@READY-ACCESS.COM

CASEWORK FINISH SCHEDULE				
ENGINE ZONE	MATERIAL DESCRIPTION	FINISH CODE	COMMENTS	
COMPOSITE - LINEN				
COUNTERTOPS - BACKBAR	COMPOSITE - LINEN	CP0028		
COUNTERTOPS - ESPRESSO	COMPOSITE - LINEN	CP0028		
COUNTERTOPS - FRONTBAR	COMPOSITE - LINEN	CP0028		
COUNTERTOPS - SHROUD	COMPOSITE - LINEN	CP0028		
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 16GA		
CABINETS - UNDERCOUNTER ICE BIN	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA		
COUNTERTOPS - HAND SINK	METAL - STAINLESS STEEL - BRUSHED	#4 BRUSHED 16GA		
PLAM - GOLDEN BLONDE GRAIN				
CABINETS - DT POS CUBBY	PLAM - GOLDEN BLONDE GRAIN	PL0027		
CABINETS - UNDERCOUNTER	PLAM - GOLDEN BLONDE GRAIN	PL0027		
WOOD - WHITE OAK - ROUNDED SLAT - VERTICAL				
FINISH PANELS - FRONTBAR	WOOD - WHITE OAK - ROUNDED SLAT - VERTICAL	WD0073 MAD200-V		
WOOD - WHITE OAK - FIXED WIDTH WIDE PLANK - HORIZONTAL				
WAINSCOT	WOOD - WHITE OAK - FIXED WIDTH WIDE PLANK - HORIZONTAL	WD0073 MAD100-H	PLANKS TO BE SHIPPED LOOSE, GC TO INSTALL IN FIELD.	

PAINT SCHEDULE - "PT"					
DESIGN ID	DESCRIPTION	LRV	FURN. BY	INST. BY	COMMENTS
SW7030	SW7030 ANEW GRAY, OR EQUIVALENT	47	GC	GC	SW USE PRIMER CP-1; NCS - S 2002-Y50R; AKZO NOBEL - 40YY 51/084
SW7748	SW7748 GREEN EARTH, OR EQUIVALENT	31	GC	GC	

WALL TREATMENT (AREA) SCHEDULE - "Q"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
PLASTIC					
11469	1026 SF	FRP - WHITE	GC	GC	MANUFACTURER: PARKLAND PLASTICS. CONTACT BRENDON EASH. PHONE (547) 312-1290. EMAIL: BRENDON.EASH@PARKLANDPLASTICS.CO M PRODUCT PLAST-TEX NRP-HC. COLOR: WHITE.
TILE					
20225	624 SF	TILE - I COCCI - CALCE - 6X24IN 150X600MM	SB	GC	GROUT: MAPEI - 09 GREY. UNSANDED GROUT LINES TO BE 1/8".
20249	393 SF	TILE - COLOR STUDIO - SAGE - SQUARE MOSAIC - 12X12IN 300X300MM SHEET	SB	GC	GROUT: MAPEI - 09 GREY, OR EQUAL
WALL COVERING					
21071	173 SF	VINYL WALL COVERING - ORIGAMI - SAGE	SB	GC	

WALL TREATMENT (LENGTH) SCHEDULE - "R"					
DESIGN ID	LENGTH	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
CHAIR RAIL					
X0026	69' - 9 3/4"	WOOD TRIM - 1X1IN - WHITE OAK WD0073	SB	GC	MOUNTED AT 2'-9" AFF
OTHER					
X0034	24' - 2"	SCHLUTER JOLLY AE	GC	GC	FINISH TO MATCH TILE COLOR.
X0036	43' - 9"	STEPPED OUTSIDE CORNER FRY REGLET	GC	GC	FINISH TO MATCH PAINT COLOR.
WAINSCOT					
X0025	69' - 9 1/4"	WAINSCOT - WD0073 MAD 100-H	SB	GC	MOUNTED TO 2'-9" AFF. CASEWORK VENDOR TO SHIP LOOSE.

CEILING TREATMENT SCHEDULE - "U"					
DESIGN ID	AREA	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
X0022	735 SF	CEILING TILE - 2X2FT - TECTUM PANELS - PAINTED	GC	GC	ARMSTRONG TECTUM PANELS 2X2FT 1" THICK VERTICAL LINE DESIGN. PROVIDE GRID. PAINT TILES AND GRID SW7030 ANEW GRAY. TEGULAR EDGE 15/16 PRELUDE EXPOSED TEE GRID. 6-WEEK LEAD TIME.
OTHER					
11302	412 SF	VCT - WHITE - 2X4FT 61X122CM	GC	GC	ARMSTRONG MODE: CLEAN ROOM VL 2X4 (NONPERFORATED). COLOR: WHITE. EDGE PROFILE: SQUARE LAY-IN, ITEM #870

CASEWORK SCHEDULE - "C"							
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS	FINISH	
CABINET							
17573	2	CABINET - BACKBAR COUNTER SUPPORT PANEL - 3IN 75MM	SB	GC			
17574	3	CABINET - BACKBAR SINK OR ICE - 15IN 380MM	SB	GC		PL0027	
17575	1	CABINET - BACKBAR SINK OR ICE - 20IN 510MM	SB	GC		PL0027	
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		PL0027	
17741	4	CABINET - BACKBAR 15IN 380MM	SB	GC		PL0027	
17743	1	CABINET - DT POS - 30IN 760MM	SB	GC		PL0027	
17744	1	CABINET - FRONTBAR POS BRIDGE - 22IN 560MM	SB	GC		PL0027	
17745	1	CABINET - BACKBAR DRAWER - 15IN 380MM	SB	GC		PL0027	
17747	1	CABINET - BACKBAR TRASH - 15IN 380MM	SB	GC		PL0027	
18122	2	CABINET - BACKBAR SINK OR ICE - 16IN 405MM	SB	GC		PL0027	
19280	1	CABINET - ESPRESSO CUBBY WITH OPEN BACK - 15IN 380MM	SB	GC		PL0027	
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC		PL0027	
21189	1	CABINET - FRONTBAR - 15IN 380MM	SB	GC		PL0027	
21191	1	CABINET - FRONTBAR DRAWER - 15IN 380MM	SB	GC		PL0027	
21192	2	CABINET - FRONTBAR POS - 30IN 760MM	SB	GC		PL0027	
21193	1	CABINET - ESPRESSO CUBBY WITH OPEN BACK - 18IN 455MM	SB	GC		PL0027	
X0016	1	CABINET - DT POS UPPER CUBBY W DOORS	SB	GC	SEE DETAILS	PL0027	
X0032	2	CABINET - BACKBAR COUNTER CUSTOM CABINET	SB	GC	SEE DETAILS, CURVED DOOR	PL0027	
X0035	1	CABINET - 12IN 305MM	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	
20367	1	WALL BAY 2 UNIT - 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	
17828	1	COUNTERTOP - BACKSPLASH - VARIABLE LENGTH	SB	GC	LENGTH: 5'-10 3/4". SEE DETAILS FOR ADDITIONAL INFORMATION	CP0028	
19711	1	COUNTERTOP - WARMING - RF - 75IN 1905MM	SB	GC		CP0028	
20061	1	COUNTERTOP - ESPRESSO METRO - RF - 139IN 3530MM	SB	GC		CP0028	
20063	1	COUNTERTOP - FRONTBAR CAP - 139IN 3530MM	SB	GC		CP0028	
X0006	1	COUNTERTOP - FRONTBAR MOP PLANAR - 30IN 760MM	SB	GC	SEE DETAILS	CP0028	
X0015	1	COUNTERTOP - AT DT	SB	GC	SEE DETAILS	CP0028	
X0017	1	COUNTERTOP - CBE - w/ MAGIC SINK- RF - 112IN 2845MM	SB	GC	SIMILAR TO 17577. PROVIDE OPENING FOR MAGIC SINK INSTEAD OF RINSE TRAY & WATER FILLER.	CP0028	
X0018	1	COUNTERTOP - POS	SB	GC	SEE DETAILS	CP0028	
X0019	1	COUNTERTOP - DT POS - LF - VARIABLE LENGTH	SB	GC	LENGTH: 6' - 7 153/256" SEE DETAILS FOR ADDITIONAL INFORMATION	CP0028	
X0020	1	COUNTERTOP - BREW WITH TRASH DROP - LF	SB	GC	SEE DETAILS	CP0028	
X0033	1	CORIAN SILL @ DT WINDOW	SB	GC	1" SILL, SEE DETAILS	CP0028	
X0037	1	COUNTERTOP - BACKBAR NITRO - RH	SB	GC	SIMILAR TO 20051, W/O BACKSPLASH & WATERFALL EDGE	CP0028	
DIEWALL							
20064	1	DIEWALL - ESPRESSO - 139IN 3530MM	SB	GC		N/A	
X0013	1	DIEWALL	SB	GC	SEE DETAILS	N/A	
X0023	1	DIEWALL - POS	SB	GC	SEE DETAILS	N/A	
OTHER							
10218	2	CORNER GUARD - 0.75IN 20MM - CLEAR PLASTIC	SB	GC	GC TO INSTALL FULL HEIGHT. PAINT INSIDE FACE TO MATCH ADJACENT WALL COLOR.		
11142	2	CORBEL SUPPORT - 24IN 610MM	SB	GC		SST	
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC		SST	
17829	1	FRENCH CLEAT - VARIABLE LENGTH	SB	GC	OVERALL LENGTH 3' - 2"	PL0027	
18145	4	COUNTERTOP SUPPORT LEG	SB	GC		SST	
20066	1	SHROUD - 139IN 3530MM	SB	GC		CP0028	
20067	1	SNEEZE GUARD - 139IN 3530MM	SB	GC		GLASS	
20633	2	COUNTERTOP SUPPORT LEG SLIM	SB	GC		SST	
X0026	1	WOOD TRIM - WD0073	SB	GC	1X1IN. WD0073 WOOD TRIM. SEE WALL TREATMENT LENGTH SCHEDULE.	WD0073	
PANEL							
20065	1	PANEL - 139IN 3530MM	SB	GC		WD0073 MAD200-V	
X0014	1	PANEL	SB	GC	SEE DETAILS	WD0073 MAD200-V	
X0024	1	PANEL	SB	GC	SEE DETAILS	WD0073 MAD200-V	
X0025	1	WAINSCOT	SB	GC	SEE WALL TREATMENT (LENGTH) SCHEDULE. TOTAL AREA: 157SF	WD0073 MAD100	

RESPONSIBILITY LEGEND

GC GENERAL CONTRACTOR
LL LANDLORD
SB STARBUCKS



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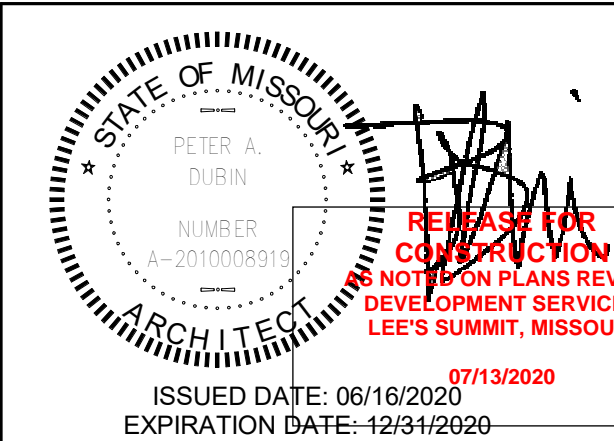
STARBUCKS TEMPLATE VERSION i2020-01-31

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Engineering Consultants
Mechanical - Electrical - Plumbing



PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
1602

REVISION 1 SET - ISSUED 07.07.2020


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	SUPPLIER: DT SIGNAGE VENDOR (DSA), INSTALLER: REGIONAL SIGNAGE VENDOR, LL TO PROVIDE CONDUIT, FOOTING, AND ANCHOR BOLTS PER LLWL.
14120	1	MENU BOARD - DT PRE MENU FREESTANDING - 36X65IN 915X1650MM - FLAT BLACK MT0028	SB	SB	PROVIDED AND INSTALLED BY SIGNAGE VENDOR, LANDLORD GC TO PROVIDE FOOTING & ELECTRICAL AS SPECIFIED PER LLWL.
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 PER LLWL.
OTHER					
14103	11	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	LL	LL	SUPPLIER/INSTALLER: LL, DSA PHOTOTECH, SEE DETAILS.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	SB	SUPPLIER: DT SIGNAGE VENDOR (DSA), INSTALLER: REGIONAL SIGNAGE VENDOR, LL TO PROVIDE AND INSTALL CONDUIT, FOOTING, AND ANCHOR BOLTS PER LLWL.
18818	4	LIGHT POLE - 10FT 300CM - FLAT BLACK MT0028	LL	LL	
18820	4	LIGHT POLE BASE PLATE - FLAT BLACK MT0028	LL	LL	
X0001	2	VEHICLE DETECTOR LOOP	SB	GC/LL	SUPPLIER: DT AUDIO VENDOR (HME), INSTALLER: GC, LL TO PROVIDE CONDUIT PER LLWL.
X0004	5	PLANTER BOXES - 84X36X18IN	LL	LL	LL TO PROVIDE DRAINAGE AND AUTOMATED IRRIGATION PER LLWL REQUIREMENTS, LL TO PROVIDE SPEC TO DESIGNER FOR APPROVAL.
X0008	1	BIKE RACK - OLYMPIA	LL	LL	FORMS & SURFACES: OLYMPIA BIKE RACK, WWW.FORMS-SURFACES.COM; INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
X0009	20	NATIVE PLANTS FOR PLANTER BOXES	LL	LL	LANDSCAPING SELECTION AND QTY VERIFICATION BY LANDLORD, PROVIDE DRAUGHT-RESISTANT, NATIVE PLANTS WITH MINIMUM MAINTENANCE REQUIREMENTS.
UMBRELLA					
12147	3	UMBRELLA - BASE 95LB 43KG - FLAT BLACK MT0028	SB	GC	
20075	3	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - BLACK CANVAS WITH WORDMARK F0061	SB	GC	

LIGHTING FIXTURE SCHEDULE - "L"						
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	BULB	COMMENTS
EXIT						
11483	1	EXIT - SECURITY LIGHT WALL MOUNTED	LL	LL	HID 150W OR EQUAL	
19044	5	LED EXIT SIGN WITH EMERGENCY LIGHT - WHITE AND RED	SB	GC		CAFE EXIT SIGNS TO BE SUSPENDED.
19057	4	LED EMERGENCY LIGHT DOUBLE - BLACK	SB	GC	INTEGRATED LED	
OTHER						
17796	7	LED STRING LIGHTS - 48FT 1463CM	SB	GC	INTEGRATED LED	POWER BY LANDLORD, TOTAL LENGTH REQUIRED: 130FT
RECESSED CAN						
19023	32	CAN - LED MOUNTING FRAME - 2IN 50MM - NEW CEILING	SB	GC		
19113	28	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	INTEGRATED LED	
SCONCE						
20711	6	SCONCE - HINKLEY ATLANTIS LARGE - BLACK	LL	LL	INTEGRATED LED	DOLAN HOSPITALITY MFR #376769 ATLANTIS OUTDOOR SCONCE
20750	2	SCONCE - KUZCO PLUTO TRIPLE - VINTAGE BRASS	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
X0030	1	SIGN - MOBILE ORDER PICK UP SIGN EXTENSION LEGS	SB	GC		BY WALTON, ORDER 4FT LEGS, CUT IN FIELD FOR BOTTOM AT 7'-8" AFF, REFER TO INTERIOR ELEVATIONS FOR EXACT DIMENSION
STRIP						
14410	1	STRIP - LED TAPE - VARIABLE LENGTH	SB	GC	INTEGRATED LED	LENGTH: 43'-9"
TRACK						
12934	2	TRACK - WITH CONNECTORS - 4FT 122CM - WHITE - 1 CIRCUIT	SB	GC		
12944	3	TRACK - WITH CONNECTORS - 16FT 488CM - WHITE - 1 CIRCUIT	SB	GC		
12945	5	TRACK - WITH CONNECTORS - 12FT 365CM - WHITE - 1 CIRCUIT	SB	GC		
15059	1	TRACK - WITH CONNECTORS - 6FT 183CM - WHITE - 1 CIRCUIT	SB	GC		
19071	4	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 900LM SPOT	SB	GC	INTEGRATED LED	
19072	14	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 600LM FLOOD	SB	GC	INTEGRATED LED	
19074	35	TRACK - LED FIXTURE - 2IN 50MM - WHITE - 900LM FLOOD	SB	GC	INTEGRATED LED	
19087	53	TRACK - HEX CELL LOUVER - 2IN 50MM	SB	GC		
TROFFER						
15057	7	TROFFER - LED RECESSED - 24X48IN 600X1200MM - WHITE - 4000LM	SB	GC	INTEGRATED LED	

RESPONSIBILITY
LEGEND

GC GENERAL CONTRACTOR
LL LANDLORD
SB STARBUCKS

REVISION 1 SET - ISSUED 07.07.2020




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STARBUCKS TEMPLATE VERSION i2020-01-31

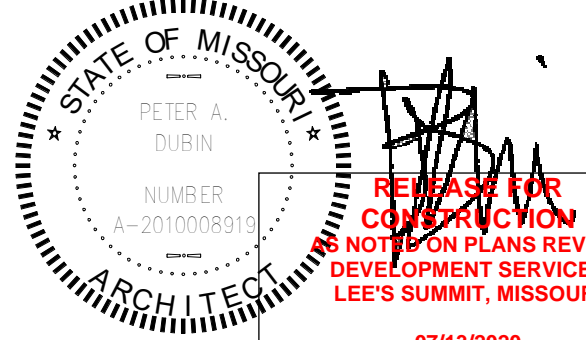


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Engineering Consultants
Mechanical - Electrical - Plumbing



ISSUED DATE: 06/16/2020
EXPIRATION DATE: 12/31/2020

REMARK: FOR CONSTRUCTION NOT FOR PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

PROJECT NAME:
BUILDOUT OF STARBUCKS COFFEE - NW PRYOR RD & CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NORR

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
1603

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
Ⓢ₃	THREE-WAY SWITCH	Ⓢ	RECEPTACLE: QUAD
Ⓢₒ	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 GNOIC 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 MANUFACTURE 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.

REVISION 1 SET - ISSUED 07.07.2020



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STARBUCKS TEMPLATE VERSION i2020-01-31

NORR



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Engineering Consultant

120-20



RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DESIGN/ENGINEERING SERVICES
DATE SUBMIT, MISSOURI
07/13/2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NJD/BMS

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
E001



COMcheck Software Version 4.1.2.1

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: Starbucks Coffee Company
Project Type: New Construction

Construction Site: Owner/Agent: Designer/Contractor:

Additional Efficiency Package(s)

Reduced interior lighting power. Requirements are implicitly enforced within interior lighting allowance calculations.

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)	E (C X D)
1-Dining; Bar Lounge/Leisure	2220	0.81	1798	
Total Allowed Watts =			1798	

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Dining; Bar Lounge/Leisure				
15057: 15057: Other:	1	7	36	252
LED 3: 20057: Other:	3	2	16	33
LED 3: 19113: Other:	1	25	11	280
LED 3 copy 1: 19120: Other:	1	4	12	48
Track lighting 1: Wattage based on 122 feet of track	0	0	976	976
Total Proposed Watts =			1587	

Interior Lighting PASSES: Design 12% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.2.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

SEE TITLE BLOCK FOR SEAL, SIGNATURE, AND DATE

Name - Title Signature Date

Project Title: Starbucks Coffee Company Report date: 05/21/20
Data filename: F:\2020\100-20 SB - NORR\120-20 SB - Pryor Rd & Chipman, MO\DOCS\120-20 COMCheck.cck Page 1 of 6

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [F117]	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.4.1 [F116]	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
C408.1.1 [F157]	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.2.5.1 [F116]	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 [F133]	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
Project Title: Starbucks Coffee Company Report date: 05/21/20
Data filename: F:\2020\100-20 SB - NORR\120-20 SB - Pryor Rd & Chipman, MO\DOCS\120-20 COMCheck.cck Page 5 of 6



COMcheck Software Version 4.1.2.1

Inspection Checklist

Energy Code: 2018 IECC

Requirements: 100.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C406 [PR9]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
Project Title: Starbucks Coffee Company Report date: 05/21/20
Data filename: F:\2020\100-20 SB - NORR\120-20 SB - Pryor Rd & Chipman, MO\DOCS\120-20 COMCheck.cck Page 2 of 6

Project Title: Starbucks Coffee Company Report date: 05/21/20
Data filename: F:\2020\100-20 SB - NORR\120-20 SB - Pryor Rd & Chipman, MO\DOCS\120-20 COMCheck.cck Page 6 of 6

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.2.2 [EL22]	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1.1 [EL18]	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, warehouse storage areas, and other spaces <= 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1.2 [EL19]	Occupancy sensors control function in warehouses: In warehouses, the lighting in aislesways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1.3 [EL20]	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq.ft. within the space, 2) automatically turn off general lighting in all control zones within 30 minutes after all occupants have left the space, 3) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 30 minutes of all occupants leaving that control zone, and 4) are configured such that any daylight responsive control will activate space general lighting or control zone general lighting only when occupancy for the same area is detected.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2.1, C405.2.2.2 [EL21]	Each area not served by occupancy sensors (per C405.2.1) have time, switch controls and functions detailed in sections C405.2.2.1 and C405.2.2.2.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
Project Title: Starbucks Coffee Company Report date: 05/21/20
Data filename: F:\2020\100-20 SB - NORR\120-20 SB - Pryor Rd & Chipman, MO\DOCS\120-20 COMCheck.cck Page 3 of 6

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3.1, C405.2.3.2 [EL23]	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3.2 Daylight-responsive controls for applicable spaces, C405.2.3.1 Daylight-responsive control function and section C405.2.3.2 Sidelit zone.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Sidelit zones on first floor in Group A-2 and M occupancies.
C405.2.4 [EL26]	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4 [EL27]	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.3 [EL6]	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.6 [EL26]	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.7 [EL27]	Electric motors meet the minimum efficiency requirements of Tables C405.7.1(1) through C405.7.4(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.8.2.1 [EL28]	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.9 [EL29]	Total voltage drop across the combination of feeders and branch circuits <= 5%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
Project Title: Starbucks Coffee Company Report date: 05/21/20
Data filename: F:\2020\100-20 SB - NORR\120-20 SB - Pryor Rd & Chipman, MO\DOCS\120-20 COMCheck.cck Page 4 of 6



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STARBUCKS TEMPLATE VERSION i2020-01-31

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Engineering Consultant

120-20



RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DESIGN/PERMIT SERVICES
AND SUBMITTAL, MISSOURI
07/13/2020

PROJECT NAME:

BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:

STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NJD/BMS

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:

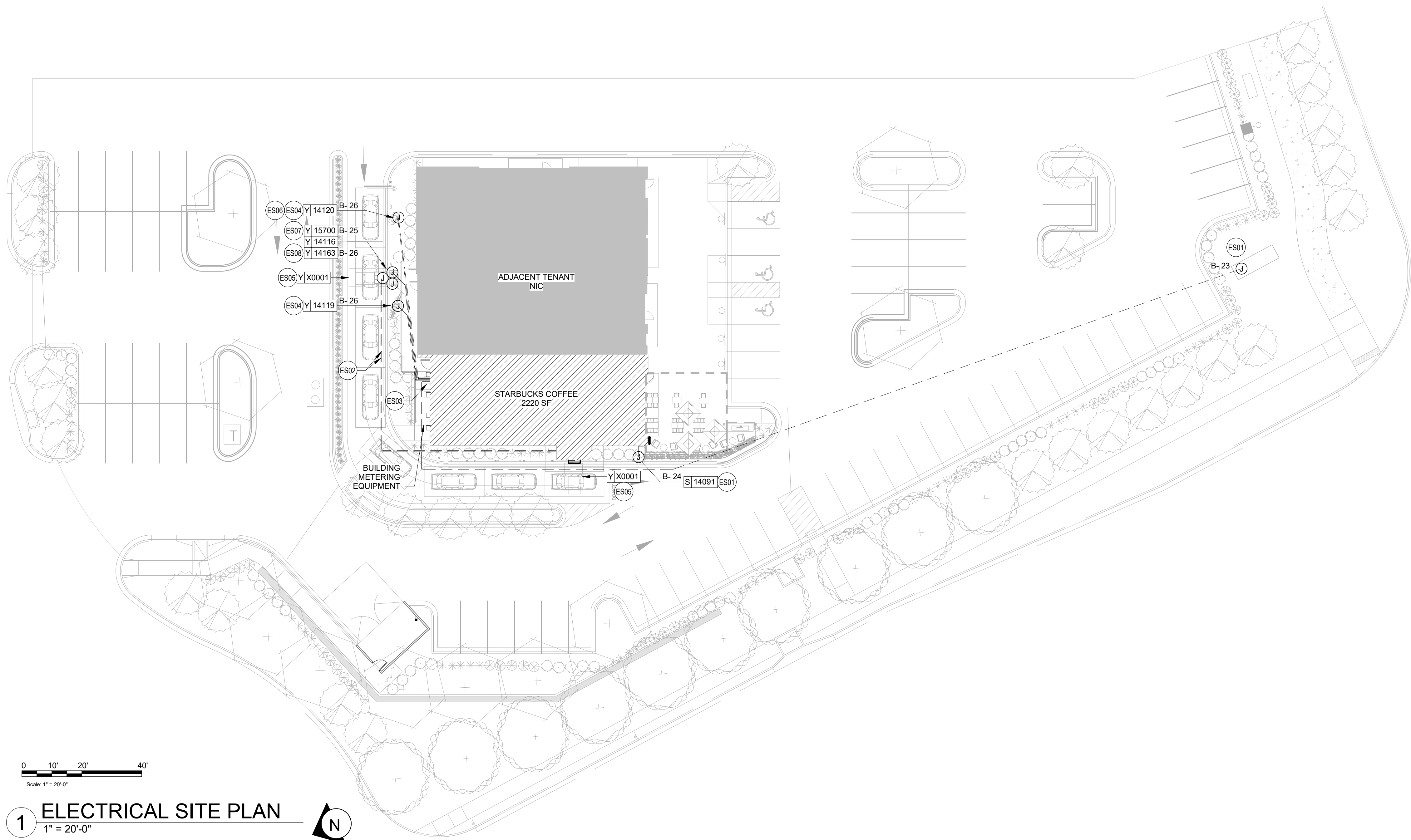
ENERGY CALCULATIONS

SCALE: AS SHOWN

SHEET NUMBER:

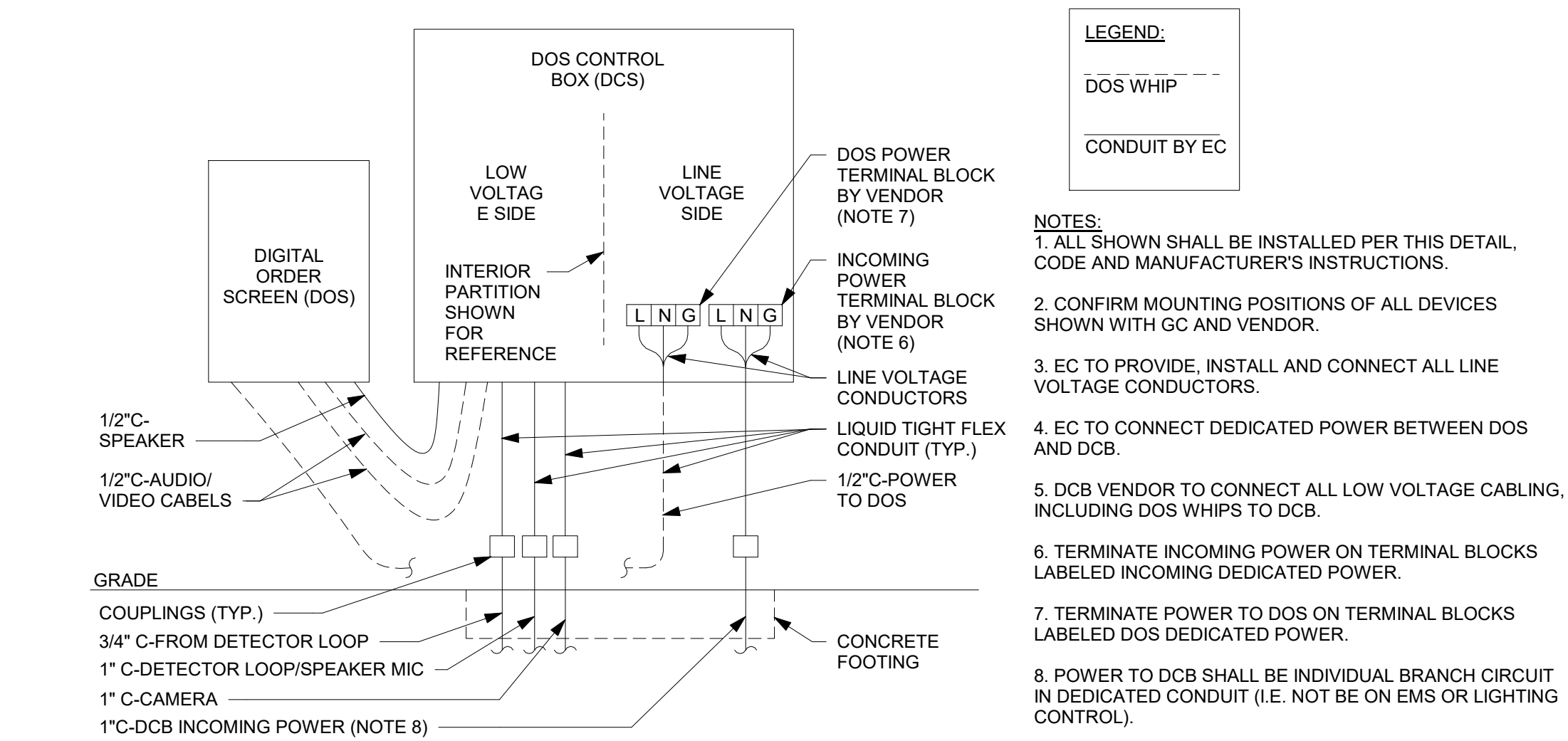
E002

REVISION 1 SET - ISSUED 07.07.2020



1 ELECTRICAL SITE PLAN

1" = 20'-0"



2 DTE - DOS CONTROL BOX WIRING

SCALE: NTS

ELECTRICAL SITE PLAN GENERAL NOTES

- PROVIDE A COMPLETE & OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.
- CONTRACTOR IS RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL THE FULL SCOPE OF WORK.
- REVIEW ALL CIVIL DRAWINGS AND COORDINATE EXISTING CONDUIT ROUTES WITH LANDLORD PRIOR TO PLACING BID AND/OR COMMENCING WORK.
- SEE ARCHITECTURAL SHEETS FOR FURTHER SIGNAGE INFORMATION AND EXACT LOCATIONS.
- EXTERIOR SITE LIGHTING TO BE ON A PHOTO-ELECTRICAL CELL. LIGHTING REQUIREMENTS:
 - MINIMUM LIGHT LEVELS OF 1.5 FOOT CANDLES AT 30" AFF IN PATIO AREAS.
 - MINIMUM LIGHT LEVELS OF 1.5 FOOT CANDLES AT PAVED AREAS.
 - NO DARK AREAS ON SITE, INCLUDING TRASH ENCLOSURE.
 - LED LIGHTING PREFERRED.
- LANDLORD PROVIDED AND INSTALLED CONDUITS SHALL HAVE OPENINGS PROTECTED AND PULLWIRES LABELED SO VENDORS WILL KNOW WHICH CONDUITS TO USE.
- FURNISH AND INSTALL APPROPRIATE HAND HOLES WHERE NEEDED AND PER CODE TO INSTALL CABLE/WIRE.
- INCREASE SIZE OF CONDUCTORS INDICATED IF NEEDED TO ACCOUNT FOR VOLTAGE DROP.

SITE PLAN SHEET NOTES

- ES01 DRIVE THRU DIRECTIONAL SIGNAGE/MONUMENT SIGN: LANDLORD TO PROVIDE 1" CONDUIT WITH PULLSTRING AND TENANT E.C. TO PROVIDE WIRING AND MAKE FINAL CONNECTION AS REQUIRED. SEE ARCHITECTURAL PLANS FOR DETAILS. COORDINATE ROUTING OF LANDLORD PROVIDED CONDUIT IN FIELD.
- ES02 LANDLORD TO PROVIDE TWO (2) 1" CONDUITS BELOW GRADE FROM DIGITAL ORDER SCREEN CONTROL BOX TO DRIVE-THRU WINDOW AREA AND TENANT E.C. TO PROVIDE WIRING AND MAKE FINAL CONNECTIONS. VERIFY ALL REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO COMMENCING WORK. COORDINATE ROUTING OF LANDLORD PROVIDED CONDUITS IN FIELD.
- ES03 LANDLORD TO PROVIDE ONE (1) SPARE 1" CONDUIT BELOW GRADE THROUGH FOUNDATION WALL OF BUILDING, CAPPED AND TERMINATED ABOVE INTERIOR CEILING FOR FUTURE USE AT THE REAR OF SPACE. VERIFY LOCATIONS FOR STUB UP WITH STARBUCKS REPRESENTATIVE PRIOR TO COMMENCING WORK.
- ES04 LANDLORD TO PROVIDE ONE (1) 1" CONDUIT BELOW GRADE WITH PULLSTRING FROM DRIVE-THRU EQUIPMENT TO ELECTRICAL PANELS AND TENANT E.C. TO PROVIDE WIRING AND MAKE FINAL CONNECTION AS REQUIRED. VERIFY ALL REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO COMMENCING WORK. COORDINATE ROUTING OF CONDUIT IN FIELD. COORDINATE WITH OWNER AND STARBUCKS REPRESENTATIVE PRIOR TO COMMENCING WORK.
- ES05 LANDLORD TO PROVIDE ONE (1) 1" CONDUIT WITH PULLSTRING FOR EACH OF TWO DETECTOR LOOP SETS (ONE AT THE SPEAKER POST AND THE OTHER AT THE DRIVE THRU WINDOW) AND TENANT E.C. TO PROVIDE WIRING AND MAKE FINAL CONNECTIONS.
- ES06 LANDLORD TO PROVIDE 1" CONDUIT BELOW GRADE WITH PULLSTRING FROM PRE-MENU BOARD TO BUILDING FOR FUTURE USE.
- ES07 LANDLORD TO PROVIDE ONE (1) 1" CONDUIT WITH PULL STRING FROM TO ELECTRICAL PANEL TO DRIVE-THRU DOS CONTROL BOX. PROVIDE FINAL CONNECTION TO DOS CONTROL BOX AS REQUIRED. SEE DETAIL #2 ON THIS SHEET FOR MORE INFORMATION.
- ES08 PROVIDE ONE (1) 1" CONDUIT, WIRING, AND FINAL CONNECTION FOR POWER TO CANOPY LIGHTING. SEE ARCHITECTURAL SHEETS FOR CONDUIT STUB-UP DETAILS AND ADDITIONAL INFORMATION.



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STARBUCKS TEMPLATE VERSION i2020-01-31

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120-20



REVISION 1 SET - ISSUED 07.07.2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

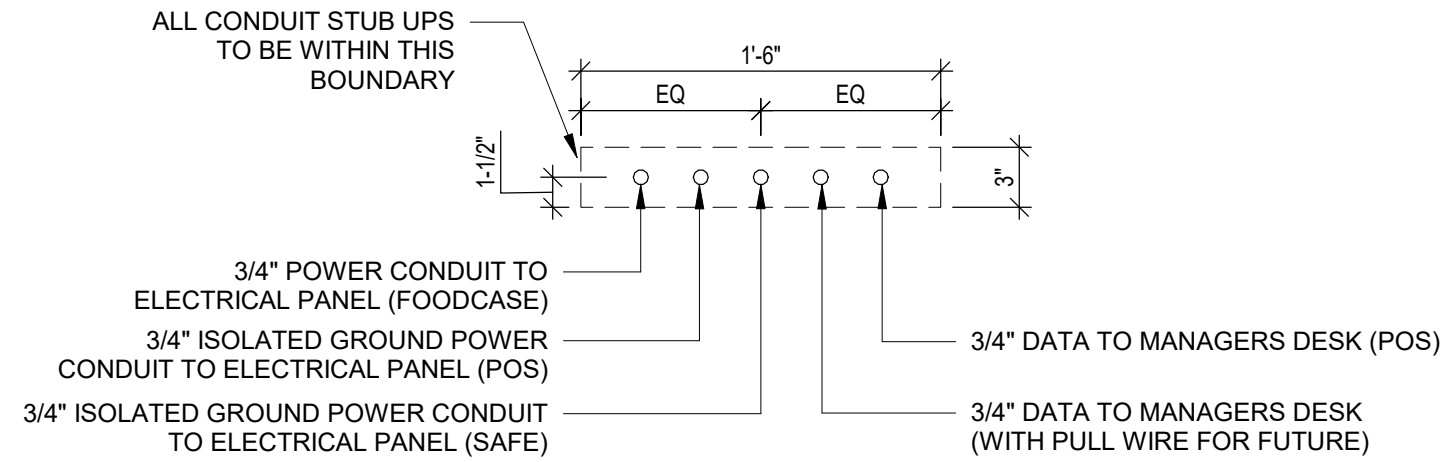
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NJD/BMS

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL SITE PLAN

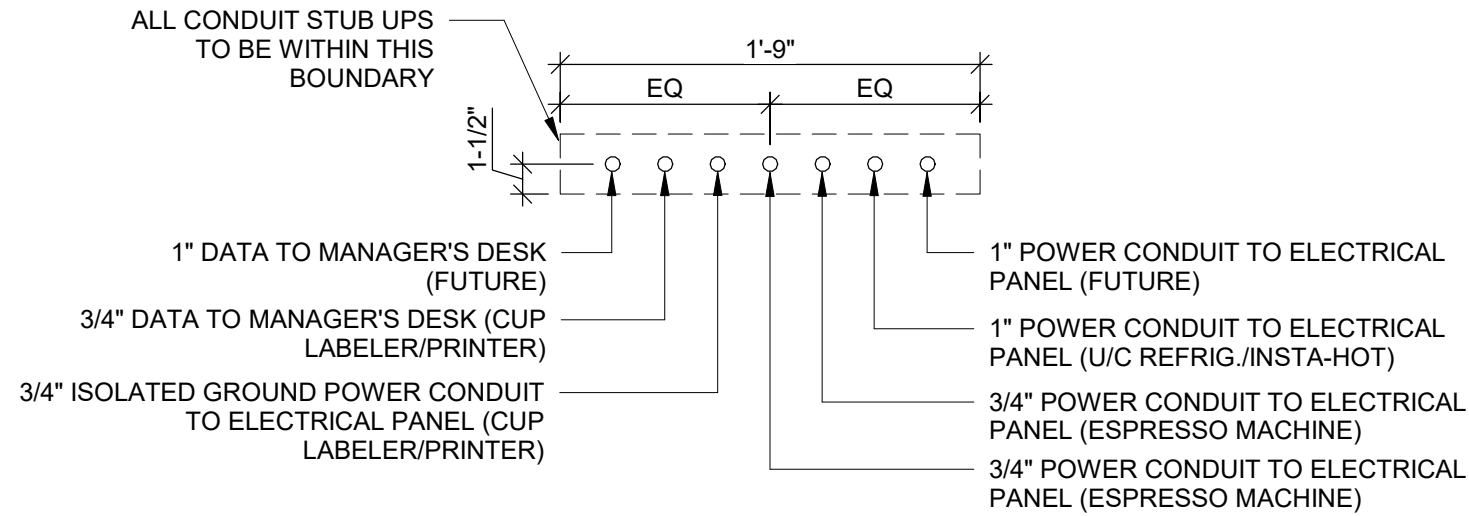
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SHEET NUMBER:
E003



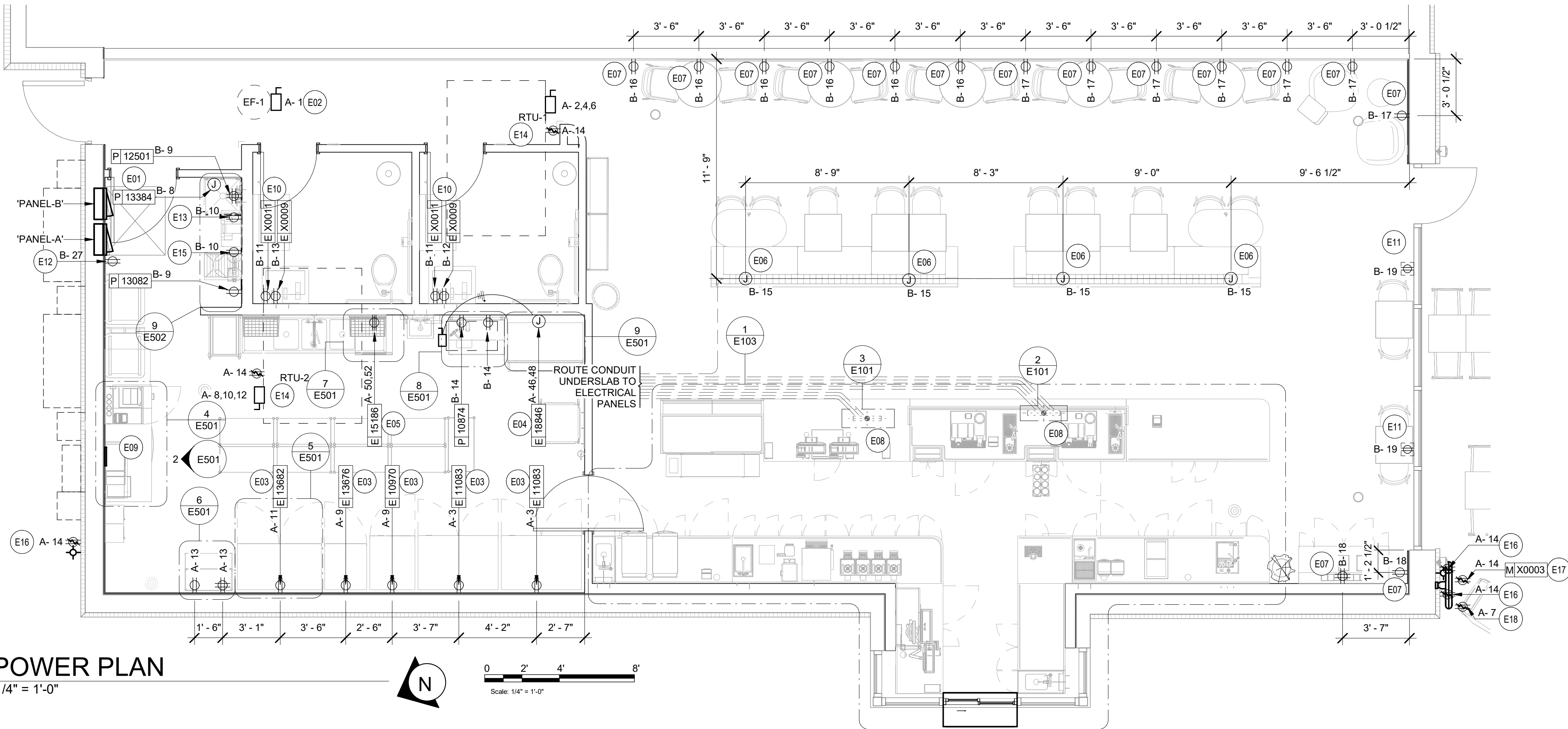
3 ELECTRICAL STUB UP DETAIL - POS

SCALE: NTS



2 ELECTRICAL STUB UP DETAIL - ESPRESSO

SCALE: NTS



1 POWER PLAN

1/4" = 1'-0"

ELECTRICAL DESIGN NOTES

- REFER TO ARCHITECTURAL DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.
- ALL FUTURE EQUIPMENT NEEDED HEREIN SHALL BE PROVIDED WITH AN APPROPRIATE RECEPTACLE AND FULLY WIRED. EVEN IF NOT SPECIFICALLY INDICATED.
- GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.
- EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.
- ALL BACK BAR AND FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND ONE (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.
- REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.
- ALL UNDERSLAB WORK BY STARBUCKS CONTRACTOR.
- REFER TO CALLOUTS DETAILS INDICATED ON SHEET FOR ADDITIONAL INFORMATION.

POWER PLAN SHEET NOTES

- PROVIDE ELECTRICAL CONNECTION TO WATER HEATER. CONFIRM ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN.
- LANDLORD TO PROVIDE ROUGH-IN AND FINAL CONNECTION TO RESTROOM EXHAUST FAN. FAN TO BE CONTROLLED BY TIMECLOCK. CONNECT TO TIMECLOCK AS REQUIRED. SEE TIMECLOCK DETAIL ON SHEET E102 FOR MORE INFORMATION.
- REFRIGERATOR AND/OR FREEZER: PROVIDE RECEPTACLE AS SHOWN AT 84" AFF. DETAIL 5 ON SHEET E501 FOR MORE INFORMATION.
- ICE MACHINE: PROVIDE ROUGH-IN AND FINAL CONNECTION. PROVIDE CONNECTION TO REMOTE CONDENSER LOCATED ON ROOF. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE CONNECTIONS AND BREAKERS TO SUPPORT ICE MACHINE AND REMOTE CONDENSER LOCATED ON ROOF.
- WAREWASHER: PROVIDE AND INSTALL NEMA 14-50R RECEPTACLE TO SUPPORT WAREWASHER. VERIFY ALL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO COMMENCING WORK. INCLUDING, BUT NOT LIMITED TOO, PROVISION OF POWER CORD ACCESSORY KIT WITH NEMA 14-50P PLUG.
- PROVIDE 1" CONDUIT WITH POWER TO BANQUETTE FOR POWER TO BANQUETTE MOUNTED RECEPTACLES. VERIFY EXACT ROUGH-IN AND CONNECTION REQUIREMENTS WITH FURNITURE MANUFACTURER PRIOR TO COMMENCING WORK. COORDINATE LOCATION OF FLOOR PENETRATION AND ROUTING OF 1" CONDUIT PRIOR TO COMMENCING WORK.
- PROVIDE RECEPTACLE AT 18" A.F.F. IN SEATING AREAS.
- STUB UP POWER, DATA, AND PHONE CONDUITS 6" 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 DETAIL INDICATED FOR MORE INFORMATION.
- 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.
- HAND DRYER/SOAP DISPENSER/FAUCET: FURNISH AND INSTALL CIRCUIT AND ROUGH-IN AT 14-13/16" A.F.F. ON GFI CIRCUIT BREAKER SIZED PER CODE TO SUPPORT INTEGRATED SINK EQUIPMENT. VERIFY EXACT ROUGH-IN LOCATION WITH MANUFACTURE AND EQUIPMENT PROVIDED PRIOR TO COMMENCING WORK.
- FURNISH AND INSTALL CEILING MOUNTED SHOW WINDOW RECEPTACLE. RECEPTACLES ARE TO BE PLACED WITHIN 18" OF WINDOW. COORDINATE EXACT RECEPTACLE AND COVER PLATE COLOR WITH OWNER PRIOR TO COMMENCING WORK.
- PROVIDE SERVICE RECEPTACLE AT ELECTRICAL PANELS. VERIFY HEIGHT WITH OWNER PRIOR TO COMMENCING WORK.
- PROVIDE ROUGH-IN AND FINAL CONNECTION TO HOT WATER RETURN PUMP. SEE PLUMBING SHEETS FOR MORE INFORMATION. VERIFY ALL REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO COMMENCING WORK. COORDINATE ALL WORK WITH PLUMBING CONTRACTOR IN FIELD.
- LANDLORD TO PROVIDE ROUGH-IN AND FINAL CONNECTION TO NEW RTU. RTU-MOUNTED DISCONNECT AND SERVICE RECEPTACLE TO BE FACTORY INSTALLED AND CIRCUITED BY LANDLORD. SHOWN FOR REFERENCE ONLY.
- PROVIDE ROUGH-IN AND FINAL CONNECTION FOR BOOSTER PUMP AS REQUIRED. VERIFY REQUIREMENTS WITH LANDLORD AND PLUMBING CONTRACTOR PRIOR TO COMMENCING WORK.
- EXISTING EXTERIOR WEATHER PROOF RECEPTACLE PROVIDED AND INSTALLED BY LANDLORD TO REMAIN AND BE REUSED. SHOWN FOR REFERENCE ONLY.
- LANDLORD TO PROVIDE AND INSTALL WEATHERPROOF GFCI DUPLEX RECEPTACLE FOR WALL MOUNTED FAN. VERIFY EXACT HEIGHT WITH GC IN FIELD PRIOR TO INSTALLATION. FANS TO BE SWITCHED TO RUN INDEPENDENTLY FROM PATIO LIGHTING. VERIFY WITH OWNER AND GC PRIOR TO INSTALLATION OF FAN SWITCH FOR EXACT LOCATION. SEE SWITCH BANK DETAIL ON SHEET E102 FOR MORE INFORMATION.
- LANDLORD TO PROVIDE AND INSTALL WALL MOUNTED WEATHERPROOF GFCI DUPLEX RECEPTACLE FOR PATIO LIGHTING. VERIFY EXACT HEIGHT WITH GC IN FIELD PRIOR TO INSTALLATION. PATIO LIGHTING FIXTURES SHALL BE CONTROLLED VIA ASTRONOMICAL TIME CLOCK WITH EXTERIOR LIGHTING. SEE CONTACTOR DETAIL ON SHEET E102 FOR MORE INFORMATION.



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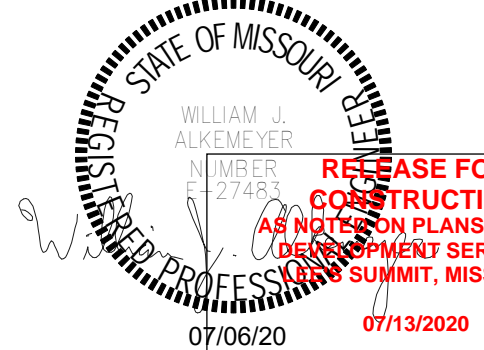
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Engineering Consultant

120-20



REVISION 1 SET - ISSUED 07.07.2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

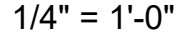
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NJD/BMS

Revision Schedule			
Rev	Date	By	Description

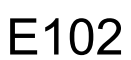
SHEET TITLE:
POWER PLAN

SCALE: AS SHOWN

SHEET NUMBER:
E101



REVISION 1 SET - ISSUED 07.07.2020



- A. REFER TO ELECTRICAL DETAIL SHEETS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL DEVICES.
- B. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ALL VOLTAGE REQUIREMENTS ON ALL EQUIPMENT AND PROVIDING BUCK-BOOST TRANSFORMERS AS MAY BE NEEDED PER MANUFACTURER'S RECOMMENDATIONS OR FOR CODE. ALL ARE NOT NECESSARILY INDICATED.
- C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) CONTRACTORS FOR ANY ADDITIONAL EQUIPMENT NEEDING POWER.
- D. ANY EQUIPMENT NOTED AS 'FUTURE' SHALL BE PROVIDED WITH APPROPRIATE RECEPTACLES AND WIRING TO ENABLE FUTURE OPERATION.
- E. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) BREAKERS (NOT RECEPTACLES) SHALL BE UTILIZED WHERE REQUIRED BY CODE AND AT ANY FLOOR BOXES. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL THESE CIRCUITS.
- F. EQUIPMENT REQUIRES CONNECTION TO THE BUILDING ELECTRICAL SYSTEM. FURNISH AND INSTALL ALL NECESSARY CONDUIT, WIRE, CONNECTIONS, RECEPTACLES AND OVERCURRENT PROTECTION NECESSARY TO ENSURE THE EQUIPMENT FUNCTIONS PROPERLY AND COMPLIES WITH ALL APPLICABLE LOCAL AND NATIONAL CODES. COORDINATE EQUIPMENT REQUIREMENTS WITH MANUFACTURER CUT SHEET PRIOR TO ROUGH-IN.
- G. ALL BACK BAR AND FRONT BAR J-BOXES AND OUTLETS SHALL BE SURFACE MOUNTED. PROVIDE CONDUITS AS NEEDED AND ONE (1) ADDITIONAL SPARE CONDUIT BETWEEN ALL J-BOXES FOR FUTURE ELECTRICAL REQUIREMENTS. ALL J-BOXES SHALL BE POSITIONED TO AVOID OBSTRUCTION OF ANY EQUIPMENT SUCH AS REFRIGERATORS AND DISHWASHERS.
- H. REFERENCE LANDLORD WORK LETTER FOR DIVISION OF ELECTRICAL SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.
- I. ALL DATA OUTLETS TO BE ROUTED BACK TO DATA RACK AT MANAGER'S DESK WITH 3/4" UNLESS NOTED OTHERWISE.
- J. DIMENSION TO BOXED TOGETHER ROUGH-INS IN CASWORK INDICATING CENTERLINE OF ROUGH-IN GROUP.

EL01 PROVIDE ROUGH-IN(S) @ 26" AFF. CIRCUIT RECEPTACLE AS INDICATED. ROUTE DATA BACK TO DATA RACK AT MANAGERS DESK.

EL02 DRIVE-THRU EQUIPMENT: FURNISH AND INSTALL ALL NECESSARY POWER AND DATA ROUGH-INS FOR DRIVE-THRU EQUIPMENT. ALL RECEPTACLES FOR DRIVE-THRU EQUIPMENT TO BE ISOLATED-GROUNDING TYPE RECEPTACLE WITH SURGE PROTECTION. SEE DRIVE-THRU ELEVATION AND DRIVE-THRU PLAN VIEW DETAILS INDICATED FOR EXACT ROUGH-IN TYPES, QUANTITIES, LOCATIONS, DIMENSIONS, AND CIRCUITING.

EL03 ESPRESSO MACHINES: FURNISH AND INSTALL HEAVY DUTY RECEPTACLE AT 26" AFF. FURNISH AND INSTALL HEAVY DUTY ANGLED PLUG. PROVIDE ANY ADDITIONAL CONDUIT, WIRE, PRIMARY AND SECONDARY PROTECTION, AND CONNECTIONS NECESSARY TO INSURE A FUNCTIONAL SYSTEM. VERIFY EXACT ROUGH-IN AND OVERCURRENT PROTECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO COMMENCING WORK.

EL04 POS PRINTER: FURNISH AND INSTALL QUADPLEX ISOLATED-GROUNDING TYPE RECEPTACLE WITH SURGE PROTECTION AT 26" AFF. FURNISH AND INSTALL DATA OUTLET AT 26" AFF.

EL05 SAFE: FURNISH AND INSTALL QUADPLEX ISOLATED-GROUNDING TYPE RECEPTACLE WITH SURGE PROTECTION AT 18" AFF.

EL06 POS: FURNISH AND INSTALL DUPLEX ISOLATED-GROUNDING TYPE RECEPTACLE WITH SURGE PROTECTION AT 18" AFF. FURNISH AND INSTALL (1) DATA OUTLET AND AT 18" AFF.

EL07 FURNISH AND INSTALL NEMA 6-30R RECEPTACLE AT 26" AFF TO SUPPORT WARMING OVENS. PROVIDE DATA CONNECTION AS REQUIRED FOR WARMING OVEN. WORK SHALL INCLUDE ROUGH-IN AND CONDUIT WITH CAT5 CABLE FROM EQUIPMENT TO DATA RACK. COORDINATE LOCATION AND CONNECTION REQUIREMENTS WITH STARBUCKS PROJECT MANAGER IN FIELD.

EL08 FURNISH AND INSTALL NEMA 6-50R RECEPTACLES AT 26" AFF TO SUPPORT DUAL BREWER. FURNISH AND INSTALL POWER CORD WITH NEMA 6-50P PLUG. COORDINATE EXACT INSTALLATION REQUIREMENTS WITH MANUFACTURER AND LOCATION AND CONNECTION REQUIREMENTS WITH STARBUCKS PROJECT MANAGER IN FIELD.

EL09 D/T WINDOW CONTROL: LANDLORD TO PROVIDE ROUGH-IN AT WINDOW HEADER HEIGHT. PROVIDE FINAL CONNECTION AS REQUIRED. VERIFY EXACT SCOPE OF WORK WITH LANDLORD AND CONDITIONS IN FIELD PRIOR TO COMMENCING WORK.

EL10 PROVIDE ROUGH-IN AT 26" AFF FOR FUTURE USE. CIRCUIT RECEPTACLE AS INDICATED. ROUTE DATA BACK TO DATA RACK AT MANAGERS DESK.

EL11 D/T AIR CURTAIN: LANDLORD TO PROVIDE DEDICATED CONDUIT TO POWER PANEL AND ALL NECESSARY WIRE AND CONNECTIONS FOR A FUNCTIONAL AIR CURTAIN SYSTEM. COORDINATE WITH MANUFACTURER'S REQUIREMENTS PRIOR TO ROUGH-IN.

EL12 INSTALL OWNER PROVIDED IOT MODULE FOR ESPRESSO MACHINE AND MAKE FINAL CONNECTIONS AS REQUIRED.



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STARBUCKS TEMPLATE VERSION i2020-01-31



PROJECT NAME:

PROJECT NAME:
BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:
STREETS OF WEST PRYOR, LOT 3
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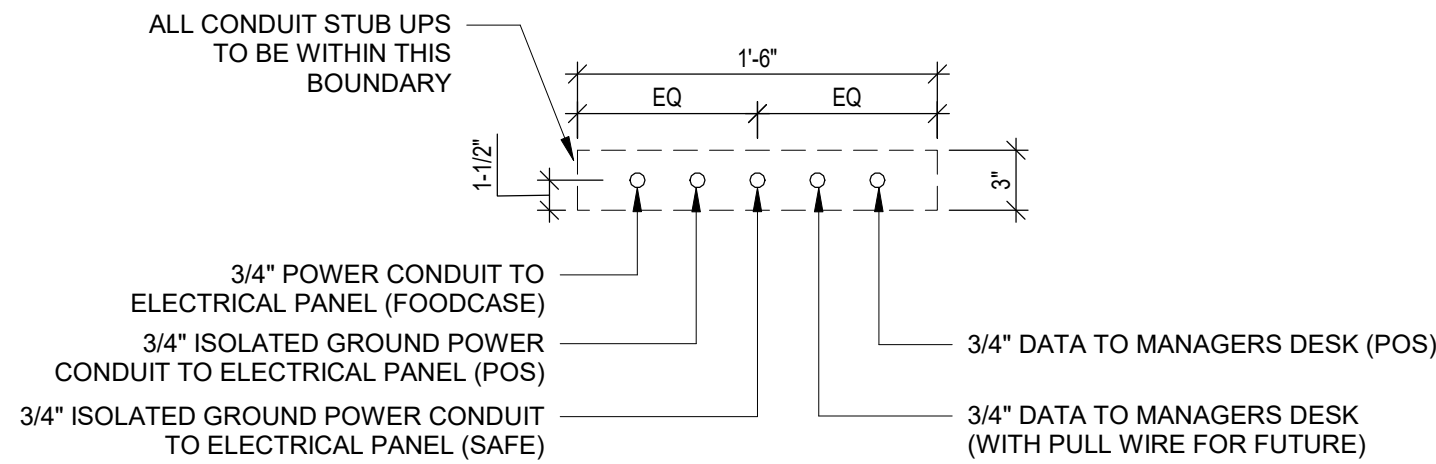
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**ENLARGED ELECTRICAL
PLACEMENT PLAN**
SCALE: AS SHOWN

SHEET NUMBER: E103

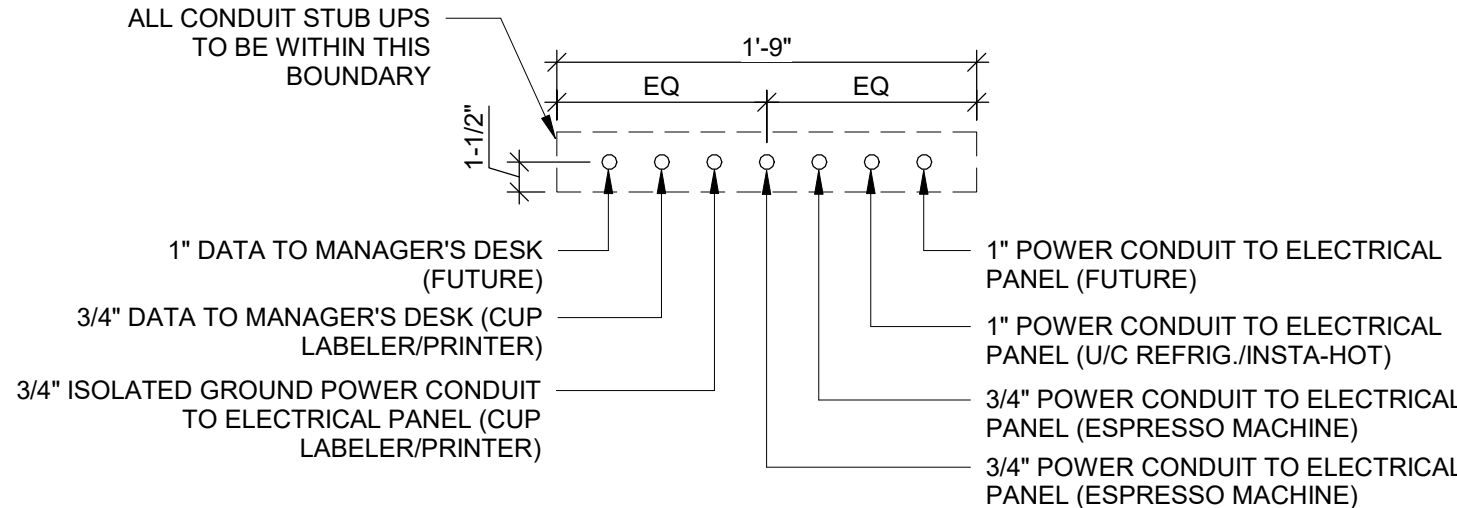
3 ELECTRICAL STUB UP DETAIL - POS

SCALE: NTS



2 ELECTRICAL STUB UP DETAIL - ESPRESSO

SCALE: NTS

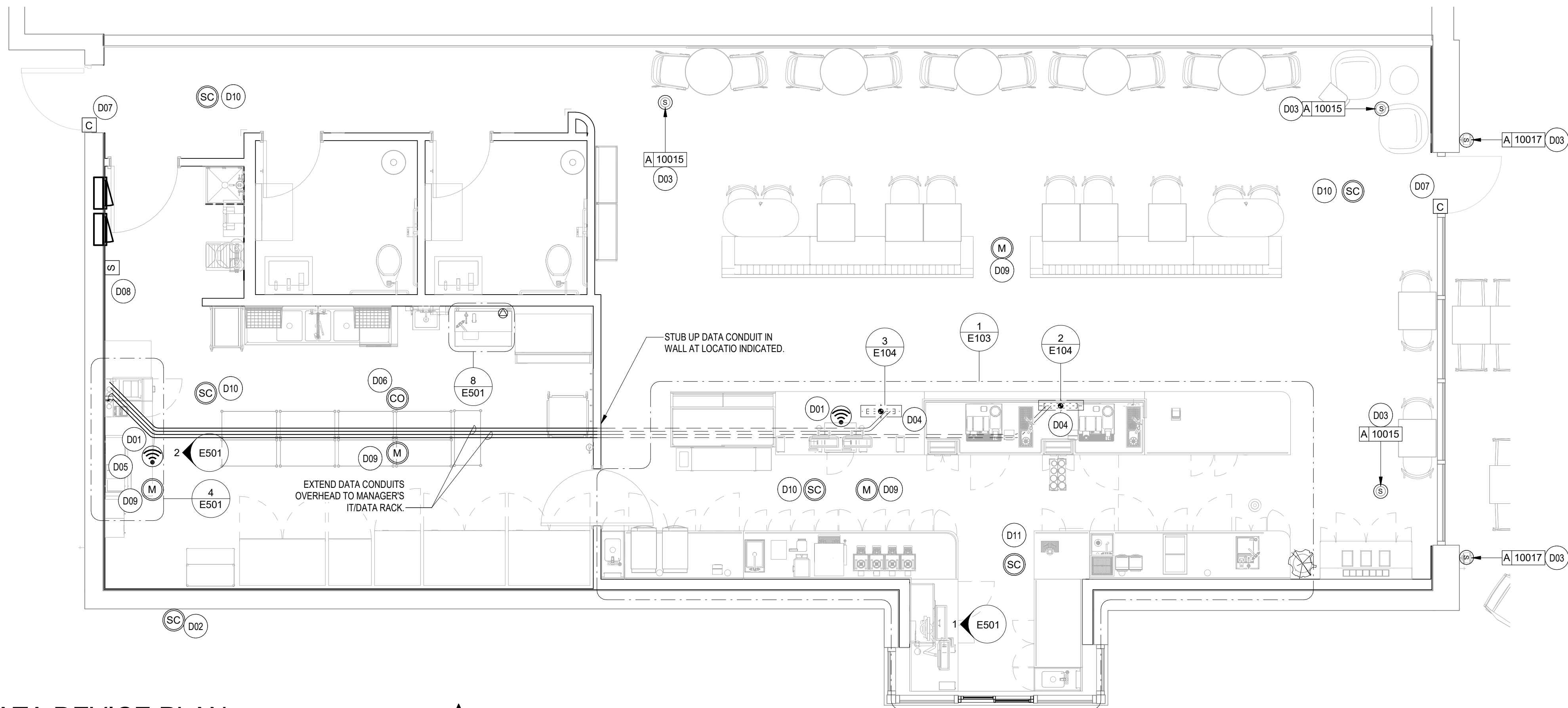


1 DATA DEVICE PLAN

1/4" = 1'-0"

0 2' 4' 8'

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



DATA PLAN SHEET 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 6" 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 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. GC SHALL INSTALL SPEAKERS AND WIRING PER 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. NOTE: GRILL HOLES SHALL REMAIN OPEN.
- K. G.C. SHALL INSTALL MUSIC SYSTEM, CONNECT WIRING, AND TEST.
3. SECURITY
- L. ENTRY CAMERA: CAPTURE ENTIRE DOORWAY AND CUSTOMER TOP OF HEAD TO KNEES. PROVIDE (1) CAMERA @ EACH ENTRY.
- M. POS CAMERA: PRIMARY OBJECTIVE IS CUSTOMER; SECONDARY IS TRANSACTION PLANE. CAPTURE MULTIPLE POS LOCATIONS.
- 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 WOULD CAPTURE BOTH.
- P. BOH CAMERA: CAPTURES CASH HANDLING.
- Q. CARBON MONOXIDE: AT LEAST ONE CARBON MONOXIDE (CO) DETECTOR IS TO BE LOCATED IN THE BACK OF HOUSE. PROVIDE SECOND DETECTOR IN CAFE IF SPACE INCLUDES A FIREPLACE.
4. LOW VOLTAGE CABLING
- R. GC TO PROVIDE PATHWAYS FOR ALL DATA AND LOW VOLTAGE CABLING DEVICES. CONDUITS CONTAINING MULTIPLE CABLES SHALL BE UP-SIZED FOR FUTURE CAPACITY, 1" [25MM] TYPICAL.
- S. PROVIDE LABELED, END-TO-END PULL STRINGS RATED TO 20 LBS IN ALL CONDUITS.
- T. CONDUIT BEND RADIUS SHALL BE A MIN. OF 6x THE INTERNAL CONDUIT DIA.
- U. TERMINATE CONDUITS THAT EXTEND THROUGH SLAB MIN. 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 GC'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 ANSITIA/EIA-569-A. PULL BOXES FOR UNDERGROUND CONDUITS ARE NOT PERMITTED UNLESS OTHERWISE NOTED.
5. BROADBAND CABLE
- Y. MAIN POINT OF ENTRY: GC TO PROVIDE MIN. 2" [50MM] 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.



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STARBUCKS TEMPLATE VERSION i2020-01-31

NORR



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Engineering Consultant

120-20



PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NJD/BMS

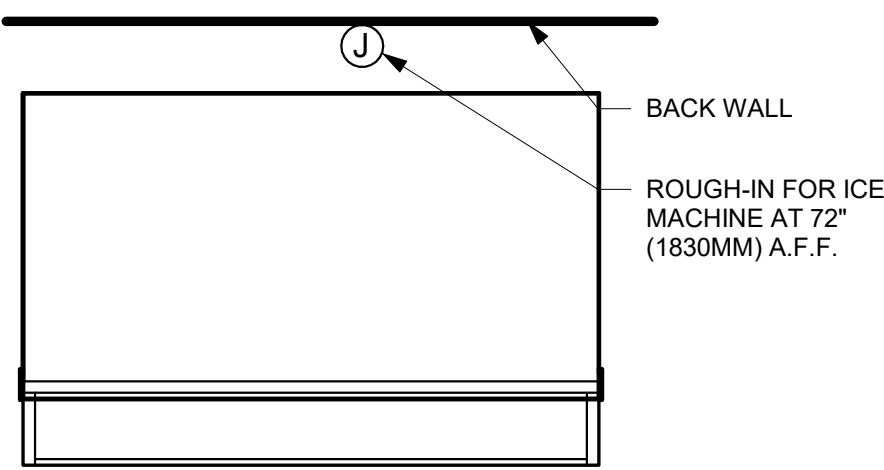
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
DATA DEVICE PLAN

SCALE: AS SHOWN

SHEET NUMBER:
E104

REVISION 1 SET - ISSUED 07.07.2020



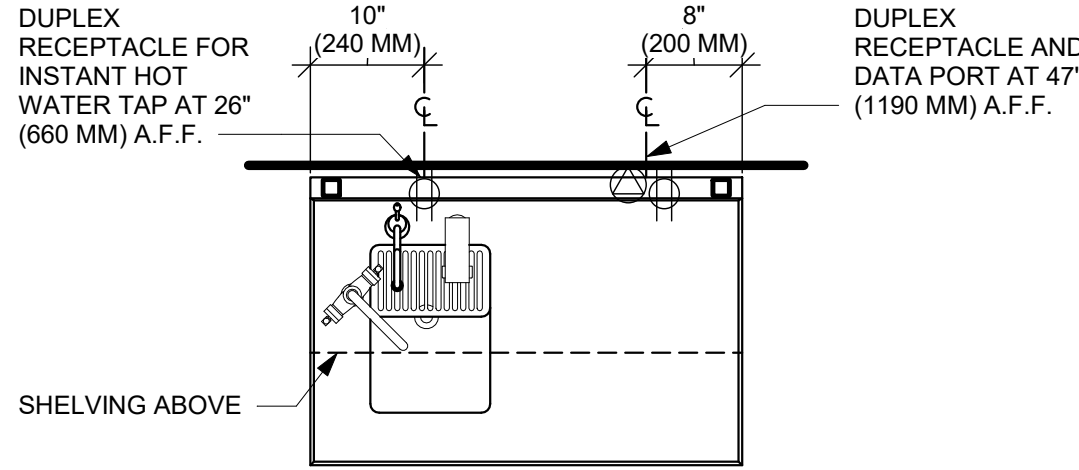
9 ICE MACHINE - ELECTRICAL
3/4" = 1'-0"

- A POWER, TELEPHONE & DATA RECEPTACLES (IN WALL, BELOW DESK)
- (1) QUAD RECEPTACLE FOR: PC, PRINTER, PHONE AND HPC
 - (1) QUAD RECEPTACLE FOR: LAPTOP, CASH SCALE AND FUTURE USE
 - (1) QUAD RECEPTACLE
 - (1) PHONE MAIN
 - (1) 2-DATA PORT FOR: PC AND PRINTER

SHELVING ABOVE
DESK

- B POWER & DATA RECEPTACLES (IN WALL, ABOVE SHELVES)
- (1) QUAD RECEPTACLE FOR: MS DATA CONCENTRATOR
 - (1) DUPLEX RECEPTACLE FOR: SECURITY CONTROL ALARM PANEL
 - (1) 2-DATA PORT FOR: EMS DATA CONCENTRATOR

- C POWER & DATA RECEPTACLES (IN WALL, AT MUSIC SYSTEM SHELF)
- (1) DUPLEX RECEPTACLE FOR: MUSIC SYSTEM AMPLIFIER AND FUTURE USE
 - (1) 2-DATA PORT FOR: CURIO

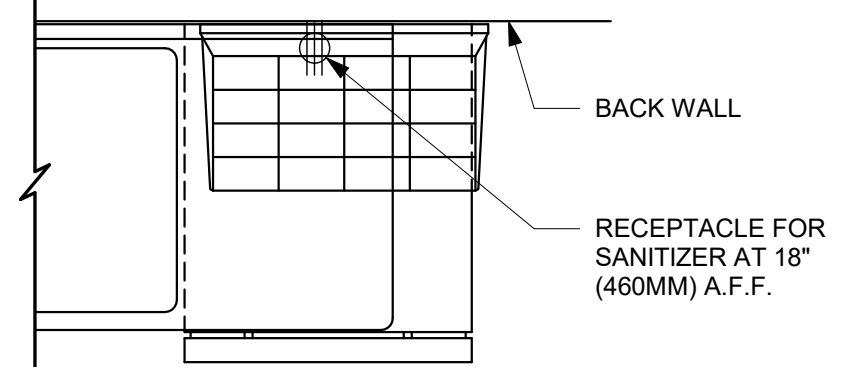


8 WATER FILLING STATION - ELECTRICAL
3/4" = 1'-0"

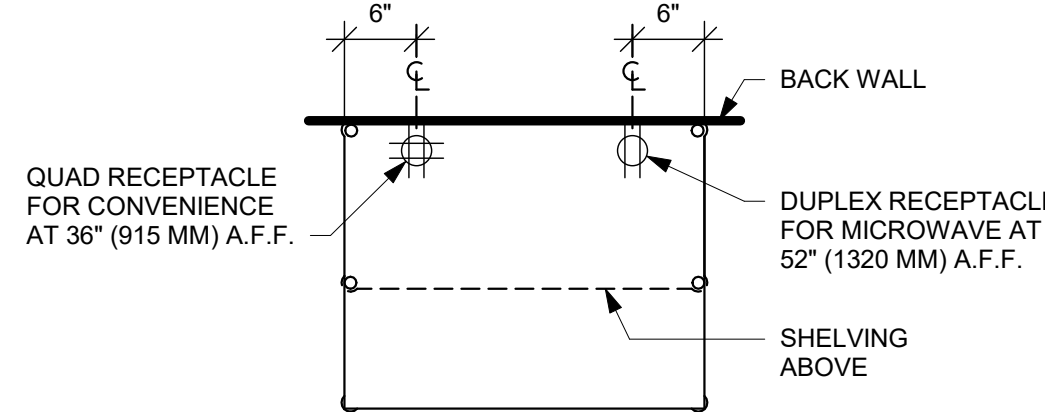
(3) SLEEVES FOR LOW VOLTAGE CABLE BUNDLES MOUNTED TO (2) UNISTRUTS
MAINTAIN 24" (610 MM) MIN. CLEARANCE ADJACENT TO EQUIPMENT RACK FOR ACCESS

EQUIPMENT RACK
EQUIPMENT RACK IN OPEN POSITION FOR ACCESS
FILE CABINET (BELOW)

- D POWER RECEPTACLES (IN WALL, AT BACK OF EQUIPMENT RACK)
- (1) INDIVIDUAL BRANCH CIRCUIT RECEPTACLE FOR: UPS
 - (1) DUPLEX RECEPTACLE FOR: PDU STRIP AND FUTURE USE



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



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

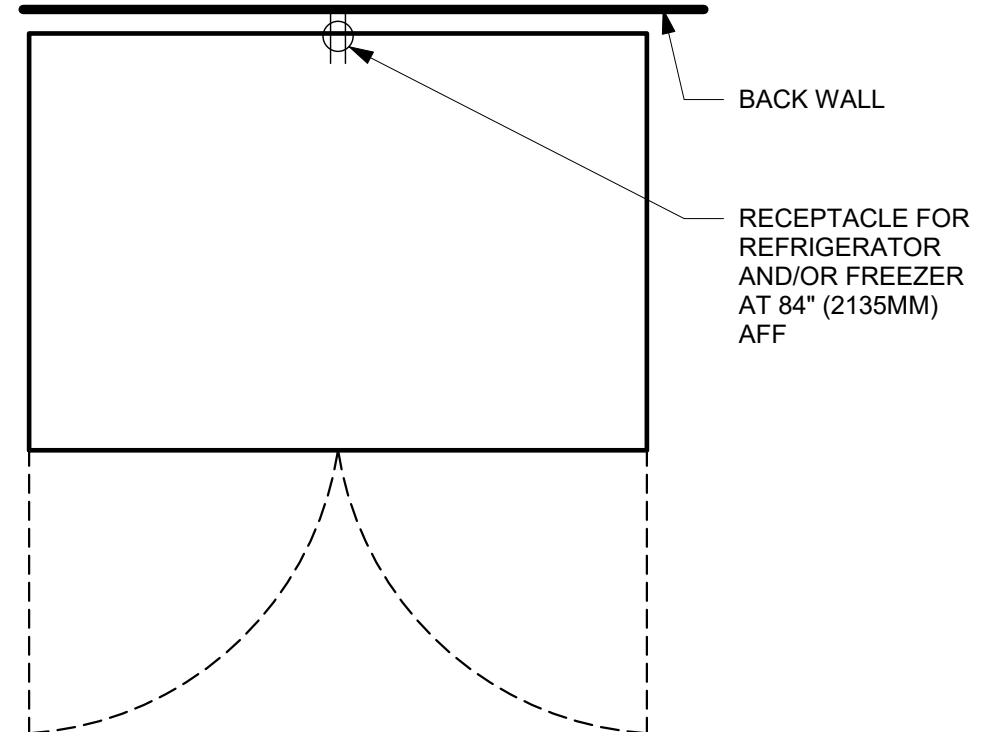
- POWER AND DATA RECEPTACLES
- DEDICATED QUAD RECEPTACLE FOR TENDERING REGISTER AND EXPEDITOR POS
 - DEDICATED QUAD RECEPTACLE FOR FUTURE USE
 - (3) 2-DATA J-BOX

- POWER AND DATA RECEPTACLES
- (2) DEDICATED RECEPTACLE FOR WIRELESS BASE AND SIGNAL PROCESSOR
 - SINGLE DATA J-BOX

- POWER AND DATA RECEPTACLES
- (2) DEDICATED QUAD RECEPTACLE FOR DRIVE THRU TIMER MONITOR AND CONTROL UNIT
 - 2-DATA J-BOX

- POWER AND DATA RECEPTACLES
- DEDICATED QUAD RECEPTACLE FOR DRIVE THRU ORDER MONITOR AND BUMP BAR
 - SINGLE DATA J-BOX

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

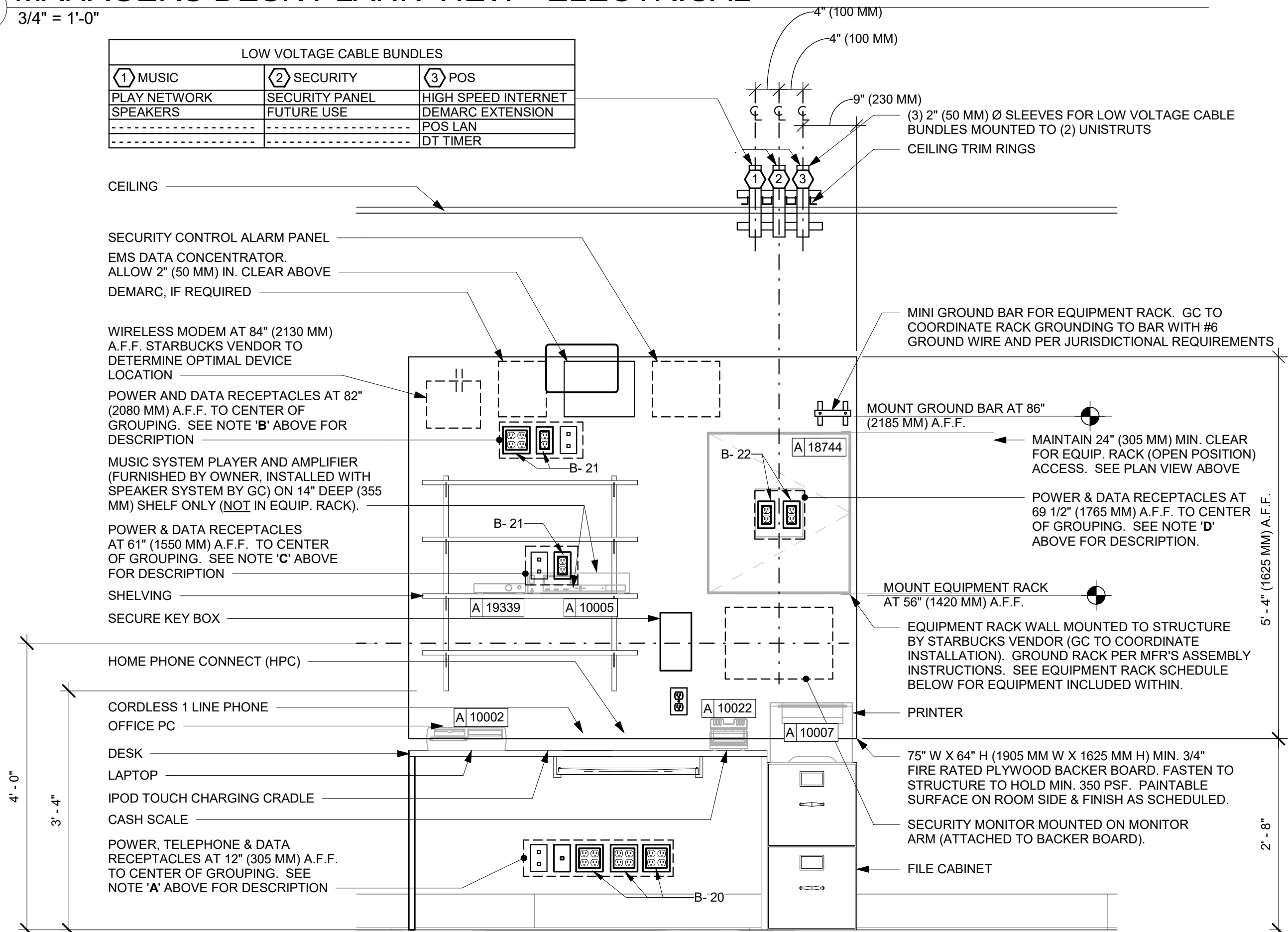


- POWER AND DATA RECEPTACLES
- 2-DATA PORT FOR FUTURE USE
 - QUAD RECEPTACLE FOR UNDERCOUNTER REFRIGERATOR AND FUTURE USE

EDGE OF COUNTERTOP

4 MANAGERS DESK PLANN VIEW - ELECTRICAL
3/4" = 1'-0"

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



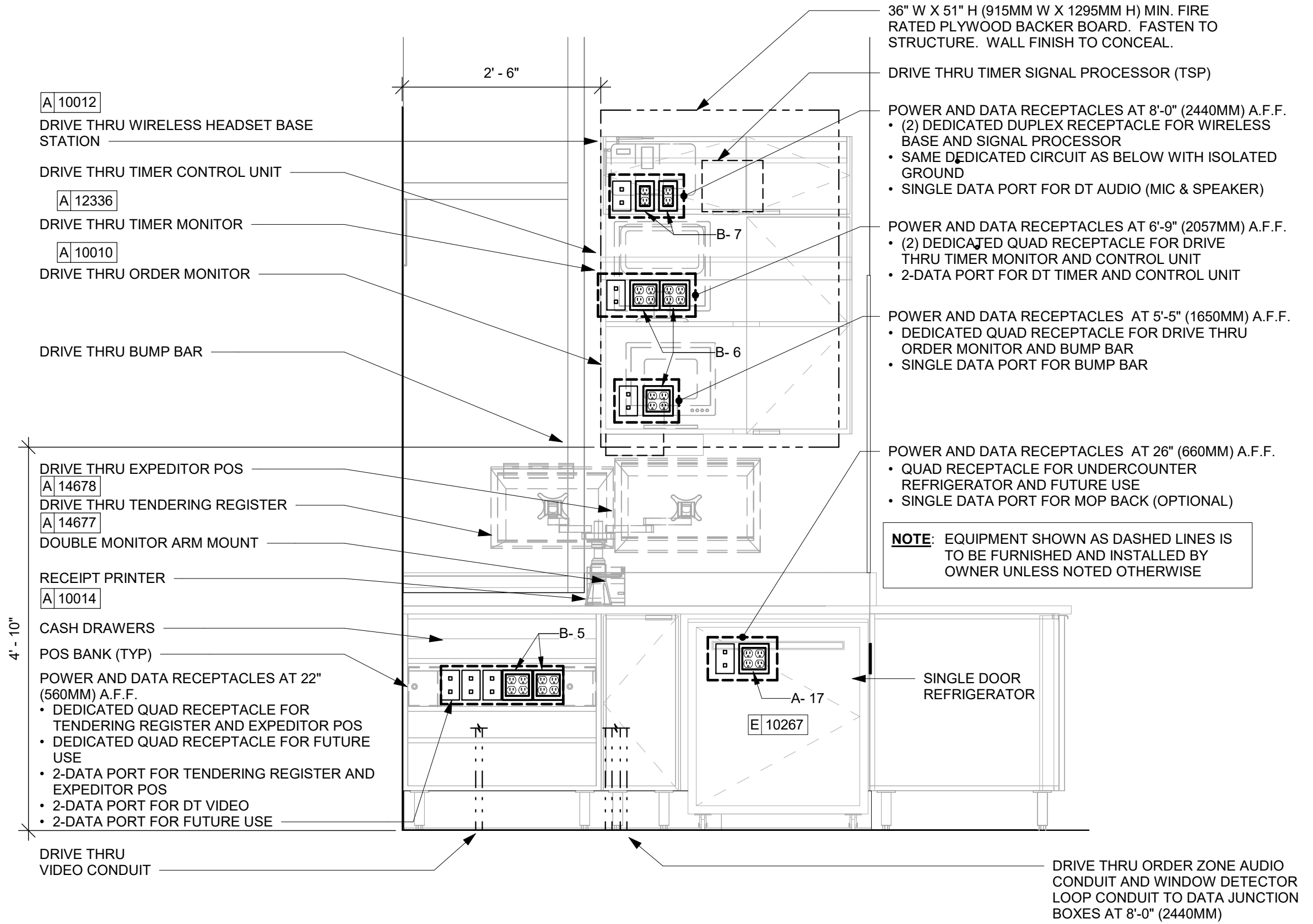
ELEVATION VIEW

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	-----	-----

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

1 DRIVE-THRU ELEVATION - ELECTRICAL
3/4" = 1'-0"



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

REVISION 1 SET - ISSUED 07.07.2020



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STARBUCKS TEMPLATE VERSION i2020-01-31



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Engineering Consultant

120-20



PROJECT NAME:
BUILDOUT OF STARBUCKS COFFEE - NW PRYOR RD & CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

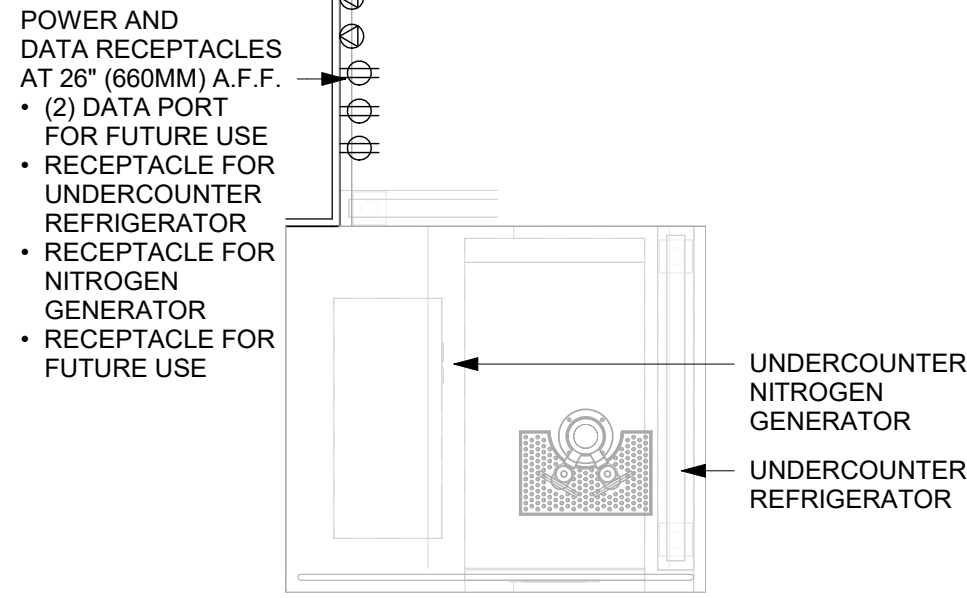
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NJD/BMS

Revision Schedule			
Rev	Date	By	Description

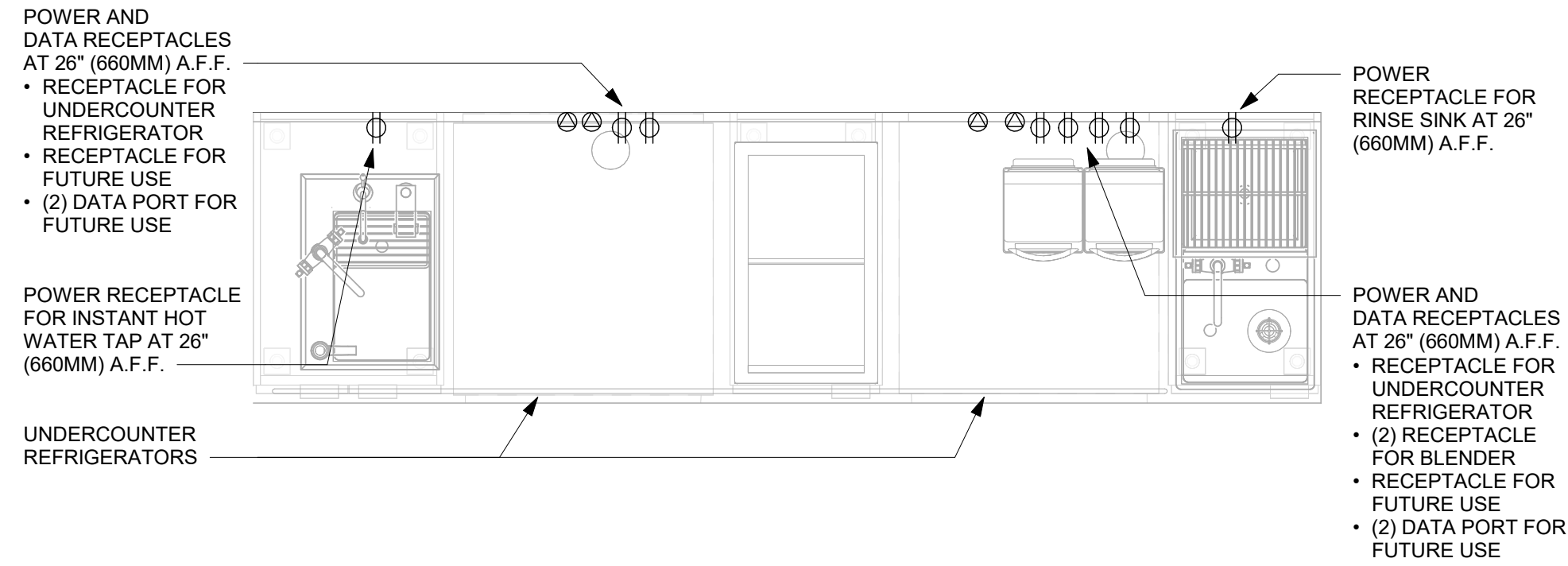
SHEET TITLE:
ELECTRICAL DETAILS

SCALE: AS SHOWN

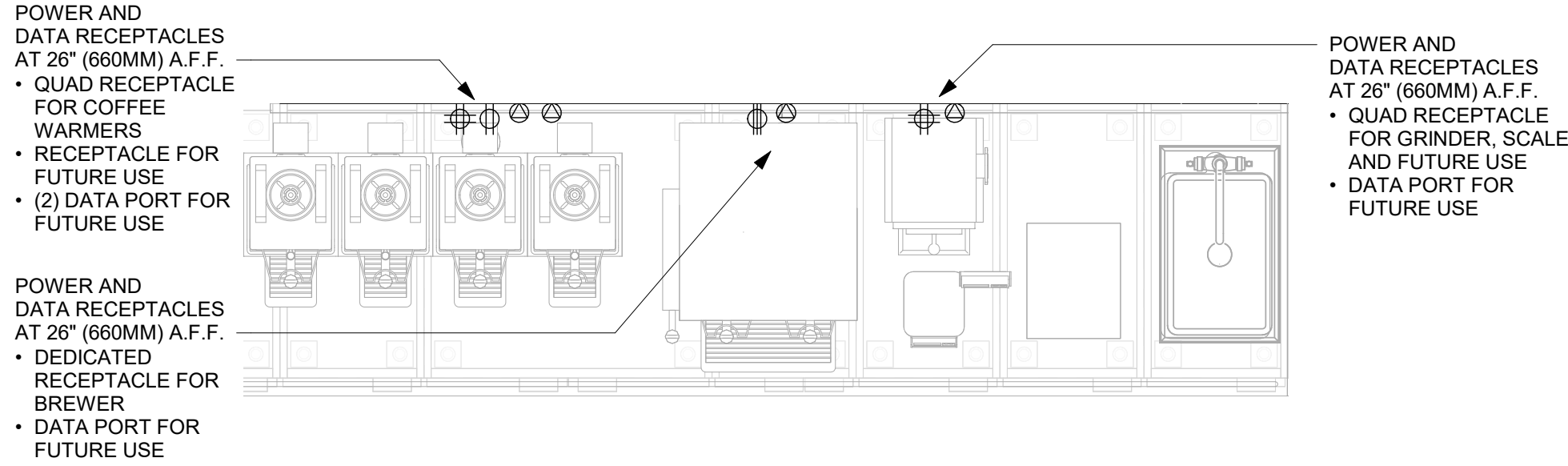
SHEET NUMBER:
E501



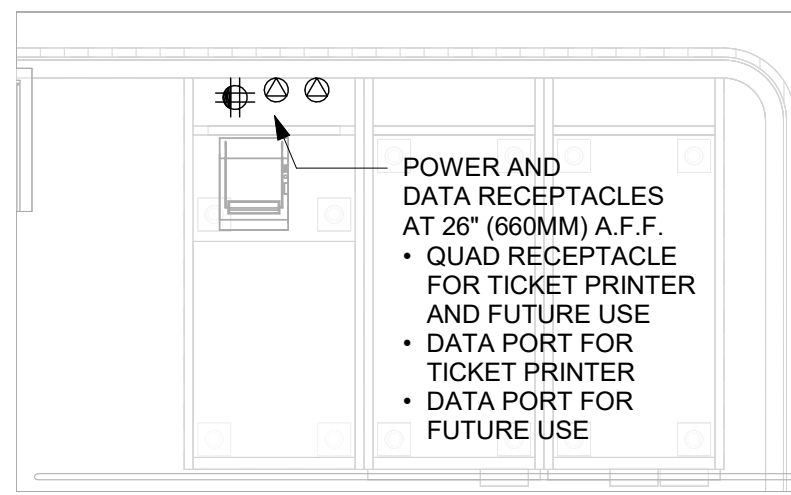
3 NIT 12-01 - ELECTRICAL
3/4" = 1'-0"



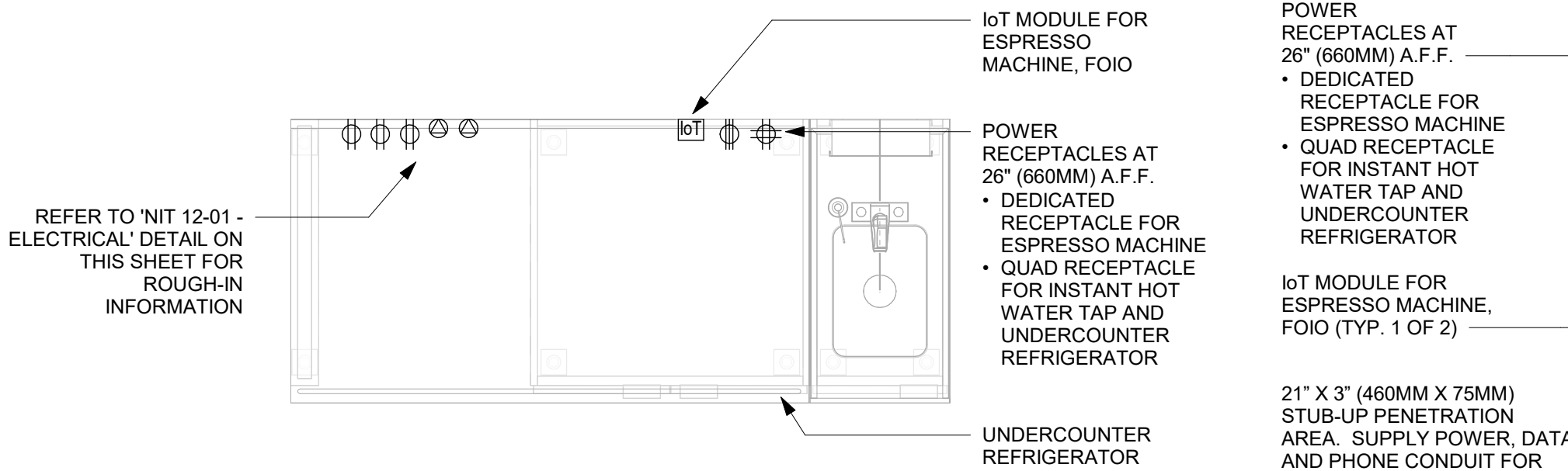
2 CBE 02-04 - ELECTRICAL
3/4" = 1'-0"



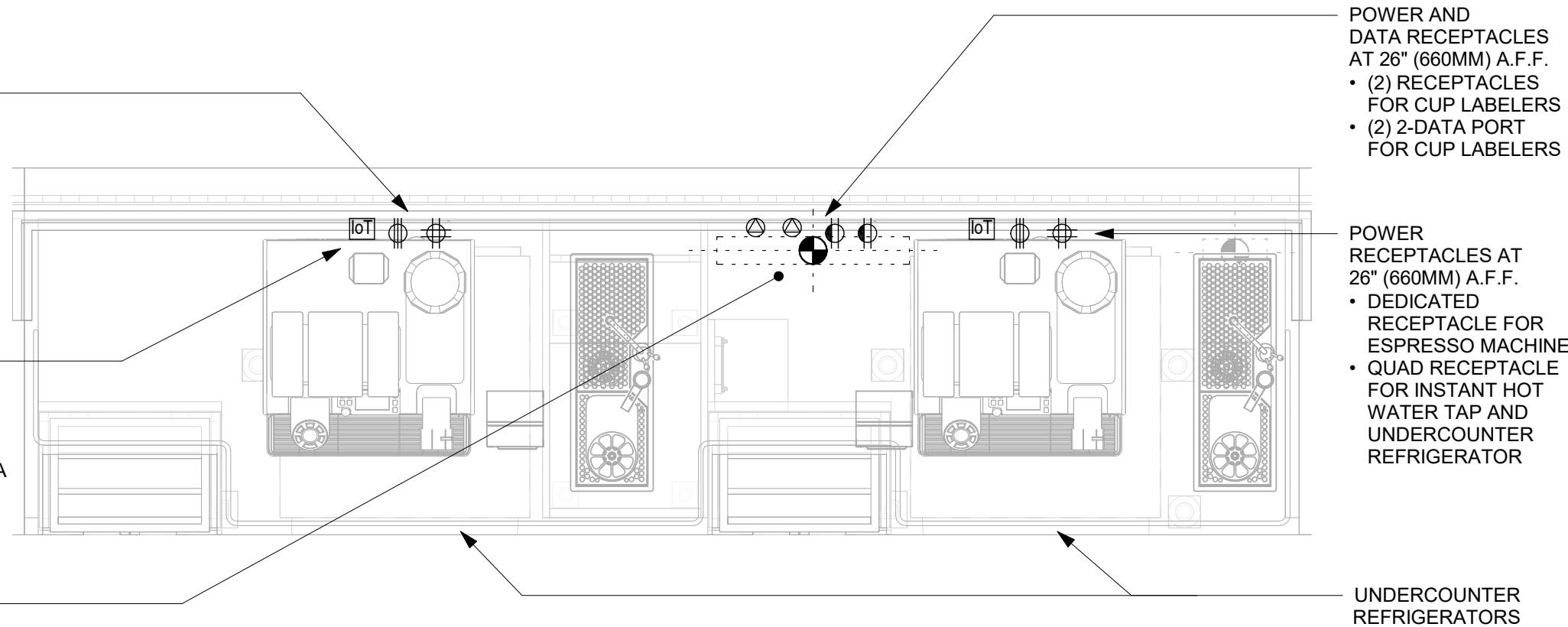
1 BRW 03-02 - ELECTRICAL
3/4" = 1'-0"



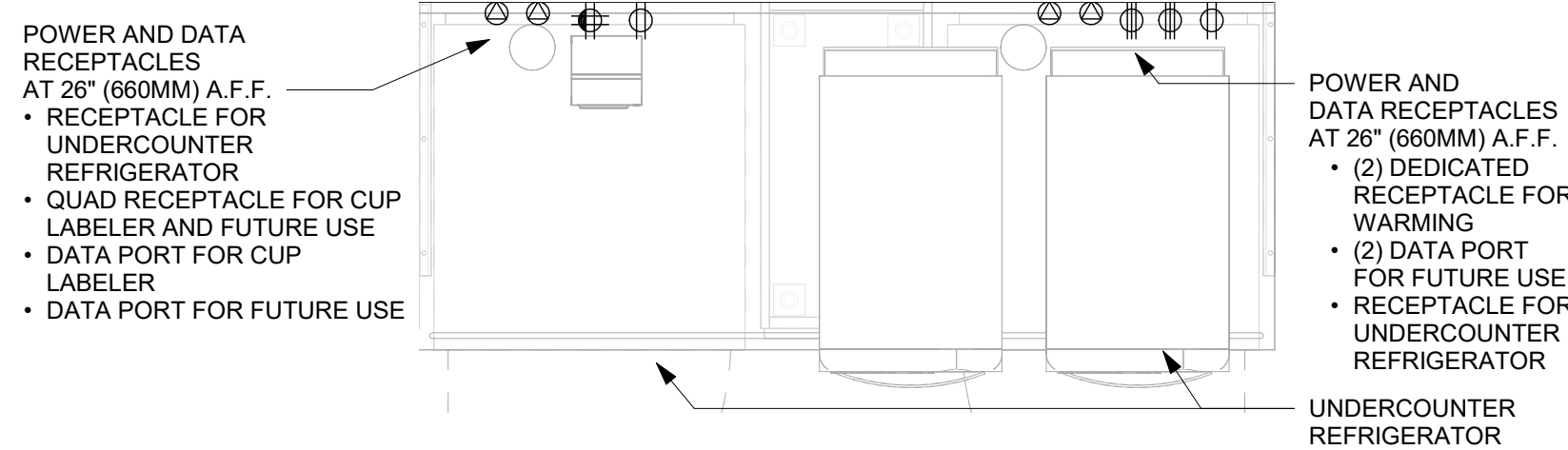
6 MOP 03-02 - ELECTRICAL
3/4" = 1'-0"



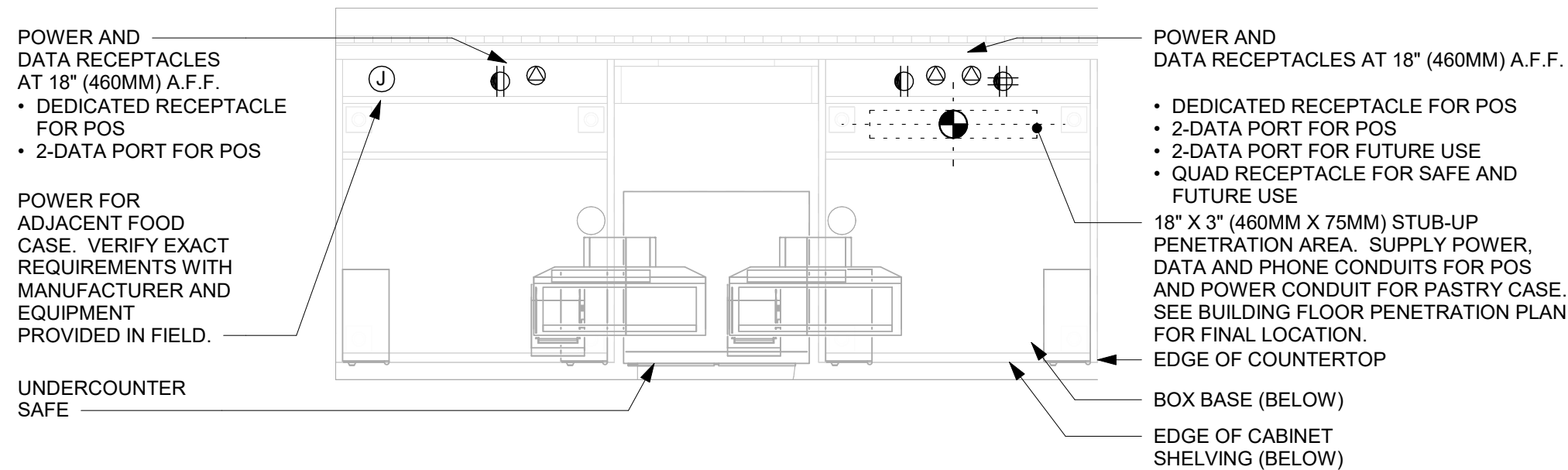
4 DTE 05-04 - ELECTRICAL
3/4" = 1'-0"



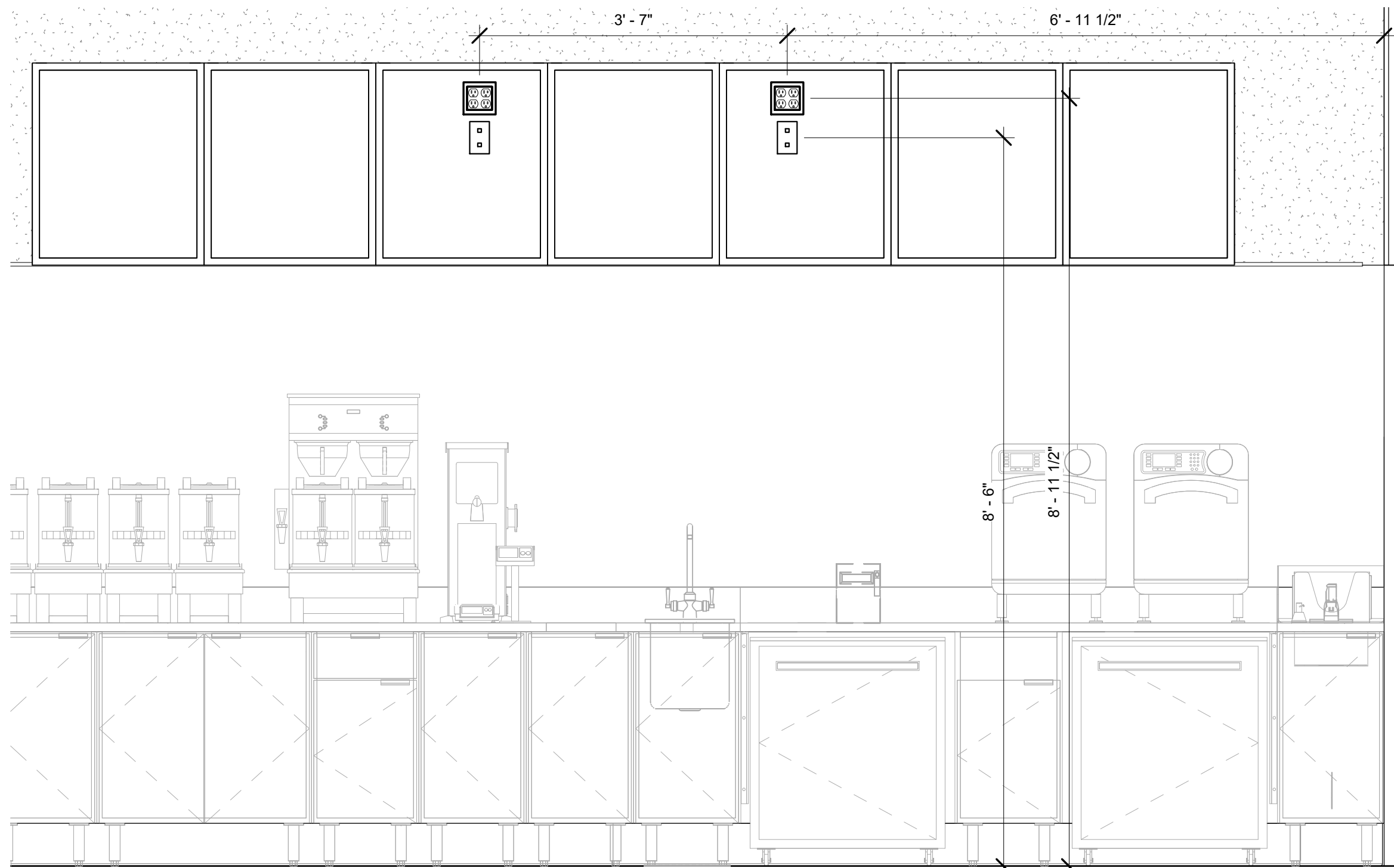
5 ESP 10-01 - ELECTRICAL
3/4" = 1'-0"



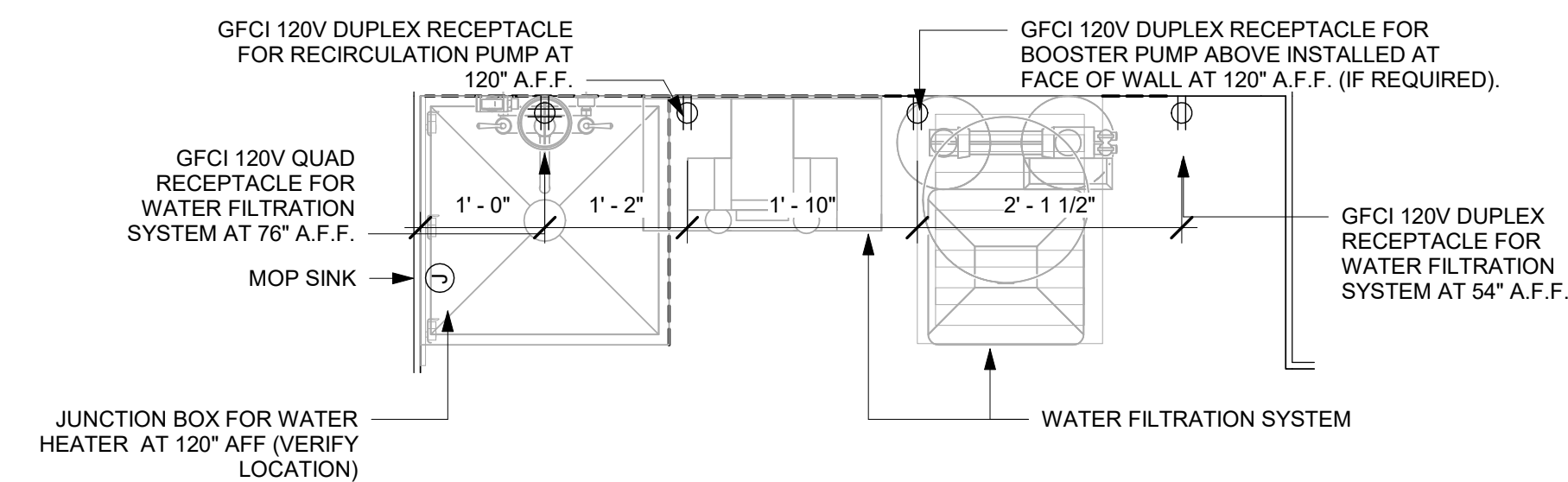
8 WRM 06-01 - ELECTRICAL
3/4" = 1'-0"



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



10 MENU BOARD ELEVATION
3/4" = 1'-0"



9 WATER FILTRATION
3/4" = 1'-0"



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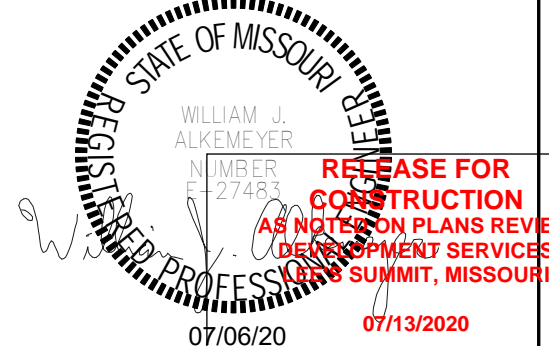
STARBUCKS TEMPLATE VERSION i2020-01-31

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Engineering Consultant

120-20



PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
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STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NJD/BMS

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
ELECTRICAL DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
E502

REVISION 1 SET - ISSUED 07.07.2020

Panel: A

Mounting: Recessed
Enclosure: Type 1
AIC Rating: By Landlord

Volts: 120/208 Wye
Phases: 3
Wires: 4
Responsibility: Landlord

MCB Rating: 400A MLO
Mains Type: CU
Mains Rating: 400 A

CKT	Schedule Circuit Notes	Trip	Poles	A		B		C		Poles	Trip	Schedule Circuit Notes	CKT
E 1	EF-1	20 A	1	528 VA	5536 VA								2
G 3	REACH-IN REFRIGERATOR	20 A	1			1344 VA	5536 VA			3	60 A	RTU-1	4
E 5	DRIVE-THRU WINDOW	20 A	1					600 VA	5536 VA				6
E 7	PATIO STRING LIGHTS	20 A	1	180 VA	5536 VA								8
G 9	REACH-IN REFRIGERATOR/FREEZER	20 A	1			1164 VA	5536 VA			3	60 A	RTU-2	10
G 11	REACH-IN FREEZER	20 A	1					1152 VA	5536 VA				12
G 13	PARTNER DESK	20 A	1	1560 VA	1080 VA					1	20 A	RECEPTACLES: EXTERIOR	14
G 15	CUP LABELERS/PRINTER	20 A	1			960 VA	0 VA			1	20 A	SPARE	16
G 17	U.C. REFRIGERATOR (X3)	20 A	1					1440 VA	3328 VA				18
G 19	GRINDER/SCALE	20 A	1	1660 VA	3328 VA					2	40 A	HEATED AIR CURTAIN	20
G 21	COFFEE WARMERS/FUTURE POWER	20 A	1			540 VA	2288 VA						22
G 23	INSTA-HOT/U.C. FRIG	20 A	1					1836 VA	2288 VA	2	30 A	TURBO CHEF	24
G 25	NITRO SYSTEM	20 A	1	990 VA	2288 VA								26
G 27	FUTURE POWER/PITCHER RINSER	20 A	1			660 VA	2288 VA			2	30 A	TURBO CHEF	28
G 29	BLENDER	20 A	1					1200 VA	4170 VA				30
G 31	BLENDER	20 A	1	1200 VA	4170 VA					2	50 A	DUEL BREWER	32
G 33	U.C. REFRIGERATOR (X2)	20 A	1			960 VA	2901 VA						34
G 35	INSTA-HOT WATER TAP	20 A	1					1301 VA	2901 VA	2	40 A	ESPRESSO MACHINE	36
G 37	INSTA-HOT/U.C. FRIG	20 A	1	1836 VA	2901 VA								38
G 39	INSTA-HOT/U.C. FRIG	20 A	1			1836 VA	2901 VA			2	40 A	ESPRESSO MACHINE	40
G 41	SAFE	20 A	1					360 VA	2901 VA				42
G 43	POS REGISTER	20 A	1	360 VA	2901 VA					2	40 A	ESPRESSO MACHINE	44
G 45	POS REGISTER	20 A	1			360 VA	1799 VA						46
47	FOOD CASE	20 A	2					708 VA	1799 VA	2	20 A	ICE MACHINE	48
49		20 A	2	708 VA	3172 VA								50
G 51	SPARE	20 A	1			0 VA	3172 VA			2	50 A	SANITIZING STATION	52
G 53	SPARE	20 A	1			0 VA	0 VA	0 VA	0 VA	1	20 A	SPARE	54
55				0 VA	0 VA					1	20 A	SPARE	56
57	SURGE PROTECTION	40 A	3			0 VA	0 VA			1	20 A	SPARE	58
59						0 VA	0 VA			1	20 A	SPARE	60
Total Load:				47643 VA		40876 VA		43416 VA					
Total Amps:				400 A		341 A		365 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 = E = EXISTING BY LANDLORD

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	33745 VA	100.00%	33745 VA		
Kitchen Equipment - Non-Dwelling Unit	70210 VA	65.00%	45637 VA		
Lighting - General	990 VA	125.00%	1238 VA		
Power - General	2280 VA	100.00%	2280 VA		
Receptacle	23340 VA	71.42%	16670 VA		
Lighting	1369 VA	125.00%	1712 VA		
				Total Conn. Load:	131934 VA
				Total Est. Demand:	101280 VA
				Total Conn.:	366 A
				Total Est. Demand:	281 A

Panel: B

Mounting: Recessed
Enclosure: Type 1
AIC Rating: By Landlord

Volts: 120/208 Wye
Phases: 3
Wires: 4
Responsibility: Landlord

MCB Rating: 400A MLO
Mains Type: CU
Mains Rating: 400 A

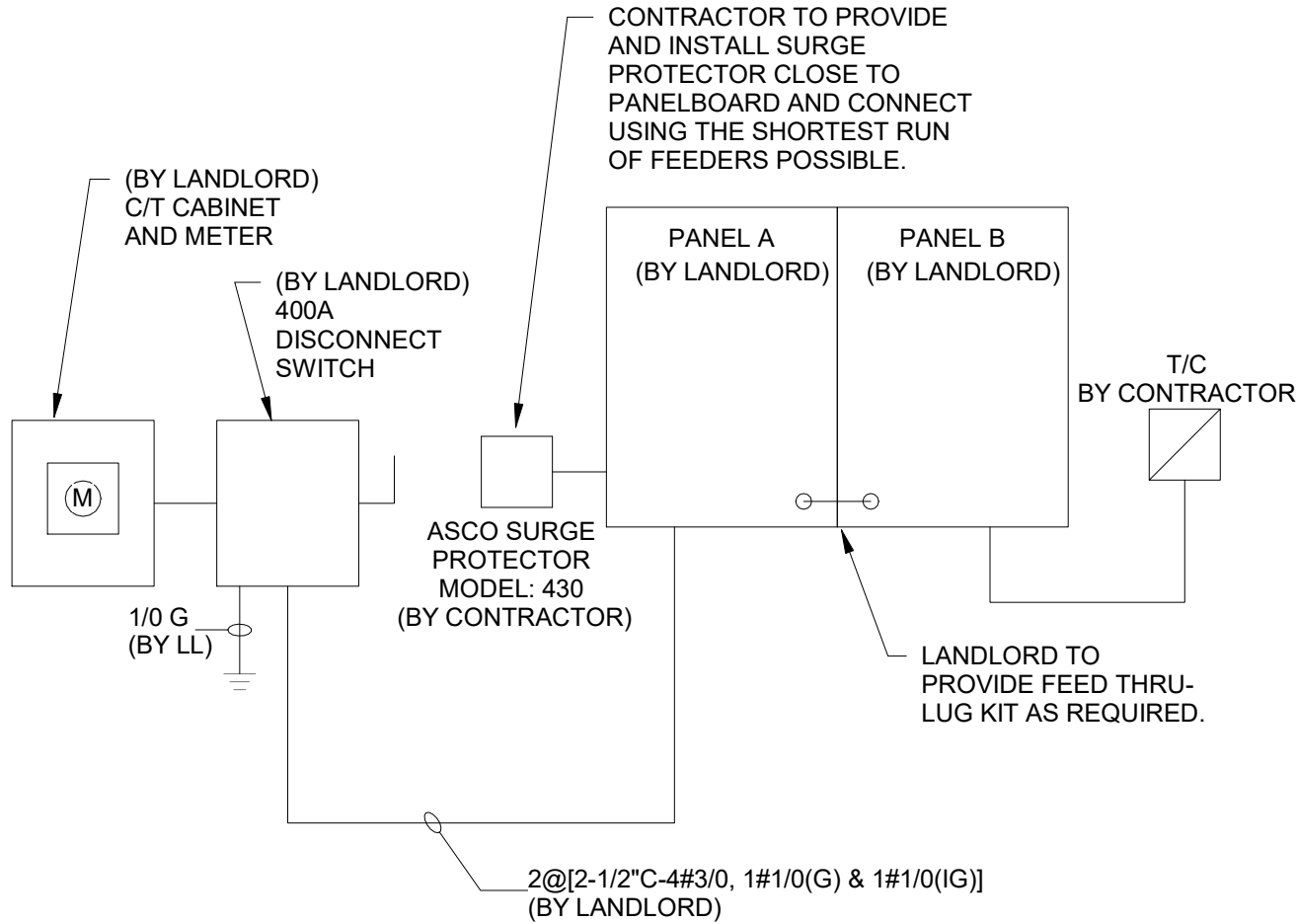
CKT	Schedule Circuit Notes	Trip	Poles	A		B		C		Poles	Trip	Schedule Circuit Notes	CKT
G 1	TIME CLOCK	20 A	1	120 VA	1308 VA					1	20 A	CAFE LIGHTING	2
G 3	BOH/RR LIGHTING	20 A	1			331 VA	720 VA			1	20 A	EXTERIOR SIGNS	4
G 5	DRIVE-THRU EQUIPMENT	20 A	1					720 VA	1080 VA	1	20 A	DRIVE-THRU EQUIPMENT	6
G 7	DRIVE-THRU EQUIPMENT	20 A	1	360 VA	600 VA					1	20 A	WATER HEATER	8
G 9	WATER FILTER SYSTEM	20 A	1			1440 VA	360 VA			1	20 A	RECIRC/BOOSER PUMP	10
G 11	RESTROOM FAUCET/SOAP DISPENSERS	20 A	1					720 VA	1440 VA	1	20 A	RESTROOM HAND DRYER	12
G 13	RESTROOM HAND DRYER	20 A	1	1440 VA	1481 VA					1	20 A	WATER FILLING STATION	14
G 15	BANQUETTE POWER	20 A	1			720 VA	1080 VA			1	20 A	CAFE CONVENIENCE RECEPTACLES	16
G 17	CAFE CONVENIENCE RECEPTACLES	20 A	1					1260 VA	540 VA	1	20 A	CAFE CONVENIENCE RECEPTACLES	18
G 19	SHOW WINDOW RECEPTACLES	20 A	1	360 VA	1080 VA					1	20 A	MANAGERS DESK POWER	20
G 21	MANAGERS DESK POWER	20 A	1			720 VA	360 VA			1	20 A	MANAGERS DESK POWER	22
G 23	MONUMENT SIGN	20 A	1					500 VA	100 VA	1	20 A	DRIVE-THRU DIRECTIONAL SIGN	24
G 25	DOS CONTROL BOX	20 A	1	600 VA	360 VA					1	20 A	MENU/PRE-MENU/CANOPY LIGHT	26
G 27	PANEL SERVICE RECEPTACLE	20 A	1			180 VA	720 VA			1	20 A	FUTURE DIGITAL MENU BOARD	28
G 29	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	30
G 31	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	32
G 33	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	34
G 35	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	36
G 37	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	38
G 39	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	40
41	--	--	--					0 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:				7709 VA		6631 VA		6360 VA					
Total Amps:				65 A		56 A		53 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	2141 VA	90.00%	1927 VA		
Lighting - General	990 VA	125.00%	1238 VA		
Power - General	1680 VA	100.00%	1680 VA		
Receptacle	14520 VA	84.44%	12260 VA		
Lighting	1369 VA	125.00%	1712 VA		
				Total Conn. Load:	20700 VA
				Total Est. Demand:	18816 VA
				Total Conn.:	57 A
				Total Est. Demand:	52 A

WIRE SIZING SCHEDULE			
BREAKER	WIRE SIZE	GROUND	CONDUIT
20A-1P	(2) #12	#12	3/4"
20A-2P	(3) #12	#12	3/4"
20A-3P	(4) #12	#12	3/4"
30A-1P	(2) #10	#10	3/4"
30A-2P	(3) #10	#10	3/4"
30A-3P	(4) #10	#10	3/4"
40A-2P	(3) #8	#10	3/4"
40A-3P	(4) #8	#10	1"
50A-2P	(3) #6	#10	1"
50A-3P	(4) #6	#10	1"
60A-2P	(3) #4	#10	1"
60A-3P	(4) #4	#10	1-1/4"
70A-3P	(4) #4	#8	1-1/4"
80A-3P	(4) #3	#8	1-1/4"
90A-3P	(4) #2	#8	1-1/4"
100A-3P	(4) #2	#8	1-1/4"
125A-3P	(4) #1	#6	1-1/2"
150A-3P	(4) #1/o	#6	2"
200A-3P	(4) #3/o	#6	2"



1 ONE-LINE DIAGRAM

SCALE: NTS

ONE-LINE NOTES:

LANDLORD TO PROVIDE NEW 400A, 120/208V-3PH ELECTRICAL SERVICE TO SPACE INCLUDING INSTALLATION OF ANY REQUIRED CT'S AND METERING AND DISCONNECT IN SPACE. LANDLORD SHALL ALSO PROVIDE, INSTALL AND CONNECT ELECTRICAL SERVICE TO, TWO (2) 400 AMP RATED ELECTRICAL PANELS.

WIRE AND CONDUIT SIZES SHOWN ARE FOR COPPER CONDUCTORS WITH 75°C RATED INSULATION. LANDLORD CONTRACTOR TO PROVIDE PROPERLY SIZED CONDUIT & WIRE TO COMPENSATE FOR ALUMINUM FEEDERS OR VOLTAGE DROP AS REQUIRED.

CONTRACTOR IS RESPONSIBLE FOR, BUT NOT LIMITED TO, ALL WORK DOWNSTREAM OF LANDLORD PROVIDED ELECTRICAL PANELS.

ALL WORK SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS AND LOCAL CODE. CONTRACTOR BID SHALL INCLUDE ALL WORK NECESSARY FOR A FULLY OPERATIONAL SYSTEM.

LANDLORD SHALL CONTACT THE ELECTRIC UTILITY CO. TO VERIFY ALL DETAILS OF NEW SERVICE IF EXISTING BUILDING ELECTRICAL SERVICE IS NOT ADEQUATE AND IS RESPONSIBLE FOR ANY FEES.

CONTRACTOR IS RESPONSIBLE FOR A COMPLETE AND OPERATIONAL SYSTEM IN COMPLIANCE WITH NEC AND ALL STATE AND LOCAL CODES.

REVISION 1 SET - ISSUED 07.07.2020



STARBUCKS®
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.
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St. Louis, Missouri 63119
Phone (314) 772-1782
Fax (314) 373-3514

Engineering Consultant

120-20



PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: NJD/BMS

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**ELECTRICAL PANEL
SCHEDULES**
SCALE: AS SHOWN

SHEET NUMBER:

E601

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
100267	5	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	SB	GC	
10970	1	FRIDGE REACH IN 1 DOOR LH - 29IN 735MM	SB	GC	
11083	2	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	SB	GC	
12618	2	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB	GC	
13676	1	FREEZER REACH IN 1 DOOR RH - 27IN 685MM	SB	GC	
13882	1	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB	GC	
20011	1	FRIDGE NITRO 2 TAP JT NITCOM RH	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	
12407	2	OVEN TURBOCHEF NEXT GENERATION	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	
12508	1	BLENDER QUIET MODEL ON COUNTER - BACK-UP	SB	GC	TO BE STORED IN BACK OF HOUSE UNLESS NEEDED
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.
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	
20079	1	NITRO 2 TAP BADGE MOUNT BACKBAR LH	SB	GC	
20080	1	NITRO 2 TAP BADGE MOUNT BACKBAR RH	SB	GC	
X0009	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
X0011	2	SOAP DISPENSER - STERN	GC	GC	STERN. GREENCHROME 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
STORAGE					
10222	2	WIRE SHELF GRID AT SINK	SB	GC	
10416	9	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	9	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
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 510X680MM	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					
13164	1	SIGN - DISK SF ILLUMINATED FLUSH MOUNTED EVOLVED - 60IN 1525MM	SB	LL/ 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/LL	LL TO FURNISH AND INSTALL CONCRETE FOOTINGS, ANCHOR BOLTS, AND ELECTRICAL CONDUIT PER LLWL. GC TO COORDINATE WITH SBUX VENDOR
14106	1	SIGN - DT CLEARANCE BAR ARROW SERIES FREESTANDING	SB	GC/LL	LL TO FURNISH AND INSTALL CONCRETE FOOTINGS AND ANCHOR BOLTS PER LLWL. GC TO COORDINATE WITH SBUX VENDOR
SIGNAGE - OTHER					
19388	2	SIGN - 10 MINUTE PARKING	SB	LL/ HILTON	FOOTING & POST BY LL. SIGN BY SBUX SIGNAGE VENDOR
X0002	1	MONUMENT SIGN PANELS	SB/ HILTON	HILTON/ LL	BASE SIGN FOOTING AND ELECTRICAL BY LL. PANELS BY SIGNAGE VENDOR. LL TO COORDINATE WITH SIGNAGE VENDOR
SIGNAGE - WORDMARK					
X0007	1	SIGN - FAUX NEON GREEN WORDMARK STARBUCKS WITH WHITE INTERIOR & SURROUND. FLUSH MOUNTED - 18IN 455MM	SB	LL/ HILTON	FAUX NEON GREEN WORDMARK. LL TO PROVIDE CONDUIT AND BLOCKING AS REQUIRED.

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	3	SPEAKER RECESSED - WHITE	SB	GC	
10017	2	SPEAKER SURFACE MOUNTED - BLACK	SB	GC	
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	2	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-NH2.
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	2	FAUCET - HOT WATER DISPENSER 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	
X0010	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
FILTER					
12501	1	FILTER - RO SYSTEM 600GPD	SB	SB	CONFIGURATION [I][I]. GC TO COORDINATE WITH SBUX VENDOR.
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB	SB	CONFIGURATION [I][I]. GC TO COORDINATE WITH SBUX VENDOR.
12896	1	FILTER - BRINE TANK	SB	SB	CONFIGURATION [I][I]. GC TO COORDINATE WITH SBUX VENDOR.
12899	2	FILTER - POLY GLASS VESSEL	SB	SB	CONFIGURATION [I][I]. GC TO COORDINATE WITH SBUX VENDOR.
13076	1	FILTER - PREFILTRATION SYSTEM	SB	SB	CONFIGURATION [I][I]. GC TO COORDINATE WITH SBUX VENDOR.
13082	1	FILTER - WATER SOFTENER TWIN	SB	SB	CONFIGURATION [I][I]. GC TO COORDINATE WITH SBUX VENDOR.
13149	1	FILTER - PRESSURE GAUGE	SB	SB	CONFIGURATION [I][I]. GC TO COORDINATE WITH SBUX VENDOR.
OTHER					
13384	1	WATER HEATER TANK GAS	GC	GC	AO SMITH CYCLONE XI MODEL #BTX-100, 129 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	
12807	1	SINK - UTENSIL RINSE WITH GRATE SST - LH - 14X20IN 355X510MM	SB	GC	
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	SB	GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC	
17565	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X685MM	SB	GC	
17632	1	SINK - STACKED DRAINBOARD - 15IN 380MM	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
19277	2	SINK - COUNTERTOP RINSER WITH DRAIN TROUGH - 26X9IN 660X235MM	SB	GC	
X0012	2	SINK - D13	GC	GC	D113 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: D113 WHITE. ORDER WITH LOCKING SLIDING DOOR & SECURITY PANEL. CONTACT: D113 GROUP. 245 WEST CENTRAL STREET, NATICK, MA 01760. PH: 617-307-1140. WWW.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)

12501	1	FILTER - RO SYSTEM 600GPD	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
12896	1	FILTER - BRINE TANK	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
12899	2	FILTER - POLY GLASS VESSEL	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
13076	1	FILTER - PREFILTRATION SYSTEM	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
13082	1	FILTER - WATER SOFTENER TWIN	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
13149	1	FILTER - PRESSURE GAUGE	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
OTHER					
13384	1	WATER HEATER TANK GAS	GC	GC	AO SMITH CYCLONE XI MODEL #BTX-100, 129 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	
12807	1	SINK - UTENSIL RINSE WITH GRATE SST - LH - 14X20IN 355X510MM	SB	GC	
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	SB	GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC	
17565	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X685MM	SB	GC	
17632	1	SINK - STACKED DRAINBOARD - 15IN 380MM	SB	GC	
18743	1	SINK - WATER FILLING STATION - 36X24IN 915X610MM	SB	GC	
19277	2	SINK - COUNTERTOP RINSE WITH DRAIN TROUGH - 26X9IN 660X235MM	SB	GC	
X0012	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
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

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	INCLUDED AS PART OF DT WINDOW PACKAGE. READY ACCESS AA300-275 PASS THRU AIR CURTAIN SYSTEM. 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 ELECTRICAL POWER.
OTHER					
17797	1	ENERGY MANAGEMENT SYSTEM - HVAC ONLY	SB	GC	
X0028	3	ACCESS PANELS	GC	GC	BAUCO PLUS3 III SINGLE LEAF CEILING ACCESS PANEL. TOUCH LATCH. CONCEALED HARDWARE. CONTACT: 250.592.0033 / INFO@ACCESSPANELSOLUTIONS.COM FINISH TO MATCH HOST CEILING

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	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE CONDUIT, FOOTING, AND ANCHOR BOLTS PER LLWL.
14120	1	MENU BOARD - DT PRE MENU FREESTANDING - 36X65IN 915X1650MM - FLAT BLACK MT0028	SB	SB	PROVIDED AND INSTALLED BY SIGNAGE VENDOR. LANDLORD GC TO PROVIDE FOOTING & ELECTRICAL AS SPECIFIED PER LLWL.
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 PER LLWL.
OTHER					
14103	11	BOLLARD NONILLUMINATED SQUARE - FLAT BLACK MT0028	LL	LL	SUPPLIER/INSTALLER: LL. DSA PHOTOTECH. SEE DETAILS.
14163	1	DT ORDER POINT CANOPY FREESTANDING - FLAT BLACK MT0028	SB	SB	SUPPLIER: DT SIGNAGE VENDOR (DSA). INSTALLER: REGIONAL SIGNAGE VENDOR. LL TO PROVIDE AND INSTALL CONDUIT, FOOTING, AND ANCHOR BOLTS PER LLWL.
18818	4	LIGHT POLE - 10FT 300CM - FLAT BLACK MT0028	LL	LL	
18820	4	LIGHT POLE BASE PLATE - FLAT BLACK MT0028	LL	LL	
X0001	2	VEHICLE DETECTOR LOOP	SB	GC/LL	SUPPLIER: DT AUDIO VENDOR (HME). INSTALLER:GC. LL TO PROVIDE CONDUIT PER LLWL.
X0004	5	PLANTER BOXES - 84X36X18IN	LL	LL	LL TO PROVIDE DRAINAGE AND AUTOMATED IRRIGATION PER LLWL REQUIREMENTS. LL TO PROVIDE SPEC TO DESIGNER FOR APPROVAL.
X0008	1	BIKE RACK - OLYMPIA	LL	LL	FORMS & SURFACES: OLYMPIA BIKE RACK. WWW.FORMS-SURFACES.COM; INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
X0009	20	NATIVE PLANTS FOR PLANTER BOXES	LL	LL	LANDSCAPING SELECTION AND QTY VERIFICATION BY LANDLORD. PROVIDE DRAUGHT-RESISTANT, NATIVE PLANTS WITH MINIMUM MAINTENANCE REQUIREMENTS.
UMBRELLA					
12147	3	UMBRELLA - BASE 95LB 43KG - FLAT BLACK MT0028	SB	GC	
20075	3	UMBRELLA - WITHOUT VALANCE - 6FT 183CM - BLACK CANVAS WITH WORDMARK F0061	SB	GC	

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

SYSTEM COMMISSIONING

CONTRACTOR RESPONSIBILITIES FOR BUILDING COMMISSIONING	
CONTRACTOR SHALL PROVIDE SUPPORT AND WORK AS SPECIFIED, NEEDED AND REQUIRED TO CONDUCT AND FACILITATE STARBUCKS STAFF BUILDING COMMISSIONING EFFORTS. THIS WORK WILL BE COMPRISED OF THREE DISTINCT EFFORTS: 1. SUPPORT STARBUCKS COMMISSIONING AGENT (CXA) DURING INSTALLATION VERIFICATION AND CORRECT DISCLOSED DEFICIENCIES. 2. PERFORM TESTING, ADJUSTING, BALANCING AND SYSTEM STARTUP AND SUPPORT FUNCTIONAL PERFORMANCE TESTING BY STARBUCKS CXA. 3. CORRECT DEFICIENCIES DISCLOSED BY FUNCTIONAL PERFORMANCE TESTING AND SUBMIT REPORTS.	
CONTRACTOR SHALL PERFORM AND PROVIDE THE FOLLOWING:	
A. SYSTEMS SUBJECT TO COMMISSIONING MAY INCLUDE , BUT ARE NOT LIMITED TO DOMESTIC HOT WATER GENERATION, HVAC SYSTEMS, ROOFTOP UNITS, EXHAUST, HVAC CONTROLS, LIGHTING CONTROLS, AIR CURTAINS, BUILT-IN REFRIGERATION, EQUIPMENT AND RENEWABLE ENERGY SYSTEMS.	
B. CONTRACTOR SHALL PROVIDE WRITTEN RESPONSES TO ALL CXA'S REVIEWS AND COMMENTS. RESPONSES SHALL BE PROVIDED IN A TIMELY MANNER.	
C. CONTRACTOR SHALL INCLUDE COMMISSIONING ACTIVITIES IN PROJECT SCHEDULE AND SHOW INTERVALS FOR PERFORMANCE OF WORK FOR WHICH CONTRACTOR IS RESPONSIBLE AND INTERVALS FOR WORK PERFORMED BY STARBUCKS CXA. CONTRACTOR SHALL SHOW RESOURCES FOR PERFORMING ALL WORK RELATED TO COMMISSIONING ACTIVITIES ON A LINE ITEM IN THE SCHEDULE OF VALUES.	
D. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND ALL CONTRACT DOCUMENTS. ENSURE THAT ALL EQUIPMENT IS INSTALLED TOTALLY COMPLETE AND ACCESSIBLE TO STARBUCKS CXA FOR INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING PRIOR TO THE SCHEDULED START OF INSTALLATION VERIFICATION.	
E. CONTRACTOR SHALL COMPLETE MANUFACTURER'S STARTUP PROCEDURES PRIOR TO COMMISSIONING COORDINATION WITH CXA.	
F. CONTRACTOR SHALL BE READILY AVAILABLE DURING INSTALLATION VERIFICATION TO CORRECT ANY DEFICIENCIES OR DEFECTS IS CLOSED BY THE INSTALLATION VERIFICATION PROCESS. CORRECTIONS SHALL BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION OF THE CONSTRUCTION SCHEDULE.	
G. ALL HVAC EXHAUST FAN AND AIR CURTAIN EQUIPMENT SHALL BE TESTED, ADJUSTED AND BALANCED BY THE CONTRACTOR'S TESTING, ADJUSTING AND BALANCE AGENT (SEE TESTING ADJUSTING AND 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.	
H. PROVIDE A LIST OF ALL FACTORY AND FIELD SETTINGS THAT HAVE BEEN PROGRAMMED INTO THE EQUIPMENT (SUCH AS SETPOINTS, SCHEDULES, DIP SWITCH SETTINGS, CONDENSER AND EVAPORATOR OPERATING PRESSURE/TEMPERATURE, ETC...).	
I. CONTRACTOR SHALL INFORM STARBUCKS CXA WHEN EQUIPMENT IS READY FOR FUNCTIONAL PERFORMANCE TESTING. ALL EQUIPMENT SHALL BE READY FOR FUNCTIONAL PERFORMANCE TESTING PRIOR TO STARTING TESTING. THIS INCLUDES REHEARSING ALL FUNCTIONAL PERFORMANCE TESTS BEFORE DEMONSTRATING TO THE CXA. CONTRACTOR SHALL OPERATE EQUIPMENT FOR STARBUCKS CXA AND VERIFY BY DEMONSTRATING THE CORRECT OPERATION OF EQUIPMENT, SENSOR CALIBRATION, ACTUATOR AND PROPER EXECUTION OF HVAC CONTROL AND LIGHTING SEQUENCES, INCLUDING BUT NOT LIMITED TO AIR MOVEMENT, TEMPERATURE, SOUND AND CONTROL RESPONSE. PROVIDE ANY SECURITY ACCESS, HARDWARE, SOFTWARE OR OTHER SUPPORT AS NEEDED FOR THE STARBUCKS CXA TO EFFICIENTLY WITNESS AND DOCUMENT ALL EQUIPMENT TESTING. STARBUCKS CXA WILL RECORD THE EQUIPMENT OPERATION AND RESPONSE TO TESTING SEQUENCES AND PREPARE A LIST OF ANY DEFICIENCIES DISCLOSED BY THE FUNCTIONAL PERFORMANCE TESTS FOR CORRECTION BY THE CONTRACTOR. EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, AIR HANDLING UNITS, ROOFTOP AND SPLIT TYPE, CONDENSING UNITS, EXHAUST FANS, LIGHTING CONTROLS, ETC... DELIVERABLES: PROVIDE COMPLETED COPIES OF ALL START UP REPORTS, FILLED OUT ON THE MANUFACTURER'S FORMS, TO THE STARBUCKS CXA.	
J. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES DISCLOSED DURING THE FUNCTIONAL PERFORMANCE TESTING PROCESS. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE.	
K. CONTRACTOR SHALL BE READILY AVAILABLE FOR ANY RE-TESTING OF EQUIPMENT DEEMED NECESSARY BY STARBUCKS CXA DURING INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TESTING. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ISSUES OR DEFICIENCIES FOUND IN THE SYSTEM DURING ANY AND ALL RE-TESTING. CORRECTIONS SHOULD BE MADE IN A TIMELY MANNER WITHOUT DISRUPTION TO THE SYSTEM AND CONSTRUCTION SCHEDULE. DELIVERABLES: FINAL BALANCE REPORT, DEFICIENCIES LIST NOTING CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.	
L. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED BY LEED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.	

SYSTEM COMMISSIONING (continued)

M. CONTRACTOR SHALL PROVIDE A TRAINING PLAN FOR EACH TRADE (MECHANICAL, ELECTRICAL, PLUMBING, RENEWABLE SYSTEMS) FOR THE CXA'S APPROVAL. THE TRAINING PLAN SHALL OUTLINE ALL THE TOPICS THAT ARE TO BE COVERED ALONG WITH THE TIME DEDICATION FOR EACH TOPIC. IT SHALL ALSO INCLUDE THE INSTRUCTOR'S NAME, QUALIFICATIONS AND COMPANY LOGO.	
N. THE CONTRACTOR IS RESPONSIBLE FOR RECORDING ATTENDANCE FOR EACH TRAINING SESSION. COPIES OF THESE SHALL BE SUBMITTED TO THE CXA.	
O. CONTRACTOR SHALL SUBMIT 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" (51MM) MERV6 PLEATED DISPOSABLE FILTERS (OR HIGHER RATING IF REQUIRED BY LEED). USE ONE SET UNTIL COMPLETION OF CONSTRUCTION. INSTALL ONE SET AT COMPLETION OF CONSTRUCTION (PRIOR TO TAB) AND DELIVER ONE SET OF MERV13 FILTERS TO STARBUCKS LABELED TO DENOTE THEIR RESPECTIVE AIR HANDLING UNIT.

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

DUCTWORK AND ACCESSORIES

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

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

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

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

TESTING, ADJUSTING, BALANCING

INDEPENDENT AIR BALANCE CONTRACTOR OR QUALIFIED MECHANICAL CONTRACTOR SHALL BE QUALIFIED BY NEBB OR AABC STANDARDS. BALANCER SHALL ACCURATELY BALANCE THE SUPPLY, RETURN AND OUTSIDE AIR, EXHAUST FAN(S), HYDRONIC (WHERE APPLICABLE) AND EXHAUST FAN(S) SYSTEMS TO PROVIDE AIR AND WATER QUANTITIES WITHIN 10% PLUS MINUS OF THE VALUES INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS UNLESS MANUFACTURER REQUIRES TIGHTER TOLERANCES. OPERATE AUTOMATIC CONTROLS SYSTEMS AND VERIFY SETPOINTS FOR THERMOSTATS, 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, C, ARL, ASME, ASTM, UL, NEMA, ANSI, SMACNA, ASHRAE, NFPA, AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

CODES
ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE PROVINCIAL AND LOCAL CODES AND ORDINANCES. IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND PROJECT MANUAL AND THE CODES AND ORDINANCES, USE WHICHEVER IS MORE STRINGENT. THE MECHANICAL CONTRACTOR SHALL SATISFY CODE REQUIREMENTS AS A MINIMUM STANDARD WITHOUT ANY EXTRA COST TO STARBUCKS.

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

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

LANDLORD REQUIREMENTS

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



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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 OF 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 ANY TIME) 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



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Engineering Consultant

120-20



PROJECT NAME:
BUILDOUT OF STARBUCKS COFFEE - NW PRYOR RD & CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: DMC

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL NOTES

SCALE: AS SHOWN

SHEET NUMBER:
M001

REVISION 1 SET - ISSUED 07.07.2020

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	WEIGHT (LBS)
		CFM	O.A.	E.S.P.	MOTOR H.P.	RPM		NOMINAL (TON)	TOTAL/SENS (MBH)	IN (MBH)	OUT (MBH)		V	PH	Hz	MCA	MOCP						
RTU-1	TRANE YHC120F	4000	700	1.0	3.8	1465	80/67	10	113.97/94.06	250	200	-	208	3	60	46.1	60	12.4	-	ROOF	CAFE	1,2,3,4,5,6,7,8,9,10	1500
RTU-2	TRANE YHC120F	4000	200	1.0	3.8	1465	80/67	10	113.97/94.06	250	200	-	208	3	60	46.1	60	12.4	-	ROOF	BACKBAR/ WORKROOM	1,2,3,4,5,6,7,8,9,10	1500

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

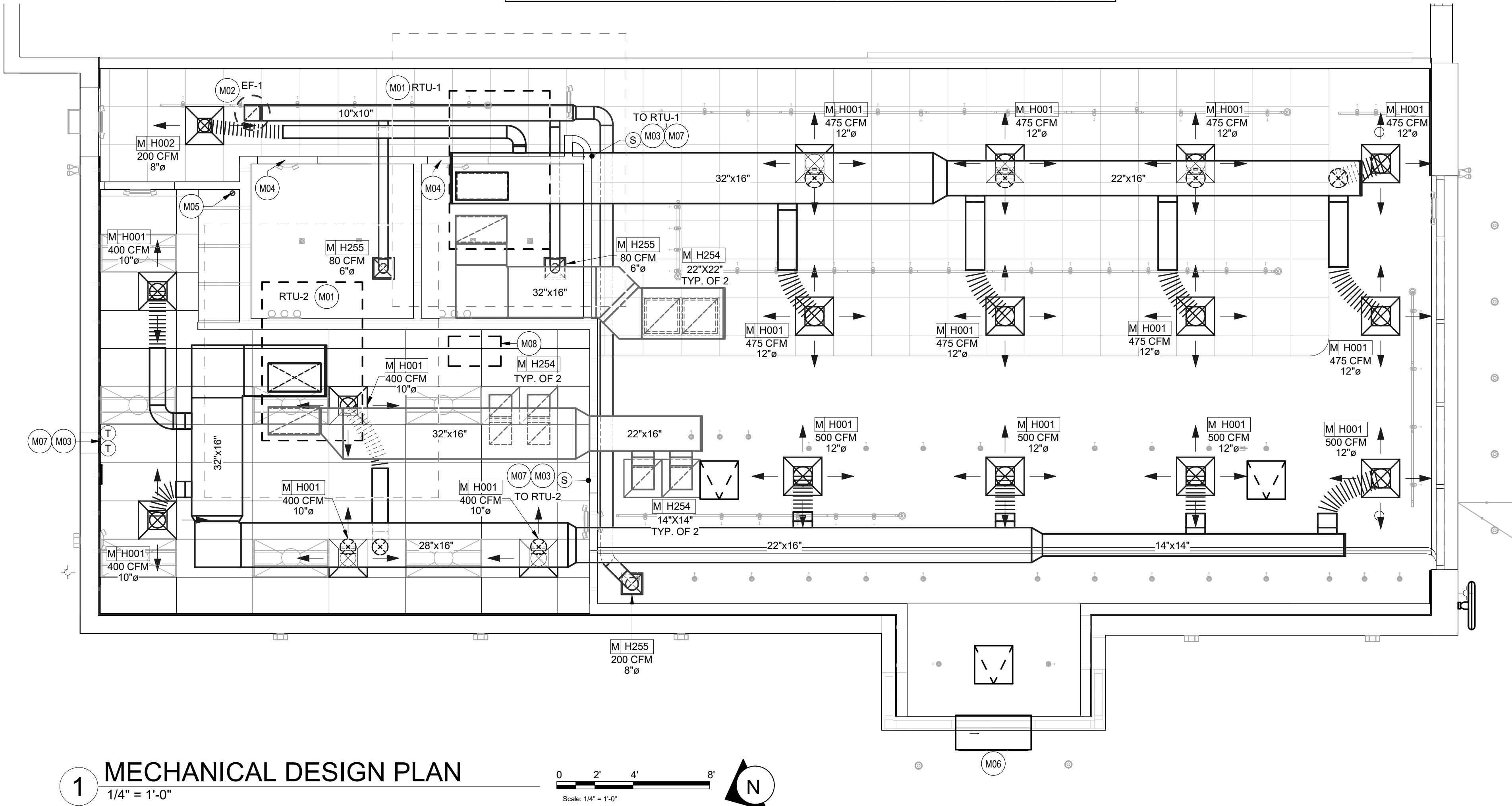
- NOTES:
- PROVIDE WITH FACTORY ROOF CURB AND BACKDRAFT DAMPER
 - PROVIDE WITH SPEED CONTROLLER

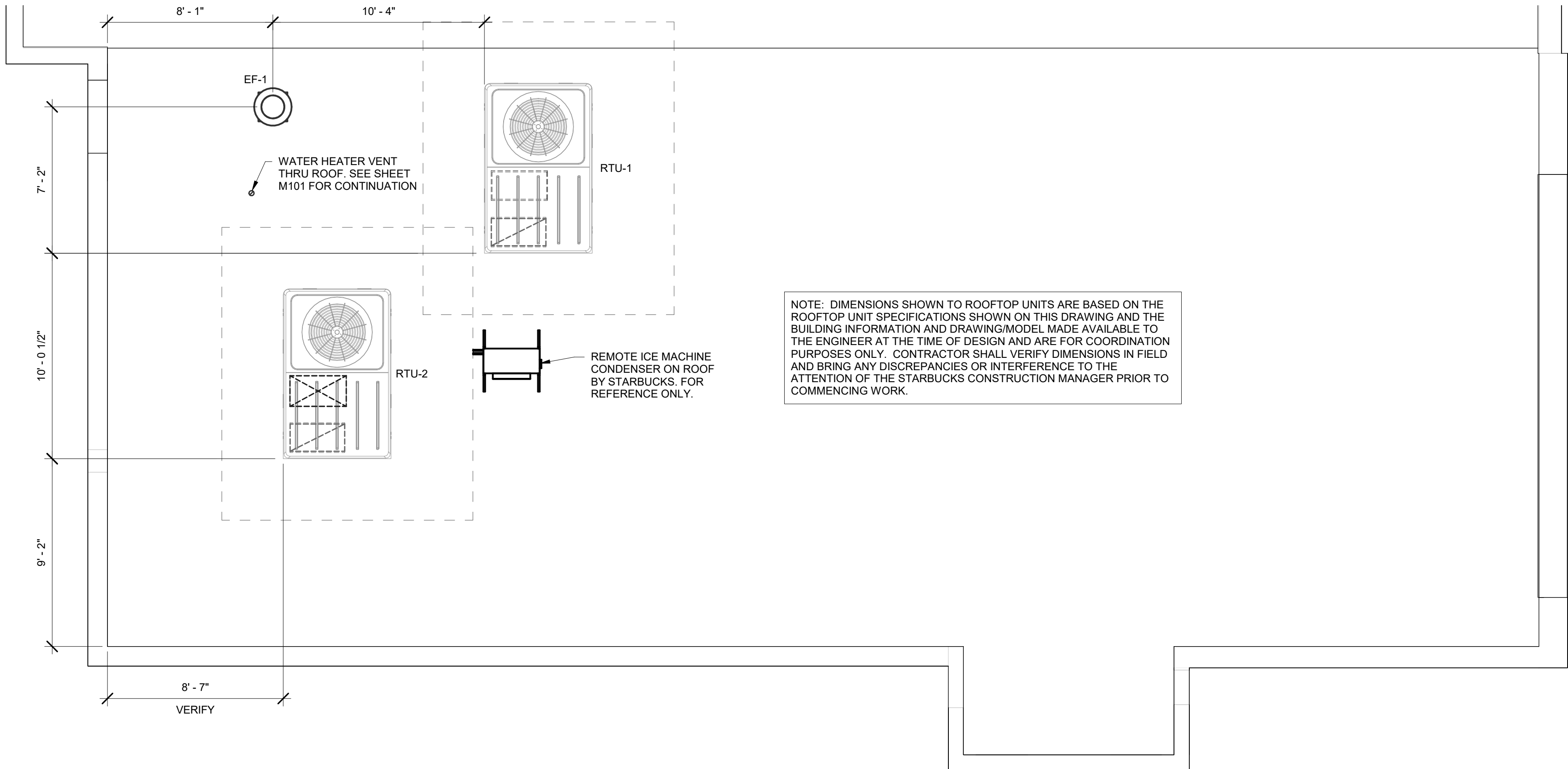
AIR TERMINAL SCHEDULE

DIFFUSER ITEM #	COUNT	DESCRIPTION	MANUFACTURER	MODEL	AIR TERMINAL REMARKS
H001	17	SQUARE SUPPLY - LAY-IN OR SURFACE - SEE PLAN	TITUS	TDC-A4	24x24
H002	1	SQUARE SUPPLY - LAY-IN OR SURFACE - SEE PLAN	TITUS	TDC-A4	24x24
H254	6	SQUARE RETURN - LAY-IN OR SURFACE	TITUS	350RL	24X24
H255	3	SQUARE EXHAUST - SURFACE	TITUS	350 RL	12X12

OUTSIDE AIR CALCULATIONS

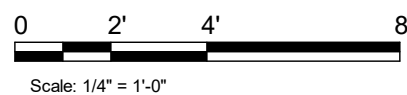
1. Summary									
Ventilation Sizing Method	ASHRAE Std 62.1-2010								
Design Condition	Heating operation								
Occupant Diversity (D)	1.000								
Uncorrected Outdoor Air Intake (V _{ou})	586 CFM								
System Ventilation Efficiency (Ev)	0.811								
Outdoor Air Intake (V _{ot})	723 CFM								
2. Space Ventilation Analysis									
		Space Floor Area (ft ²) (A _f)	Area Outdoor Air Rate (CFM/ft ²) (R _a)	Time Averaged Occupancy (Occupants) (P _z)	People Outdoor Air Rate (CFM/person) (R _p)	Air Distribution Effectiveness (E _z)	Space Outdoor Air (CFM) (V _{oz})	Breathing Zone Outdoor Air (CFM) (V _{bz})	Space Ventilation Efficiency (E _{vz})
Zone Name / Space Name	Mult.	(A _f)	(R _a)	(P _z)	(R _p)	(E _z)	(V _{oz})	(V _{bz})	(E _{vz})
Zone 1									
Backbar	1	408.0	0.18	2.0	7.50	0.8	111	89	1.046
Cafe	1	878.0	0.18	36.0	7.50	0.8	535	429	0.811
RR	1	134.0	0.00	0.0	0.00	0.8	0	0	1.100
Corridor	1	127.0	0.06	0.0	0.00	0.8	10	8	0.942
Work Room	1	434.0	0.12	2.0	5.00	0.8	78	62	1.058
Totals (incl. Space Multipliers)								586	0.811





1 MECHANICAL ROOF PLAN

1/4" = 1'-0"



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STARBUCKS TEMPLATE VERSION i2020-01-31

NORR



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Engineering Consultant

120-20



PROJECT NAME:

**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:

**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #:

62012

PROJECT #:

87799-001

ISSUE DATE:

07-07-2020

SR. DESIGN MANAGER:

K. GORIN SLONSKI

PRODUCTION DESIGNER:

A. HAHN

CHECKED BY:

DMC

Revision Schedule

Rev	Date	By	Description

SHEET TITLE:

**MECHANICAL ROOF
PLAN**

SCALE: AS SHOWN

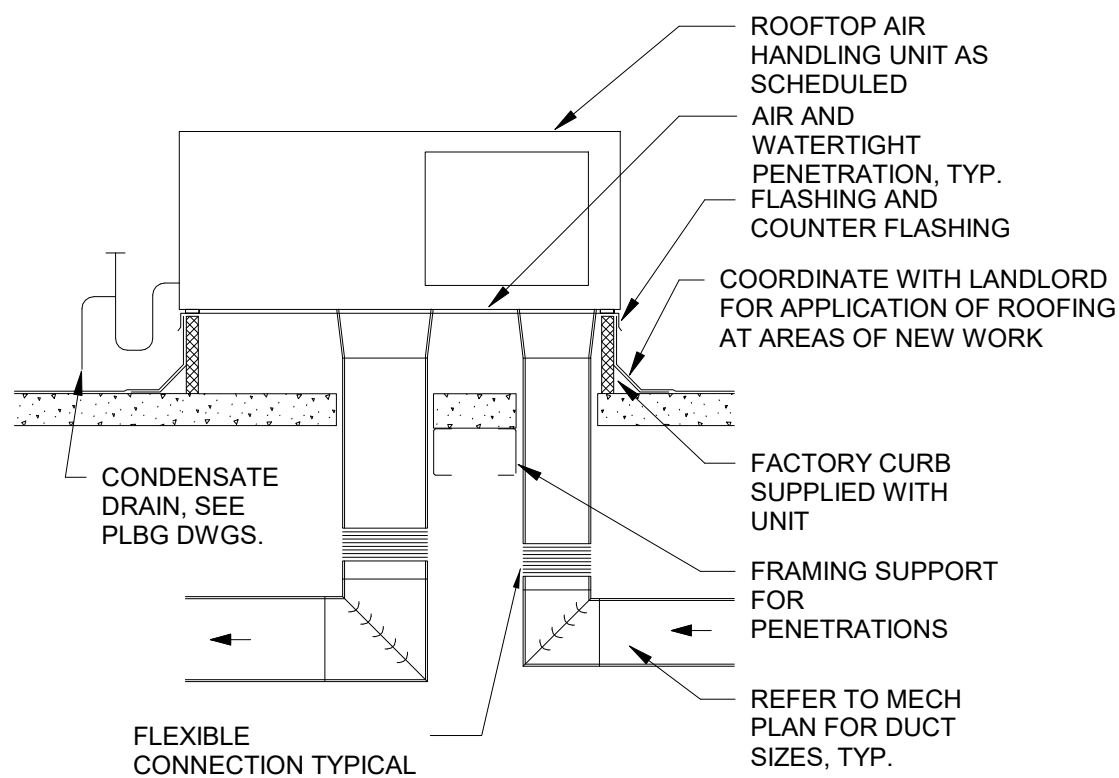
SHEET NUMBER:

M102

REVISION 1 SET - ISSUED 07.07.2020

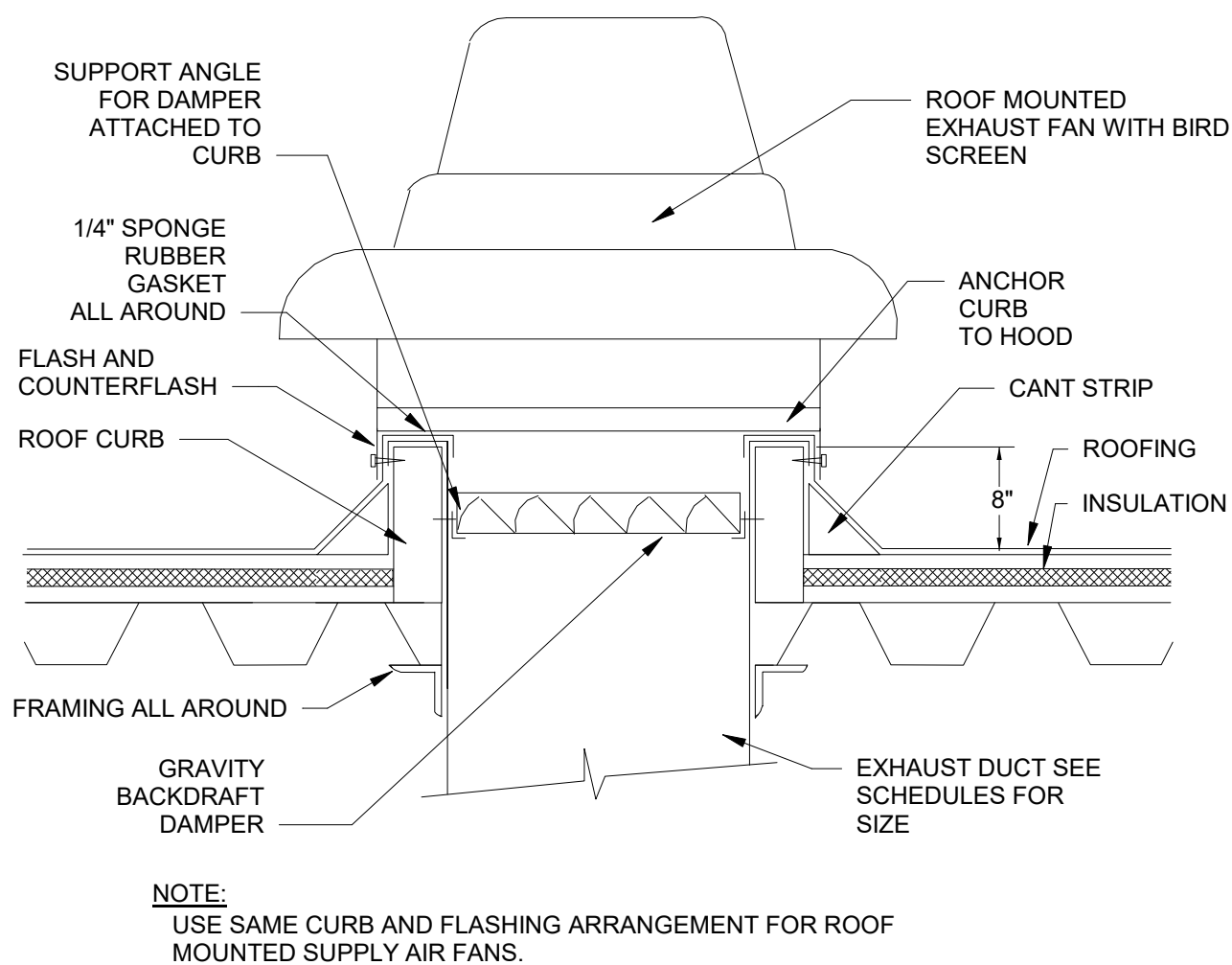
4 ROOFTOP UNIT DETAIL

SCALE: NTS



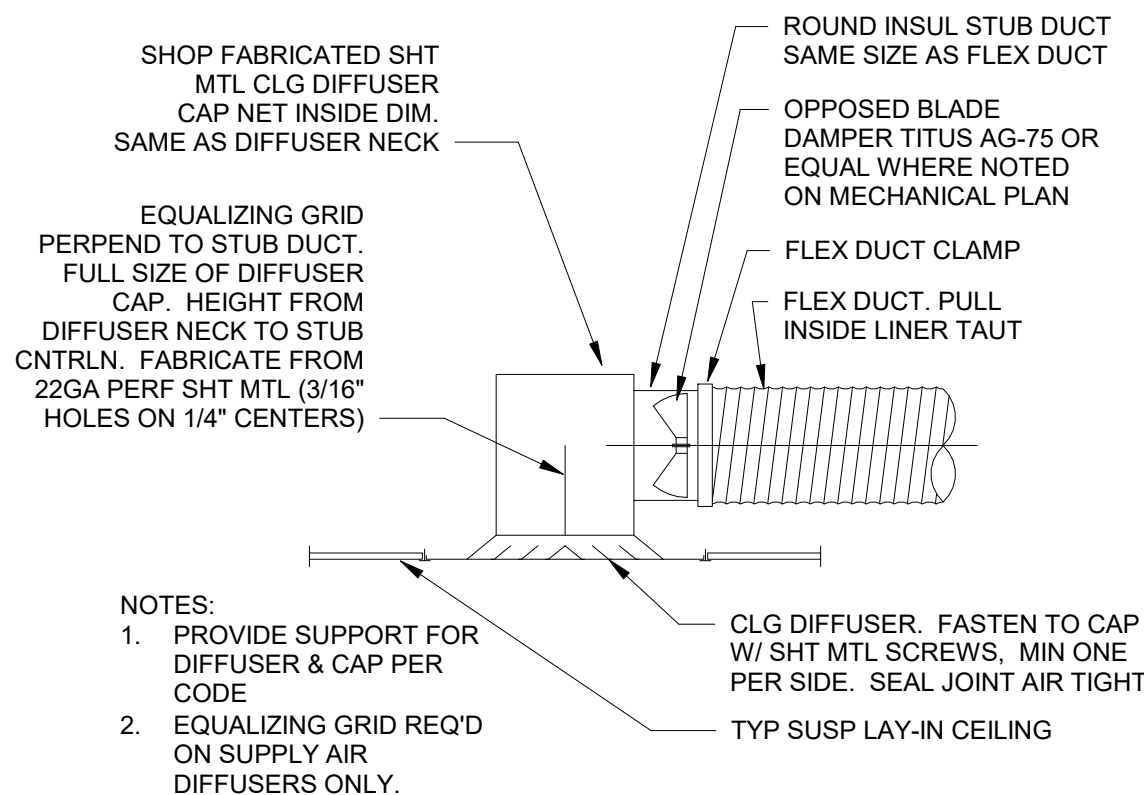
3 ROOF MOUNTED EXHAUST FAN DETAIL

SCALE: NTS



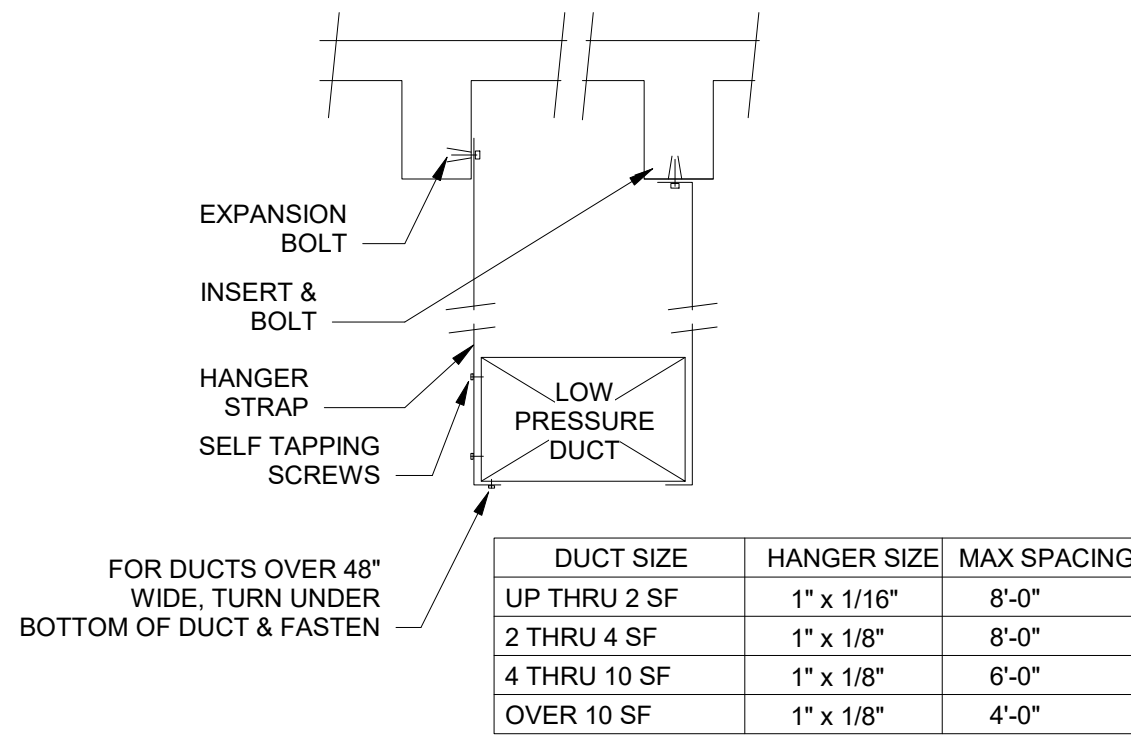
2 LAY-IN DIFFUSER DETAIL

SCALE: NTS



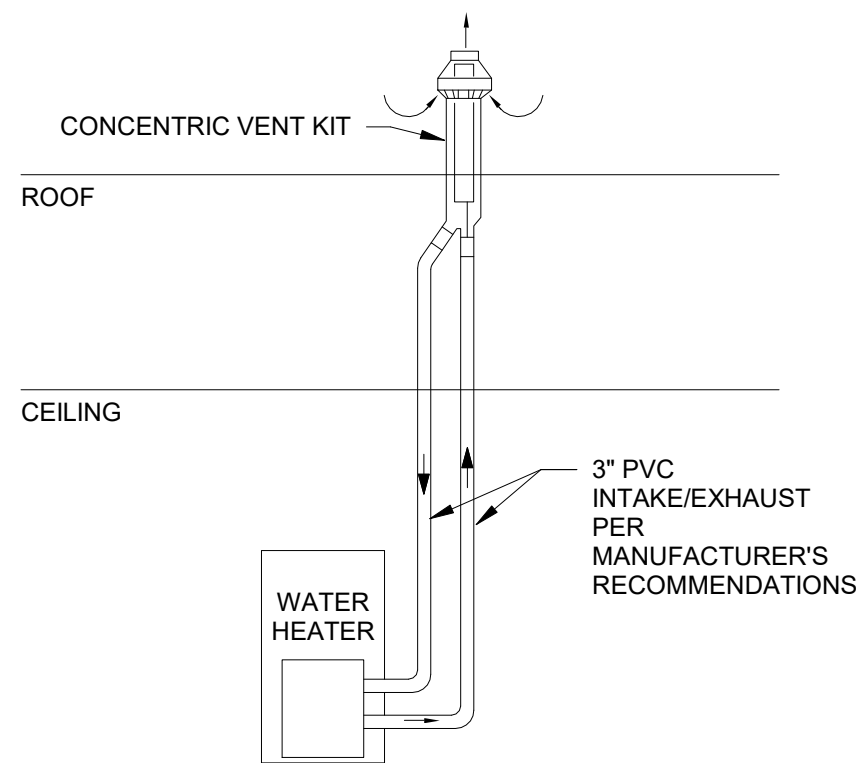
1 DUCT HANGING DETAIL

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	95.4 °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	310 ft²	14592	-	310 ft²	-	-
Wall Transmission	1017 ft²	1199	-	1017 ft²	3283	-
Roof Transmission	1981 ft²	7106	-	1981 ft²	6834	-
Window Transmission	310 ft²	2744	-	310 ft²	11445	-
Skylight Transmission	0 ft²	0	-	0 ft²	0	-
Door Loads	37 ft²	806	-	37 ft²	976	-
Floor Transmission	1981 ft²	0	-	1981 ft²	2613	-
Partitions	0 ft²	0	-	0 ft²	0	-
Ceiling	0 ft²	0	-	0 ft²	0	-
Overhead Lighting	1585 W	5407	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	40	7562	7080	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	53953	7554	-	0	0
Safety Factor	10% / 10%	9337	1463	0%	0	0
>> Total Zone Loads	-	102705	16097	-	25132	0
Zone Conditioning	-	105595	16097	-	24998	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	5846 CFM	0	-	5846 CFM	0	-
Ventilation Load	723 CFM	14481	12207	723 CFM	53205	0
Supply Fan Load	5846 CFM	0	-	5846 CFM	0	-
Space Fan Coil Fans	-	0	-	-	0	-
Duct Heat Gain / Loss	0%	0	-	0%	0	-
>> Total System Loads	-	120076	28305	-	78203	0
Central Cooling Coil	-	120076	28307	-	0	0
Central Heating Coil	-	0	-	-	78203	-
>> Total Conditioning	-	120076	28307	-	78203	0
Key:	Positive values are clg loads		Positive values are htg loads		Negative values are clg loads	
	Negative values are htg loads		Negative values are htg loads		Negative values are clg loads	

REVISION 1 SET - ISSUED 07.07.2020




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Engineering Consultant

120-20



RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DESIGN/CONSTRUCTION SERVICES
JANUARY SUMMIT, MISSOURI
07/06/20 07/13/2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

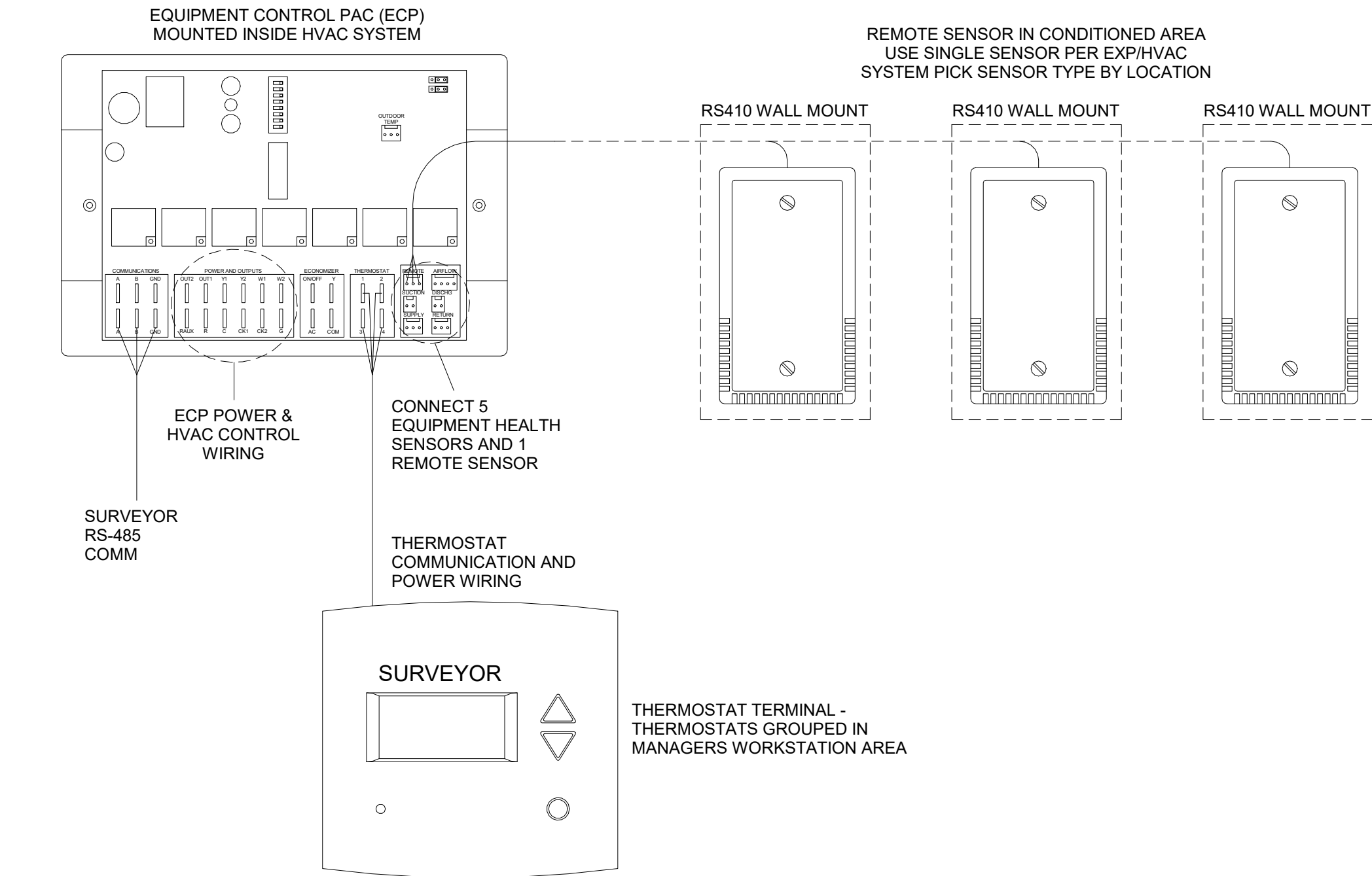
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: DMC

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
MECHANICAL DETAILS

SCALE: AS SHOWN

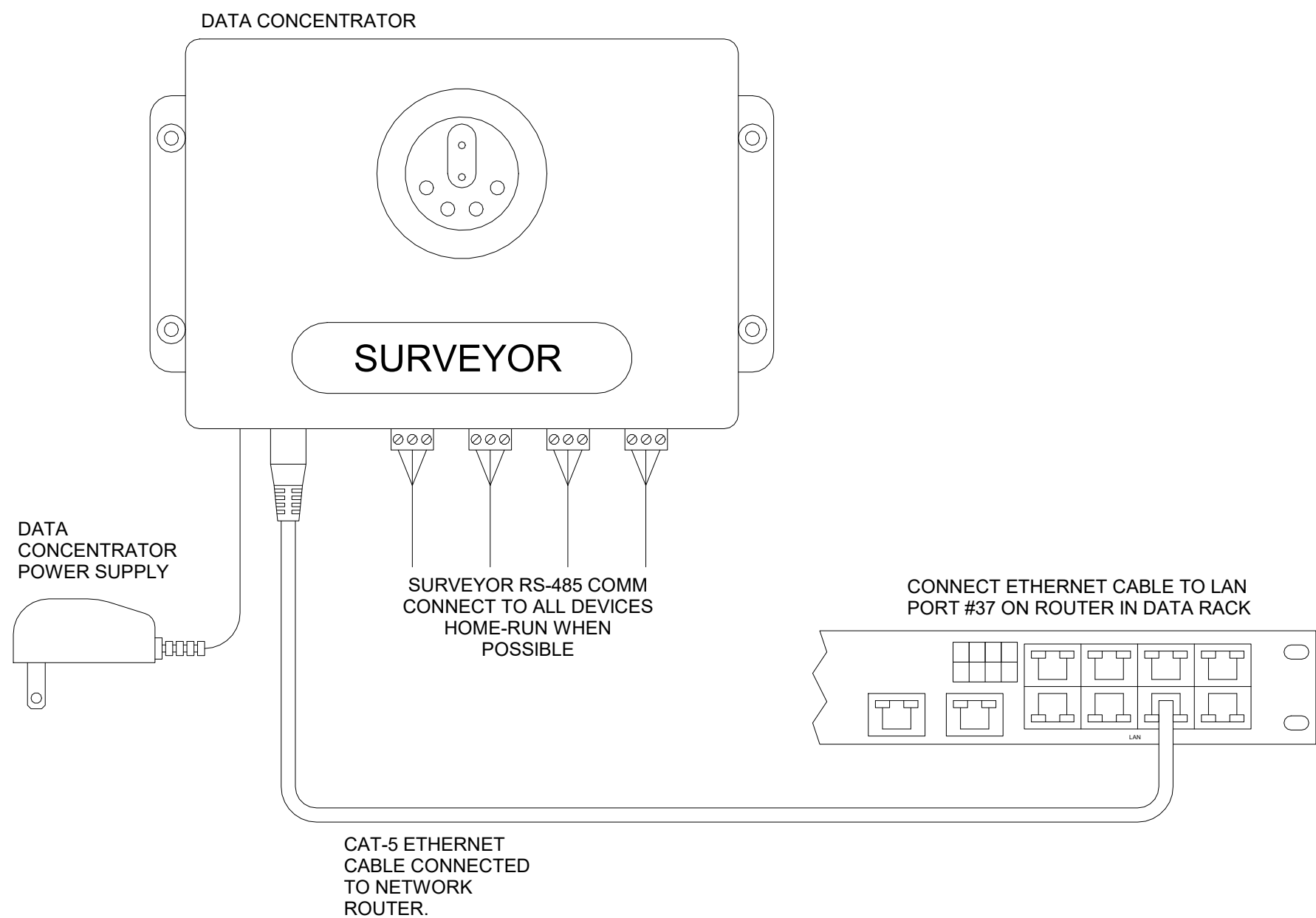
SHEET NUMBER:
M501



- 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



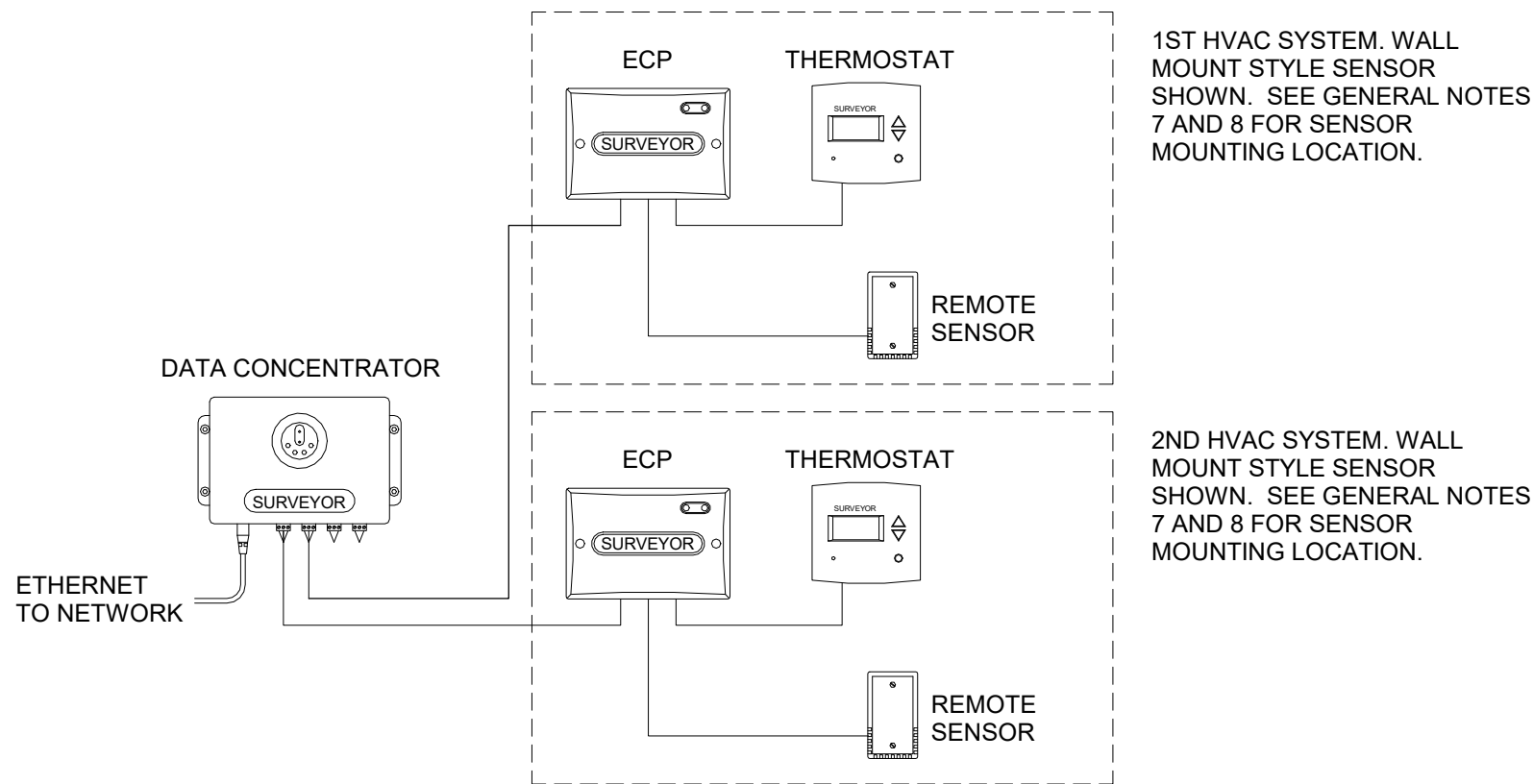
2 Venstar EMS - No Lighting Control - Data Concentrator

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) 947-7660, OPTION 1 OR EMAIL, INSTALLSUPPORT@VENSTAR.COM. HOURS 6:00 AM TO 8:00 PM PACIFIC, MON-FRI.

SURVEYOR EMS COMPONENTS			
VENSTAR PART	SBUX ITEM #	DESCRIPTION	QUANTITY
DC400	011029485	DATA CONCENTRATOR	1
OTS400	011029487	OUTDOOR TEMPERATURE SENSOR	1
ECP400	011029489	EQUIPMENT CONTROL PAC	1 PER HVAC
CT414	011029490	COMMUNICATING THERMOSTAT	1 PER HVAC
SP400	011029491	SENSOR PAC	1 PER HVAC
RS410	011029492	WALL MOUNT REMOTE SENSOR	1 PER 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

120-20



PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: DMC

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
EMS DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
M502

REVISION 1 SET - ISSUED 07.07.2020

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
FPT	FURNISHED BY OWNER,
FS	INSTALLED BY OWNER
FT	FEMALE PIPE THREAD
	FLOOR SINK
	FOOT/FEET
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GI	GREASE INTERCEPTOR
GT	GREASE TRAP
GW	GREASE WASTE
HR	HOURLY
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 OF CORRECTIVE ACTIONS PERFORMED BY CONTRACTOR IN RESPONSE TO INSTALLATION VERIFICATION AND FUNCTIONAL PERFORMANCE TEST RESULTS.
 - J. CONSTRUCTION AND POST CONSTRUCTION TESTING: ADDITIONAL TESTING MAY BE REQUIRED BY LEED AND OTHER PROCESSES THAT MAY OCCUR OUT OF SEQUENCE WITH COMMISSIONING SERVICE. CONTRACTOR SHALL CONDUCT, DOCUMENT, SUPPORT AND SCHEDULE THIS TESTING AS DIRECTED BY STARBUCKS CXA.

VALVES

GENERAL
INSTALL VALVES FOR EACH FIXTURE AND ITEM OF EQUIPMENT. PROVIDE BRAIDED STAINLESS STEEL HOSE (UNLESS OTHERWISE NOTED) BETWEEN VALVE AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. LOCATE SHUT-OFF VALVES ADJACENT TO EQUIPMENT FOR EASY ACCESS SUCH THAT VALVES CAN BE REACHED WITHOUT MOVING EQUIPMENT. SHUT OFF VALVES TO BE BALL TYPE. VALVES SHALL BE LISTED/APPROVED FOR USE PER AUTHORITIES HAVING JURISDICTION (AHJ) AND CODE REQUIREMENTS. PROVIDE VALVE IDENTIFICATION PER THE PROJECT MANUAL FOR MAIN WATER SERVICE SHUT-OFF AND ANY OTHER VALVES WHICH ARE NOT CLEARLY EVIDENT WHAT THEY SERVE.

PLUMBING FIXTURES

WATER HEATER
SIZE WATER HEATER PER STARBUCKS STANDARD AND PER AUTHORITIES HAVING JURISDICTION (AHJ), WHICHEVER IS MORE STRINGENT. PROVIDE INSTALLATION COMPLETE WITH FITTINGS AS SHOWN IN THE DRAWINGS. SET HOT WATER TEMPERATURE AT 140° F OR ADJUST AS REQUIRED BY AHJ. PROVIDE THERMOMETER ON HOT WATER PIPE LEAVING WATER HEATER.

WATER FILTRATION
STARBUCKS WATER FILTRATION VENDOR WILL PROVIDE FILTRATION SYSTEM. CONTRACTOR SHALL CONFIRM WITH STARBUCKS CONSTRUCTION MANAGER WHETHER VENDOR OR PLUMBING CONTRACTOR IS TO INSTALL FILTRATION SYSTEM. PROVIDE AND COORDINATE INSTALLATION COMPLETE WITH ALL PIPING, FITTINGS, AND EQUIPMENT AS INDICATED ON THE DRAWINGS.

CONNECTIONS
THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT INCLUDING REQUIRED MATERIAL SUCH AS PIPING, VALVES, FILTERS, TRAPS, CHECKS VALVES, VACUUM BREAKERS, AND FLEXIBLE AND RIGID TUBING.

SCHEDULES
REFER TO SCHEDULES ON DRAWINGS FOR A DESCRIPTION OF LISTED ITEMS AND FURNISH ANY AND ALL PLUMBING FIXTURES LISTED AS "GC". ANY DISCREPANCIES ABOUT WHO IS TO PROVIDE PLUMBING FIXTURES IN THE SCHEDULE SHALL BE BROUGHT TO STARBUCKS ATTENTION FOR CLARIFICATION. INSTALL ALL FIXTURES LISTED REGARDLESS OF WHO SUPPLIES.

DISHWASHER
G.C. TO FURNISH AND INSTALL POWER CORD FOR DISHWASHER PER JURISDICTIONAL REQUIREMENTS. IF EQUIPMENT IS SPECIFIED AS HOBART ADVANSYS, THE UNIT IS TO BE PLUMBED WITH COLD, NON-FILTERED WATER. IF THE WATER FILTRATION SYSTEM IS A PENTAIR CONFIGURATION II OR III, THEN THE COLD, NON-FILTERED WATER MUST ALSO BE SOFTENED.

INSULATION

WATER PIPING
PROVIDE THERMAL INSULATION PER THE SPECIFICATIONS.

SAFETY COVERS
FURNISH AND INSTALL SPECIFIED NO SCALD SAFETY COVERS WITH INSULATED FOAM LINER AND TAMPER PROOF STRAP AT ALL EXPOSED ADA SINK P-TRAPS AND WATER SUPPLIES AND AS REQUIRED BY JURISDICTION .

PIPING

CONDENSATE DRAINAGE PIPING
THE PLUMBING CONTRACTOR SHALL PROVIDE CONDENSATE DRAINS FOR AIR HANDLING UNITS AND STARBUCKS EQUIPMENT (REFER TO SCHEDULE). CONDENSATE DRAINAGE PIPING SHALL BE TYPE "M" COPPER TUBING WITH WROUGHT COPPER SWEAT FITTINGS JOINED WITH 50/50 SOLDER.

TESTING
ALL PIPES SHALL BE TESTED BY AN APPROVED METHOD BEFORE THEY ARE BACKFILLED OR CONCEALED. AFTER TESTING IS COMPLETE, THE PLUMBING CONTRACTOR SHALL DISINFECT THE POTABLE WATER SYSTEM AS REQUIRED BY LOCAL AUTHORITY. TEST WATER PURITY ACCORDING TO LOCAL REQUIREMENTS AND SUBMIT CERTIFIED TEST RESULTS TO ENGINEER FOR REVIEW AND APPROVAL.

CARBONATION

IF APPLICABLE TO PROJECT SCOPE FOR CBE STATION, STARBUCKS CARBONATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT, CO2 TANKS AND FITTINGS. STARBUCKS SHALL PROVIDE AND CONTRACTOR SHALL INSTALL CO2 TANK MOUNTING BRACKET, PROTECTIVE 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 ABRASE OR CUT TUBING. ALL HOLES MUST BE SEALED WITH A GROMMET OR ESCUTCHEON. TUBING IS TO BE SECURED TO APPROPRIATE PERMANENT SURFACES TO KEEP IT OFF THE FLOOR OR CABINET BOTTOMS AND AWAY FROM OTHER EQUIPMENT. LABEL BOTH ENDS OF TUBING AND REGULARLY AT TEN (10) FOOT INTERVALS ALONG ROUTE AS "CO2."

NITROGENATION

STARBUCKS NITROGENATION VENDOR WILL PROVIDE AND INSTALL EQUIPMENT AND FITTINGS IF APPLICABLE TO PROJECT SCOPE FOR NITRO STATION. GENERAL CONTRACTOR SHALL COORDINATE NITRO SYSTEM INSTALLATION WITH STARBUCKS VENDOR.

GENERAL PLUMBING NOTES

1. PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING WALLS, FLOORS, CEILINGS OR OTHER SURFACES IDENTIFIED TO REMAIN THAT MAY BECOME DAMAGED DURING THE COURSE OF WORK.
2. EXPOSED/SURFACE MOUNTED PIPING IS ONLY ALLOWED IN THE BAR AREA UNDER COUNTERTOPS, WHERE IT DOES NOT OBSTRUCT CABINETS/DEVICES AND WHERE APPROVED BY STARBUCKS CONSTRUCTION MANAGER. IF ROUTED THROUGH CABINETS, IT SHALL BE ROUTED TO MAXIMIZE STORAGE SPACE AND BE PROTECTED FROM DAMAGE.
3. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL INTENT OR ARRANGEMENT OF SYSTEM(S). FURNISH AND INSTALL ALL COMPONENTS NEEDED WHETHER INDICATED OR NOT TO PROVIDE A COMPLETE AND OPERATING SYSTEM. OVERALL CASEWORK COMPONENT DIMENSIONING ON PLUMBING DETAILS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS, INCLUDING CLEARANCES REQUIRED BY OTHER TRADES, AND NOTIFY STARBUCKS CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK. ALL DIMENSIONS ARE TO THE FACE OF THE FINISHED SURFACE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO BE TAKEN FROM ACTUAL BUILDING DIMENSIONS.
5. THE PLUMBING CONTRACTOR SHALL COORDINATE PLUMBING WORK WITH OTHER TRADES. THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER ALL OTHER DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR FIXTURES IN CASEWORK AND PLUMBING DETAILS. SEE THE PROJECT MANUAL FOR PLUMBING SPECIFICATION SECTIONS.
6. ALL PIPING AND/OR PLUMBING DEVICES SHALL BE SUPPORTED FROM STRUCTURE (NOT FROM HVAC DUCTS OR OTHER PIPES/CONDUITS).
7. WHEN BUNDLING SEVERAL INDIRECT WASTE LINES TO DRAIN INTO FLOOR SINK, A UNISTRUT IS REQUIRED FOR SECURING AND BRACING ALL LINES ABOVE THE DRAIN.
8. FURNISH AND INSTALL ALL NEEDED DRAIN LINES PER CODE (NOT ALL SHOWN). INSTALL DRAINS AT 2% SLOPE. INDIRECT DRAINS WITHOUT DIPS OR SAGS. ALL INDIRECT DRAINS SHALL RUN SEPARATELY FROM EACH OTHER TO INDIRECT DRAIN RECEPTOR AND SHALL TERMINATE WITH AN AIR GAP PER CODE.
9. FURNISH AND INSTALL WALL CLEANOUTS AT ALL SINKS AND AS NEEDED PER CODE (NOT ALL SHOWN).
10. INSULATE ICE BIN DRAINAGE PIPES PER THE REQUIREMENTS IN THE PROJECT MANUAL.

GENERAL NOTES

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

SITE EXAMINATION
THE CONTRACTOR SHALL THOROUGHLY EXAMINE ALL AREAS WHERE FIXTURES, EQUIPMENT, AND PIPING WILL BE INSTALLED AND WILL REPORT ANY CONDITION THAT PREVENTS THE PROPER INSTALLATION OF THE PLUMBING WORK.

STANDARDS
EQUIPMENT AND MATERIALS SHALL CONFORM WITH THE APPROPRIATE PROVISIONS OF LISTING STANDARD IN EFFECT AS APPLICABLE TO EACH INDIVIDUAL UNIT OR ASSEMBLY.

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

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

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

LANDLORD REQUIREMENTS

PRIOR TO BID: THE CONTRACTOR SHALL COORDINATE WITH LANDLORD / BUILDING OWNER FOR ANY CONSTRUCTION REQUIREMENTS. CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH REQUIREMENTS AND ADHERE TO THEM. WHERE LANDLORD / BUILDING OWNER REQUIREMENTS ARE MORE STRINGENT THAN SHOWN IN THESE PLANS. LANDLORD / BUILDING OWNER REQUIREMENTS SHALL GOVERN.



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STARBUCKS TEMPLATE VERSION i2020-01-31

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120-20



RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DESIGN/PERMIT SERVICES
DATE SUBMIT, MISSOURI
07/13/2020

REVISION 1 SET - ISSUED 07.07.2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: SMD / SWE

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING NOTES

SCALE: AS SHOWN

SHEET NUMBER:
P001

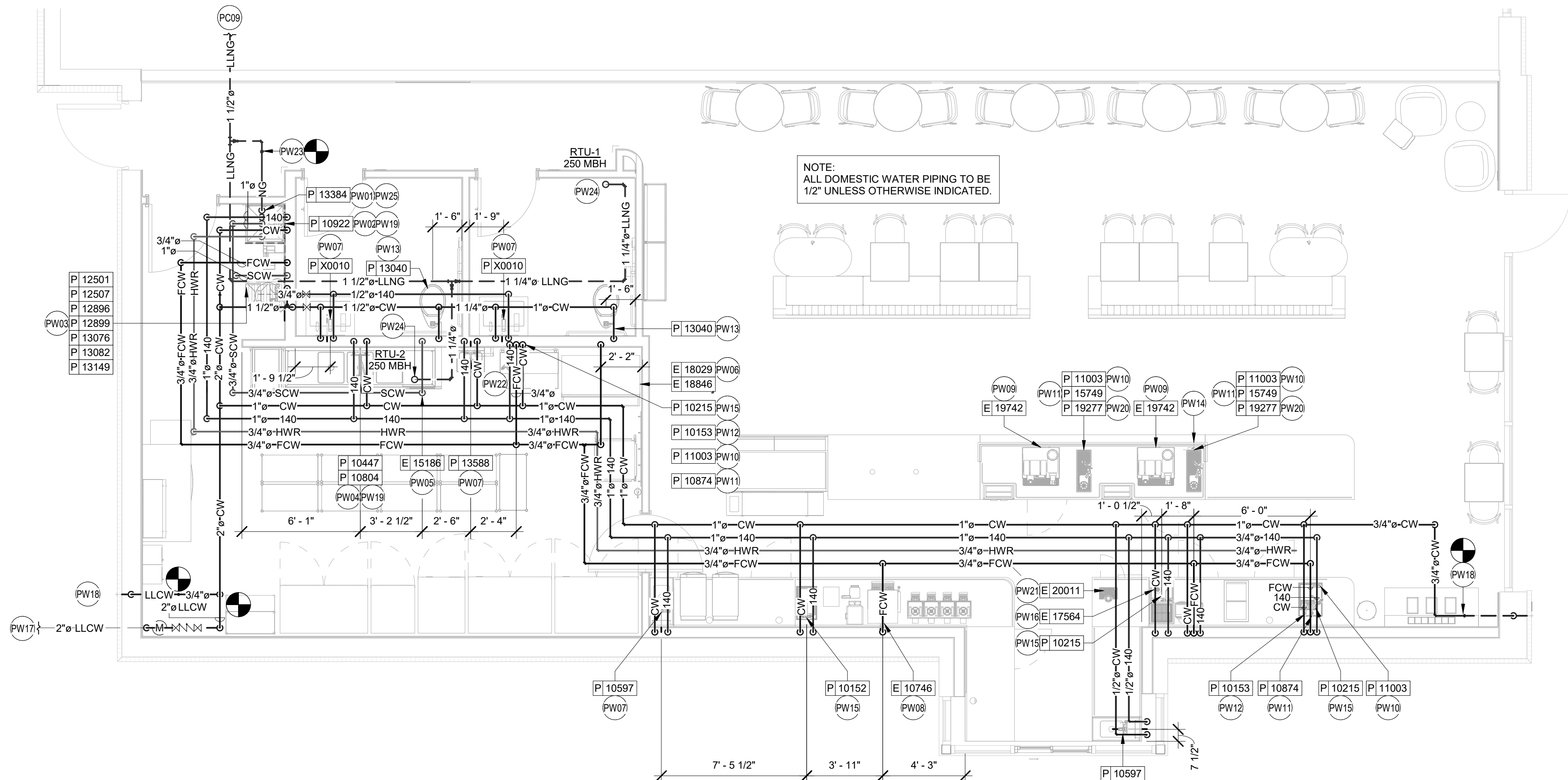
FIXTURE	MAKE	MODEL	ASSE, ASME OR ANSI STANDARD
MOP SINK (FAUCET CONTAINS INTEGRAL BACKFLOW DEVICE)	WATTS & INTEGRAL	9DM2-S	ASSE 1012 ASSE 1001
DISHWASHER	WATTS	LF008PCQT	ASSE 1056
ICE MACHINE	AIR GAP	INTERNAL	ASME A112.1.2
COFFEE BREWER	WATTS	SD-3	ASSE 1022
ESPRESSO MACHINE	WATTS	SD-3	ASSE 1022
WATER FILTER SYSTEM	WATTS	LF009QT	ASSE 1013
CHEMICAL DISPENSER	WATTS	LF009 W/ AIR GAP FITTING 909AGA	ASSE 1013
FREEZEPROOF HOSEBIB	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	-	ASME A112.1.2
WORK SINK	AIR GAP	-	ASME A112.1.2
HAND SINKS	AIR GAP	-	ASME A112.1.2
DROP-IN SINKS	AIR GAP	-	ASME A112.1.2
LAVATORIES	AIR GAP	-	ASME 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

TAG	MBH	GAS LINE SIZE TO EQUIPMENT
RTU-1	250	1-1/4"
RTU-2	250	1-1/4"
WH	100	3/4"
TOTAL MBH =	600	TOTAL PIPE SIZE = 1-1/2"

GAS PIPING IS SIZED PER TABLE 402.4(2) OF THE 2015 INTERNATIONAL FUEL & GAS CODE AND A DISTANCE OF 100' TO THE FURTHEST PIECE OF EQUIPMENT FROM THE METER.

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
10922	MOP SINK BASIN	1	100	5	5
10447 / 10804	3 COMPARTMENT SINK	1	100	50	50
<hr/>					
<u>110 GAL. X 100" F X 8.33</u>		= 95,448 BTUH REQUIRED			
.96					

100,000 BTUH WATER HEATER TO BE INSTALLED. SEE SPECIFICATION ON SHEET P601.



- A. FURNISH AND INSTALL A COMPLETE AND OPERATING SYSTEM. ALL ITEMS ARE NOT NECESSARILY SHOWN.
- B. PLUMBING CONTRACTOR RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO START OF WORK TO REVEAL FULL SCOPE OF WORK.
- C. ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.
- D. REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.
- E. COORRDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION TO ALL PLUMBING EQUIPMENT.
- F. REFERENCE WORK LETTER FOR DIVISION OF PLUMBING SCOPE OF WORK AND COORDINATE WITH STARBUCKS CONSTRUCTION MANAGER.
- G. DIMENSIONS ARE TO FINISH FACE UNLESS OTHERWISE NOTED.
- H. REFER TO DETAIL SHEETS FOR PLUMBING FITTINGS LOCATED IN CASEWORK.
- I. 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.
- J. INSULATE ALL PIPING INCLUDING PIPES AT BAR AND IN CASEWORK PER THE REQUIREMENTS LISTED IN THE PLUMBING PROJECT MANUAL.
- K. GENERAL CONTRACTOR SHALL CONTACT WATER FILTRATION SUPPLIER TO COORDINATE SCOPE OF WORK AND SCHEDULE PRIOR TO INSTALLATION OF WATER FILTRATION SYSTEM.

PW01	1" CSW & 1/2" 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 AND ROUTE THROUGH CABINetry FOR FRONT BAR AREA. CONNECT TO EQUIPMENT (2) 10153, (2) 10215, (2) 10874, (2) 11003 AND (2) 12894. REFER TO NOTES 9, 10, 11, 12, AND 15. 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	MAKE CONNECTION TO NATURAL GAS LINE STUB BY LANDLORD. LANDLORD TO PROVIDE METER AND ANY REQUIRED VALVING. VERIFY THAT SERVICE IS ADEQUATE TO SUPPLY 550 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, PRELIMINARY REQUIREMENTS ON SITE. SEE LANDLORD & CIVIL DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION.
PW24	1-1/4" GAS TO MECHANICAL RTU-1 & 2 ON ROOF WITH APPROVED SHUT-OFF VALVE & DIRT LEG BY LANDLORD.
PW25	3/4" GAS TO WATER HEATER WITH APPROVED SHUT-OFF VALVE & DIRT LEG.



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STARBUCKS TEMPLATE VERSION i2020-01-31

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Engineering Consultant

120-20



PROJECT NAME:
BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:
STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: SMD / SWE

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING SUPPLY
PLAN

SHEET NUMBER:

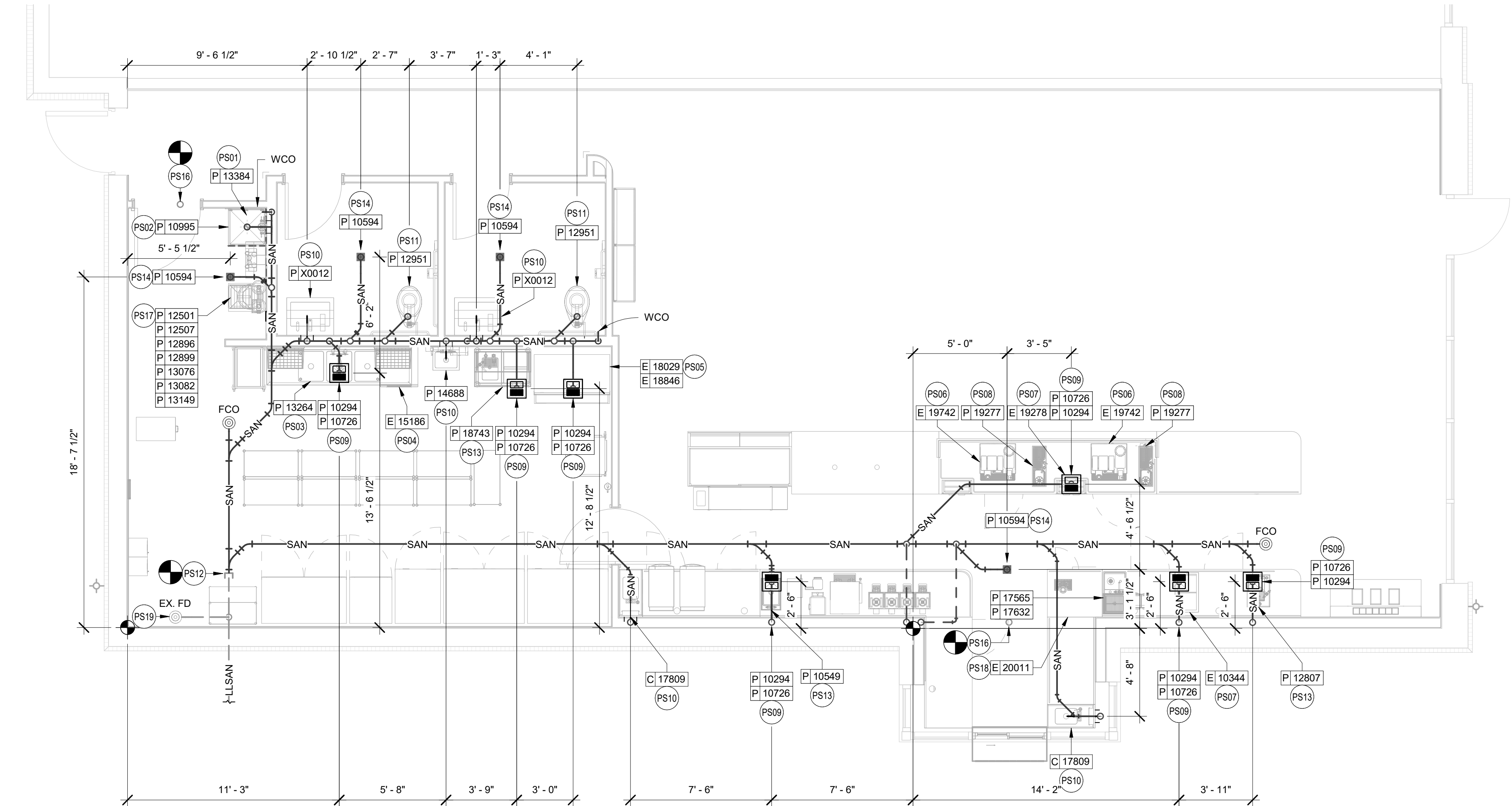
P101

PLUMBING WASTE NOTES

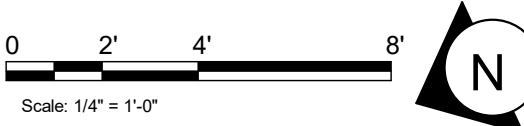
- A. ALL PLUMBING LINES TO BE ROUTED SUCH THAT THEY ARE NOT VISIBLE TO CUSTOMERS EXCEPT WHERE FIRST APPROVED BY STARBUCKS AT EXPOSED CEILING AREAS.
- B. REFER TO MANUFACTURER SPECIFICATIONS FOR LOCATION OF CONNECTIONS UNLESS OTHERWISE NOTED.
- C. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTION 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.

SANITARY KEYED NOTES

- PS01 1" INDIRECT DRAIN FROM DRIP PAN AND 3/4" PRESSURE RELIEF FROM WATER HEATER TO FLOOR DRAIN. SEE DETAIL ON SHEET P501 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 INTERIOR GREASE TRAP.
- 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 P501.
- 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 CONNECTION TO EXISTING 4" SANITARY SEWER BY LANDLORD IN THE PREMISES WITH A MINIMUM INVERT ELEVATION AT THE FURTHEST POINT OF CONNECTION TO BE 27". VERIFY EXACT LOCATION, INVERTS AND REQUIREMENTS ON SITE. SEE LANDLORD DRAWINGS FOR ADDITIONAL INFORMATION AND 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 P501.
- 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 3" WASTE FROM EXISTING FLOOR DRAIN PROVIDED BY LANDLORD FOR WATER SERVICE BACKFLOW PREVENTER AS REQUIRED BY CODE. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS.



1 PLUMBING WASTE & VENT PLAN
1/4" = 1'-0"



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STARBUCKS TEMPLATE VERSION i2020-01-31

NORR



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Fax (314) 373-3514

Engineering Consultant

120-20



PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

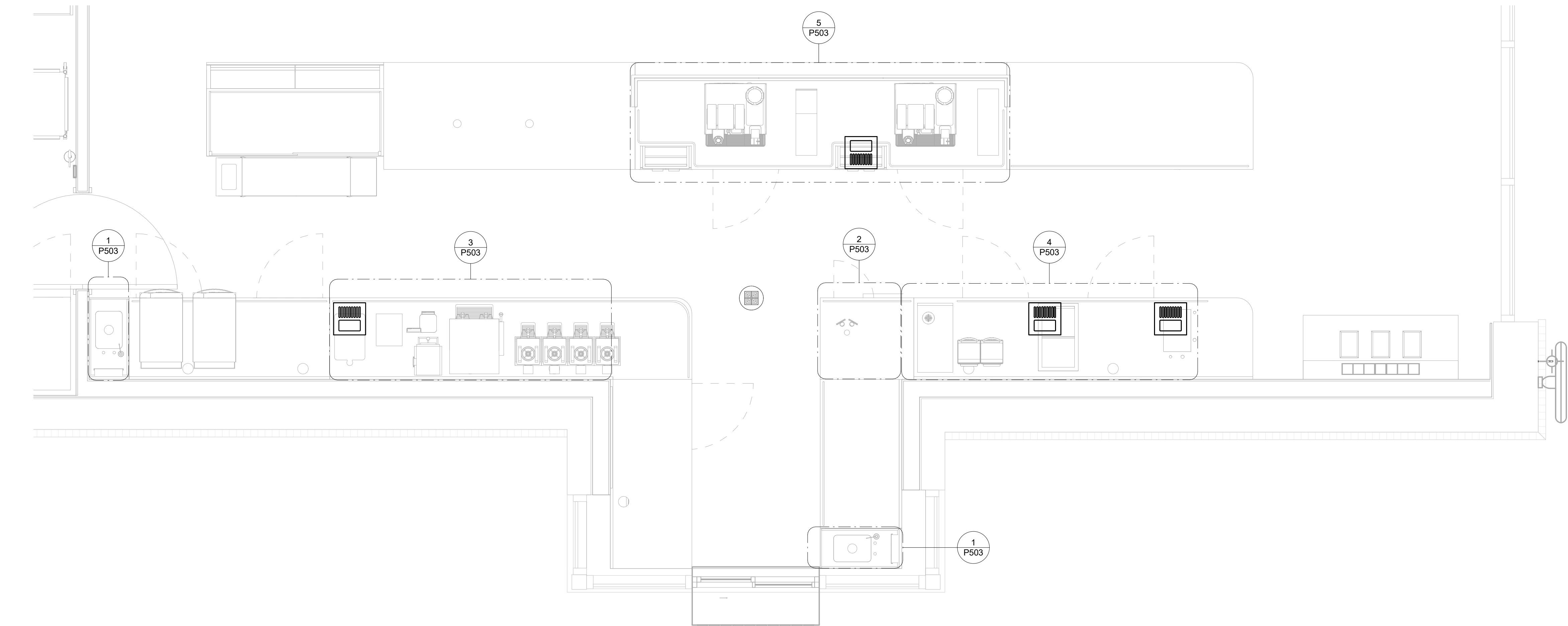
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: SMD / SWE

Revision Schedule			
Rev	Date	By	Description

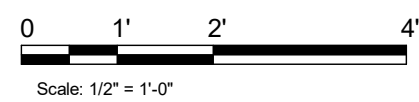
SHEET TITLE:
**PLUMBING WASTE &
VENT PLAN**
SCALE: AS SHOWN

SHEET NUMBER:
P102

REVISION 1 SET - ISSUED 07.07.2020



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



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PROJECT NAME:

**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:

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STORE #: 62012
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SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**ENLARGED PLUMBING
PLACEMENT PLAN**
SCALE: AS SHOWN

SHEET NUMBER:
P103

REVISION 1 SET - ISSUED 07.07.2020



PS01	1" INDIRECT DRAIN FROM DRIP PAN AND 3/4" PRESSURE RELIEF FROM WATER HEATER TO FLOOR DRAIN. SEE DETAIL ON SHEET P501 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 INTERIOR GREASE TRAP.
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 P501.
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 CONNECTION TO EXISTING 4" SANITARY SEWER BY LANDLORD IN THE PREMISES WITH A MINIMUM INVERT ELEVATION AT THE FURTHEST POINT OF CONNECTION TO BE 27". VERIFY EXACT LOCATION, INVERTS AND REQUIREMENTS ON SITE. SEE LANDLORD DRAWINGS FOR ADDITIONAL INFORMATION AND CONTINUATION.
PS13	1-1/2" INDIRECT DRAIN TO FLOOR SINK.
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PS19	3" WASTE FROM EXISTING FLOOR DRAIN PROVIDED BY LANDLORD FOR WATER SERVICE BACKFLOW PREVENTER AS REQUIRED BY CODE. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS.



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Engineering Consultant

120-20



PROJECT NAME:

PROJECT NAME:
BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT

PROJECT ADDRESS:
STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY

STORE #:	62012
PROJECT #:	87799-001
ISSUE DATE:	07-07-2020
SR. DESIGN MANAGER:	K. GORIN SLONSKI
PRODUCTION DESIGNER:	A. HAHN
CHECKED BY:	SMD / SWE

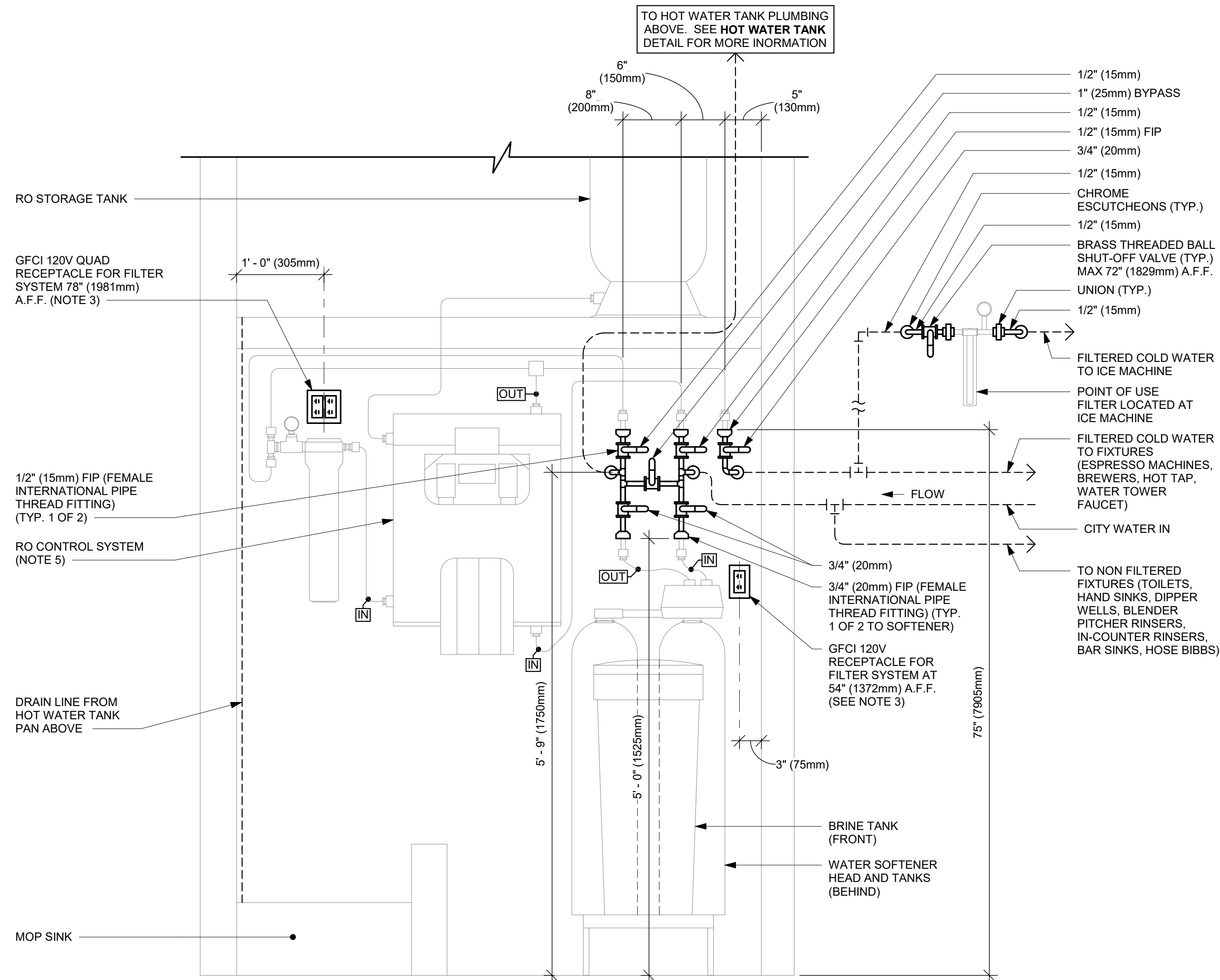
Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
**SANITARY ISOMETRIC
DIAGRAM**
SCALE: AS SHOWN

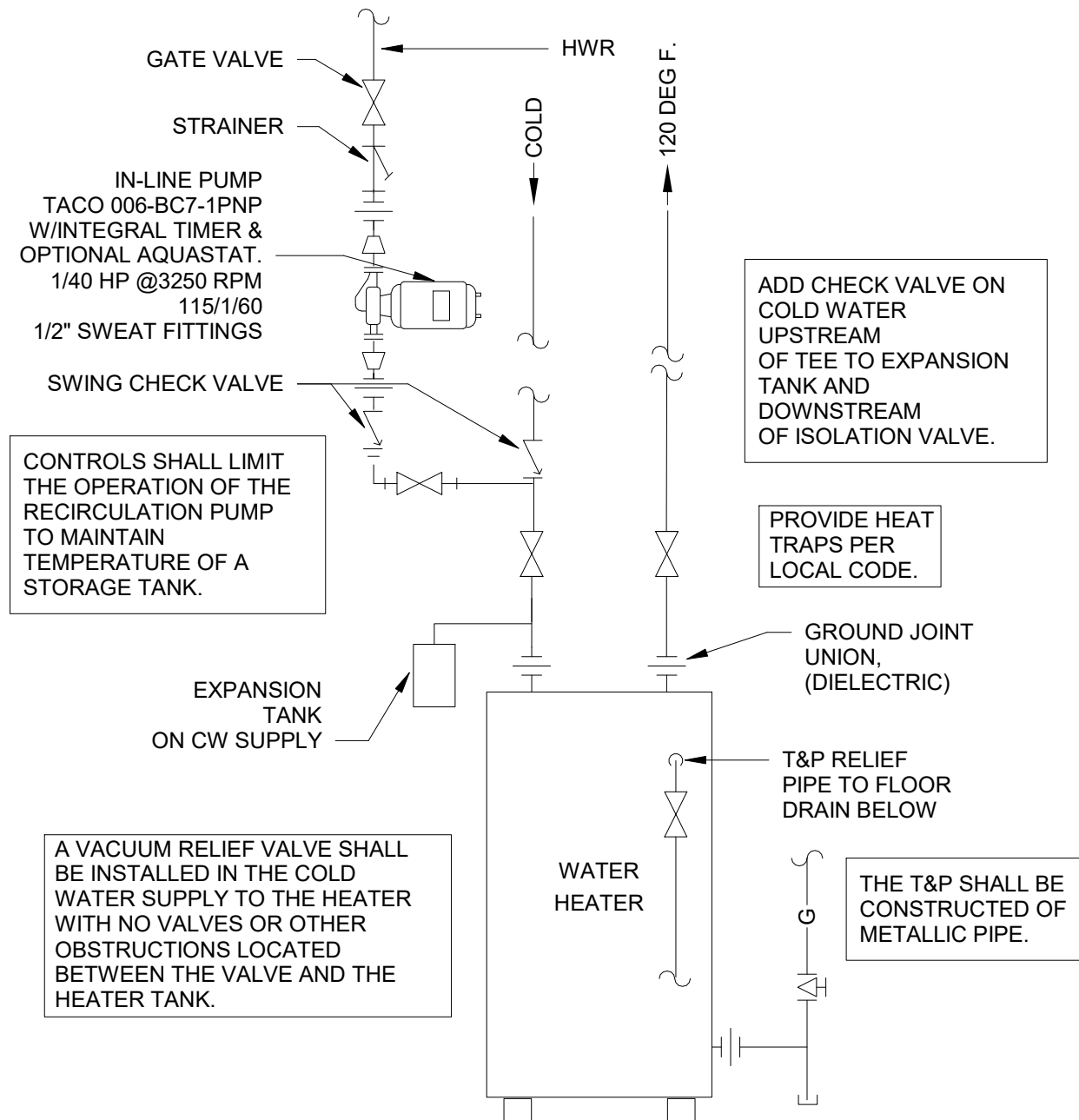
SHEET NUMBER: P104

2 CONFIGURATION III, RO AND
SOFTENER WATER FILTRATION

SCALE: NTS

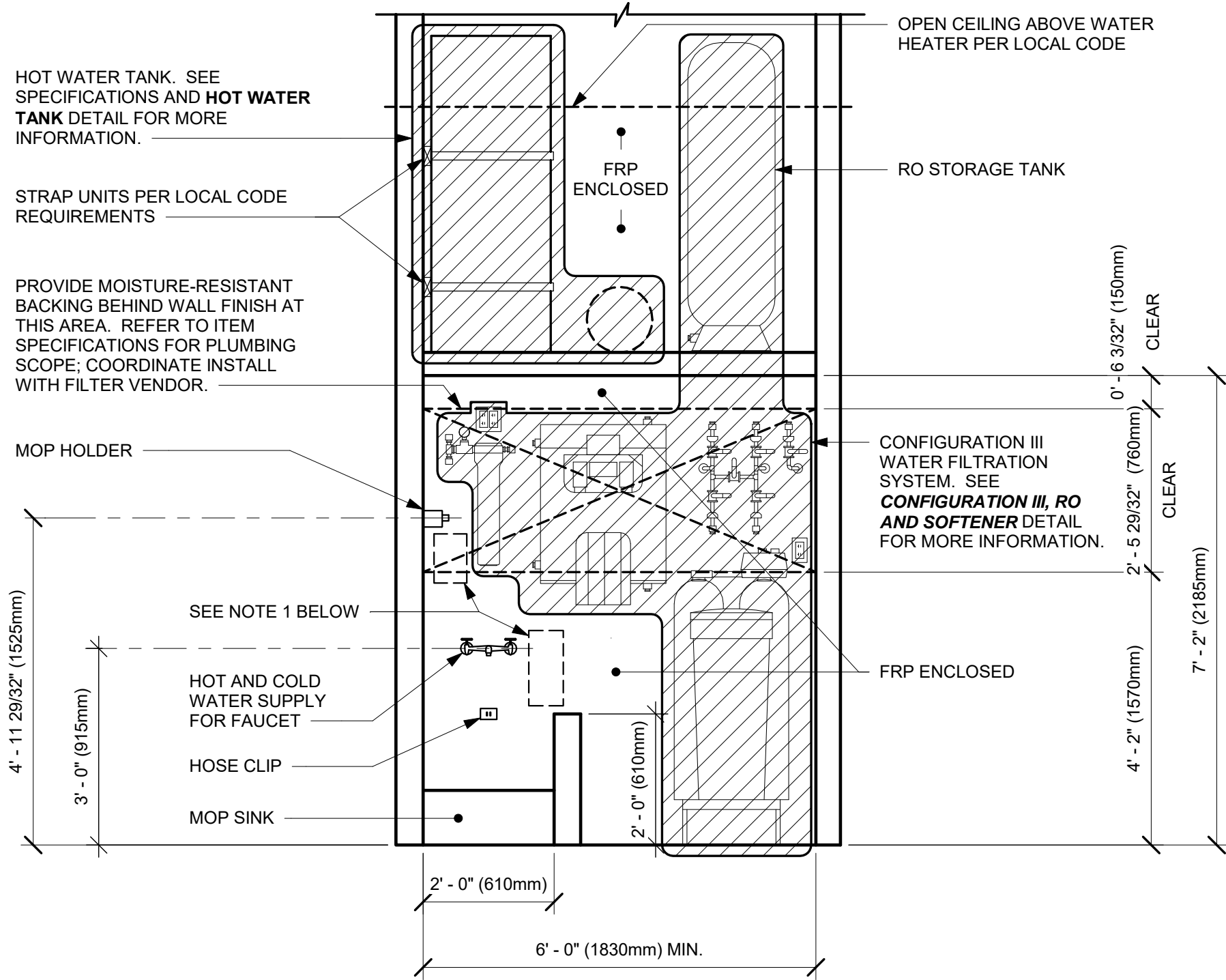


- NOTES:
1. ALL COMPONENTS DRAWN IN BOLD ARE GC RESPONSIBILITY. GC TO COORDINATE INSTALLATION OF ALL OTHER COMPONENTS SHOWN WITH FILTER VENDOR.
 2. ALL PIPING SHALL BE COPPER EXCEPT PEX TYPE PIPING WHICH IS ACCEPTABLE BETWEEN FILTER SYSTEM COMPONENTS AND ADVANSYS DISHWASHER WHERE ALLOWED BY CODE.
 3. 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.



1 GAS WATER HEATER DETAIL

1/4" = 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.

3 CONFIGURATION III

1/2" = 1'-0"



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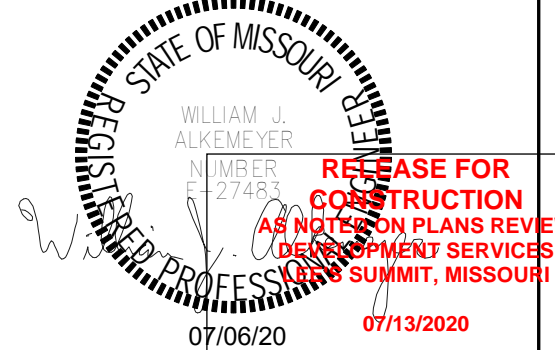
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120-20



PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: SMD / SWE

Revision Schedule			
Rev	Date	By	Description

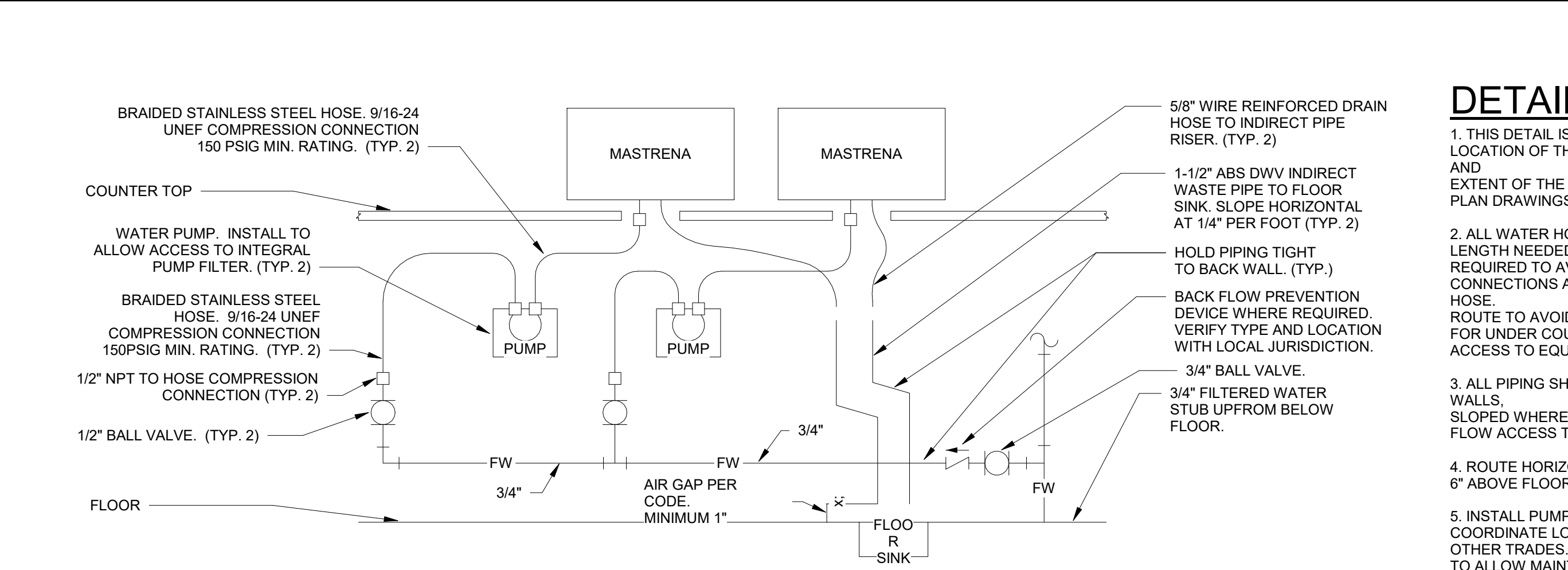
SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

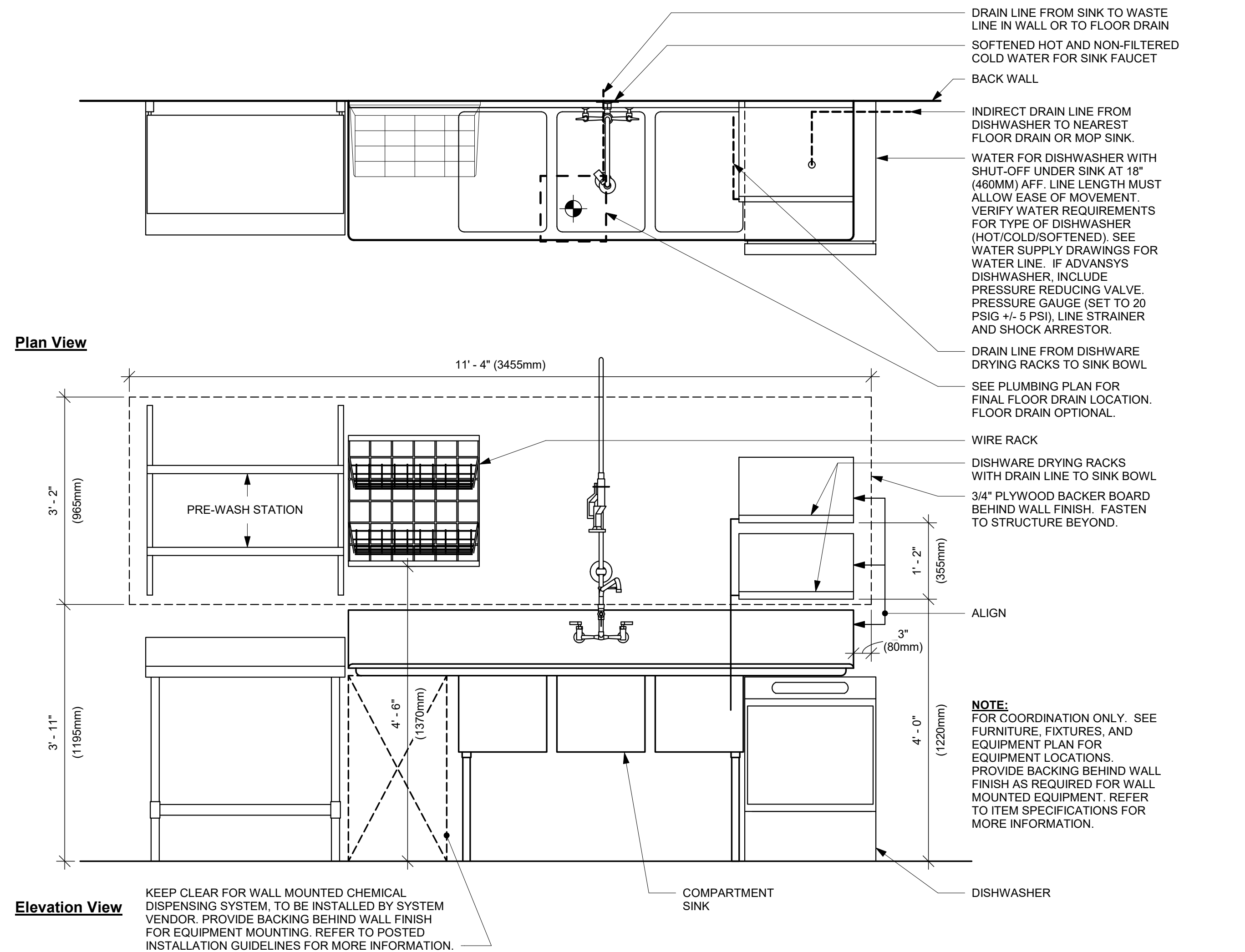
SHEET NUMBER:

P501

REVISION 1 SET - ISSUED 07.07.2020



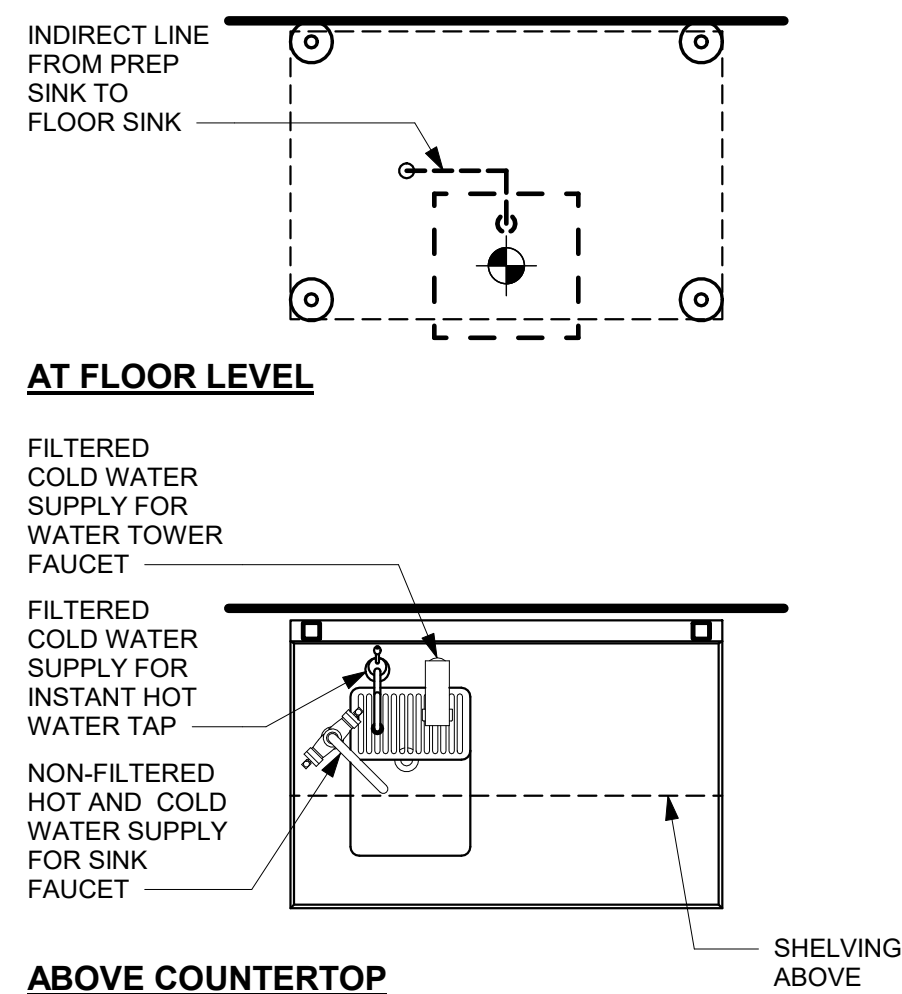
1 MASTRENA GENERAL PIPING CONNECTION SCHEMATIC
SCALE: NTS



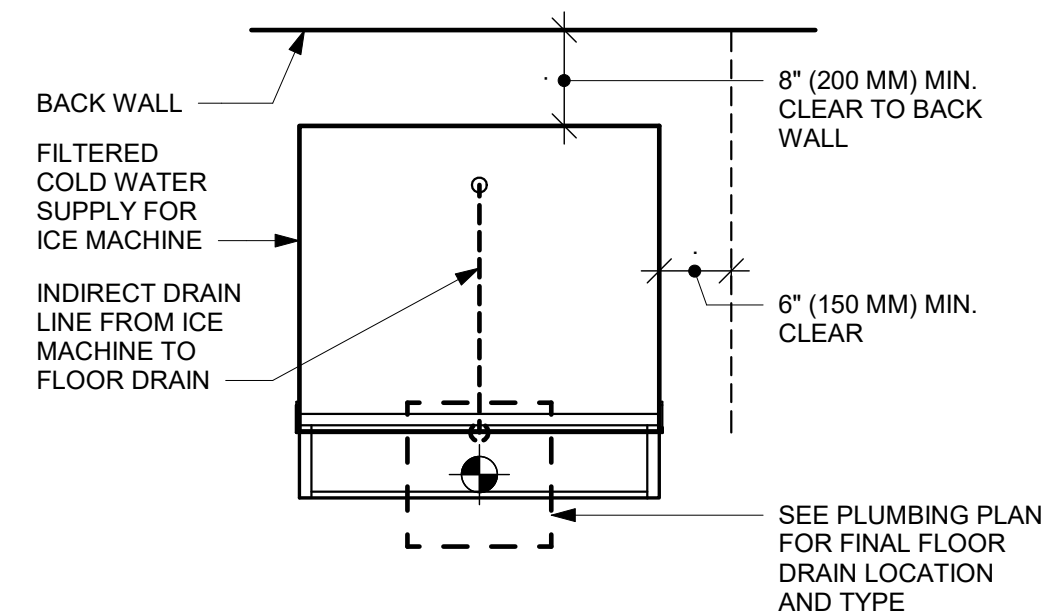
4 SANITIZING (GENERIC)
3/4" = 1'-0"

DETAIL NOTES

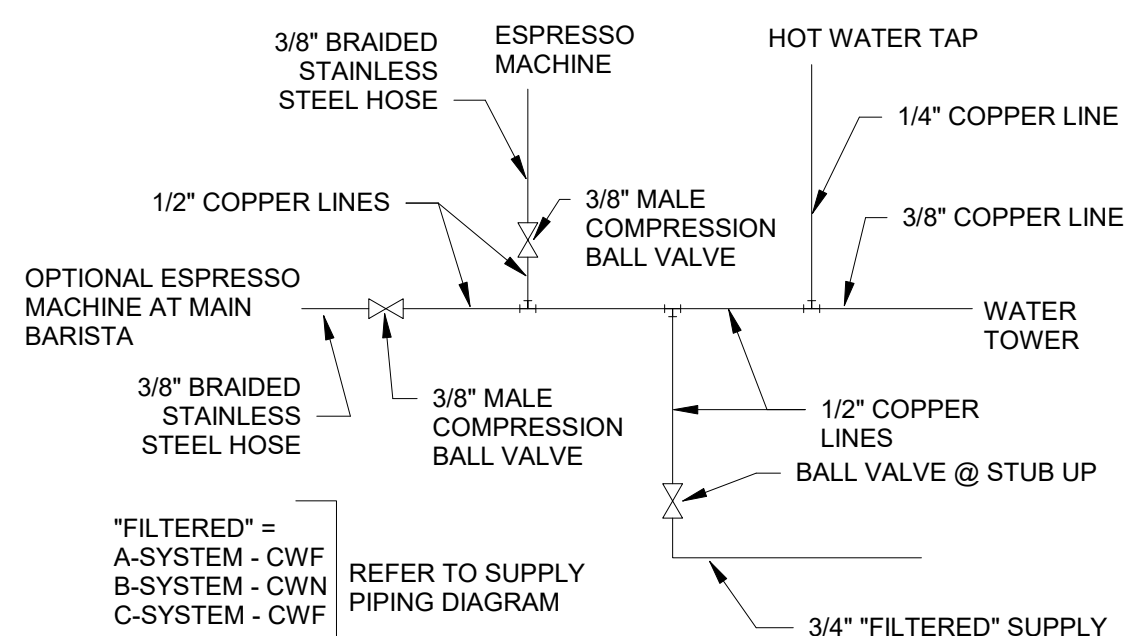
1. THIS DETAIL IS SCHEMATIC ONLY. FOR THE LOCATION OF THE COMPONENTS SHOWN, AND EXTENT OF THE WORK REQUIRED, SEE THE PLAN DRAWINGS.
2. ALL WATER HOSE SHALL BE THE MINIMUM LENGTH NEEDED AND SUPPORTED AS REQUIRED TO AVOID STRESSING CONNECTIONS AND COILING EXCESSIVE HOSE. ROUTE TO AVOID KINKING AND ALLOW 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.



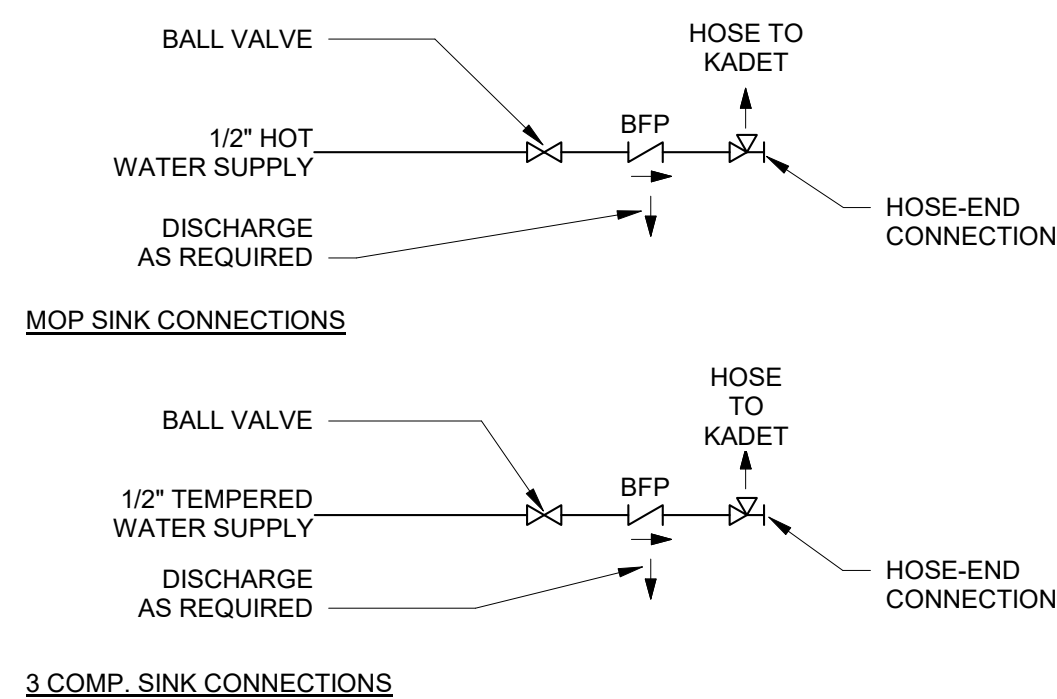
2 WATER FILLING STATION
3/4" = 1'-0"



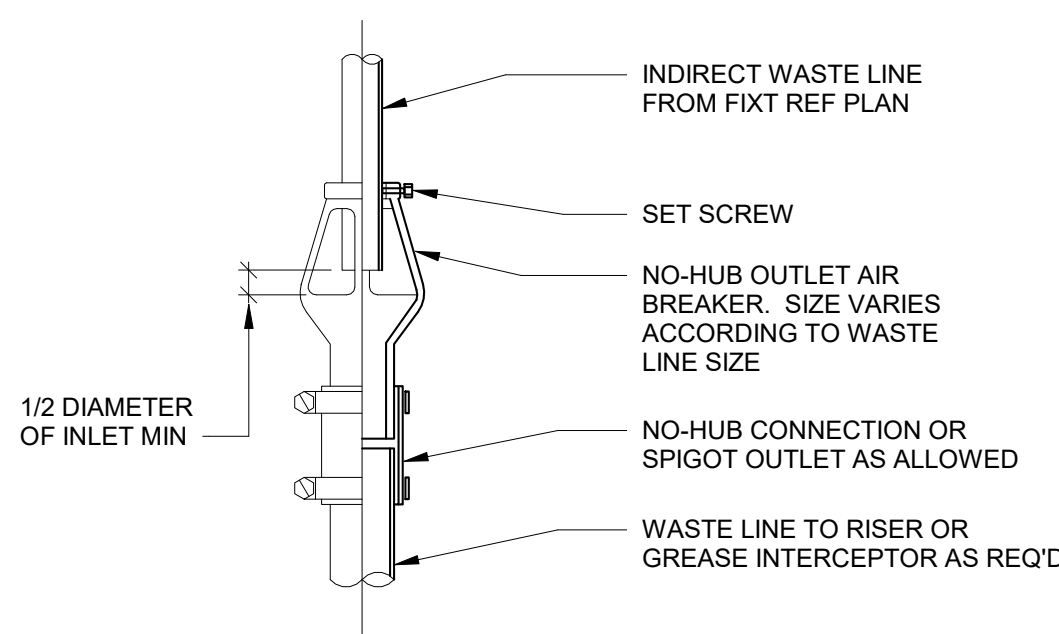
3 ICE MACHINE
3/4" = 1'-0"



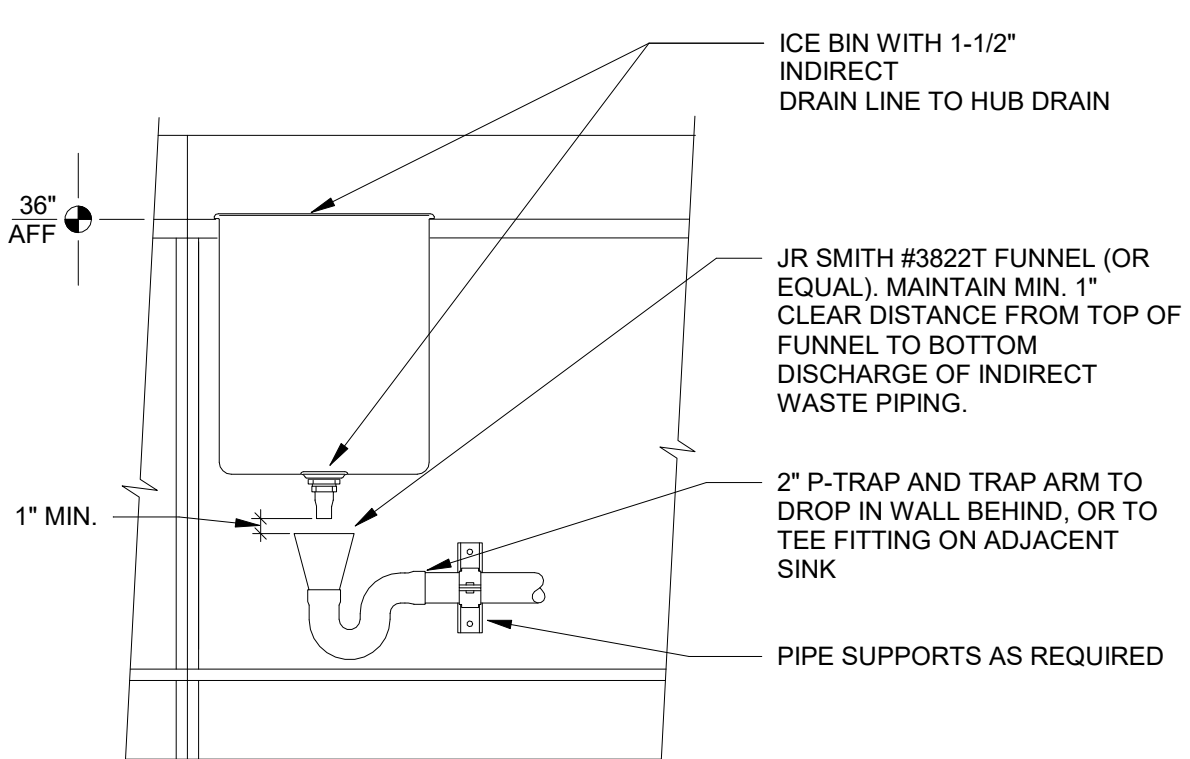
5 FRONTLINE FILTERED WATER MANIFOLD SCHEMATIC
SCALE: NTS



6 CHEMICAL SANITIZER CONNECTION SCHEMATICS
SCALE: NTS




7 AIR BREAKER DETAIL
SCALE: NTS



8 ICE BIN HUB DRAIN DETAIL
SCALE: NTS

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STARBUCKS TEMPLATE VERSION i2020-01-31

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Engineering Consultant

120-20

STATE OF MISSOURI
WILLIAM J. ALKEMEYER
NUMBER 127453
REGISTERED PROFESSIONAL ENGINEER
MECHANICAL ENGINEERING
07/06/20
07/13/2020
RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DESIGN/CONSTRUCTION SERVICES
AND SUMMIT, MISSOURI

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

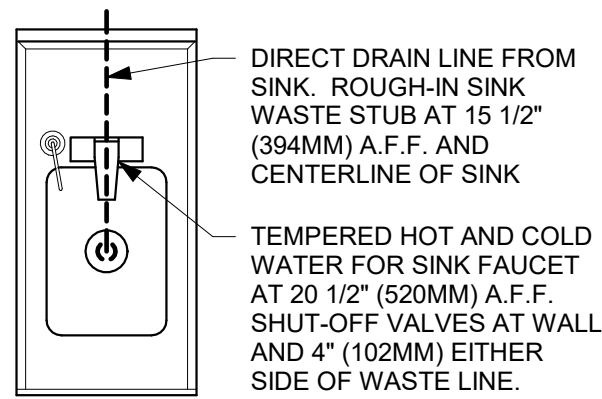
STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
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Revision Schedule			
Rev	Date	By	Description

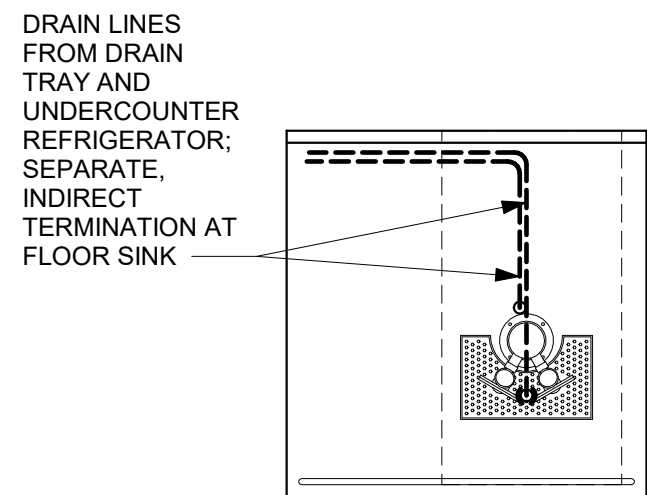
SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

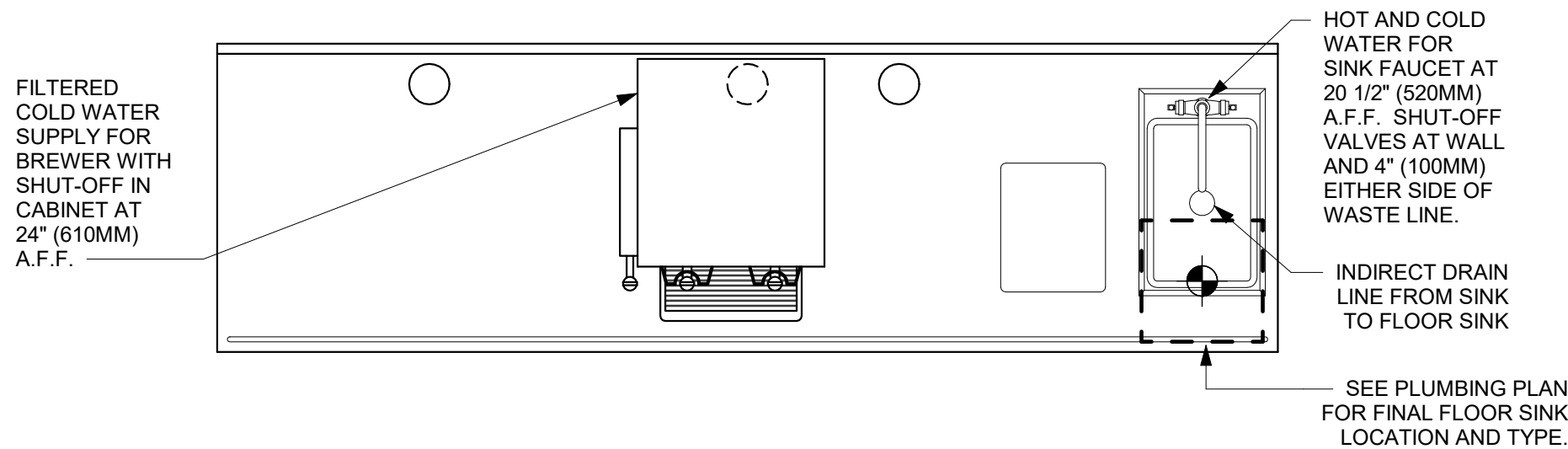
SHEET NUMBER:
P502



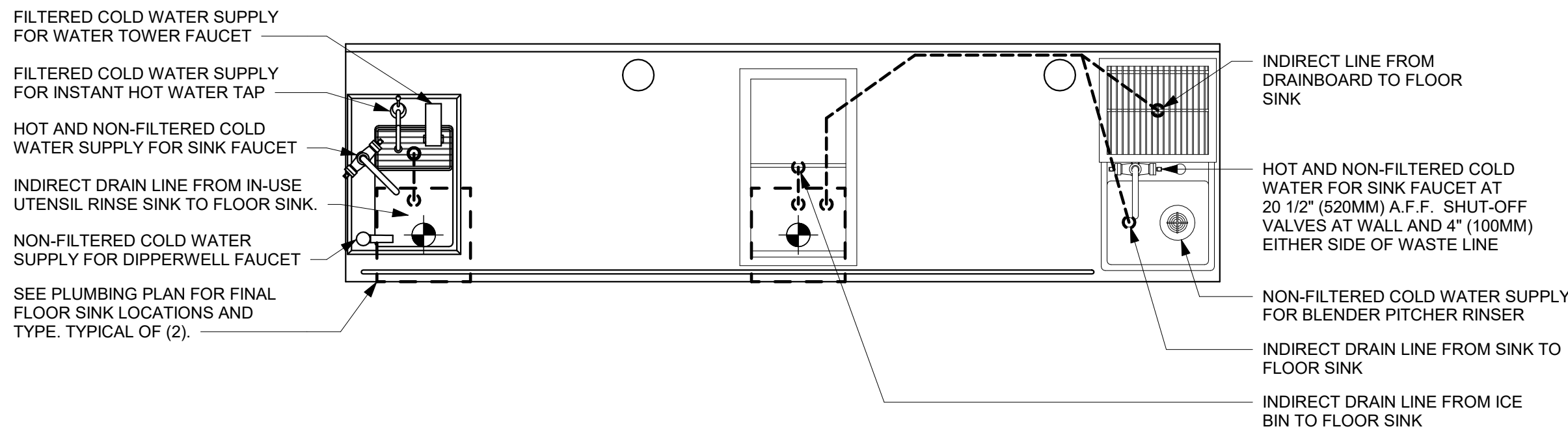
1 ADD 02-01 PLUMBING
3/4" = 1'-0"



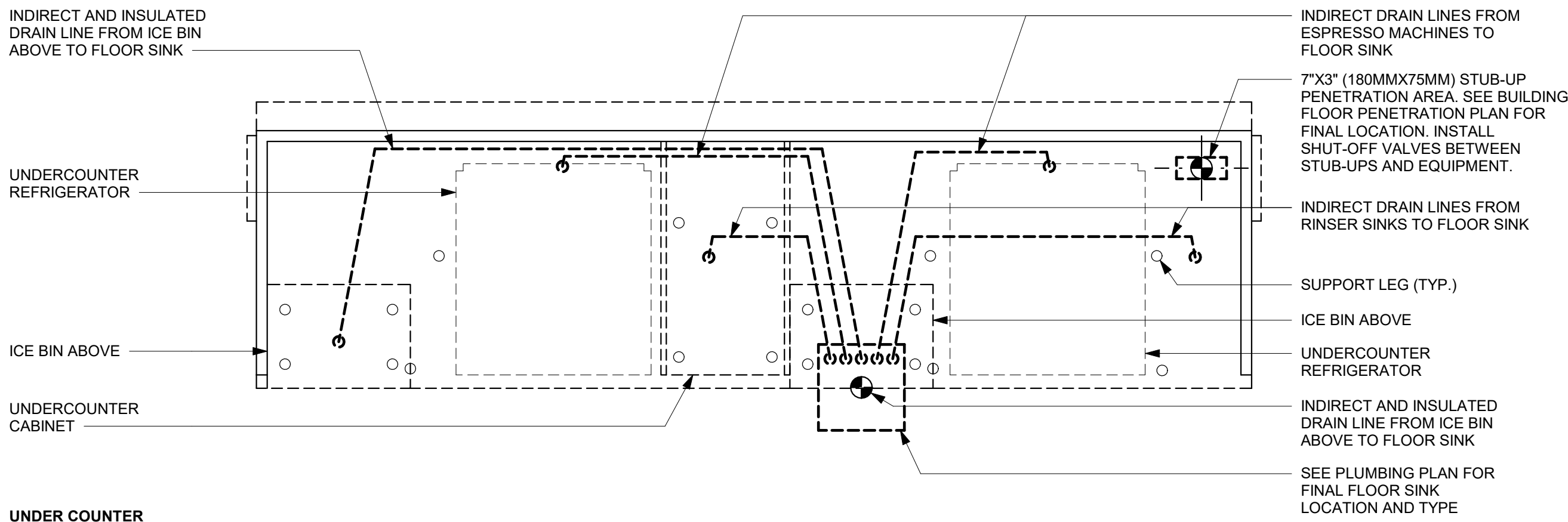
2 NIT 12-01 PLUMBING
3/4" = 1'-0"



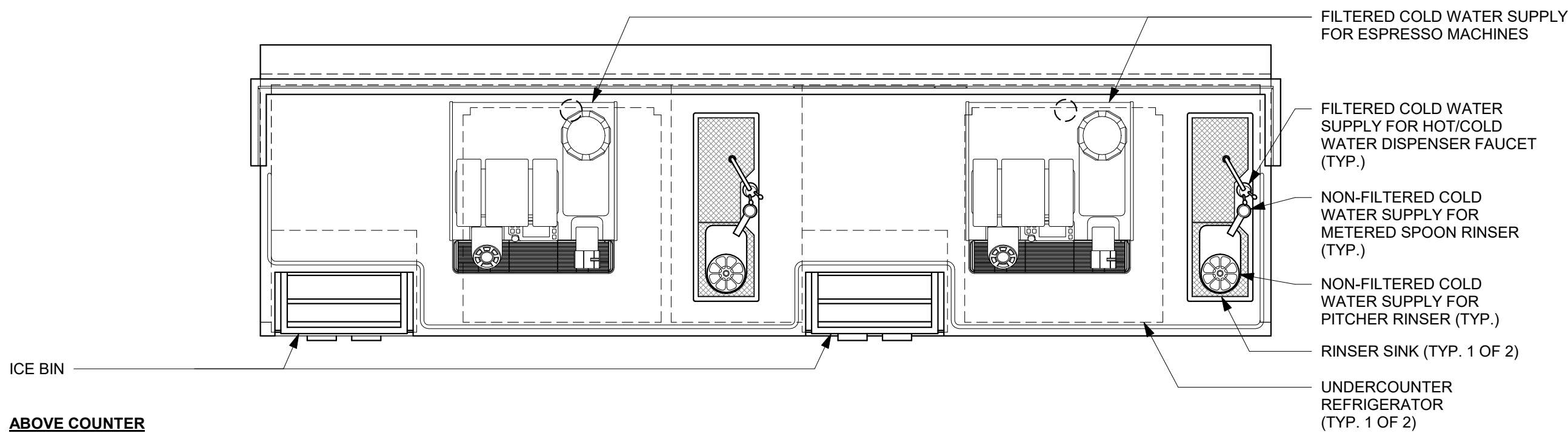
3 BRW 03-02 PLUMBING
3/4" = 1'-0"



4 CBE 02-04 PLUMBING
3/4" = 1'-0"



5 ESP 10-01 PLUMBING
3/4" = 1'-0"



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Engineering Consultant

120-20



PROJECT NAME:
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Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING DETAILS

SCALE: AS SHOWN

SHEET NUMBER:
P503

REVISION 1 SET - ISSUED 07.07.2020

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-NH2.
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	2	FAUCET - HOT WATER DISPENSER 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	
X0010	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
FILTER					
12501	1	FILTER - RO SYSTEM 600GPD	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
12507	1	FILTER - RO SYSTEM 40GAL STORAGE TANK	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
12896	1	FILTER - BRINE TANK	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
12899	2	FILTER - POLY GLASS VESSEL	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
13076	1	FILTER - PREFILTRATION SYSTEM	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
13082	1	FILTER - WATER SOFTENER TWIN	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
13149	1	FILTER - PRESSURE GAUGE	SB	SB	CONFIGURATION [III]. GC TO COORDINATE WITH SBUX VENDOR.
OTHER					
13384	1	WATER HEATER TANK GAS	GC	GC	AO SMITH CYCLONE XI MODEL #8TX-100, 129 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	
12807	1	SINK - UTENSIL RINSE WITH GRATE SST - LH - 14X20IN 355X510MM	SB	GC	
13264	1	SINK - 3 COMP WORK SST - 93IN 2350MM	SB	GC	
14688	1	SINK - HAND WITH SIDE SPLASH WALL MOUNTED SST	SB	GC	
17565	1	SINK - RINSE WITH DRAINBOARD - 15X27IN 380X385MM	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	
X0012	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
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)

SPECIALTY EQUIPMENT SCHEDULE - "E"					
DESIGN ID	COUNT	DESCRIPTION	FURN. BY	INST. BY	COMMENTS
COOLING					
10267	5	FRIDGE UNDERCOUNTER 1 DOOR - 27IN 685MM	SB	GC	
10970	1	FRIDGE REACH IN 1 DOOR LH - 29IN 735MM	SB	GC	
11083	2	FRIDGE REACH IN 2 DOOR - 51X35IN 1295X890MM	SB	GC	
12618	2	FRIDGE UNDERCOUNTER 1 DOOR WITH SHELF - 27IN 685MM	SB	GC	
13676	1	FREEZER REACH IN 1 DOOR RH - 27IN 685MM	SB	GC	
13682	1	FREEZER REACH IN 2 DOOR - 54IN 1370MM	SB	GC	
20011	1	FRIDGE NITRO 2 TAP JT NITCOM RH	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.
10866	6	BREWER SERVER SOFT HEAT	SB	GC	
12407	2	OVEN TURBOCHER NEXT GENERATION	SB	GC	
12508	2	BLENDER QUIET MODEL ON COUNTER	SB	GC	
12508	1	BLENDER QUIET MODEL ON COUNTER - BACK-UP	SB	GC	TO BE STORED IN BACK OF HOUSE UNLESS NEEDED
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.
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	
20079	1	NITRO 2 TAP BADGE MOUNT BACKBAR LH	SB	GC	
20080	1	NITRO 2 TAP BADGE MOUNT BACKBAR RH	SB	GC	
X0009	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
X0011	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
STORAGE					
10222	2	WIRE SHELF GRID AT SINK	SB	GC	
10416	9	WORKROOM SHELVING - 36IN 915MM	SB	GC	
10462	9	WORKROOM SHELVING POSTS	SB	GC	
10698	1	MOP RACK WITH 3 HOLDERS	SB	GC	
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 510X650MM	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	2	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	NOT PROVIDED BY CASEWORK VENDOR
17581	1	CABINET - CBE DRY INCLUSION SHELF - 23IN 585MM - FLAT BLACK MT0028	SB	GC	NOT PROVIDED BY CASEWORK VENDOR
17740	2	CABINET - BACKBAR - 30IN 760MM	SB	GC	
17741	4	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	1	CABINET - BACKBAR TRASH - 15IN 380MM	SB	GC	
18122	2	CABINET - BACKBAR SINK OR ICE - 16IN 405MM	SB	GC	
19280	1	CABINET - ESPRESSO CUBBY WITH OPEN BACK - 15IN 380MM	SB	GC	
19281	2	CABINET - ESPRESSO ICE BIN STAINLESS - 20IN 510MM	SB	GC	
21189	1	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	1	CABINET - ESPRESSO CUBBY WITH OPEN BACK - 18IN 455MM	SB	GC	
X0016	1	CABINET - DT POS UPPER CUBBY W DOORS	SB	GC	SEE DETAILS
X0032	2	CABINET - BACKBAR COUNTER CUSTOM CABINET	SB	GC	SEE DETAILS, CURVED DOOR
X0035	1	CABINET - 12IN 305MM	SB	GC	SEE DETAILS
CAFE					
20131	1	CONDIMENT CART THREE DROP - WHITE OAK AND WHITE WD0073 CP0002	SB	GC	NOT PROVIDED BY CASEWORK VENDOR
20367	1	WALL BAY 2 UNIT - 72IN 1830MM - WHITE OAK WD0073	SB	GC	NOT PROVIDED BY CASEWORK VENDOR
COUNTERTOP					
17809	2	COUNTERTOP - HAND SINK WITH LOW SPLASH STAINLESS - 15IN 380MM	SB	GC	
17828	1	COUNTERTOP - BACKSPLASH - VARIABLE LENGTH	SB	GC	LENGTH:5'-10 3/4". SEE DETAILS FOR ADDITIONAL INFORMATION
19711	1	COUNTERTOP - WARMING - RF - 75IN 1905MM	SB	GC	
20061	1	COUNTERTOP - ESPRESSO METRO - RF - 139IN 3530MM	SB	GC	
20063	1	COUNTERTOP - FRONTBAR CAP - 139IN 3530MM	SB	GC	
X0006	1	COUNTERTOP - FRONTBAR MOP PLANAR - 30IN 760MM	SB	GC	SEE DETAILS
X0015	1	COUNTERTOP - AT DT	SB	GC	SEE DETAILS
X0017	1	COUNTERTOP - CBE - w/ MAGIC SINK- RF - 112IN 2845MM	SB	GC	SIMILAR TO 17577. PROVIDE OPENING FOR MAGIC SINK INSTEAD OF RINSE TRAY & WATER FILLER.
X0018	1	COUNTERTOP - POS	SB	GC	SEE DETAILS
X0019	1	COUNTERTOP - DT POS - LF - VARIABLE LENGTH	SB	GC	LENGTH: 6' - 7 153/256" SEE DETAILS FOR ADDITIONAL INFORMATION
X0020	1	COUNTERTOP - BREW WITH TRASH DROP - LF	SB	GC	SEE DETAILS
X0033	1	CORIAN SILL @ DT WINDOW	SB	GC	1" SILL. SEE DETAILS
X0037	1	COUNTERTOP - BACKBAR NITRO - RH	SB	GC	SIMILAR TO 20051. W/O BACKSPLASH & WATERFALL EDGE
DIEWALL					
20064	1	DIEWALL - ESPRESSO - 139IN 3530MM	SB	GC	
X0013	1	DIEWALL	SB	GC	SEE DETAILS
X0023	1	DIEWALL - POS	SB	GC	SEE DETAILS
OTHER					
10218	2	CORNER GUARD - 0.75IN 20MM - CLEAR PLASTIC	SB	GC	GC TO INSTALL FULL HEIGHT. PAINT INSIDE FACE TO MATCH ADJACENT WALL COLOR.
11142	2	CORBEL SUPPORT - 24IN 610MM	SB	GC	
11155	2	ESPRESSO MACHINE PUMP MOUNT - 10X10IN 255X255MM	SB	GC	
17829	1	FRENCH CLEAT - VARIABLE LENGTH	SB	GC	OVERALL LENGTH 3' - 2"
18145	4	COUNTERTOP SUPPORT LEG	SB	GC	
20066	1	SHROUD - 139IN 3530MM	SB	GC	
20067	1	SNEEZE GUARD - 139IN 3530MM	SB	GC	
20633	2	COUNTERTOP SUPPORT LEG SLIM	SB	GC	
X0026	1	WOOD TRIM - WD0073	SB	GC	1X1IN. WD0073 WOOD TRIM. SEE WALL TREATMENT LENGTH SCHEDULE.
PANEL					
20065	1	PANEL - 139IN 3530MM	SB	GC	
X0014	1	PANEL	SB	GC	SEE DETAILS
X0024	1	PANEL	SB	GC	SEE DETAILS
X0025	1	WAINSCOT	SB	GC	SEE WALL TREATMENT (LENGTH) SCHEDULE. TOTAL AREA: 157SF

RESPONSIBILITY LEGEND

GC	GENERAL CONTRACTOR
LL	LANDLORD
SB	STARBUCKS

REVISION 1 SET - ISSUED 07.07.2020



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STARBUCKS TEMPLATE VERSION i2020-01-31



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Engineering Consultant

120-20



RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DESIGN/PERMIT SERVICES
JAN SUMMIT, MISSOURI
07/06/20 07/13/2020

PROJECT NAME:
**BUILDOUT OF STARBUCKS
COFFEE - NW PRYOR RD &
CHIPMAN - LEE'S SUMMIT**

PROJECT ADDRESS:
**STREETS OF WEST PRYOR, LOT 3
2050 NW LOWENSTEIN DR.
LEE'S SUMMIT, MO
JACKSON COUNTY**

STORE #: 62012
PROJECT #: 87799-001
ISSUE DATE: 07-07-2020
SR. DESIGN MANAGER: K. GORIN SLONSKI
PRODUCTION DESIGNER: A. HAHN
CHECKED BY: SMD / SWE

Revision Schedule			
Rev	Date	By	Description

SHEET TITLE:
PLUMBING SCHEDULES

SCALE: AS SHOWN

SHEET NUMBER:
P601