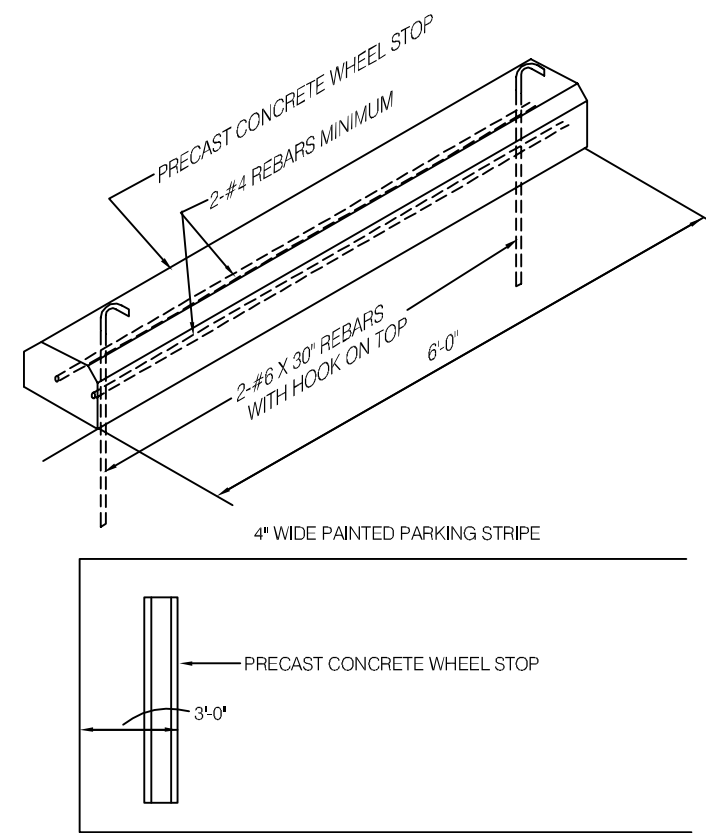
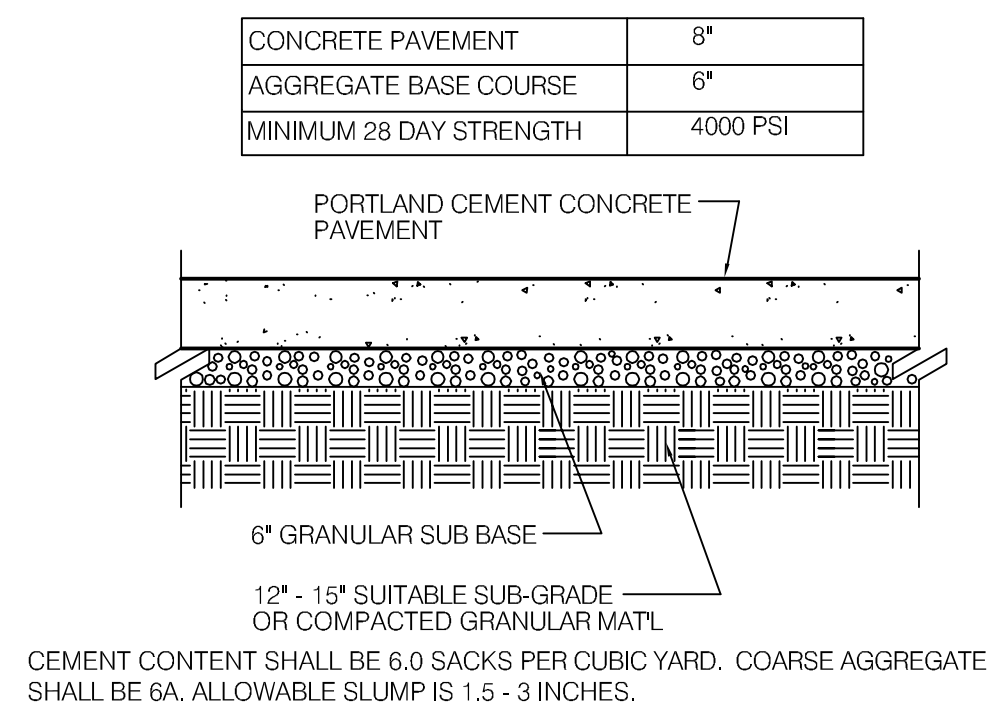


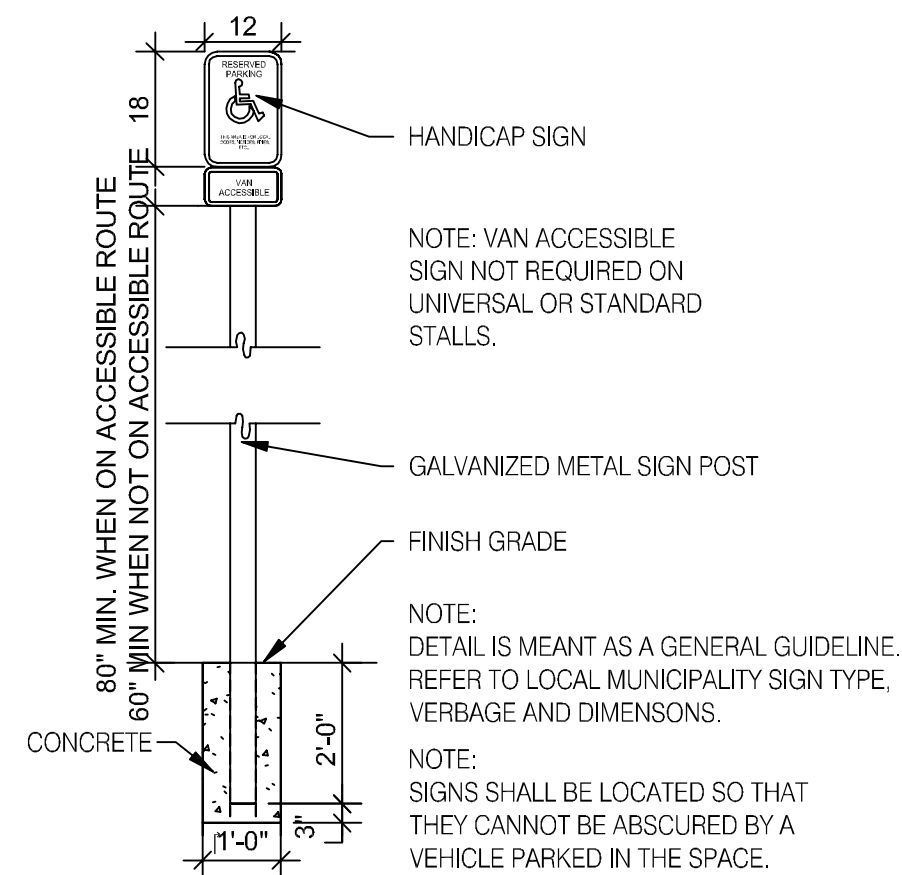
CURB DETAIL N.T.S. **5**



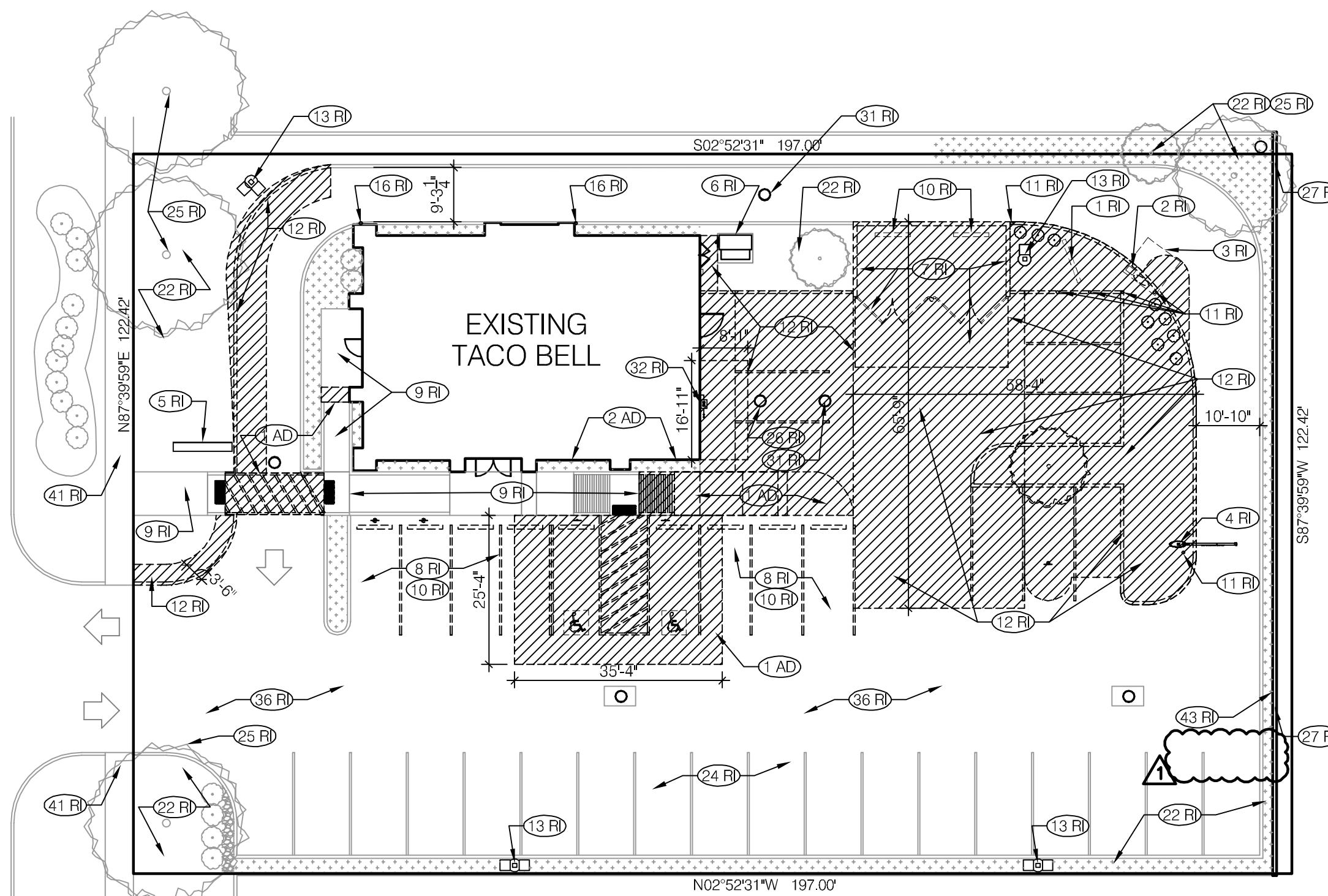
CONCRETE WHEEL STOP N.T.S. **3**



CONC. PAVEMENT SECTION N.T.S. **6**



ADA PARKING SIGN N.T.S. **4**



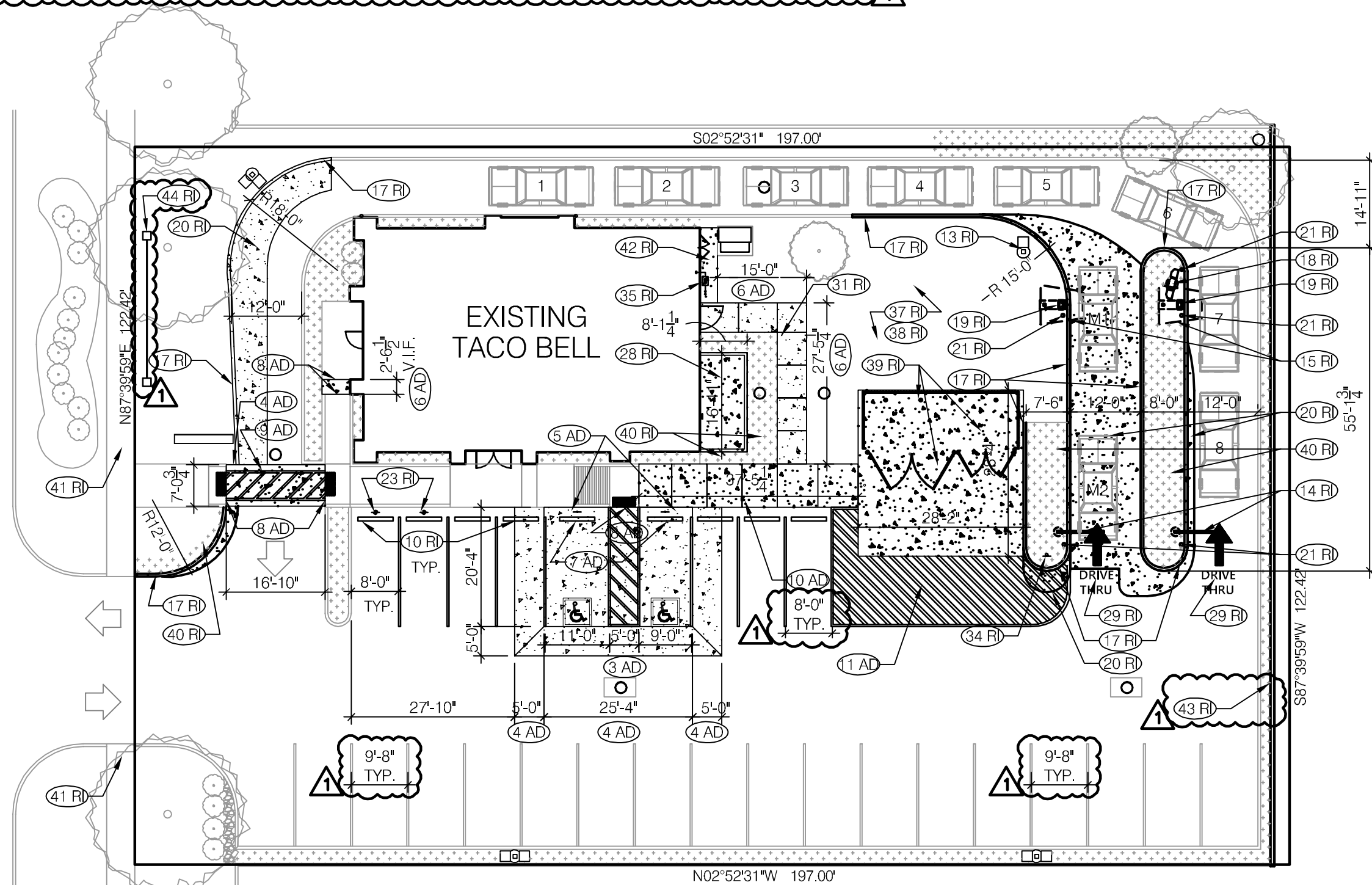
NOTE: CIVIL SHEETS SUPERSEDE ARCHITECTURAL SITE SHEETS. REFER TO LANDSCAPE SHEET L1.0 FOR NEW LANDSCAPE DETAILS.



DEMO SITE PLAN 1" = 20'-0" **1**

TRASH PICK UP TIMES TO REMAIN:

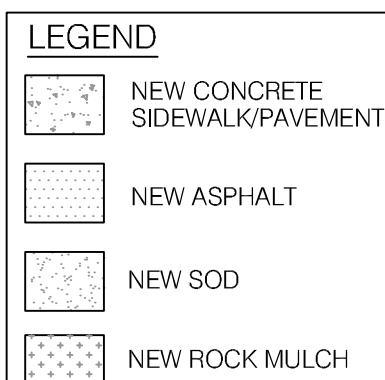
ALTHOUGH THE NATURE OF THE USE IS 24 HOURS A DAY, 7 DAYS A WEEK, A CONDITION OF APPROVAL OF THE ORIGINAL SPECIAL LAND PERMIT USE IN 1992 LIMITS DELIVERIES AND TRASH PICKUP TO THE HOURS BETWEEN 7 AM AND 9 PM.



NOTE: CIVIL SHEETS SUPERSEDE ARCHITECTURAL SITE SHEETS. REFER TO LANDSCAPE SHEET L1.0 FOR NEW LANDSCAPE DETAILS.



SITE PLAN 1" = 20'-0" **2**



REMODEL IMAGE (RI)

- (1 RI) VENDOR TO REMOVE EXISTING DRIVE THRU MENU BOARD. G.C. TO REMOVE EXISTING FOOTING AND REMOVE EXISTING ELECTRICAL WIRING.
- (2 RI) SIGN VENDOR TO REMOVE EXISTING ORDER SPEAKER BOX. G.C. TO REMOVE FOOTING AND REMOVE ELECTRICAL WIRING.
- (3 RI) SIGN VENDOR TO REMOVE EXISTING ORDER POINT CANOPY. G.C. TO REMOVE AND FOOTING AND WIRING.
- (4 RI) SIGN VENDOR TO REMOVE EXISTING CLEARANCE BAR. G.C. TO REMOVE FOOTING.
- (5 RI) SIGN VENDOR TO REFACE/REFURBISH EXISTING MONUMENT SIGN FACE. SCRAPE AND PAINT SIGN CABINET BLACK.
- (6 RI) EXISTING TRANSFORMER AND PAD TO REMAIN. PROTECT DURING CONSTRUCTION. DO NOT PAINT.
- (7 RI) REMOVE EXISTING TRASH ENCLOSURE COMPLETE.
- (8 RI) REMOVE EXISTING NON-ACCESSIBLE PARKING STRIPES.
- (9 RI) EXISTING SIDEWALK TO REMAIN.
- (10 RI) EXISTING WHEEL STOPS TO BE RELOCATED. REFER TO 2/CT1.0 FOR NEW LOCATIONS.
- (11 RI) REMOVE EXISTING BOLLARD AND FOOTING COMPLETE.
- (12 RI) REMOVE PORTION OF EXISTING LANDSCAPE AREA (INCLUDING TREES AND SHRUBS), CURBS, SIDEWALK, AND/OR PAVEMENT FOR NEW WORK, AS SHOWN HATCHED.
- (13 RI) EXISTING LED SITE LIGHTS TO REMAIN. EXISTING POLES AND CONCRETE FOOTING NOT TO BE PAINTED.
- (14 RI) G.C. TO PROVIDE NEW FOOTING AND ELECTRICAL REQUIREMENTS. SIGN VENDOR TO INSTALL CLEARANCE BAR. REFER TO DETAILS 6 AND 7/CT1.1 AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (15 RI) G.C. TO PROVIDE NEW FOOTING AND ELECTRICAL REQUIREMENTS. SIGN VENDOR TO INSTALL NEW ORDER POINT CANOPY. REFER TO DETAILS 3, 4, AND 6/CT1.1 FOR ADDITIONAL INFORMATION.
- (16 RI) EXISTING BOLLARD TO REMAIN. PROVIDE NEW "SAFETY YELLOW" PLASTIC BOLLARD COVER.
- (17 RI) NEW 6" CURB, 7" MAX. HEIGHT. REFER TO 5/CT1.0 FOR ADDITIONAL INFORMATION.
- (18 RI) G.C. TO PROVIDE NEW FOOTING AND ELECTRICAL REQUIREMENTS. SIGN VENDOR TO INSTALL NEW DIGITAL MENU BOARD. REFER TO DETAILS ON 4 AND 5/CT1.1 AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (19 RI) G.C. TO PROVIDE NEW FOOTING AND ELECTRICAL REQUIREMENTS. G.C. TO SET ORDER SPEAKER BOX. SIGN VENDOR TO INSTALL. REFER TO DETAILS ON 3 AND 4/CT1.1 AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- (20 RI) NEW CONCRETE DRIVE THRU LANE. REFER TO DETAIL 6/CT1.0. REFER TO CIVIL PLANS FOR ADDITIONAL INFORMATION.
- (21 RI) NEW BOLLARD, PROVIDE "SAFETY YELLOW" PLASTIC COVER. REFER TO DETAIL 2/CT1.1.
- (22 RI) EXISTING LANDSCAPE AREA AND CURBING TO REMAIN.
- (23 RI) DESIGNATED GO MOBILE PICK-UP PARKING SPACE AND SIGNAGE TO BE INSTALLED BY G.C. INSTALL POLE AND SIGNAGE SIMILAR TO DETAIL 4/CT1.0.
- (24 RI) EXISTING NON-ACCESSIBLE PARKING STRIPES TO REMAIN.
- (25 RI) EXISTING TREES TO BE TRIMMED, FOR BETTER VISIBILITY OF BUILDING, AT OWNERS DIRECTION.
- (26 RI) G.C. TO LOCATE AND VERIFY EXISTING GREASE TRAP AND PROTECT DURING CONSTRUCTION PHASE.
- (27 RI) EXISTING CMU WALL TO REMAIN. PROTECT DURING CONSTRUCTION PHASES.
- (28 RI) LEVEL GRADING FOR NEW CONCRETE PAD AND NEW WALK-IN COOLER/FREEZER INSTALLATION, SHOWN IN HATCHED. REFER TO DETAIL 6/CT1.0, CIVIL, AND STRUCTURAL PLANS FOR ADDITIONAL INFORMATION.
- (29 RI) PROVIDE NEW DIRECTIONAL ARROWS AND LETTERING TO FOLLOW TACO BELL STANDARDS.
- (30 RI) CLEAN OIL & SODA STAINS IN DRIVE-THRU LANE AND THROUGHOUT PARKING LOT. POWER WASH ALL CONCRETE CURBS AND SIDEWALKS AROUND BUILDING AS REQUIRED.
- (31 RI) EXISTING SEWER. PROTECT DURING CONSTRUCTION.
- (32 RI) EXISTING GAS METER TO BE RELOCATED. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION. INQUIRE WITH CITY FOR FURTHER INSTRUCTIONS ON HOW TO PROCEED.
- (33 RI) IN FILL EXISTING PARKING AREA AS REQUIRED TO MATCH EXISTING GRADING AND/OR LANDSCAPING FOR NEW SIDEWALK INSTALLATION AT SERVICE DOOR.
- (34 RI) NEW DRIVE THRU DIRECTIONAL SIGN BY SIGN VENDOR INSTALLED BY G.C.
- (35 RI) LOCATION OF RELOCATED GAS METER. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- (36 RI) ENTIRE PARKING LOT CRACK FILL AND SEAL COAT AS REQUIRED. REMOVE ASPHALT AND REPAIR AROUND EACH CATCH BASIN.
- (37 RI) PROVIDE NEW LANDSCAPING TO MATCH EXISTING WHEN CONSTRUCTION IS COMPLETE.
- (38 RI) EXISTING IRRIGATION SYSTEM TO REMAIN. THE SITE AREA MODIFIED BY THE 2ND DRIVE-THRU LANE WILL ALTER THE EXISTING SYSTEM. G.C. TO MODIFY THE EXISTING SYSTEM TO ACCOMMODATE THE PROPOSED LAYOUT ACCORDINGLY. LANDSCAPE SUBCONTRACTOR TO PROVIDE DESIGN-BUILD PLANS TO BE INCLUDED IN AS-BUILT DRAWINGS AND SITE. LANDSCAPE SUBCONTRACTOR TO APPLY FOR AND PROVIDE REQUIRED PERMITS FOR THE IRRIGATION SYSTEM MODIFICATIONS.
- (39 RI) NEW TRASH ENCLOSURE AND GATES ON NEW CONCRETE PAVEMENT. REFER TO TRASH ENCLOSURE G2.0 FOR ADDITIONAL INFORMATION.
- (40 RI) NEW ROCK MULCH.
- (41 RI) EXISTING PUBLIC SIDEWALK.
- (42 RI) NEW CONCRETE PAD FOR NEW GAS METER INSTALLATION AND FRONT OF ELECTRICAL DISTRIBUTION ACCESS. RETAIN A 2% MAX SLOPE IN ALL DIRECTIONS. REFER TO DETAIL 6/CT1.0 FOR ADDITIONAL INFORMATION.
- (43 RI) POWERWASH EXISTING MASONRY SCREEN WALL AND REPAIR AS REQUIRED.
- (44 RI) OPTIONAL CITY DESIGNED DECORATIVE FENCE TO BE INSTALLED AT FRONT LANDSCAPING BY G.C. LENGTH TO BE DETERMINED AND APPROVED BY CITY REVIEW.

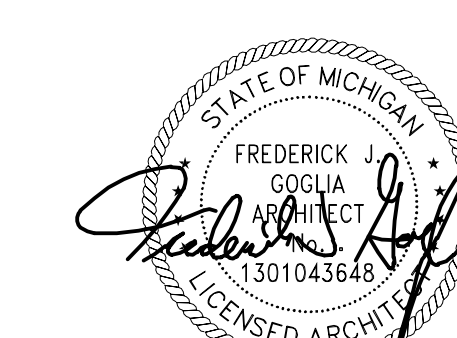
ADA NOTES (AD)

- (1 AD) REMOVE PORTION OF EXISTING SIDEWALK OR PAVEMENT FOR NEW ADA WORK (SHOWN HATCHED).
- (2 AD) REMOVE EXISTING ADA PARKING SIGNAGE FROM BUILDING. REPAIR AS REQUIRED FROM REMOVAL.
- (3 AD) NEW HCP STRIPING, STRIPE PER CITY & ADA REQUIREMENTS. REFER TO REQUIREMENTS ADA1.1 FOR ADDITIONAL INFORMATION.
- (4 AD) NEW CONCRETE PAVEMENT, ATTAIN 2% MAX SLOPE IN ANY DIRECTION. REFER TO DETAIL 6/CT1.0 FOR ADDITIONAL INFORMATION.
- (5 AD) NEW ACCESSIBLE PARKING SIGN TO BE INSTALLED WITH NEW FOOTING. ADD CONSEQUENCES OF PARKING ILLEGALLY SIGN ON SAME POLE. NEW POLE TO BE INSTALLED. REFER TO 4/CT1.0 FOR SIGN INSTALLATION AND MOUNTING HEIGHTS.
- (6 AD) NEW CONCRETE SIDEWALK WITH A RUNNING SLOPE OF 5% AND A CROSS SLOPE OF 2%. REFER TO DETAIL 6/CT1.0 FOR ADDITIONAL INFORMATION.
- (7 AD) RELOCATED WHEEL STOP.
- (8 AD) PROVIDE SMOOTH TRANSITION.
- (9 AD) NEW CROSSWALK & STRIPING.
- (10 AD) NEW CONCRETE LEVEL WITH PARKING PAVEMENT AND 2% (1:50) MAXIMUM SLOPE IN ALL DIRECTIONS. REFER TO DETAIL 4/CT1.0 AND CIVIL PLANS FOR ADDITIONAL INFORMATION.
- (11 AD) NEW STRIPING AT TRASH ENCLOSURE.

KEY NOTES

A

ARCVISION
INCORPORATED
ARCHITECTURE / ENGINEERING / STORE PLANNING
SAINT LOUIS / DALLAS / LAS VEGAS / ORLANDO
1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
PH. (314) 415-2400 FAX (314) 415-2300 www.arcvision.com



2/9/23

02.08.23 PLANNING COMMENTS

CONTRACT DATE: N2T-M70HD
BUILDING TYPE: ENDEAVOR
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WACHO
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

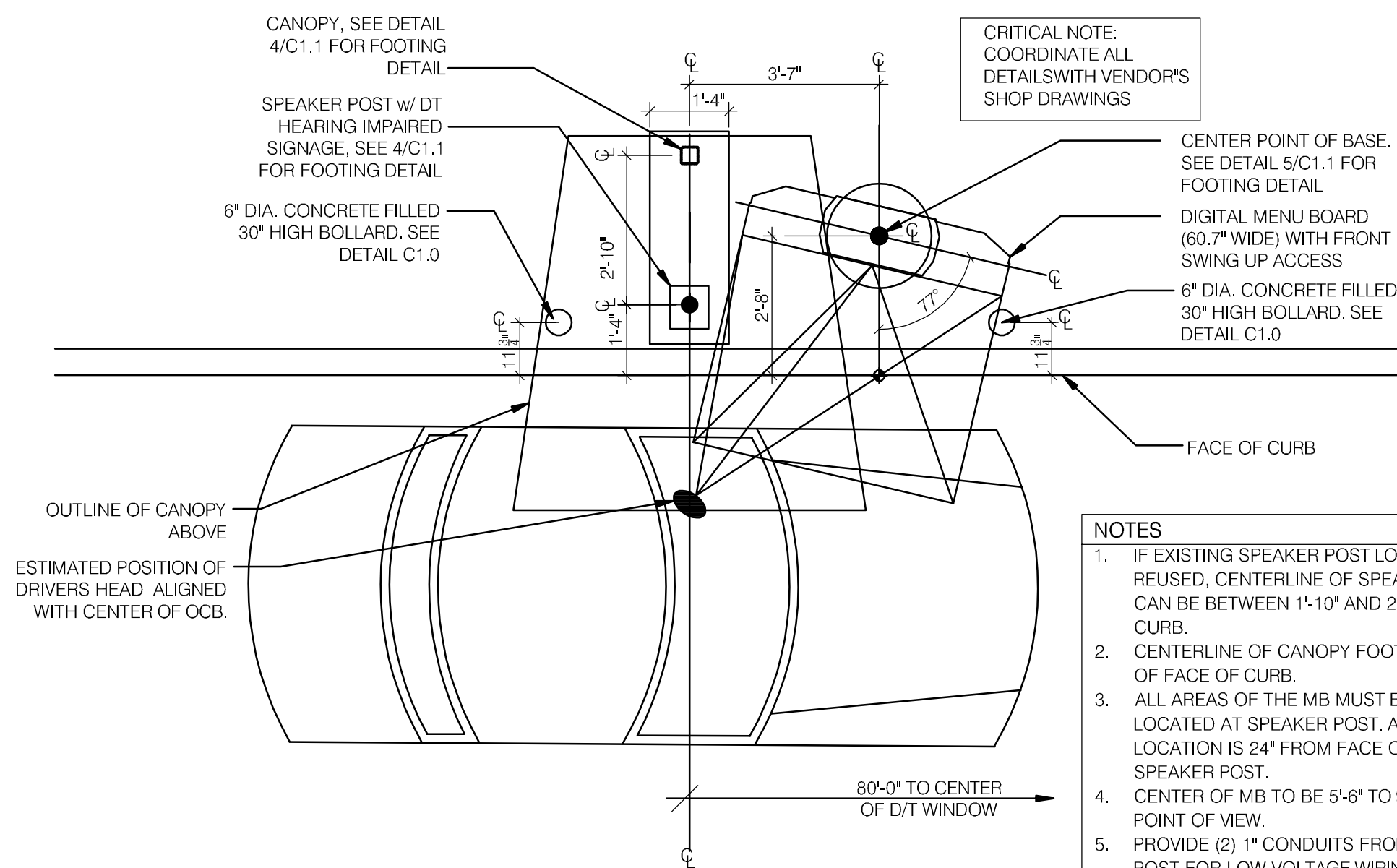
TACO BELL
205 ANN ARBOR RD.
PLYMOUTH, MI 48170



SITE PLAN

CT1.0

R0 SET ISSUED: 10.27.22



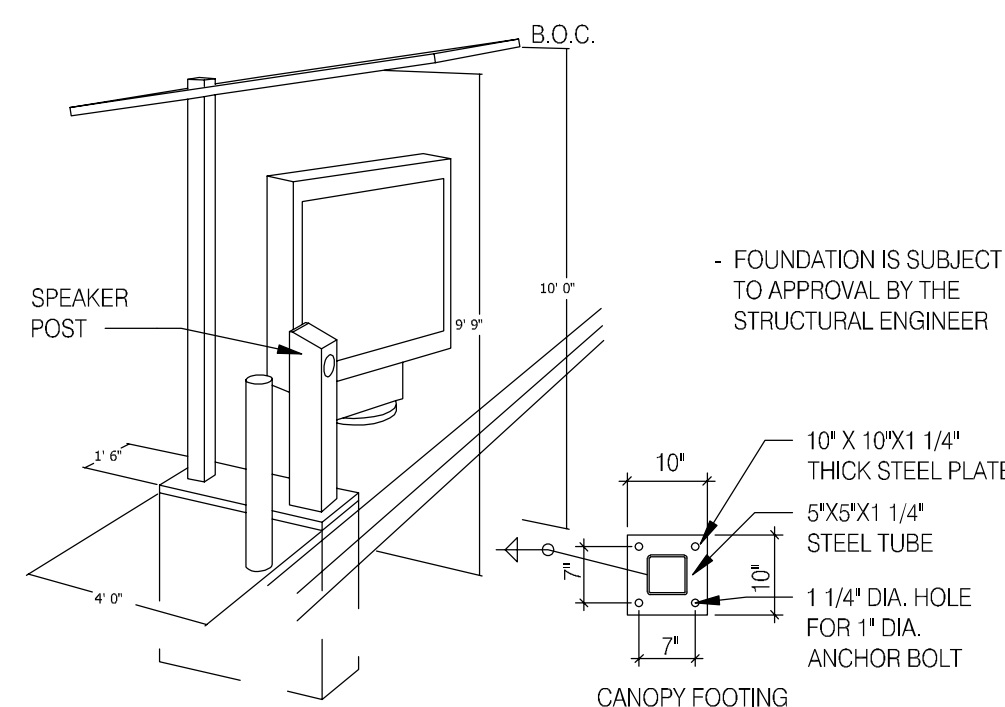
ENLARGED MENU BOARD DETAIL @ STRAIGHT CURB 3/8" = 1'-0" **4**

- SOW FOR DMB INSTALL AND VENDORS**
- RSCS TO SUPPLY DMB AND CABLE
 - SIGN VENDOR TO SUPPLY ANCHOR BOLTS AND BOLT PATTERN TO GC.
 - SITE SURVEY - SIGN VENDOR
- NEW BUILD**
- TRENCHING/ CONDUIT- GC
 - FORMING/ FOUNDATION/ ANCHOR BOLTS - GC
 - DMB INSTALL - SIGN VENDOR
 - DMB CABLE PULL - SIGN VENDOR
 - DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR
 - ELECTRICAL - PULL BY GC - DEDICATED CIRCUIT
- REMODEL (SUCCESSOR MANDATORY - MIDTERM OPTIONAL FOR FZ)**
- EXISTING FOOTING (SKIP TO STEP 4) - SIGN VENDOR
 - TRENCHING/ CONDUIT - SIGN VENDOR
 - FORMING/ FOUNDATION/ ANCHOR-BOLTS (SKIP TO STEP 5) - SIGN VENDOR
 - ANCHOR BOLTS - SIGN VENDOR
 - DIGITAL MD INSTALL - SIGN VENDOR
 - DMB CABLE PULL - SIGN VENDOR
 - DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR

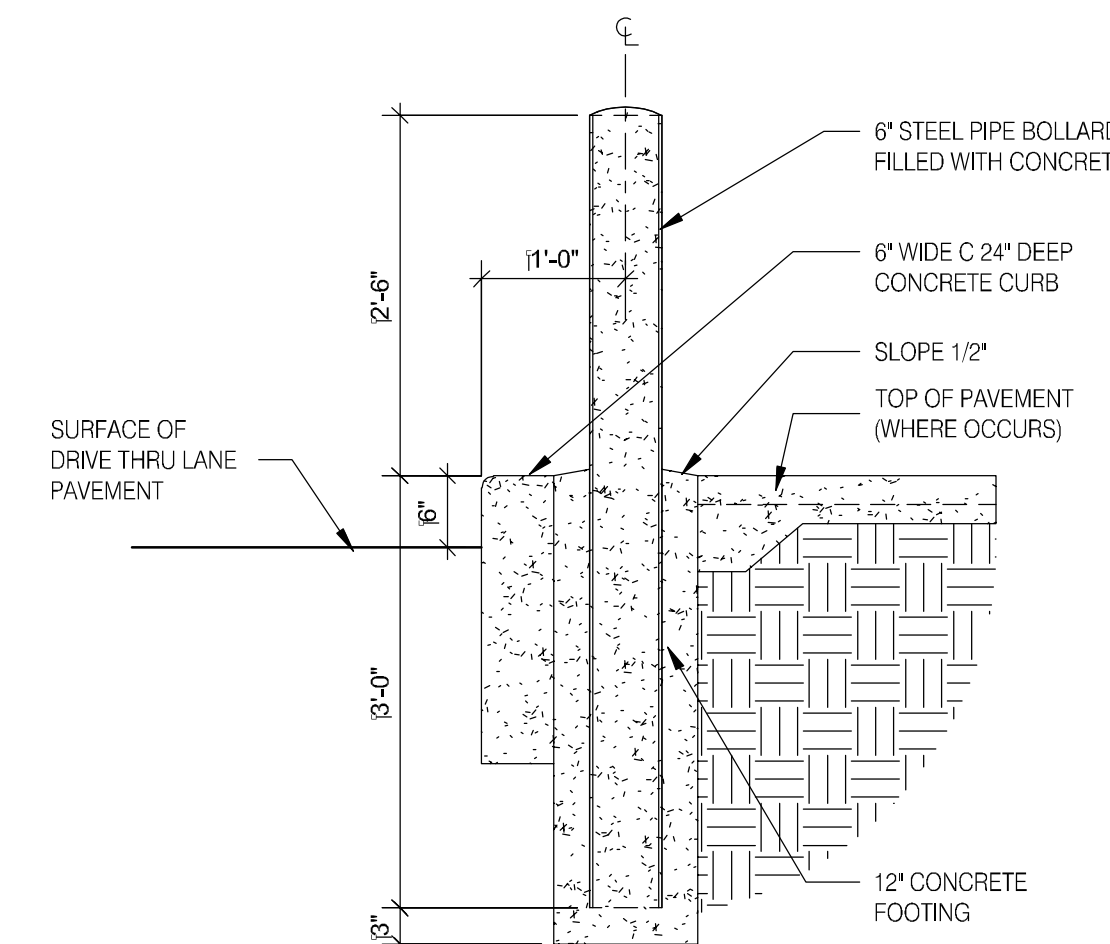
- JUST DMB INSTALL**
- PERMITTING - SIGN VENDOR
 - EXISTING FOOTING (SKIP TO STEP 4) - SIGN VENDOR
 - TRENCHING/ CONDUIT - SIGN VENDOR
 - FORMING/ FOUNDATION/ ANCHOR-BOLTS (SKIP TO STEP 5) - SIGN VENDOR
 - ANCHOR BOLTS - SIGN VENDOR
 - DIGITAL MD INSTALL - SIGN VENDOR
 - DMB CABLE PULL - SIGN VENDOR
 - DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR

	REMODEL	NEW BUILDING	RETROFIT
FOUNDATION IS FURTHER THAN 8'	RECOMMEND NEW FOUNDATION WORK FOUNDATION PERFORMED BY GC	N/A	RECOMMEND NEW FOUNDATION WORK PERFORMED BY GC
USING EXISTING FOUNDATION (ALTHOUGH NOT RECOMMENDED)	-	N/A	-
INTEGRATED CANOPY EXISTS	-	N/A	-
BOLLARDS NEEDED - DO NOT PLACE IN FRONT OF MENUBOARD	WORK PERFORMED BY SIGNAGE INSTALLER	WORK PERFORMED BY SIGNAGE INSTALLER	WORK PERFORMED BY SIGNAGE INSTALLER

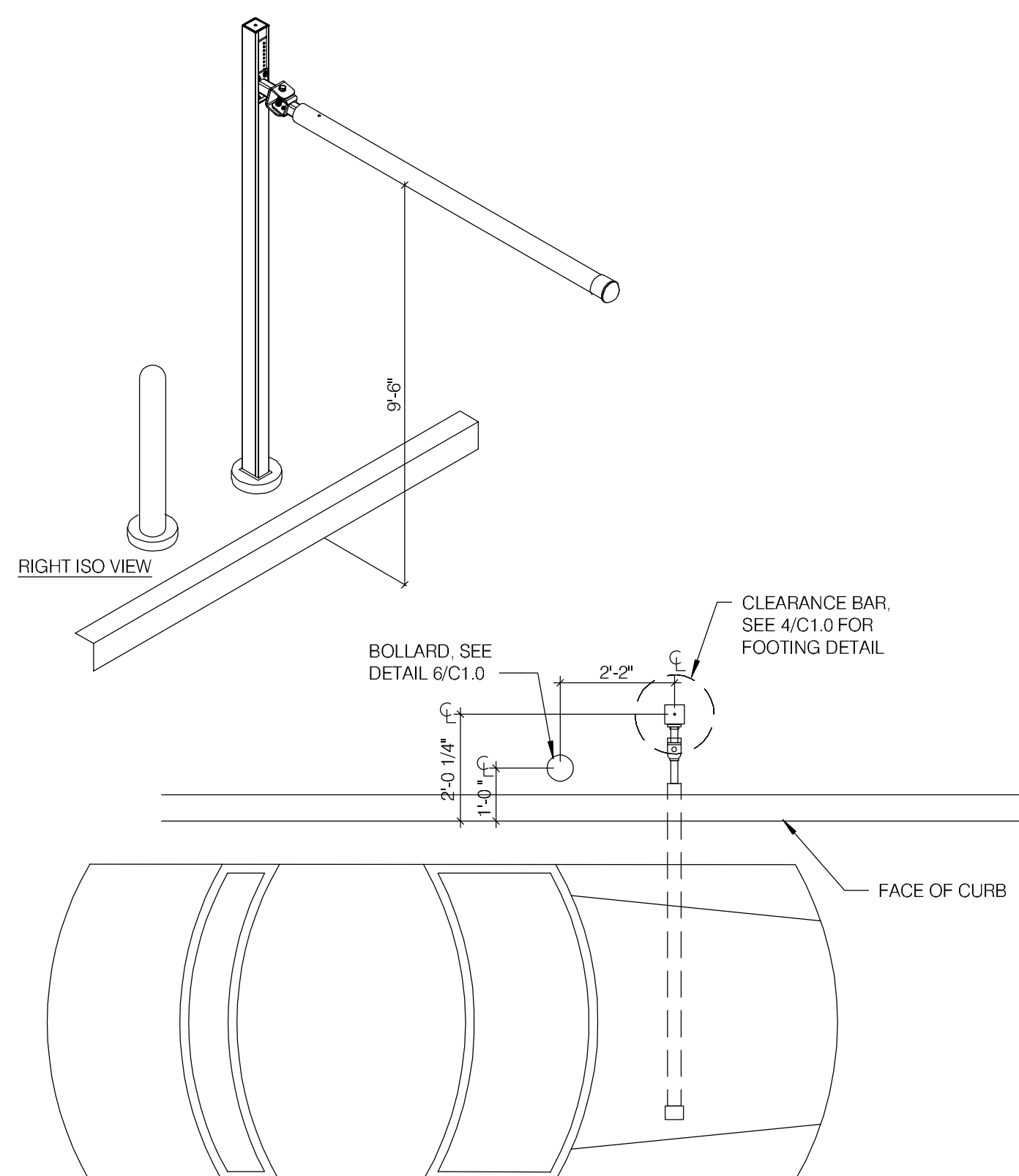
MENU BOARD SOW **1**



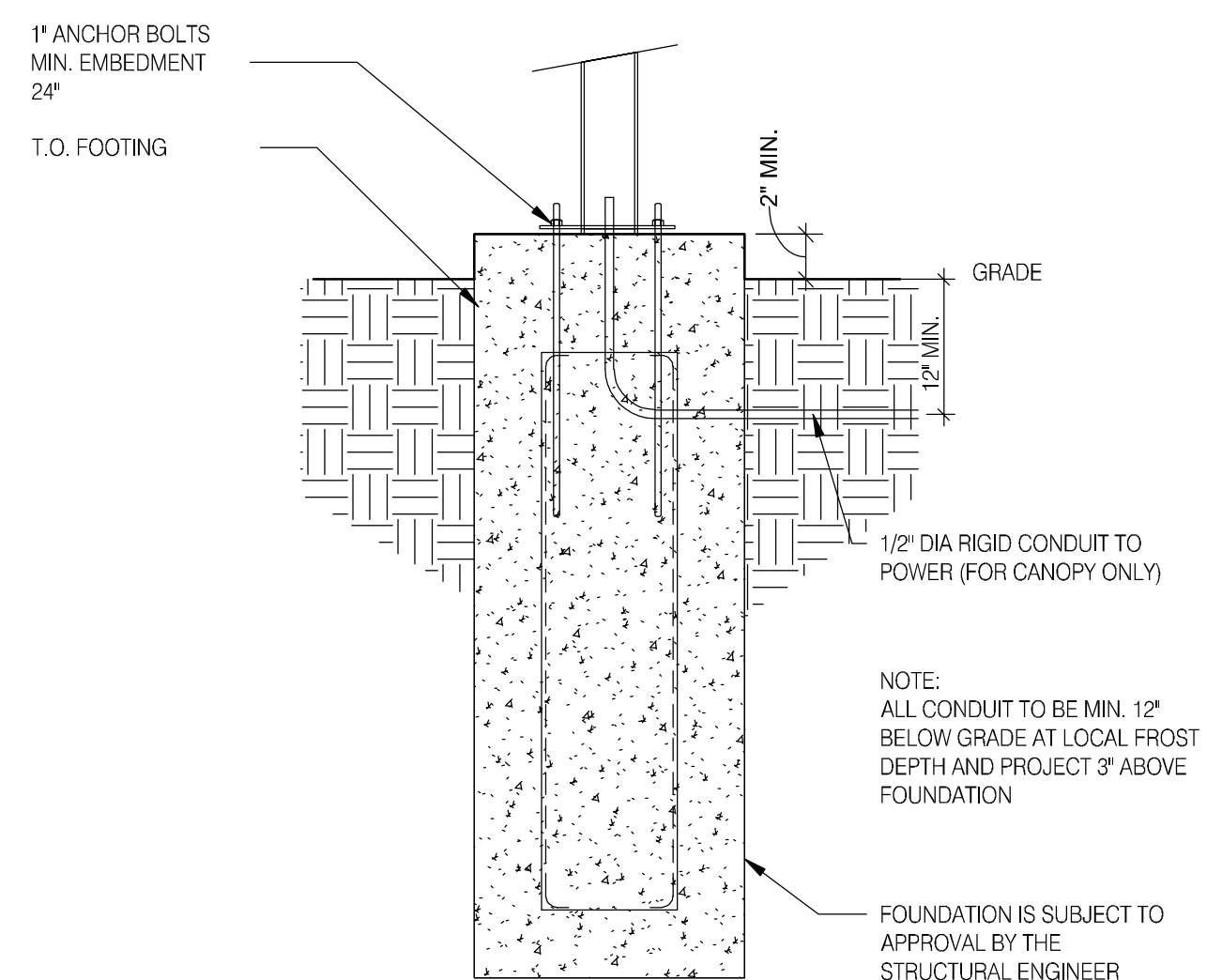
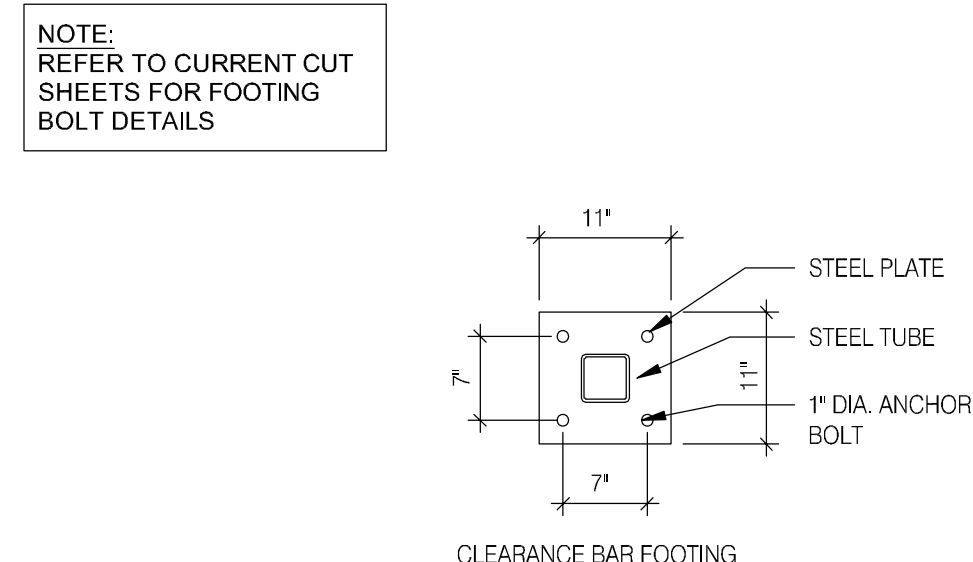
CANOPY AND SPEAKER FOOTING N.T.S. **3**



BOLLARD AT DRIVE THROUGH N.T.S. **2**



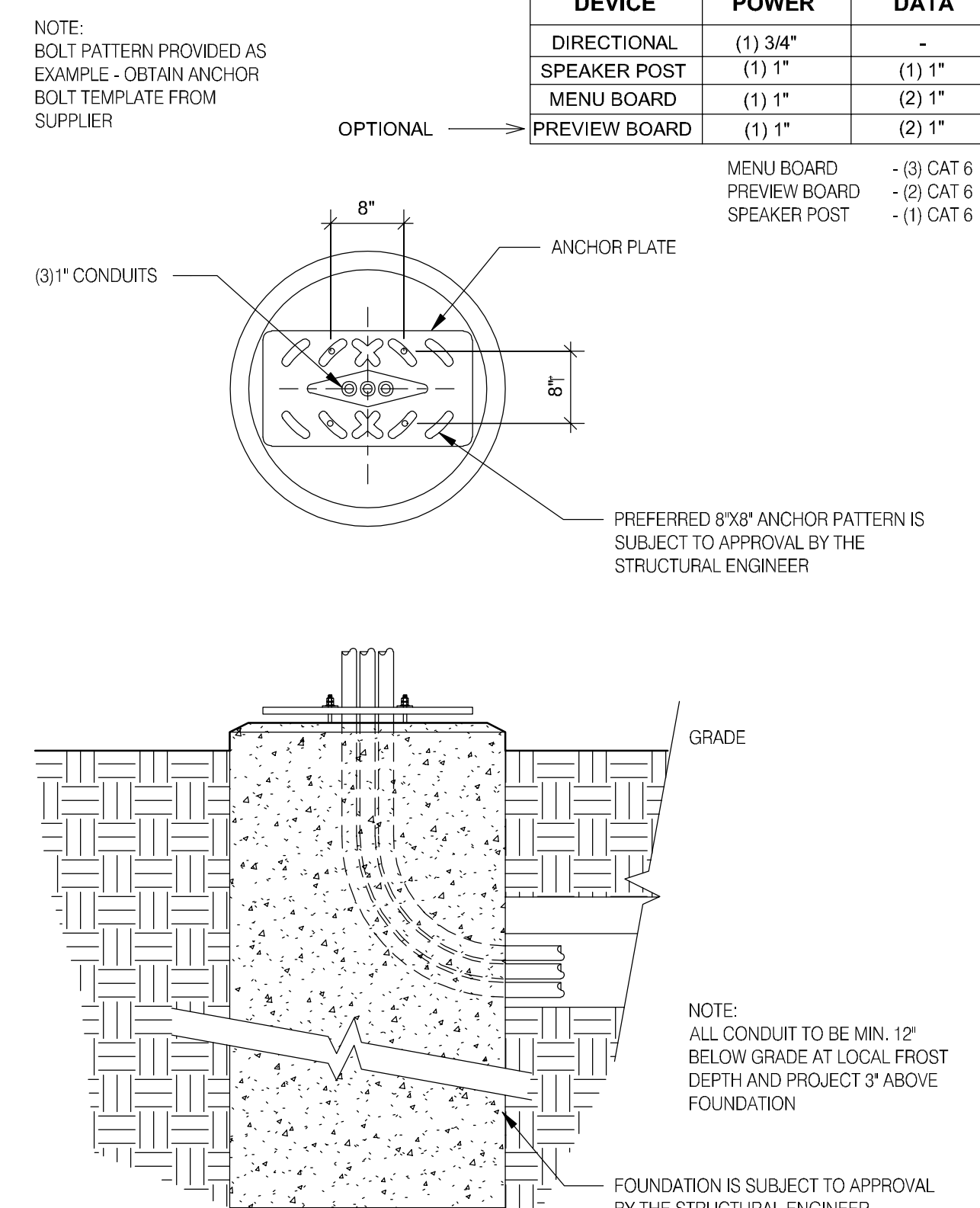
PORTAL PLACEMENT DETAIL N.T.S. **7**



CLEARANCE BAR/ORDER POINT CANOPY FOOTING N.T.S. **6**

CONDUIT SCHEDULE

DEVICE	POWER	DATA
DIRECTIONAL	(1) 3/4"	-
SPEAKER POST	(1) 1"	(1) 1"
MENU BOARD	(1) 1"	(2) 1"
PREVIEW BOARD	(1) 1"	(2) 1"



MENU FOUNDATION N.T.S. **5**

TACO BELL

205 ANN ARBOR RD.
PLYMOUTH, MI 48170



SITE DETAILS

CT1.1

TACO BELL

205 ANN ARBOR ROAD
PLYMOUTH, MI 48170

CONSTRUCTION DOCUMENTS

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		REVISIONS							
		1	2	3	4	5	6	7	8
C1.0	COVER SHEET								
C2.0	DEMOLITION PLAN								
C3.0	SITE PLAN								
C3.1	VEHICLE TRACKING PLAN								
C4.0	GRADING PLAN AND SWPPP								
C4.1	SWPPP NOTES								
C5.0	DETAIL SHEET								
C5.1	DETAIL SHEET								
C5.2	DETAIL SHEET								

DESIGN AND DEVELOPMENT CONTACTS

OWNER	TACO BELL OF AMERICA 1 GLEN BELL WAY IRVINE, CA 92618 (818) 836-1782 CONTACT: HAYLEY MALLON
CIVIL ENGINEER	COLE & ASSOCIATES, INC. 401 S. 18TH STREET, SUITE 200 ST. LOUIS, MO 63103 (314) 437-8112 CONTACT: CHRIS WILSON
ARCHITECT	ARCVISION, INC. 1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146 (813) 417-9901 CONTACT: JOSH BUONO
SURVEYOR	CLARK LAND SURVEYING, INC. 177 S. TIFFANY DRIVE, UNIT 1 PUEBLO WEST, CO 81007 (719) 582-1270 CONTACT: CHRIS BERUMAN

GENERAL NOTES

- THESE PLANS ARE BASED ON A SURVEY PREPARED BY CLARK LAND SURVEYING, INC., DATED SEPTEMBER 3, 2021. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT THE IMPROVEMENTS EXIST AS SHOWN ON THE SURVEY. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE OWNER/DEVELOPER'S CONSTRUCTION MANAGER AND COLE OF ANY DEVIATIONS OR OMISSIONS THAT MAY AFFECT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- THE CONTRACTOR IS NOT TO START WORK UNTIL WRITTEN AUTHORIZATION FROM THE OWNER/DEVELOPER'S CONSTRUCTION MANAGER HAS BEEN RECEIVED.
- FLOOD CERTIFICATION:**
THE SUBJECT SITE IS LOCATED IN ZONE "X" (AREA OF MINIMAL FLOOD HAZARD) AS DETERMINED BY FEMA FLOOD INSURANCE RATE MAP PANEL NUMBER 26163C0202E, EFFECTIVE DATE FEBRUARY 2, 2012.
- WETLANDS NOTE:**
THERE ARE NO KNOWN OR ANTICIPATED WETLANDS PRESENT ON THE SUBJECT PROPERTY, OR WITHIN 50 FEET OF THE SUBJECT PROPERTY. ANY DEVELOPMENT, EXCAVATION, CONSTRUCTION, OR FILLING IN A U.S. ARMY CORPS OF ENGINEERS DESIGNATED WETLAND IS SUBJECT TO LOCAL, STATE AND FEDERAL APPROVALS. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS AND/OR RESTRICTIONS AND ANY VIOLATION WILL BE SUBJECT TO FEDERAL PENALTY. THE CONTRACTOR SHALL HOLD THE OWNER/DEVELOPER, THE ENGINEER AND THE LOCAL GOVERNING AGENCIES HARMLESS AGAINST SUCH VIOLATION.
- WARRANTY/DISCLAIMER:**
THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.
- SAFETY NOTICE TO CONTRACTOR:**
IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.
- NOTICE TO BIDDERS:**
ALL QUESTIONS REGARDING THE PREPARATION OF THE CONTRACTOR'S BID SHALL BE DIRECTED TO THE OWNER/DEVELOPER'S CONSTRUCTION MANAGER. SUBCONTRACTORS MUST DIRECT THEIR QUESTIONS THROUGH THE CONTRACTOR. THE CONSULTING ENGINEER SHALL NOT BE CONTACTED DIRECTLY WITHOUT PRIOR AUTHORIZATION FROM THE OWNER/DEVELOPER.

LEGAL DESCRIPTION

THE PROPERTY DESCRIBED IN THAT WARRANTY DEED RECORDED MAY 26, 1992 IN LIBER 25789, PAGE 827 OF THE OFFICIAL RECORDS OF WAYNE COUNTY, MICHIGAN.
APN: 78-061-99-0012-001

UTILITY INFORMATION:

UTILITIES SHOWN HAVE BEEN TAKEN FROM AVAILABLE SURVEYS, UTILITY COMPANY MAPS AND PHYSICAL PROPERTY INSPECTION. THE LOCATIONS AND FACILITIES SHALL BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE ADDITIONAL UTILITIES THAT HAVE NOT BEEN SHOWN ON THIS SURVEY. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE LOCATIONS OF ALL UTILITIES PRIOR TO EXCAVATION OR CONSTRUCTION.



PERTINENT DATA

SITE DATA	
PARCEL ID	78-061-99-0012-001
ZONING	ARC - ANN ARBOR ROAD CORRIDOR
GROSS ACRES	0.55 AC
NET ACRES	0.55 AC
EXISTING BUILDING GROSS FLOOR AREA	2,423 SF

EXISTING SITE AREA CALCULATIONS	
IMPERVIOUS AREA	19,595 SF, 0.45 AC
PERVIOUS AREA	4,526 SF, 0.10 AC

PROPOSED SITE AREA CALCULATIONS	
IMPERVIOUS AREA	18,629 SF, 0.43 AC
PERVIOUS AREA	5,492 SF, 0.12 AC

UTILITIES

ELECTRIC SERVICE	DTE ENERGY COMPANY 8001 HAGGERTY ROAD VAN BUREN CHARTER TOWNSHIP, MI 48111 (800) 477-4747	SANITARY SEWER SERVICE	PLYMOUTH MUNICIPAL SERVICES DEPARTMENT 1231 GOLDSMITH PLYMOUTH, MI 48170 (734) 453-7737
WATER SERVICE	PLYMOUTH MUNICIPAL SERVICES DEPARTMENT 1231 GOLDSMITH PLYMOUTH, MI 48170 (734) 453-7737	STORM SEWER SERVICE	PLYMOUTH MUNICIPAL SERVICES DEPARTMENT 1231 GOLDSMITH PLYMOUTH, MI 48170 (734) 453-7737
GAS SERVICE	DTE ENERGY COMPANY 8001 HAGGERTY ROAD VAN BUREN CHARTER TOWNSHIP, MI 48111 (800) 477-4747		

LEGEND

EXISTING		PROPOSED
460 459 + 620.15	CONTOURS	460 459 x 621.25 (TOP OF CURB) (HIGHEST ELEVATION)
~ ~ ~	SPOT GRADE	~ ~ ~
~ ~ ~	TREE LINE	~ ~ ~
⊙	TREE	⊙
⊙	BUSH	⊙
⊙	STORM MANHOLE	⊙
⊙	AREA INLET	⊙
⊙	CURB INLET	⊙
⊙	GRATED INLET	⊙
Y	FLARED END SECTION	Y
12" RCP	STORM SEWER	12" RCP
⊙	GRATED MANHOLE	⊙
⊙	STORM DESIGNATOR	⊙
⊙	DOWNSPOUT	⊙
⊙	DRAINAGE PIPE	⊙
⊙	SWALE/SLOPE INDICATOR	⊙
⊙	SANITARY MANHOLE	⊙
8" VCP	SANITARY SEWER	8" VCP
⊙	CLEAN OUT	⊙
⊙	SANITARY DESIGNATOR	⊙
⊙	UTILITY POLE	⊙
⊙	GUIDE WIRE	⊙
⊙	OVERHEAD UTILITY	⊙
UE	UNDERGROUND ELECTRIC	UE
⊙	ELECTRIC MARKER	⊙
⊙	ELECTRIC METER	⊙
⊙	ELECTRIC BOX	⊙
⊙	ELECTRIC PULL BOX	⊙
⊙	ELECTRIC TRANSFORMER	⊙
⊙	ELECTRIC MANHOLE	⊙
UT	UNDERGROUND TELEPHONE	UT
⊙	FIBER OPTIC MARKER	⊙
⊙	CABLE MARKER	⊙
⊙	GAS LINE	⊙
⊙	GAS VALVE	⊙
⊙	GAS METER	⊙
⊙	GAS MARKER	⊙
⊙	WATER LINE	⊙
⊙	WATER VALVE	⊙
⊙	WATER METER	⊙
⊙	FIRE HYDRANT	⊙
⊙	SIGN	⊙
⊙	MAIL BOX	⊙
⊙	TEST HOLE	⊙
⊙	LIGHT STANDARD	⊙
⊙	FENCE	⊙
⊙	BOLLARD	⊙
⊙	RETAINING WALL	⊙
⊙	CONCRETE PAVEMENT	⊙
⊙	SILTATION FENCE	⊙
⊙	AIR CONDITIONER	⊙
⊙	FLAG POLE	⊙
⊙	MONITORING WELL	⊙
⊙	PARKING METER	⊙
⊙	PLANTER	⊙
⊙	SPRINKLER CONTROL BOX	⊙
⊙	SPRINKLER	⊙
⊙	SPRINKLER VALVE	⊙
⊙	TRAFFIC CONTROL BOX	⊙
⊙	TRAFFIC POLE	⊙
⊙	YARD LIGHT	⊙
⊙	GUARD RAIL	⊙
⊙	PROPERTY LINE	⊙
⊙	EASEMENT	⊙
⊙	SETBACK	⊙
⊙	INLET PROTECTION	⊙
⊙	WATTLE	⊙
⊙	CHECK DAM	⊙
⊙	USE IN PLACE	(UIP)
⊙	TO BE REMOVED	(TBR)
⊙	ADJUST TO GRADE	(ATG)
⊙	TO BE REMOVED & RELOCATED	(TBR&R)
⊙	TYPICAL	(TYP)
⊙	NOT TO SCALE	N.T.S.
⊙	HIGH POINT IN GRADE	HP
⊙	LOW POINT IN GRADE	LP
⊙	TOP OF WALL	TW
⊙	BOTTOM OF WALL	BW
⊙	NOT IN CONTRACT	(NIC)

SITE BENCHMARK INFORMATION

TOP SOUTHEAST CORNER OF CONCRETE LIGHT POLE BASE LOCATED NEAR THE NORTHWEST CORNER OF THE SITE.
ELEV: 707.09'

USER: Austin Esterhold TAB: C1.0 COVER SHEET
DATE: February 9, 2023 - 8:24:05 AM
DRAWING: S:\085\085\2021\21-0128\CADD\01-Plan\01-Cover-SPEC-21-0128.dwg

DEVELOPER/OWNER: **ARCVISION, INC.**
1950 CRAIG ROAD, SUITE 300
ST. LOUIS, MO 63146
(314) 415-2400

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PROFESSIONAL SEAL OF JOHN F. HARSHBARGER, ENGINEER, NO. 6201068728, EXPIRES 12/31/2023

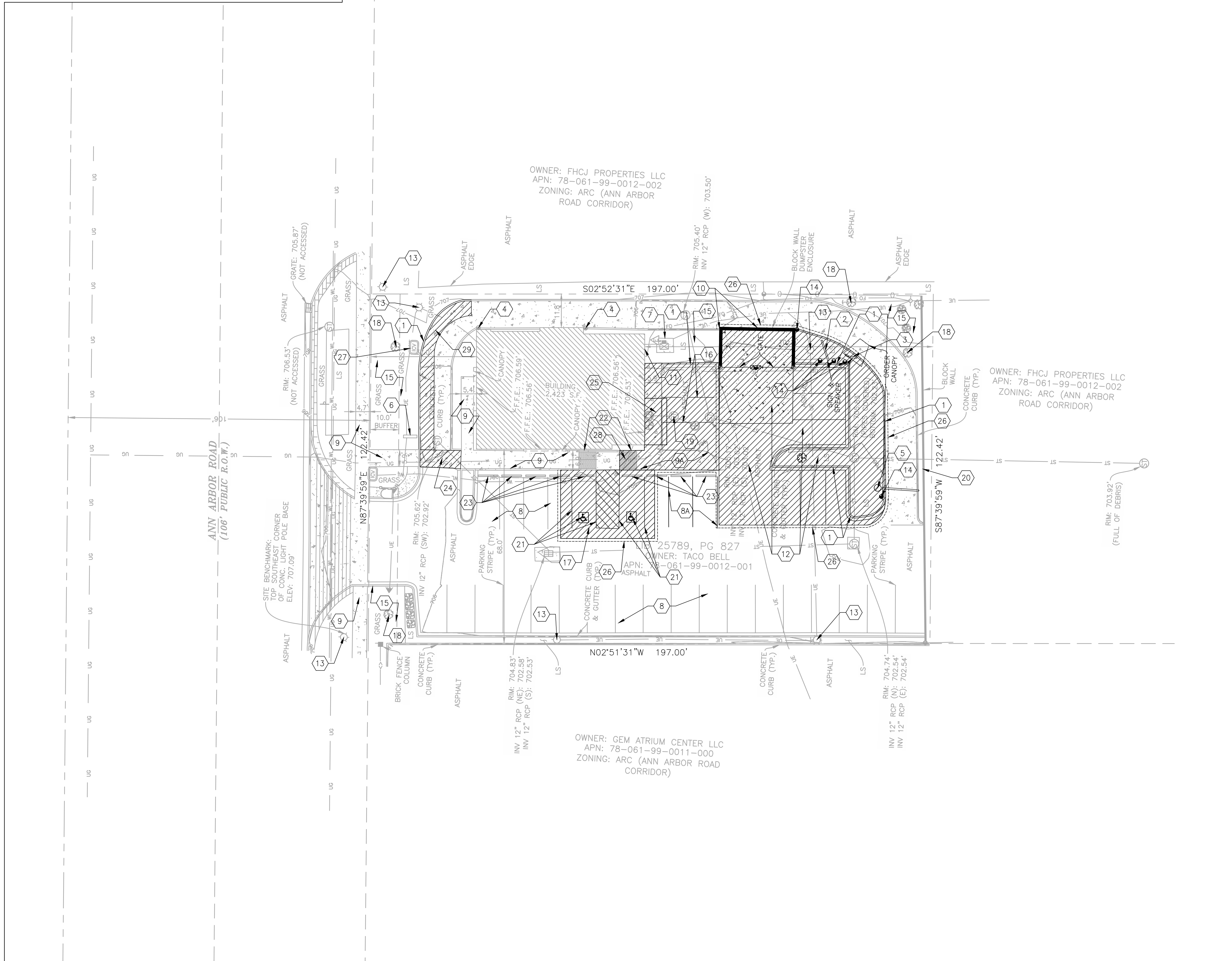
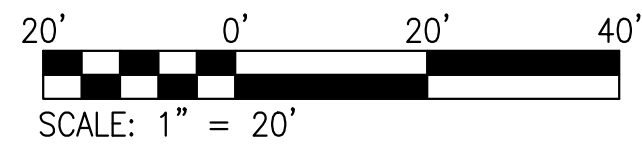
02/09/2023

TACO BELL
205 ANN ARBOR ROAD
PLYMOUTH, MI 48170

COVER SHEET

DESIGN/CALC BY: PGB
DRAWN BY: PGB
CHECKED BY: CAW
DRAWING SCALE: AS SHOWN
DATE: 02/09/2023
Job Number: 21-0128
Sheet Number: C1.0

BASE MAP: MSD P. NO.



KEYED NOTES

1. EXISTING CURB TO BE REMOVED.
2. EXISTING DRIVE THRU MENU BOARD AND FOOTING TO BE REMOVED.
3. EXISTING ORDER SPEAKER POST AND FOOTING TO BE REMOVED.
4. EXISTING BOLLARD TO REMAIN. PROVIDE NEW "SAFETY YELLOW" PLASTIC BOLLARD COVER, IF NOT EXISTING.
5. EXISTING CLEARANCE BAR AND FOOTING TO BE REMOVED.
6. EXISTING MONUMENT SIGN TO REMAIN. SEE ARCHITECTURAL PLANS FOR DETAILS.
7. EXISTING TRANSFORMER AND CONCRETE SLAB. PROTECT DURING CONSTRUCTION.
8. EXISTING NON-ACCESSIBLE PARKING STRIPES TO REMAIN.
- 8A. EXISTING NON-ACCESSIBLE PARKING STRIPES TO BE REMOVED.
9. EXISTING SIDEWALK TO REMAIN.
- 9A. EXISTING SIDEWALK TO BE REMOVED.
10. EXISTING TRASH ENCLOSURE AND GATES TO BE REMOVED AND RELOCATED. REFER TO SITE PLAN FOR NEW TRASH ENCLOSURE LOCATION.
11. EXISTING ELECTRICAL EQUIPMENT TO REMAIN AND PROTECT FROM DAMAGE. PAINT "WORDLY GRAY".
12. PORTION OF EXISTING LANDSCAPE AREA (INCLUDING TREES AND SHRUBS), CURBS, SIDEWALK, AND/OR PAVEMENT TO BE REMOVED FOR NEW DRIVE THRU LANE, AS SHOWN HATCHED.
13. EXISTING LED SITE LIGHTS TO REMAIN. EXISTING POLES TO REMAIN, PAINT BLACK.
14. EXISTING BOLLARD TO BE REMOVED.
15. EXISTING LANDSCAPE AREA TO REMAIN.
16. EXISTING PARKING LOT STRIPING TO BE REMOVED.
17. EXISTING ASPHALT PAVEMENT TO BE REMOVED AND REPLACED WITH HEAVY DUTY CONCRETE AS SHOWN HATCHED.
18. EXISTING TREES TO BE TRIMMED, FOR BETTER VISIBILITY OF BUILDING, AT OWNERS DIRECTION.
19. EXISTING GREASE TRAP.
20. EXISTING CMU WALL.
21. EXISTING ACCESS AISLE AND ACCESSIBLE STRIPING TO BE REMOVED.
22. EXISTING ADA PARKING SIGN TO BE REMOVED.
23. EXISTING WHEEL STOPS TO REMAIN. RELOCATE AS REQUIRED.
24. EXISTING CONCRETE CROSSWALK TO BE REMOVED AND REPLACED, AS SHOWN HATCHED.
25. EXISTING SIDEWALK AND PAVEMENT TO BE REMOVED FOR NEW CONCRETE PAD FOR NEW WALK IN COOLER, AS SHOWN HATCHED. EXISTING UTILITIES IN THIS AREA TO BE RELOCATED AS NECESSARY.
26. NEW SAWCUT LINE.
27. EXISTING IRRIGATION VALVE TO BE PROTECTED AND RELOCATED OUT OF CURB LINE PER FIELD REVIEW OF LOCATION AND CONFLICT.
28. EXISTING SIDEWALK RAMP TO BE REMOVED.
29. REMOVE EXISTING PAVEMENT AND SAWCUT AT NEAREST JOINT LOCATION. LIMITS SHOWN ARE NOT ULTIMATE LIMITS AND REMOVAL IS TO BE BASED UPON FIELD CONDITIONS.

USER: Aulifi, Esterhold TAB: C2.0 DEMO PLAN
 DATE: February 9, 2023 - 8:24:16 AM
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NO	REVISION DESCRIPTION	DATE

DEVELOPER/OWNER:
ARCVISION INC.
1950 CRAIG ROAD, SUITE 300
ST. LOUIS, MO 63146
(314) 415-2400

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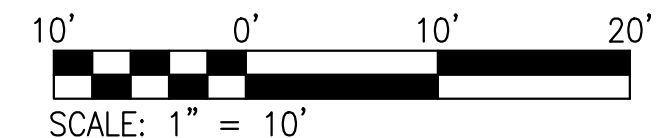
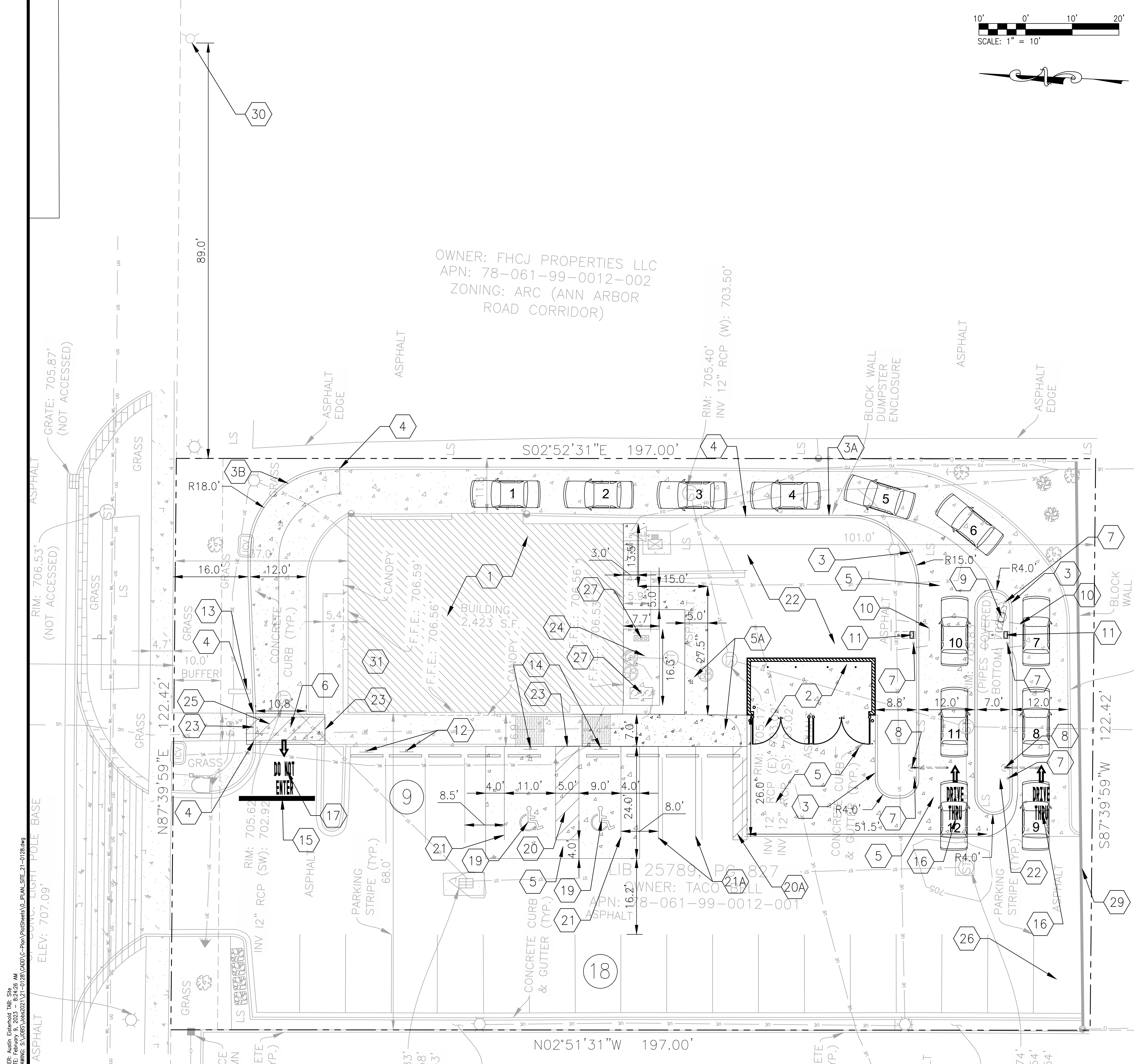


TACO BELL
 205 ANN ARBOR ROAD
 PLYMOUTH, MI 48170
DEMOLITION PLAN

+ ST. LOUIS
 11515 1/2th Street
 Suite 100
 St. Louis, MO 63103
 314.986.9887 ext/
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DATE	02/09/2023
Job Number	21-0128
Sheet Number	C2.0

MSD P. NO. BASE MAP.



OWNER: FHCJ PROPERTIES LLC
 APN: 78-061-99-0012-002
 ZONING: ARC (ANN ARBOR
 ROAD CORRIDOR)

KEYED NOTES

- NEW STRUCTURES**
- EXISTING TACO BELL BUILDING TO REMAIN.
 - NEW TRASH ENCLOSURE AND GATES ON NEW CONCRETE SLAB. REFER TO ARCHITECTURAL DETAILS.
- NEW CURBS**
- NEW INTEGRAL CONCRETE CURB (STANDARD SECTION). REFER TO DETAIL ON SHEET C5.0.
 - NEW CONCRETE CURB. REFER TO DETAIL ON SHEET C5.0.
 - NEW INTEGRAL CONCRETE CURB (STANDARD SECTION). CONTRACTOR TO RECONSTRUCT SLAB AND SAWCUT AT NEAREST JOINT LOCATION. LIMITS SHOWN ARE NOT ULTIMATE LIMITS AND DEMOLITION AND RECONSTRUCTION IS TO BE BASED UPON EXISTING CONDITIONS.
 - MATCH EXISTING CURB IN LOCATION AND ELEVATION.
- NEW PAVEMENTS**
- NEW CONCRETE PAVEMENT (HEAVY DUTY). REFER TO DETAIL ON SHEET C5.0.
 - NEW CONCRETE SIDEWALK. REFER TO DETAIL ON SHEET C5.0.
 - NEW CONCRETE PAVEMENT (HEAVY DUTY) FOR NEW ACCESSIBLE CROSSWALK. REFER TO DETAIL ON SHEET C5.0. RUNNING SLOPE TO NOT EXCEED 5%. CROSS SLOPES TO NOT EXCEED 2%.
- NEW SIGNS**
- NEW BOLLARD. PROVIDE "SAFETY YELLOW" PLASTIC COVER. REFER TO ARCHITECTURAL PLANS.
 - NEW DRIVE-THRU CLEARANCE BAR ON NEW FOOTING. REFER TO ARCHITECTURAL PLANS.
 - NEW DIGITAL MENU BOARD AND FOOTING. REFER TO ARCHITECTURAL PLANS.
 - NEW ORDER POINT CANOPY. REFER TO ARCHITECTURAL PLANS.
 - NEW ORDER SPEAKER POST AND FOOTING. REFER TO ARCHITECTURAL PLANS.
 - NEW DESIGNATED GO MOBILE PICK-UP PARKING SPACE AND SIGNAGE.
 - EXISTING MONUMENT SIGN. SEE ARCHITECTURAL PLANS FOR DETAILS.
 - NEW ACCESSIBLE PARKING SIGN. CONTRACTOR TO VERIFY COMPLIANCE WITH CITY AND ADA REQUIREMENTS.
- NEW PAVEMENT MARKINGS**
- NEW PAINTED STOP BAR LINE (WHITE).
 - NEW "DRIVE-THRU" STRIPING AND TRAFFIC FLOW ARROW. REFER TO DETAIL ON SHEET C5.0.
 - NEW "DO NOT ENTER" STRIPING AND TRAFFIC FLOW ARROWS. REFER TO DETAIL ON SHEET C5.0.
 - NOT USED.
 - NEW PAINTED ACCESSIBLE PARKING SYMBOL. REFER TO DETAIL ON SHEET C5.0.
 - NEW PAINTED ACCESS AISLE (BLUE). REFER TO DETAIL ON SHEET C5.0.
 - NEW PAINTED ACCESS AISLE (WHITE). REFER TO DETAIL ON SHEET C5.0.
 - NEW PAINTED ACCESSIBLE PARKING SPACE LINE (BLUE). REFER TO DETAIL ON SHEET C5.0.
 - NEW PAINTED NON-ACCESSIBLE PARKING SPACE LINE (WHITE). REFER TO DETAIL ON SHEET C5.0.
- MISCELLANEOUS**
- NEW LANDSCAPE AREA.
 - PROVIDE SMOOTH TRANSITION.
 - NEW CONCRETE PAD FOR NEW WALK IN COOLER. REFER TO STRUCTURAL PLANS FOR PAD DESIGN INFORMATION.
 - NEW CROSSWALK STRIPING. STRIPE PER CITY AND ADA REQUIREMENTS.
 - NEW DESIGNATED AREA FOR SNOW STORAGE.
 - NEW ROOFTOP CONDENSING UNITS FOR WALK IN COOLER. UNITS TO BE COMPLETELY SCREENED BY THE EXISTING BUILDING PARAPET. REFER TO ARCHITECTURAL PLANS.
 - PER THE ORIGINAL SPECIAL LAND PERMIT USE IN 1992, DELIVERIES AND TRASH PICKUP ARE LIMITED TO THE HOURS BETWEEN 7 AM AND 9 PM.
 - EXISTING MASONRY SCREENING WALL TO THE SOUTH OF THE SITE MUST BE POWER WASHED AND REPAIRED.
 - EXISTING FIRE HYDRANT LOCATION.
 - EXISTING SANITARY SEWER LEAD TO BE VIDEO INSPECTED PRIOR TO START OF WORK. CONTRACTOR TO PROVIDE VIDEO TO EOR AND OWNERSHIP FOR DELIVERY TO PLYMOUTH TOWNSHIP.

PARKING CALCULATIONS

PARKING REQUIREMENTS (STANDARD)

USE CATEGORY	ONE SPACE PER 2 SEATS PLUS ONE SPACE PER EACH EMPLOYEE BASED ON THE GREATEST NUMBER OF EMPLOYEES IN ANY ONE SHIFT.
NUMBER OF SEATS	44 SEATS
NUMBER OF EMPLOYEES	5 EMPLOYEES
CALCULATION	(44 SEATS / 2 SPACES PER SEAT) + (5 EMPLOYEES / 1 SPACE PER EMPLOYEE) = 27 SPACES

PARKING REQUIREMENTS (ACCESSIBLE)

26 TO 50 STANDARD SPACES	2 ACCESSIBLE SPACES
VAN ACCESSIBLE REQUIREMENT	1 VAN ACCESSIBLE SPACE FOR EVERY 6 ACCESSIBLE SPACES

PARKING DATA

SPACES REQUIRED (TOTAL)	27 SPACES
SPACES PROVIDED (STANDARD)	25 SPACES
SPACES PROVIDED (ACCESSIBLE)	2 SPACES (1 VAN ACCESSIBLE)
SPACES PROVIDED (TOTAL)	27 SPACES

MAXIMUM LOT COVERAGE

MAXIMUM ALLOWABLE LOT COVERAGE	NONE REQUIRED
PROPOSED LOT COVERAGE	77%

MSD P. NO. _____

BASE MAP: _____

DATE: 02/09/2023

Job Number
21-0128

Sheet Number
C3.0

DESIGN/CALC BY: PGB
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 DRAWING SCALE: AS SHOWN

DEVELOPER/OWNER:
ARCVISION, INC.
 1930 CRAIG ROAD, SUITE 300
 ST. LOUIS, MO 63146
 (314) 415-2400

PROFESSIONAL SEAL: JOHN F. HARSHBARGER, ENGINEER, NO. 6201068728, EXPIRES 12/31/2024

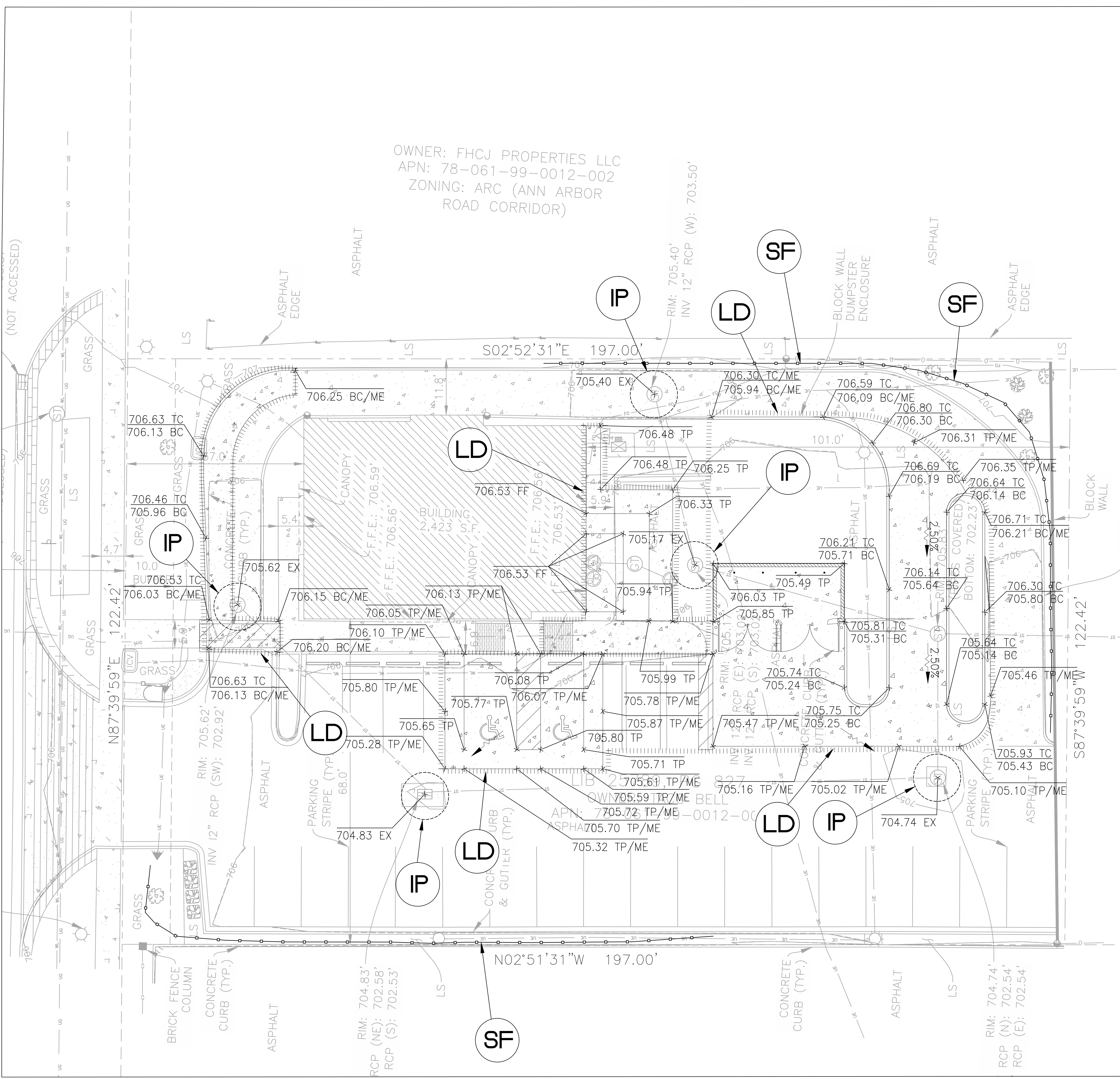
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USER: Austin Esterhild TAB: Site
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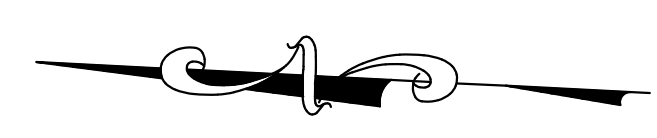
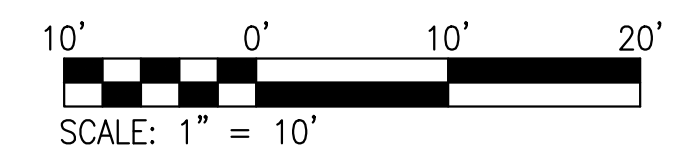
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OWNER: FHCJ PROPERTIES LLC
 APN: 78-061-99-0012-002
 ZONING: ARC (ANN ARBOR
 ROAD CORRIDOR)

LEGEND

- BC BOTTOM OF CURB
- TC TOP OF CURB
- TP TOP OF PAVEMENT
- ME MATCH EXISTING
- EX EXISTING TO REMAIN



SWPPP LEGEND		
LABEL	SYMBOL	DESCRIPTION
LD		LIMITS OF DISTURBANCE
SF	—○—○—○—	SILT FENCE (REFER TO DETAIL ON SHEET C5.1)
IP	○	INLET PROTECTION (REFER TO DETAIL ON SHEET C5.1)

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TACO BELL
 205 ANN ARBOR ROAD
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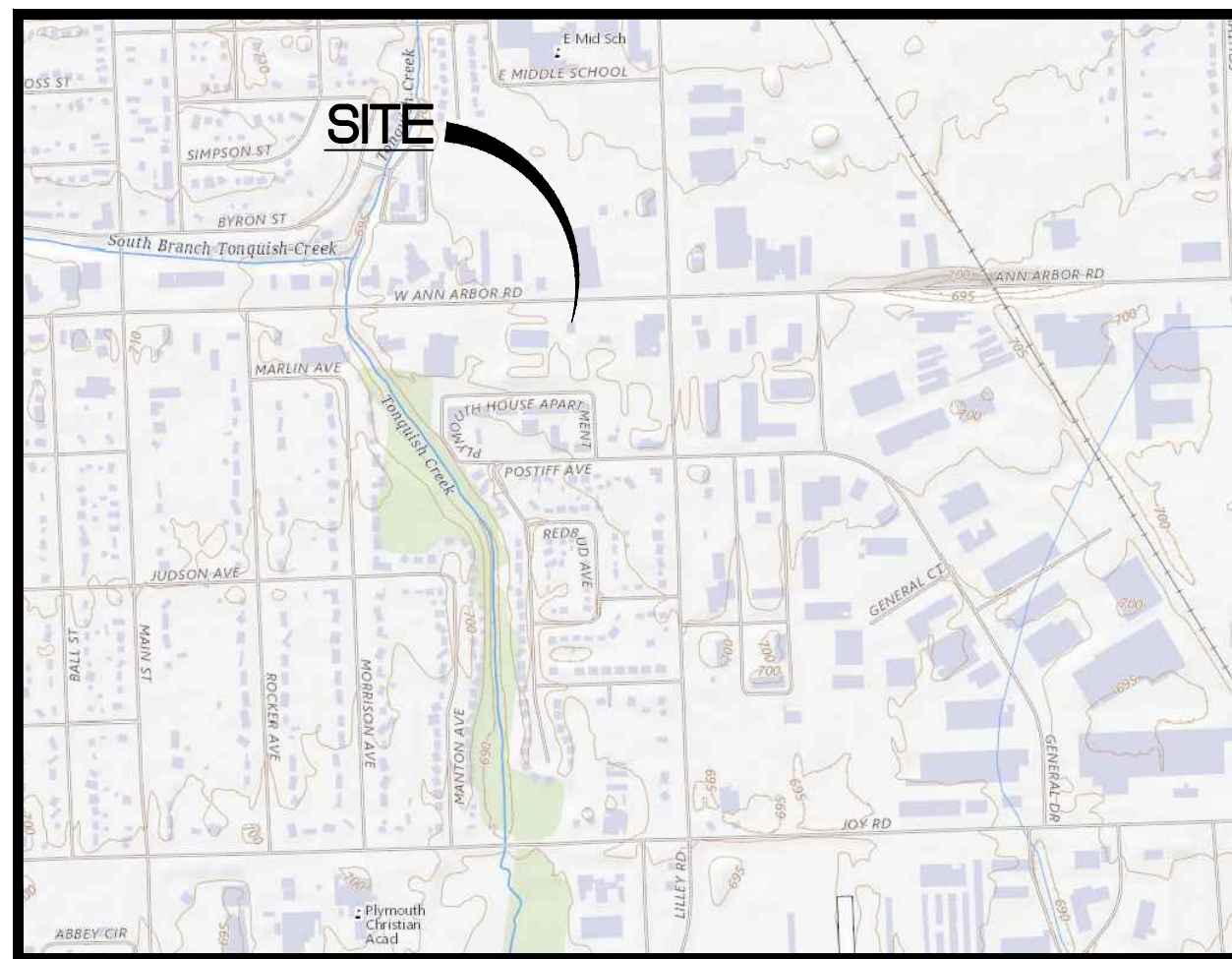
GRADING PLAN AND SWPPP

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 Suite 100
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LOCATION MAP
(NOT TO SCALE)



USGS MAP
(NOT TO SCALE)



SOILS MAP
(NOT TO SCALE)

SWPPP CONTACT DATA

SITE ADDRESS 205 ANN ARBOR ROAD
PLYMOUTH, MI 48170

OWNER BRANDON BAQUET
1 GLEN BELL WAY
IRVINE, CA 92618
(618) 593-9024
CONTACT: BRANDON BAQUET

EMERGENCY CONTACT TO BE DETERMINED

SITE OPERATOR TO BE DETERMINED

SWPPP SITE DATA

TOTAL SITE AREA 0.55 ACRES

ON-SITE DISTURBED AREA 0.12 ACRES

OFF-SITE DISTURBED AREA 0.00 ACRES

TOTAL DISTURBED AREA 0.12 ACRES

RUNOFF COEFFICIENT (IMPERVIOUS AREA) 0.90

RUNOFF COEFFICIENT (PERVIOUS AREA) 0.25

IMPERVIOUS AREA (PRE-DEVELOPED) 0.45 ACRES

PERVIOUS AREA (PRE-DEVELOPED) 0.10 ACRES

RUNOFF COEFFICIENT (PRE-DEVELOPED) 0.78

IMPERVIOUS AREA (POST-DEVELOPED) 0.43 ACRES

PERVIOUS AREA (POST-DEVELOPED) 0.12 ACRES

RUNOFF COEFFICIENT (POST-DEVELOPED) 0.76

SWPPP SEQUENCE

- INSTALL STABILIZED CONSTRUCTION ENTRANCE(S) AND SWPPP INFORMATION SIGN.
- INSTALL SILT FENCE(S) ON THE SITE (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE).
- PREPARE TEMPORARY PARKING AND STORAGE AREA.
- HALT ALL ACTIVITIES AND OBTAIN ANY AND ALL REQUIRED INITIAL BMP INSPECTIONS BEFORE PROCEEDING WITH CONSTRUCTION.
- CONSTRUCT AND STABILIZE ANY SEDIMENT BASIN(S) AND SEDIMENT TRAP(S) WITH APPROPRIATE OUTFALL STRUCTURES (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL BASINS AND TRAPS).
- INSTALL AND STABILIZE ANY HYDRAULIC CONTROL STRUCTURES (DIKES, SWALES, CHECK DAMS, ETC.).
- BEGIN CLEARING AND GRUBBING THE SITE.
- BEGIN GRADING THE SITE.
- START CONSTRUCTION OF THE BUILDING PAD AND ACCESSORY STRUCTURES.
- TEMPORARILY SEED, THROUGHOUT CONSTRUCTION, DENUDED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
- INSTALL BUILDING AND ACCESSORY STRUCTURES.
- INSTALL PIPING, UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
- INSTALL RIP RAP AROUND OUTLET STRUCTURES AS EACH OUTLET STRUCTURE IS INSTALLED.
- INSTALL INLET PROTECTION AT ALL STORM SEWER STRUCTURES AS EACH INLET STRUCTURE IS INSTALLED.
- PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
- PREPARE SITE FOR PAVING.
- PAVE SITE.
- INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
- COMPLETE GRADING AND INSTALL PERMANENT STABILIZATION OVER ALL AREAS.
- OBTAIN CONCURRENCE FROM THE OWNER/DEVELOPER'S DESIGNATED REPRESENTATIVE (AS APPROPRIATE) THAT THE SITE HAS BEEN FULLY STABILIZED.
- REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
- STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF BMP'S.
- OBTAIN ANY AND ALL REQUIRED FINAL BMP INSPECTIONS.

SWPPP NOTES

- THE STORMWATER POLLUTION PREVENTION PLAN IS COMPRISED OF THIS DRAWING ("SITE MAP"), THE STANDARD DETAILS, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- THE GENERAL CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE GENERAL CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- THE GENERAL CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- THE GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. CONTRACTOR SHALL CONSTRUCT TEMPORARY BERM ON DOWN STREAM SIDES IN COMPLIANCE WITH THIS SWPPP.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- ALL DENUDED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE MUST BE STABILIZED TEMPORARILY WITH THE USE OF FAST-GERMINATING ANNUAL GRASS/GRAIN VARIETIES, STRAW/HAY MULCH, WOOD CELLULOSE FIBERS, TACKIFIERS, NETTING OR BLANKETS AS SHOWN ON SITE MAP.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SHOWN ON THE PLANS. THESE AREAS SHALL BE SEED, SODDED, AND/OR VEGETATED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. ONLY USE INGRESS/EGRESS LOCATIONS AS PROVIDED.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE & OFFSITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES, STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION AND SEDIMENT CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION AND POLLUTION DISCHARGE.
- SEE SITE PLAN FOR PERMANENT AND TEMPORARY SIGNAGE.
- GENERAL CONTRACTOR IS TO DESIGNATE/IDENTIFY AREAS ON THE SITE MAPS, INSIDE OF THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
- REFER TO THE APPLICABLE NPDES PERMIT FOR REPORTABLE SPILL QUANTITIES OF PETROLEUM PRODUCTS AND/OR HAZARDOUS WASTES.
- GENERAL CONTRACTOR TO LIMIT DISTURBANCE OF SITE IN STRICT ACCORDANCE WITH EROSION CONTROL SEQUENCING SHOWN ON THIS PLAN. NO UNNECESSARY OR IMPROPERLY SEQUENCED CLEARING AND/OR GRADING SHALL BE PERMITTED.
- ALL CONSTRUCTION VEHICLES SHALL ENTER AND EXIT THE CONSTRUCTION SITE BY USING THE DESIGNATED ENTRANCE OVERLAIN WITH GRAVEL.
- NO CONSTRUCTION MATERIALS OR EQUIPMENT CAN BE STORED ON ADJACENT PROPERTIES.
- NO COMBUSTIBLE RUBBISH SHALL ACCUMULATE ON THE CONSTRUCTION SITE. ALL COMBUSTIBLE RUBBISH MUST BE REMOVED DAILY AND SHALL NOT BE DISPOSED OF BY BURNING.
- THE GENERAL CONTRACTOR SHALL MAINTAIN THE SILTATION CONTROL DEVICES SO AS TO PREVENT SILT FROM BYPASSING THEM AND DISTURBED AREAS SHALL BE ADEQUATELY RE-VEGETATED.
- ALL GRADED AREAS SHALL BE PROTECTED FROM EROSION BY EROSION CONTROL

DEVICES AND/OR SEEDING AND MULCHING. EROSION CONTROL SHALL NOT BE LIMITED TO WHAT IS SHOWN ON THE PLAN. WHATEVER MEANS NECESSARY SHALL BE TAKEN TO PREVENT SILTATION AND EROSION FROM ENTERING NATURAL STREAMS AND ADJACENT ROADWAYS, PROPERTIES AND DITCHES.

30. WHEN GRADING OPERATIONS ARE COMPLETED OR SUSPENDED FOR MORE THAN 30 DAYS, PERMANENT GRASS MUST BE ESTABLISHED AT SUFFICIENT DENSITY TO PROVIDE EROSION CONTROL ON THE SITE. BETWEEN PERMANENT GRASS SEEDING PERIODS, TEMPORARY COVER SHALL BE PROVIDED.

BMP MAINTENANCE NOTES

- ALL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
 - ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
 - SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
 - THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
 - THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
 - OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY AS BEEN REDUCED BY 50%.
 - PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

SWPPP SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
TEMPORARY CONSTRUCTION ENTRANCES												
TEMPORARY CONTROL MEASURES												
SEDIMENT CONTROL BASINS												
STRIP AND STOCKPILE TOPSOIL												
ROUGH GRADE												
STORM FACILITIES												
SITE CONSTRUCTION												
PERMANENT CONTROL STRUCTURES												
FOUNDATION/BUILDING CONSTRUCTION												
FINISH GRADING												
LANDSCAPING/SEED/FINAL STABILIZATION												

Map Unit Legend

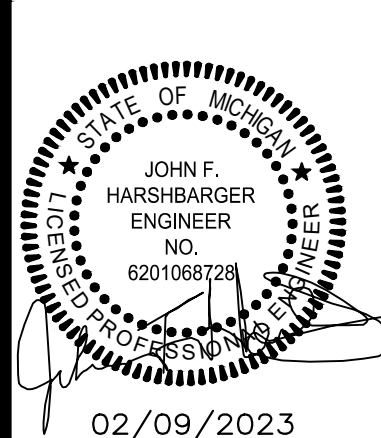
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BnB	Boyer loamy sand, 0 to 6 percent slopes	0.6	100.0%
Totals for Area of Interest		0.6	100.0%

SOILS MAP KEY
(NOT TO SCALE)

NO	REVISION DESCRIPTION	DATE

DEVELOPER/OWNER:
ARCVISION, INC.
1950 CRAIG ROAD, SUITE 300
ST. LOUIS, MO 63146
(314) 415-2400

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02/09/2023

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SWPPP NOTES

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314.984.9887 tel/
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DRAWING SCALE
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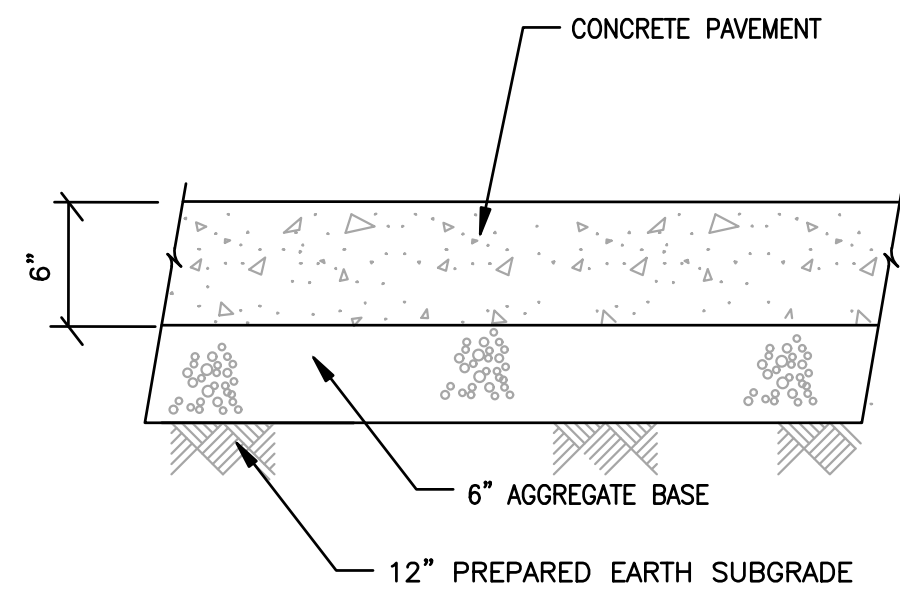
DATE
02/09/2023

Job Number
21-0128

Sheet Number
C4.1

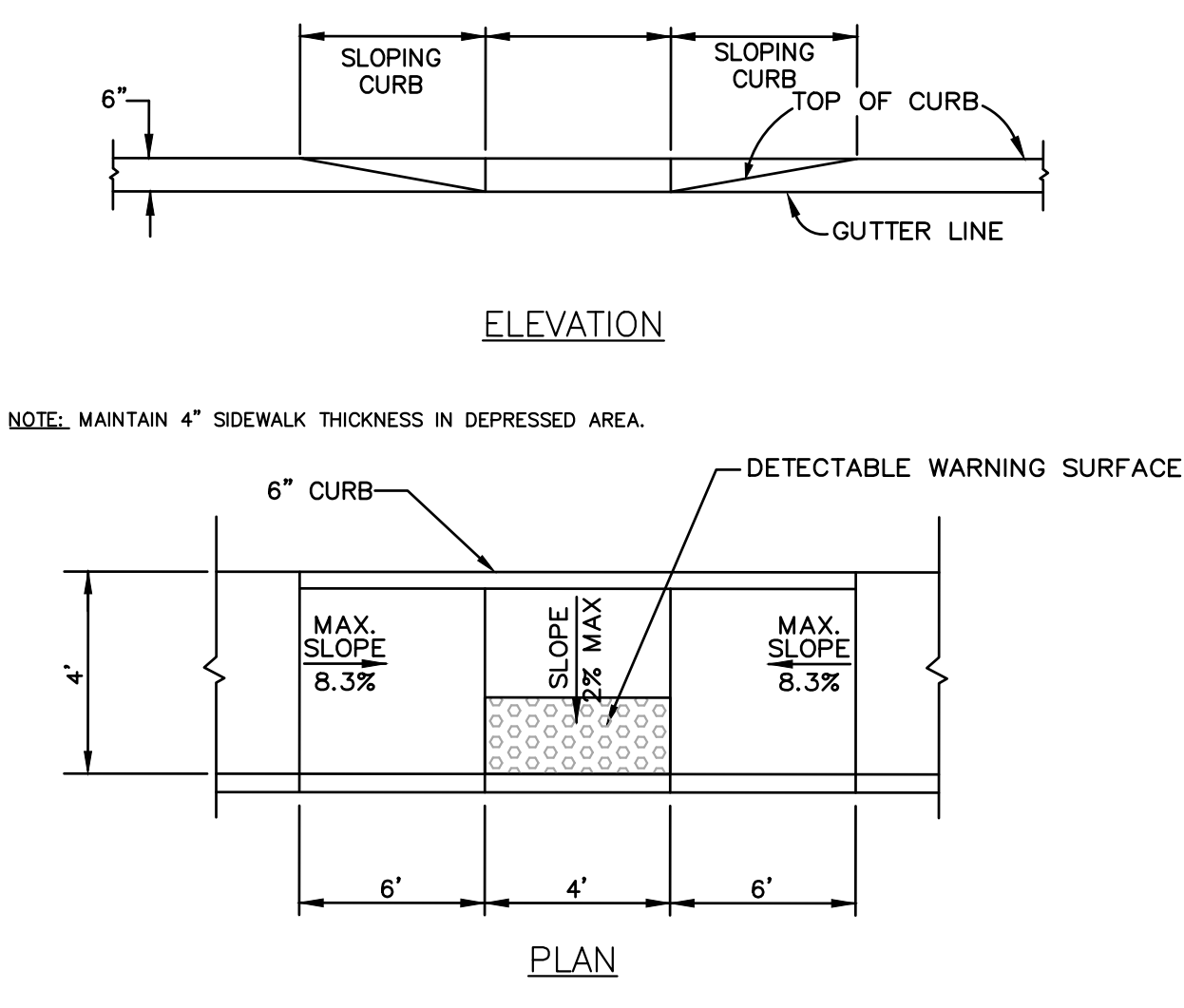
USER: Austin Esterhold TAB: C4.1 SWPPP NOTES
DATE: February 9, 2023 - 8:24:45 AM
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MSD P. NO.
BASE MAP:



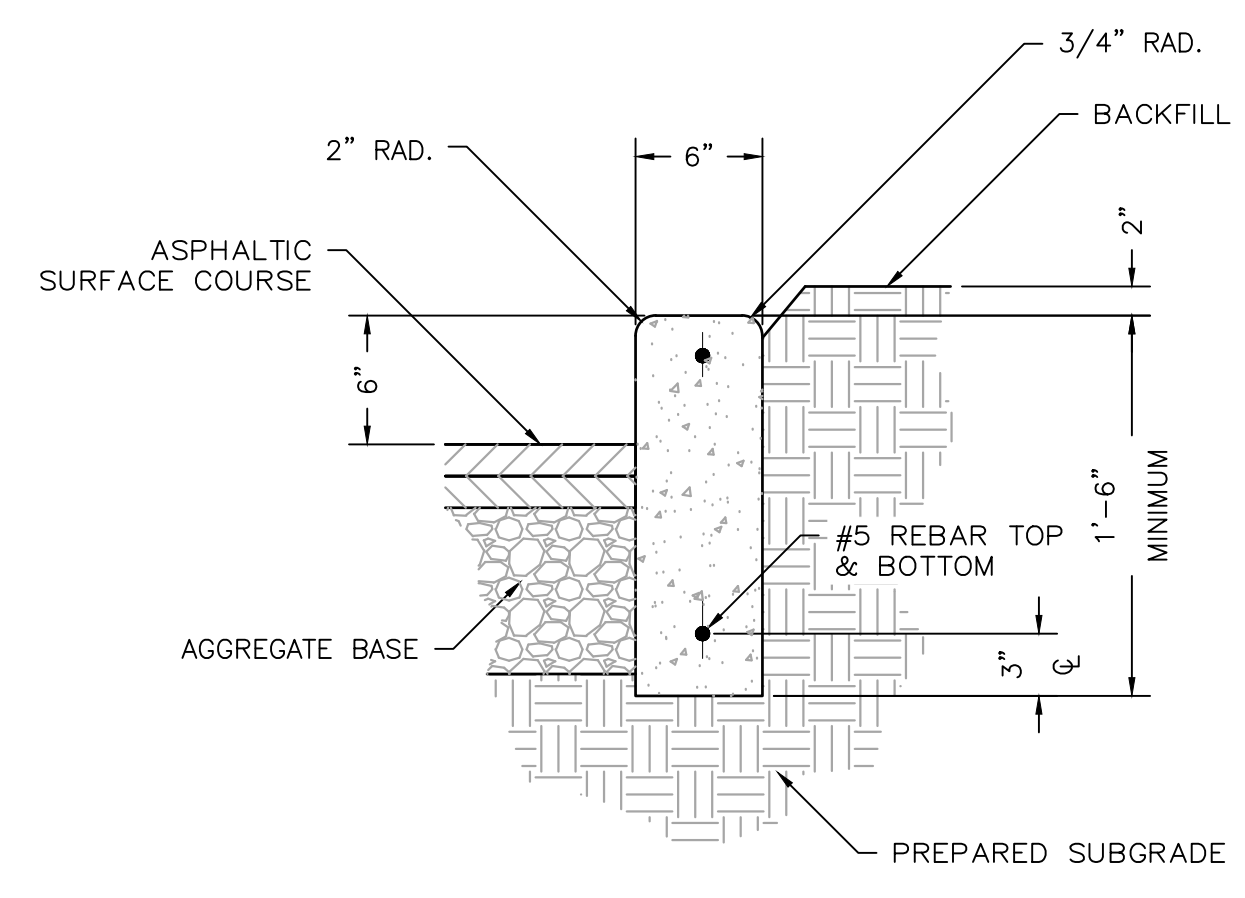
NOTE: PAVEMENT DETAILS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO VERIFY FINAL PAVEMENT REQUIREMENTS WITH GEOTECH REPORT AND/OR OWNER.
CONTRACTOR TO INSTALL CONCRETE PAVEMENT JOINTS PER THE AMERICAN CONCRETE INSTITUTES "GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS"

1 CONCRETE PAVEMENT (HEAVY DUTY)
SCALE: N.T.S. REF. DWG. C3.0

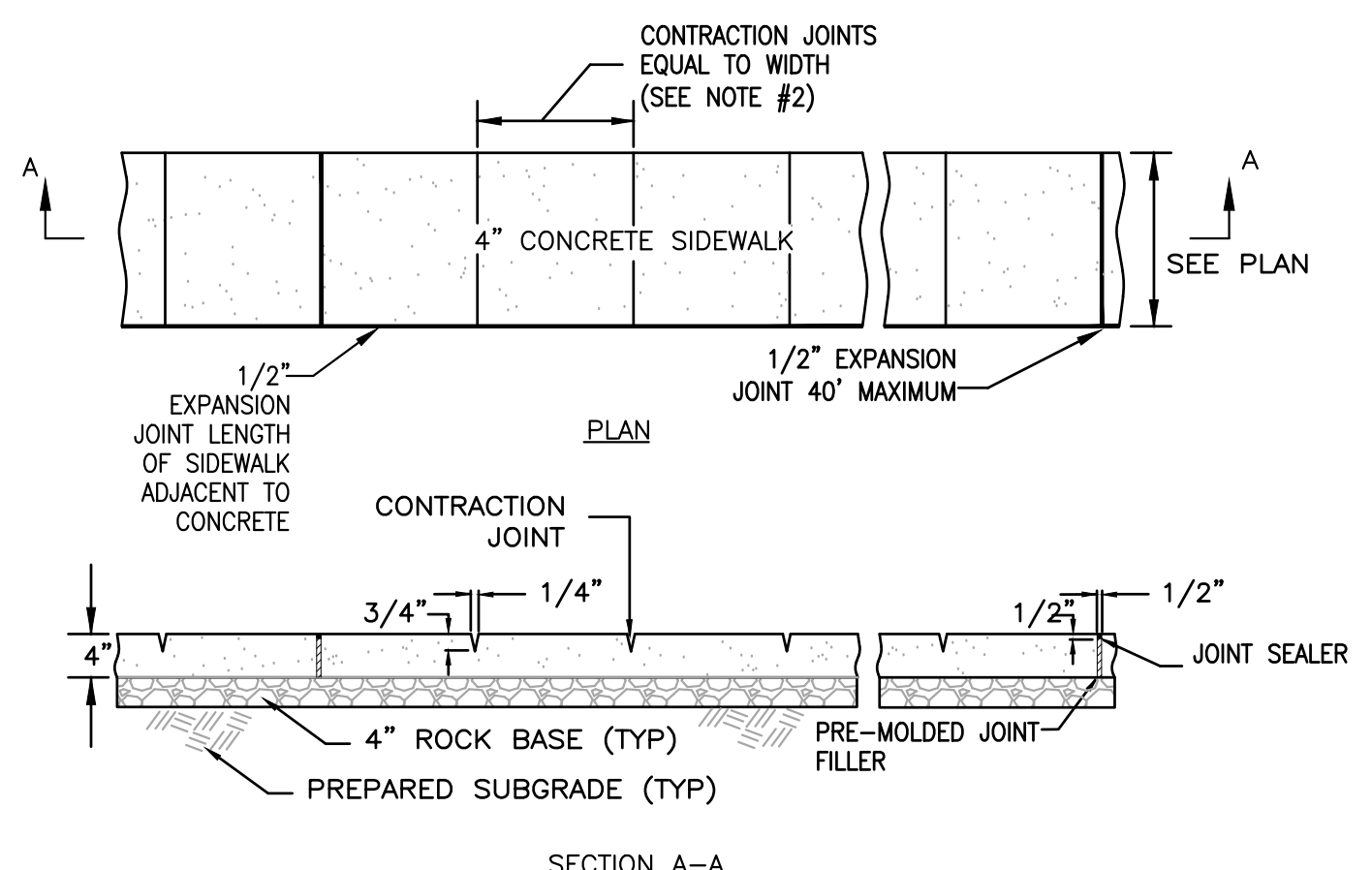


NOTE: MAINTAIN 4" SIDEWALK THICKNESS IN DEPRESSED AREA.

2 (TYPE A) CURB RAMP DETAIL
SCALE: N.T.S. REF. DWG. C3.0

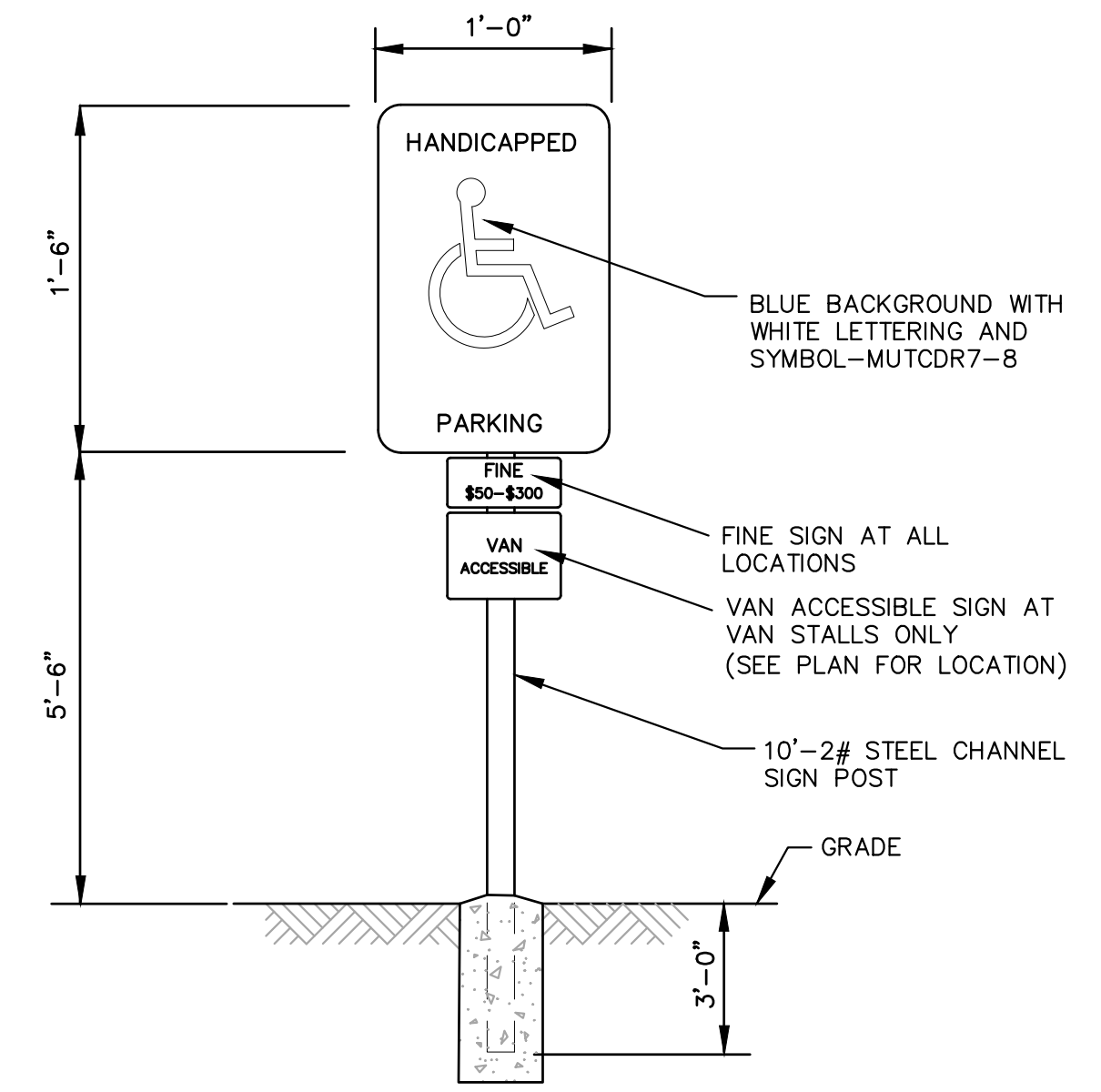


3 VERTICAL CONCRETE CURB DETAIL
SCALE: N.T.S. REF. DWG. C3.0

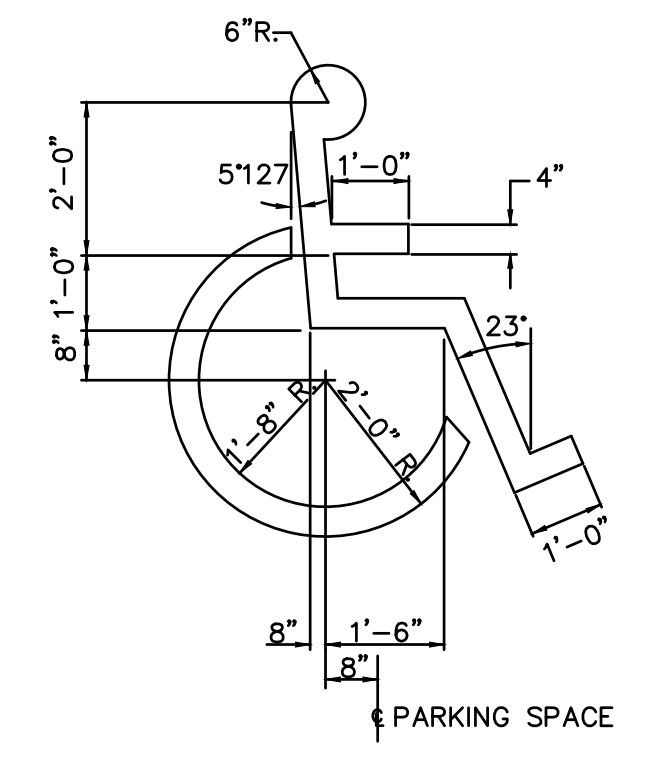


1. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL SITE PLANS FOR DETAILS OF ALL INTERIOR WALKS AND HARDSCAPE AREAS.
2. DETAIL IS INTENDED FOR SIDEWALK WIDTHS OF 4 TO 6 FEET. CONTRACTOR SHALL COORDINATE WITH ARCHITECT OR ENGINEER FOR ANY SIDEWALK WIDTHS THAT EXCEED 6 FEET.

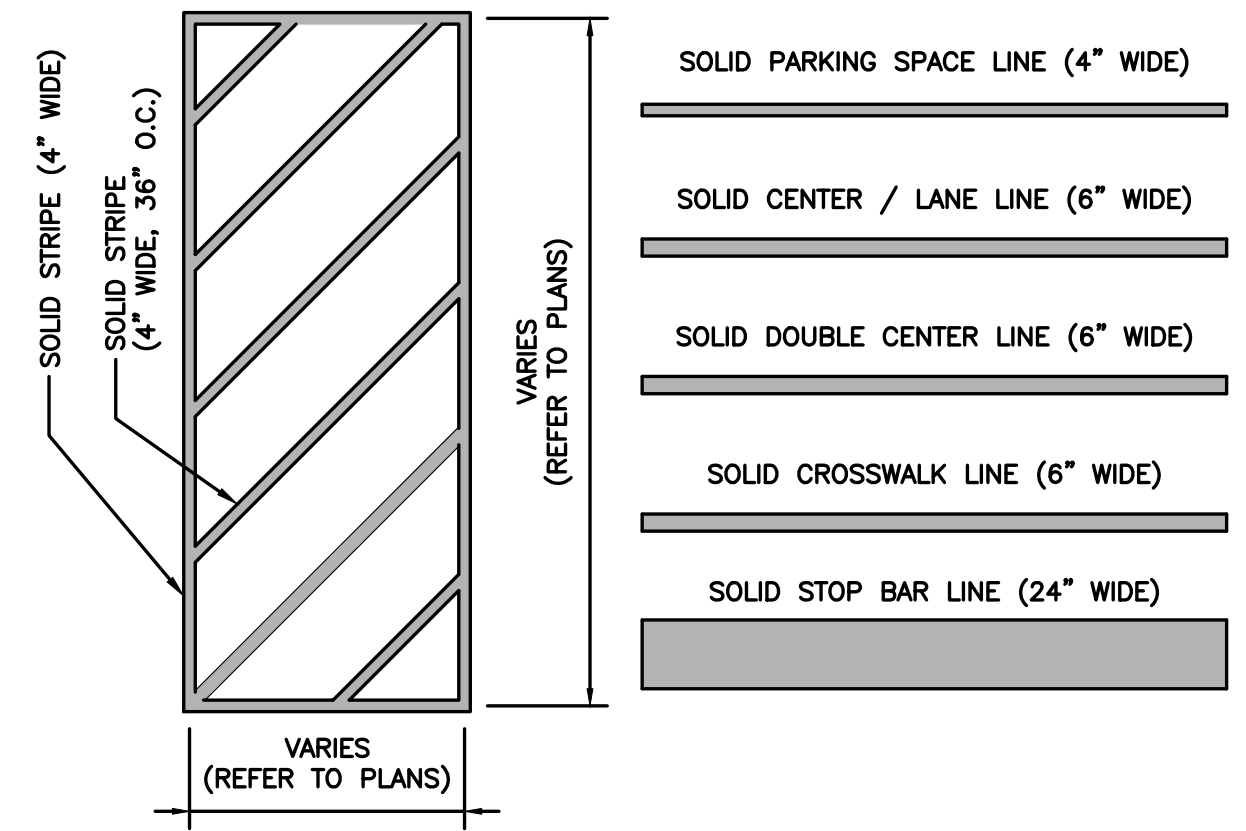
5 CONCRETE SIDEWALK DETAIL
SCALE: N.T.S. REF. DWG. C3.0



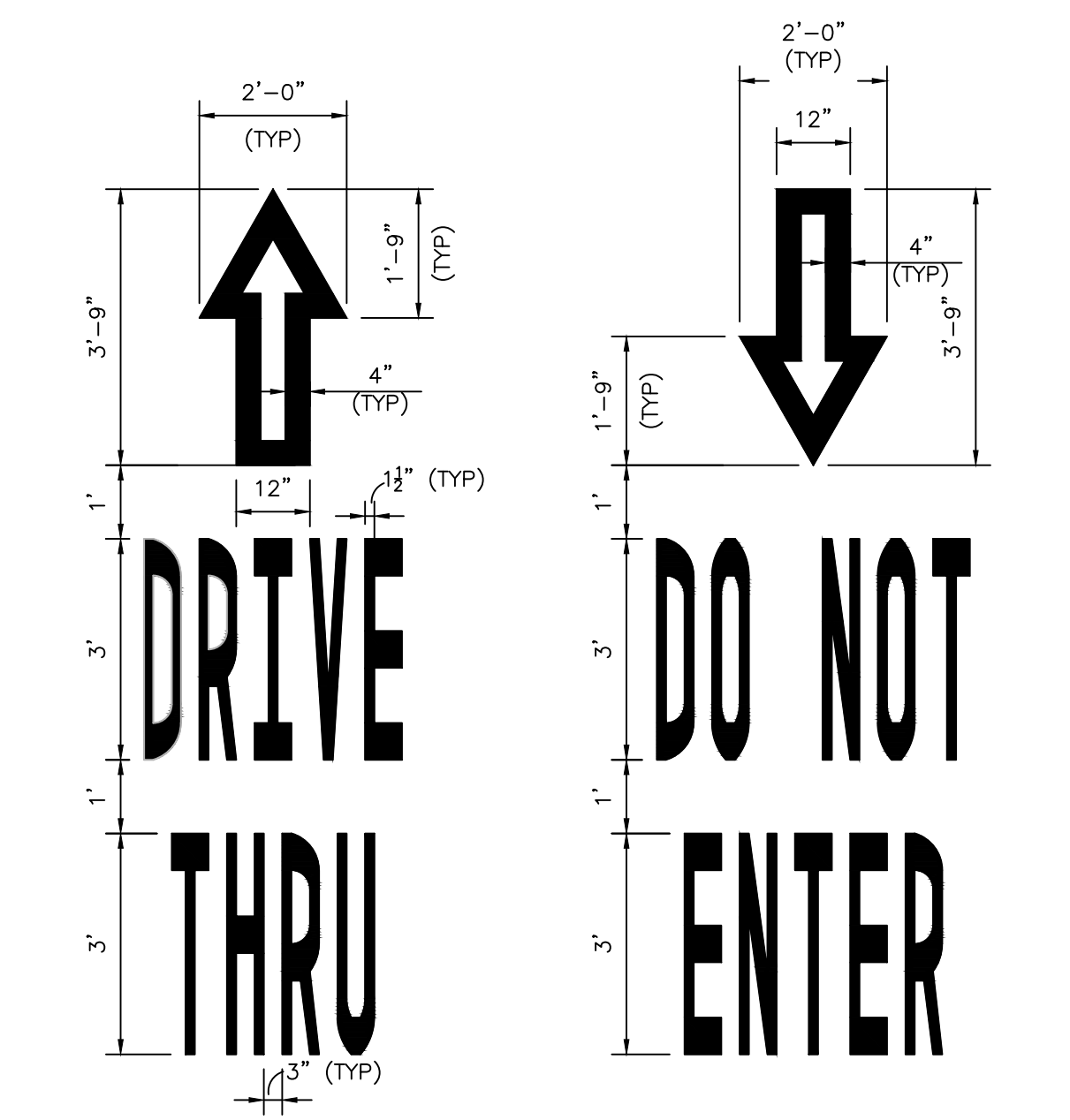
6 ACCESSIBLE PARKING SIGN DETAIL
SCALE: N.T.S. REF. DWG. C3.0



7 ACCESSIBLE PARKING SYMBOL DETAIL
SCALE: N.T.S. REF. DWG. C3.0



8 PAVEMENT STRIPING DETAIL
SCALE: N.T.S. REF. DWG. C3.0



DRIVE THRU ARROW DO NOT ENTER ARROW

DETAIL NOTES:
1. ARROWS SHALL BE PAINTED SOLID REFLECTIVE YELLOW OR PER LOCAL CODES.

4 DRIVE-THRU/DO NOT ENTER DETAIL
SCALE: N.T.S. REF. DWG. C3.0

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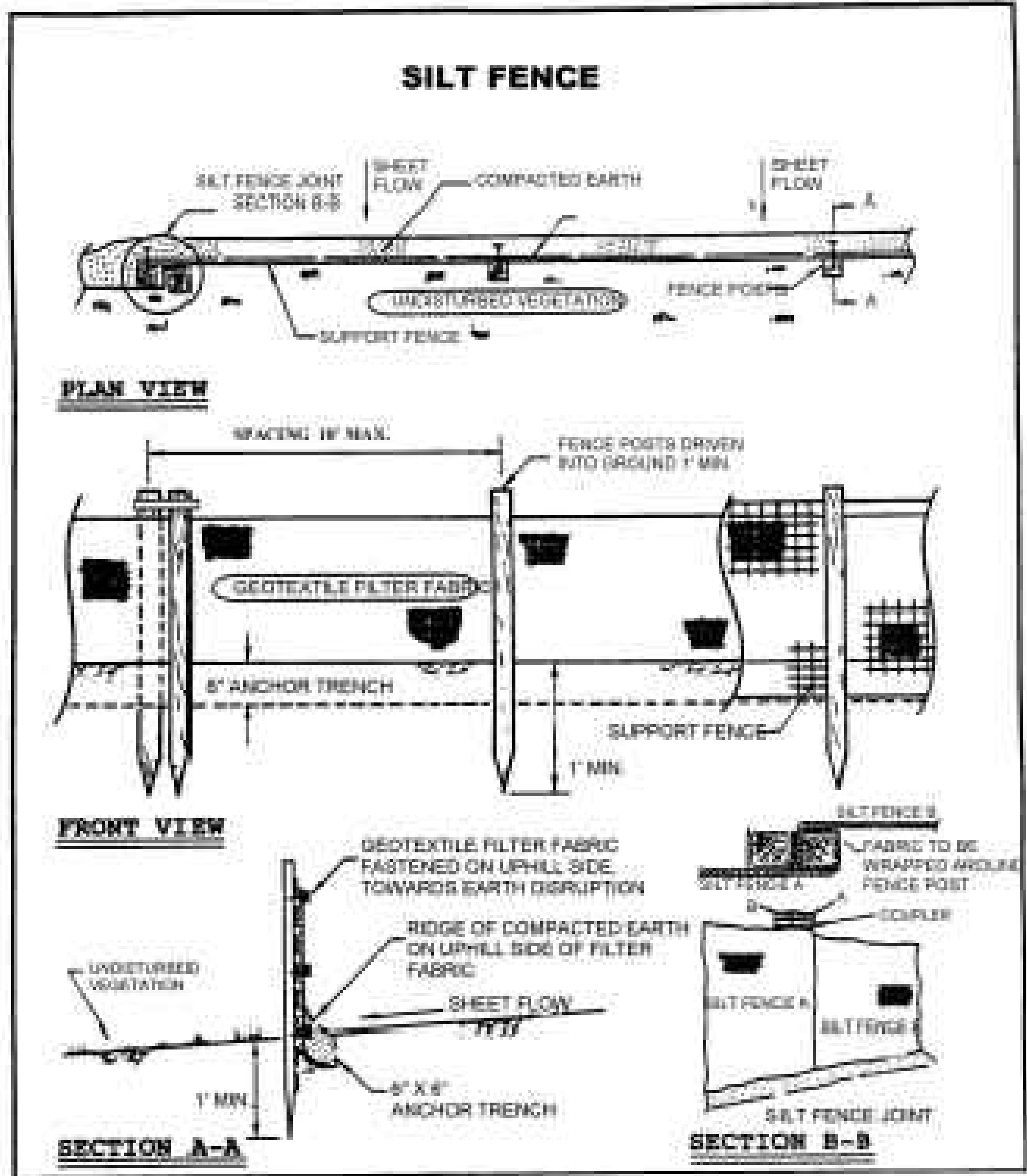


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DATE: 02/09/2023
Job Number: 21-0128
Sheet Number: C5.0



Source: Adapted from Oakland County (Michigan) Erosion Control Manual

1 STATE OF MICHIGAN SILT FENCE DETAIL
SCALE: N.T.S. REF. DWG. C4.0

Dandy® Bag

The patented Dandy Bag® is designed for use with flat grates (including round) and mountable curbs to detain sediment-laden storm water. The suspended solids are allowed to settle out of the slowed flow prior to entering the Dandy Bag®.

Installation

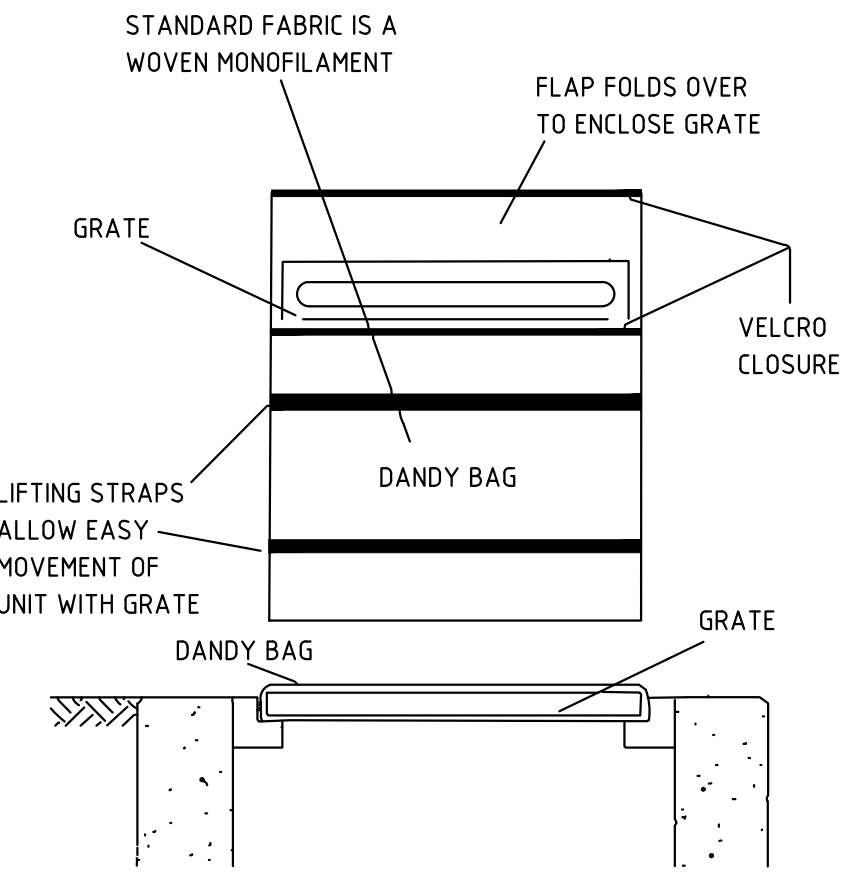
1. Stand the grate on end
2. Place the Dandy Bag® over the grate
3. Roll the grate over so that the open end is up
4. Pull up the slack
5. Tuck the flap in
6. Press the velcro strips together
7. Be sure that the end of the grate is completely covered by the flap or the Dandy Bag® will not work properly
8. Holding the handles, carefully place the Dandy Bag® with the grate inserted into the catch basin frame

Maintenance

To insure proper operation remove silt, sediment, and debris from the surface and the vicinity of the unit with a square point shovel or stiff bristle broom away from environmentally sensitive areas and waterways in manner satisfactory to the engineer/inspector. Remove fine material from inside Dandy Bag® as needed. Dispose of Dandy Bag® no longer in use at an appropriate recycling or solid waste facility.

Inlet Inspection

To inspect inlet, remove Dandy Bag® with grate inside, inspect catch basin and replace Dandy Bag® back into grate frame.



Ponding is likely if sediment is not removed regularly. The Dandy Bag® must never be used where overflow may endanger an exposed slope. The Dandy Bag® is not intended for any other use and should not be used for any other purpose.



DANDY PRODUCTS, INC.
2011 Harrisburg Pike, Suite R
Grove City, Ohio 43123

1-800-591-2284
(local) 614-875-2284
FAX: 614-875-6305
E-MAIL: dandy@dandyproducts.com
www.dandyproducts.com

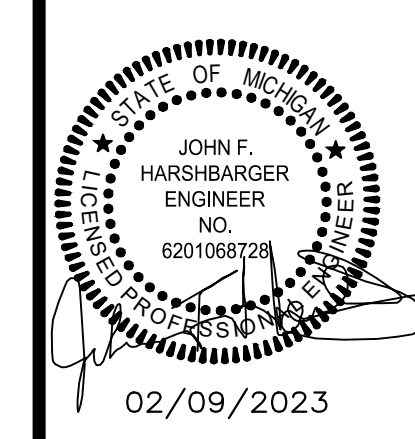
2 INLET PROTECTION DETAIL
SCALE: N.T.S. REF. DWG. C4.0

USER: Aulfin, Esterhild TAB: C5.1
DATE: February 9, 2023 - 8:25:01 AM
DRAWING: S:\085\0852021\21-0128\0852021\21-0128\0852021\21-0128.dwg

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02/09/2023

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DETAIL SHEET

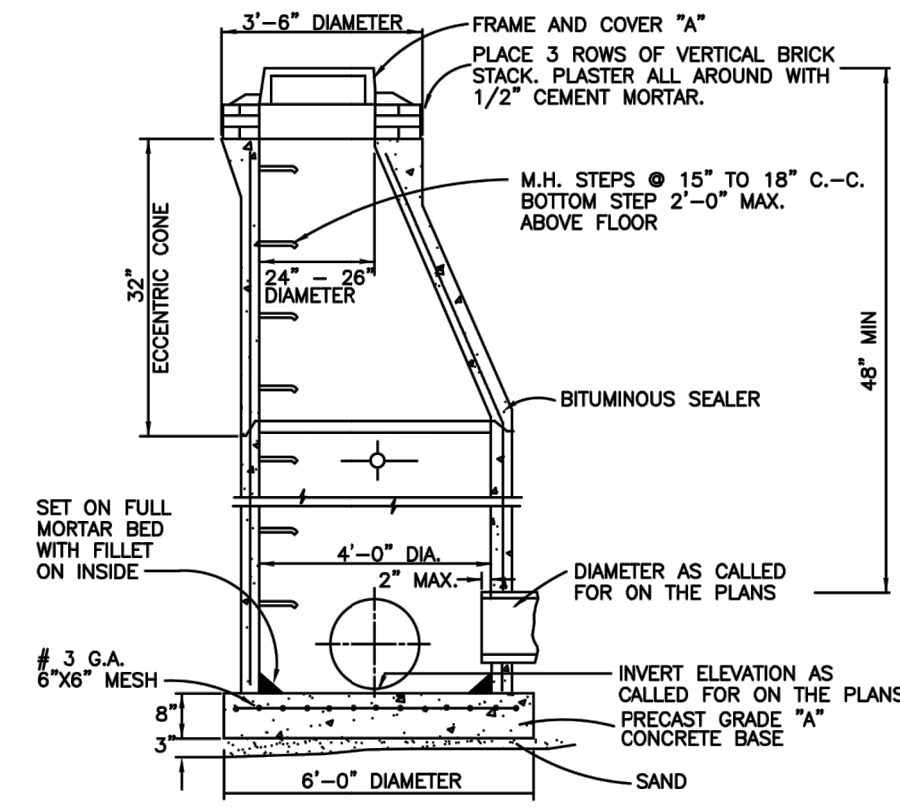
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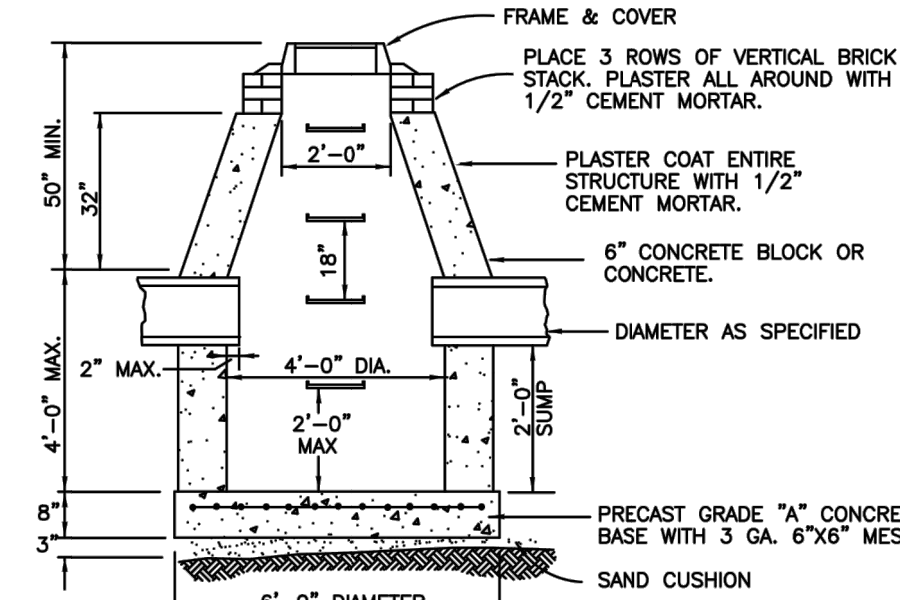
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DRAWN BY	PGB
CHECKED BY	CAW
DRAWING SCALE	AS SHOWN
DATE	02/09/2023
Job Number	21-0128
Sheet Number	C5.1

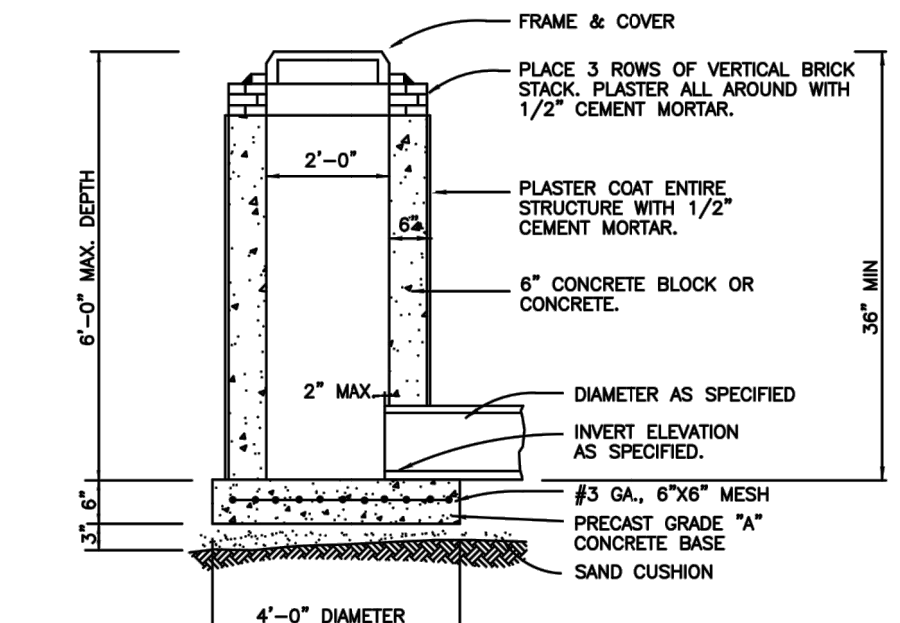
MSD P. NO. BASE MAP.



PRECAST UNITS SHALL MEET THE REQUIREMENTS OF A.S.T.M. C478-18 STANDARD MANHOLE

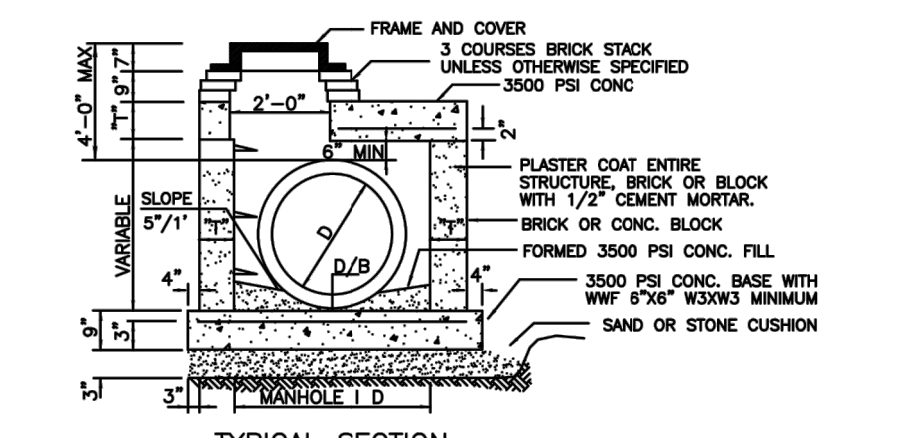


PRECAST UNITS SHALL MEET THE REQUIREMENTS OF A.S.T.M. C478-18 STANDARD CATCH BASIN

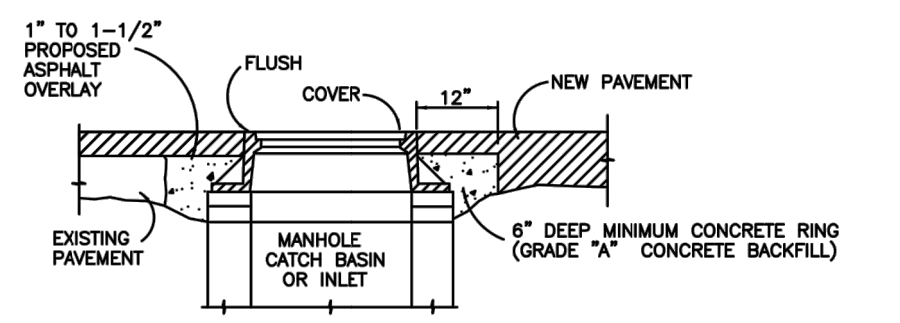


PRECAST UNITS SHALL MEET THE REQUIREMENTS OF A.S.T.M. C478-18 STANDARD INLET OR CLEANOUT

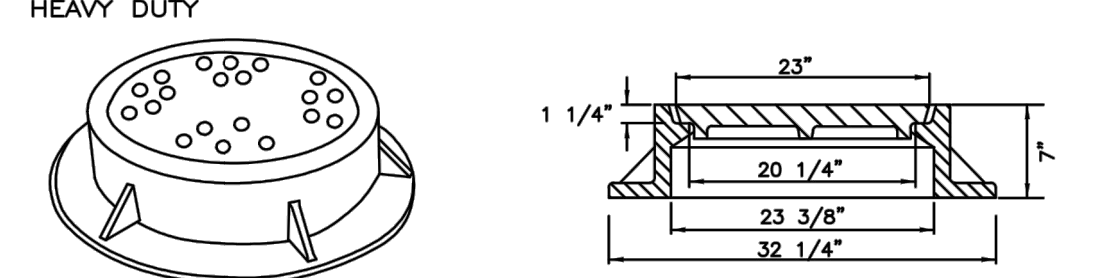
OUTLET ID	M.H. TOP SLAB	WALL	REINF. STEEL
24"	4'-0"	8"	#6 EW 9"
30"	4'-0"	8"	#6 EW 9"
36"	4'-0"	9"	#6 EW 9"
42"	5'-0"	10"	#6 EW 9"
48"	5'-0"	11"	#7 EW 9"



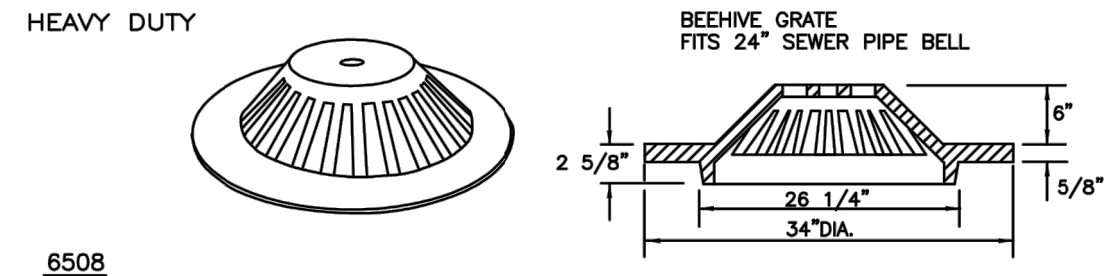
PRECAST UNITS SHALL MEET THE REQUIREMENTS OF A.S.T.M. C478-18 TYPICAL MANHOLE "D"



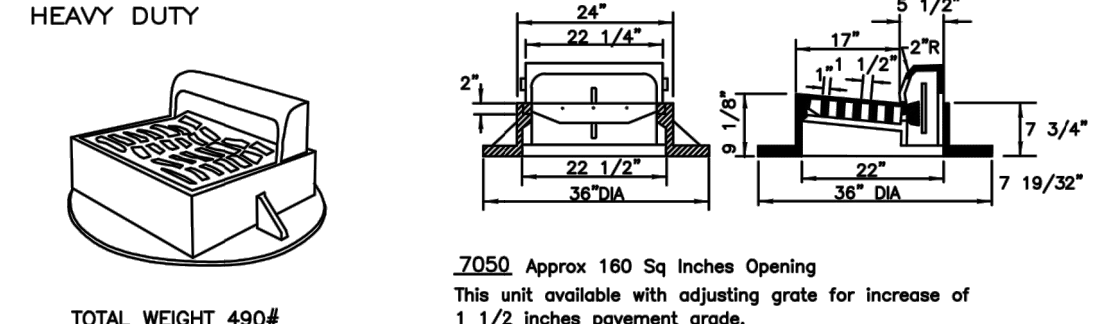
DRAINAGE STRUCTURE COVER - CONCRETE RING DETAIL FOR NEW INSTALLATION OR ADJUSTMENT



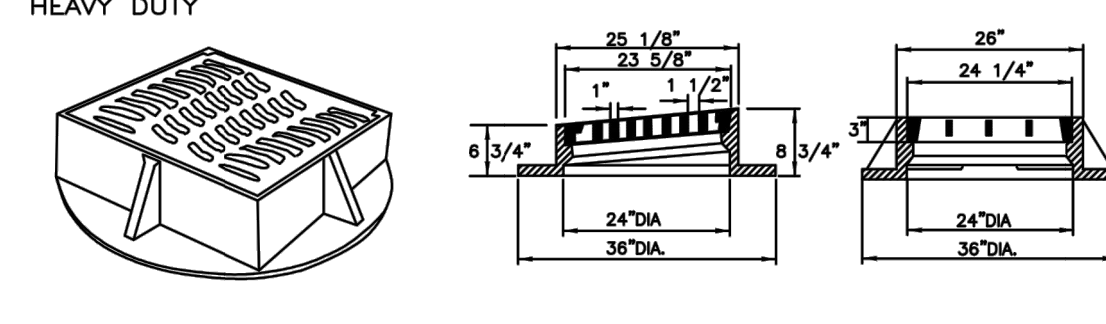
1000 Type B Perforated Cover Has 20 - 1 1/4" Dia Holes



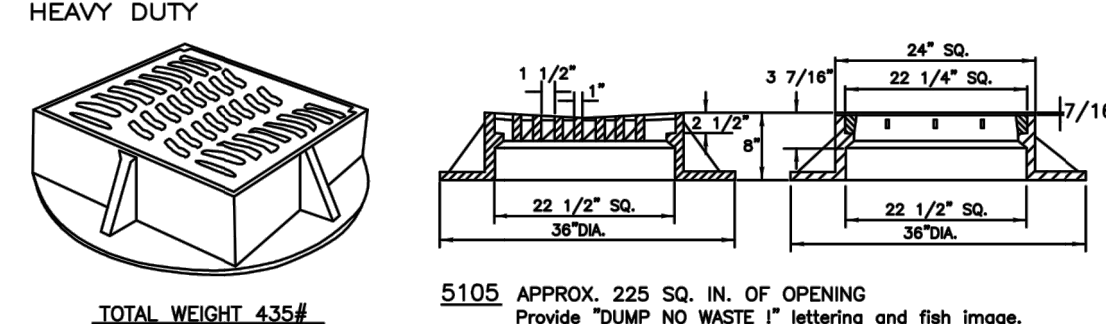
650B Approximately 280 square inches of opening Fits 24" sewer pipe bell Provide "DUMP NO WASTE" lettering.



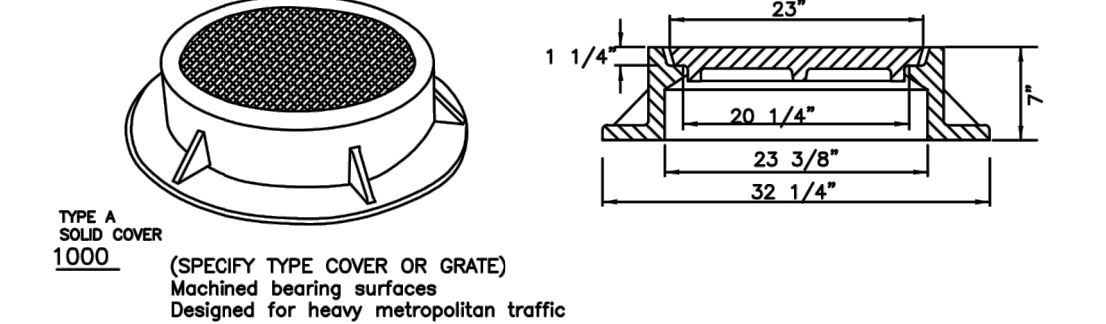
7050 Approx 160 Sq Inches Opening This unit available with adjusting grate for increase of 1 1/2 inches pavement grade. Provide "DUMP NO WASTE" lettering and fish image.



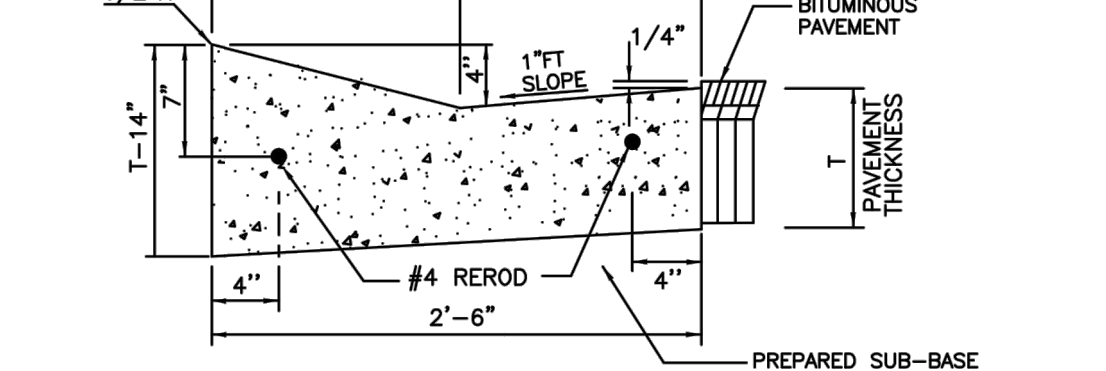
7076 APPROX. 275 SQ. IN. OF OPENING



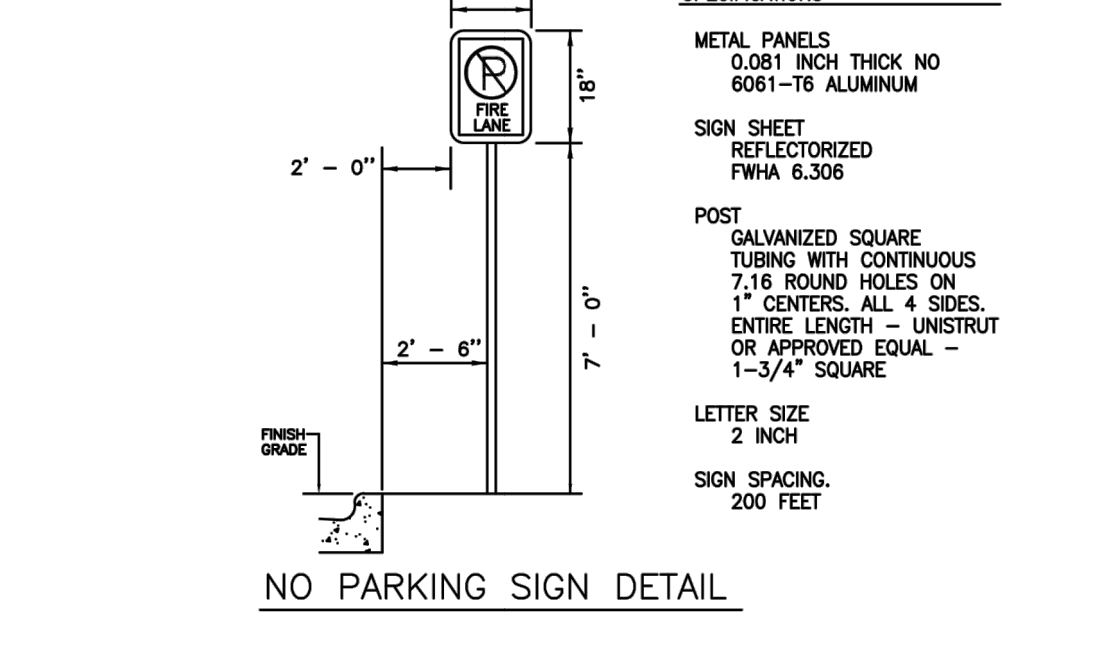
5105 APPROX. 225 SQ. IN. OF OPENING Provide "DUMP NO WASTE" lettering and fish image.



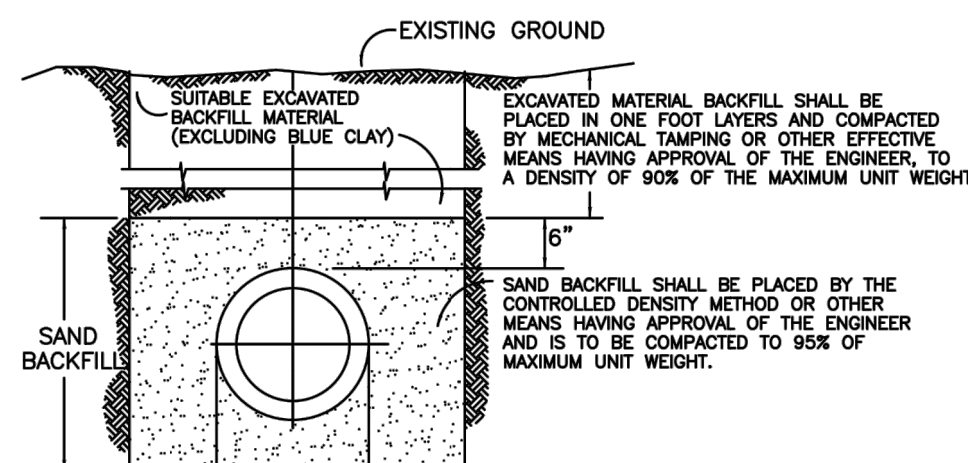
CLEANOUT COVER (SPECIFY TYPE COVER OR GRATE) Machined bearing surfaces Designed for heavy metropolitan traffic



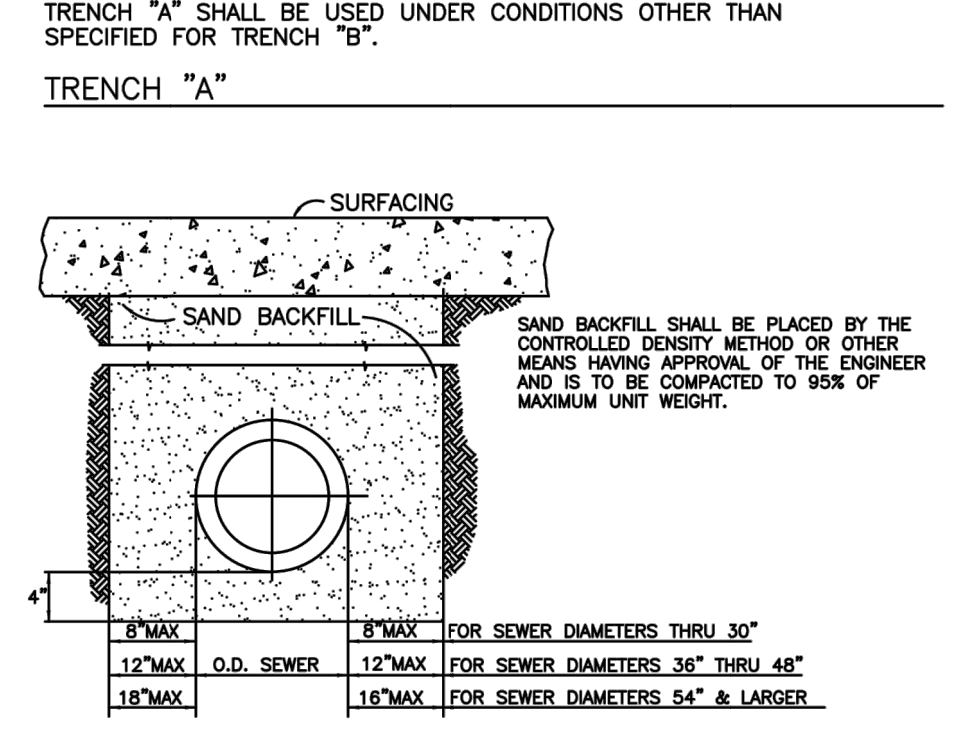
MOUNTABLE CONC. CURB & GUTTER



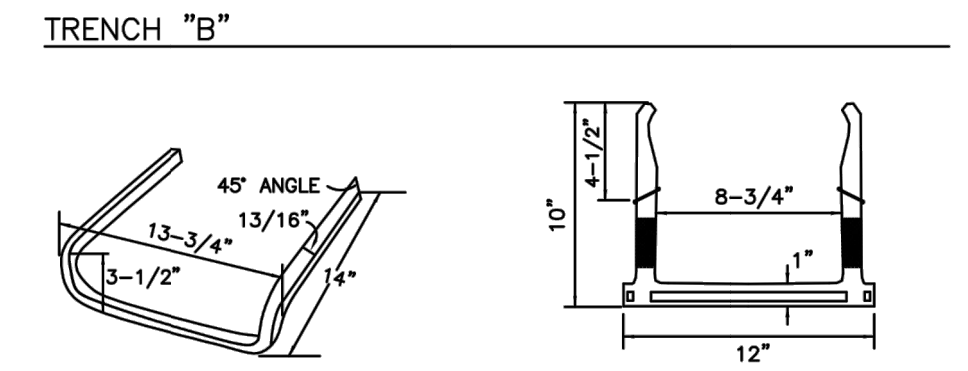
NO PARKING SIGN DETAIL



TRENCH "A" SHALL BE USED UNDER CONDITIONS OTHER THAN SPECIFIED FOR TRENCH "B".

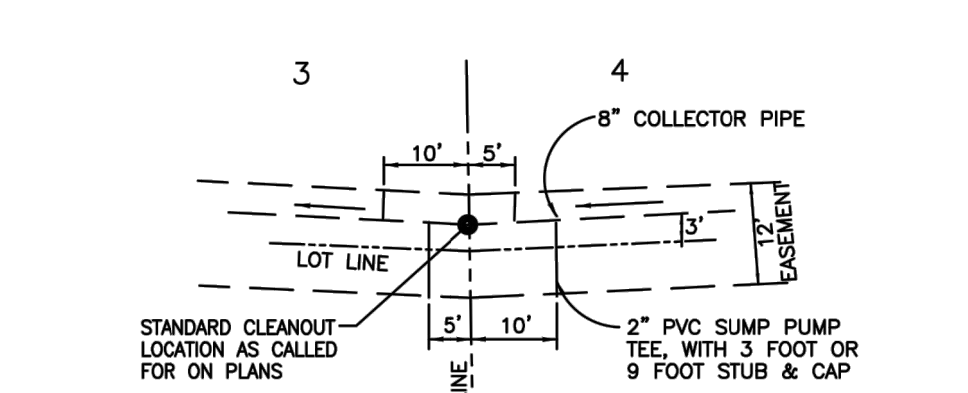


TRENCH "B" SHALL BE USED UNDER ROAD SURFACE, PAVEMENT, SIDEWALK, CURB, AGGREGATE & PAVED DRIVES AND WHERE THE EDGE OF TRENCH IS WITHIN 3 FEET OF THE PAVEMENT.

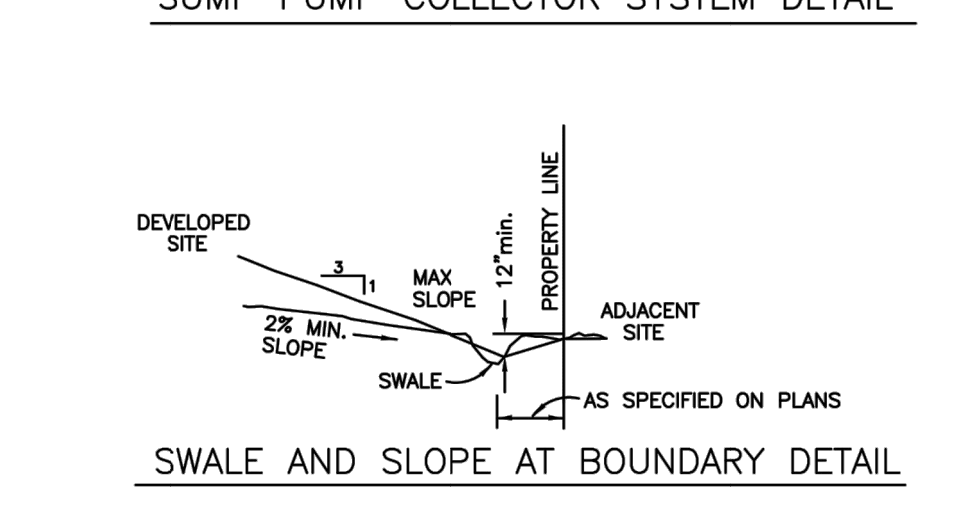


ALUMINUM STEP PLASTIC COATED STEEL STEP

NOTE: STEPS PROJECT 6" FROM FACE OF WALL



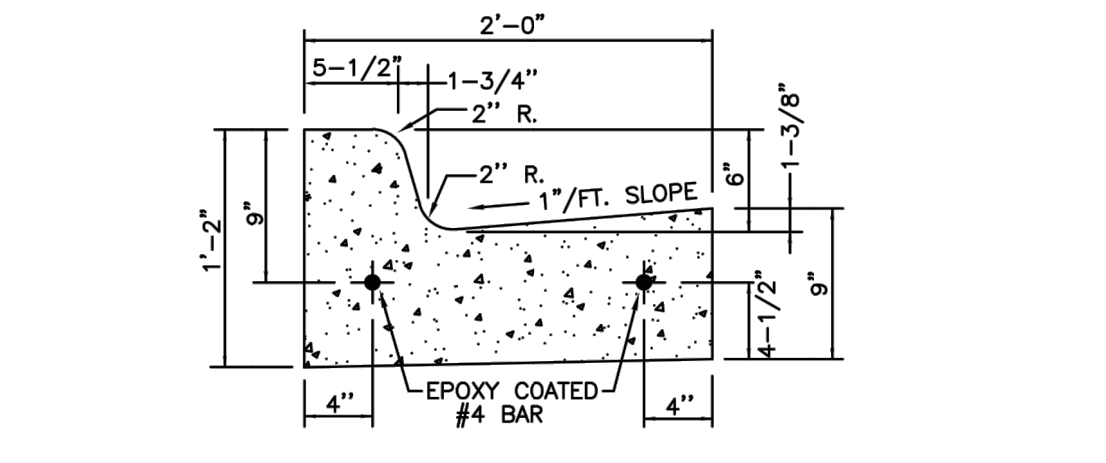
SUMP PUMP COLLECTOR SYSTEM DETAIL



SWALE AND SLOPE AT BOUNDARY DETAIL

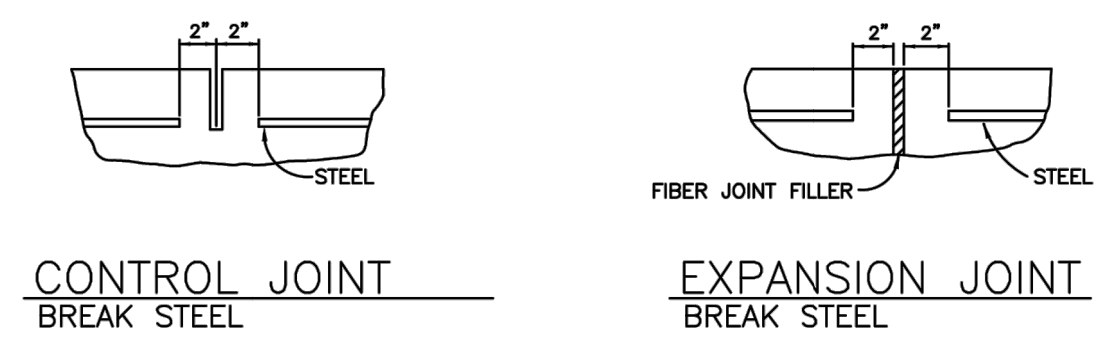
GRADING AND REAR YARD DRAINAGE PLAN NOTES AND MATERIALS

- Rear yard storm sewers shall be min. 12 inch diameter concrete pipe ASTM C76 CUII, or larger as the design requires.
- Covers for structures shall be EJWW 6508.
- Standard bedding and backfill for concrete storm sewer is Trench A.
- Pipes serving as underdrains only shall be six (6) inch diameter perforated plastic underdrain pipe placed in a trench backfilled with 10A stone full depth. The Underdrain pipe may be either A.B.S., P.V.C. with a minimum crushing strength of 1000 lbs/ft.
- Where rear yard surface drainage is not being collected, the surface swales are less than two (2) percent and sump pump collection lines are not tied into the sewer, two (2) foot structures with 1000-A (Solid) frames are required for the under drain system. Underdrain pipe will be minimum six (6) inch diameter perforated plastic pipe at a minimum slope of 0.30 percent backfill with 10A stone full depth.
- Where rear yard surface drainage is being collected, the surface swales are less than two (2) percent and sump pump collection lines are tied into the sewer, four (4) foot structures with 6508 (Beehive) frames are required. The storm sewer line will be minimum 12 inch perforated pipe at a minimum slope of 0.32 percent backfill with 10A stone full depth, feet of 10A Stone

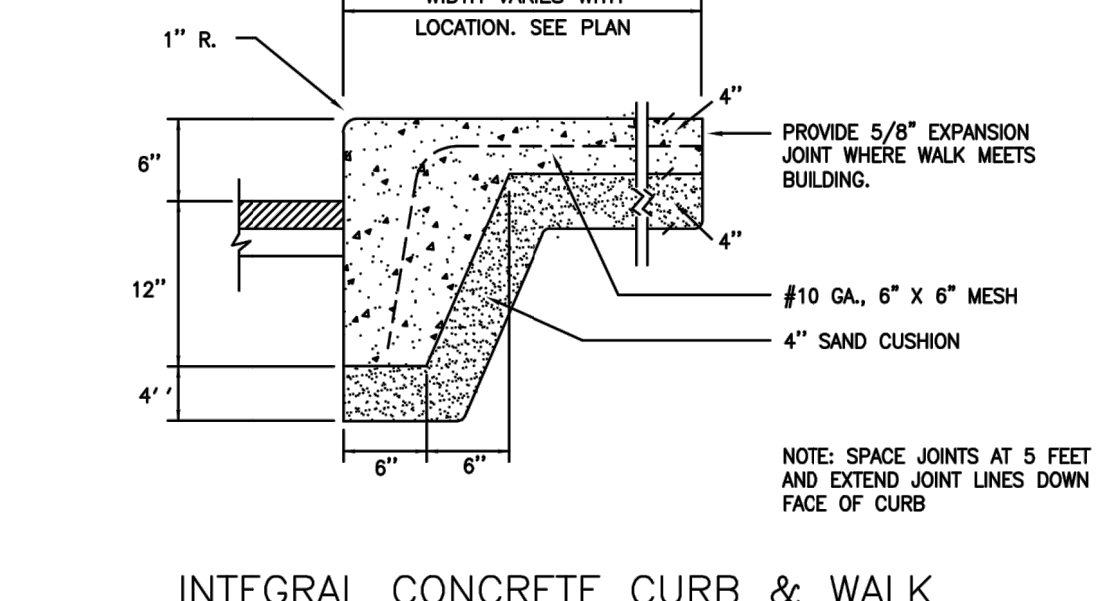


CONCRETE CURB & GUTTER M.D.O.T. DETAIL F-4

- PLACE 1" FIBER JOINT FILLER AT SPRING POINTS OF STREET RETURNS.
- PLACE 1" FIBER JOINT FILLER AT APPROXIMATELY 400 FOOT INTERVALS WHEN SPRING POINTS OF INTERSECTING STREETS ARE MORE THAN 400 FEET APART.
- PLACE AN EXPANSION JOINT 10 TO 50 FEET EACH SIDE OF EACH CATCH BASIN.
- PLACE CONTROL JOINTS AT APPROXIMATELY 50 FOOT INTERVALS.



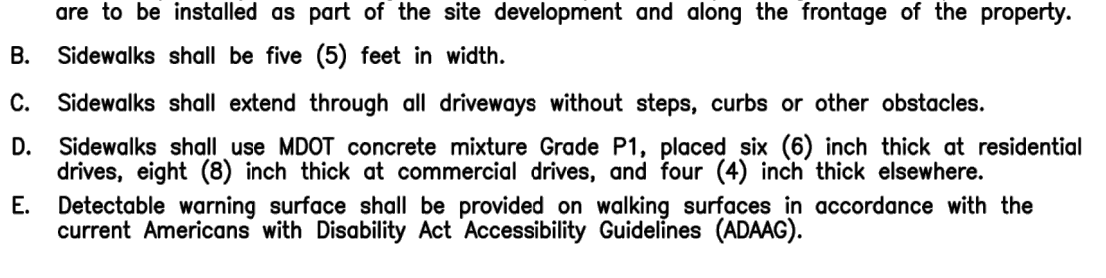
CONTROL JOINT BREAK STEEL EXPANSION JOINT BREAK STEEL



INTEGRAL CONCRETE CURB & WALK

NOTE: SPACE JOINTS AT 5 FEET AND EXTEND JOINT LINES DOWN FACE OF CURB

TYPICAL PAVEMENT FOR NON-PUBLIC ROADWAYS & DETAILS



SIDEWALKS

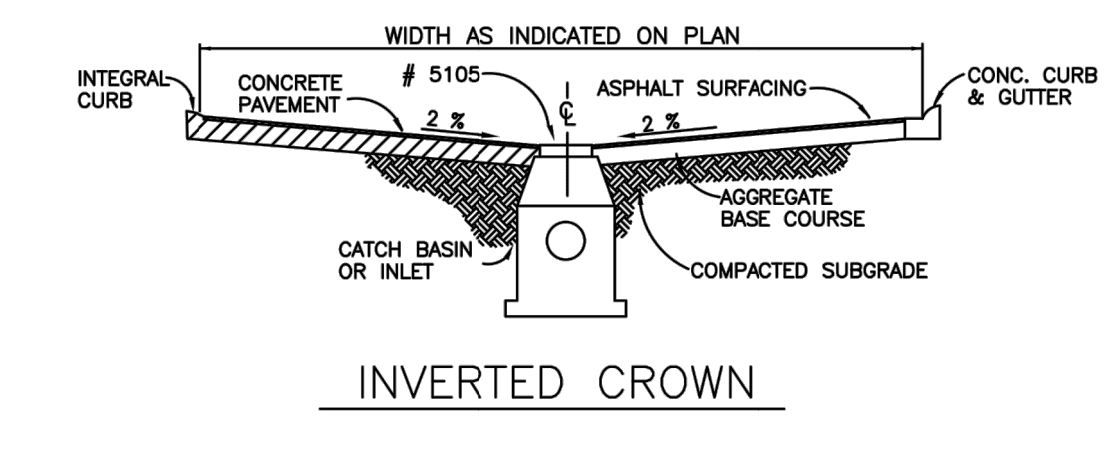
- Where required by the Planning Commission and/or Township Zoning Ordinance, public walks are to be installed as part of the site development and along the frontage of the property.
- Sidewalks shall be five (5) feet in width.
- Sidewalks shall extend through all driveways without steps, curbs or other obstacles.
- Sidewalks shall use MDOT concrete mixture Grade P1, placed six (6) inch thick at residential drives, eight (8) inch thick at commercial drives, and four (4) inch thick elsewhere.
- Detectable warning surface shall be provided on walking surfaces in accordance with the current Americans with Disability Act Accessibility Guidelines (ADAAG).

STORM SEWER SYSTEM

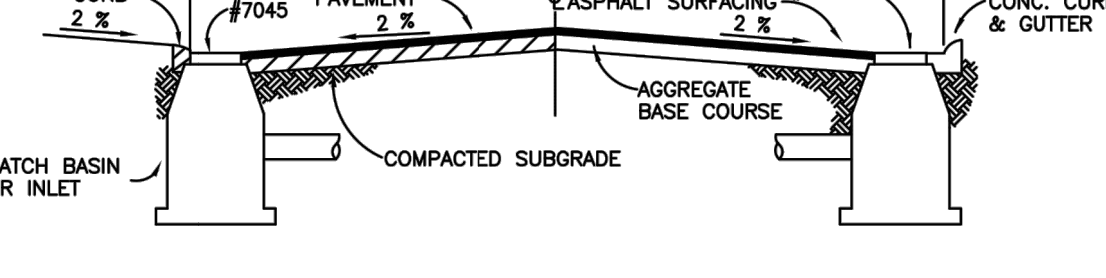
- A structure with multiple pipe connections, with at least one of which being a 12 inch, must be a minimum four (4) foot structure.
- Storm sewers must have a minimum of three (3) feet of cover.
- All structures that do not meet the minimum cover requirement of the standard structure shall be specified as Typical Manhole "D".
- A two (2) foot sump is required, at a minimum in the first structure upstream of the storm outlet.

TESTING NOTES

- The Contractor is required to secure the services of a qualified testing laboratory for the quality control testing for all backfill and earthwork compaction density control and all sampling and testing of concrete, asphalt and aggregate.
- These tests shall be performed in the field at the specified rates below:
 - All concrete for air content, temperature, cylinder tests - one set of tests and cylinders per 250 cubic yards used, or one set per day.
 - Compaction testing of backfill shall be one compaction test per layer of backfill per 50 feet of trench.
 - Compaction testing of aggregate base courses and earth fills shall be one compaction test per layer of material per one hundred feet of base or subgrade.
- Bituminous leveling and surface courses less than three (3) inch thick shall be compacted to 100 percent of the average unit weight determined by the Rolling Test Method. Bituminous base courses shall be compacted to 95 percent of maximum. Field density shall be determined by the nuclear densometer method.



INVERTED CROWN



STANDARD CROWN

STANDARD DRIVE AND SITE SURFACING CROSS SECTIONS WITH CURB AND GUTTER

SURFACING THICKNESS & MATERIAL SPECIFICATION REQUIREMENTS

- For commercial and industrial site development only, surfacing for parking areas, as provided in Section 20.2 of the Zoning Ordinance, shall consist of a minimum surface thickness of 1 1/2 inch MDOT Mixture 36A Bituminous and 1 1/2 inch MDOT Mixture 13 A Bituminous and laid on a eight (8) inch minimum thickness base course placed in two (2) compacted four (4) inch layers of MDOT Specification 22A, or equivalent. This minimum specification shall not be construed as a substitute for sufficient pavement thickness where traffic conditions and/or soil conditions require more substantial pavement designs.
- Concrete curb and gutter shall be MDOT Detail C-4, unless approved otherwise, with concrete mixture MDOT P1 or approved equivalent.
- Concrete paving may be used which provides an equivalent section based on ASHTO Design Criteria.

SUMP PUMP DISCHARGE COLLECTOR SYSTEM MATERIALS

- Sump pump discharge line is two (2) inch PVC schedule 40 pipe for connecting the pump discharge line to the tee in the collector pipe.
- Structures with a 1000-A (solid) frame, are a two (2) foot diameter structure with a 1000-A (Solid) frame. The collector pipe shall be minimum eight (8) inch PVC truss at a minimum slope of 0.30 percent. Cleanouts are required at 300 foot intervals and the upper end of the collector pipe.
- Minimum depth of all piping is three (3) feet.
- Minimum slope on discharge lines and collector pipe is 0.30 percent.
- Connect the pipe to the storm drainage system. Where the outlet is a drain, place a concrete headwall and plain rip rap for erosion protection.
- The collector piping is placed in the rear yard drainage easement.
- Sump Pump collector lines must connect to the storm sewer system at a catchbasin, manhole or rear yard inlet.
- No surface water shall be drained by the sump pump. Collector system and all structures on this system shall have solid covers.

PLAN NOTES

- All workmanship, materials, and testing shall be in accordance with the current standards and specifications of the Plymouth Charter Township and Michigan Department of Transportation or Wayne County Department of Public Services where referenced.
- It shall be the contractor's responsibility to verify and/or obtain any information necessary regarding the presence of underground utilities on the project.
- Standard utility trench bedding and backfill shall conform to WCDPS trench B. For utilities located at least five (5) feet outside the edge of existing or proposed pavement or sidewalk, WCDPS Trench A may be used.
- Contractor shall call MISS DIG at (800) 482-7171 at least three (3) working days prior to construction. Contractor shall be responsible for any damage done to any existing utility during construction.
- Contractor shall notify the Plymouth Township Department of Public Works two (2) working days prior to the start of construction. Phone (734) 354-3270.
- Contractor shall notify the Township Engineer two (2) working days prior to start of construction or testing, Spalding DeBecker Phone: (248) 844-5400.
- Testing and inspection of all materials and construction is required at the expense of the Contractor.

INCORPORATED UPDATES
OCTOBER 2019
REVISED PER REVISION STANDARDS
JULY 2005
TITLE BLOCK ADDRESS CHANGE
OCTOBER 2000
MARCH 1998
ORIGINAL

DATE NO REVISION DESCRIPTION

PLYMOUTH CHARTER TOWNSHIP
DEPARTMENT OF PUBLIC WORKS

9555 N. HAGBERRY ROAD
PLYMOUTH, MICHIGAN 48170-4673 734-354-3270

GRADING, DRAINAGE AND SURFACING STANDARD DETAILS
CHARTER TOWNSHIP OF PLYMOUTH, WAYNE COUNTY, MICHIGAN

DESIGN/CALC BY: PGB
DRAWN BY: PGB
CHECKED BY: CAW
DRAWING SCALE: AS SHOWN
DATE: 02/09/2023
Job Number: 21-0128
Sheet Number: C5.2

ARCVISION INC.
1930 CRAIG ROAD, SUITE 300
ST. LOUIS, MO 63146
(314) 415-2400

DEVELOPER/OWNER:

JOHN F. HARSHBARGER
ENGINEER
NO. 6201068728
02/09/2023

TACO BELL
205 ANN ARBOR ROAD
PLYMOUTH, MI 48170

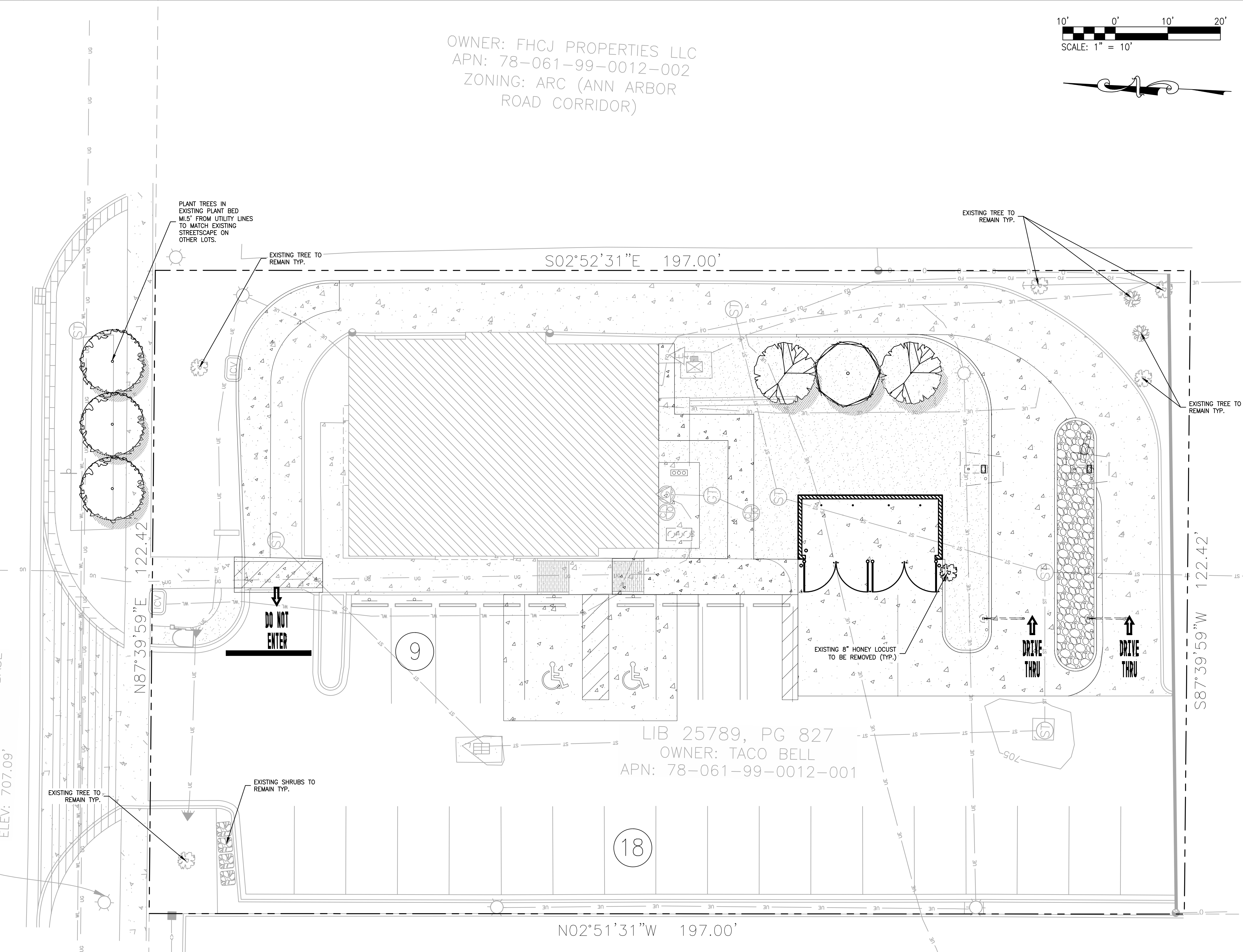
DETAIL SHEET

PLANT SCHEDULE						
CANOPY TREES						
SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SPACING	SIZE	COMMENTS
	3	Gleditsia tricanthos inermis 'Shademaster'	Shademaster Honeylocust	as shown	3" Cal. min.	
	2	Acer rubrum	Red Maple	as shown	3.5" Cal. min.	
	1	Acer rubrum	Red Maple	as shown	4" Cal. min.	

MISC.			
	TBD	AREA TO BE SOD	
	TBD	DECORATIVE GRAVEL ON FILTER FABRIC - COLOR AND TYPE TO MATCH EXISTING ON-SITE	

MINIMUM PLANT SIZES		
LANDSCAPING MATERIALS	PERCENTAGE OF TOTAL	MINIMUM SIZE AT INSTALLATION
DECIDUOUS SHADE TREES	50%	3.0-3.5 CALIPER INCHES
	30%	3.5-4.0 CALIPER INCHES
	20%	4.0 CALIPER INCHES

LANDSCAPE CALCULATIONS			
SECT. 78-167 (b)(3) - ANN ARBOR STREETScape TREE & SHRUB QUANTITIES			
REQUIREMENT	AREA / MEASUREMENT	REQ'D	PROV'D
DECIDUOUS SHADE TREES SHALL BE PLANTED ALONG THE LENGTH OF THE SITE FRONTAGE IN AN AMOUNT EQUAL TO MINIMUM OF ONE (1) STREET TREE PER FORTY (40) FEET OR FRACTION THEREOF OF SITE FRONTAGE.	+/- 122.4 L.F. 122.4/40= 3.0	3 STREET TREES	3 STREET TREES
SECT. 78-167 (e)(2)(a) - ANN ARBOR STREETScape PARKING LOT SCREENING OR BUFFERING			
REQUIREMENT	AREA / MEASUREMENT	REQ'D	PROV'D
A MINIMUM TEN-FOOT BUFFER AREA BETWEEN THE OFF-STREET PARKING AND/OR VEHICULAR USE AREA AND THE STREET SETBACK LINE TO INCLUDE ONE TREE PER 40 FEET OR FRACTION THEREOF OF STREET FRONTAGE OF THE PARKING LOT AND PLANTINGS OF AT LEAST TEN SHRUBS FOR EVERY (30) FEET OR FRACTION THEREOF OF STREET FRONTAGE OF PARKING LOT. IF THE OFF-STREET PARKING AND/OR VEHICULAR USE AREA IS LOCATED SUCH THAT IT REQUIRES ANN ARBOR ROAD STREETScape IN ACCORDANCE WITH SECTION 78-167(B)1, THEN SECTION 78-167(D)4.B, ABOVE, SHALL NOT APPLY.	EXISTING ANN ARBOR STREETScape REQUIRED	EXISTING ANN ARBOR STREETScape REQUIRED	ANN ARBOR STREETScape AND EXISTING PARKING LOT SCREEN SHRUBS TO REMAIN
SECT. 78-168 (a)(1)(a) - INTERIOR PARKING LOT LANDSCAPING			
REQUIREMENT	AREA / MEASUREMENT	REQ'D	PROV'D
25 through 100 spaces: One canopy/deciduous tree and 100 sq. ft. of landscaped area per ten spaces, rounded upward.	27 PARKING SPACES 27/10=2.7 SF OF 2.7x100=270 s.f.	3 TREES 270 SF OF LANDSCAPE AREA	3 TREES & LANDSCAPE ISLANDS AROUND DUMPSTER AND DRIVE THRU AREAS



LANDSCAPE NOTES:

- LANDSCAPE CONTRACTOR TO VERIFY LOCATION OF UNDERGROUND UTILITIES BEFORE BEGINNING WORK.
- ALL LANDSCAPE SHALL COMPLY WITH THE CURRENT EDITION OF ANSI Z 60.1 "AMERICAN STANDARD FOR NURSERY STOCK."
- ALL PLANTS SHALL MEET THE REQUIREMENTS OF THE STATE AND FEDERAL LAW WITH RESPECT TO DISEASE AND INSECT INFESTATION.
- MULCH AREAS WITH TRIPLE GROUND HARDWOOD MULCH 3" MIN. DEPTH.
- ALL LANDSCAPE SUBSTITUTIONS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT.
- FORMAL LINES AND GROUPINGS OF A SPECIES OF TREE, SHRUB, OR GROUNDCOVER SHALL BE MATCHED FOR SIZE, FORM, AND COLOR.
- ALL BACKFILL IN TREE PITS SHALL BE BACKFILLED WITH PLANTING SOIL.
- ALL TREES OUTSIDE OF PLANT BEDS SHALL BE PLANTED WITH A MULCH RING. OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT FOR ANY TREES THAT WILL NOT BE MULCHED FOR EXCESSIVE MOISTURE REASONS.
- ALL LANDSCAPING SHALL BE INSTALLED AS SHOWN ON THE APPROVED PLAN.
- AT PLANTING, TREE TRUNKS MUST BE STRAIGHT WITH MINIMAL DOGLEGS.
- WIRE BASKETS, BURLAP WRAPPINGS, ROPE, TWINE OR ANY SIMILAR SHIPPING MATERIALS SHALL BE REMOVED BEFORE PLANTING.
- A SPADE CUT EDGE SHALL BE CREATED AT ALL LOCATIONS WHERE PLANTING BEDS ARE ADJACENT TO GRASS AREAS UNLESS OTHERWISE NOTED.
- SEE CIVIL PLANS FOR TYPE AND LOCATION OF EROSION CONTROL MATERIALS.
- DO NOT DISTURB EXISTING UTILITIES WITHIN WORK AREA. SILT FENCE AND PLANTINGS SHALL AVOID ANY EXISTING UTILITIES.
- THE CONTRACTOR SHALL FOLLOW THE LANDSCAPE PLANS. ANY SUBSTITUTION OR ALTERATION SHALL NOT BE ALLOWED WITHOUT APPROVAL OF THE OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT. OVERALL PLANT QUANTITY AND QUALITY SHALL BE CONSISTENT WITH THE PLANS.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES. WRITTEN QUANTITIES TAKES PRECEDENCE OVER GRAPHIC QUANTITIES. NOTIFY OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT OF DISCREPANCIES.
- THE OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT MAY ELECT TO UPSIZE PLANT MATERIAL AT THEIR DISCRETION BASED ON SELECTION, AVAILABILITY, OR TO ENHANCE SPECIFIC AREAS OF THE PROJECT. THE CONTRACTOR SHALL VERIFY PLANT MATERIAL SIZES WITH OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT PRIOR TO PURCHASING, SHIPPING OR STOCKING OF PLANT MATERIALS. SUBMIT CHANGE ORDER REQUEST TO OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT FOR APPROVAL IF ADDITIONAL COST IS REQUESTED BY THE CONTRACTOR PRIOR TO INSTALLATION. RE-STOCKING CHARGES WILL NOT BE APPROVED IF THE CONTRACTOR FAILS TO SUBMIT A REQUEST FOR MATERIAL CHANGES.
- THE CONTRACTOR SHALL WARRANT ALL CONTRACTED WORK AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION HAS BEEN ISSUED BY THE OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT FOR THE ENTIRE PROJECT UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS OR SPECIFICATIONS.
- THE DEVELOPER, HIS SUCCESSORS AND ASSIGNS SHALL BE RESPONSIBLE FOR THE INSTALLATION, MAINTENANCE AND REPLACEMENT OF ALL LANDSCAPING MATERIALS SHOWN OR INDICATED ON THE APPROVED LANDSCAPE PLAN ON FILE WITH THE PLANNING DEPARTMENT. ALL LANDSCAPING WILL BE INSTALLED AS DELINEATED ON THE PLAN PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
- PRIOR TO INSTALLATION OF PLANT MATERIALS, AREAS THAT HAVE BEEN COMPACTED OR DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE THOROUGHLY LOOSENEED TO A DEPTH OF 8" - 12" AND AMENDED PER SPECIFICATIONS.
- ALL LANDSCAPED AREAS ARE TO HAVE SOIL PREPARATION PER SPECIFICATIONS. (MINIMUM RATE OF 3 CU. YDS. OF ORGANIC MATTER PER 1000 S.F.). TREES SHALL NOT BE LOCATED IN DRAINAGE SWALES, DRAINAGE AREAS, OR UTILITY EASEMENTS. CONTACT OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT FOR RELOCATION OF PLANTS IN QUESTIONABLE AREAS PRIOR TO INSTALLATION.
- ALL TREES ARE TO BE STAKED AND GUYED FOR A PERIOD OF 1 YEAR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING STAKES AT THE END OF 1 YEAR FROM ACCEPTANCE OF LANDSCAPE INSTALLATION BY THE OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT. OBTAIN APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO REMOVAL.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE EXISTS IN ALL LANDSCAPE AREAS. SURFACE DRAINAGE ON LANDSCAPE AREAS SHALL NOT FLOW TOWARD STRUCTURES AND FOUNDATIONS. MAINTAIN SLOPE AWAY FROM FOUNDATIONS PER THE GEOTECHNICAL REPORT RECOMMENDATIONS. ALL LANDSCAPE AREAS BETWEEN WALKS AND CURBS SHALL DRAIN FREELY TO THE CURB UNLESS OTHERWISE IDENTIFIED ON THE GRADING PLAN. IN NO CASE SHALL THE GRADE, TURF THATCH, OR OTHER LANDSCAPE MATERIALS DAM WATER AGAINST WALKS. MINIMUM SLOPES ON LANDSCAPE AREAS SHALL BE 2% MAXIMUM SLOPE SHALL BE 25% UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS OR APPROVED BY THE OWNER'S REPRESENTATIVE/LANDSCAPE ARCHITECT.
- ALL SHRUB BEDS ARE TO BE MULCHED WITH MIN. 3" DEPTH, SHREDDED HARDWOOD BARK MULCH.
- EXISTING TURF AREAS THAT ARE DISTURBED DURING CONSTRUCTION, ESTABLISHMENT AND THE MAINTENANCE PERIOD SHALL BE RESTORED WITH NEW SOD TO MATCH EXISTING TURF SPECIES. DISTURBED NATIVE AREAS WHICH ARE TO REMAIN SHALL BE OVER SEEDED AND RESTORED WITH SPECIFIED SEED MIX.
- WHEN COMPLETE, ALL GRADES SHALL BE WITHIN +/- 1/8" OF FINISHED GRADES AS SHOWN ON THE PLANS. THESE PLANS ARE NOT INTENDED FOR CONSTRUCTION OR PERMITTING UNLESS STATED IN THE TITLE BLOCK.
- DRAWINGS ARE INTENDED TO BE PRINTED ON 24" X 36" PAPER. PRINTING THESE DRAWINGS AT A DIFFERENT SIZE WILL IMPACT THE SCALE. VERIFY THE GRAPHIC SCALE BEFORE REFERENCING ANY MEASUREMENTS ON THESE SHEETS. THE RECIPIENT OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR ANY ERRORS RESULTING FROM INCORRECT PRINTING, COPYING, OR ANY OTHER CHANGES THAT ALTER THE SCALE OF THE DRAWINGS.
- VERIFY ALL PLAN DIMENSIONS PRIOR TO START OF CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE TO ADDRESS ANY QUESTIONS OR CLARIFY ANY DISCREPANCIES.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- COLE AND THE DESIGNERS OF COLE ARE NOT RESPONSIBLE FOR UTILITY CONFLICTS OR DAMAGE TO UTILITIES PER THIS LANDSCAPE DESIGN. FIELD VERIFY UTILITIES BEFORE BEGINNING WORK. EXTRA CAUTION SHALL BE TAKEN INSTALLING LANDSCAPE AROUND UTILITIES.
- SUBMIT A CHANGE ORDER FOR APPROVAL FOR ANY CHANGES TO WORK SCOPE RESULTING FROM FIELD CONDITIONS OR DIRECTION BY OWNER'S REPRESENTATIVE WHICH REQUIRE ADDITIONAL COST TO THE OWNER PRIOR TO PERFORMANCE OF WORK.
- NO TREES, OTHER THAN THOSE SPECIES LISTED AS SMALL TREES IN SECTION 34-12 MAY BE PLANTED UNDER OR WITHIN TEN LATERAL FEET OF ANY OVERHEAD UTILITY WIRE, OR OVER OR WITHIN FIVE LATERAL FEET OF ANY UNDERGROUND WATER LINE, SEWER LINE, TRANSMISSION LINE, OR OTHER UTILITY. NO TREES SHALL BE PLANTED CLOSER THAN TEN FEET FROM ANY MANHOLE STRUCTURE. NO TREE SHALL BE PLANTED CLOSER THAN TEN FEET FROM ANY HYDRANT. NO TREE SHALL BE PLANTED CLOSER THAN TEN FEET FROM ANY STREETLIGHT POLE. NO TREE SHALL BE PLANTED CLOSER THAN TEN FEET FROM ANY TRAFFIC CONTROL DEVICE.

MSD P. NO. _____

DESIGN/CALC BY: PGB

DRAWN BY: PGB

CHECKED BY: CAW

DRAWING SCALE: AS SHOWN

DATE: 01/26/2023

Job Number: 21-0128

Sheet Number: L1.0

ARCVISION, INC.
1930 CRAIG ROAD, SUITE 300
ST. LOUIS, MO 63146
(314) 415-2400

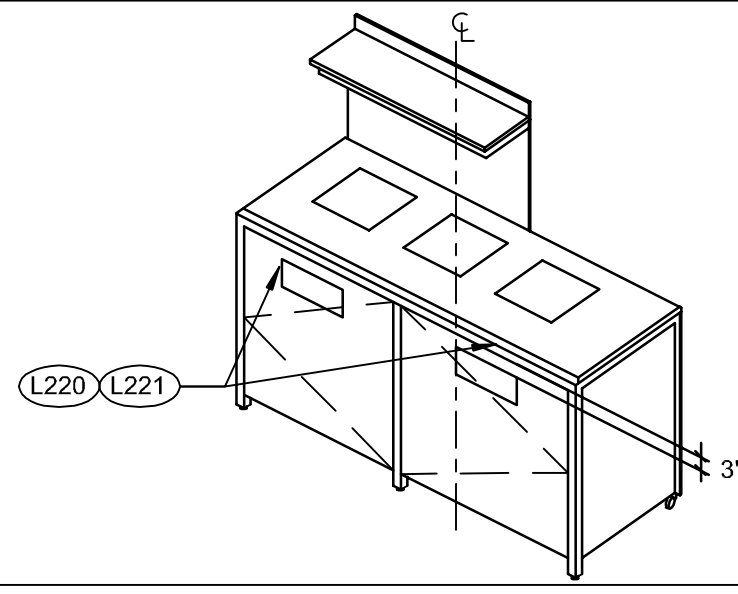
STATE OF MICHIGAN
JEREMY DON ROACH
LANDSCAPE ARCHITECT
REGISTERED LANDSCAPE ARCHITECT
NO. 3901001591

TACO BELL
205 ANN ARBOR ROAD
PLYMOUTH, MI 48170

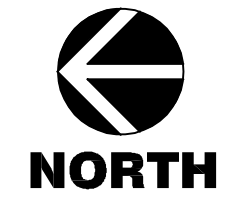
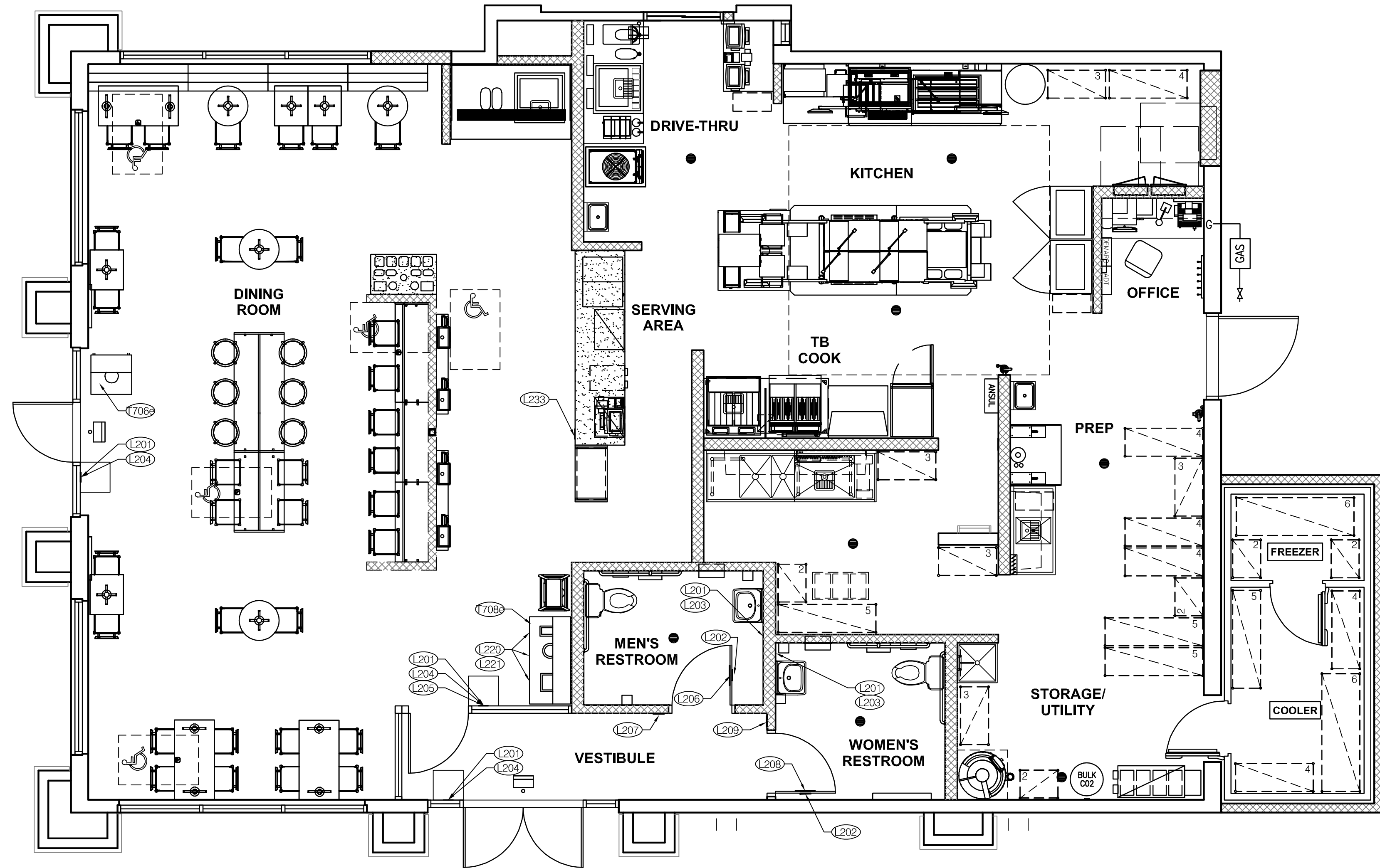
LANDSCAPE PLAN

COLE
CIVIL ENGINEERING / SURVEYING / PLANNING / LANDSCAPE ARCHITECTURE
1515 1/2 Street
St. Louis, MO 63103
314.984.9887 tel /
www.colefirm.com

USER: Joe Horvath TAB: L1.0
DATE: February 8, 2023 - 10:32:20 AM
DRAWING: S:\085\job#2021\21-0128\CADD\C-Plan\PoolSheet\0_IPAL_LAND_21-0128.dwg
ELEV: 707.09'



3-STREAM TRASH N.T.S. **4**



SIGNAGE PLAN 1/4" = 1'-0" **1**

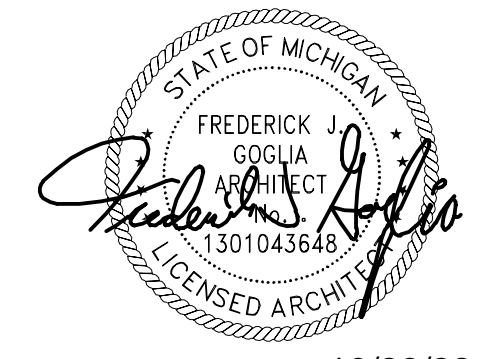
TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT
L201	Smoking	No Smoking or electronic cigarette use. This is a smoke free establishment	1/16 x 9 x 6	60" A.F.F.	4	1 at each exit 1 in each restroom
L202	Clean Restroom	To our customers: We check our restrooms every 30 minutes to make sure they are always ready for you. If we have missed something, please tell our manager on duty. Thank you	1/16 x 6 x 9	60" A.F.F.	2	1 inside each restroom (back of restroom door)
L203	Hand Wash Notice	Employees must wash hands before returning to work	1/16 x 6 x 6	60" A.F.F.	2	1 inside each restroom near sink
L204	Exit (w/ Braille)	Exit	1/16 x 6 x 6	60" A.F.F.	2	1 at each customer exit, mounted on wall, according to ADA guidelines
L205	Occupancy	Maximum occupancy xxx persons	1/16 x 6 x 6	48" A.F.F.	1	Near customer exit, only 1 is needed
L206	Men's Restroom Triangle (W/B)	INFOGRAPHIC of male	1/4 x 12 x 12	60" A.F.F.	1	Mounted on men's restroom door
L207	Men's Restroom (w/ Braille)	INFOGRAPHIC of male and braille to read: Men's restroom	1/4 x 10 x 6.5	60" A.F.F.	1	Mounted on wall next to restroom door. Refer to plans and ADA guidelines for exact location
L208	Women's Restroom Circle (W/B)	INFOGRAPHIC of female	1/4 x 12 x 12	60" A.F.F.	1	Mounted on women's restroom door
L209	Women's Restroom (w/ Braille)	INFOGRAPHIC of female and braille to read: Women's restroom	1/4 x 10 x 6.5	60" A.F.F.	1	Mounted on wall next to restroom door. Refer to plans and ADA guidelines for exact location
L233	If you need assistance? ADA	Please ask if you need assistance. And ADA infographic	1/16 x 3 x 6	---	1	At front counter near POS machine

STANDARD REQUIRED SIGNAGE **3**

TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT	LOCATION EQUIVALENT
L220	Landfill / Compost / Recycle	Landfill / Compost / Recycle	1/16 x 8.5 x 3	60" A.F.F.	SET OF 3	Mount on front doors of trash receptacle at top. MUST ALSO ORDER L222. Match label with shape on top of trash receptacle	L221 (use if restaurant is NOT COMPOSTING)
L221	Landfill / Plastic, Metal, Glass / Paper	Landfill / Plastic, Metal, Glass / Paper	1/16 x 8.5 x 3	60" A.F.F.	SET OF 3	Mount on front doors of trash receptacle at top. MUST ALSO ORDER L223. Match label with shape on top of trash receptacle	L220 (use if restaurant is COMPOSTING)

ALTERNATE SIGNAGE **2**

ARCVISION
INCORPORATED
 ARCHITECTURE • ENGINEERING • STORE PLANNING
 SAINT LOUIS • DALLAS / LAS VEGAS / ORLANDO
 1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
 PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com



10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHE
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL
 205 ANN ARBOR RD.
 PLYMOUTH, MI 48170



SIGNAGE PLAN

G4.0

RO SET ISSUED: 10.27.22



3 STREAM TRASH 1 - BIN LABELS (L220) 13



WOMEN RESTROOM WHITE SIGN (L208) 9



EXIT BRAILLE SIGN (L204) 5



NO SMOKING SIGN (L201) 1



3 STREAM TRASH 2 - LABELS (L221) 14



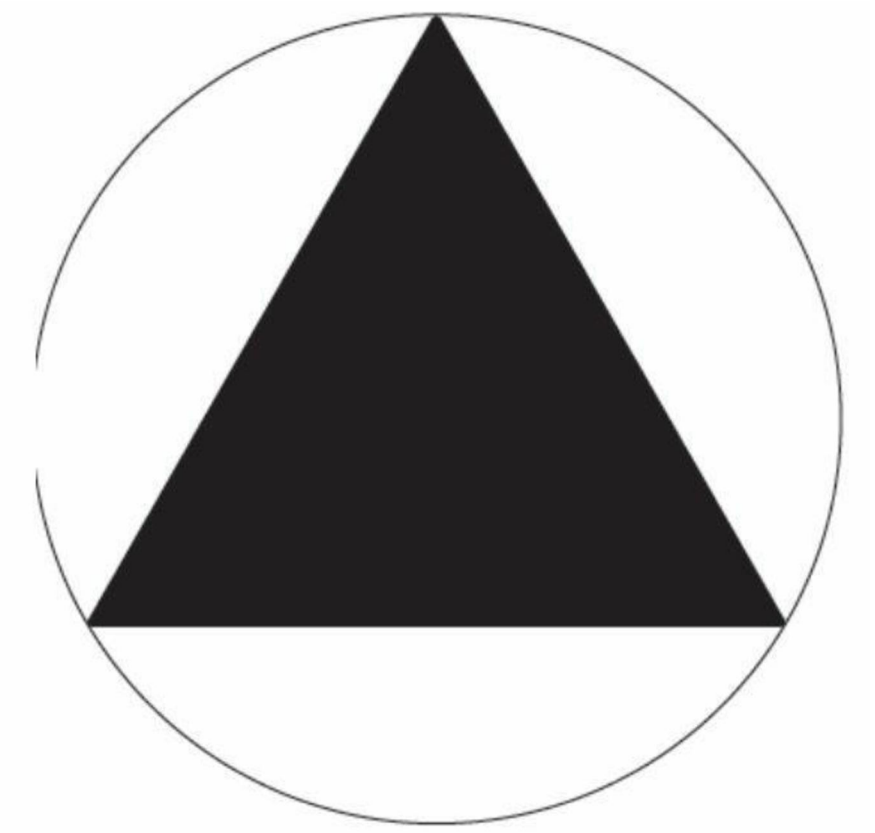
WOMEN RESTROOM BRAILLE SIGN (L209) 10



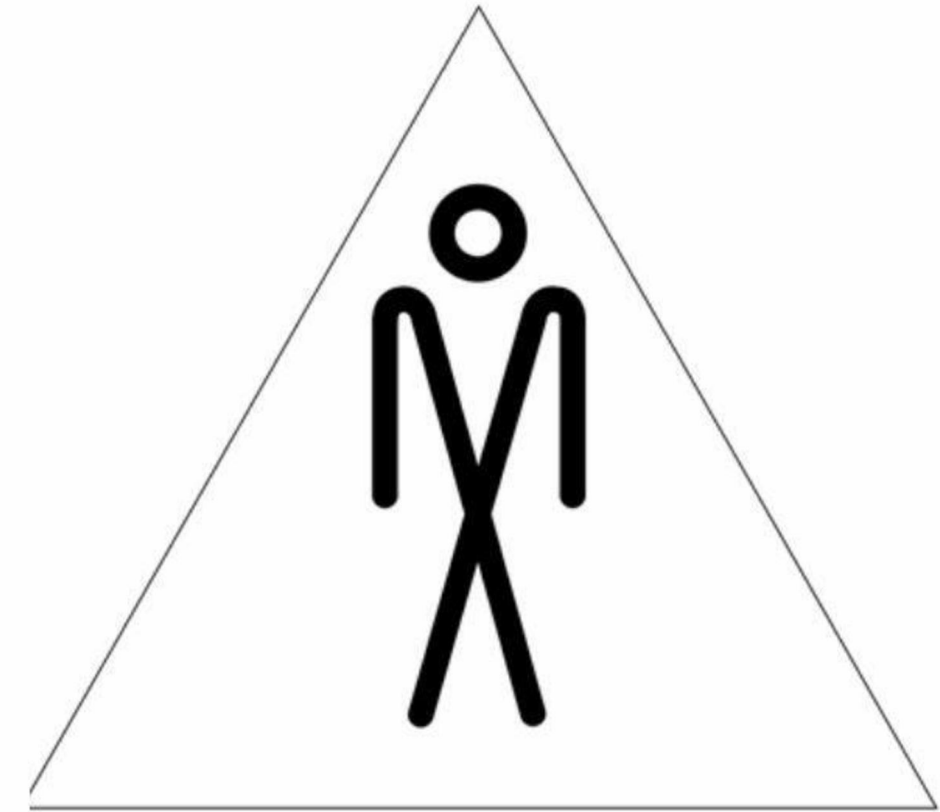
OCCUPANCY SIGN (L205) 6



Thank you



GENDER NEUTRAL RESTROOM SIGNAGE (L228) 11



MEN RESTROOM WHITE SIGN (L206) 7



IF YOU NEED ASSISTANCE (L233) 12



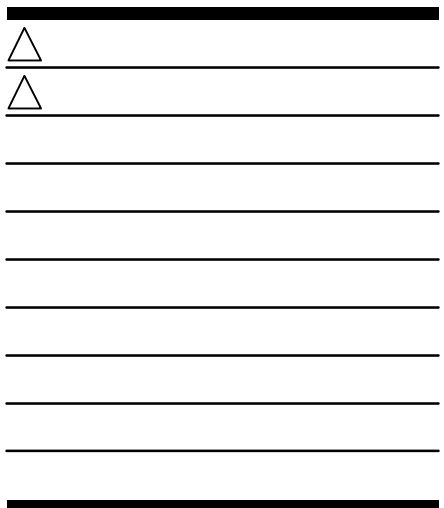
MEN RESTROOM BRAILLE SIGN (L207) 8



HAND WASH NOTICE SIGN (L203) 4



10/28/22



CONTRACT DATE: BUILDING TYPE: N2T-M7QHD PLAN VERSION: ENDEAVOR BRAND DESIGNER: FRANK WANCHO SITE NUMBER: 4986 ARCVISION NUMBER: 200370

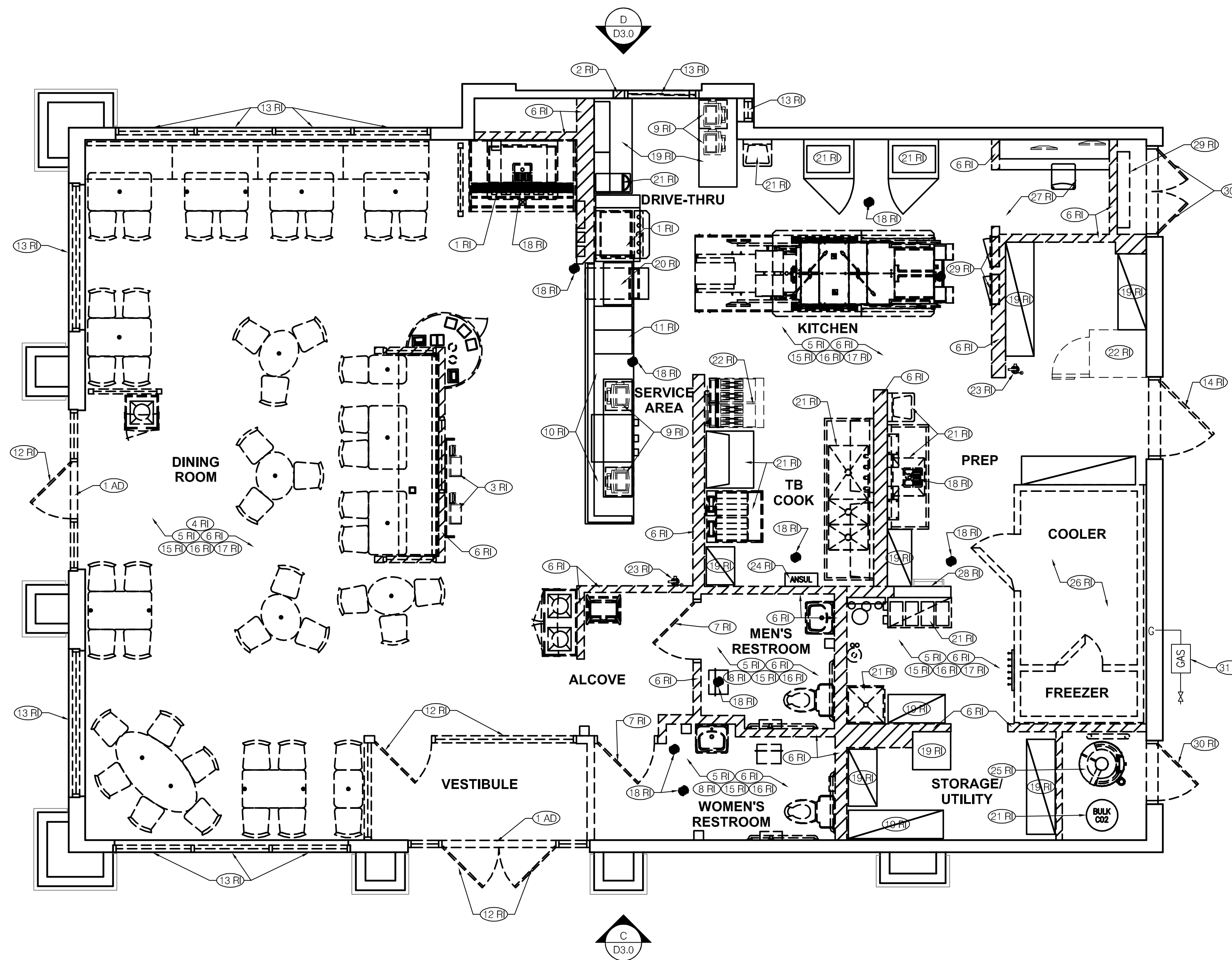
TACO BELL 205 ANN ARBOR RD. PLYMOUTH, MI 48170



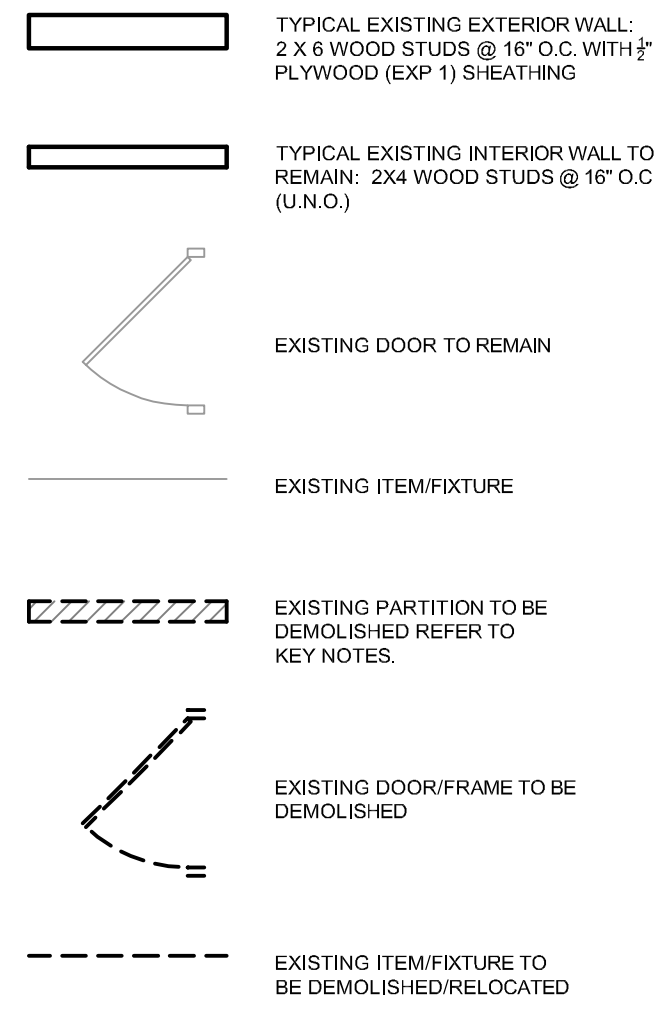
SIGNAGE DETAILS

G4.1

HU SET 1 ISSUED: 10.27.22



DEMO FLOOR PLAN 1/4" = 1'-0" **A**



DEMOLITION LEGEND **D**

- A.** INSPECT INTERIOR AND EXTERIOR WALLS. REPLACE ANY DAMAGED SUBSTRATE AT WALLS ETC. INSPECT DINING ROOM WINDOWS & WALLS BELOW WINDOWS FOR EVIDENCE OF MOISTURE DAMAGE & IMPROPERLY INSTALLED FLASHING; REPAIR AS REQUIRED. VERIFY WITH OWNER.
- B.** ROOF RECOMMENDATIONS: INSPECTION OF EXISTING ROOF BY QUALIFIED ROOFER IS RECOMMENDED. REPLACE ROOF IF WARRANTED. VERIFY ALL ACTIONS WITH OWNER.
- C.** SEE SITE PLAN FOR ANY SITE DEMO WORK.
- D.** POS, SECURITY, SAFE DRINK SYSTEM AND FRUITISTA MACHINE SHALL BE TEMPORARILY RELOCATED PER STORE MANAGERS DIRECTION BY AUTHORIZED TECHNICIANS. OWNER SHALL COORDINATE. SEE 3RD PARTY SCOPE OF WORK.
- E.** TABLES AND CHAIRS ARE FIXED ELEMENTS AND REMOVAL/DEMOLITION WILL REQUIRE UNBOLTING AND/ OR CUTTING/ CHIPPING OF EMBEDDED ELEMENTS IN THE SLAB. CONTRACTOR SHALL CAREFULLY SURVEY THE TABLES AND CHAIRS AND INCLUDE PROPER MEANS AND METHODS FOR COMPLETE REMOVAL OF FURNITURE AND PATCHING OF SLAB OR OTHER BUILDING ELEMENTS AND FINISHES AS REQUIRED.

DEMOLITION NOTES **C**

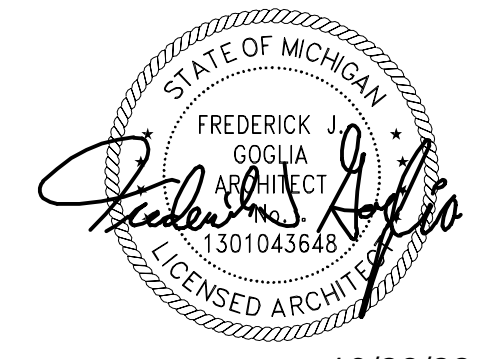
REMODEL IMAGE (RI)

- (1 RI)** EXISTING SELF SERVE DRINK TABLE & ICE MACHINE TO BE REMOVED BY G.C. PEPSI MACHINES TO BE REMOVED BY PEPSI TECHNICIAN. REFER TO SEATING AND EQUIPMENT PLAN A2.0 FOR ADDITIONAL INFORMATION.
- (2 RI)** PORTION OF EXISTING WALL TO BE REMOVED FROM TOP OF EXISTING SILL TO TOP OF HEADER OPENING. PATCH & REPAIR EXISTING ADJACENT SURFACES. PREPARE AREAS TO RECEIVE NEW FINISHES. REFER TO DEMO EXTERIOR ELEVATIONS D3.0 FOR ADDITIONAL INFORMATION.
- (3 RI)** REMOVE EXISTING KIOSKS, STORE AND SAVE FOR RE-INSTALLATION. REFER TO SEATING AND EQUIPMENT PLAN A2.0 FOR ADDITIONAL INFORMATION.
- (4 RI)** REMOVE AND DISCARD ALL DINING AREA SEATS, TABLES, CORED DRILLED POST, ARTWORK, TRASH ENCLOSURES, HIGHCHAIRS, BANQUETTE WALL, DIVIDER PANELS & CONDIMENT TABLE.
- (5 RI)** REMOVE ALL EXISTING TILE FLOORING & COVE BASE IN DINING AREA, VESTIBULE, ALCOVE, WOMEN & MEN'S RESTROOM, SERVICE AREA, AND THROUGHOUT BOH.
- (6 RI)** REMOVE FINISHES ON ALL INTERIOR AND EXTERIOR WALLS FOH AND BOH THROUGHOUT THE BUILDING. INTERIOR WALLS TO BE REMOVED (HATCHED), U.N.O. REFER TO FLOOR PLAN A1.0 FOR ADDITIONAL INFORMATION.
- (7 RI)** REMOVE EXISTING INTERIOR DOOR AND FRAME. REFER TO FLOOR PLAN A1.0 FOR ADDITIONAL INFORMATION.
- (8 RI)** REMOVE AND DISCARD ALL RESTROOM FIXTURES AND ACCESSORIES. WALL TILE TO BE REMOVED. REFER TO RESTROOM PLAN A8.2 FOR ADDITIONAL INFORMATION.
- (9 RI)** ALL POS EQUIPMENT AT SERVICE COUNTER AND DRIVE-THRU TO BE DISCONNECTED AND STORED BY PAR TECHNICIAN PRIOR TO CONSTRUCTION.
- (10 RI)** EXISTING SERVICE COUNTER STRUCTURE AND SHROUD TO BE REMOVED COMPLETELY. REFER TO EQUIPMENT AND SEATING PLAN A2.0 FOR ADDITIONAL INFORMATION.
- (11 RI)** SAFE TO BE DISCONNECTED AND RELOCATED BY BRINKS TECHNICIAN. TO REMAIN OPERATIONAL DURING CONSTRUCTION COORDINATE WITH TB OPERATIONS.
- (12 RI)** REMOVE STOREFRONT SYSTEM. REFER TO FLOOR PLAN A1.0 AND DOOR & WINDOW SCHEDULE A1.1 FOR ADDITIONAL INFORMATION.
- (13 RI)** EXISTING WINDOW AND FRAME TO BE REMOVED. REMOVE SOLID SURFACE WINDOW SILLS. REFER TO FLOOR PLAN A1.0 AND DOOR & WINDOW SCHEDULE A1.1 FOR ADDITIONAL INFORMATION.
- (14 RI)** REMOVE EXISTING H.M. DOOR AND FRAME. REFER TO FLOOR PLAN A1.0 AND DOOR & WINDOW SCHEDULE A1.1 FOR ADDITIONAL INFORMATION.
- (15 RI)** REMOVE ALL ELECTRIC WIRING AND DATA THROUGHOUT THE BUILDING TO PREP FOR NEW WIRING. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (16 RI)** PATCH AND REPAIR CONCRETE SLAB THROUGHOUT AS REQUIRED, PREP FOR NEW FLOOR FINISHES.
- (17 RI)** REMOVE ANY REMAINING SUBSTRATE TO THE STUD ON ALL EXTERIOR WALLS. ALL EXTERIOR WALLS AND ROOF STRUCTURE TO BE TO INSPECTED AND NOTIFY CONSTRUCTION MANAGER OF REQUIRED REPAIRS. REMOVE EXISTING INSULATION AND PREP FOR NEW INSULATION AFTER INSPECTION AND NECESSARY REPAIRS.
- (18 RI)** EXISTING FLOOR SINK/DRAIN TO BE REMOVED. ALL PLUMBING TO BE CLEANED AND SCOPED TO CONFIRM CONDITION. NOTIFY CONSTRUCTION MANAGER OF REQUIRED REPAIRS. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- (19 RI)** EXISTING DRIVE THRU WORK TABLES, UNDER COUNTER CABINETS, CUP DISPENSER, & ALL SHELVES THROUGHOUT BOH TO BE REMOVED. REFER TO SEATING & EQUIPMENT PLAN A2.0 FOR ADDITIONAL INFORMATION.
- (20 RI)** EXISTING ICEE MACHINE TO BE RELOCATED BY AUTHORIZED ICEE TECHNICIAN. REFER TO SEATING AND EQUIPMENT PLAN A2.0 FOR ADDITIONAL INFORMATION.
- (21 RI)** EXISTING BOH EQUIPMENT TO BE REMOVED, U.N.O. COORDINATE WITH OPERATIONS.
- (22 RI)** EXISTING BOH EQUIPMENT TO BE REMOVED AND SAVED FOR RELOCATION. REFER TO SEATING AND EQUIPMENT PLAN A2.0 FOR ADDITIONAL INFORMATION.
- (23 RI)** EXISTING FIRE EXTINGUISHER TO BE REMOVED & SAVED FOR RE-LOCATION. REFER TO FLOOR PLAN A1.0 FOR ADDITIONAL INFORMATION.
- (24 RI)** ANSUL SYSTEM TO BE REMOVED AND SAVED FOR REINSTALLATION. REFER TO SEATING AND EQUIPMENT PLAN A7.2 FOR ADDITIONAL INFORMATION.
- (25 RI)** REMOVE AND REPLACE WATER HEATER. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- (26 RI)** EXISTING WALK-IN COOLER/FREEZER, ALL CONNECTING EQUIPMENT AND SHELVING TO BE REMOVED. REFER TO SEATING & EQUIPMENT PLAN A2.0 FOR ADDITIONAL INFORMATION.
- (27 RI)** EXISTING OFFICE COUNTERTOP & SHELVING TO BE REMOVED. PC AND TABLET TO BE DISCONNECTED AND SAVED FOR REINSTALLATION BY PAR TECHNICIAN. REFER TO OFFICE PLAN A8.3 FOR ADDITIONAL INFORMATION.
- (28 RI)** EXISTING WALL AND LADDER TO REMAIN AS IS. TO BE FLUSH WITH NEW FINISHED SURFACES.
- (29 RI)** EXISTING ELECTRIC PANELS TO BE REMOVED. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (30 RI)** REMOVE EXTERIOR DOOR AND FRAME. REFER TO EXTERIOR ELEVATIONS A4.0 AND A4.1 FOR ADDITIONAL INFORMATION.
- (31 RI)** EXISTING GAS METER TO BE REMOVED AND RELOCATED. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.

DEMOLITION KEY NOTES **B**

- ADA NOTES (AD)**
- (1 AD)** REMOVE EXISTING THRESHOLD. REFER TO FLOOR PLAN A1.0 FOR ADDITIONAL INFORMATION.

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 1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
 PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com



10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHE
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL

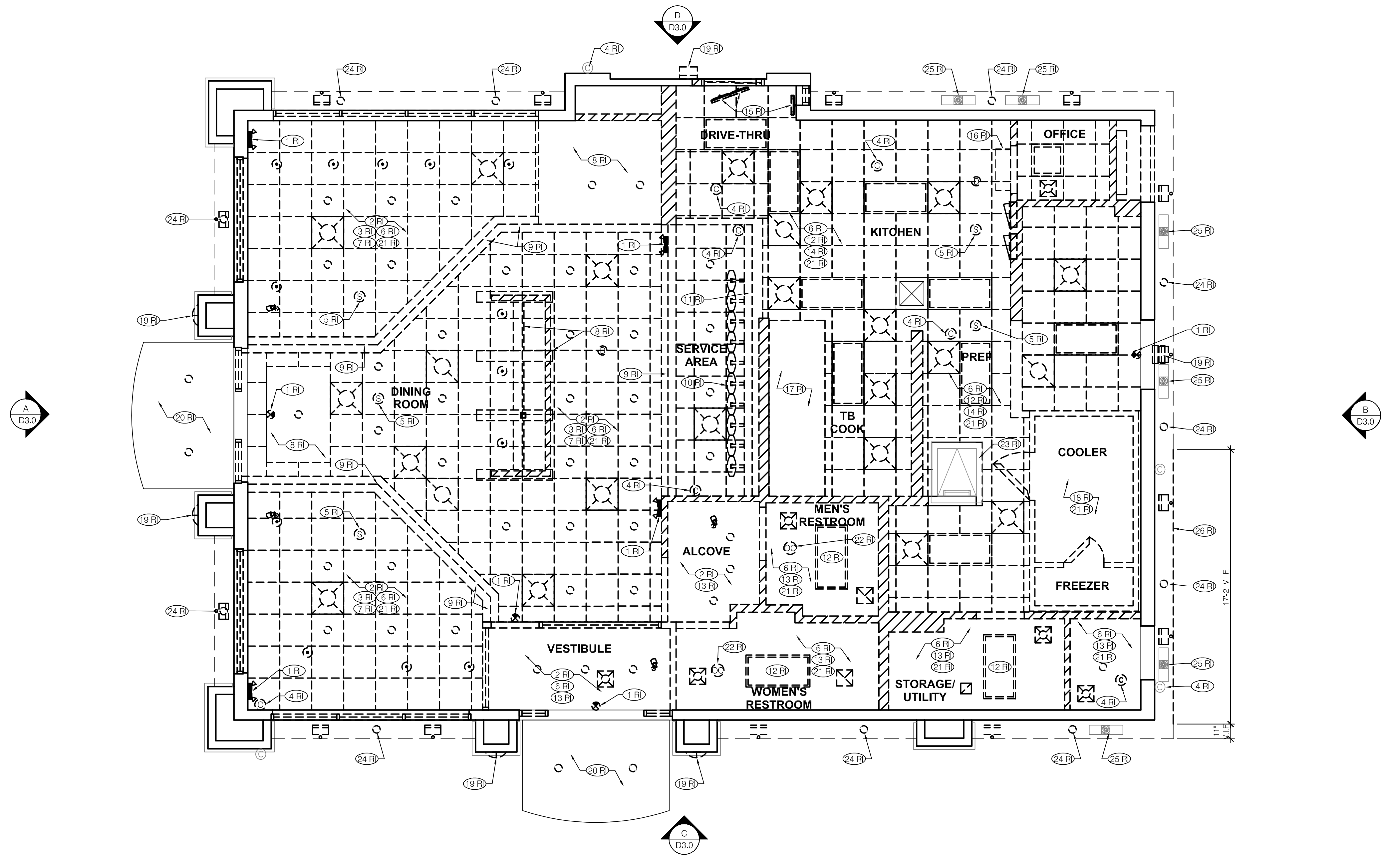
205 ANN ARBOR RD.
 PLYMOUTH, MI 48170



DEMOLITION FLOOR PLAN

D1.0

RS SET ISSUED: 10.27.22



DEMOLITION REFLECTED CEILING PLAN 1/4" = 1'-0" **A**

RCP - EXISTING	RCP - DEMO		
		BOH 2X4 LED FIXTURE	AREA OF WORK
		PENDANT FIXTURE	TYPICAL EXISTING EXTERIOR WALL: 2 X 6 WOOD STUDS @ 16" O.C. WITH 3/4" PLYWOOD (EXP 1) SHEATHING
		EXISTING DOWNLIGHT FIXTURE	TYPICAL EXISTING INTERIOR WALL TO REMAIN: 2X4 WOOD STUDS @ 16" O.C. (U.N.O.)
		HVAC SUPPLY DIFFUSER	EXISTING PARTITION TO BE DEMOLISHED REFER TO KEY NOTES.
		HVAC RETURN GRILL	EXISTING ITEM/FIXTURE
		HVAC SUPPLY DIFFUSER	EXISTING ITEM/FIXTURE TO BE DEMOLISHED
		HVAC RETURN GRILL	X-XX° CEILING HEIGHT TAG
		EMERGENCY LIGHTS	X-# FINISH TAG
		EMERGENCY LIGHTS	
		SPEAKER	
		CAMERA	
		DATA/WIFI ROUTER	

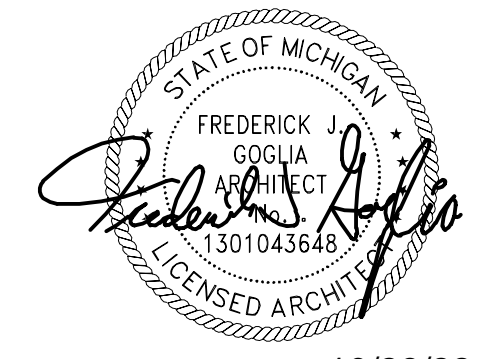
REMODEL IMAGE (RI)

- (1 RI) REMOVE EXISTING EMERGENCY EGRESS/EXIT LIGHTING. REFER TO REFLECTED CEILING PLAN A7.1 FOR ADDITIONAL INFORMATION.
- (2 RI) REMOVE ALL EXISTING DOWN LIGHTING & ACCENT LIGHTING IN DINING ROOM, VESTIBULE, ALCOVE, AND SERVICE AREA. REFER TO REFLECTED CEILING PLAN A7.1 FOR ADDITIONAL INFORMATION.
- (3 RI) ALL EXISTING PENDANT LIGHTS TO BE REMOVED IN DINING AREA. REFER TO REFLECTED CEILING PLAN A7.1 FOR ADDITIONAL INFORMATION.
- (4 RI) EXISTING SECURITY CAMERAS AND DATA TO BE REMOVED AND SAVED FOR RE-INSTALLATION. REFER TO REFLECTED CEILING PLAN A7.1 FOR ADDITIONAL INFORMATION.
- (5 RI) EXISTING SPEAKER TO BE REMOVED AND SAVED FOR RE-INSTALLATION. REFER TO REFLECTED CEILING PLAN A7.1 FOR ADDITIONAL INFORMATION.
- (6 RI) REMOVE ALL EXISTING GRILLES/DIFFUSERS THROUGHOUT. REPLACE ALL FLEX DUCT, HARD DUCTS TO REMAIN AND CLEAN. REFER TO REFLECTIVE CEILING PLAN A7.1 AND MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- (7 RI) REMOVE EXISTING CEILING TILES AND GRID IN DINING ROOM AND SERVICE AREA. REFER TO REFLECTED CEILING PLAN A7.1 AND FINISH LEGEND & SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.
- (8 RI) EXISTING DECORATIVE SOFFIT TO BE REMOVED.
- (9 RI) EXISTING STEPPED SOFFIT TO BE REMOVED.
- (10 RI) G.C. TO COORDINATE WITH AUTHORIZED TECHNICIAN FOR REMOVAL OF EXISTING MENU BOARDS AND STORE DURING CONSTRUCTION UNTIL NEW MENU BOARDS ARE DELIVERED. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION FOR NEW MENU BOARD INSTALLATION REQUIREMENTS.
- (11 RI) EXISTING BULKHEAD SOFFIT TO BE REMOVED. REFER TO REFLECTIVE CEILING PLAN A7.1 FOR ADDITIONAL INFORMATION.
- (12 RI) REMOVE EXISTING 2 X 4 LIGHTS. REFER TO ELECTRICAL PLANS AND REFLECTED CEILING PLAN A7.1 FOR ADDITIONAL INFORMATION.
- (13 RI) EXISTING GYPSUM BOARD CEILING TO BE REMOVED IN RESTROOMS, VESTIBULE, ALCOVE, STORAGE, AND UTILITY AREA. REFER TO REFLECTIVE CEILING PLAN A7.1 FOR ADDITIONAL INFORMATION.
- (14 RI) EXISTING BOH CEILING GRID AND TILES TO BE REMOVED. REFER TO REFLECTED CEILING PLAN A7.1 FOR ADDITIONAL INFORMATION.
- (15 RI) EXISTING KITCHEN MONITORS TO BE REMOVED AND SAVED FOR REINSTALLATION BY PAR TECHNICIAN PRIOR TO CONSTRUCTION. REFER TO CEILING PLAN A7.1 FOR ADDITIONAL INFORMATION.
- (16 RI) EXISTING WALL MOUNTED AIR HANDLING UNIT TO BE RELOCATED/REINSTALLED AFTER NEW CONSTRUCTION. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- (17 RI) EXISTING HOOD AND FAN TO BE REMOVED. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- (18 RI) EXISTING WALK-IN COOLER EQUIPMENT TO BE REMOVED COMPLETELY.
- (19 RI) REMOVE EXISTING EXTERIOR LIGHT FIXTURE. REMOVE WIRING BACK TO SOURCE OR NEAREST JBOX.
- (20 RI) EXISTING CANOPY TO BE RE-FINISHED, SIGN VENDOR TO PROVIDE OPTIONS TO OWNER'S REPRESENTATIVE. LIGHTING TO BE UPGRADED TO LED.
- (21 RI) REMOVE AND REPLACE ALL EXISTING ELECTRIC WIRING THROUGHOUT THE BUILDING. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (22 RI) NEW OCCUPANCY SENSOR IN RESTROOMS. REFER TO REFLECTIVE CEILING PLANS A7.1 FOR ADDITIONAL INFORMATION.
- (23 RI) EXISTING SOFFIT TO REMAIN AT ROOF ACCESS.
- (24 RI) ALL EXISTING EXTERIOR DOWN LIGHTING IN SOFFIT TO BE REMOVED AND REPLACED WITH NEW LED. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (25 RI) ROOF DRAINS TO BE CLEANED AND SCOPED.
- (26 RI) PART OF EXTERIOR SOFFIT TO BE MODIFIED FOR NEW COOLER/FREEZER INSTALLATION. G.C. VERIFY DIMENSIONED AREA IN FIELD. REFER TO EXTERIOR ELEVATIONS A4.0 AND A4.1 FOR ADDITIONAL INFORMATION.

LEGEND **C**

DEMOLITION KEY NOTES **B**

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10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M7QHD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHE
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL

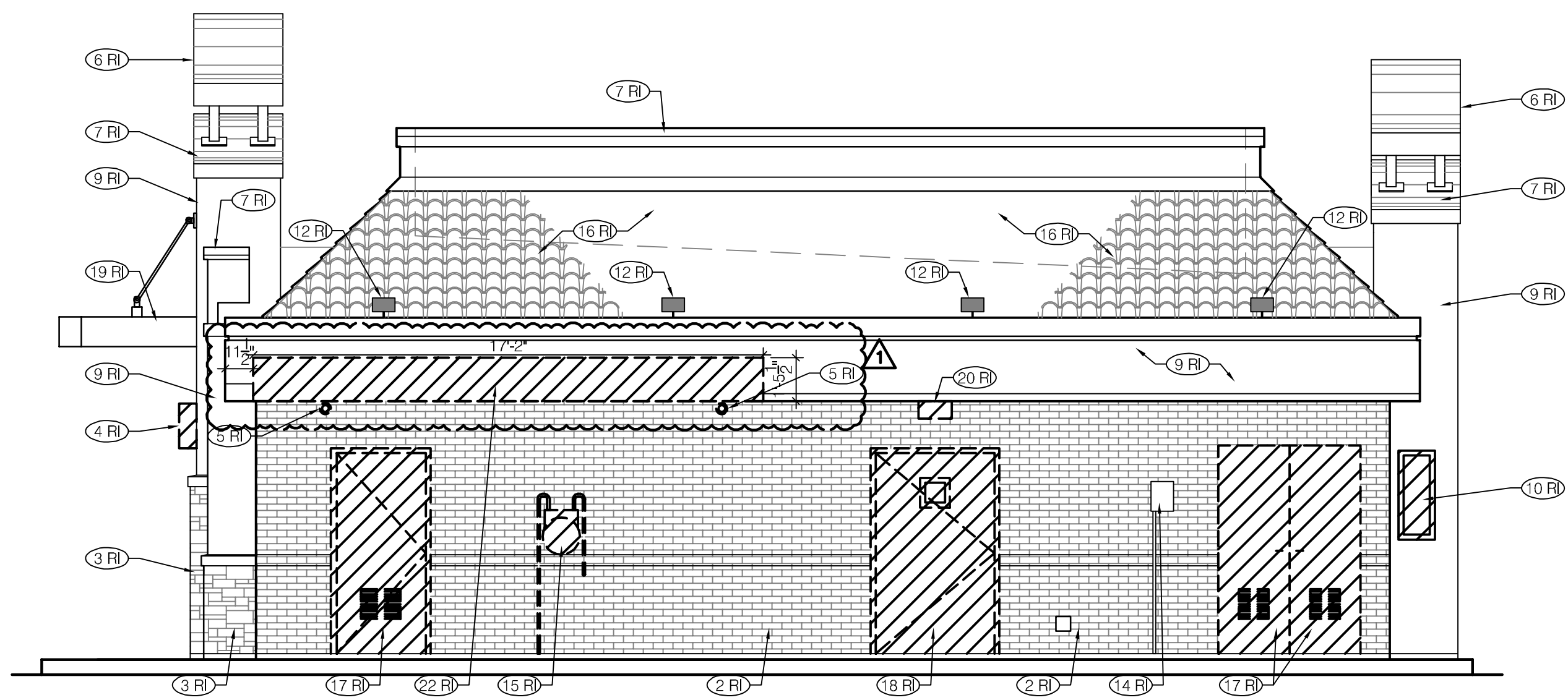
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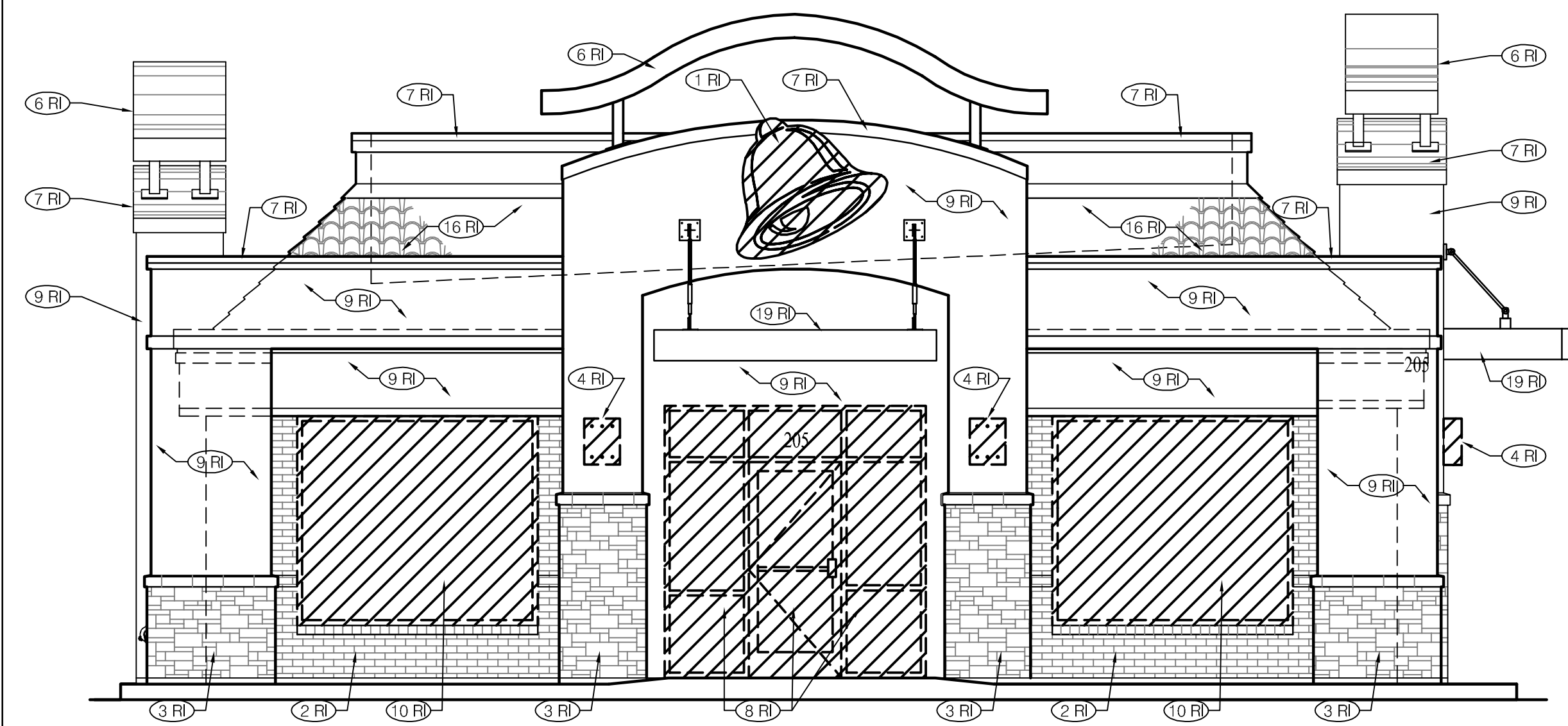
DEMOLITION REFLECTED CEILING PLAN

D2.0

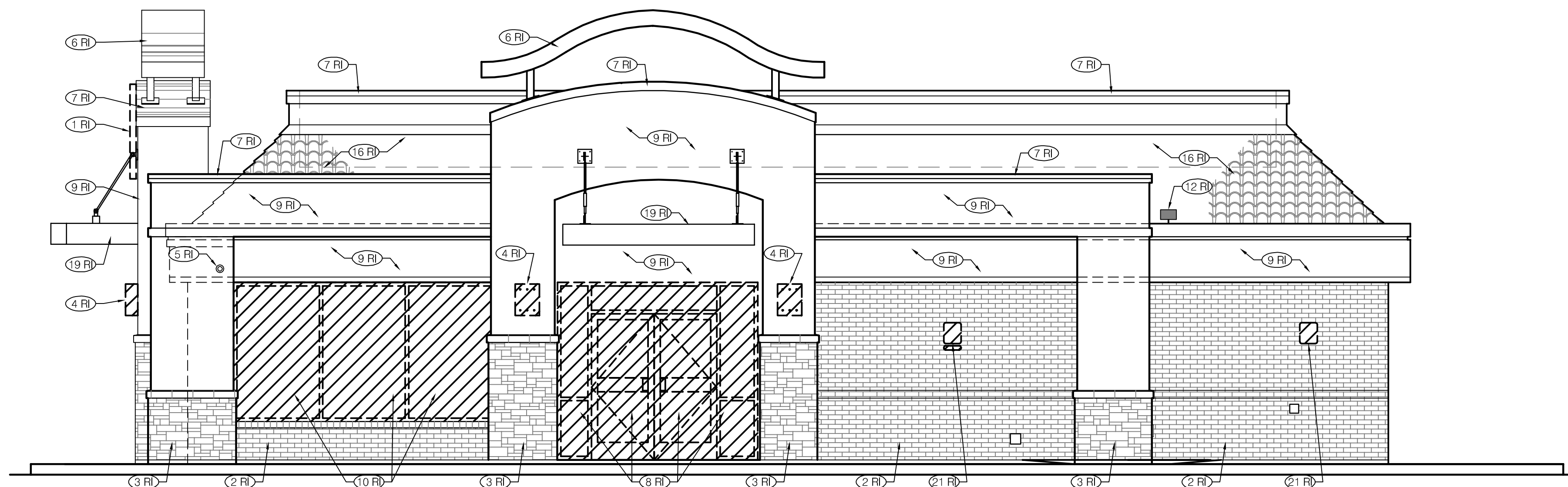
RO SET ISSUED: 10.27.22



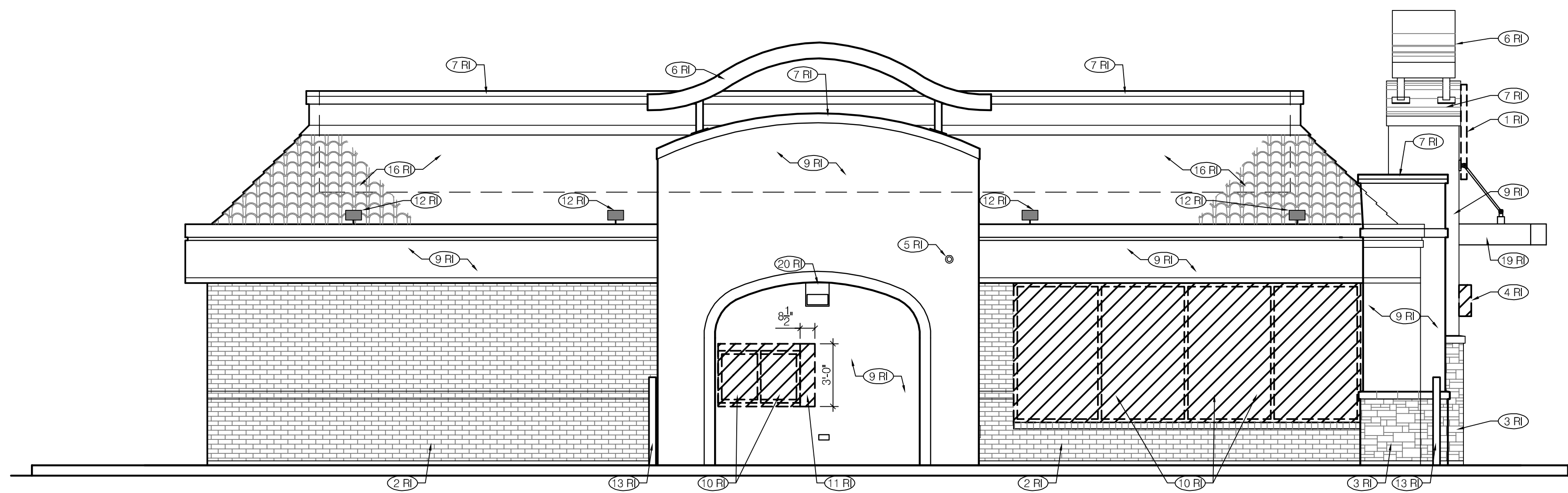
REAR ELEVATION 1/4" = 1'-0" **B**



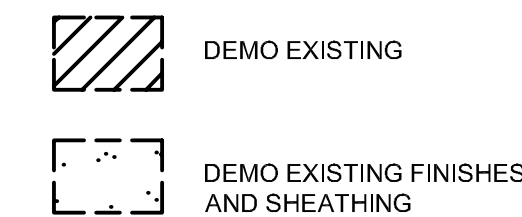
FRONT ELEVATION 1/4" = 1'-0" **A**



SIDE ENTRY ELEVATION 1/4" = 1'-0" **C**



DRIVE-THRU SIDE ELEVATION 1/4" = 1'-0" **D**



DEMOLITION LEGEND **E**

REMODEL IMAGE (RI)

- 1 RI SIGN VENDOR TO REMOVE EXISTING BUILDING SIGN IF OLDER STYLE IS PRESENT.
- 2 RI EXISTING BRICK TO REMAIN, PROTECT DURING CONSTRUCTION. CLEAN, PATCH AND REPAIR AS REQUIRED.
- 3 RI EXISTING STONE TO REMAIN. PROTECT DURING CONSTRUCTION. PATCH AND REPAIR AS REQUIRED.
- 4 RI REMOVE EXISTING EXTERIOR LIGHT FIXTURE. REFER TO EXTERIOR ELEVATIONS A4.0 & A4.1 AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- 5 RI REMOVE EXISTING CAMERAS AND SAVE FOR RE-INSTALLATION. REFER TO EXTERIOR ELEVATIONS A4.0 & A4.1 FOR ADDITIONAL INFORMATION.
- 6 RI EXISTING 'FLYING ARCH' TO REMAIN. DO NOT PAINT, CLEAN AS NEEDED.
- 7 RI EXISTING PARAPET CAP TO REMAIN. PREP FOR PAINT. REFER TO EXTERIOR ELEVATIONS A4.0 & A4.1 FOR ADDITIONAL INFORMATION.
- 8 RI EXISTING STOREFRONT SYSTEM TO BE REMOVED. REFER TO FLOOR PLAN A1.0 AND EXTERIOR ELEVATIONS A4.0 & A4.1 ADDITIONAL INFORMATION.
- 9 RI EXISTING BUILDING FINISHES TO REMAIN, TYP. PATCH AND REPAIR AS REQUIRED TO MATCH EXISTING. PREP SURFACE FOR NEW PAINT. REFER TO EXTERIOR ELEVATIONS A4.0 & A4.1 FOR ADDITIONAL INFORMATION.
- 10 RI EXISTING WINDOW & FRAME TO BE REMOVED. REFER TO FLOOR PLAN A1.0 AND EXTERIOR ELEVATIONS A4.0 & A4.1 FOR ADDITIONAL INFORMATION.
- 11 RI PORTION OF EXISTING EXTERIOR WALL TO BE REMOVED FOR NEW DRIVE-THRU WINDOW. PREP FOR NEW CONSTRUCTION. REFER TO FLOOR PLAN A1.0 AND EXTERIOR ELEVATIONS A4.0 & A4.1 FOR ADDITIONAL INFORMATION.
- 12 RI ALL EXISTING MANSARD LIGHTS TO BE REMOVED AND REPLACED WITH NEW LED LIGHTING. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- 13 RI EXISTING BOLLARD TO REMAIN.
- 14 RI EXISTING ELECTRICAL EQUIPMENT TO REMAIN. PREP FOR PAINT.
- 15 RI EXISTING GAS METER TO BE RELOCATED. REFER TO FLOOR PLAN A1.0 AND PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- 16 RI EXISTING CLAY TILE ROOFING TO REMAIN. PRESSURE WASH CLEAN AND REPLACE ANY DAMAGED TILES TO MATCH EXISTING.
- 17 RI EXISTING DOOR TO BE REMOVED COMPLETELY, PREP FOR NEW CONSTRUCTION TO MODIFY OPENING. REFER TO FLOOR PLAN A1.0 FOR ADDITIONAL INFORMATION.
- 18 RI EXISTING H.M. SERVICE DOOR AND FRAME TO BE REMOVED. REFER TO FLOOR PLAN A1.0 AND EXTERIOR ELEVATIONS A4.0 & A4.1 FOR ADDITIONAL INFORMATION.
- 19 RI EXISTING METAL CANOPY TO REMAIN.
- 20 RI EXISTING EXTERIOR EGRESS LIGHT TO BE REMOVED.
- 21 RI REMOVE EXISTING ADA PARKING SIGNS FROM BUILDING.
- 22 RI REMOVE PORTION OF EXISTING SOFFIT TO PROVIDE CLEARANCE FOR NEW WALK-IN COOLER/FREEZER. RE-FRAME TO PROVIDE CONTINUATION OF ADJACENT FINISHES. REFER TO EXTERIOR ELEVATIONS A4.0 AND A4.1 FOR ADDITIONAL INFORMATION.

KEY NOTES **F**



2/9/23

02.08.23 PLANNING COMMENTS

CONTRACT DATE:
 BUILDING TYPE: N2T-M7QHD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHE
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL

205 ANN ARBOR RD.
 PLYMOUTH, MI 48170



DEMOLITION EXTERIOR ELEVATIONS

D3.0

RS SET ISSUED: 10.27.22

ABBREVIATIONS	ABBREV
NOTE: ABBREVIATIONS MAY OR MAY NOT HAVE PERIODS, BUT SHALL BE READ AS SAME.	
A.B.	ANCHOR BOLT
A.B.C.	AGGREGATE BASE COURSE
ACI	AMERICAN CONCRETE INSTITUTE
A/C	AIR CONDITIONER
A.F.F.	ABOVE FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ALT.	ALTERNATE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
ARCH'L	ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
A.W.H.S.	AUTOMATIC WELDED HEADED STUDS
A.W.T.S.	AUTOMATIC WELDED THREADED STUDS
BM	BENCHMARK
B.F.F.	BELOW FINISHED FLOOR
BLK	BLOCK
B.O.A.D.	BELOW GRADE, FINISHED GRADE IS DEFINED AS TOP OF SLAB FOR INTERIOR FOOTINGS AND LOWEST ADJACENT GRADE WITHIN 5 FEET FOR PERIMETER FOOTINGS. DESIGN SOIL BEARING VALUE = 1500 PSF. GEOTECHNICAL ENGINEER SHALL INSPECT FOUNDATION EXCAVATIONS PRIOR TO PLACEMENT OF CONCRETE.
B.O.D.	BOTTOM OF DECK
B.O.F.	BOTTOM OF FOOTING
BRC	BEARING RIB
C	CAMBER
C.C.	CENTERLINE TO CENTERLINE
CFS	COLD FORMED STEEL
C.G.	CENTER OF GRAVITY
C.I.P.	CAST IN PLACE
C.L.	CENTERLINE
C.L.B.	CENTERLINE OF BEAM
C.L.C.	CENTERLINE OF COLUMN
C.L.F.	CENTERLINE OF FOOTING
C.L.W.	CENTERLINE OF WALL
CLR	CLEAR
CONC	CONCRETE
CONC	CONCRETE CONTAINING CHLORIDES SHALL NOT BE USED. NO OTHER ADMIXTURES PERMITTED WITHOUT APPROVAL. FOR CONCRETE WITHOUT PLASTICIZER, MAXIMUM SLUMP 4 1/2" AT POINT OF PLACEMENT U.N.O. IF PLASTICIZER IS USED, A HIGHER FINAL SLUMP MAY BE ALLOWED UPON STRUCTURAL ENGINEER'S APPROVAL.
CONC S.J.	CONCRETE SAWCUT JOINT
C.M.U.	CONCRETE MASONRY UNIT
CONN	CONNECTION
CONT	CONTINUOUS
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
D.F. (D.F.L)	DOUGLAS FIR LARCH
DL	DEAD LOAD
DN	DOWN
DIAMETER	DIAMETER
DN	DOWN
DWG(S)	DRAWING(S)
E.C.	END TO CENTERLINE
E.E.	END END
E.O.S.	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
EXP. BOLT (E.B.)	EXPANSION BOLT
EXP. JT (E.J.)	EXPANSION JOINT
E.W.	EACH WAY
F	FINISHED FLOOR
F.O.M.	FACE OF MEMBER
F.O.S.	FACE OF STEEL
F.O.W.	FACE OF WALL
GA	GAGE (UNIT OF MEASUREMENT)
GALV	GALVANIZED
G.S.N.	GENERAL STRUCTURAL NOTES
GLB (GLULAM)	GLUED-LAMINATED BEAM
H.F.	HEM FIR
HORIZ	HORIZONTAL REINFORCING
H.S.	HEADED STUDS
IBC	INTERNATIONAL BUILDING CODE
ICBO	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
ICC	INTERNATIONAL CODE COUNCIL
ICF	INSULATED CONCRETE FORMS
I.F.W.	INTERIOR FINISHED WALL
I.O.D.	INTERPRETATION OF DRAWINGS
JST	JOIST
K(P)	1000 POUNDS
KLF	KIPS PER LINEAR FOOT
LBS (#)	POUNDS
LGR	LONG GRAIN LUMBER
LGS	LIGHT GAGE STEEL
LGSEA	LIGHT GAGE STEEL ENGINEERS ASSOCIATION
L.O.D.	LOCATION OF DETAILS
LL	LIVE LOAD
L.H.	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
MAS	MASONRY
MAS C.J.	MASONRY CONTROL JOINT
MAX	MAXIMUM
MBMA	METAL BUILDING MANUFACTURERS ASSOCIATION
MECH'L	MECHANICAL
MFR'D	MANUFACTURED
MFR'(S)	MANUFACTURER(S)
MIN	MINIMUM
N/A	NOT APPLICABLE
N.T.S.	NOT TO SCALE
NI	NO INFORMATION
O.F.W.	OUTSIDE FACE OF WALL
OPP	OPPOSITE
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PAF	POWDER ACTUATED FASTENER
PDPAT	SIMPSON POWDER DRIVEN PIN
P.T.	POST-TENSIONED
PDPT	SIMPSON POWDER DRIVEN PIN WITH TOP HAT (0.300" HEAD)
PCI	PRECAST/PRESTRESSED CONCRETE INSTITUTE
P.C.	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PLF	POUNDS PER LINEAR FOOT
PLUS OR MINUS	PLUS OR MINUS
PREFAB	PREFABRICATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POST-TENSIONED
PTI	POST-TENSIONING INSTITUTE
REINF	REINFORCING
SDI	STEEL DECK INSTITUTE
SH	SHORT LEG HORIZONTAL
SLV	SHORT LEG VERTICAL
S.J.	STEEL JOIST INSTITUTE
SIM	SIMILAR
SQ	SQUARE
SSMA	STEEL STUD MANUFACTURERS ASSOCIATION
STD	STANDARD
STL	STEEL
T.O.T.	TOTAL LOAD
T.O.B.	TOP OF BEAM
T.O.C.T.	TOP OF CONCRETE TOPPING
T.O.D.	TOP OF DECK
T.O.F.	TOP OF FOOTING
T.O.L.	TOP OF LEDGER
T.O.M.	TOP OF MASONRY
T.O.P.	TOP OF PLATE
T.O.P.C.	TOP OF PRECAST CONCRETE
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TRUSS	TRUSS
TRUSS PLATE	TRUSS PLATE INSTITUTE
TYP	TYPICAL
T&G	TONGUE AND GROOVE
UBC	UNIFORM BUILDING CODE
U.N.O.	UNLESS NOTED OTHERWISE
VER	VERTICAL REINFORCING
WCLA	WEST COAST LUMBER ASSOCIATION
WCLIB	WEST COAST LUMBER INSPECTION BUREAU
W.F.	WELDED WIRE FABRIC
WPFA	WESTERN WOOD PRODUCTS ASSOCIATION
W	WATER
W/C	WATER TO CEMENT RATIO
W/O	WITHOUT

GENERAL STRUCTURAL NOTES

BUILDING CODE:
2015 EDITION OF THE MICHIGAN BUILDING CODE AND STANDARDS REFERENCED THEREIN.

LOADS:
LATERAL:
WIND:
ULTIMATE DESIGN WIND SPEED (3-SECOND GUST), V_(H) = 115 MPH.
RISK CATEGORY, II
EXPOSURE C

SEISMIC:
RISK CATEGORY, II
SEISMIC IMPORTANCE FACTOR, I = 1.0
MAPPED SHORT PERIOD SPECTRAL ACCELERATION, S_a = 0.093
MAPPED ONE SECOND SPECTRAL ACCELERATION, S₁ = 0.047
SOIL SITE CLASS, D
DESIGN SHORT PERIOD SPECTRAL ACCELERATION, S_{ds} = 0.100
DESIGN ONE SECOND SPECTRAL ACCELERATION, S_{1d} = 0.075
SEISMIC DESIGN CATEGORY, B

FOUNDATIONS:
FOUNDATIONS DESIGNED BASED ON CLASS V SOILS PER IBC SECTION 1806. ISOLATED AND CONTINUOUS FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED SOIL. 4'-0" MINIMUM BELOW ADJACENT FINISHED GRADE. PAO GRADE OR EXISTING GRADE. FINISHED GRADE IS DEFINED AS TOP OF SLAB FOR INTERIOR FOOTINGS AND LOWEST ADJACENT GRADE WITHIN 5 FEET FOR PERIMETER FOOTINGS. DESIGN SOIL BEARING VALUE = 1500 PSF. GEOTECHNICAL ENGINEER SHALL INSPECT FOUNDATION EXCAVATIONS PRIOR TO PLACEMENT OF CONCRETE.

CONCRETE:
ALL CONCRETE TO HAVE +/- 6% AIR ENTRAINMENT
SPECIFIED 28 DAY COMPRESSIVE STRENGTH F'_c
FOUNDATIONS (DESIGN BASED ON 2,500 PSI)----- 3,000 PSI

GENERAL:
ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE REFERENCED EDITION OF THE ACI STANDARDS. MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED UNLESS NOTED OTHERWISE. ADMIXTURES CONTAINING CHLORIDES SHALL NOT BE USED. NO OTHER ADMIXTURES PERMITTED WITHOUT APPROVAL. FOR CONCRETE WITHOUT PLASTICIZER, MAXIMUM SLUMP 4 1/2" AT POINT OF PLACEMENT U.N.O. IF PLASTICIZER IS USED, A HIGHER FINAL SLUMP MAY BE ALLOWED UPON STRUCTURAL ENGINEER'S APPROVAL.

FOR REINFORCING INFORMATION, SEE REINFORCING SECTION OF G.S.N., PLANS, SCHEDULES AND DETAILS.
UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE EMBEDMENT OF CONDUITS, PIPES, SLEEVES, ETC. OF ANY MATERIAL SHALL NOT BE PERMITTED WITHIN ANY CONCRETE STRUCTURAL ELEMENT (IE: COLUMNS, BEAMS, ELEVATED SLABS, ETC.) OR STRUCTURAL CONCRETE TOPPING UNLESS THE EXPRESSED APPROVAL OF THE STRUCTURAL ENGINEER.
FLY ASH - IF PERMITTED BY ARCHITECTURAL SPECIFICATIONS, SHALL BE LIMITED TO 25% OF TOTAL CEMENTITIOUS MATERIALS BY WEIGHT. FLY ASH SHALL BE INCLUDED IN THE CALCULATION OF W/C RATIOS SPECIFIED ABOVE. FLY ASH ADDITIVES SHALL NOT BE USED ON SLABS WITH A BURNISHED OR ACID FINISH.

TEST DATA FOR EACH CONCRETE MIX SHALL BE SUBMITTED FOR REVIEW PER CHAPTER 5 OF ACI 318. REFERENCE FIGURE R5.3 FOR SUBMITTAL REQUIREMENTS AND OPTIONS. CONCRETE MIX DESIGNS THAT ARE SUBMITTED WITHOUT THE APPROPRIATE TEST DATA CANNOT BE REVIEWED.

SLABS ON GRADE:
MAXIMUM SLUMP WITHOUT PLASTICIZER AT POINT OF PLACEMENT SHALL BE 5 INCHES. MIX DESIGNS SHALL TAKE CARE TO PROVIDE THE LARGEST POSSIBLE SIZE OF COARSE AGGREGATE WHILE MAINTAINING CONCRETE WORKABILITY. NOMINAL MAXIMUM AGGREGATE SIZE SHALL NOT BE LESS THAN 3/4 INCH NOR MORE THAN 1/3 THE DEPTH OF THE SLAB.

FOR INTERIOR SLABS ON GRADE, PROVIDE CONCRETE WITH AN ULTIMATE SHRINKAGE LESS THAN 0.02% AT 28 DAYS. LABORATORY TEST RESULTS SHALL BE SUBMITTED INDICATING THAT THE DESIGN MIX SHALL BE COMPATIBLE WITH ARCHITECTURAL FLOOR FINISH. SLABS SHALL BE PLACED ON A FLAT, SMOOTH, FIRM, COMPACTED SUBGRADE.

ALL REINFORCING SHALL BE CHAIRED OR POSITIONED USING REBAR SPACERS TO ENSURE PROPER CLEARANCES. ALL REINFORCING SHALL BE SECURED IN PLACE PRIOR TO CONCRETE PLACEMENT. SUPPORT OF SLAB ON GRADE REINFORCING SHALL BE SUPPORTED AND TIED FROM THE LOWER MAT OF REINFORCING SUCH THAT THE REINFORCING MATS DO NOT MOVE DURING CONCRETE PLACEMENT. SUPPORT OF SLAB ON GRADE REINFORCING MUST PROVIDE ISOLATION FROM MOISTURE/CORROSION BY USE OF A PLASTIC OR CONCRETE CHAIR. DUCT-TAPE COVERED REINFORCING IS NOT AN ACCEPTABLE CHAIR.

SLABS ON GRADE SHALL BE VIBRATED ONLY AT TRENCHES, FLOOR DUCTS, TURNDOVNS, ETC. CAST CLOSURE POUR AROUND COLUMNS AFTER COLUMN DEAD LOAD IS APPLIED. UNLESS APPROVED OTHERWISE IN WRITING BY THE ARCHITECT, ALL CONCRETE SLABS ON GRADE SHALL BE BOUND BY CONTROL JOINTS (CONSTRUCTION OR SAW CUT) PER TYPICAL DETAILS, AS SHOWN ON THE FOUNDATION PLAN, SUCH THAT THE ENCLOSED AREA DOES NOT EXCEED 150 SQUARE FEET. CONSTRUCTION CONTROL JOINTS NEED ONLY OCCUR AT EXPOSED EDGES DURING POURING. OTHER JOINTS MAY BE SAW CUT. SLAB REINFORCING, WHERE SHOWN, SHALL NOT EXTEND MORE THAN 125 FEET WITHOUT STOPPING THE REINFORCEMENT AT A CONTROL JOINT.

VAPOR BARRIER IF REQUIRED BY ARCHITECTURAL SPECIFICATION OR SOLS REPORT SHALL CONSIST OF A MINIMUM 15 MIL MATERIAL LAPPED A MINIMUM OF 6 INCHES AND TAPED PER MANUFACTURER RECOMMENDATIONS. THE BARRIER SHALL BE PLACED ON TOP OF A SMOOTH AND COMPACTED SUBGRADE. THE FLOOR SLAB SHALL BE PLACED OVER A FOUR INCH LAYER OF COMPACTED AGGREGATE BASE COURSE ON TOP OF THE VAPOR BARRIER. ANY MEMBRANE SHALL BE REPAIRED PRIOR TO AGGREGATE COURSE PLACEMENT. CARE SHALL BE TAKEN TO KEEP MOISTURE AWAY FROM THE COMPACTED SUBGRADE. SUBGRADE MUST BE ALLOWED TO DRY AFTER RAINS PRIOR TO SLAB PLACEMENT. FLOOD CURING IS NOT ALLOWED. SAND IS NOT AN ALTERNATIVE FOR THE SUB-BASE COURSE.

REINFORCING:
ALL REINFORCING PER CRSI SPECIFICATIONS AND HANDBOOK, ASTM A615 (F_y = 60 KSI / GRADE 60) DEFORMED BARS FOR ALL BARS #4 AND LARGER. ASTM A615 (F_y = 40 KSI / GRADE 40) DEFORMED BARS FOR ALL BARS #4 AND SMALLER. WHERE SHOWN ON DRAWINGS ALL GRADE 60 REINFORCING TO BE WELDED SHALL BE ASTM A706. WELDED WIRE REINFORCING AND WIRE PER ASTM A706. NO TACK WELDING OF REINFORCING BARS ALLOWED WITHOUT PRIOR REVIEW OF PROCEDURE WITH THE STRUCTURAL ENGINEER. REFERENCED ACI STANDARDS AND DETAILING MANUAL APPLY. CLEAR CONCRETE COVERAGES AS FOLLOWS:
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH ----- 3"
EXPOSED TO EARTH OR WEATHER ----- 2"
#5 AND SMALLER ----- 1 1/2"
ALL OTHER PER REFERENCED EDITION OF ACI 318

ALL REINFORCING SHALL BE CHAIRED OR POSITIONED USING REBAR SPACERS TO ENSURE PROPER CLEARANCES. ALL REINFORCING SHALL BE SECURED IN PLACE PRIOR TO CONCRETE PLACEMENT. SUPPORT OF FOUNDATION REINFORCING MUST PROVIDE ISOLATION FROM MOISTURE/CORROSION BY USE OF A PLASTIC OR CONCRETE CHAIR. DUCT-TAPE COVERED REINFORCING IS NOT AN ACCEPTABLE CHAIR.

FIELD BENDING OR STRAIGHTENING OF DEFORMED BARS SHALL BE LIMITED TO #5 BARS AND SMALLER AND SHALL BE FIELD BENT OR STRAIGHTENED ONLY ONCE. ANY BEND SHALL BE LIMITED TO 90 DEGREES. IF FIELD BENDING OR STRAIGHTENING OF #6 BARS OR LARGER IS REQUIRED, OR IF A SECOND BEND IS REQUIRED FOR #5 BARS AND SMALLER, HEAT SHALL BE APPLIED FOR BENDING OR STRAIGHTENING. CONTRACTOR SHALL SUBMIT PROCEDURE FOR APPLYING HEAT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO BENDING OR STRAIGHTENING BARS.

STRUCTURAL STEEL:
GENERAL:
ALL STEEL CONSTRUCTION SHALL BE PER THE REFERENCED AISC STEEL CONSTRUCTION MANUAL. ALL PIPE STEEL SHALL BE ASTM A500 (F_y = 42 KSI) OR ASTM A53, TYPE E OR S, GRADE B (F_y = 35 KSI). ALL TUBE STEEL SHALL BE ASTM A500 (F_y = 46 KSI). ALL MISCELLANEOUS STEEL UNLESS NOTED OTHERWISE SHALL BE ASTM A36 (F_y = 36 KSI). THE TERMS PIPE AND ROUND HOLLOW STRUCTURAL SECTIONS (HSS) ARE USED SYNONYMOUSLY THROUGHOUT THESE DOCUMENTS ALONG WITH THE TERMS TUBE STEEL AND RECTANGULAR OR SQUARE HSS.

UNLESS NOTED OTHERWISE, ALL BOLTS SHALL BE ASTM A307 A325 BOLTS MAY BE SUBSTITUTED FOR ALL OTHER BOLTS AT THE CONTRACTOR'S OPTION. REVERSE SUBSTITUTION IS NOT PERMITTED. ALL BOLTS SHALL BE INSTALLED WITH STEEL WASHERS AT SHORT SLOTTED HOLES USING SNUG TIGHT INSTALLATION, UNLESS NOTED OTHERWISE.

LAP SPLICES IN CONCRETE:
ALL SPLICE LOCATIONS SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER. PROVIDE BENT CORNER BARS TO MATCH AND LAP WITH HORIZONTAL BARS AT ALL CORNERS AND INTERSECTIONS PER TYPICAL DETAILS. REINFORCING BAR SPAACING GIVEN ARE MAXIMUM ON CENTERS. DOWN VERTICAL REINFORCING TO FOUNDATION WITH STANDARD 90-DEGREE HOOKS UNLESS NOTED OTHERWISE. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE.

LAP SPLICES, UNLESS NOTED OTHERWISE, SHALL BE CLASS "B" TENSION LAP SPLICES PER REFERENCED EDITION OF ACI 318. LAPS IN WELDED WIRE REINFORCING SHALL BE MADE SO THAT THE OVERLAP, MEASURED BETWEEN CROSSED WIRES OF EACH REINFORCING SHEET, IS NOT LESS THAN THE SPAACING OF OUTERMOST WRES PLUS 2 INCHES.

DRYPACK:
DRYPACK SHALL BE 5,000 PSI NON-SHRINK GROUT, FIVE STAR OR EQUIVALENTS. INSTALL DRYPACK UNDER BEARING PLATES BEFORE FRAMING MEMBER IS INSTALLED. AT COLUMNS, INSTALL DRYPACK UNDER BASE PLATES AFTER THE STRUCTURAL STEEL FRAME HAS BEEN PLUMBED BUT PRIOR TO SUPPORTED DECKING BEING INSTALLED.

ANCHORAGE:
ANCHOR RODS:
ANCHOR RODS INCLUDE HOOKED, HEADED, AND THREADED AND NUTTED ANCHORS. THE TERMS ANCHOR BOLT AND ANCHOR ROD ARE USED SYNONYMOUSLY THROUGHOUT THESE DOCUMENTS. ALL ANCHOR ROD MATERIAL SHALL BE PER ASTM F1554 GRADE 36, U.N.O. A307 ANCHOR RODS MAY BE SUBSTITUTED FOR ASTM F1554 GRADE 36 AT CONTRACTOR'S OPTION. ALL ANCHOR RODS SHALL BE SECURED IN PLACE PRIOR TO CONCRETE PLACEMENT. ALL ANCHOR RODS SHALL BE INSTALLED WITH STEEL WASHERS AT OVERSIZED ROUND HOLES USING SNUG TIGHT INSTALLATION, UNLESS NOTED OTHERWISE.

THE ANCHORING MECHANISM FOR NUTTED ANCHOR RODS SHALL CONSIST OF DOUBLE NUTS WITH A WASHER BETWEEN THE NUTS AND WASHER ARE TO BE EMBEDDED INTO THE CONCRETE PER THE DETAILS AND PLANS. THE WASHER SHALL BE 1/4"x4"x4" U.N.O. THE CONTRACTOR SHALL PREVENT THE NUTS FROM SPINNING OFF DURING THE VIBRATION OF THE CONCRETE. THIS COULD BE ACCOMPLISHED BY TIGHTENING THE NUTS AGAINST EACH OTHER THEREBY LOCKING THEM IN PLACE OR BY TACK WELDING EACH NUT TO THE ANCHOR ROD.

WHERE THE ANCHORS ARE TO BE GALVANIZED, THE ANCHOR ROD AND THE NUTS SHALL BE GALVANIZED WITH THE SAME PROCESS TO ENSURE THE THREADS MATCH.

AT CONTRACTOR'S OPTION HEADED ANCHORS PER ABOVE MAY BE SUBSTITUTED FOR CONVENTIONAL ANCHORS AND MACHO BOLTS (REVERSE SUBSTITUTION NOT ALLOWABLE).

POST- INSTALLED ANCHORS:
GENERAL:
ALL POST-INSTALLED ANCHORS SHALL UTILIZE THE EXACT ANCHORAGE SYSTEM SPECIFIED IN THE STRUCTURAL DETAILS, WHERE ANCHORAGE "PER GSN" IS SPECIFIED, SEE BELOW. ANCHORAGE PRODUCTS MAY NOT BE SWAPPED BETWEEN MANUFACTURERS WITHOUT APPROVAL OF THE ENGINEER OF RECORD. ALL REQUESTS FOR EQUIVALENT ANCHORAGE PRODUCTS MUST BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO BEING INSTALLED IN THE FIELD.

UNLESS NOTED OTHERWISE POST INSTALLED ANCHORS SHALL NOT BE INSTALLED UNTIL CONCRETE OR MASONRY MATERIAL HAVE REACHED DESIGN STRENGTH AND HAVE BEEN FULLY CURED FOR A MINIMUM OF 21 DAYS.

MANUFACTURER'S INSTALLATION TRAINING AND CERTIFICATE ARE REQUIRED FOR ALL INSTALLERS OF POST-INSTALLED ANCHORS. ALL ANCHORS SHALL BE INSTALLED WITH STEEL WASHERS AT SHORT SLOTTED HOLES IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTALLATION INSTRUCTIONS (MPI). ALL ANCHORS SHALL BE TIGHTENED/TORQUED AS REQUIRED PER MANUFACTURERS INSTRUCTIONS AND EVALUATION REPORTS.

POST-INSTALLED ANCHORS IN CONCRETE:
ALL EXPANSION TYPE ANCHORAGE FOR CONCRETE INSTALLATION ONLY SHALL BE PER HLTI 'KWK BOLT-T22' EXPANSION ANCHOR PER ICC ESR-4286 OR APPROVED ICC EQUIVALENT. ALL EPOXY ADHESIVE TYPE ANCHORAGE FOR CONCRETE INSTALLATION ONLY SHALL BE PER HLTI 'HT-RE 500 V3' ADHESIVE ANCHORS PER ICC ESR-3814 OR APPROVED ICC EQUIVALENT. ALL SCREW TYPE ANCHORAGE FOR CONCRETE INSTALLATION ONLY SHALL BE PER HLTI 'KWK HUS-EZ' SCREW ANCHOR PER ICC ESR-3027 OR APPROVED ICC EQUIVALENT.

WOOD:
GENERAL:
WOOD FRAMING MEMBERS SHALL NOT BE NOTCHED OR DRILLED WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER THROUGH THE ARCHITECT. ALL NAILING NOT NEEDED SHALL BE PER TYPICAL DETAIL AND COMMON NAIL DIAMETER TABLE BELOW. ALL BOLTING SHALL BE PER STRUCTURAL STEEL SECTION ABOVE. WOOD CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. OR OTHER MANUFACTURER WITH CURRENT AND EQUIVALENT ICC APPROVAL. WHERE "TYPE" OF CONNECTOR IS INDICATED ON THE DRAWINGS, THE CONNECTOR AND ATTACHMENT SHALL BE PER THE MAXIMUM MODEL NUMBER BASED ON THE SIZE OF THE MEMBERS CONNECTIONS.

NAIL TYPE	REQ'D DIA	REQ'D GA	LENGTH	"	NAIL TYPE	REQ'D DIA	REQ'D GA	LENGTH	"
6d	0.113"	11	1/2"	12d	0.148"	9	3	1 1/4"	3
8d	0.131"	10	1/4"	2 1/2"	16d	0.162"	8	3 1/2"	3
10d	0.148"	9	3"	20d	0.192"	6	4"	4"	4"

IN STUD WALLS, UNLESS NOTED OTHERWISE, INSTALL DOUBLE STUDS AT ALL JAMBS, CORNERS, INTERSECTIONS AND AT ISOLATED BEARING POINTS OF FRAMING MEMBERS ABOVE. STUD WALLS SHALL HAVE A SIMPSON RSP ANCHOR TOP AND BOTTOM OF STUDS AT 32" O.C. MAXIMUM, EXCEPT AT THOSE WALLS WHERE PLYWOOD SHEATHING IS NAILLED DIRECTLY TO THE TOP AND BOTTOM PLATES. PROVIDE 2X SLD BLOCKING AT MID-HEIGHT OF STUD WALLS.

PROVIDE A MINIMUM OF 0.229" x 3" x 3" GALVANIZED STEEL PLATE WASHER UNDER EACH NUT AT FOUNDATION ANCHOR BOLTS OF SHEAR WALLS. THE HOLE IN THE PLATE WASHER IS PERMITTED TO BE DIAGONALLY SLOTTED WITH A WIDTH OF UP TO 3/16" LARGER THAN THE BOLT DIAMETER AND A SLOT LENGTH NOT TO EXCEED 1-3/4", PROVIDED A STANDARD CUT WASHER IS PLACED BETWEEN THE PLATE WASHER AND THE NUT.

WOOD SHRINKAGE:
WOOD STUDS AND TRUSSES SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% WHEN DELIVERED TO THE JOB SITE. AFTER ROOF TRUSSES ARE ERCTED AND PRIOR TO DRYWALL INSTALLATION (DRYWALL SHALL BE STAGED AT EACH FLOOR), ALL HOLD-DOWN ANCHORS AND STRAPS SHALL BE RETIGHTENED AND CHECKED FOR LOOSE CONNECTIONS.

PLUMBING, MECHANICAL, DRYWALL, AND ELECTRICAL SUBCONTRACTORS SHALL ACCOUNT FOR A MAXIMUM DIFFERENTIAL SHRINKAGE OF 1/8 IN. PER FLOOR IN ALL CONDUITS, DUCTS AND CONNECTIONS.

PRESERVATIVE-TREATED WOOD:
ALL SILL PLATES IN CONTACT WITH CONCRETE SHALL BE PRESERVATIVE-TREATED WOOD. WOOD FRAMING MEMBERS ATTACHED DIRECTLY TO THE INTERIOR OF EXTERIOR MASONRY OR CONCRETE WALLS BELOW GRADE SHALL BE PRESERVATIVE-TREATED WOOD.

ALL WOOD FRAMING MEMBERS, INCLUDING WOOD SHEATHING THAT ARE LOCATED AT EXTERIOR WALLS THAT ARE LESS THAN 8 INCHES FROM FINISHED GRADE SHALL BE PRESERVATIVE-TREATED WOOD.

ALL FASTENERS INCLUDING NUTS AND WASHERS IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE HOT-DIPPED ZINC-COATED GALVANIZED STEEL OR STAINLESS STEEL. THE COATING WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE PER ASTM A153. FASTENERS OTHER THAN NAILS, WOOD SCREWS AND LAG SCREWS ARE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC-COATED STEEL WITH COATING WEIGHTS PER ASTM B995, CLASS 55 MINIMUM.

SAWN LUMBER:
FRAMING LUMBER SHALL COMPLY WITH THE REFERENCED EDITION OF THE GRADING RULES OF THE WMPA OR THE WCLB. ALL SAWN LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED LUMBER GRADING AGENCY AND SHALL HAVE MINIMUM PROPERTIES WHICH MEET OR EXCEED THE FOLLOWING WOOD TYPES:

JOISTS	WOOD TYPE
2 x 4	D.F.L. STD
2 x 6 OR LARGER	D.F.L. #2
BEAMS	
WIDTH 4" OR LESS	D.F.L. #1
WIDTH GREATER	D.F.L. #2
THAN 4"	D.F.L. #1
LEDGERS AND TOP PLATES	D.F.L. #2
STUDS	
2 x 4	D.F.L. STD
2 x 6 OR LARGER	D.F.L. #2

GENERAL NOTES:
THE STRUCTURAL CONSTRUCTION DOCUMENTS REPRESENT THE FINISHED STRUCTURE. EXCEPT WHERE NOTED, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. THE STRUCTURAL ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES FOR PROCEDURE OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERETO (NOR SHALL OBSERVATION VISITS TO THE SITE INCLUDE INSPECTION OF THESE ITEMS).

WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE REFERENCED EDITION AND/OR ADDENDA. ANY ENGINEERING DESIGN, PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW, SHALL BEAR THE SEAL OF A REGISTERED ENGINEER RECOGNIZED BY THE BUILDING CODE JURISDICTION OF THIS PROJECT.

NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.

VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS. BUILDING DIMENSIONS AND ELEVATIONS, WHERE SHOWN, WERE PROVIDED BY THE ARCHITECT AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND COORDINATE ALL DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK. ANY DISCREPANCIES SHALL BE RESOLVED THROUGH THE ARCHITECT, ESTABLISH AND VERIFY ALL OPENINGS AND INTERSECTIONS. ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL ITEMS WITH THE APPROPRIATE TRADE DRAWINGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.

TYPICAL DETAILS MAY NOT NECESSARILY BE CUT ON PLANS, BUT APPLY UNLESS NOTED OTHERWISE.

CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED CONSTRUCTION. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT.

OPTIONS AND SUBSTITUTIONS ARE FOR CONTRACTOR'S CONVENIENCE. IF AN OPTION OR SUBSTITUTION IS CHOSEN BY THE CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CHANGES, APPROVALS AND THE COORDINATION OF THE WORK WITH ALL RELATED TRADES AND SUPPLIERS.

SPECIAL INSPECTION - STRUCTURAL ONLY:
SPECIAL INSPECTIONS SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A STATE REGISTERED STRUCTURAL ENGINEER WHO IS FAMILIAR WITH THE STRUCTURAL DESIGN OF THIS PROJECT. THE SUPERVISING STRUCTURAL ENGINEER SHALL SEAL THE SPECIAL INSPECTION CERTIFICATE.

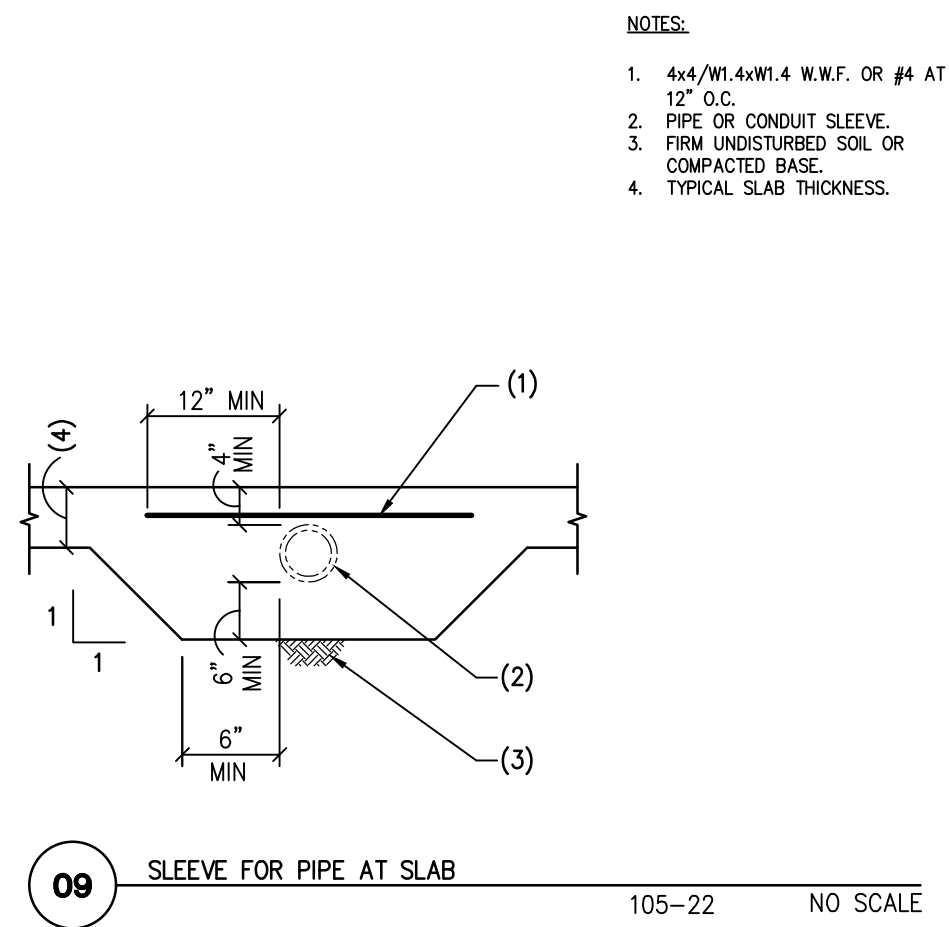
SPECIAL INSPECTION IS TO BE PROVIDED FOR THE ITEMS LISTED BELOW IN ADDITION TO THE INSPECTIONS CONDUCTED BY THE BUILDING JURISDICTION. "SPECIAL STRUCTURAL INSPECTION" SHALL RELIEVE THE CONTRACTOR OR THEIR AGENT FROM REQUESTING THE BUILDING JURISDICTION INSPECTIONS REQUIRED BY SECTION 110 OF THE INTERNATIONAL BUILDING CODE. SPECIAL INSPECTION IS REQUIRED PER CHAPTER 17 FOR THE FOLLOWING:

- CONCRETE CONSTRUCTION:**
1. CONCRETE:
 - A. DURING THE TAKING OF TEST SPECIMENS.
 - B. CONTINUOUS INSPECTION DURING THE PLACEMENT OF ALL REINFORCED CONCRETE, UNLESS NOTED OTHERWISE.
 - C. CONTINUOUS INSPECTION OF BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING THE PLACEMENT OF CONCRETE AROUND BOLTS (EXCEPTION: NO INSPECTION IS REQUIRED FOR PLACEMENT OF CONCRETE AROUND FOUNDATION ANCHOR BOLTS).
 - D. NO INSPECTION IS REQUIRED FOR PLACEMENT OF SLAB ON GRADE CONCRETE. INSPECTION OF SLAB ON GRADE REINFORCING IS REQUIRED PER "REINFORCING STEEL" SECTION BELOW.
 - E. NO INSPECTION IS REQUIRED FOR THE PLACEMENT OF FOUNDATION CONCRETE. INSPECTION OF FOUNDATION REINFORCING IS REQUIRED PER "REINFORCING STEEL" SECTION BELOW.
 2. REINFORCING STEEL: INSPECTION OF IN-PLACE REINFORCING FOR PERFORMANCE PRIOR TO THE CLOSING OF FORMS OR THE DELIVERY OF CONCRETE TO THE JOBSITE FOR THE FOLLOWING:
 - A. REINFORCING FOR ALL CONCRETE REQUIRED TO HAVE INSPECTION NOTED ABOVE.
 - B. REINFORCING FOR CONCRETE FOUNDATIONS.
 - C. REINFORCING FOR SLABS ON GRADE.
 - D. REINFORCING FOR ALL MASONRY REQUIRED TO HAVE INSPECTION NOTED BELOW.

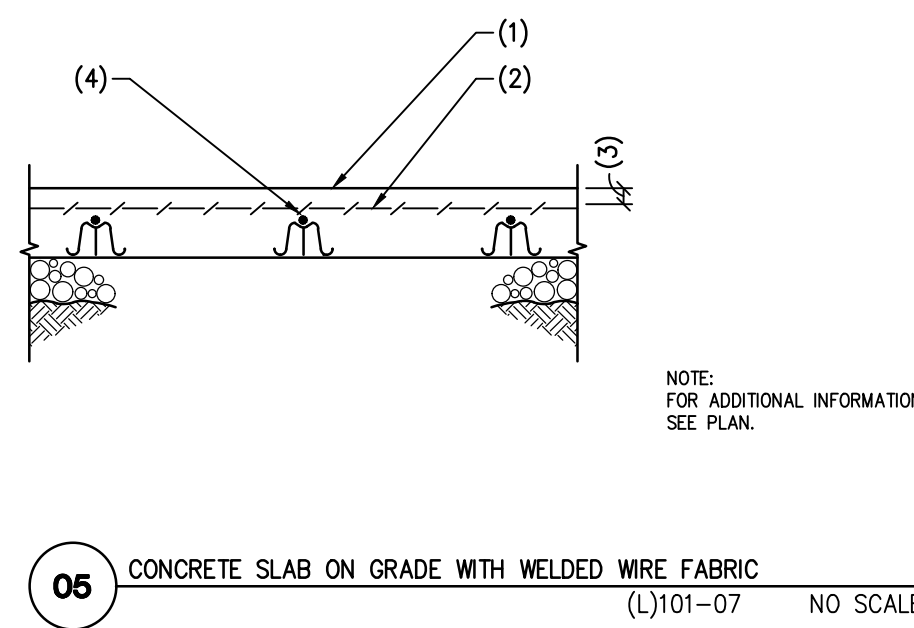
SPECIAL INSPECTIONS - NON STRUCTURAL (PERFORMED BY OTHERS):
GEOTECHNICAL INSPECTIONS - SOILS:

1. PERIODIC VERIFICATION THAT MATERIALS BELOW GRADE ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.
2. PERIODIC VERIFICATION THAT EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.
3. PERFORM PERIODIC CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.
4. CONTINUOUS VERIFICATION THAT USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTON OF COMPACTED FILL.
5. PERIODIC VERIFICATION PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.

DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
A. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED TO BE CERTAIN IT CONFORMS TO THE APPROVED DESIGN DRAWINGS AND SPECIFICATION.
B. THE SPECIAL INSPECTOR IS NOT AUTHORIZED TO APPROVE DEVIATIONS FROM THE DESIGN DRAWINGS OR SPECIFICATIONS, AND ALL DEVIATIONS MUST BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO PROCEEDING WITH THE WORK. ALL REQUESTS FOR DEVIATIONS SHALL BE INITIATED BY THE CONTRACTOR VIA WRITTEN REQUEST FOR INFORMATION (RFI).
C. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE ENGINEER OR ARCHITECT OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. THEN, IF UNCORRECTED, TO THE DESIGN AUTHORITY AND THE BUILDING OFFICIAL.
D. THE CONTRACTOR SHALL PROVIDE THE SPECIAL INSPECTOR ACCESS TO ALL ITEMS REQUIRING SPECIAL INSPECTION. ACCESS SHALL BE PROVIDED BY IN-PLACE LADDERS, SCAFFOLDS, LIFTS AND/OR OTHER EQUIPMENT OPERATED BY THE CONTRACTOR'S PERSONNEL AS REQUIRED FOR SAFE OBSERVATION. THE SPECIAL INSPECTOR IS NOT RESPONSIBLE OR AUTHORIZED TO OPERATE CONTRACTOR'S EQUIPMENT.
E. UPON COMPLETION OF THE ASSIGNED WORK THE ENGINEER OR ARCHITECT SHALL COMPLETE AND SIGN THE APPROPRIATE FORMS CERTIFYING THAT TO THE BEST OF THEIR KNOWLEDGE THE WORK IS IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.



- NOTES:**
- 4x4/W/4xW/4 W.W.F. OR #4 AT 12" O.C.
 - PIPE OR CONDUIT SLEEVE.
 - FIRM UNDISTURBED SOIL OR COMPACTED BASE.
 - TYPICAL SLAB THICKNESS.

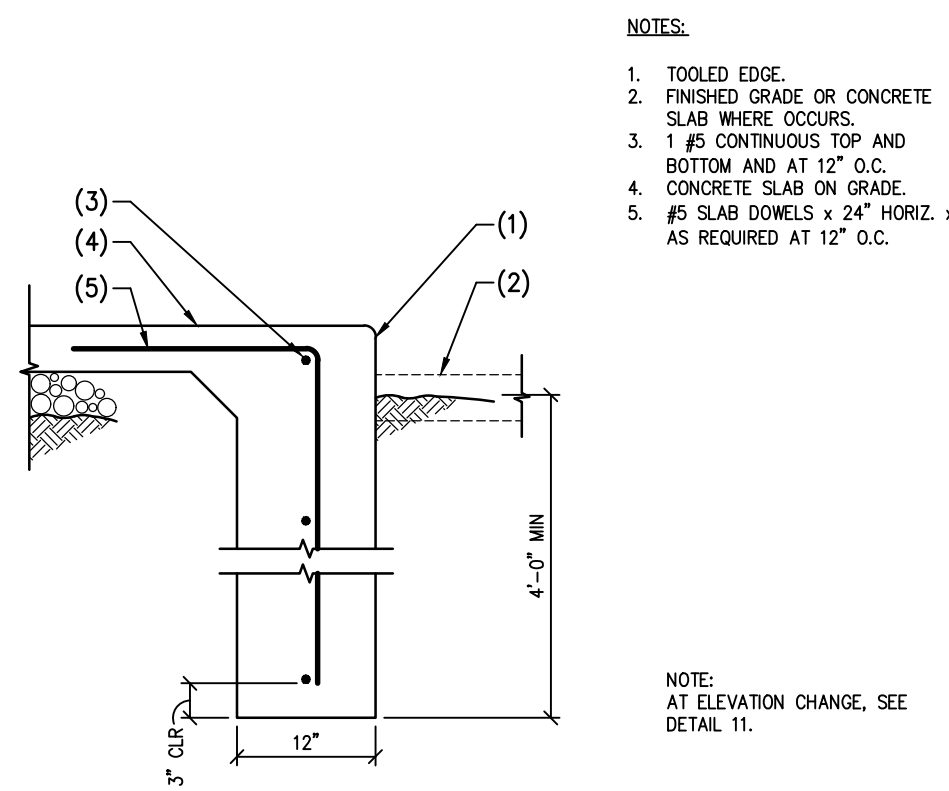


- NOTES:**
- CONCRETE SLAB ON GRADE OVER SUB-GRADE.
 - WELDED WIRE FABRIC.
 - 1 1/2" CLR ±1/4".
 - #3 AT 4'-0" O.C. CHAIR ALL REBAR PER G.S.N.
- NOTE:** FOR ADDITIONAL INFORMATION, SEE PLAN.

CONC. PSI	CLASS B TENSION SPlice LENGTHS						COMP. BARS	
	f _c = 2,500/3,000 PSI		f _c = 4,000 PSI		f _c = 5,000 PSI		STD LAP	W/ SPIRAL TIES
BAR LOCATION SIZE (METRIC)	REGULAR	TOP	REGULAR	TOP	REGULAR	TOP		
#3 (10)	24"	31"	19"	24"	17"	22"	12"	12"
#4 (13)	32"	41"	25"	32"	22"	29"	15"	12"
#5 (16)	39"	51"	31"	40"	28"	36"	19"	14"
#6 (19)	47"	61"	37"	48"	33"	43"	23"	17"
#7 (22)	69"	89"	54"	70"	49"	63"	26"	20"
#8 (25)	78"	102"	62"	80"	55"	72"	30"	23"
#9 (28)	88"	115"	70"	91"	63"	81"	34"	25"
#10 (32)	99"	129"	79"	102"	70"	91"	38"	28"
#11 (36)	110"	143"	87"	113"	78"	101"	42"	31"

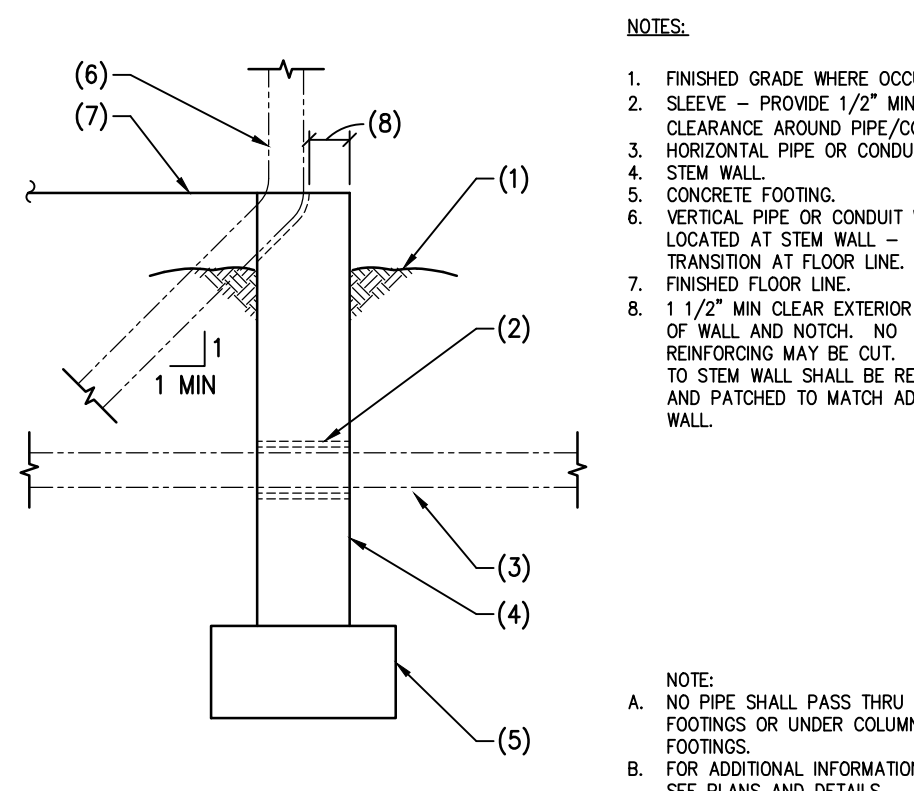
- NOTES:**
- TOP BARS ARE ANY HORIZONTAL BARS PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCEMENT.
 - LAP SPICES SHALL BE CLASS "B" TENSION LAP SPICES PER LATEST EDITION OF ACI 318 UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS OR SCHEDULES.
 - CONTACT STRUCTURAL ENGINEER IF CLEAR SPACING OF REINFORCEMENT IS LESS THAN OR EQUAL TO 2 BAR DIAMETERS (2db), OR IF CLEAR COVER IS LESS THAN THE BAR DIAMETER (db). THIS TABLE IS BASED ON NORMAL WEIGHT CONCRETE.
 - FOR ADDITIONAL INFORMATION, SEE G.S.N., PLANS, SCHEDULES AND DETAILS.

01 LAP SCHEDULE FOR REINFORCING STEEL IN CONCRETE 201-31.01 NO SCALE



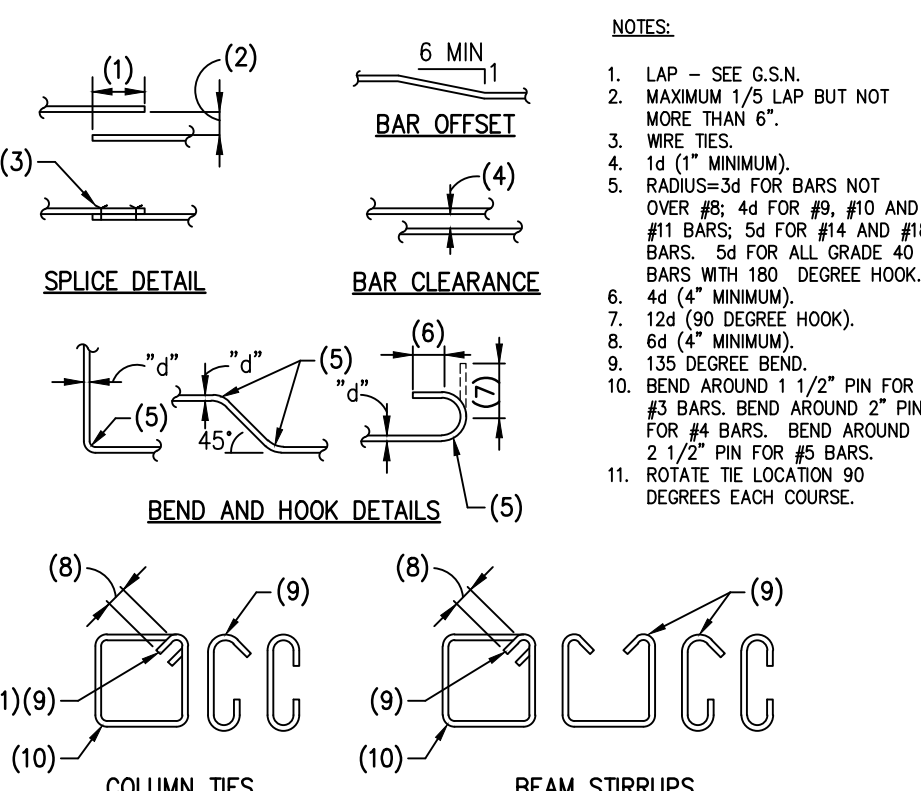
- NOTES:**
- TOOLED EDGE.
 - FINISHED GRADE OR CONCRETE SLAB WHERE OCCURS.
 - 1 #5 CONTINUOUS TOP AND BOTTOM AND AT 12" O.C.
 - CONCRETE SLAB ON GRADE.
 - #5 SLAB DOWELS x 24" HORIZ. x AS REQUIRED AT 12" O.C.

NOTE: AT ELEVATION CHANGE, SEE DETAIL 11.

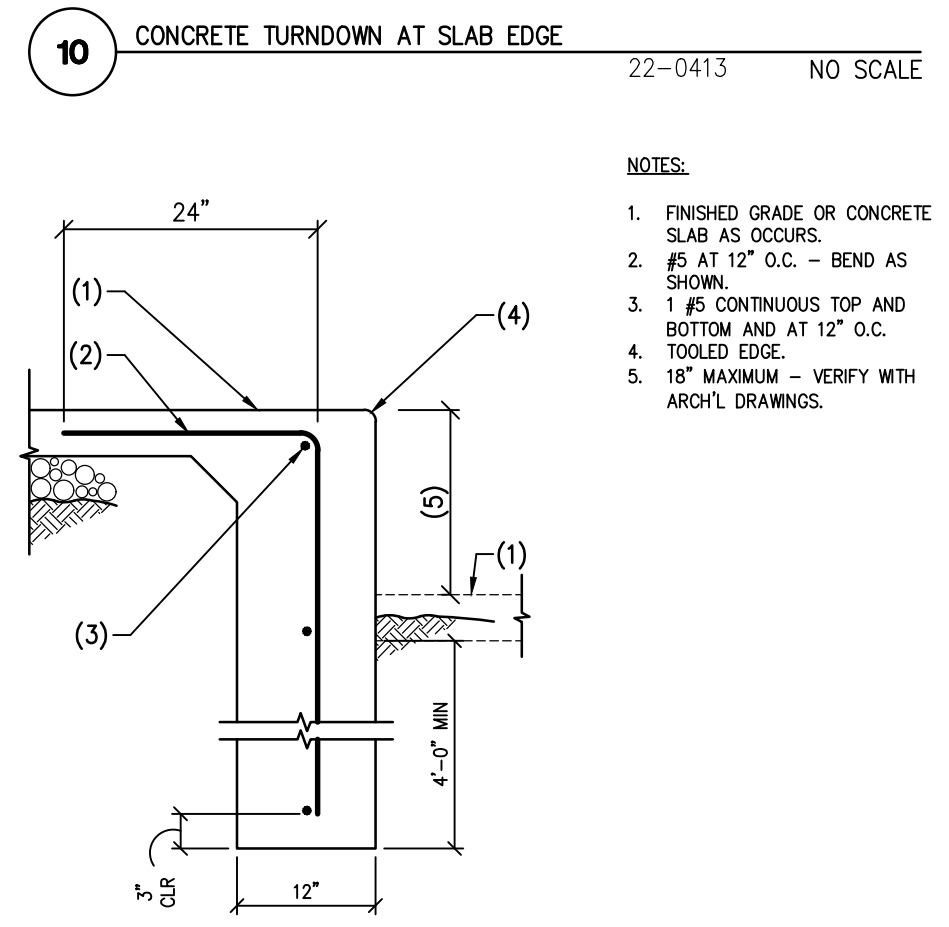


- NOTES:**
- FINISHED GRADE WHERE OCCURS.
 - SLEEVE - PROVIDE 1/2" MINIMUM CLEARANCE AROUND PIPE/CONDUIT.
 - HORIZONTAL PIPE OR CONDUIT.
 - STEM WALL.
 - CONCRETE FOOTING.
 - VERTICAL PIPE OR CONDUIT WHEN LOCATED AT STEM WALL - TRANSITION AT FLOOR LINE.
 - FINISHED FLOOR LINE.
 - 1 1/2" MIN CLEAR EXTERIOR FACE OF WALL AND NOTCH. NO REINFORCING MAY BE CUT. DAMAGE TO STEM WALL SHALL BE REPAIRED AND PATCHED TO MATCH ADJACENT WALL.

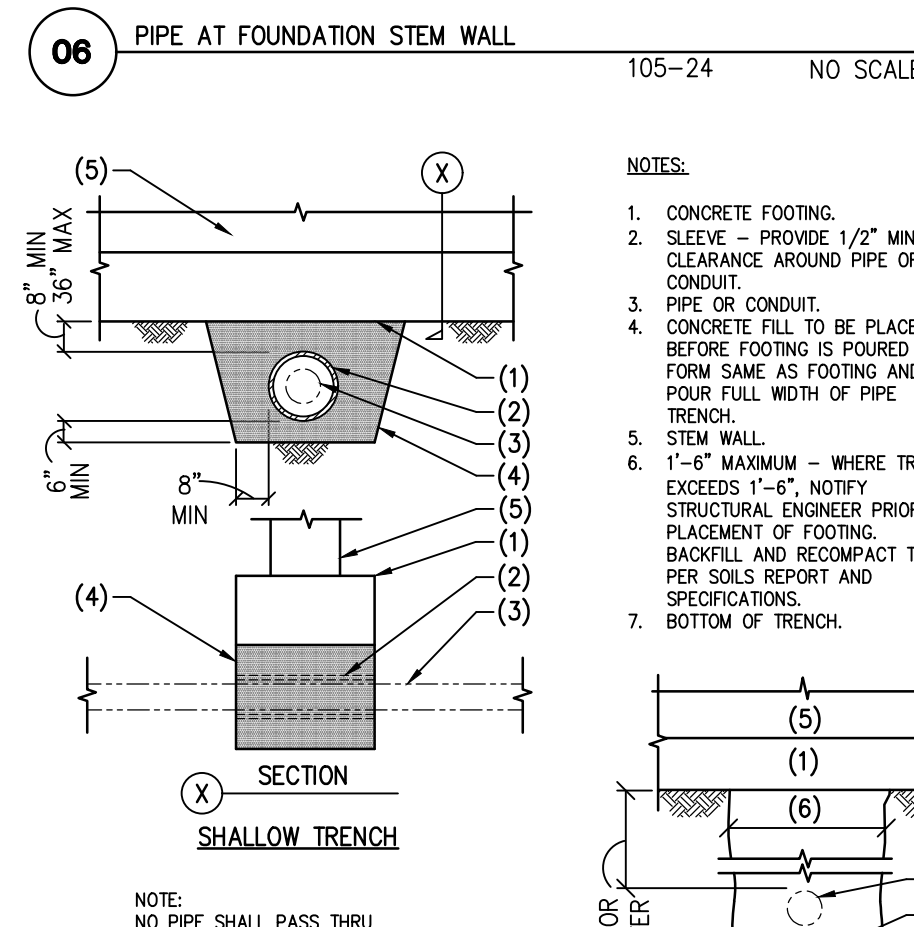
- NOTE:**
- NO PIPE SHALL PASS THRU FOOTINGS OR UNDER COLUMN FOOTINGS.
 - FOR ADDITIONAL INFORMATION, SEE PLANS AND DETAILS.



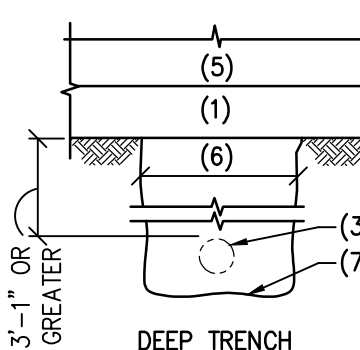
- NOTES:**
- LAP - SEE G.S.N.
 - MAXIMUM 1/2" LAP BUT NOT MORE THAN 5".
 - WIRE TIES.
 - 1d (1" MINIMUM).
 - RADIUS - 4d FOR BARS NOT OVER #6; 4d FOR #9, #10 AND #11 BARS; 5d FOR #14 AND #18 BARS; 5d FOR ALL GRADE 40 BARS WITH 180 DEGREE HOOK.
 - 4d (4" MINIMUM).
 - 15d (90 DEGREE HOOK).
 - 6d (4" MINIMUM).
 - 135 DEGREE BEND.
 - BEND AROUND 1 1/2" PIN FOR #3 BARS. BEND AROUND 2" PIN FOR #4 BARS. BEND AROUND 2 1/2" PIN FOR #5 BARS.
 - ROTATE TIE LOCATION 90 DEGREES EACH COURSE.



- NOTES:**
- FINISHED GRADE OR CONCRETE SLAB AS OCCURS.
 - #5 AT 12" O.C. - BEND AS SHOWN.
 - 1 #5 CONTINUOUS TOP AND BOTTOM AND AT 12" O.C.
 - TOOLED EDGE.
 - 18" MAXIMUM - VERIFY WITH ARCH'D DRAWINGS.

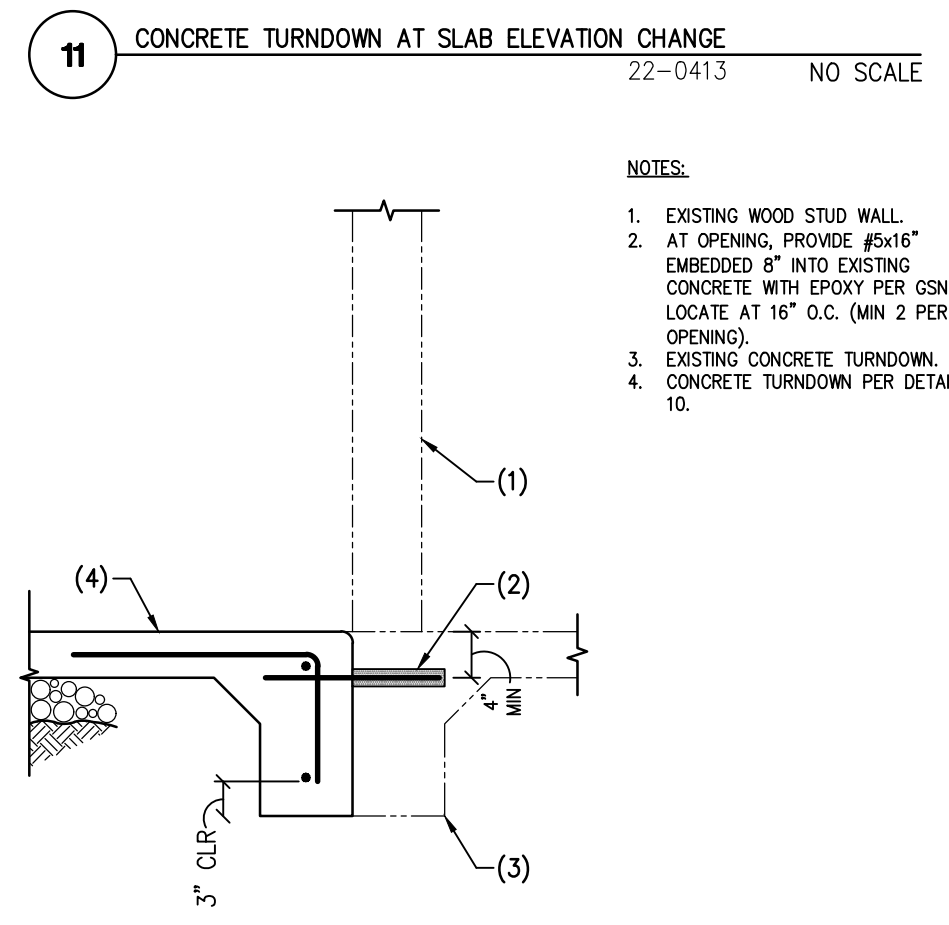


- NOTES:**
- CONCRETE FOOTING.
 - SLEEVE - PROVIDE 1/2" MINIMUM CLEARANCE AROUND PIPE OR CONDUIT.
 - PIPE OR CONDUIT.
 - CONCRETE FILL TO BE PLACED BEFORE FOOTING IS POURED - FORM SAME AS FOOTING AND POUR FULL WIDTH OF PIPE TRENCH.
 - STEM WALL.
 - 1'-8" MAXIMUM - WHERE TRENCH EXCEEDS 1'-8" NOTIFY STRUCTURAL ENGINEER PRIOR TO PLACEMENT OF FOOTING. BACKFILL AND RECOMPACT TRENCH PER SOILS REPORT AND SPECIFICATIONS.
 - BOTTOM OF TRENCH.

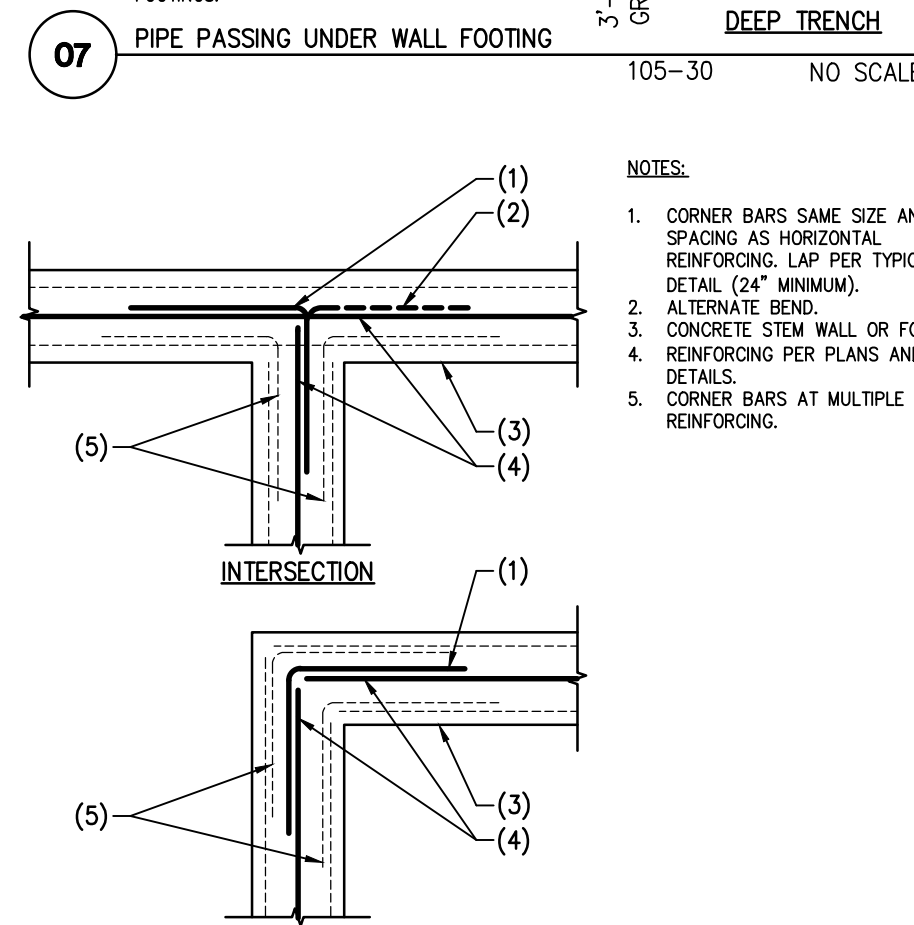


BOLT DIAMETER (db)	VERT BOLT EMBEDMENT LENGTH	HORIZ BOLT EMBEDMENT LENGTH	ANCHOR FILLET WELD SIZE, "S"
1/2"	6"	4"	1/4"
5/8"	6"	4"	5/16"
3/4"	7"	5"	5/16"
7/8"	8"	6"	5/16"
1"	9"	7"	3/8"
1 1/8"	10"	8"	-----
1 1/4"	11"	9"	-----

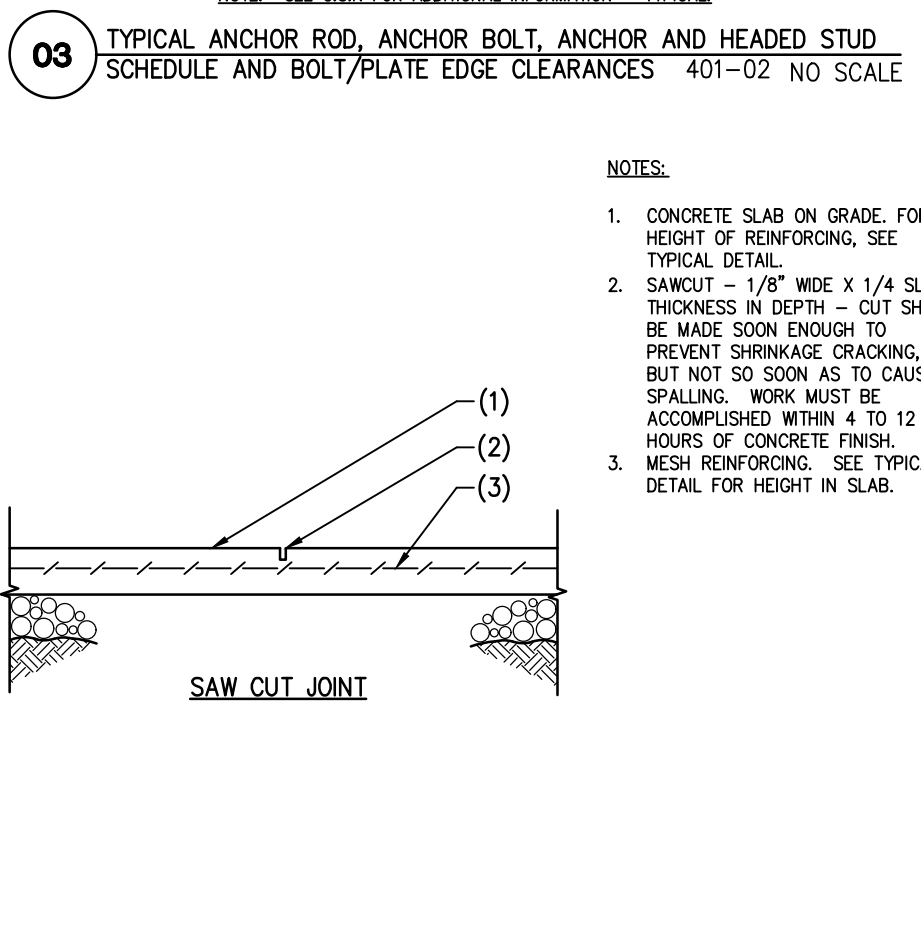
- NOTES:**
- PROVIDE ANCHORS, ANCHOR RODS AND ANCHOR BOLTS PER THIS SCHEDULE UNLESS NOTED OTHERWISE ON PLANS, SCHEDULES OR DETAILS.
 - AUTOMATIC WELDED TO DEVELOP FULL CAPACITY OF HIGH STRENGTH HEADED STUDS.
 - THICKNESS OF DRYPACK DOES NOT APPLY TOWARDS EMBEDMENT.
 - BOLT/PLATE EDGE CLEARANCES PER THE FOLLOWING - TOP UNL.O.:
 3/4" DIA OR LESS - 1 1/4"
 7/8" DIA - 1 1/2"
 1" DIA - 1 3/4"
 1 1/8" DIA - 2"
 1 1/4" DIA - 2 1/4"
 OVER 1 1/4" DIA - 1.75db DIA



- NOTES:**
- EXISTING WOOD STUD WALL.
 - AT OPENING, PROVIDE #5x16" EMBEDDED 8" INTO EXISTING CONCRETE WITH EPOXY PER G.S.N. LOCATE AT 16" O.C. (MIN 2 PER OPENING).
 - EXISTING CONCRETE TURNDOWN.
 - CONCRETE TURNDOWN PER DETAIL 10.



- NOTES:**
- CORNER BARS SAME SIZE AND SPACING AS HORIZONTAL REINFORCING. LAP PER TYPICAL DETAIL (24" MINIMUM).
 - ALTERNATE BEND.
 - CONCRETE STEM WALL OR FOOTING.
 - REINFORCING PER PLANS AND/OR DETAILS.
 - CORNER BARS AT MULTIPLE REINFORCING.



- NOTES:**
- CONCRETE SLAB ON GRADE. FOR HEIGHT OF REINFORCING, SEE TYPICAL DETAIL.
 - SAWCUT - 1/8" WIDE X 1/4" SLAB THICKNESS IN DEPTH - CUT SHALL BE MADE SOON ENOUGH TO PREVENT SHRINKAGE CRACKING, BUT NOT SO SOON AS TO CAUSE SPALLING. WORK MUST BE ACCOMPLISHED WITHIN 4 TO 12 HOURS OF CONCRETE FINISH.
 - MESH REINFORCING. SEE TYPICAL DETAIL FOR HEIGHT IN SLAB.

ROBERT L. QUEATHEN
ENGINEER
1860 CRAIG ROAD, SUITE 300
ST. LOUIS, MO 63146
PH. (314) 415-2400 FAX (314) 415-2800
www.rlcvc.com



PROJECT NUMBER 22-0413
PROJECT MANAGER RAD
PROJECT ENGINEER FDR
PROJECT DRAFTER JUR

CARUSO TURLEY SCOTT INC.
consulting structural engineers
1215 W. Rio Salado Pkwy
Suite 200
Tempe, Arizona 85281
(480) 774-1700
(480) 774-1701 FAX

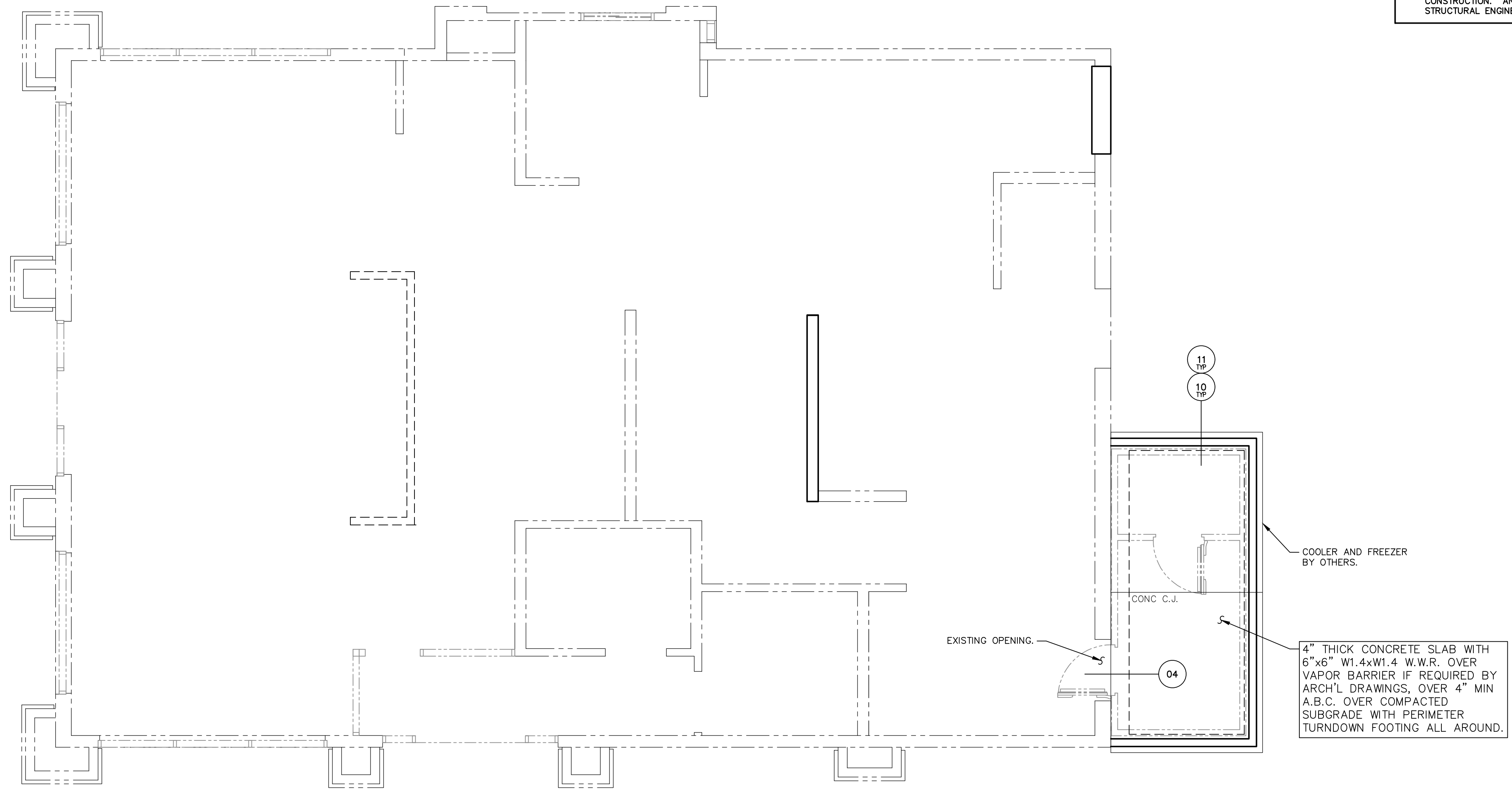
CONTRACT DATE:
BUILDING TYPE: N2T-M70HD
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WANCHO
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

TACO BELL
205 ANN ARBOR RD.
PLYMOUTH, MI 48170



S1.2

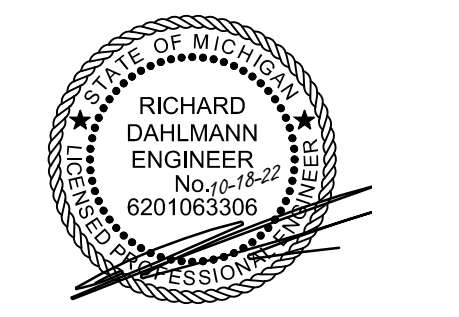
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- FOUNDATION NOTES – TYP. U.N.O.:**
1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS. BUILDING DIMENSIONS AND ELEVATIONS, WHERE SHOWN, WERE PROVIDED BY THE ARCHITECT AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND COORDINATE ALL DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK. ANY DISCREPANCIES SHALL BE RESOLVED THROUGH THE ARCHITECT.
 2. – AS SHOWN ON PLAN INDICATES EXISTING WOOD STUD WALL.
 3. UNLESS NOTED OTHERWISE ON PLANS AND/OR DETAILS, DEPTH OF FOOTING DIMENSIONS INDICATED IN THE G.S.N. ARE MINIMUMS. FOUNDATION CONTRACTOR SHALL COORDINATE WITH SOIL REPORT AND ALL TRADES TO INSURE THAT THESE MINIMUMS ARE SUFFICIENT FOR THE WORK. SEE TYPICAL DETAILS FOR ADDITIONAL REQUIREMENTS.
 4. BUILDING CONCRETE SLAB ON GRADE SHALL BE AS NOTED ON PLAN. VERIFY EXACT SIZE AND LOCATION OF DEPRESSED AND/OR RAISED SLABS WITH ARCH'L DRAWINGS. FOR SIDEWALK LOCATION, SEE ARCH'L DRAWINGS. FOR ADDITIONAL INFORMATION, SEE G.S.N. AND TYPICAL DETAILS.
 5. CONC. C.J. – AS SHOWN ON PLAN INDICATES LOCATION OF EITHER KEYED OR SAWCUT CONTROL JOINT IN CONCRETE SLAB ON GRADE AT CONTRACTOR'S OPTION, SEE G.S.N. AND TYPICAL DETAILS.
 6. THE EXISTING CONDITIONS DEPICTED ON THESE DRAWINGS ARE BASED ON THE BEST AVAILABLE INFORMATION AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER IMMEDIATELY.

FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

ROBERT L. QUEATHEN
ENGINEER
1860 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
PH. (314) 415-2400 FAX (314) 415-2300 www.rarcv.com



PROJECT NUMBER	22-0413
PROJECT MANAGER	RAD
PROJECT ENGINEER	FDR
PROJECT DRAFTER	JJR

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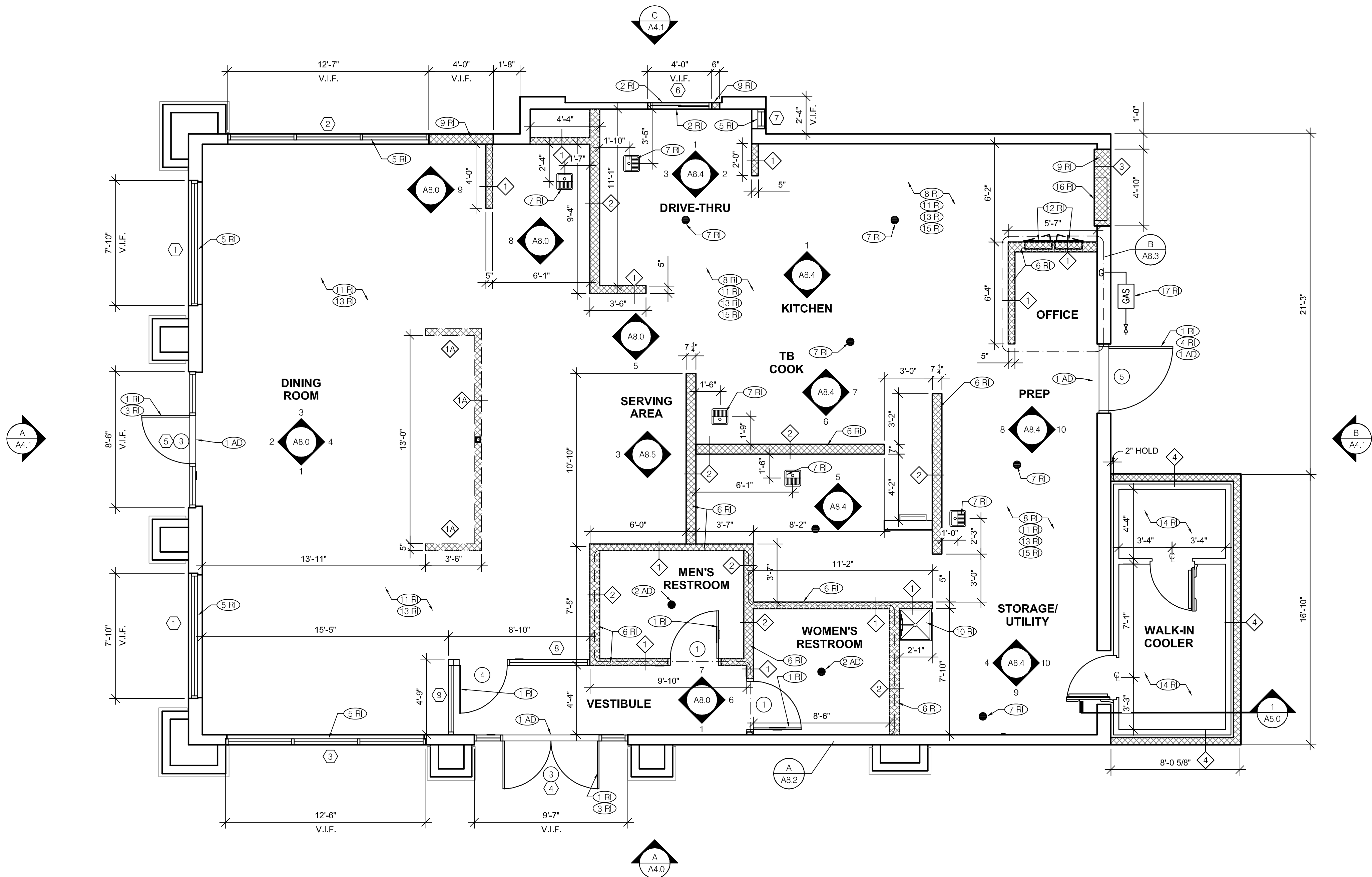
CONTRACT DATE:

BUILDING TYPE:	N2T-M70HD
PLAN VERSION:	ENDEAVOR
BRAND DESIGNER:	FRANK WANCHO
SITE NUMBER:	4986
ARCVISION NUMBER:	200370

TACO BELL
205 ANN ARBOR RD.
PLYMOUTH, MI 48170



S21



FLOOR PLAN 1/4" = 1'-0" **A**

WALL LEGEND		D	
	TYPICAL EXISTING WALL TO REMAIN		EXISTING DOOR TO REMAIN
	TYPICAL NEW INTERIOR WALL: 2 x 4 WOOD STUDS AT 16" O.C. W/ 1/2" BOARD SUBSTRATE U.N.O. USE MOISTURE RESISTANT GYP. BOARD. BEHIND ALL CERAMIC WALL TILE. U.N.O. METAL STUDS SHALL BE INSTALLED AT WALLS ADJACENT TO TYPE I EXHAUST HOOD. ACCEPTABLE ALTERNATE: METAL STUDS IN LIEU OF WOOD STUDS.		NEW SWING DOOR REFER TO DOOR SCHEDULE FOR INFO.
	TYPICAL NEW 48" INTERIOR WALL: 2 x 4 WOOD STUDS AT 16" O.C. W/ 1/2" BOARD SUBSTRATE U.N.O. ACCEPTABLE ALTERNATE: METAL STUDS IN LIEU OF WOOD STUDS.		NEW SOLID SURFACE
	TYPICAL NEW INTERIOR WALL (PLUMBING WALL): 2 x 6 WOOD STUDS AT 16" O.C. W/ 1/2" BOARD SUBSTRATE U.N.O. USE MOISTURE RESISTANT GYP. BOARD. BEHIND ALL CERAMIC WALL TILE. U.N.O. METAL STUDS SHALL BE INSTALLED AT WALLS ADJACENT TO TYPE I EXHAUST HOOD. ACCEPTABLE ALTERNATE: METAL STUDS IN LIEU OF WOOD STUDS.		NEW LAMINATE COVERING
	NEW EXTERIOR WALL: 2 x 8 STUDS @ 16" O.C. W/ 1/2" EXTERIOR GRADE SHEATHING, OR MATCH EXISTING STUD WALL THICKNESS. WALL STUDS SHALL BE CONTINUOUS, MATCH EXISTING FINISHES.		EXISTING ITEM/FIXTURE
	TYPICAL NEW EXTERIOR WALL AT WALK-IN COOLER/FREEZER: 2 x 4 WOOD STUDS AT 16" O.C. W/ 1/2" BOARD SUBSTRATE U.N.O. ACCEPTABLE ALTERNATE: METAL STUDS IN LIEU OF WOOD STUDS.		DOOR TAG
	GENERAL NOTES: 1. ALL DIMENSIONS ARE FROM FACE OF FINISH TO FACE OF FINISH. ALL DIMENSIONS ARE TO BE FIELD VERIFIED BY G.C. WITH THE REQUIREMENT THAT THE G.C. NOTIFIES OWNER/AGENT OF ANY DISCREPANCY.		DETAIL CALLOUT
			INTERIOR ELEVATION CALLOUT

DECOR:
A. SEE A2.0 FOR SEATING PLAN AND DETAILS.
B. SEE A7.0 FOR FLOOR FINISHES.
C. SEE A8.0 - A8.1 FOR WALL FINISHES.
D. SEE A7.1 FOR CEILING FINISHES.

GENERAL:
A. DRAWINGS ARE BASED UPON WOOD FRAMING. UTILIZATION OF METAL STUDS ON NON-BEARING INTERIOR PARTITIONS, BULKHEADS AND SOFFIT IS ACCEPTABLE. ALL ATTACHMENTS MADE THROUGH E.I.F.S. SHALL BE BUSHED TO PREVENT DAMAGE TO THE FINISH.
B. ALL PENETRATIONS THROUGH E.I.F.S. SHALL BE SEALED USING MFRS. APPROVED METHOD.
C. DIMENSIONS NOTED AS "HOLD" OR "CLEAR" ARE MIN. REQUIRED CLEARANCE FROM FACE OF OUTERMOST FINISH MATERIAL (WALL BASE/WAINSCOT/CHAIR RAIL).
D. VERIFY FINAL EQUIPMENT SIZES W/ VENDOR PRIOR TO INT. WALL FRAMING.

DIMENSIONS:
A. DIMENSIONS THAT ORIGINATE FROM EXISTING ELEMENTS OF THE BUILDING ARE FROM FACE OF FINISH. ALL OTHER DIMENSIONS ARE TO FACE OF STUD U.O.N. REFER TO FOUNDATION PLAN FOR FACE OF CONC. DIMENSIONS.
B. DIMENSIONS NOTED AS "CLEAR" OR "HOLD" ARE MIN. REQ'D. NET CLEARANCE FROM FACE OF OUTERMOST FINISH (WALL, BASE, CHAIR RAIL).

WINDOWS/DOORS:
A. SEE SCHEDULE FOR WINDOW AND DOOR TYPES.
B. ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO ROUGH OPENING.

FINISH SUBSTRATES:
A. PROVIDE 1/2" THICK CEMENTITIOUS BD. FROM FLOOR SLAB TO 12" A.F.F. MIN. IN LIEU OF GYP. BD. AT ALL WALLS EXCEPT SHEARWALL SURFACES, U.O.N.
B. ALL JOINTS, GAPS OR SPACES LEADING TO ALL HOLLOW OR INACCESSIBLE SPACES SHALL BE SEALED WITH "NSF INTERNATIONAL" APPROVED SEALANTS.

REMODEL IMAGE (RI)

(1 RI) G.C. TO ADJUST MAXIMUM DOOR OPERATING PRESSURE NEW RESTROOM AND NEW STOREFRONT DOORS. (5 LBS INTERIOR, 8 LBS EXTERIOR).

(2 RI) NEW DRIVE THRU WINDOW & FRAME NEW LOCATION AS SHOWN. INFILL EXTERIOR WALL TO MATCH ADJACENT. REFER TO DOOR & WINDOW SCHEDULE A1.1 FOR ADDITIONAL INFORMATION.

(3 RI) NEW STOREFRONT SYSTEM. REFER TO DOOR & WINDOW SCHEDULE A1.1 FOR ADDITIONAL INFORMATION.

(4 RI) NEW H.M. DOOR & FRAME, PROVIDE NEW THRESHOLD. REFER TO DOOR & WINDOW A1.1 SCHEDULE FOR ADDITIONAL INFORMATION.

(5 RI) NEW WINDOW AND FRAME. REFER TO DOOR & WINDOW SCHEDULE A1.1 FOR ADDITIONAL INFORMATION.

(6 RI) NEW INTERIOR WALL. REFER TO INTERIOR ELEVATIONS AND WALL LEGEND D/A1.0 FOR ADDITIONAL INFORMATION.

(7 RI) NEW/EXISTING FLOOR SINK/DRAIN TO BE MODIFIED TO BE LEVEL WITH NEW FLOORING. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.

(8 RI) NEW FRP & BASE TILE ON ALL WALLS IN BOH.

(9 RI) INFILL OPENING IN WALL (SHOWN IN HATCH) WITH WOOD STUDS @ 16" O.C., 1/2" GYPSUM BOARD ON INTERIOR SIDE OF WALL, AND 1/2" SHEATHING AND E.I.F.S. ON EXTERIOR SIDE OF WALL. WALL MUST HAVE 10" CLEAR DEPTH TO ALLOW FOR NEW ELECTRICAL MAIN. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION. PROVIDE SMOOTH, FLUSH FINISH WITH ADJACENT SURFACES. REFER TO EXTERIOR ELEVATIONS A4.0 & A4.1 FOR ADDITIONAL INFORMATION.

(10 RI) NEW MOP SINK AND FAUCET. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.

(11 RI) NEW ELECTRIC WIRING THROUGHOUT. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

(12 RI) NEW ELECTRIC PANELS. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

(13 RI) NEW INSULATION THROUGHOUT THE BUILDING, EXTERIOR WALLS. MATCH EXISTING R-VALUE.

(14 RI) NEW WALK-IN COOLER/FREEZER ON NEW CONC. PAD. REFER TO A5.0, MANUFACTURE SPECIFICATIONS, STRUCTURAL & MEP PLANS FOR ADDITIONAL INFORMATION.

(15 RI) FULL HEIGHT CORNER GUARDS ON ALL OUTSIDE CORNERS THROUGHOUT BOH. REFER TO A6.0 FOR ADDITIONAL INFORMATION.

(16 RI) NEW ELECTRICAL MAIN, G.C. TO FUR OUT WALL WAS REQUIRED FOR DEPTH REQUIREMENTS. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

(17 RI) RELOCATED GAS METER TO BE INSTALLED BY G.C. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.

ADA NOTES (AD)

(1 AD) NEW ADA COMPLIANT THRESHOLD.

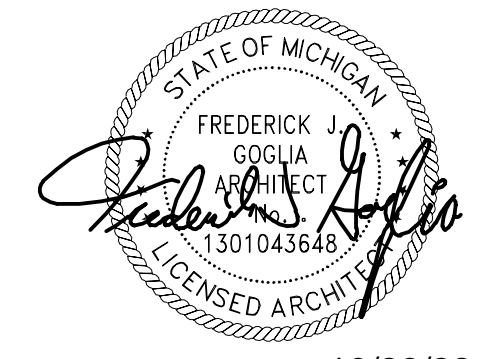
(2 AD) NEW FLOOR DRAIN TO BE LEVEL. FINISH FLOOR IN RESTROOM MUST NOT EXCEED 2% SLOPE IN ANY DIRECTION.

KEY NOTES **B**

FLOOR PLAN NOTES **C**

WALL LEGEND **D**

ARCVISION
INCORPORATED
ARCHITECTURE • ENGINEERING • STORE PLANNING
SAINT LOUIS / DALLAS / LAS VEGAS / ORLANDO
1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com



10/28/22

CONTRACT DATE:
BUILDING TYPE: N2T-M70HD
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WANCHE
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

TACO BELL
205 ANN ARBOR RD.
PLYMOUTH, MI 48170

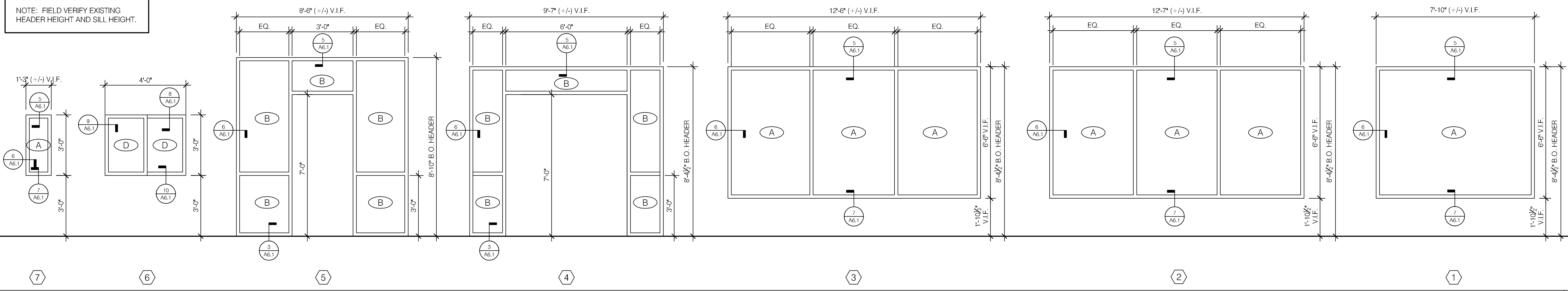


FLOOR PLAN

A1.0

R0 SET ISSUED: 10.27.22

NOTE: FIELD VERIFY EXISTING HEADER HEIGHT AND SILL HEIGHT.

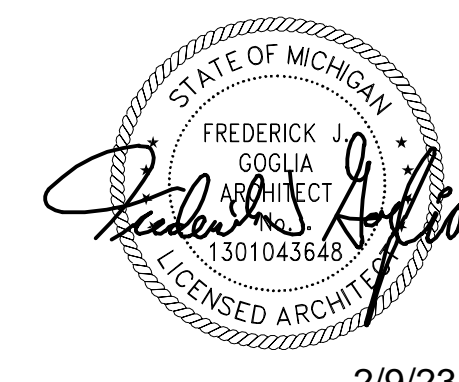


WINDOW TYPES 3/8" = 1'-0" **A**

- LAMINATE DOOR. SEE INTERIOR ELEVATIONS
- MOUNT DOOR CLOSERS ON RESTROOM OR KITCHEN SIDE ONLY.
- FRAMES SHALL BE PAINTED P-3.
- NOT USED.
- MOUNT KICKPLATE ON PUSH SIDE ONLY.
- ADJUST DOOR CLOSER MAXIMUM DOOR OPERATING PRESSURE : 5 LBS INTERIOR ; 8.5 LBS EXTERIOR MEASURED AT 90 DEGREES TO THE DORO AT THE STRIKE SIDE EDGE. DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
- ADA COMPLIANT ACCESSIBILITY SIGNAGE WHERE REQUIRED (OR AS REQUIRED BY LOCAL JURISDICTION) - (1) MEN; (1) WOMEN
- RESTROOM SIGN IF REQUIRED. VERIFY LOCAL REQUIREMENTS.
- PROVIDE PUSH/PULL PLATES. IF REQUIRED BY LOCAL CODE, STOREFRONT DOOR PANIC HARDWARE SHALL BE: DOR-O-MATIC 2092 RIM PANIC HARDWARE AND EXTERIOR PULLS WITH QUALITY #520 DOOR PULL
- INSTALL WITH APPLIED DOOR STOPS AND WEATHER STRIPS.
- PROVIDE LATCH AND STRIKE PLATE HARDWARE BY DOOR MFR. TO BE COMPATIBLE WITH LOCK.

DOOR NO.	ROOM NAME	DOOR SIZE		TYPE	DOOR	FRAME	BUTTS		LOCKS						CLOSERS		KICKPLATE		THRESHOLD		DOOR STOP		MISCELLANEOUS				DETAIL LOCATIONS			DOOR NOTES								
		WIDTH	HEIGHT				OFFSET PIVOTS PER DR. MFR., TOP & BTM	1 1/2 PR McKINNEY #TA2731, 4-1/2" x 4-1/2"	CONT. HINGE INCLUDED IN PACKAGE	H.D. TYPE 304 S.S. BOBRICK SPRING LOADED	YALE B-PB5405LNIC 626	YALE PB5402LN 626*	YALE PB5407LN 626	PANIC HARDWARE INCLUDED IN PACKAGE	FALCON C953-7 OR C987-7 AS REQUIRED	FALCON D-271	BOBRICK LATCH & KEEPER	FULL LENGTH LATCH PROTECTOR INCL. IN PKG.	DORMA 8616 X 689	CLOSER INCLUDED IN PACKAGE	DORMA 7414 ARP SNB 689	X STAINLESS STEEL 10" x .050 X 2" L.T.D.W.*	KICKPLATE INCLUDED IN PACKAGE	ACCESSIBLE ALUM. THRESHOLD BY DOOR MFR.	THRESHOLD INCLUDED IN PACKAGE	FLOOR STOP - ROCKWOOD 441 CU	X HINGE STOP - ROCKWOOD 532.NP	WALL STOP - ASA 0714 COAT HOOK W/ BUMPER	PUSH PLATE ROCKWOOD 70F - 8" X 16"		PULL PLATE TRIMCO 1017-3B - 4" X 16"	STD. ADJUSTABLE DOOR SWEEP PER DR. MFR.	SWEEP (VISTA 231 STD) NCP 101VA	X UNDERCUT 3/4"	PROVIDE A SIGN STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS"	COAT HOOK - BOBRICK	DOOR SIGN	XCLUDER PEST CONTROL DOOR SWEEP # 162622
1	WOMEN'S RESTROOM	3' - 0"	6' - 8"	A	WD	HM		X							X		X	X																				1, 2, 3, 5, 6, 7, 8
2	MEN'S RESTROOM	3' - 0"	6' - 8"	A	WD	HM		X									X	X																			1, 2, 3, 5, 6, 7, 8	
3	SIDE ENTRY STORE FRONT	3' - 0" (2)	7' - 0"	B	ALUM.	ALUM.	X				X				X				X																	6, 7, 9, 10, 11		
4	FRONT ENTRY STORE FRONT	3' - 0"	7' - 0"	C	ALUM.	ALUM.	X				X				X				X																	6, 7, 9, 10, 11		
5	SERVICE DOOR	4' - 0"	7' - 0"	E	HM	HM			X					X	X				X		X					X	11/A6.1	12/A6.1	13/A6.1					2, 5, 6, 9, 10, 11				
6	VESTIBULE STOREFRONT	3' - 0"	7' - 0"	D	ALUM.	ALUM.	X				X				X				X															6, 7, 9, 10, 11				

NOTE: CONTRACTOR SHALL FIELD VERIFY EXISTING DOOR OPENING PRIOR TO ORDERING.

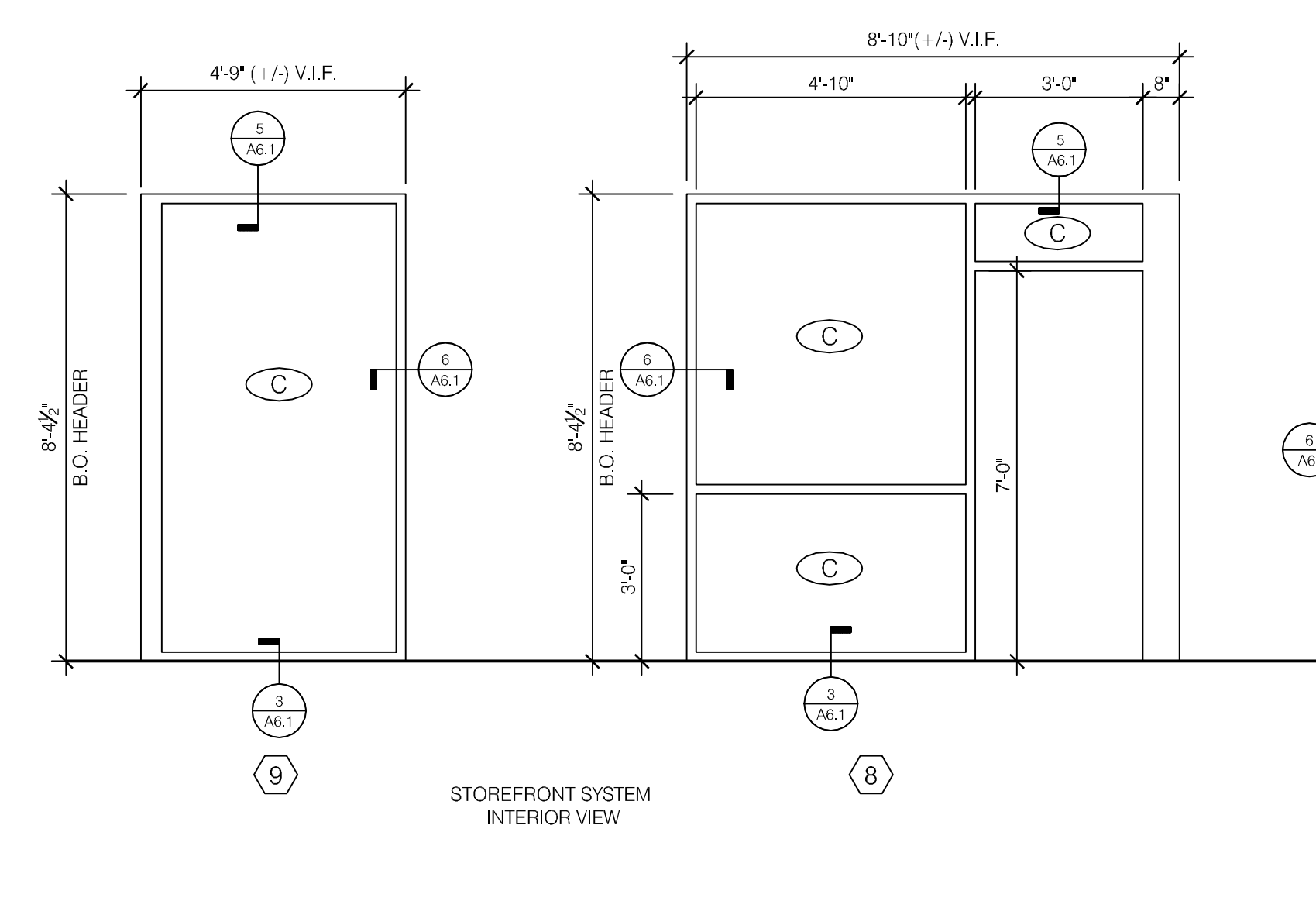


2/9/23

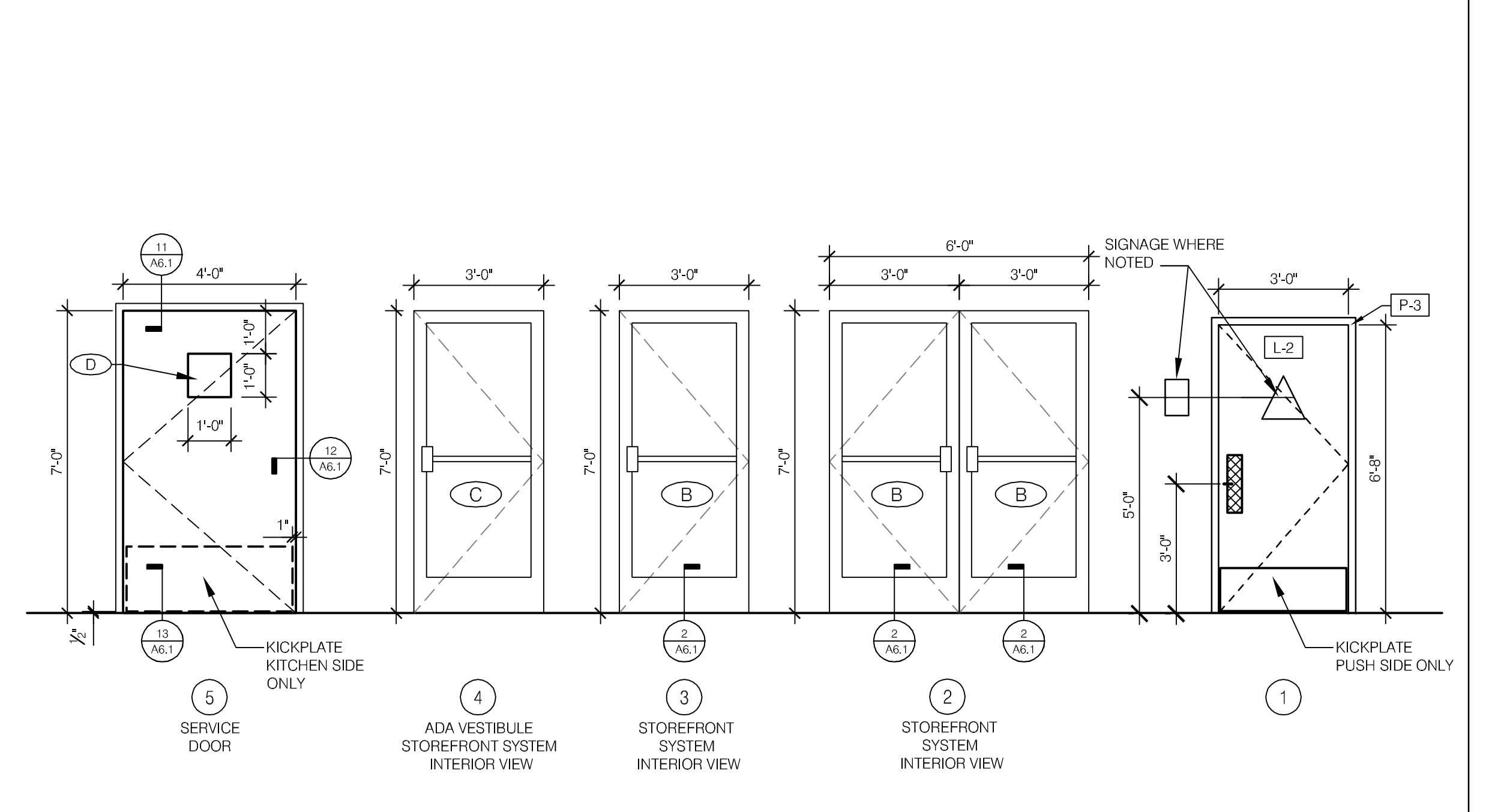
02.08.23 PLANNING COMMENTS

DOOR SCHEDULE NOTES **C**

NOTE: FIELD VERIFY EXISTING HEADER HEIGHT AND SILL HEIGHT.



VESTIBULE WINDOW TYPES 3/8" = 1'-0" **F**



DOOR TYPES 3/8" = 1'-0" **E**

DOOR SCHEDULE **B**

- G.C. TO FIELD VERIFY ROUGH OPENING DIMENSIONS FOR EXACT SIZES. DIMENSIONS SHOWN ON PLANS ARE TO FRAME EDGE TAKEN FROM SURVEY, DO NOT INCLUDE ROUGH OPENING.
- STOREFRONT SHALL BE BRONZE.
- SEE SCHEDULE FOR GLASS TYPES.
- REFER TO FLOOR PLAN, ELEVATIONS AND WALL SECTIONS FOR EXISTING SURVEYED DIMENSIONS.
- ALL STOREFRONT MATERIAL AND GLAZING SHALL BE SUPPLIED AND INSTALLED BY G.C. U.N.O.

GLASS SCHEDULE			
(A)	1" INSULATED GLASS	(C)	1/4" TEMPERED GLASS
(B)	1" INSULATED TEMPERED GLASS	(D)	SAFETY GLASS BY MFR.

NOTE: SHADING COEFFICIENT SPECIFICATION PER LOCAL CODE REQUIREMENTS. DAYTIME VISIBILITY INTO DINING ROOM SHALL BE MAINTAINED.

**** ALL STOREFRONT GLAZING SHALL BE LOW 'E' SOLAR GLASS ****

NATIONAL ACCOUNT SUPPLIER	
INTERIOR DOORS, FRAMES & HARDWARE	HAMILTON PARKER
LOCKNET CONSTRUCTION@LOCKNET.COM 800 JOHN C. WATTS DR. NICHOLASVILLE, KY 40356 855-432-4613, FAX: 877-887-4958	JIM CAMPBELL EMAIL: JIMCAMPBELL@HAMILTONPARKER.COM PHONE: 614-358-7806

STOREFRONT SPECIFICATION	
STOREFRONT OLD CASTLE FG-300	GLAZING VITROGLAZINGS SOLARBAN 70 SOLAR CONTROL LOW-E GLASS
ENTIRE STOREFRONT SYSTEM SHALL BE DARK BRONZE.	

FLOOR PLAN NOTES **D**

CONTRACT DATE:
BUILDING TYPE: N2T-M7QHD
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WANCHE
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

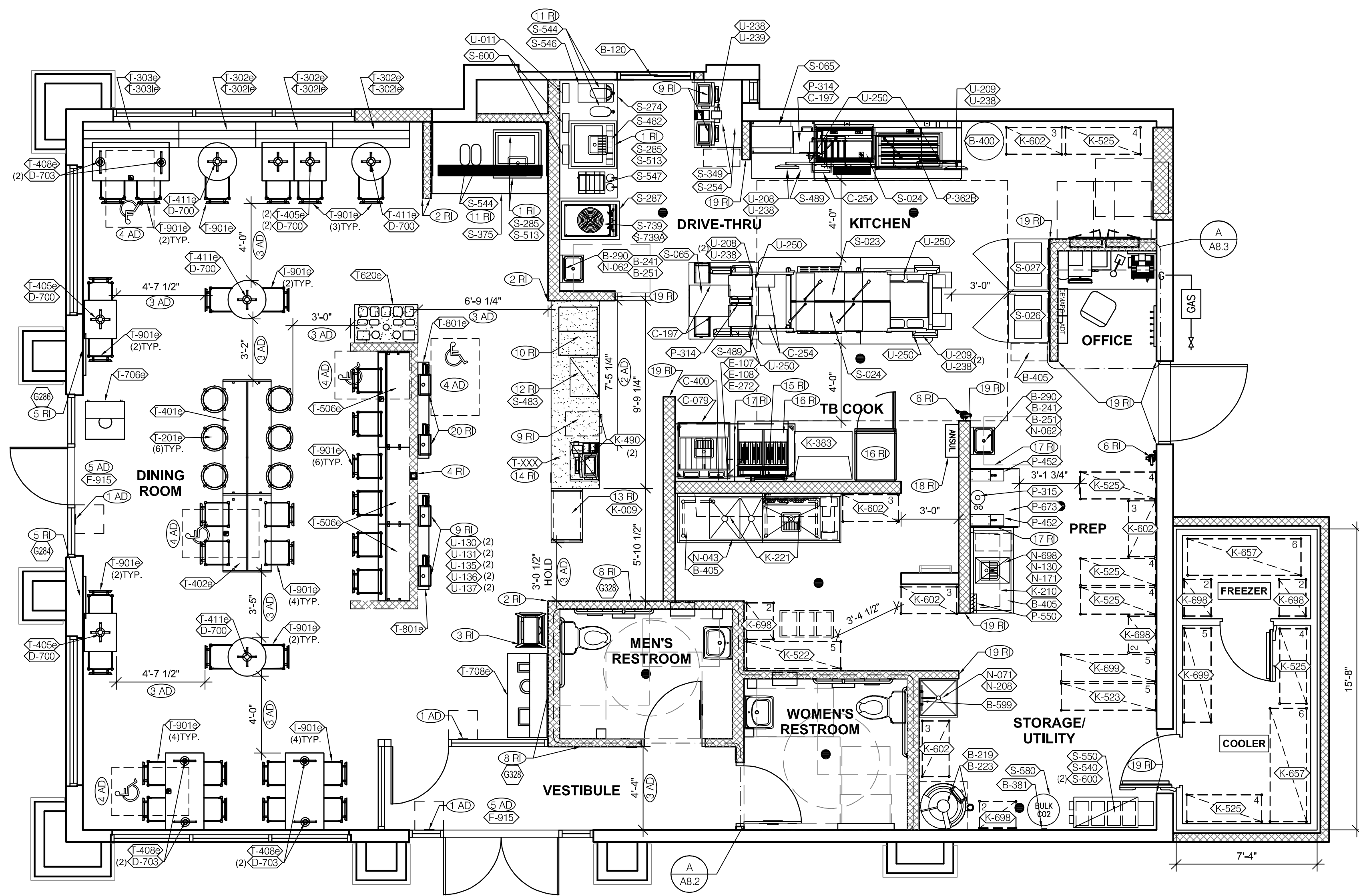
TACO BELL
205 ANN ARBOR RD.
PLYMOUTH, MI 48170



DOOR AND WINDOW SCHEDULE

A1.1

RO SET ISSUED: 10.27.22



SEATING AND EQUIPMENT PLAN 1/4" = 1'-0" **A**

NEW FURNITURE SCHEDULE		
EQ#	COUNT	DESCRIPTION
D-700	8	22" X 22" X 28.5" H FREE STANDING TABLE BASE
D-703	6	22" X 5.5" X 28.5" H FREE STANDING TABLE BASE
T-401e	1	HUB TABLE 72" - HIGH-TOP
T-402e	1	HUB TABLE 48" - ADA
T-405e	4	LAMINATE TABLE - 24 X 20 X 30 - 2 TOP
T-408e	3	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP
T-411e	4	SS TABLE - 24 DIA X 30 - 2 TOP
T-201e	6	29" BARREL BARSTOOL
T-901e	32	CHAIR - BLACK METAL FRAME, LAMINATE SEAT
T-302e	3	BENCH SEAT - 48"
T-302le	3	BENCH BACK- 48"
T-303e	1	BENCH SEAT - 60"
T-303le	1	BENCH BACK- 60"
T-XXX	1	CUSTOM SERVICE COUNTER
T-620e	1	CONDIMENT TABLE
T-706e	1	SINGLE STREAM TRASH ENCLOSURE
T-708e	1	3-STREAM TRASH ENCLOSURE
T-801e	2	60" KIOSK 1/2 TOWER

NEW FURNITURE SCHEDULE **G**

EQ#	COUNT	DESCRIPTION
G-284-E-F01	1	FRAMED ART - 28x40 GO MOBILE - BELL
G-286-E-F01	1	FRAMED ART - 28x40 GO MOBILE - LP
G-328-E-M01	1	CUSTOM SIZE GO MOBILE - LP MURAL

ARTWORK SCHEDULE **E**

- *HOLD* DIMENSIONS ARE FROM FACE OF FINISH.
- G.C. TO CONFIRM *HOLD* DIMENSIONS WITH EQUIPMENT.
- ALL DIMENSIONS FOR SEATING SHALL BE FROM FACE OF GYP BD.
- VERIFY ALL DIMENSIONS WITH SEATING VENDOR PRIOR TO INSTALLATION.
- REFER TO SW SHEETS FOR SCOPE OF WORK RESPONSIBILITIES.
- SEE INTERIOR ELEVATIONS A8.0 FOR LOCATION OF OWNER SUPPLIED ARTWORK.
- PROVIDE THE FOLLOWING HARDWARE FOR EACH CABINET DOOR:
KNOB: STANLEY 4482 (1 EA)
CATCH: STANLEY SP35 (1 EA)
HINGE: STANLEY 1588 (2 EA)
- ALL SOLID SURFACES TO BE PROPERLY SEALED PER MFRS SPECIFICATIONS.
PAINT UNDERSIDE OF SERVICE COUNTER WITH WHITE GLOSS PAINT AND PROVIDE METAL ANGLE LEDGER FOR END OF COUNTER IF VENDOR DOES NOT PROVIDE ONE.
- SYMBOL DENOTES A HANDICAP ACCESSIBLE TABLE.

SEATING PLAN NOTES **C**

SQUARE FOOTAGES:		SEATING:	
FOH	1,087 SF	INTERIOR	42
BOH	1,156 SF		
TOTAL	2,243 SF	TOTAL	42

SHELVING QUANTITIES

STORAGE TYPE	REQUIRED	PROVIDED
DRY	---	52 LINEAR FT.
COLD	---	19 LINEAR FT.
FROZEN	---	10 LINEAR FT.

GENERAL INFORMATION **D**

REMODEL IMAGE (RI)

- (1 RI) NEW DRINK TABLE AND ICE MACHINE INSTALLED BY G.C. BOTH NEW BEVERAGE MACHINES TO BE INSTALLED BY PEPSI TECHNICIAN. G.C. TO VERIFY WITH PEPSI TECHNICIAN, BEVERAGE UNITS COMPLY WITH ADA REQUIREMENTS.
- (2 RI) CORNER GUARD USE AS REQUIRED. REFER TO INTERIOR ELEVATIONS A8.0 FOR ADDITIONAL INFORMATION.
- (3 RI) HIGH CHAIRS BY OWNER, STACKED.
- (4 RI) ROUTE POWER AND DATA FOR NEW & RELOCATED KIOSK FROM CEILING DOWN THROUGH WIRE CHASE PROVIDED BY FURNITURE VENDOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (5 RI) NEW FRAMED ARTWORK SUPPLIED AND TO BE INSTALLED BY VENDOR. REFER TO INTERIOR ELEVATIONS A8.0 FOR ADDITIONAL INFORMATION.
- (6 RI) EXISTING FIRE EXTINGUISHER TO BE RELOCATED AS SHOWN. VERIFY RATING FOR KITCHEN TO BE K-RATED.
- (7 RI) INSTALL WALL TILE TO CEILING LEVEL. REFER TO FINISH SCHEDULE A7.1 AND INTERIOR ELEVATIONS A8.0 FOR ADDITIONAL INFORMATION.
- (8 RI) GRAPHIC WALL MURAL. REFER TO INTERIOR ELEVATION A8.0 FOR ADDITIONAL INFORMATION.
- (9 RI) EXISTING POS AND CONNECTING EQUIPMENT TO BE INSTALLED BY PAR TECHNICIAN. NEW PANIC BUTTON TO BE INSTALLED. REFER TO 3/A8.5 FOR ADDITIONAL INFORMATION.
- (10 RI) EXISTING SAFE TO BE REINSTALLED BY BRINKS TECHNICIAN.
- (11 RI) NEW TEA URNS TO BE LOCATED AS SHOWN.
- (12 RI) NEW CUP DISPENSER TO BE LOCATED AS SHOWN AT SERVICE COUNTER.
- (13 RI) NEW GO MOBILE DELIVERY & PICKUP SHELF TO BE INSTALLED BY G.C. REFER TO INTERIOR ELEVATION 4/A8.0 & A8.5 FOR ADDITIONAL INFORMATION.
- (14 RI) NEW CUSTOM SERVICE COUNTER. REFER TO INTERIOR ELEVATIONS A8.0 & A8.5 FOR ADDITIONAL INFORMATION.

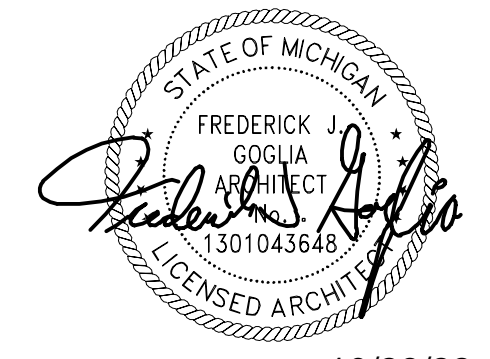
- (15 RI) G.C. TO INSTALL NEW ANSUL NOZZLE ABOVE NEW EQUIPMENT.
- (16 RI) EXISTING BOH EQUIPMENT TO BE RELOCATED AS SHOWN.
- (17 RI) SPLASH GUARD. REFER TO DETAIL 9/A6.0 FOR ADDITIONAL INFORMATION.
- (18 RI) ANSUL RELOCATED AS SHOWN.
- (19 RI) NEW BOH STAINLESS STEEL 2 X 2 CORNER GUARDS AND END WALL GUARDS TO BE INSTALLED AS REQUIRED. REFER TO DETAIL 6/A6.0 FOR ADDITIONAL INFORMATION.

ADA NOTES (AD)

- (1 AD) PROVIDE TACTILE EXIT SIGN AT EGRESS DOOR PER "TACTILE SIGN". REFER TO DETAIL ADA1.1 FOR ADDITIONAL INFORMATION.
- (2 AD) 36" MIN. CLEAR COUNTERTOP, 34" AFF REQUIRED PER ADA.
- (3 AD) MAINTAIN MINIMUM 36" CLEAR ACCESSIBLE AISLE, 32" AT DOORWAYS AND CASED OPENINGS, 42" MIN. EGRESS PATH ALONG ROUTES WITH ACCESSIBLE SEATING PREFERRED.
- (4 AD) 30" X 48" CLEAR FLOOR SPACE FOR ACCESSIBLE SEATING POSITION.
- (5 AD) IF DOOR MAT IS USED AT ENTRANCES/EXITS, COMPLY WITH ADA REQUIREMENTS SECURE IN PLACE AS REQUIRED.

KEY NOTES **B**

ARCVISION
INCORPORATED
 ARCHITECTURE • ENGINEERING • STORE PLANNING
 SAINT LOUIS / DALLAS / LAS VEGAS / ORLANDO
 1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
 PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com



10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M7QH0
 PLAN VERSION: ENDEAVOR
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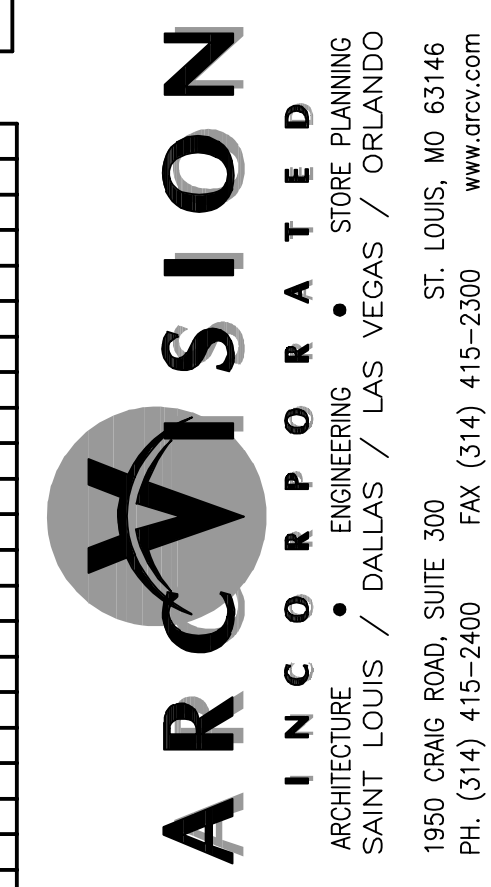
SEATING AND EQUIPMENT PLAN

A2.0

RO SET ISSUED: 10.27.22

EQUIPMENT SCHEDULE

TAG #	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMBING ELECTRICAL	REMARKS	TAG #	ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMBING ELECTRICAL	REMARKS
B CONTRACTOR BUILDING ELEMENTS									
B-049	ROOF LADDER	PRECISION LADDER #PH-G2-6X3-0			S-023	1 WARMER, EVO 1	CARTER-HOFFMAN		X MOUNT ON PRODUCTION LINE OVER SHELF
B-050	ROOF HATCH				S-024	2 WARMER, EVO 1	CARTER-HOFFMAN		X MOUNT ON PRODUCTION LINE OVER SHELF
B-120	1 X DRIVE-THRU WINDOW				S-026	1 X HEAT CABINET - FULL HEIGHT - (1) LH	CRESCOR #H137S27D1TB		X W/8 SHELVES EACH
B-219	1 X WATER HEATER DUNNAGE RACK	NEW AGE INDUSTRIAL CORP., INC #98147			S-027	1 X HEAT CABINET - FULL HEIGHT - (1) RH	CRESCOR #H137S27D1TB		X W/8 RACKS
B-223	1 X 88% HIGH EFFICIENCY 120 MBH, 60 GAL. GAS WATER HEATER	A.O. SMITH 8TH 120 60 CYCLONE HE	X	X	S-065	3 X DESSERT TOWER	HATCO #GRBW-24D		
B-241	4 X SOAP DISPENSER (WALL MOUNT)	KAY 3741			S-204	1 X DRIVE-THRU TIMER SYSTEM	HME #C11422TB		X
B-251	4 X SANITIZER DISPENSER (WALL MOUNT)	KAY 3741			S-254	1 X CONDIMENT RACK	PRONTO #CHPM0446		X
B-253	2 X PAPER TOWEL DISPENSER/TRASH 12 GAL.	BOBRICK #B-3944			S-274	1 X DRIVE-THRU BEVERAGE WORKSTATION	SPG WST1242YA		X OPTIONAL; METRO
B-265	2 X MIRROR, 18 X 36	BOBRICK #B-165-1636			S-283	1 X DRINK STAGER WITHOUT STRAW HOLDER	WST788E		
B-275	2 X TOILET PAPER DISPENSER	BOBRICK #B-2890			S-284	1 X BEVERAGE DISPENSER - SELF-SERVE	CORNELIUS 611057625		X X SEE SCOPE OF WORK (PEPSI)
B-290	2 X PAPER TOWEL DISPENSER	BOBRICK #B-262			S-285	1 X BEVERAGE DISPENSER - DRIVE THRU	SERVEND		X X SEE SCOPE OF WORK (PEPSI)
B-300	2 X GRAB BAR 1-1/2 DIA. X 42 S.S. FIN.	BOBRICK #B6806X42			S-286	1 X WATER FILTER SYSTEM	SHURFLO #WB6-M3-22-003		X X FRANCHISEES CAN USE SELECTO
B-305	2 X GRAB BAR 1-1/2 DIA. X 48 S.S. FIN.	BOBRICK #B6806X48			S-287	1 X ISS-TABLE, D/T, TB, 24 IN X36 IN PREASSEMBLED	FBD #1273610021		X X #TBS/620-5
B-310	2 X GRAB BAR VERTICAL 1-1/2 DIA. X 18 S.S. FIN.	BOBRICK #B6806X18			S-349	1 X DRIVE-THRU PICK-UP WORKSTATION 30X42	SPG		X X OPTIONAL;METRO
B-381	1 X CO2 CARBON DIOXIDE SENSOR/WARNING	LogiCO2 CO2 MK9 SENSOR		X	S-375	1 X DRINK STATION	CARTER-HOFFMAN		X S/S, INSULATED DRAIN TROUGH, WEIGHT
B-400	2 X WASTE BASKET - 32 GALLON	RUBBERMAID #2632 (GREY)			S-443	1 X JID DISPENSER	CAL-MIL ADA TB103		X RATED
B-405	6 X WASTE BASKET	RUBBERMAID 23 GALLON (BLACK)			S-444	1 X NAPKIN DISPENSER	TOR XPRESSNAP #5555100		
B-406	1 X WASTE BASKET	RUBBERMAID 28 QT #2956 (BLACK)			S-482	1 X CUP DISPENSER	A.J. ATUNES #DAC560		
B-410	1 X SANITARY NAPKIN RECEPTACLE	RUBBERMAID #6140			S-483	1 X CUP DISPENSER	A.J. ATUNES #DAC550		
B-599	1 X MOP SINK SHELVEING	SPG #WST8606Y			S-489	3 X SCALE	EDLUND		
C COOKING EQUIPMENT									
C-079	1 X DUAL Fryer	FRYMASTER #2FOG30U		X X COMES WITH GAS HOSE KIT (OPTIONAL); EXISTING	S-544	4 X ICE TEA URN	BUNN/DO-N-3.5		X X SEE SCOPE OF WORK (PEPSI)
C-107	1 X RETHERMALIZER	PTCO #TB-SRTG14-2		X X PTICO #1B-SSHV14-2/FD VST)	S-546	1 X IGED TEA BREWER	TELEY TB30		X X
C-197	3 X TOASTER, SPLIT LID	PROLUXE SL1286TB		X X POWERED BY PRODUCTION LINE - (OPTIONAL; STAR #PSC14D1B)	S-547	1 X POD COFFEE BREWER	MY CAFE AP AUTOPOD #42300.0008		
C-254	3 X CHEESE MELTER (SINGLE)	A.J. ATUNES #CM-100		X X POWERED BY PRODUCTION LINE	S-550	1 X BAG-IN-BOX SYRUP RACK	CORNELIUS/REMCOR BNP1288P		X X FLO-3REG-2CRB (BY PEPSI)
C-400	1 X RETHERMALIZER TIMER	FAST #TBZAP12120V		X X	S-570	2 X CARBONATOR	CORNELIUS/REMCOR		X X SHELF MOUNTED BELOW EACH DRINK (BY PEPSI)
E EXHAUST HOODS/FIRE SUPPORT									
E-107	1 X KITCHEN HOOD	STRATOVENT #TBQ3650SVBD6FT3IN		X	S-680	1 X CO2 BULK TANK	MVE #11805373		X
E-108	1 X STROTEVENT 106 IN. H. X 111 IN. L. BACK SPLASH	STROTEVENT MODEL #BACKSPLASH106X111FLA		X	S-520	4 X BUINDED SYRUP LINES	CORNELIUS/REMCOR TUBE BUNDLE		X X SEE SCOPE OF WORK (PEPSI)
E-272	1 X TIMER OUTLET			X	S-739	1 X FROZEN BEVERAGE DISPENSER, REMOTE	FBD #12-7362-00021		X X MUST ORDER REMOTE CONDENSER S-739A
				X	S-739A	1 X FREEZE TRANSFORMER			X X FREEZE TRANSFORMER
				X	S-740	1 X FROZEN BEVERAGE CONDENSER, REMOTE	FBD #12-3003-0006		X X 40 IN X 17 IN X 21 IN 208 SINGLE PHASE 2 WIRE 15 AMP, 105LB
F OFFICE/EMPLOYEE/MUSIC/MISCELLANEOUS									
F-014	1 X FILE CABINET (2 DRAWER HIGH) 18X36X27H	HON #582L1			U SECURITY/COMMUNICATIONS/FIRE PROTECTION/POS				
F-021	1 X CHAIR - OFFICE	HON #4609A810			U-011	1 X BASE STATION - D/T COMM. SYSTEM	HME #C40000-5HS3-TB		
F-022	1 X LICENSE FRAME (BLACK)	CREATIVE PALETTE TB30		X	U-052	2 X SECURITY SYSTEM	ADT #3BCZTB		X X
F-026	1 X DESK LAMP	TBD			U-061	2 X CREDIT CARD READER			X X
F-030	1 X COAT HOOK	ISS #HOOK246R2Y		X	U-062	1 X DRIVE-THRU CREDIT CARD READER	VERIFONE P400		X
F-040	1 X OFFICE COMPUTER	POS PROVIDED		X	U-063	2 X ALARM SENSOR			X X
F-050	1 X CREDIT CARD SATELLITE ROUTER JUNCTION				U-070	3 X RECEIPT PRINTER	EPSON		X 2 FOR F/C AND 1 D/T 5.71 IN X 7.68 IN X 5.83 IN
F-060	1 X MONITOR - OFFICE	YUM			U-100	4 X POS/ORDER ENTRY TERMINAL			X 2 FOR F/C AND 1 D/T
F-080	1 X OFFICE PRINTER/COPIER/FAX/SCANNER	POS PROVIDED		X	U-121	3 X CASH DRAWER BRACKETS	#SU186075Y		X 2 PER CASH DRAWER
F-090	6 X UPS (UN-INTERRUPTABLE POWER SUPPLY)	POS PROVIDED		X	U-130	2 X MOUNTING PLATE			
F-102	1 X MONEY COUNTER	TELLERMATE #TMR3000		X	U-131	2 X KEYPAD MOUNTING PLATE			
F-131	1 X SPEAKERS	MOOD MEDIA LOCAL LEASE		X	U-135	2 X KIOSK TABLET	SSP		X
F-165	2 X FRONT LOAD SAFE	PERMA VAULT #PRO-10TM			U-136	2 X VERIFONE (CREDIT CARD MACHINE)	SSP		X
F-174	1 X SAFE WITH TOUCH SCREEN CONTROLS			X	U-137	3 X MONITOR SUPPORT ARM			
F-211	1 X CLOCK	B&B SYSTEMS #02100100			U-152	3 X CASH DRAWER	IBM, NCR & PAR		X 2 FOR F/C AND D/T
F-262	1 X 6 COUNT EMPLOYEE LOCKERS E76000235	LYON WORKPLACE 12" X 18" X 78" GREY		X	U-208	3 X MONITOR SUPPORT ARM	FACILITY SOLUTIONS		X KIT, TB, 391 L - CRADLE NOT INCLUDED
F-270	1 X FIRST AID KIT	PROSTAT FIRST AID LCC #2617		X	U-209	3 X MONITOR SUPPORT ARM	FACILITY SOLUTIONS		X KIT, TB, 24.251 MONITOR SUPPORT ARM, CRADLE NOT INCLUDED
F-500	2 X STACKABLE HIGH CHAIR				U-238	9 X KITCHEN MONITOR	IBM, NCR & PAR		X MONITOR ON STAND
F-504	1 X DVR & MONITOR				U-239	3 X MONITOR CEILING MOUNTED BRACKET	IBM, NCR & PAR		
F-915	2 X FLOOR MAT	CREWSAFE, ENTRANCE 1 #41150012			U-250	7 X BUMP BAR WITH MOUNTING PLATE	IBM, NCR & PAR		X WITH MOUNTING PLATE
F-920	1 X RUBBER MAT	CREWSAFE, WSM#800507							
K WORKSTATIONS/SHELVEING/CARTS									
K-132	1 X CART, CLOSING MADE SIMPLE	SPG / ISS (Alternate: METRO)			W WALK-IN COOLERS/FREEZERS				
K-210	1 X PREP SINK WORKSTATION 50 TRACK	SPG / ISS (Alternate: METRO)			W-059	1 X WALK-IN (CUSTOM SIZE)	ICS/NORLAKE #105181		X X COMBO, TB, #105181, BUDGETARY 19-4X7X9-2 OAD, MEDIUM BUILDING PROTOTYPE, INCLUDES LED
K-221	1 X 3 COMP SINK WORKSTATION 96 TRACK	SPG / ISS (Alternate: METRO)			R REFRIGERATION				
K-379	1 X FRY WORKSTATION 42W X 30D X 75H	SPG / ISS (Alternate: METRO)			R-208	1 X FRY STATION REACH-IN FREEZER (RIGHT HINGED)	DELFIELD #GBF1P-SH-TB2		X X OPTION: LEFT HINGED VERSION - DELFIELD #GBF1P-SHK-TB2
K-420	1 X SHELF, BEV PLATFORM 18X24	SPG / ISS (Alternate: METRO)			R-209	1 X FRY STATION REACH-IN FREEZER (LEFT HINGED)	DELFIELD #GBF1P-SH-TB2		X X OPTION: LEFT HINGED VERSION - DELFIELD #GBF1P-SHK-TB2
K-490	2 X SHELVEING 18x24x24, 2-TIER	SPG / ISS (Alternate: METRO)							
K-522	1 X SHELVEING, 18x60x76, 5-TIER, SMALL PACKAGING	SPG / ISS (Alternate: METRO)							
K-523	1 X SHELVEING, 18x60x76, 3-TIER, CUP & LID	SPG / ISS (Alternate: METRO)							
K-525	6 X SHELVEING 18x48x76, 5-TIER	SPG / ISS (Alternate: METRO)							
K-602	5 X SHELVEING, 18x36x86, 5-TIER, DRY STORAGE	SPG / ISS (Alternate: METRO)							
K-607	1 X SHELVEING, 18x72	SPG / ISS (Alternate: METRO)							
K-657	2 X SHELVEING 24x72x86, 5-TIER	SPG / ISS (Alternate: METRO)							
K-698	5 X SHELVEING 18x24x74, 5-TIER	SPG / ISS (Alternate: METRO)							
K-699	2 X SHELVEING 18x60x74, 5-TIER	SPG / ISS (Alternate: METRO)							
GO MOBILE									
K-009	1 X 9-HOLD 'GO MOBILE' PICKUP SHELF								
N SINKS/DISHWASHER									
N-043	1 X 3-COMP POWER SOAK 102	UNIFIED #P56750		X X GEN IV POWERSOAK INCLUDES T&S FAUCET #B-2475-PS-OH (FRANCHISE OPTION: GEN III)					
N-062	2 X STAINLESS STEEL WALL MOUNTED SINK WITH FAUCET	AERO #HS-MOD		X					
N-071	1 X MOP SINK FAUCET	T&S B-2465		X					
N-130	1 X 1 COMP PREP SINK FAUCET	T&S B-0831-WA		X					
N-141	2 X WALL MOUNTED LAVATORY	AMERICAN STANDARDS BRAND		X					
N-146	2 X FAUCET (RESTROOMS)	T&S FAUCET B-0831-WA		X					
N-171	1 X LEVER WASTE DRAIN			X					
N-208	1 X MOP SINK	AERO #3MP-2121-6/1P		X					
N-698	1 X 1 COMP PREP SINK 53W X 27D X 35 1/2H	AERO #2F1211617LR		X					
P FOOD PREPARATION									
P-314	1 X WATER PRESSURE REGULATOR KIT	A.J. AUTUNES & CO. #7000314		X					
P-315	1 X REVERSE OSMOSIS SYSTEM	3M #56123-06, FSTM-075		X					
P-335	1 X STANDARD I-FLEX LINE	SERTEK		X					
P-362B	1 X FLEX DUAL LINE	SERTEK		X					
P-417	1 X B-CHANNEL TIMER	FAST #KTRACK24TB		X					
P-452	2 X HOT WATER SYSTEM	BUNN-MACHINE #43600.0014		X X Each System= Water Heater #43600.0014, Bracket #13125.0003, Shelf#12599.0000, Scale Inhibitor #39000.0001					
P-541	1 X STORAGE BINS	B4B SYSTEMS #03070100							
P-550	1 X KNIFE RACK	EDLUND #KR-699							
P-673	1 X WORK TABLE								



10/28/22

CONTRACT DATE: N2T-M70HD
BUILDING TYPE: ENDEAVOR
PLAN VERSION: FRANK WACHO
BRAND DESIGNER: 4986
SITE NUMBER: 200370
ARCVISION NUMBER: TACO BELL

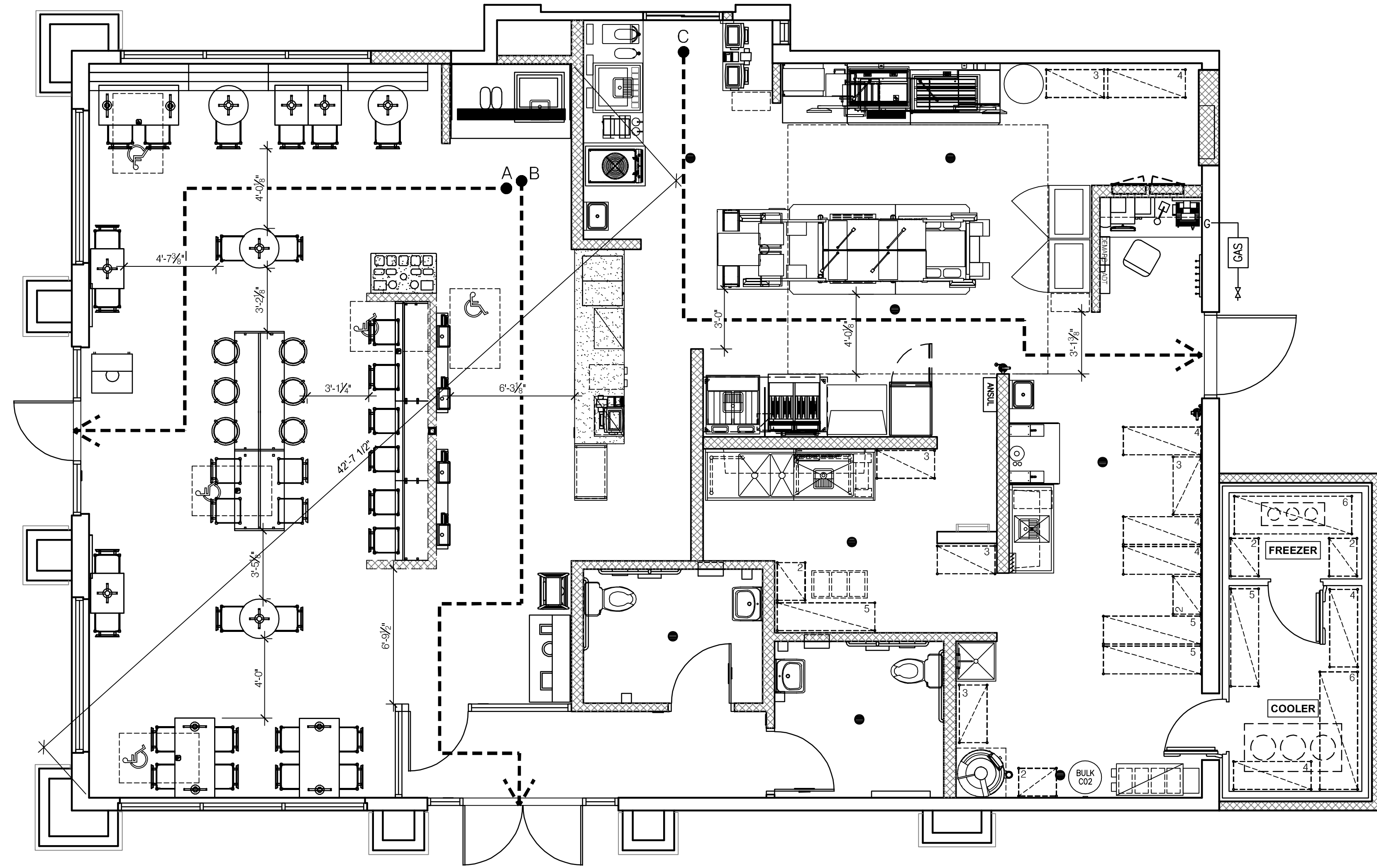
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EQUIPMENT SCHEDULE

A2.1

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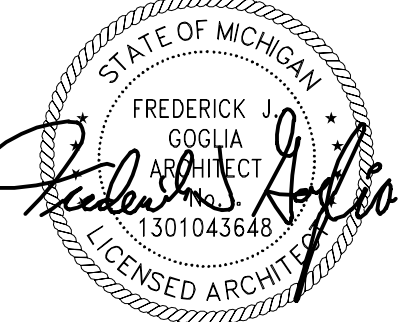
EGRESS PLAN 1/4"=1'-0" **A**

PATH OF EGRESS

SYMBOLS **A1**

EGRESS PATH	DISTANCE
A	33'-10"
B	39'-6"
C	41'-3"

SHELVING QUANTITIES REQUIRED **A2**



10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M7QHD
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 BRAND DESIGNER: FRANK WANCHO
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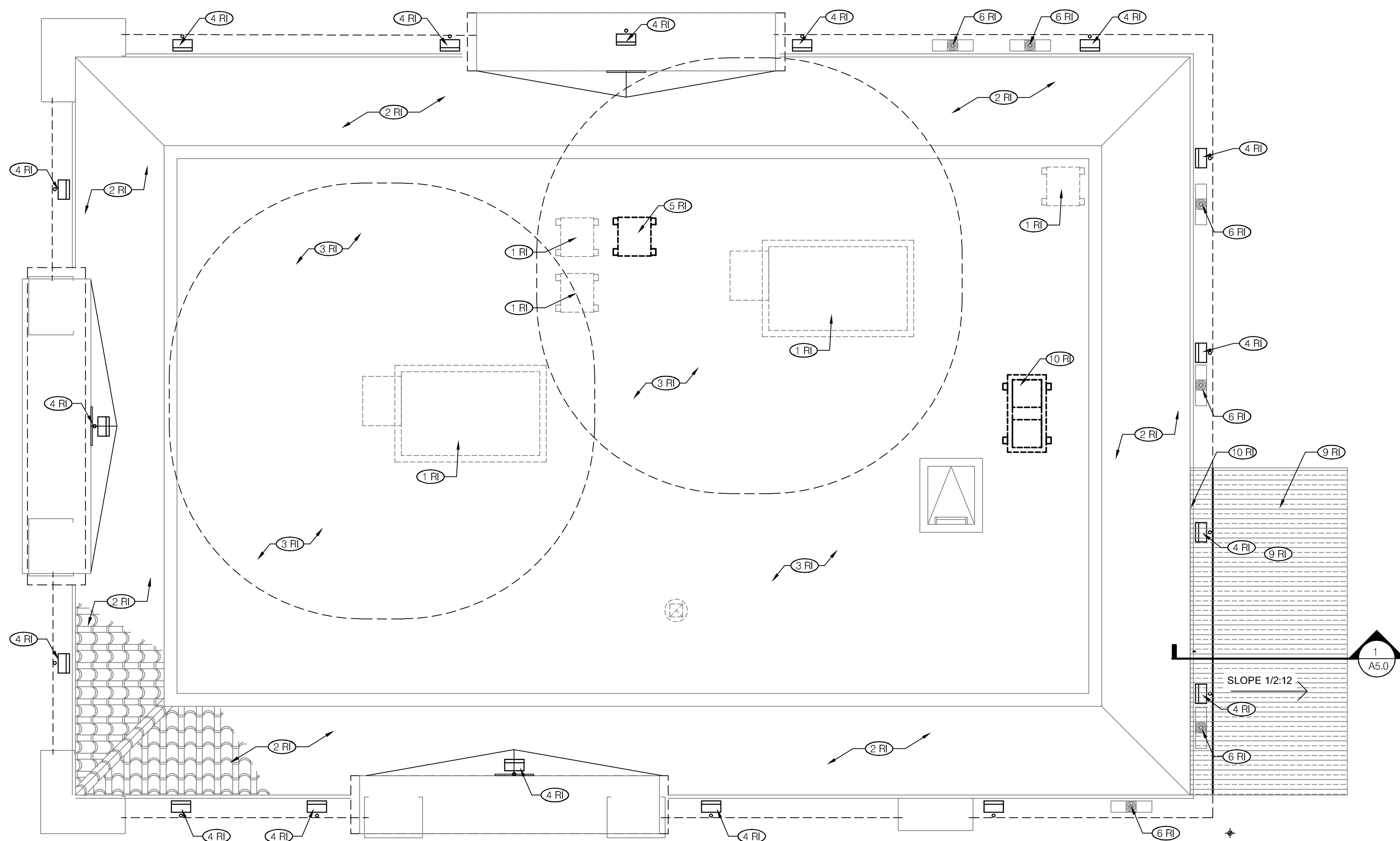


EGRESS PLAN

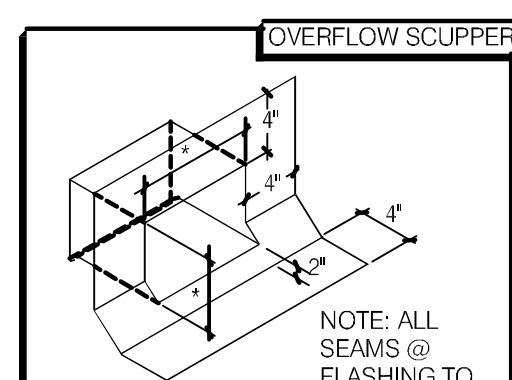
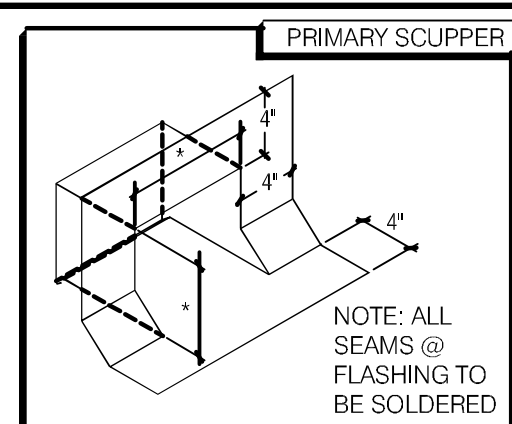
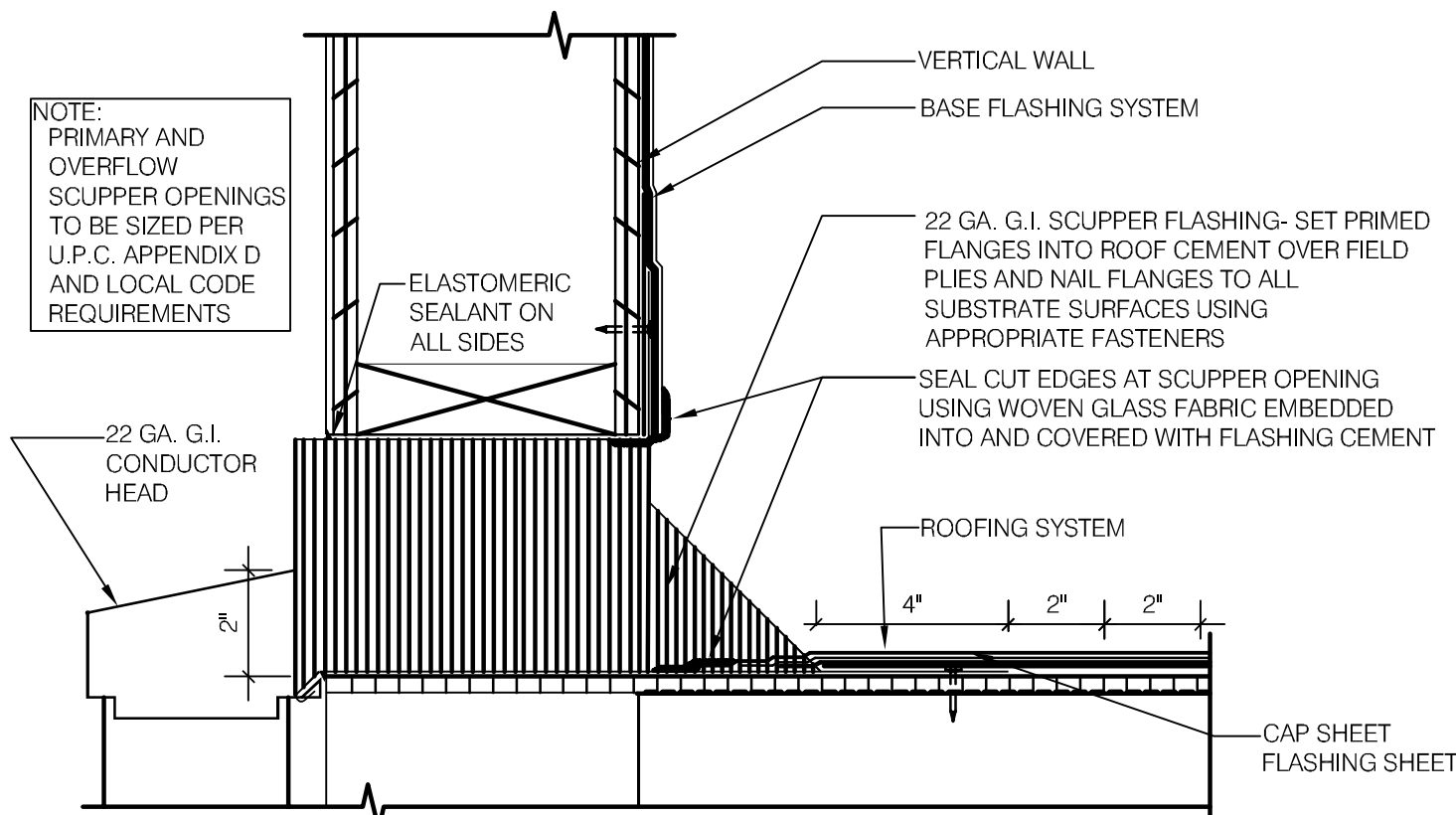
A2.3

RO SET ISSUED: 10.27.22

ARCVISION
 INCORPORATED
 ARCHITECTURE • ENGINEERING • STORE PLANNING
 SAINT LOUIS / DALLAS / LAS VEGAS / ORLANDO
 1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
 PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com



ROOF PLAN 1/4" = 1'-0" A



SCUPPER FLASHING

D

WATERPROOFING:
 A. PAINT UNDERSIDE OF PARAPET CAP FLASHING WITH FACTORY BONDED PAINT GRIP OR PRIMER.
 B. TOP NAILING AT PARAPET CAP FLASHING WILL NOT BE ACCEPTED.
 C. PENETRATIONS IN ROOFING MEMBRANE AND FLASHING SHALL ONLY BE MADE AS INDICATED ON THE DRAWINGS OR SPECS.
 D. SEE SPECIFICATIONS FOR SEALANT SPECS.
 E. ALL SHEET MTL FLASHING SHALL BE 22 GA MIN.

MISCELLANEOUS:
 A. ROOF PENETRATIONS CLOSER THAN 12" FROM ANOTHER WILL NOT BE ALLOWED.
 B. EXHAUST FANS MIN. 10'-0" AWAY FROM ALL AIR INTAKE / SUPPLY.
 C. LOCATE WALK-IN CONDENSERS ON ROOF ONLY IF REQUIRED BY CODE.

ROOF PLAN NOTES

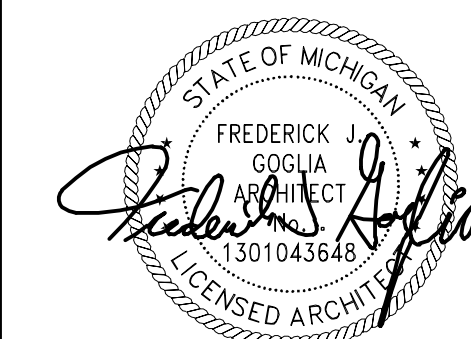
C

REMODEL IMAGE (RI)

- (1 RI) EXISTING RTU'S. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- (2 RI) NEW RTU'S. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- (3 RI) G.C. TO PRESSURE WASH GUTTER PANS AND MANSARD TILES. PATCH AND REPAIR AS REQUIRED.
- (4 RI) MANSARD LIGHTS TO BE REPLACED WITH NEW LED LIGHTING. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- (5 RI) NEW RTU'S. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- (6 RI) G.C. TO FLUSH ALL ROOF DRAINS AND REPAIR AS REQUIRED.
- (7 RI) NEW METAL PARAPET CAP.
- (8 RI) NEW OVERFLOW SCUPPER. SEE DETAIL D/A3.0 FOR ADDITIONAL INFORMATION.
- (9 RI) NEW METAL ROOF, FURNISHED BY VENDOR AND INSTALLED BY GC. SEE A5.0 FOR ADDITIONAL INFORMATION.
- (10 RI) NEW CONDENSER FOR WALK-IN COOLER/FREEZER. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

KEY NOTES

B



10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M7QHD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHE
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL

205 ANN ARBOR RD.
 PLYMOUTH, MI 48170



ROOF PLAN

A3.0

RS SET ISSUED: 10.27.22

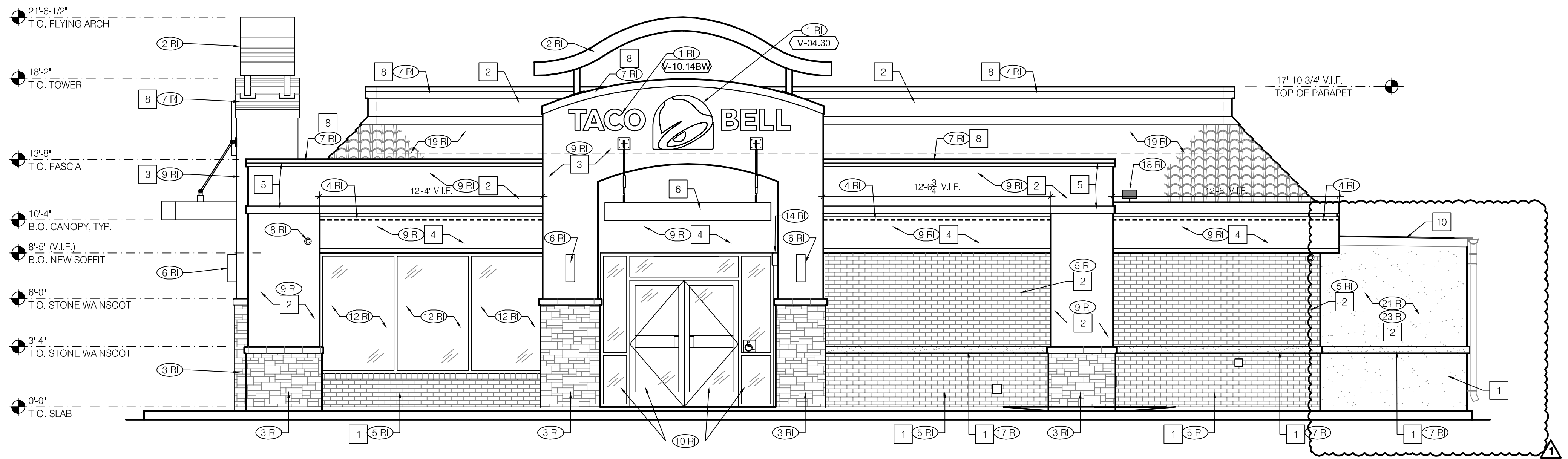
NOTE TO GC:
SIGNS BY VENDOR UNDER A SEPARATE PERMIT

NOTE TO GC:
ENTRANCES SHALL BE IDENTIFIED WITH A SIGN OR STICKER OF THE STANDARD ACCESSIBILITY LOGO

NOTE TO GC:
COORDINATE INSTALLATION OF NEW LED STRIP FIXTURE WITH SIGN VENDOR. VERIFY POWERING REQUIREMENTS AND CONNECTION LOCATIONS.

PAINTING NOTE:
ALL PAINT TRANSITIONS TO OCCUR AT INSIDE CORNER.

BUILDING MATERIALS:
EXISTING BRICK, EIFS, AND STONE WAINSCOT TO REMAIN.
NEW EIFS, FOR NEW WALK-IN COOLER: 299 SQ. FT.



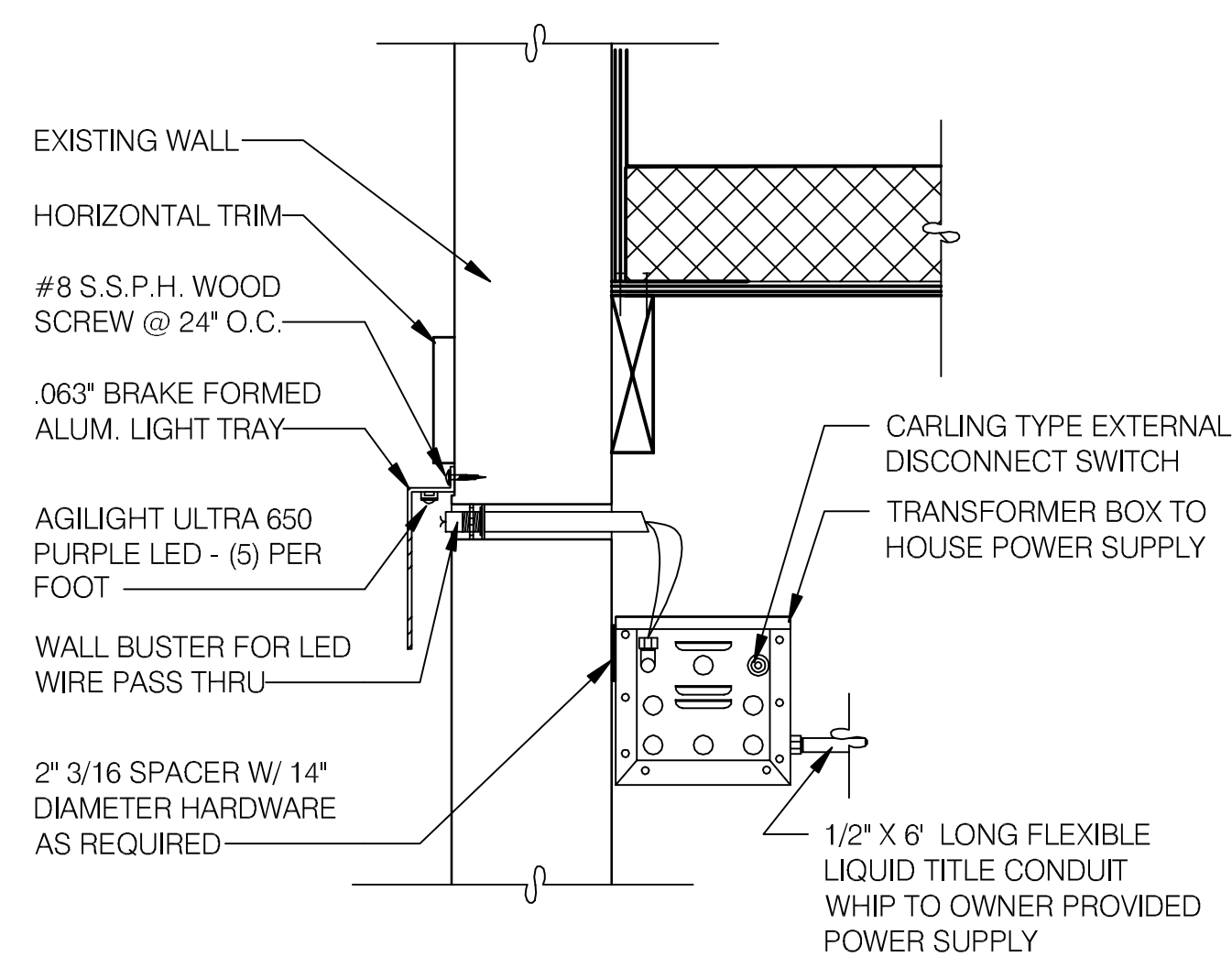
SIDE ENTRY PORTAL ELEVATION 1/4" = 1'-0" **A**

SYMBOL	AREA	MANUFACTURER	MATERIAL SPEC	COLOR	ALTERNATE MFR.	ALTERNATE MATERIAL SPEC	ALTERNATE MATERIAL COLOR	COMMENT
1	WALL COLOR - E.I.F.S./BRICK	EXISTING/NEW	MATCH EXISTING	PAINT SW7033 BRAINSTORM BRONZE	-	-	-	PAINTING OVER EXISTING EIFS/STUCCO/BRICK: APPLICATOR MUST DO THEIR DUE DILIGENCE WITH PREPARATION. PRIMER: 1 COAT SW A24W1100. LOXON CONDITIONER FINISH: 2 COATS SW A82-100 SERIES. A-100 EXTERIOR LATEX SATIN
2	WALL COLOR MAIN - E.I.F.S./ BRICK	EXISTING/NEW	MATCH EXISTING	PAINT SW7043 WORLDLY GRAY	-	-	-	
3	TOWER COLOR - E.I.F.S.	EXISTING	MATCH EXISTING	PAINT SW9180 AGED WHITE	-	-	-	
4	ACCENT WALL COLOR - E.I.F.S.	EXISTING/NEW	MATCH EXISTING	PAINT TB2803C PURPLE	-	-	-	
5	ACCENT BAND COLOR	EXISTING	MATCH EXISTING	PAINT SW9180 AGED WHITE	-	-	-	
6	METAL CANOPIES	EXISTING	EXISTING TO BE REPAINTED AS NEEDED	DRYLAC POWDER COATINGS SW7033 BRAINSTORM BRONZE	-	-	-	
7	SERVICE DOOR	NEW	H.M	PAINT SW7033 BRAINSTORM BRONZE	-	-	-	
8	PARAPET CAP	EXISTING	GALV. METAL	PAINT SW7055 ENDURING BRONZE	-	-	-	
9	GAS & ELECTRICAL EQUIPMENT	EXISTING	MATCH EXISTING	PAINT SW7043 WORLDLY GRAY	-	-	-	
10	WALK IN COOLER METAL ROOFING	NEW	METAL ROOFING	FACTORY FINISH SW7043 WORLDLY GRAY	-	-	-	

EQ #	COUNT	DESCRIPTION	ELEC
V-04.36	2	SWINGING BELL - PURPLE LOGO - FACE LIT. (3'-0" X 3'-3")	X
V-10.14BW	2	MEDIUM TB 14" LETTERS - BLACK/WHITE CHANNEL LETTERS - WALL MOUNTED	X
P97G2	1	P97 FLAT G2, PYLON REFURBISHED, NEW FACES, LED UPGRADE, CLAD/COLUMN - BLACK	X
DIR-P-18-GOMOB	2	MOBILE PICKUP PARKING SPACE SIGNAGE	X

EXTERIOR FINISH SCHEDULE **C**

SIGNAGE SCHEDULE **B**



LED WALL WASHER DETAIL **H**

- E.I.F.S SHALL MEET THE PERFORMANCE CHARACTERISTICS REQUIRED IN ASTM E 2568
- E.I.F.S. WITH DRAINAGE SHALL HAVE 90 PERCENT DRAINAGE EFFICIENCY WHEN TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM E 2273
- E.I.F.S. SHALL COMPLY WITH SECTION 1403 OF THE IBC.
- WATER RESISTIVE BARRIER SHALL COMPLY WITH SECTION 1404.2 OF THE IBC AND ASTM E 2570
- INSTALLATION SHALL COMPLY WITH E.I.F.S. MANUFACTURERS INSTRUCTIONS AND THE PROVISIONS OF SECTIONS 1704.1 AND 1704.14 OF THE IBC.
- ETC. USE DETAIL 7/A6.2 WHEN MOUNTING SIGNAGE, AWNING, THROUGH E.I.F.S. FINISH AT WALLS.

E.I.F.S NOTES **G**

(A) BASE THICKNESS - 1" THICK STUCCO/ E.I.F.S W/ HIGH IMPACT MESH TO HEIGHT OF 8'-0" A.F.F.

ALL NEW E.I.F.S. TO HAVE A LIGHT SAND FINISH UNLESS IT MUST BLEND WITH AN EXISTING CONTRASTING FINISH.

E.I.F.S THICKNESS **F**

- MISCELLANEOUS**
- SEE SCOPE OF WORK FOR RESPONSIBILITIES.
 - PROVIDE BLOCKING FOR SIGNAGE, TRELIS AND CANOPY.
 - DURO-LAST TERMINATION BAR SHALL BE URBANE BRONZE.
 - OWNER REPRESENTATIVE WILL IDENTIFY WHICH PAINT SPECIFICATION WILL BE PRIMARY

- SEALERS (REFER TO SPECS)**
- SEALANT AT ALL WALL AND ROOF PENETRATIONS.
 - SEALANT AT ALL WINDOW AND DOOR FRAMES AT HEAD, SILL AND JAMB.

☐ DENOTES EXTERIOR FINISH
 X-XXX DENOTES SIGNAGE - VENDOR SUPPLIED AND INSTALLED. SEE SCOPE OF WORK

GENERAL NOTES **E**

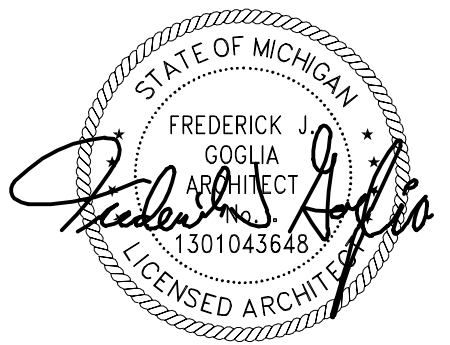
REMODEL IMAGE (RI)

- NEW BUILDING SIGNS TO BE INSTALLED AND PERMITTED BY VENDOR.
- EXISTING "FLYING ARCH". DO NOT PAINT.
- EXISTING STONE TO REMAIN. PATCH AND REPAIR AS REQUIRED.
- NEW LED STRIP LIGHT FIXTURE IN METAL COVE CHANNEL. COORDINATE INSTALLATION AFTER EXTERIOR IS PAINTED AND PROVIDE CONCEALED ELECTRICAL CONNECTION TO PANEL AND ON THE SIGNAGE TIMER. PERMITTED AND INSTALLED BY VENDOR. REFER TO DETAIL H/A4.0.
- EXISTING BRICK TO REMAIN, PATCH AND REPAIR AS REQUIRED.
- NEW LIGHT FIXTURE. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- EXISTING GALV. METAL PARAPET CAP, PRIME & PAINT AS NOTED AS REQUIRED.
- EXISTING SECURITY CAMERA. REMOVE AS NEEDED FOR NEW PAINTING.
- EXISTING E.I.F.S. TO REMAIN, REPAIR ALL DAMAGED E.I.F.S. AS NEEDED BEFORE PAINTING. TYP. REFER TO E.I.F.S. NOTES FOR ADDITIONAL INFORMATION.
- NEW STOREFRONT SYSTEM. REFER TO DOOR & WINDOW SCHEDULE A1.1 FOR ADDITIONAL INFORMATION.
- NEW DRIVE THRU WINDOW AND FRAME. REFER TO DOOR & WINDOW SCHEDULE A1.1 FOR ADDITIONAL INFORMATION.
- NEW STOREFRONT WINDOW AND FRAME. REFER TO DOOR & WINDOW SCHEDULE A1.1 FOR ADDITIONAL INFORMATION.

- NEW SERVICE DOOR AND FRAME. REFER TO DOOR AND WINDOW SCHEDULE A1.1 FOR ADDITIONAL INFORMATION.
- NEW EXTERIOR & EMERGENCY EGRESS LIGHT FIXTURE. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- EXISTING ELECTRICAL EQUIPMENT. PAINT AS INDICATED.
- NEW GAS METER TO BE INSTALLED BY G.C., PAINT AS NOTED.
- NEW E.I.F.S. PROVIDED & INSTALLED BY G.C. HEAVY DUTY REINFORCING REQUIRED AT 8'-0" ABOVE GRADE AT ALL AREAS ADJACENT TO WALKWAYS - FINISH TO MATCH EXISTING. REFER TO DETAILS 7 & 8/A6.2 FOR ADDITIONAL INFORMATION.
- ALL MANSARD LIGHTING TO BE CHANGED TO LED. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- POWER WASH MANSARD ROOF TILES AND GUTTERS. REPAIR/REPLACE AS REQUIRED.
- EXISTING BOLLARD, PAINT OR PROVIDE NEW COVER, 'SAFETY YELLOW'.
- NEW WALK-IN COOLER/ FREEZER UNIT ON NEW CONC. PAD. REFER TO STRUCTURAL PLANS & MANUFACTURE SPECS FOR ADDITIONAL INFORMATION.
- NEW BRICK PROVIDED & INSTALLED BY G.C., PAINT AS NOTED.
- NEW EXTERIOR WALL WITH WOOD STUDS @ 16" O.C., 1/2" GYPSUM BOARD ON INTERIOR SIDE OF WALL, AND 1/2" SHEATHING AND E.I.F.S. ON EXTERIOR SIDE OF WALL. TO MATCH EXISTING. PROVIDE SMOOTH, FLUSH FINISH WITH ADJACENT SURFACES. REFER TO WALL SECTIONS A5.0 AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

KEY NOTES **D**

ARCVISION
 INCORPORATED
 ARCHITECTURE • ENGINEERING • STORE PLANNING
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 1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
 PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com



2/9/23

02.08.23 PLANNING COMMENTS

CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCJO
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL

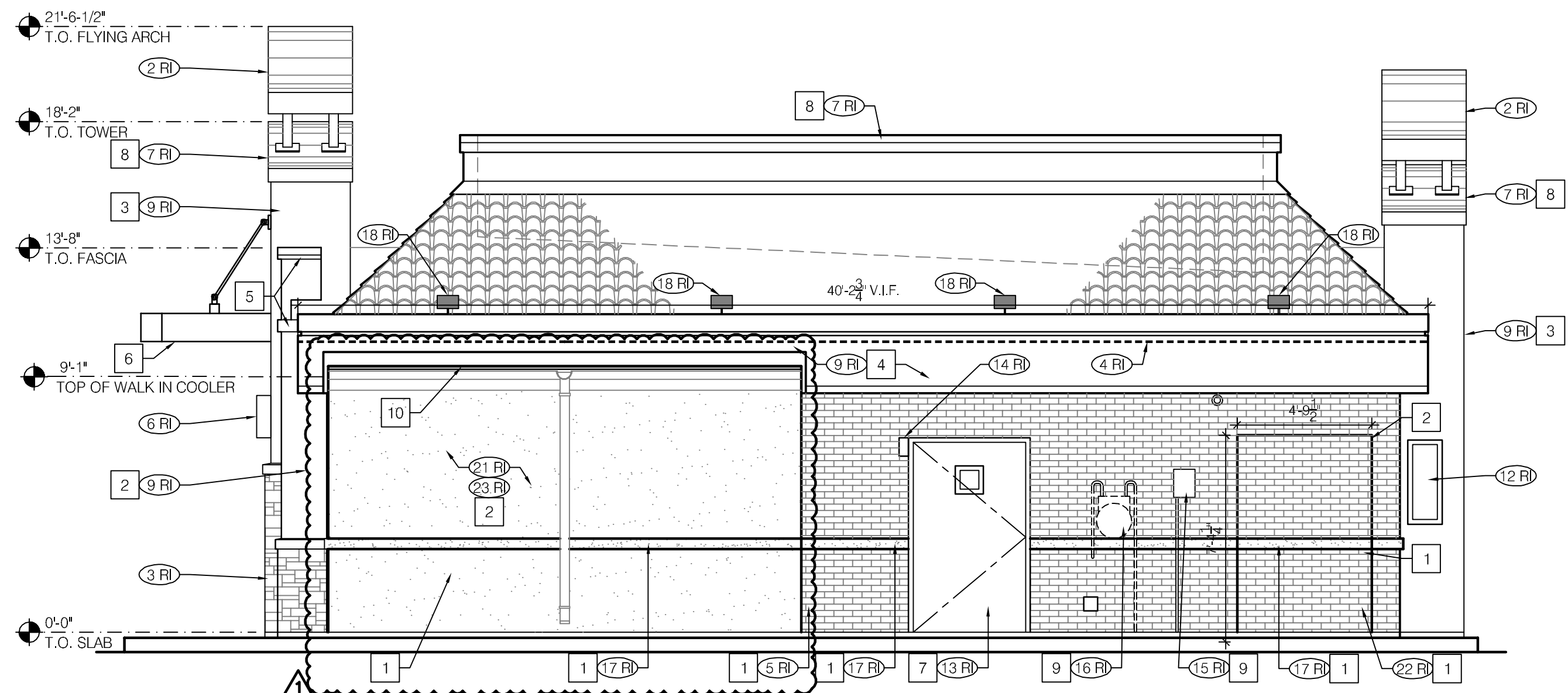
205 ANN ARBOR RD.
 PLYMOUTH, MI 48170



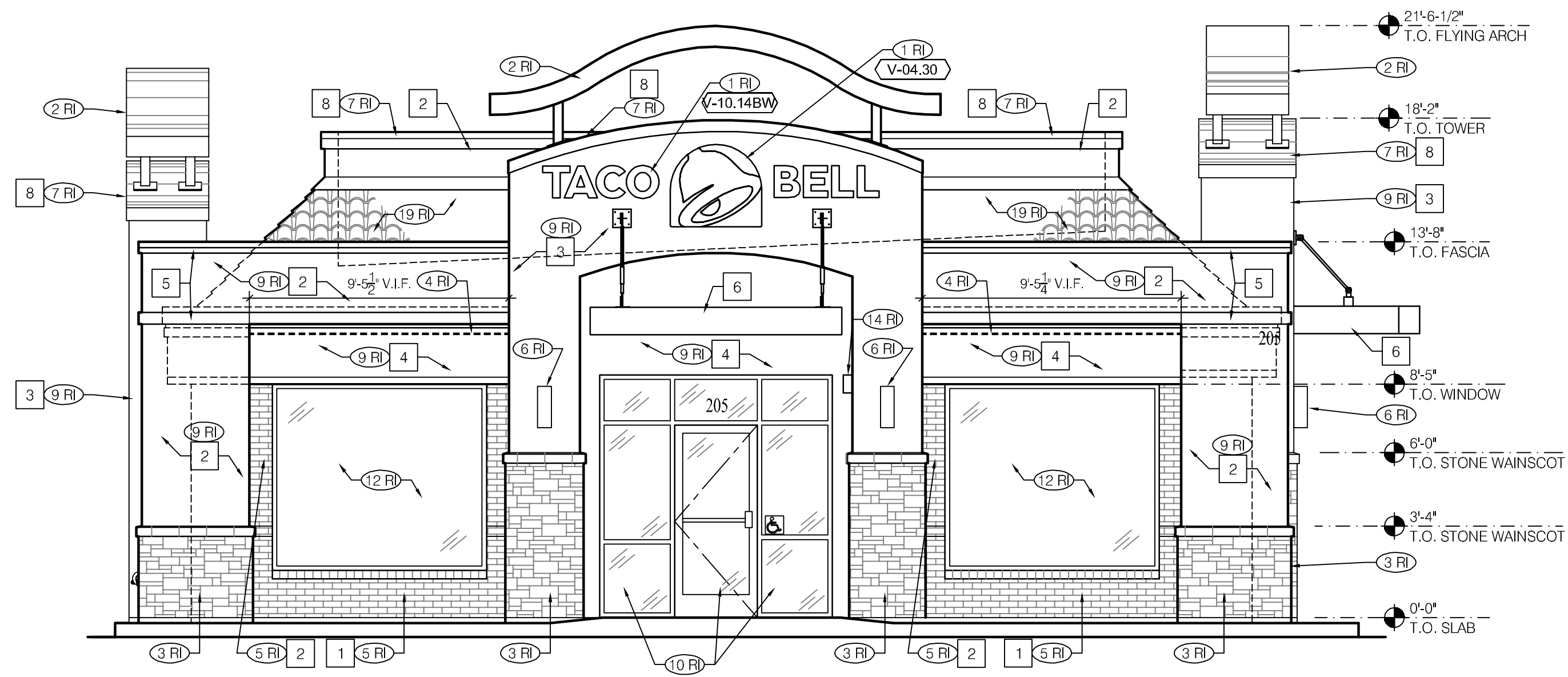
EXTERIOR ELEVATION

A4.0

RO SET ISSUED: 10.27.22



REAR ELEVATION 1/4" = 1'-0" **B**



FRONT ELEVATION 1/4" = 1'-0" **A**

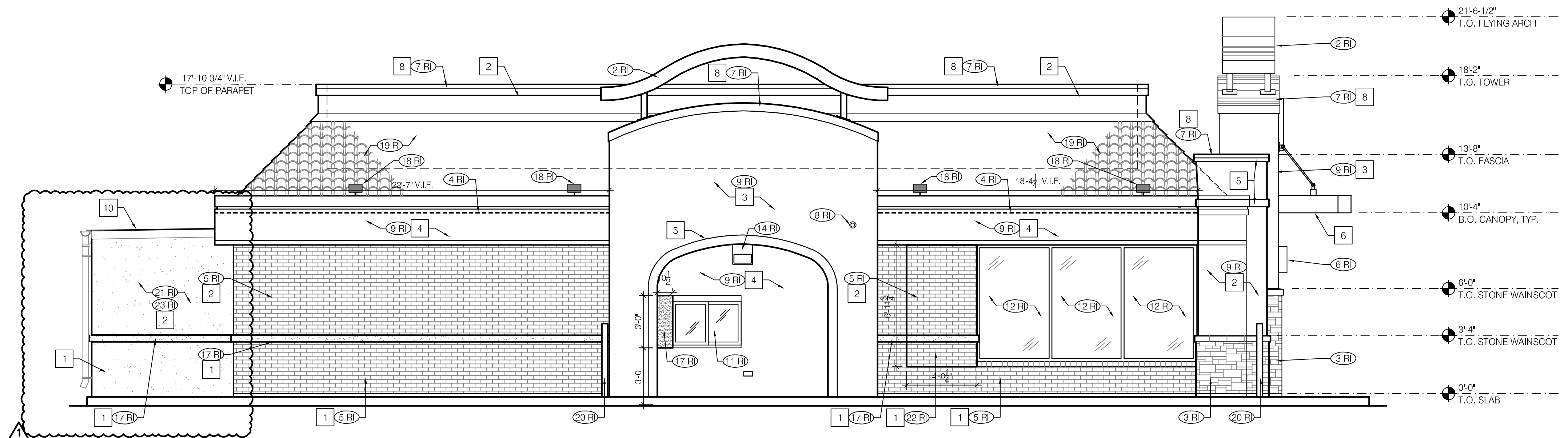
NOTE TO GC:
SIGNS BY VENDOR UNDER A SEPARATE PERMIT

NOTE TO GC:
SEE SHEET A4.0 FOR KEYNOTES

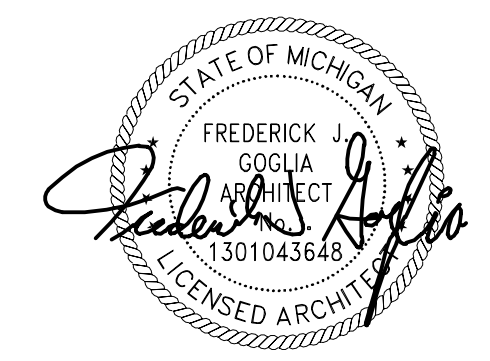
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PAINTING NOTE:
ALL PAINT TRANSITIONS TO OCCUR AT INSIDE CORNER.



DRIVE THRU ELEVATION 1/4" = 1'-0" **C**



2/9/23

02.08.23 PLANNING COMMENTS

CONTRACT DATE:
BUILDING TYPE: N2T-M70HD
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WACHO
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

TACO BELL
205 ANN ARBOR RD.
PLYMOUTH, MI 48170



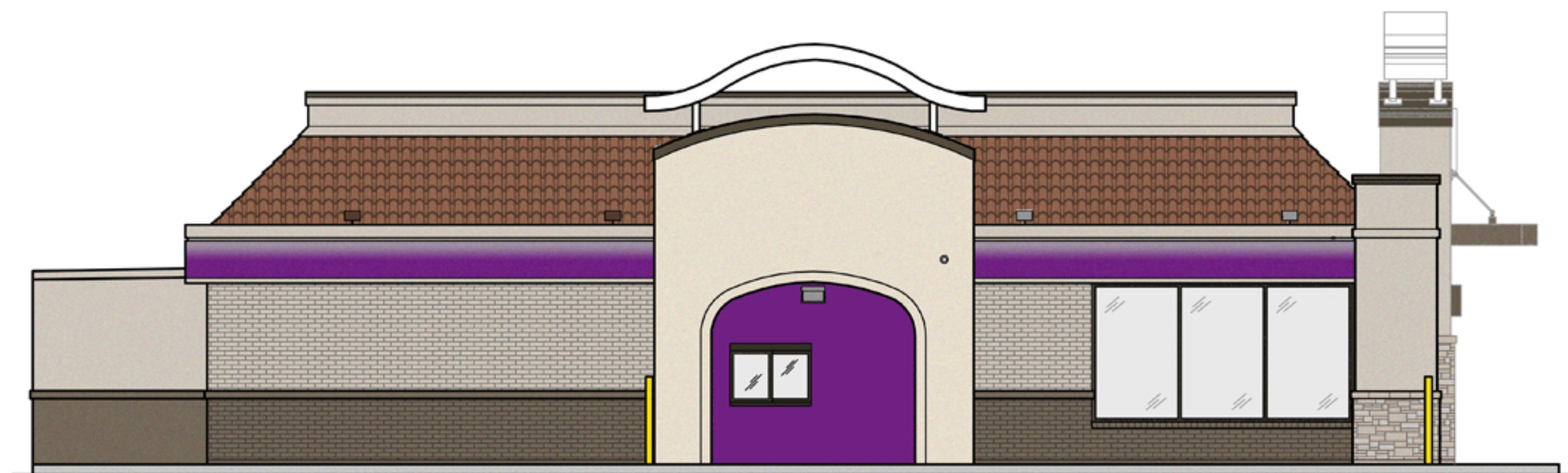
EXTERIOR ELEVATIONS

A4.1

R0 SET ISSUED: 10.27.22



ENTRY SIDE ELEVATION



DRIVE-THRU SIDE ELEVATION



FRONT ELEVATION



REAR ELEVATION

NOTE: EXISTING CANOPIES TO REMAIN

SHERWIN WILLIAMS ENDURING BRONZE SW7055	SHERWIN WILLIAMS BRAINSTORM BRONZE SW7033	SHERWIN WILLIAMS AGED WHITE SW9180	SHERWIN WILLIAMS WORDLY GRAY SW7043
SHERWIN WILLIAMS PURPLE TB2603C	SAFETY YELLOW	EXISTING TERRA COTTA ROOFING	EXISTING STONE



EXISTING CONDITIONS

V-04.36
36" SWINGING BELL
PURPLE LOGO-FACE LIT
AREA: 9.94 SQ. FT.

V-10.14BW
14" BLACK/WHITE CHANNEL LETTERS
WALL MOUNTED

NEW SIGNAGE

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2/9/23

02.08.23 PLANNING COMMENTS

CONTRACT DATE:
BUILDING TYPE: N2T-M70HD
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WANCHO
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

TACO BELL
205 ANN ARBOR RD
PLYMOUTH, MI 48170

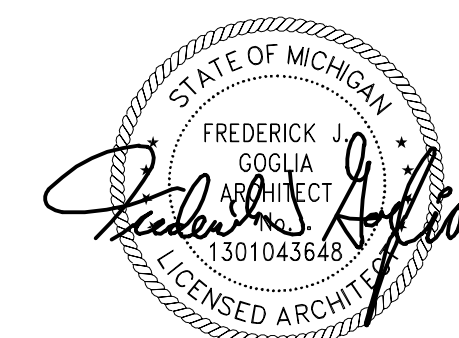
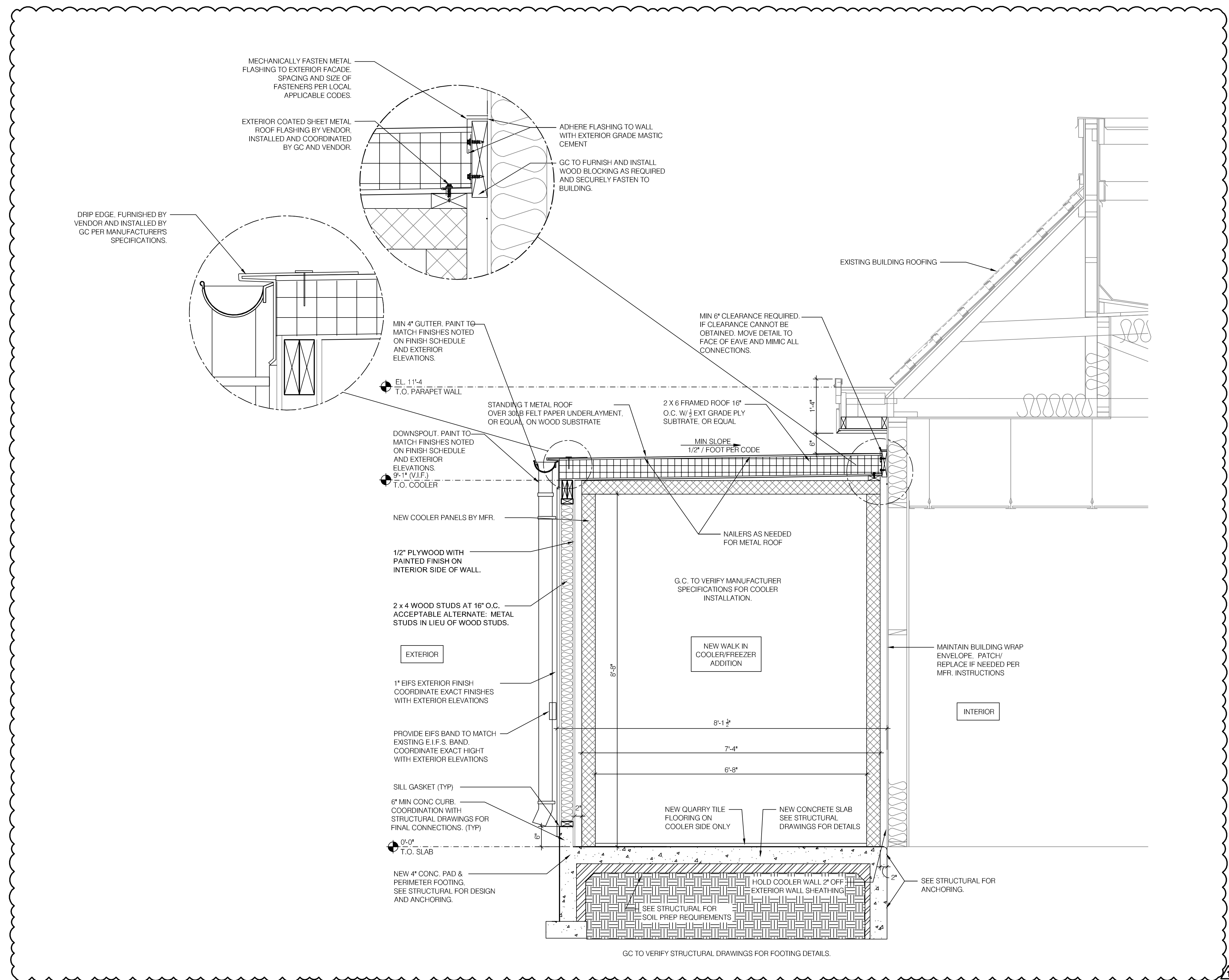


MAJOR

COLOR ELEVATIONS

A4.2

NO SET ISSUED: 10.27.22



2/9/23

02.08.23 PLANNING COMMENTS

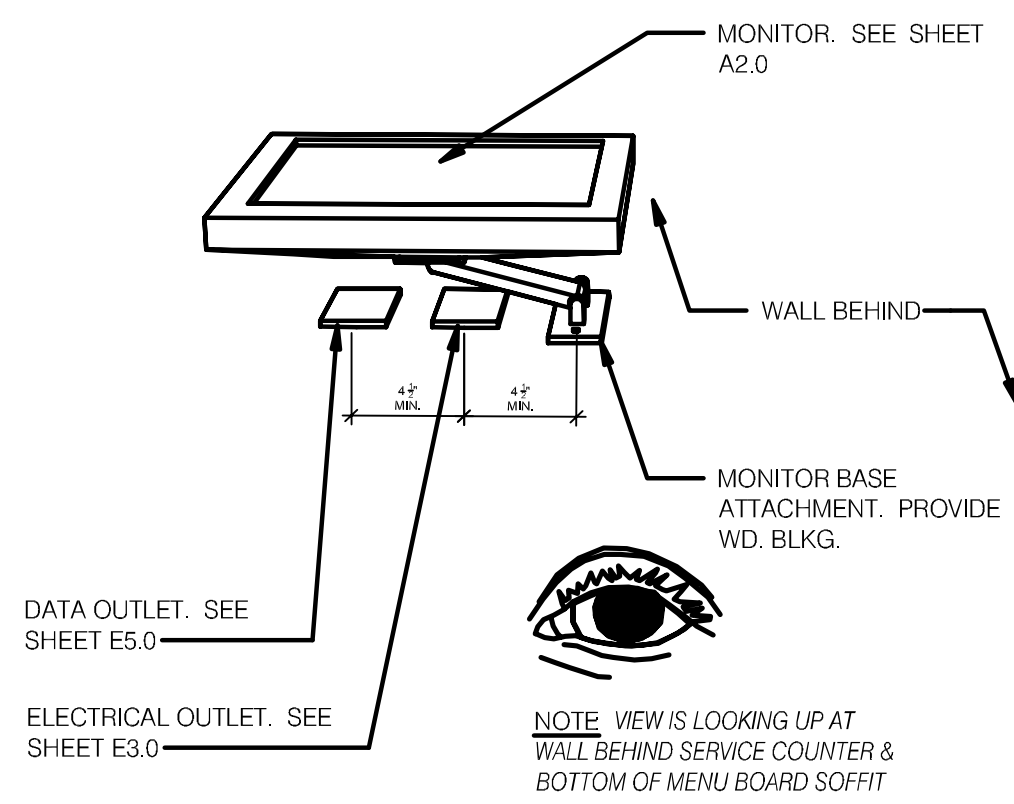
CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHE
 SITE NUMBER: 4966
 ARCVISION NUMBER: 200370

TACO BELL
 205 ANN ARBOR RD.
 PLYMOUTH, MI 48170

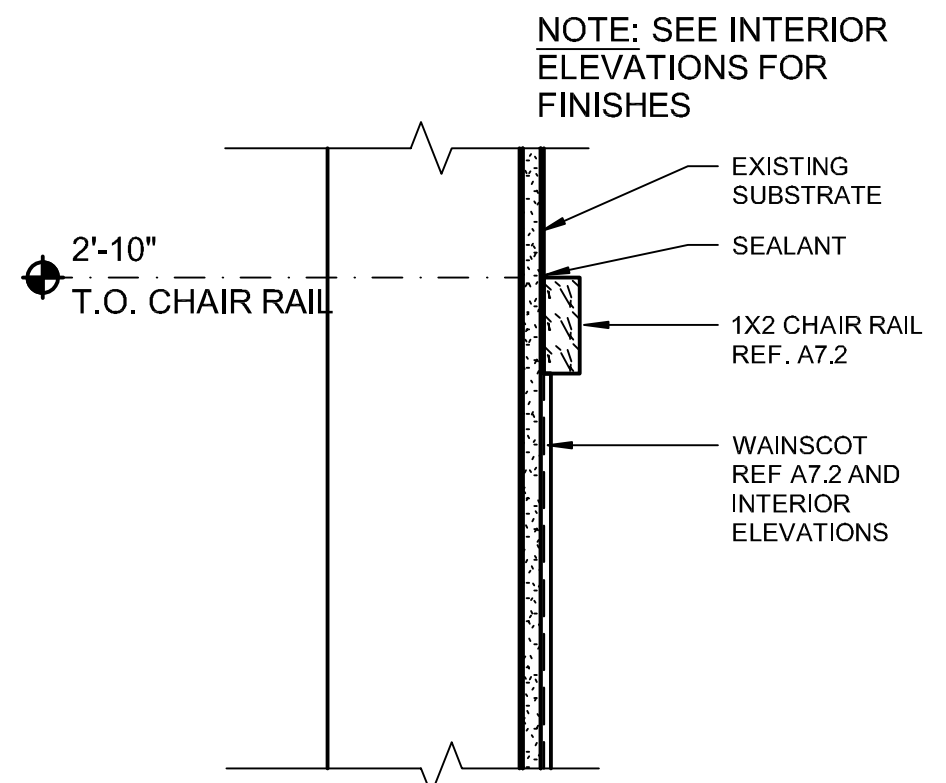


WALL SECTIONS

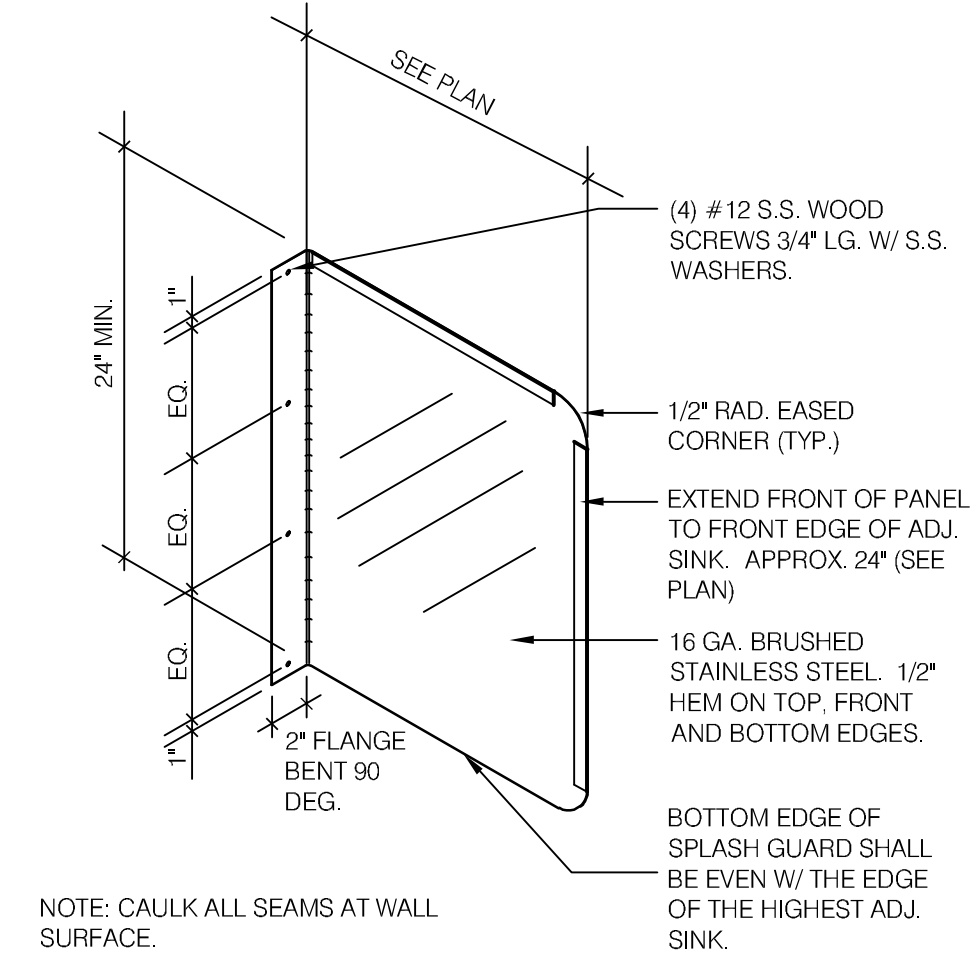
A5.0



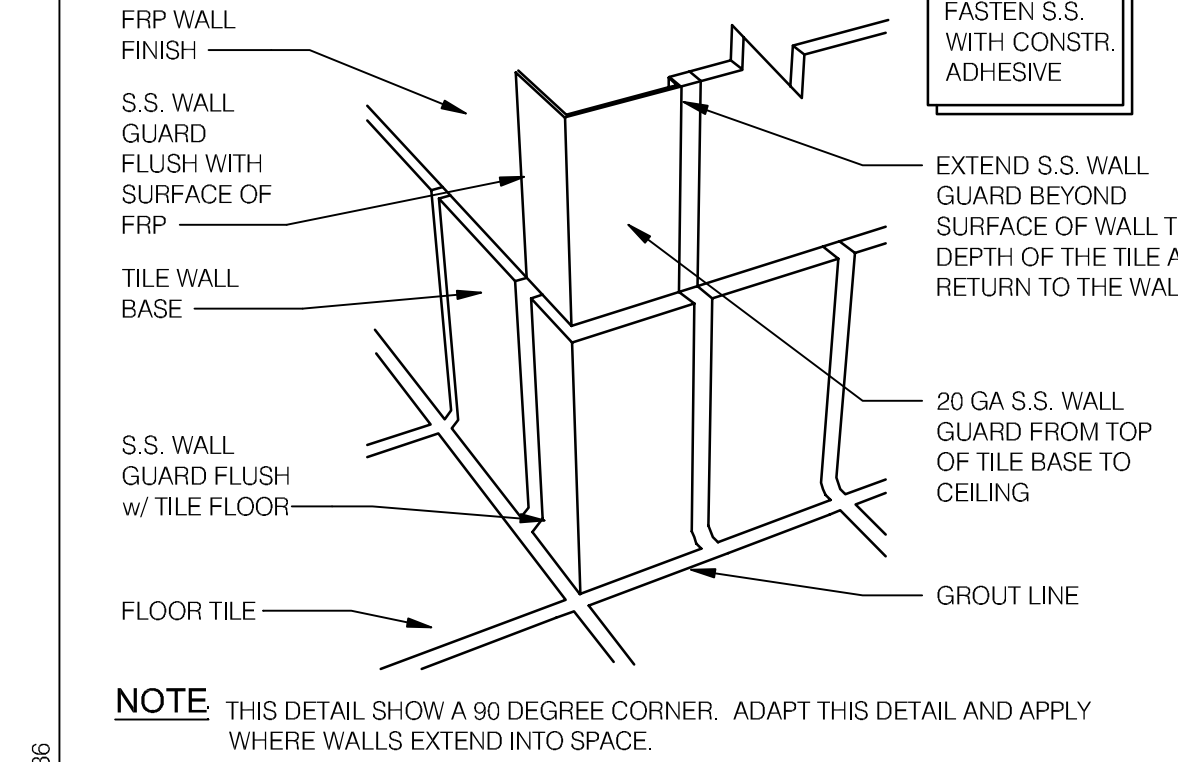
WALL MOUNT MONITOR 1 1/2" = 1'-0" **17**



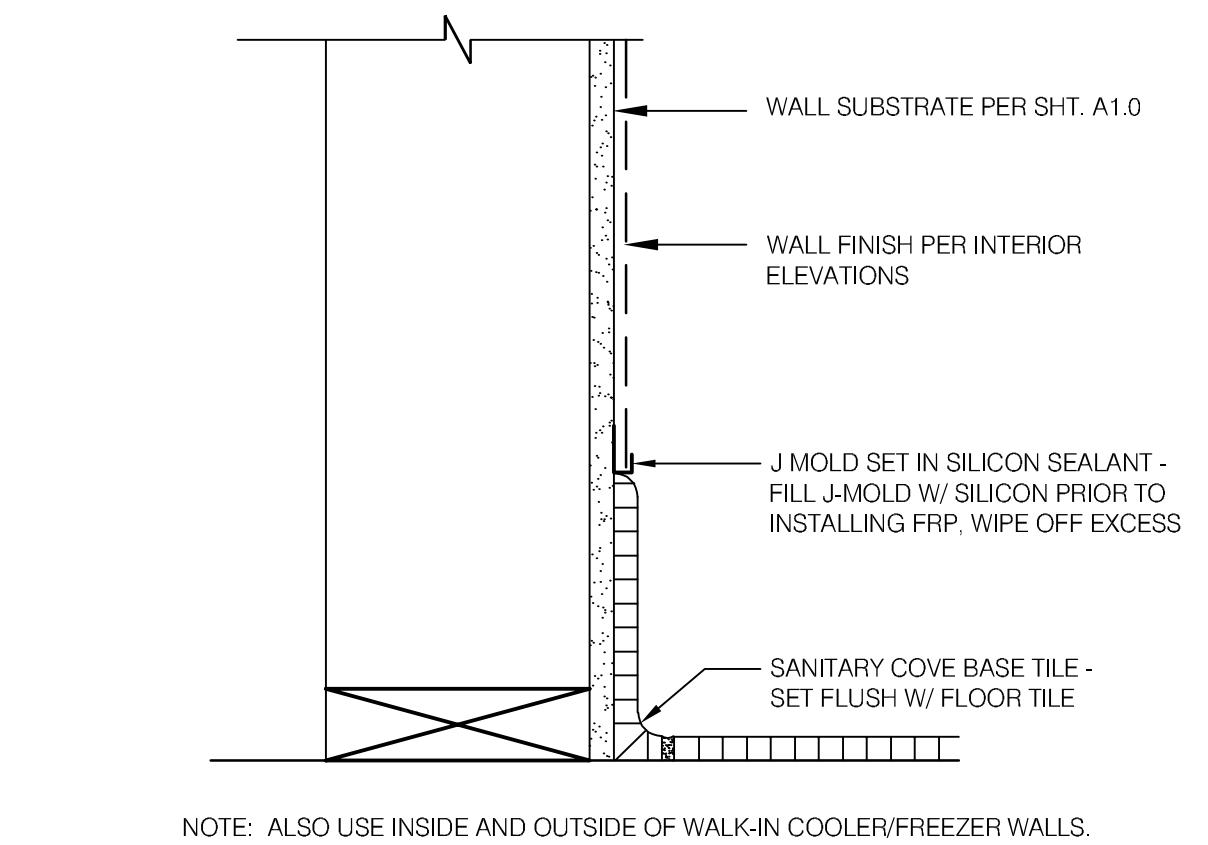
CHAIR RAIL DETAIL N.T.S. **13**



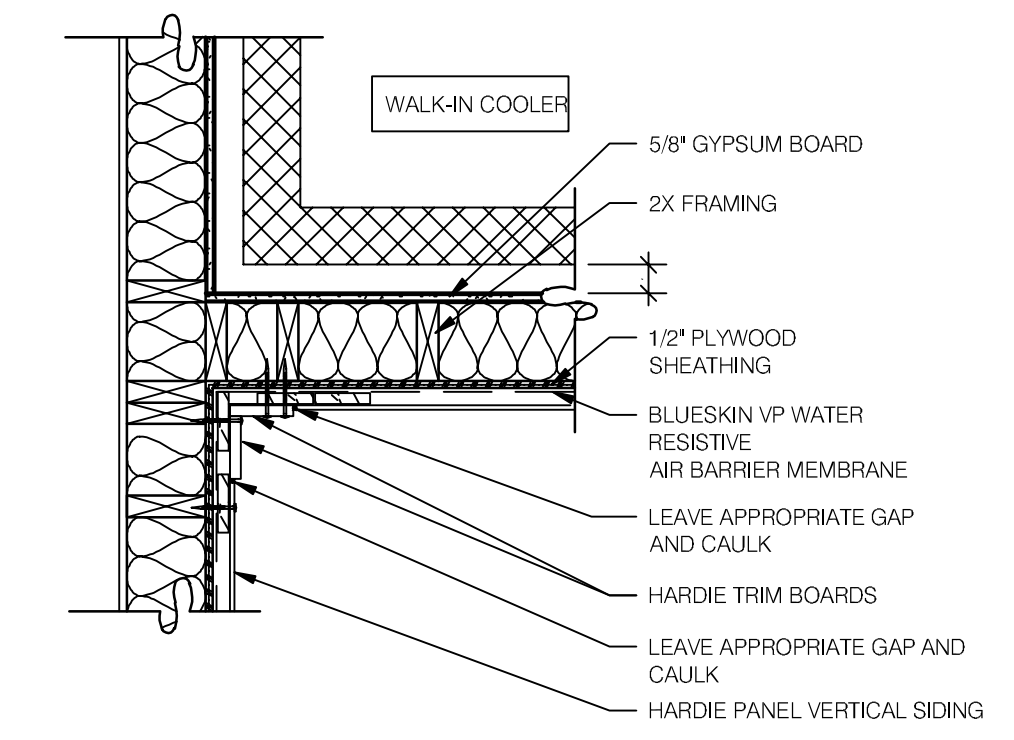
SPLASH GUARD 1" = 1'-0" **9**



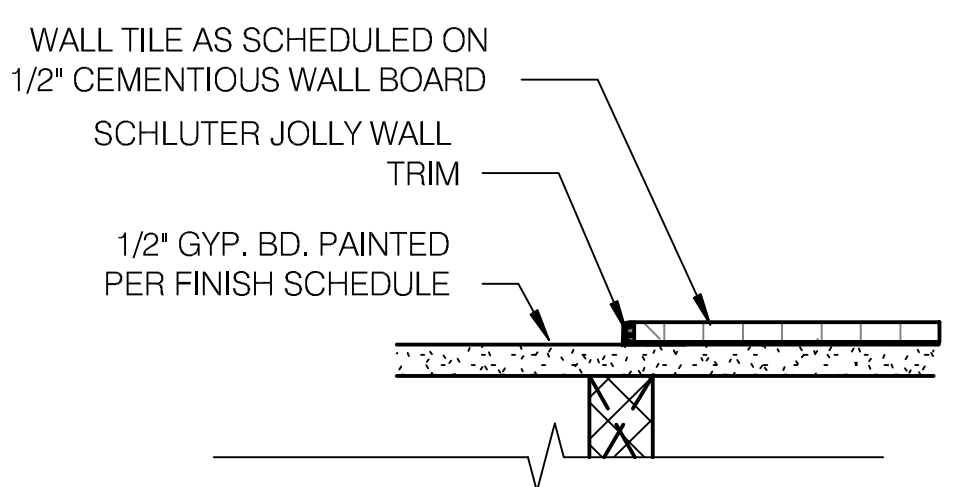
S.S. CORNER & END WALL GUARD N.T.S. **5**



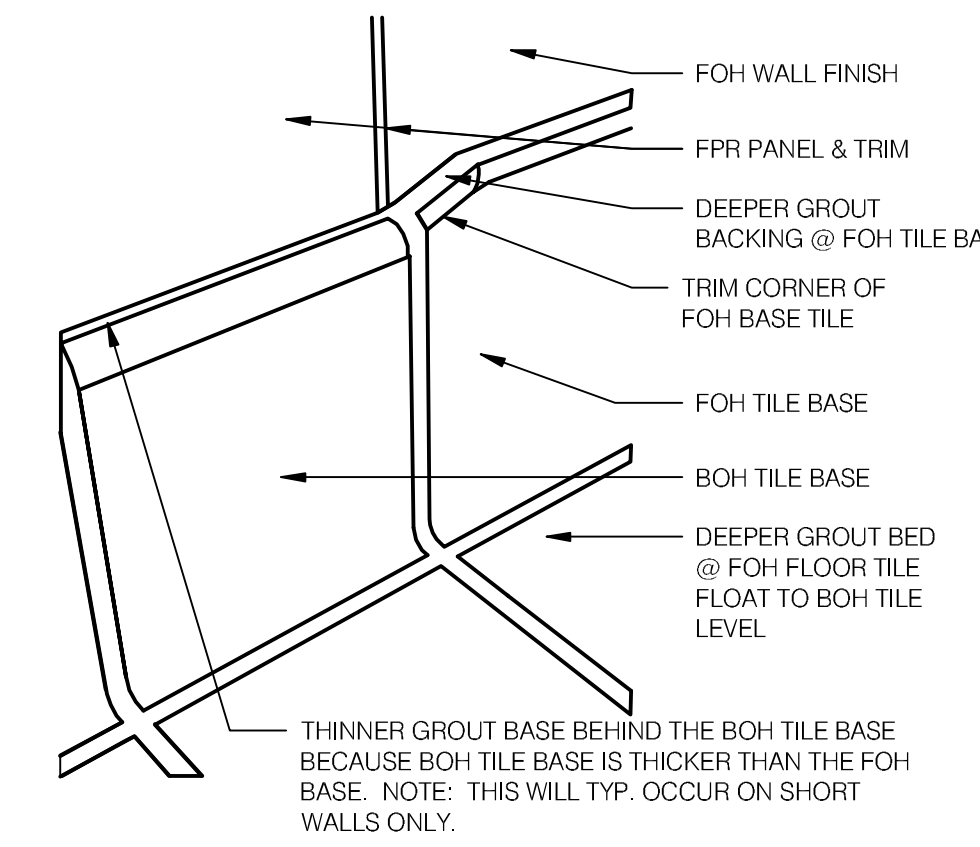
KITCHEN FINISH @ BASE 3/4" = 1'-0" **1**



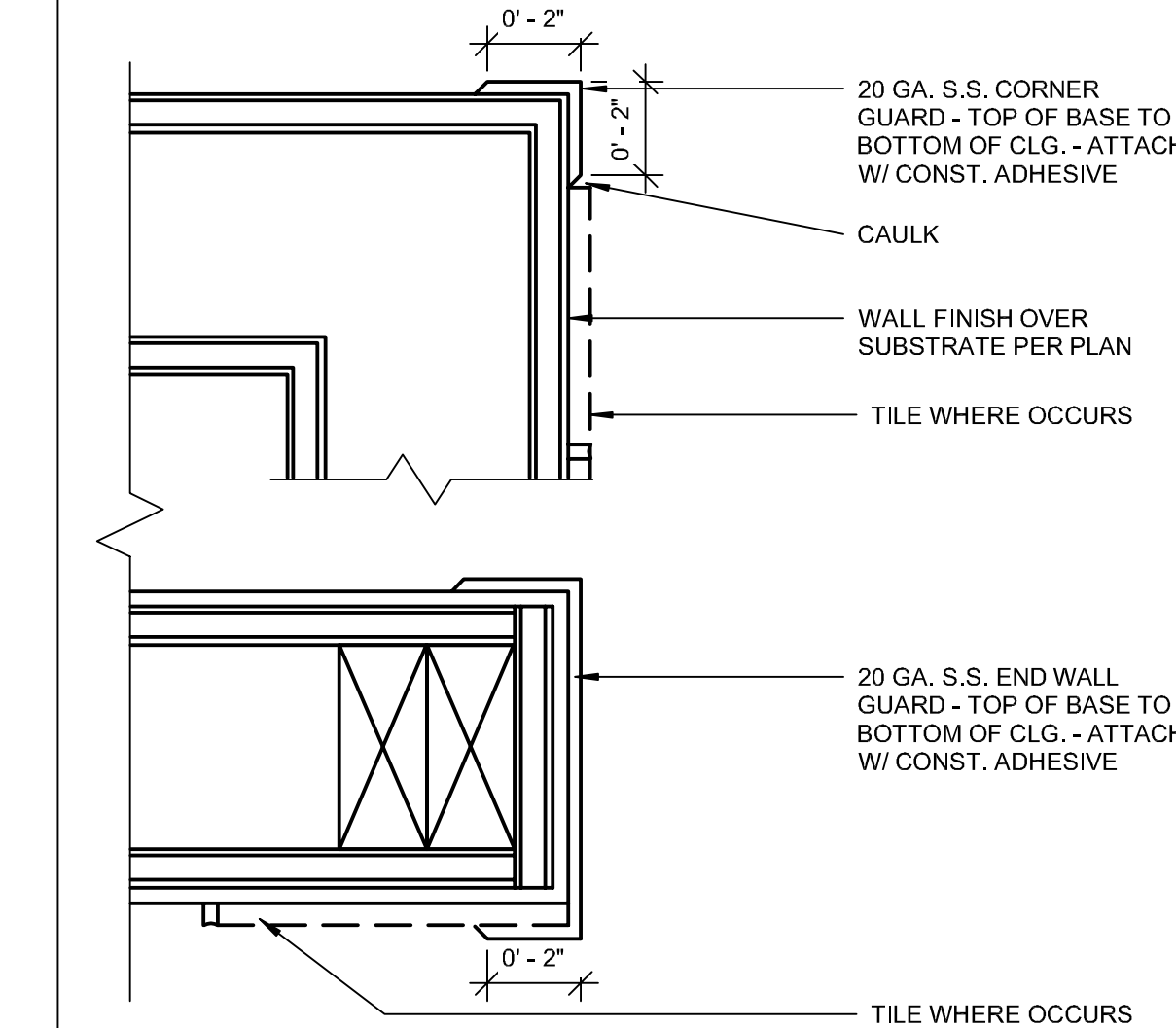
WALK-IN DETAIL N.T.S. **18**



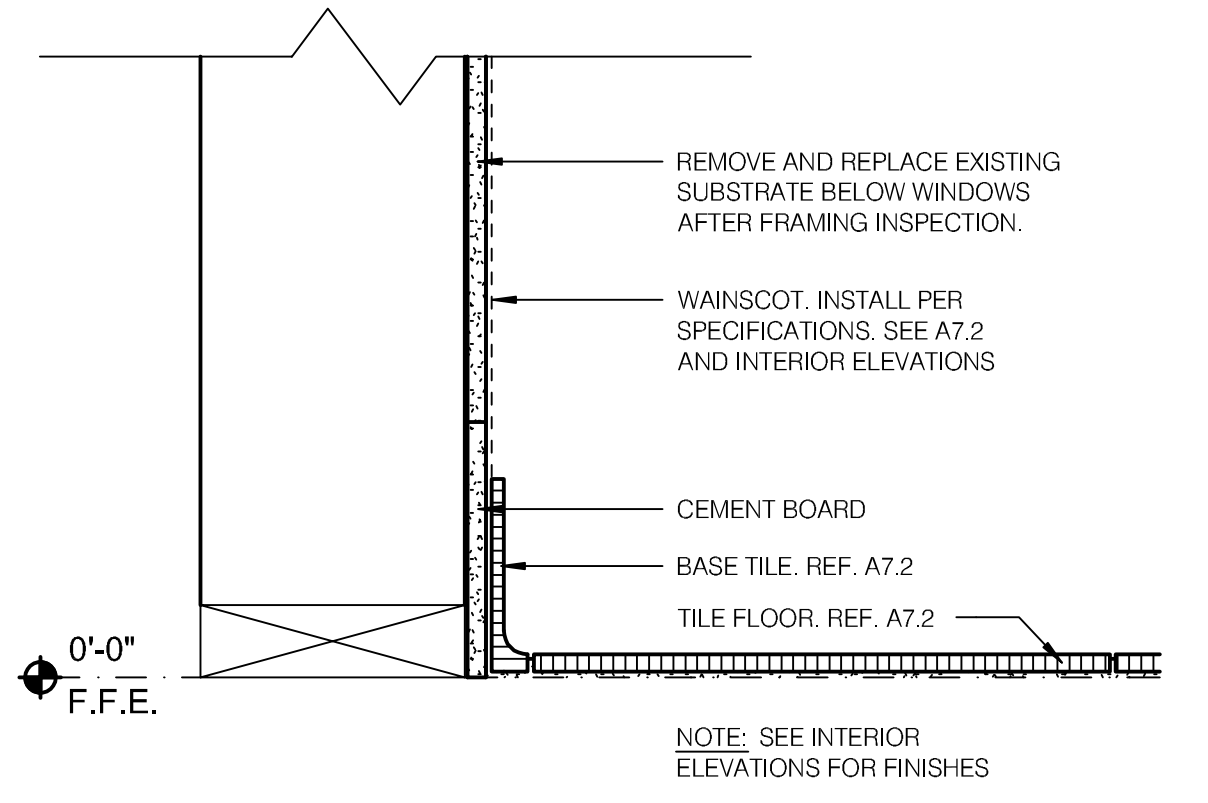
TILE TO GYP. TRANSITION N.T.S. **14**



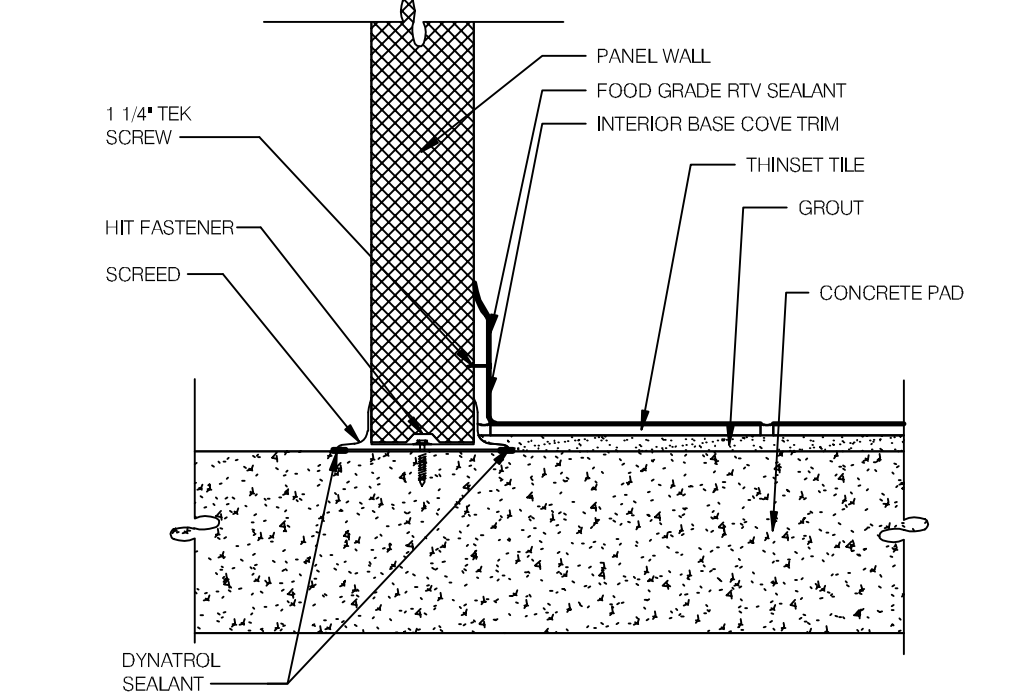
TILE BASE TRANSITION 1/2" = 1'-0" **10**



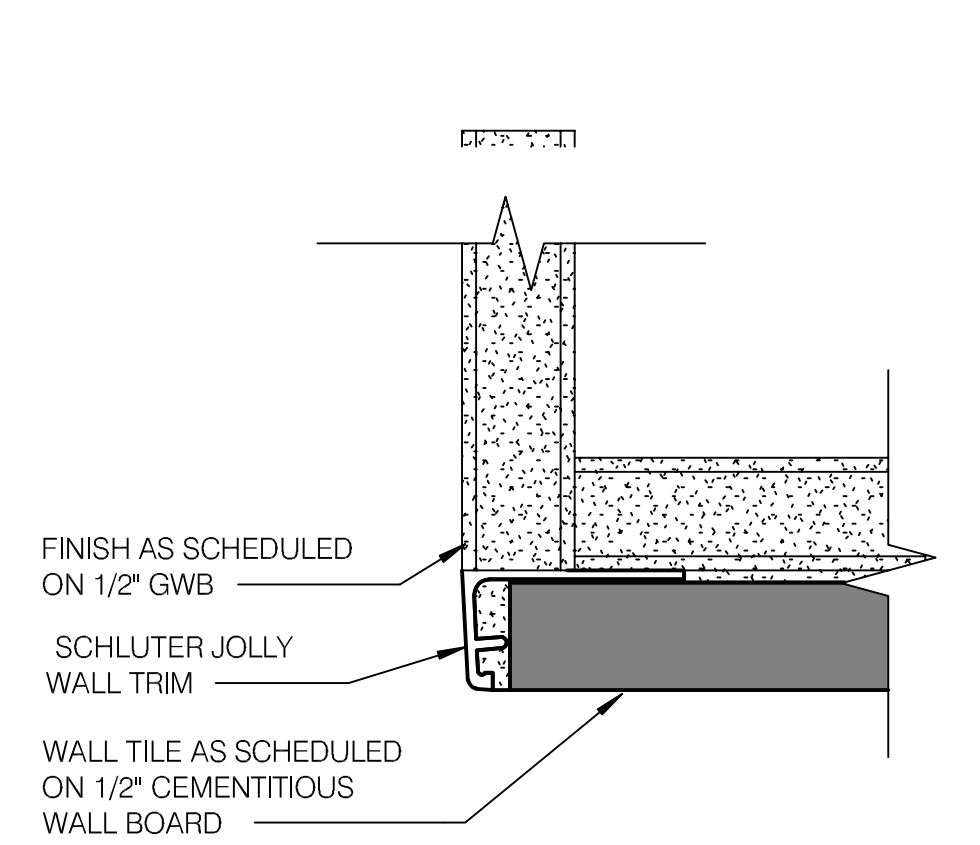
BOH S.S. CORNER GUARDS N.T.S. **6**



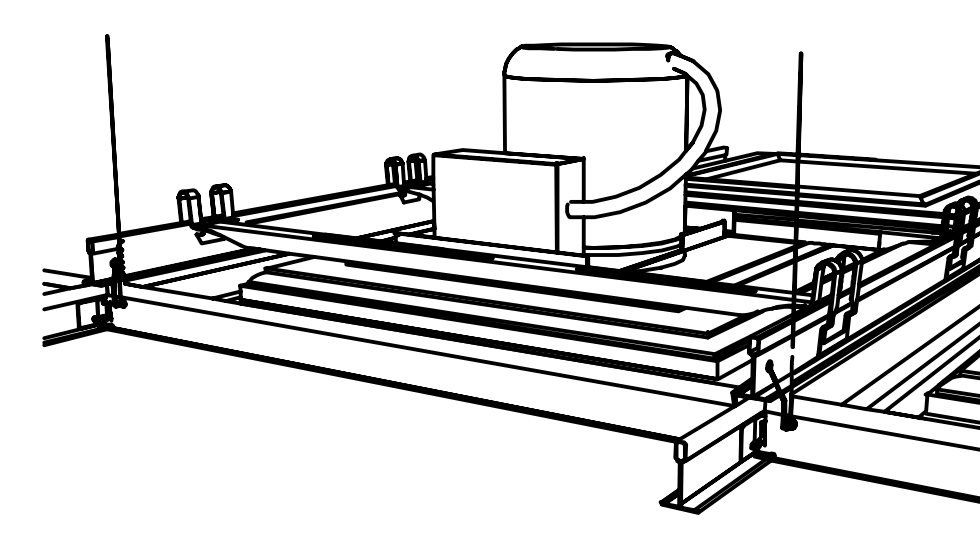
WAINSCOT BASE DETAIL 1" = 1'-0" **2**



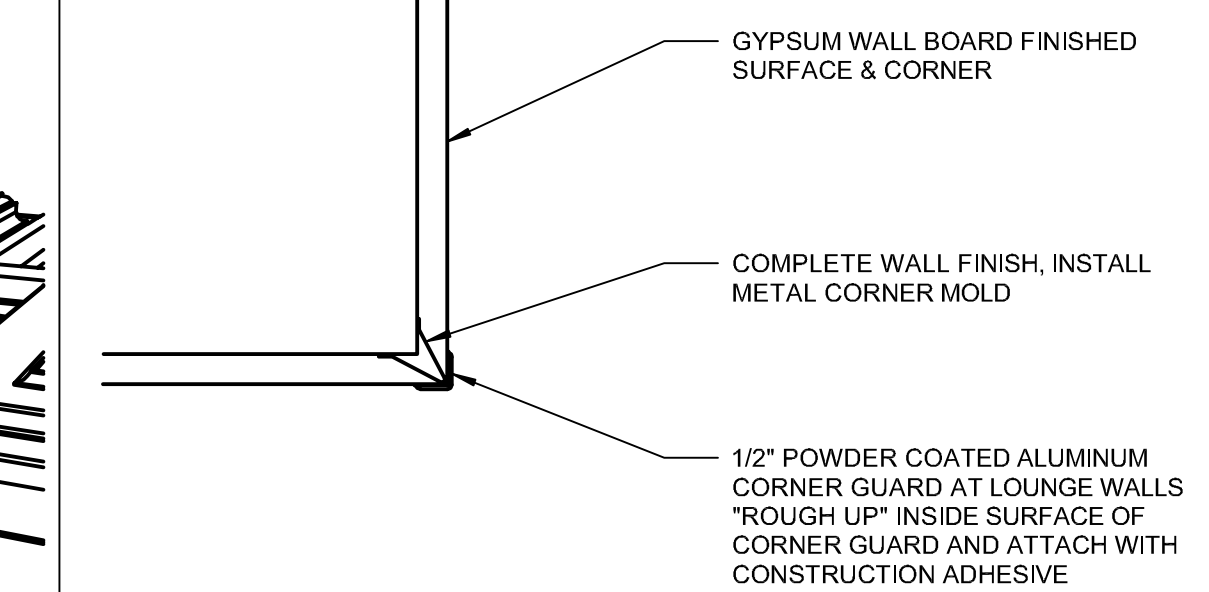
WALK-IN AT BASE DETAIL N.T.S. **19**



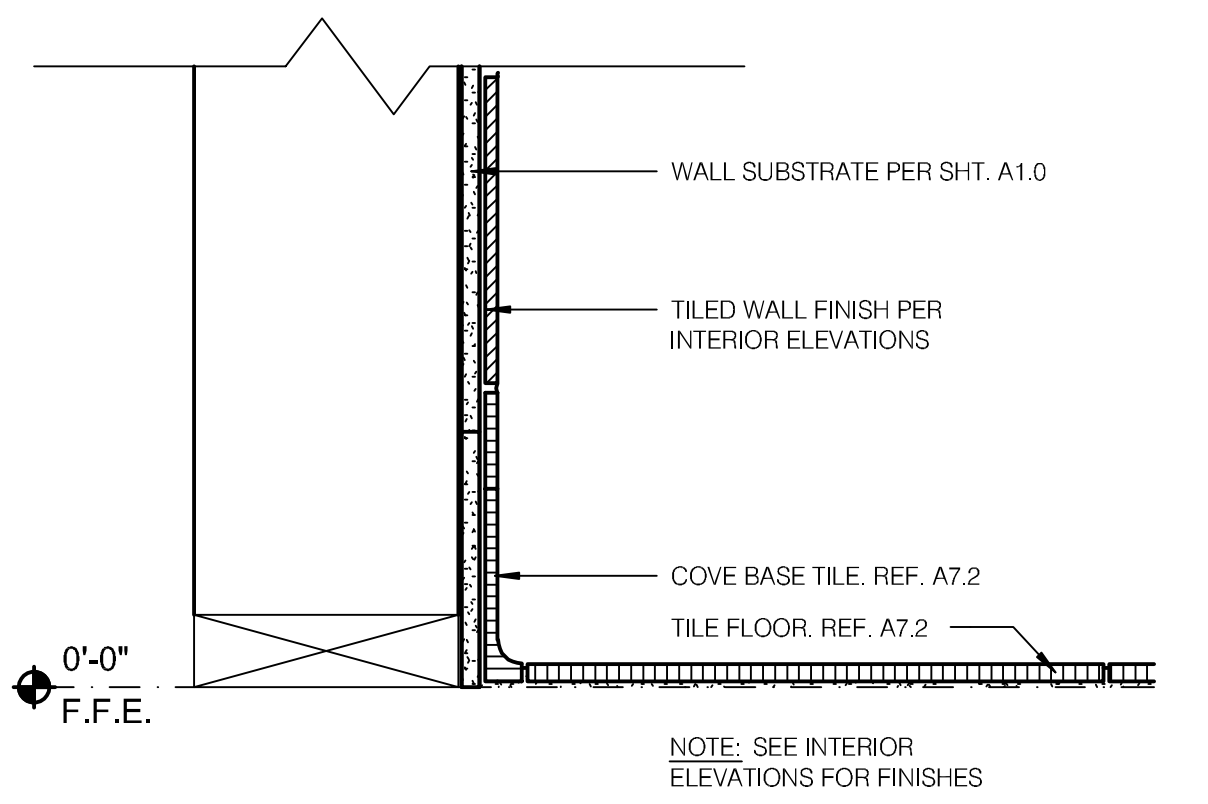
DETAIL AT EDGE OF TILE WALL N.T.S. **15**



CEILING DETAIL @ RECESSED FIXTURE N.T.S. **11**



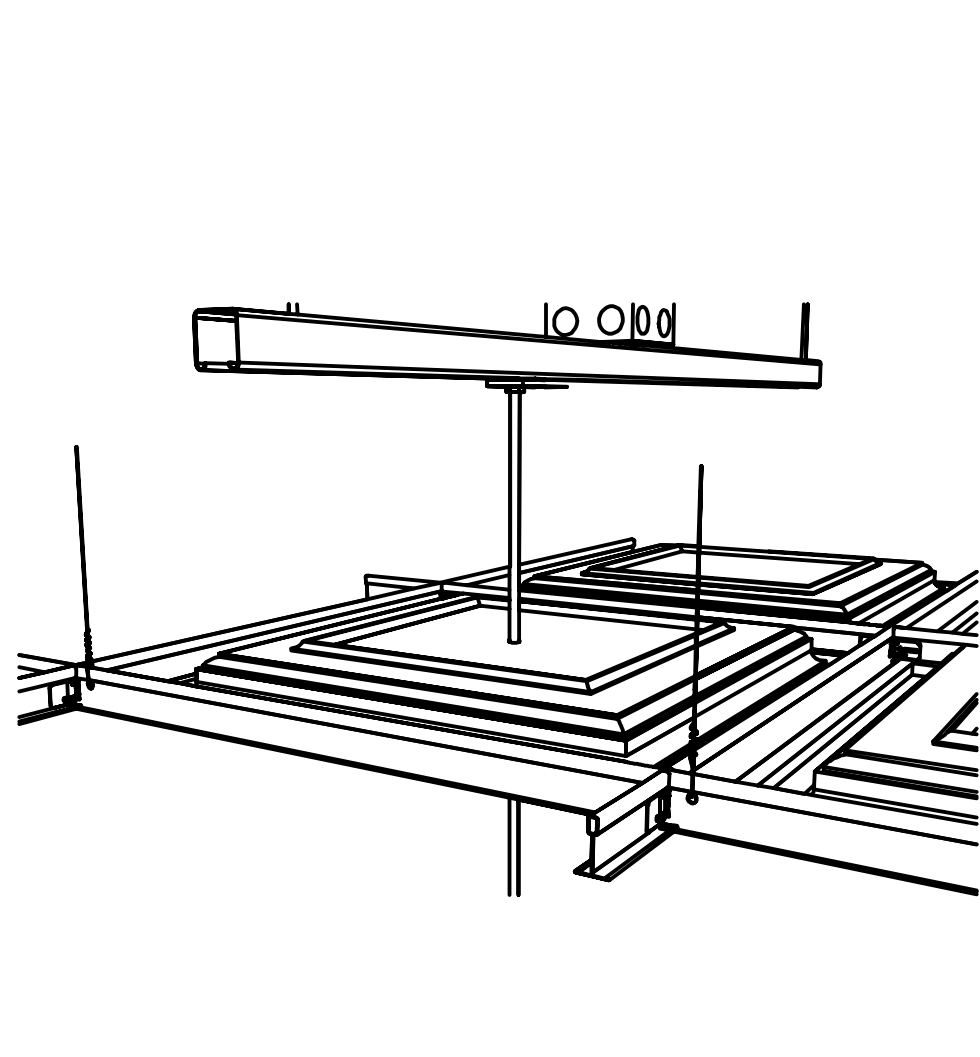
WALL DECOR CORNER GUARD N.T.S. **7**



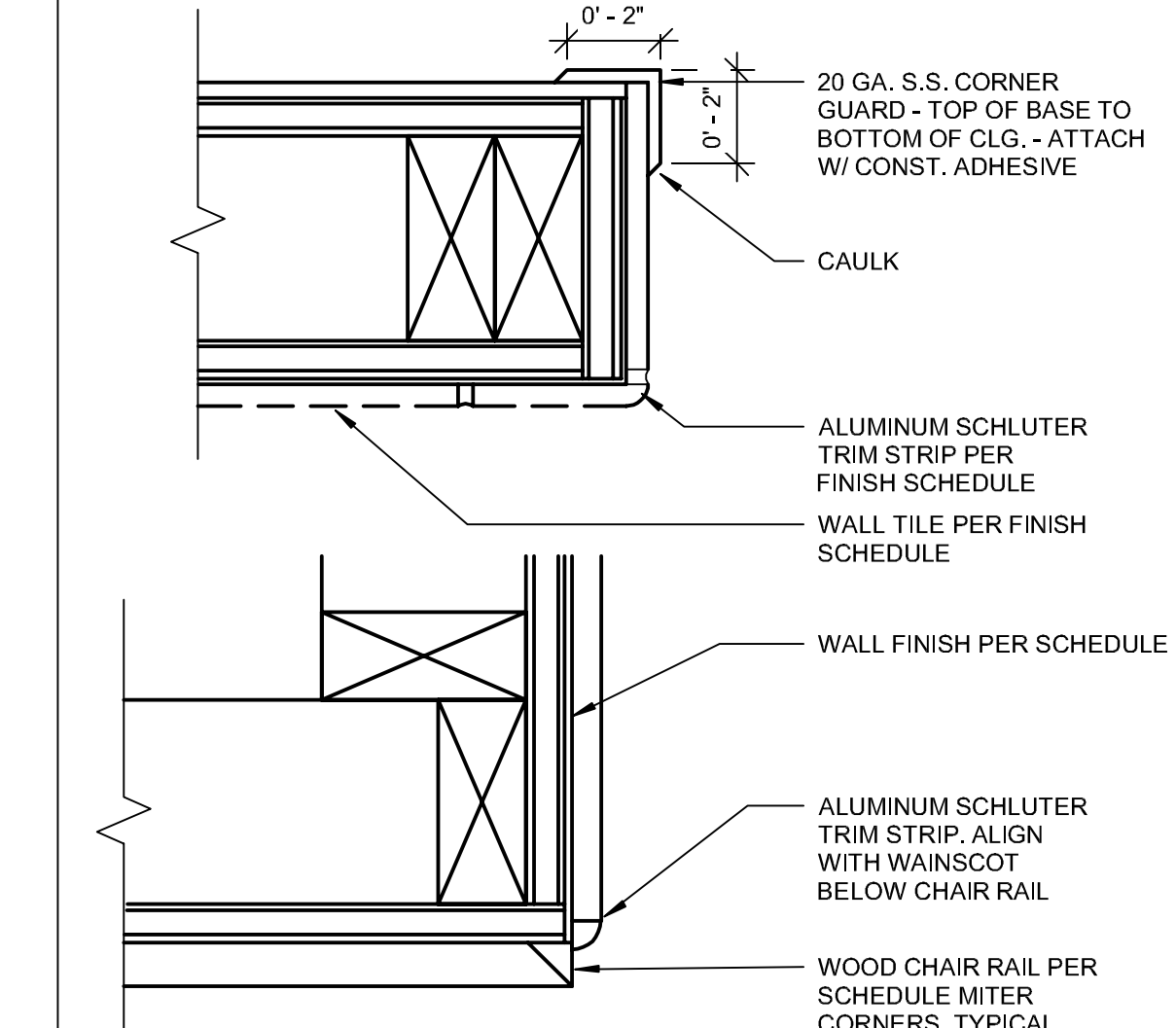
RESTROOM BASE @ WALL TILE 1" = 1'-0" **3**



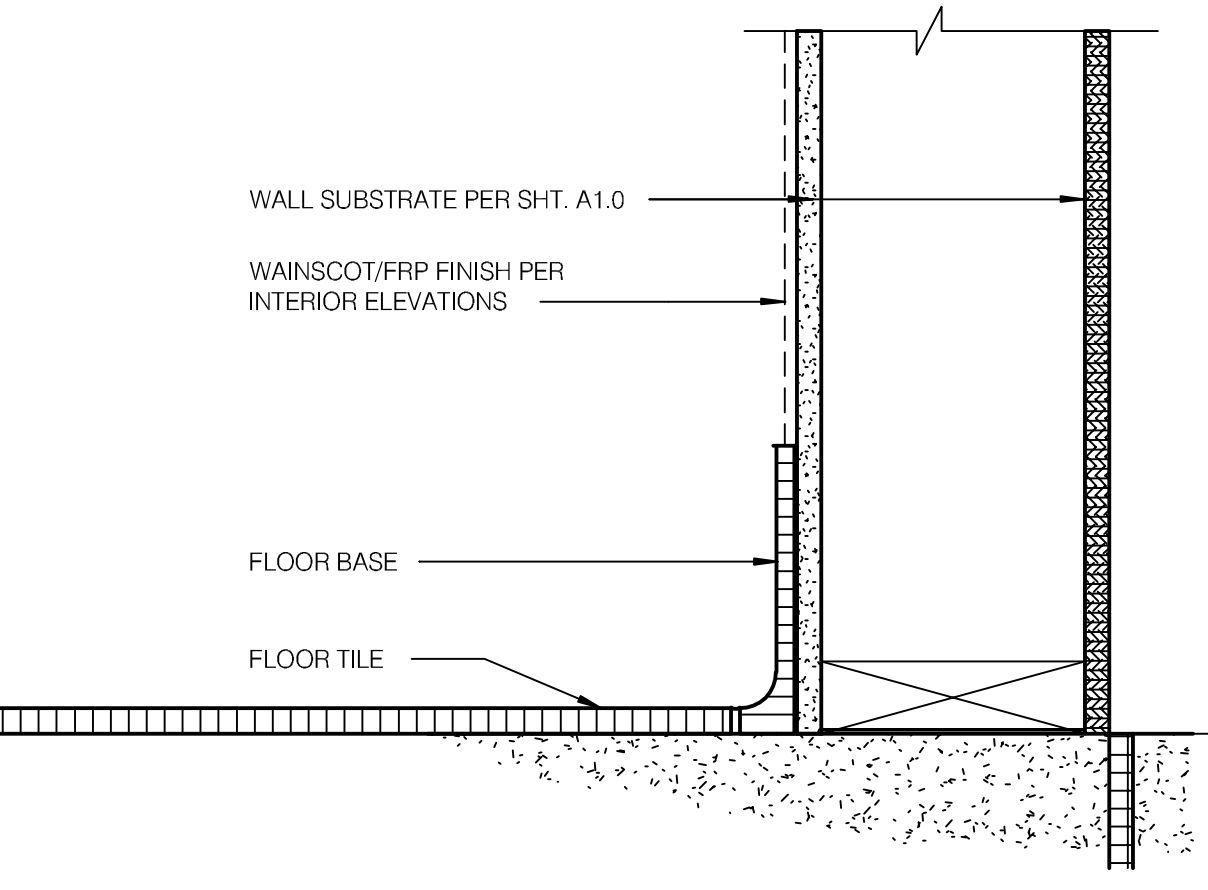
SCHLUTER CORNER GUARD N.T.S. **16**



CEILUME DETAIL @ PENDANT FIXTURE N.T.S. **12**



FINISH TRANSITIONS N.T.S. **8**



BASE @ EXTERIOR WALLS N.T.S. **4**

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1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com

STATE OF MICHIGAN
FREDERICK J. GOGUA
ARCHITECT
1301043648
LICENSED ARCHITECT
10/28/22

CONTRACT DATE:
BUILDING TYPE: N2T-M70HD
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WANCHE
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

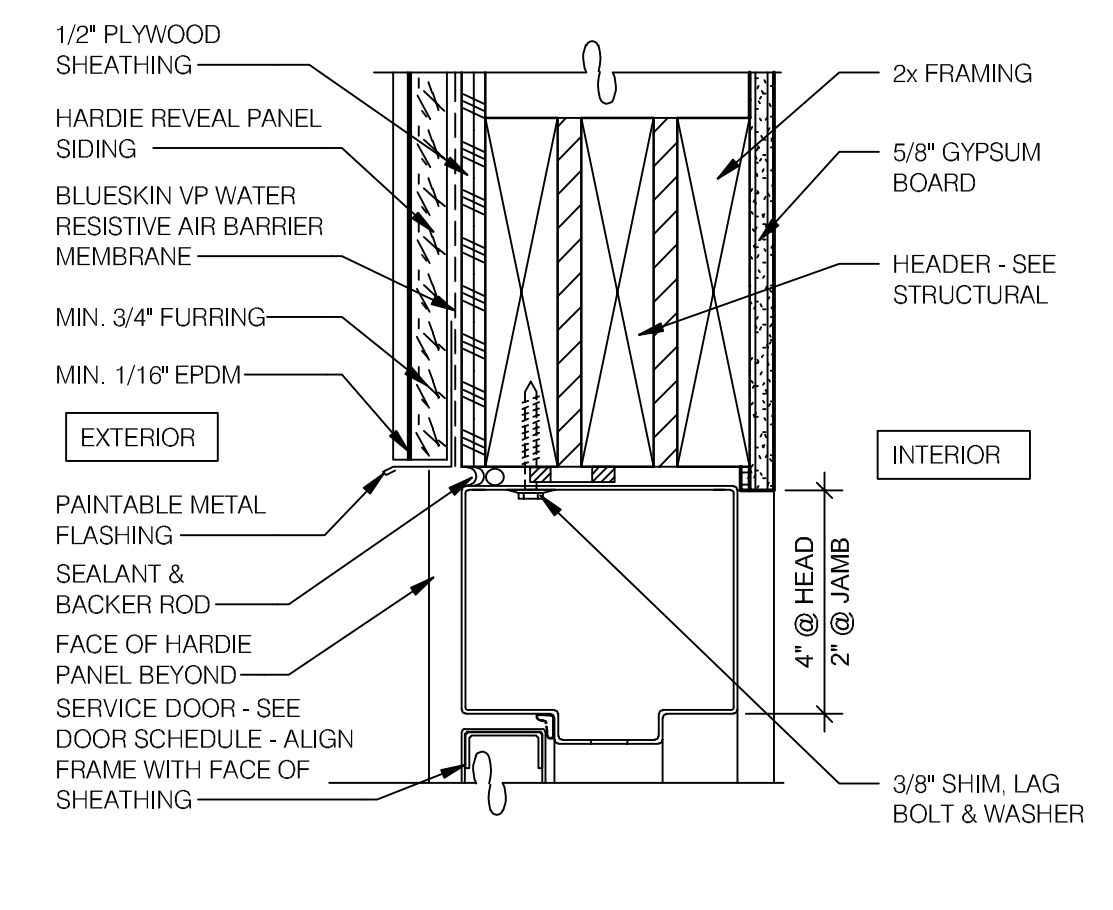
TACO BELL
205 ANN ARBOR RD.
PLYMOUTH, MI 48170

TACO BELL
MAJOR

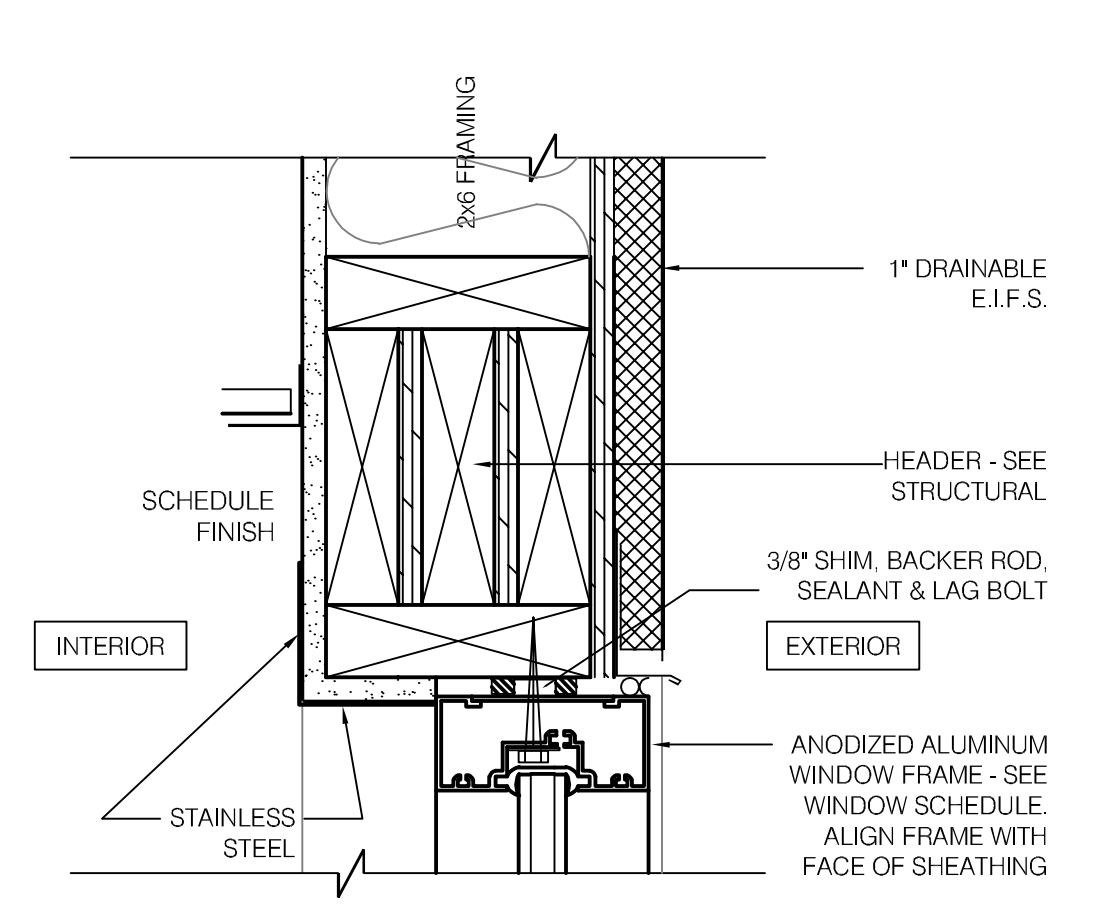
INTERIOR FINISH
DETAILS

A6.0

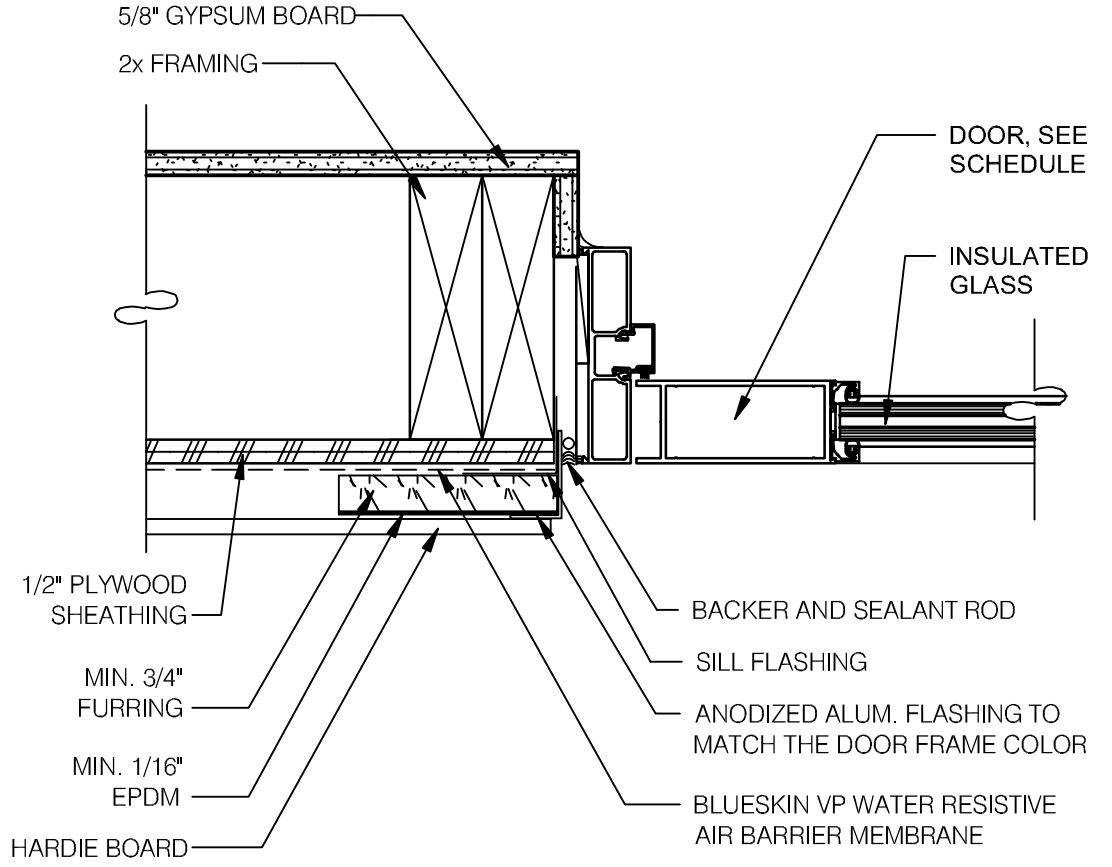
RO SET ISSUED: 10.27.22



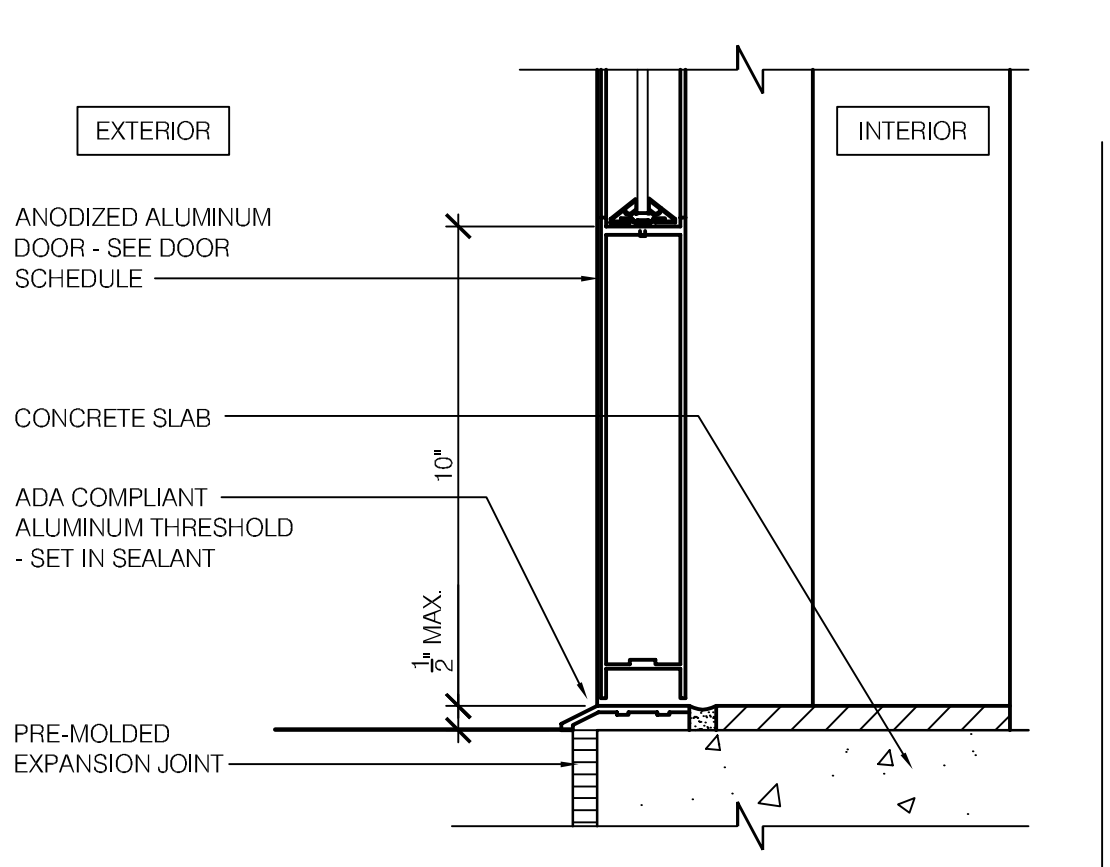
HEAD JAMB @ SERVICE DOOR 3" = 1'-0" **11**



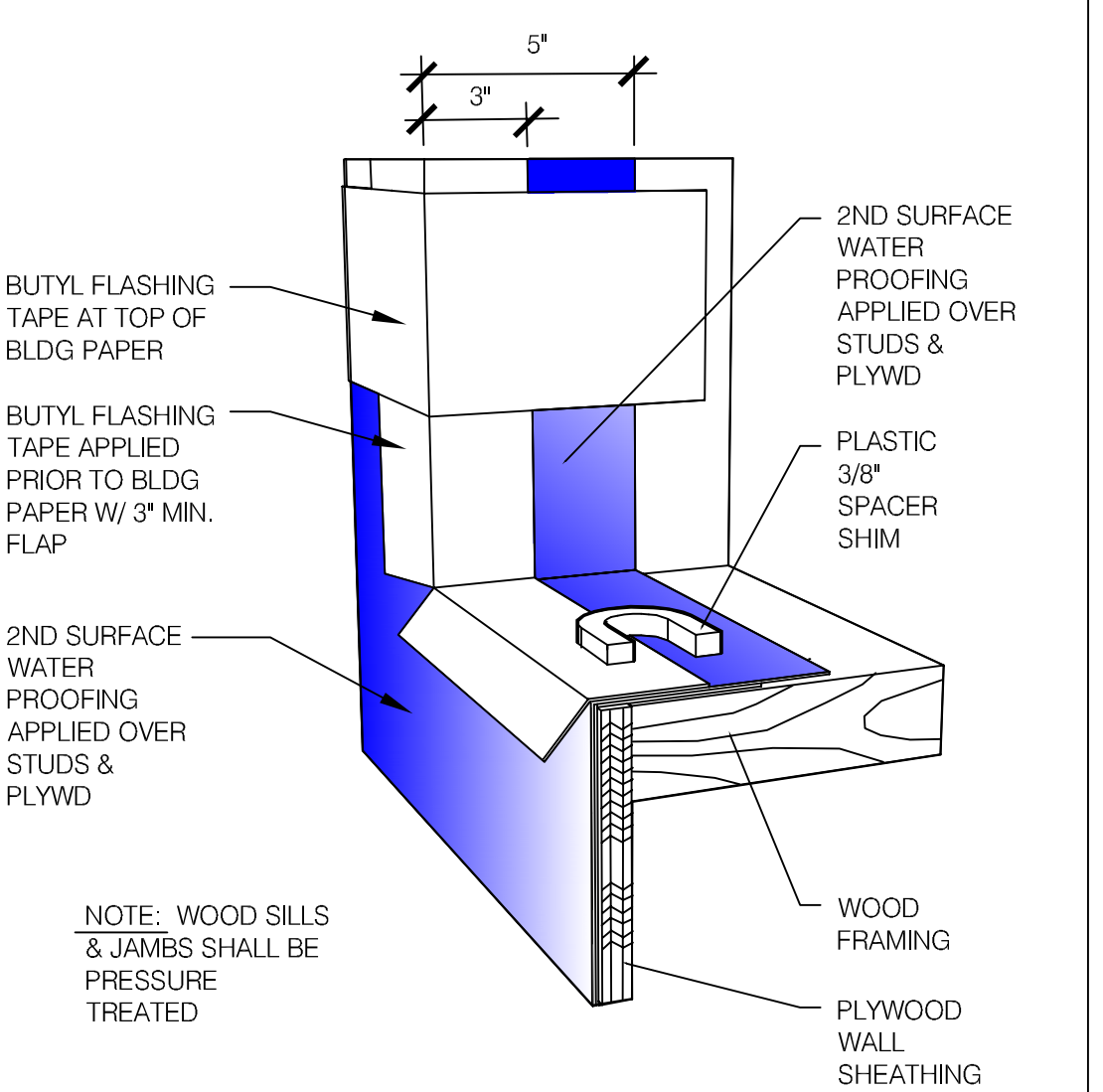
WINDOW HEAD @ DRIVE THRU 3" = 1'-0" **8**



STOREFRONT DOOR JAMB 3" = 1'-0" **4**

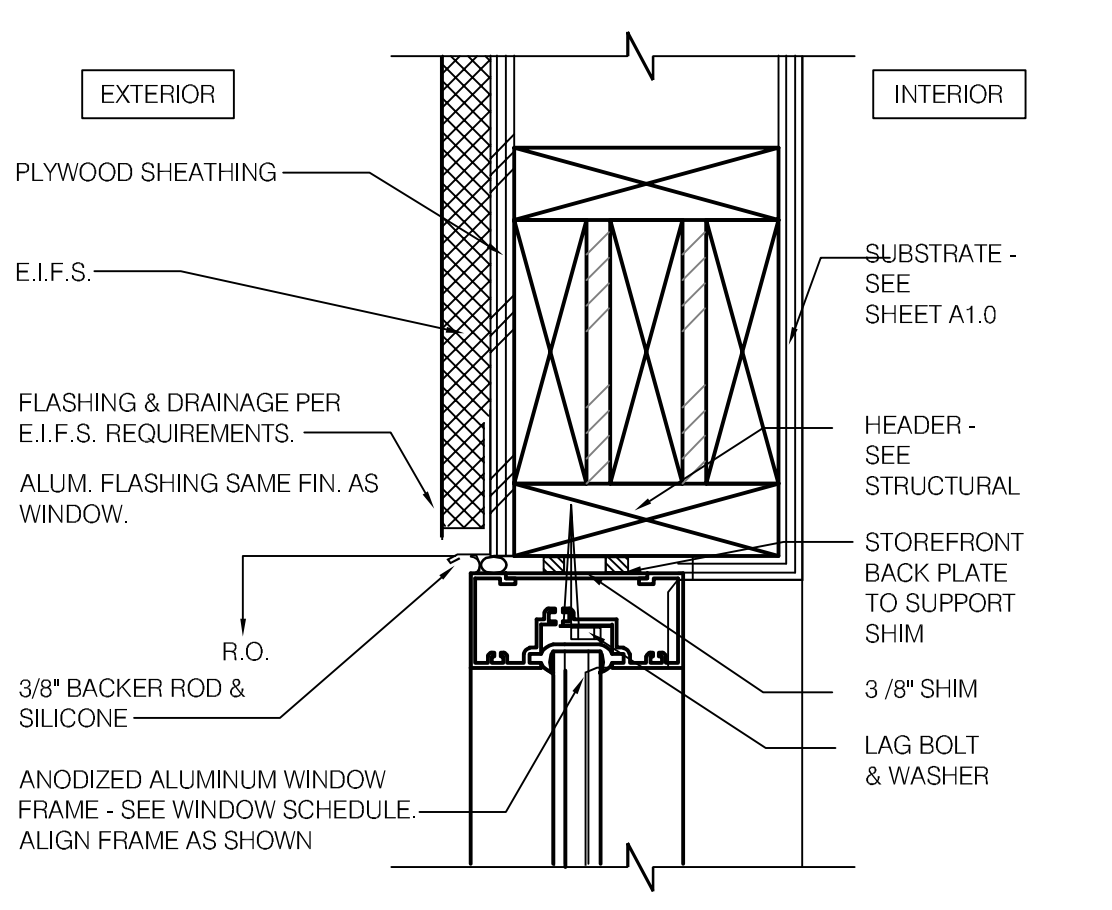


STOREFRONT DOOR SILL 3" = 1'-0" **2**

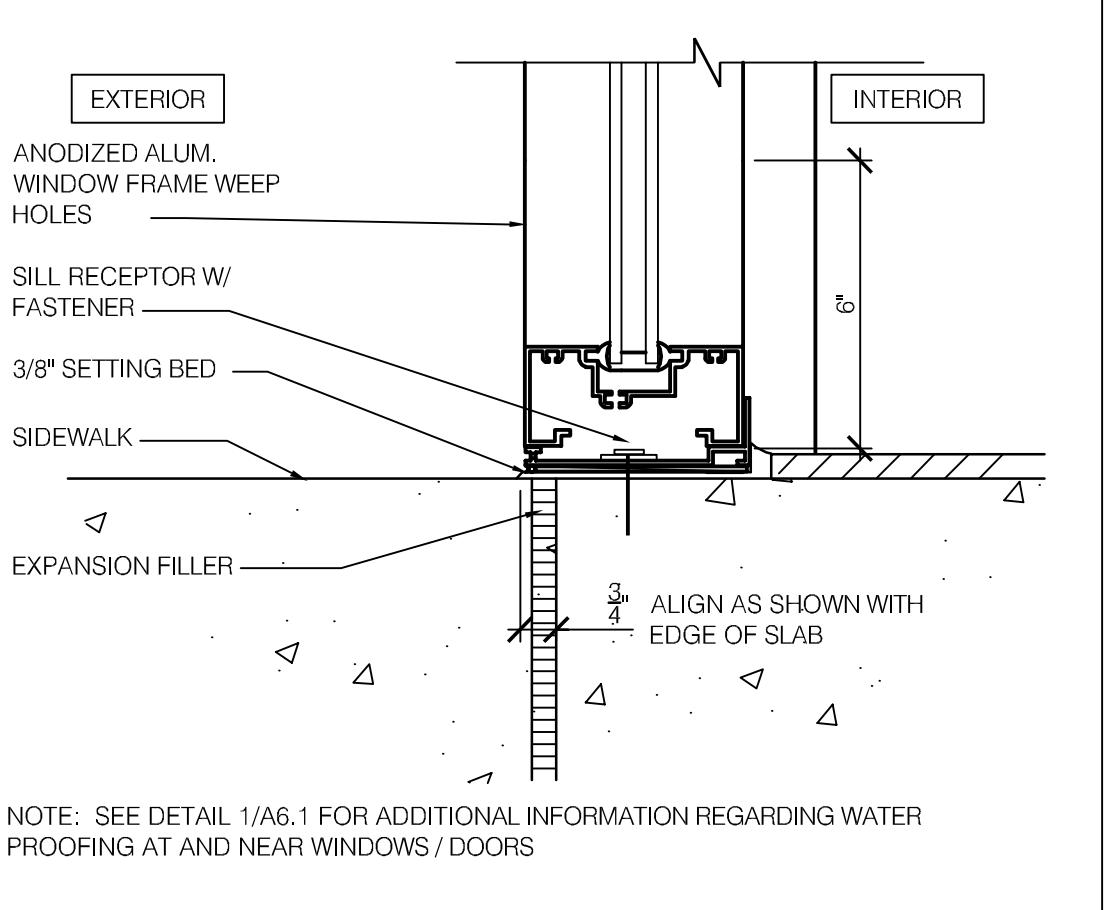


WATER PROOFING ROUGH OPENING

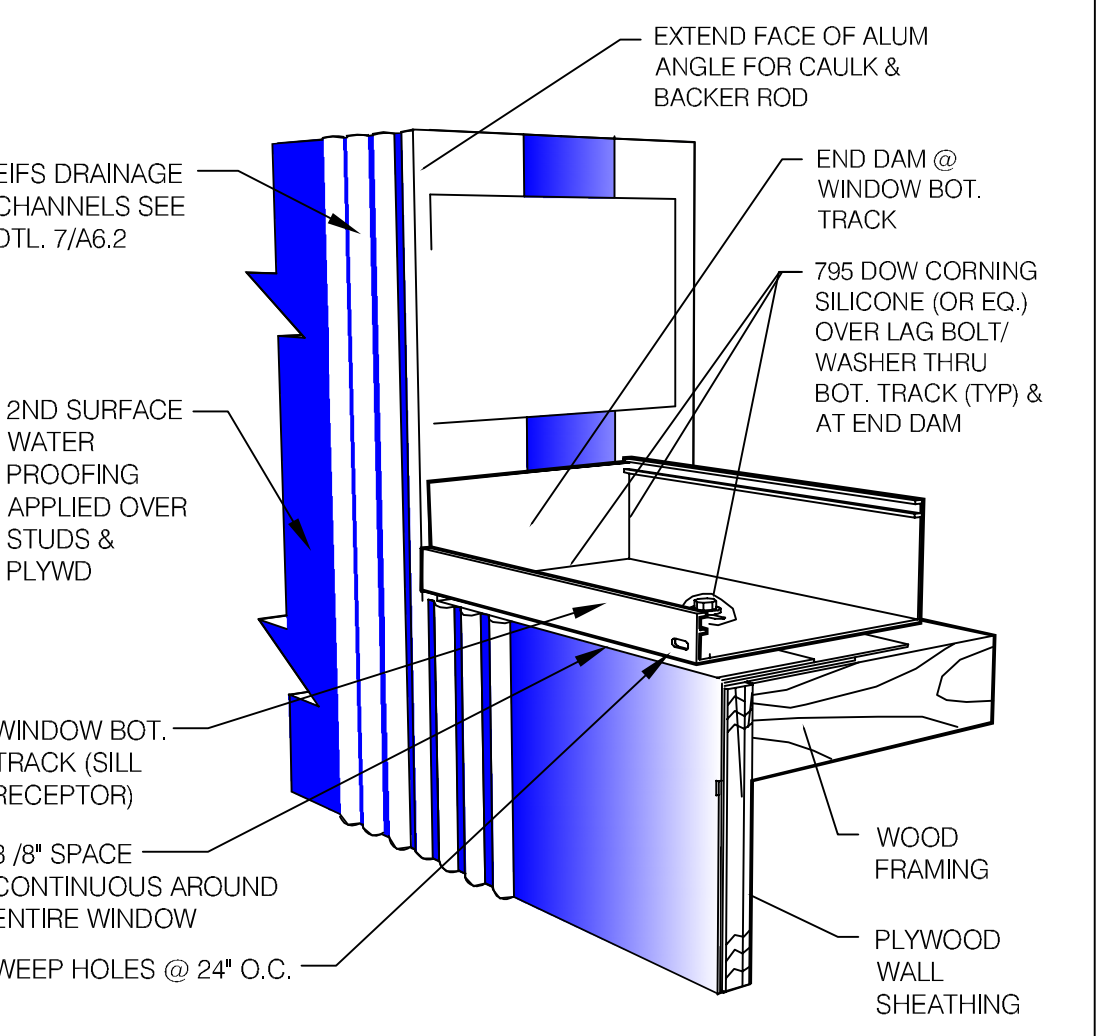
NOTE: WOOD SILLS & JAMBS SHALL BE PRESSURE TREATED
AFTER FRAMING 2ND SURFACE WATER PROOFING PER EIFS MANUFACTURER. ADD FLASHING TAPE AROUND THE ROUGH OPENING FOR THE WINDOW AND DOOR OPENING



TYPICAL WINDOW HEAD 3" = 1'-0" **5**

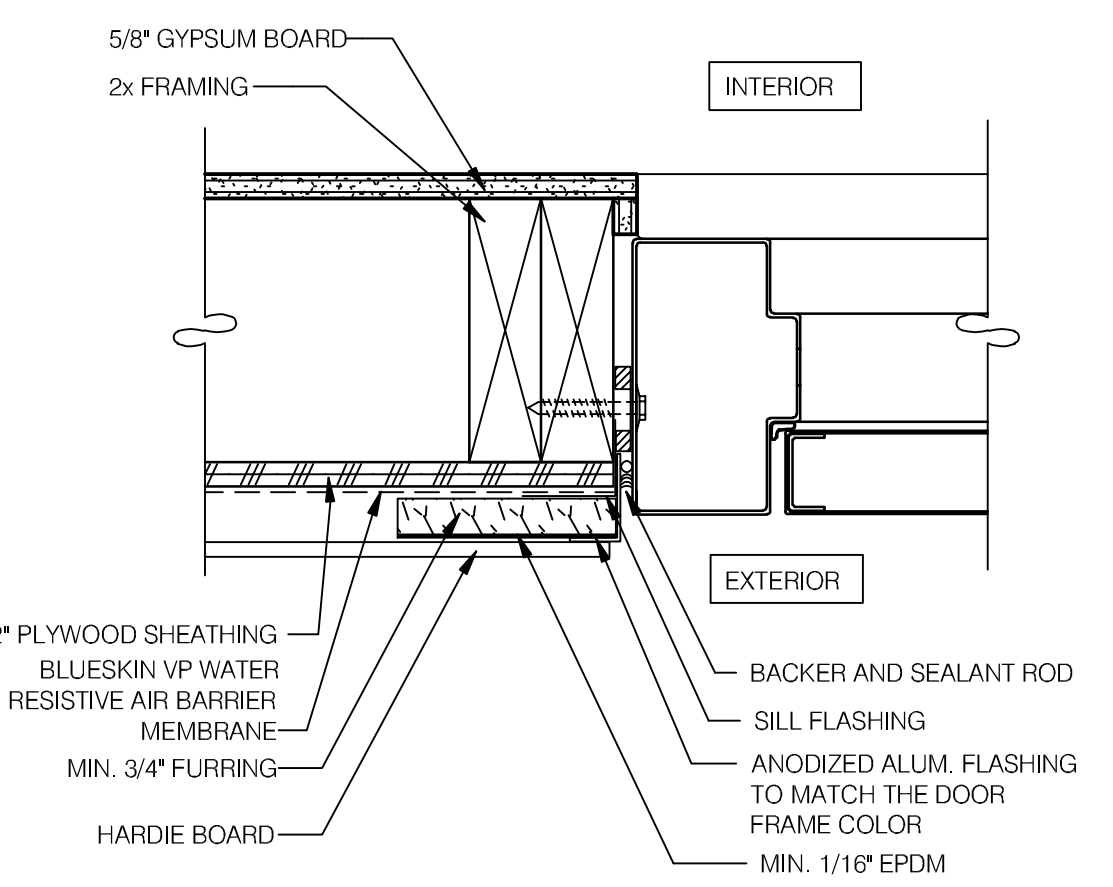


STOREFRONT WINDOW SILL 3" = 1'-0" **3**

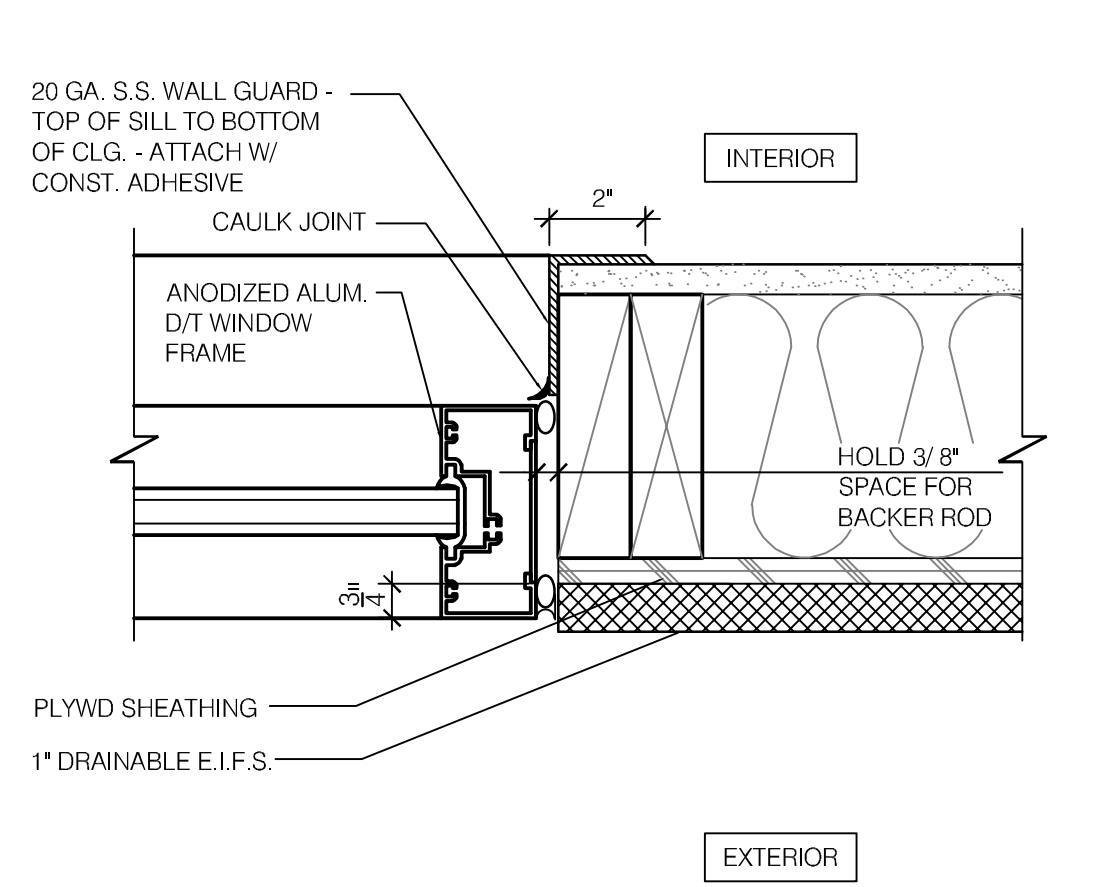


ADD SILL RECEPTOR AND END DAM

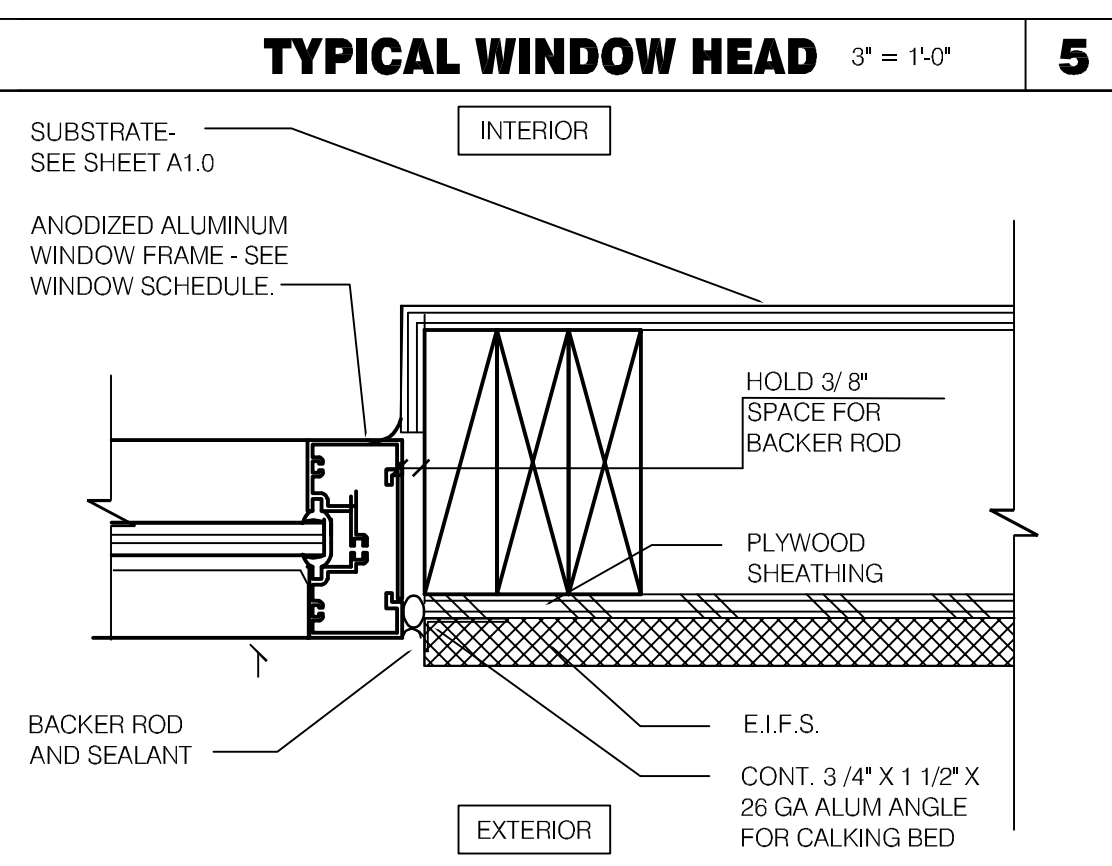
THIS DIAGRAM SHOWS THE APPLICATION OF SILL RECEPTOR AND VERTICAL EIFS ADHESIVE DRAINAGE CHANNELS. USE 100% PURE ISOPROPYL ALCOHOL TO CLEAN METAL SURFACE PRIOR TO APPLYING SILICONE.



JAMB @ SERVICE DOOR 3" = 1'-0" **12**



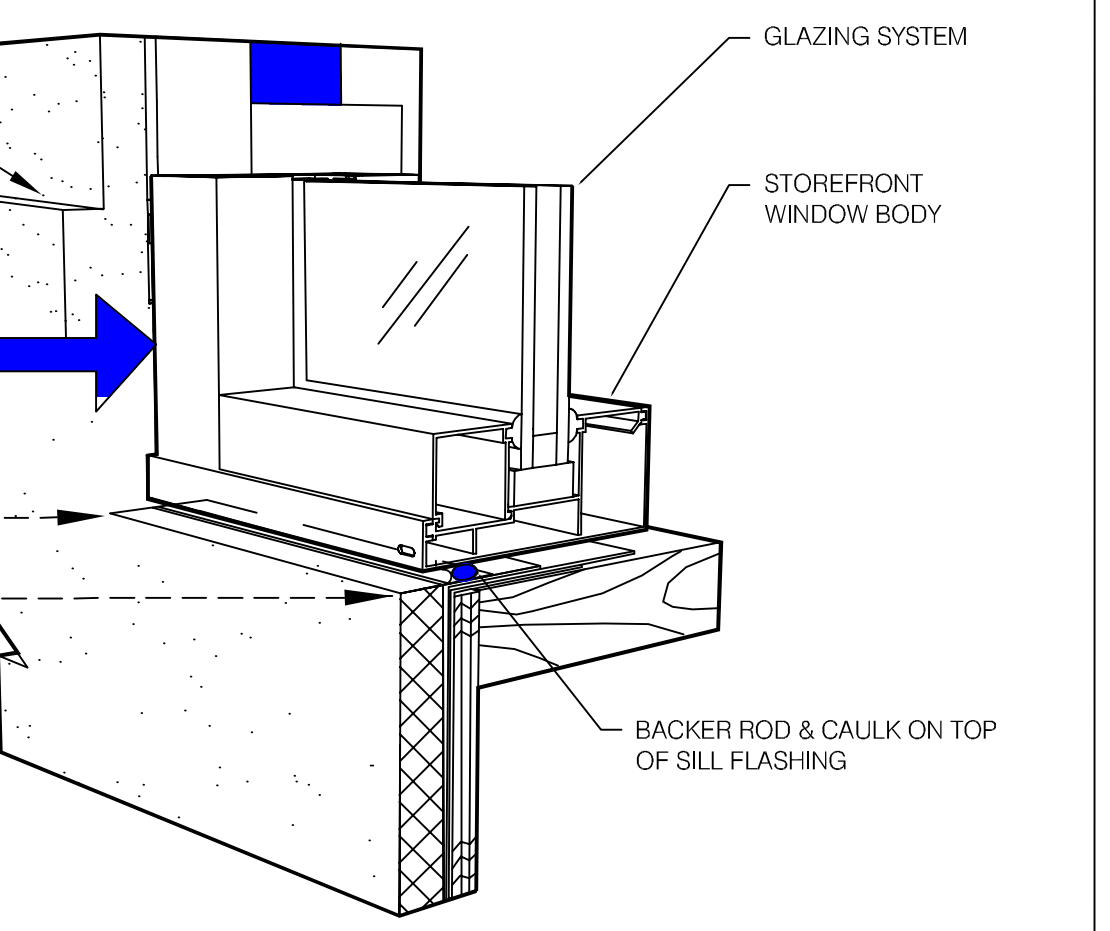
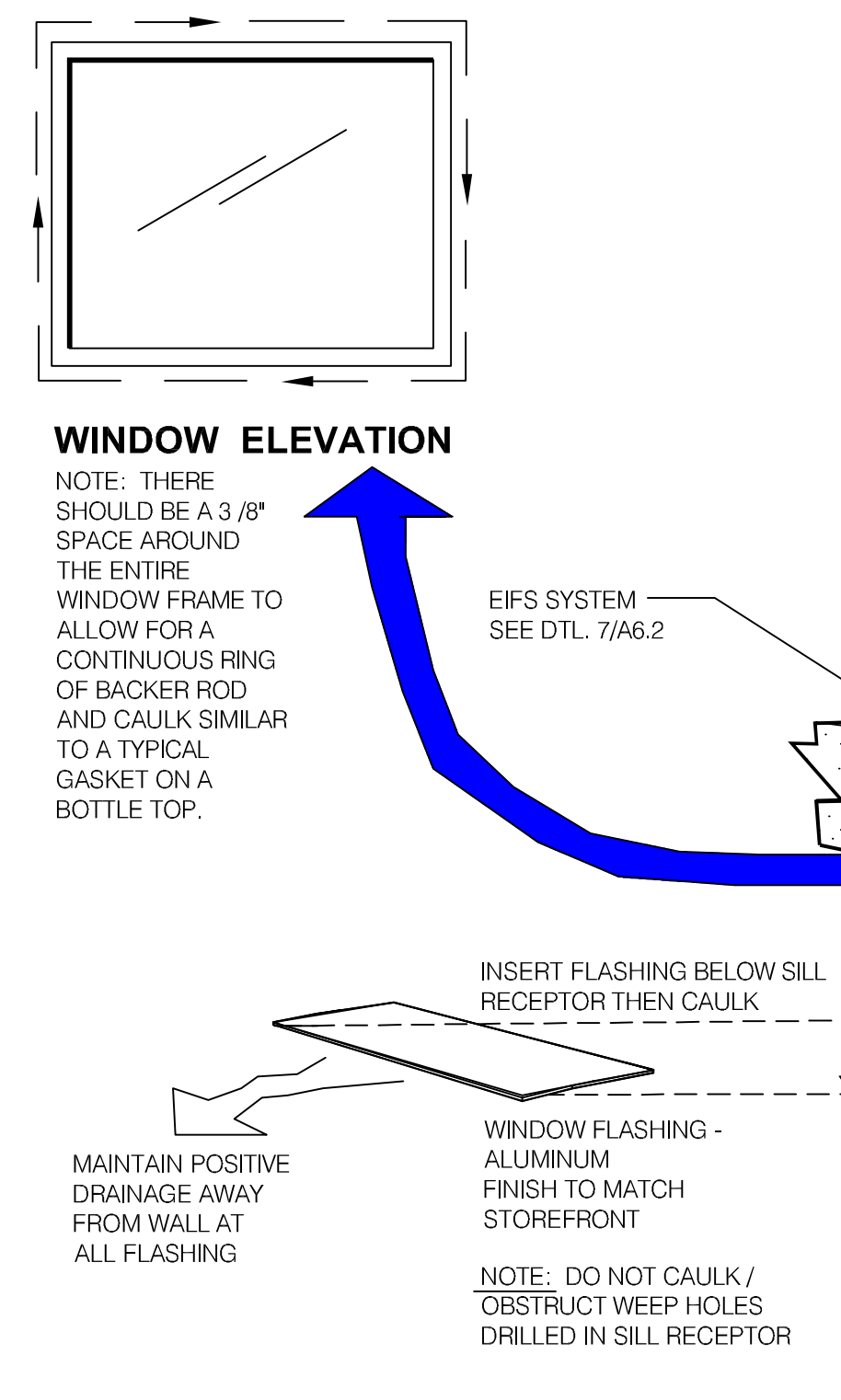
WINDOW JAMB @ DRIVE THRU 3" = 1'-0" **9**



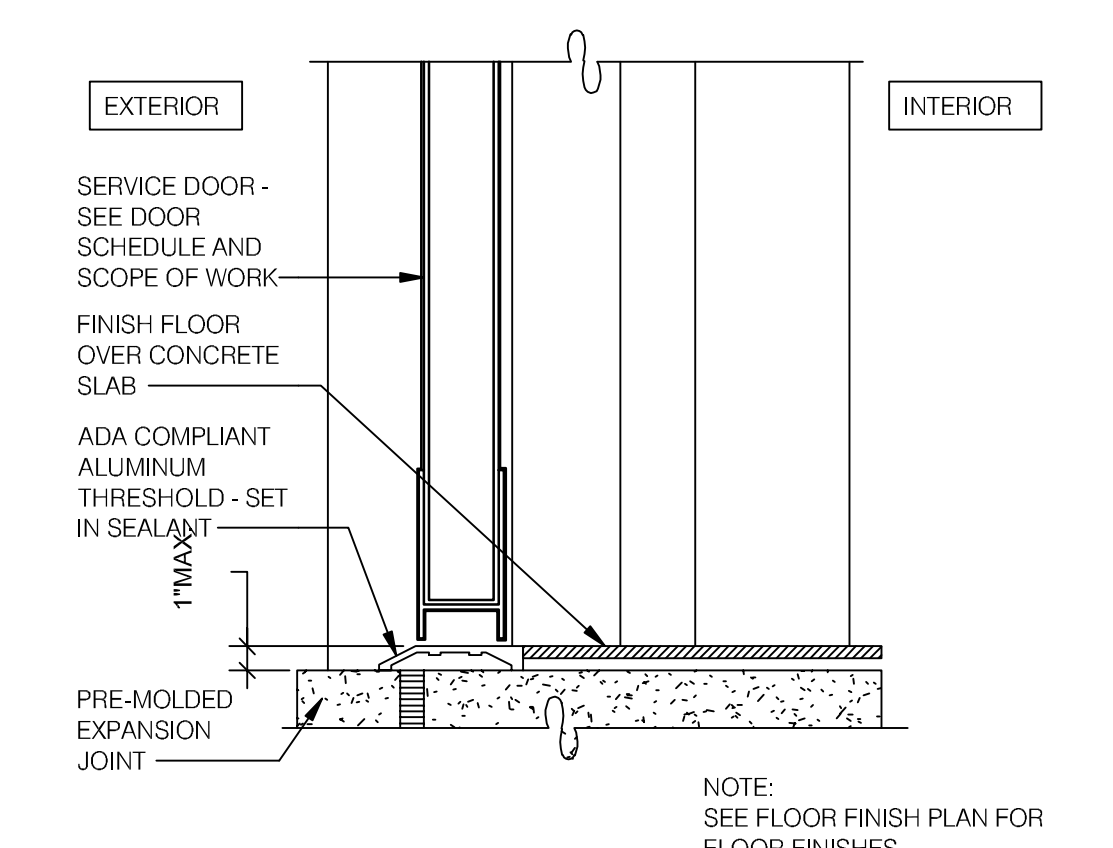
TYPICAL WINDOW JAMB 3" = 1'-0" **6**



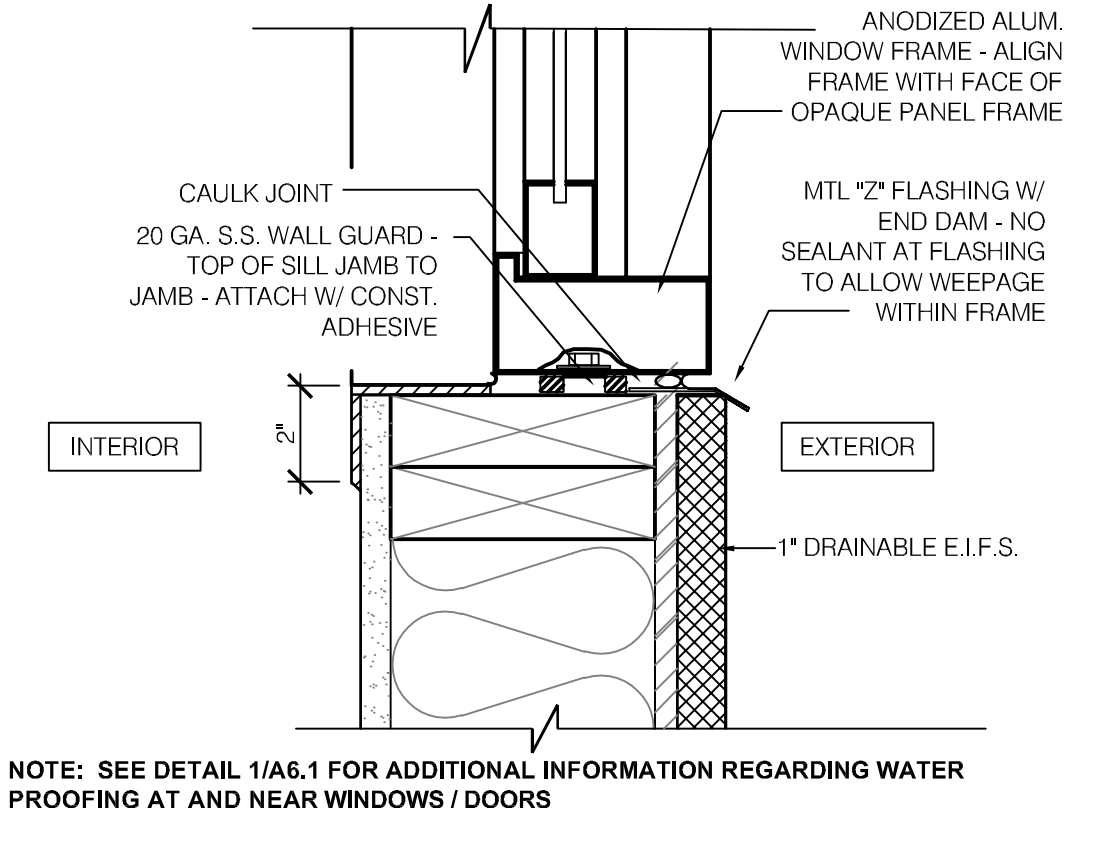
TYPICAL WINDOW SILL 3" = 1'-0" **7**



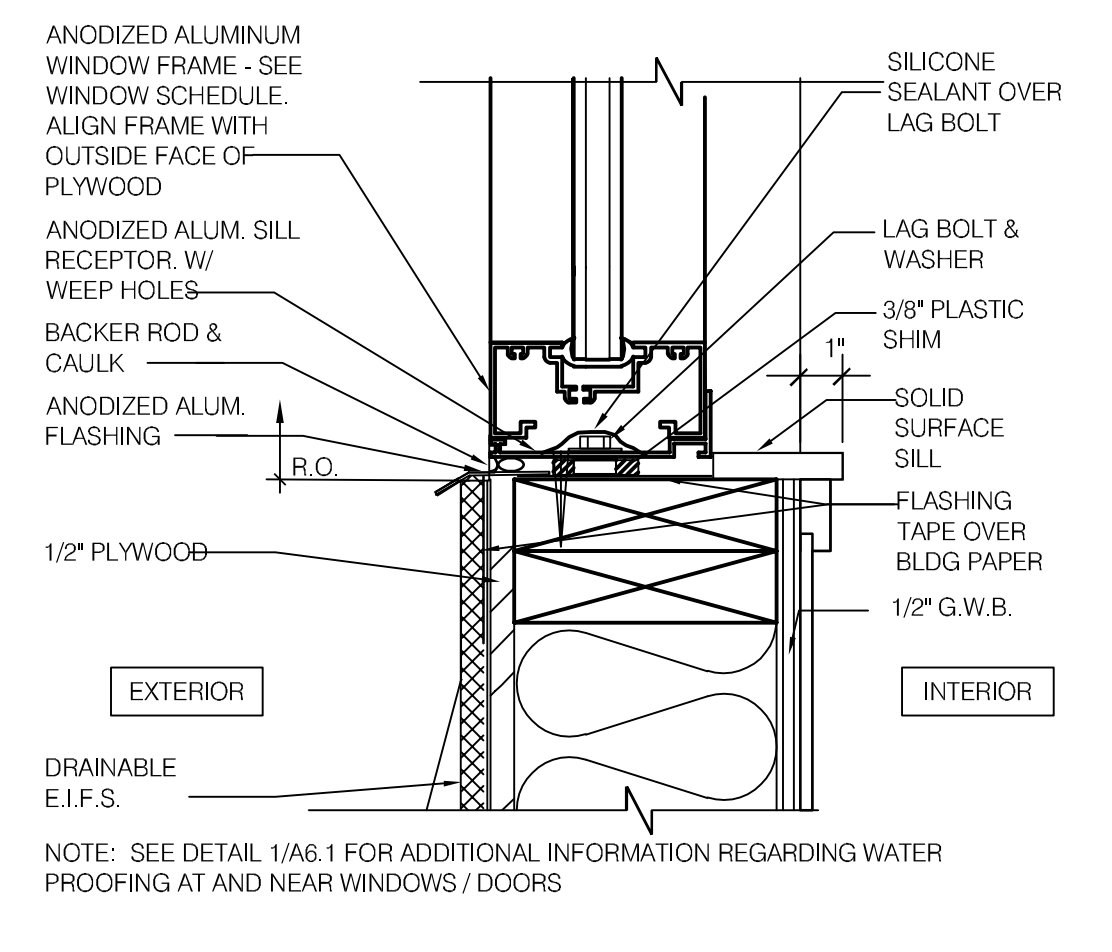
TYPICAL WINDOW WALL WATER PROOFING 3" = 1'-0" **1**



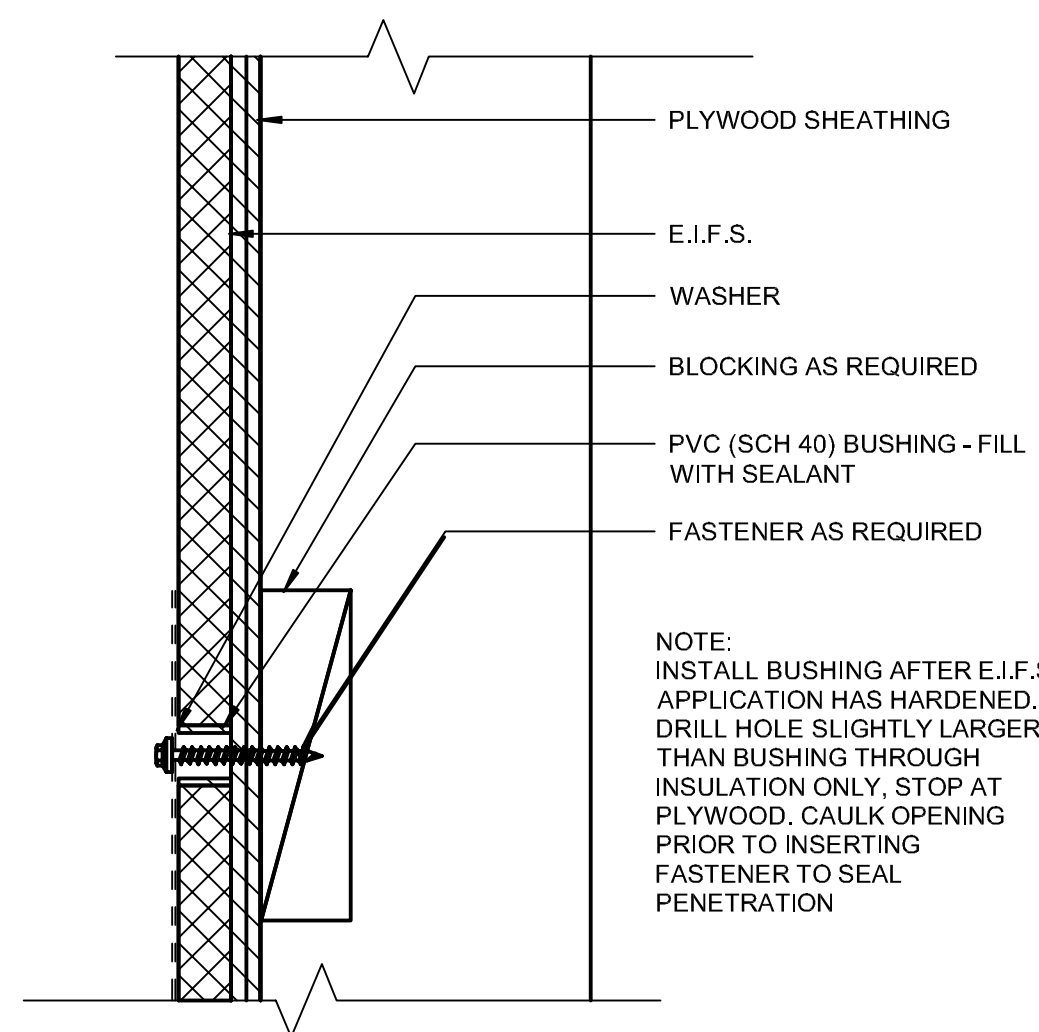
THRESHOLD @ SERVICE DOOR 3" = 1'-0" **13**



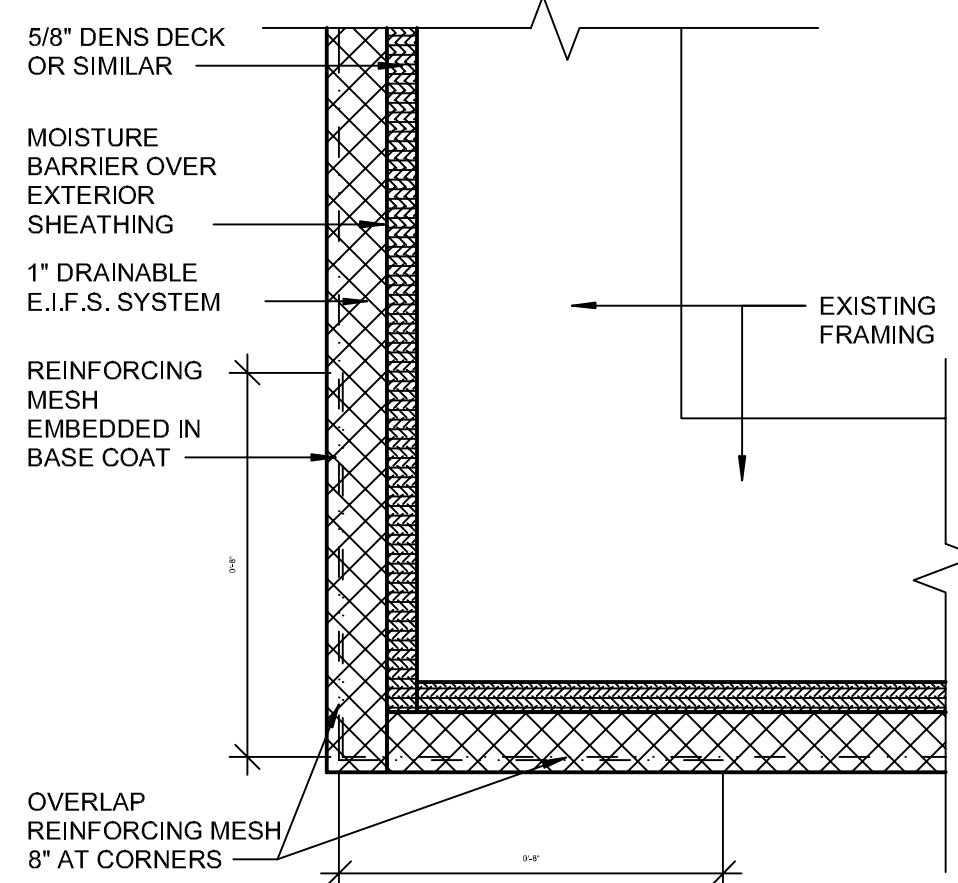
WINDOW SILL @ DRIVE THRU 3" = 1'-0" **10**



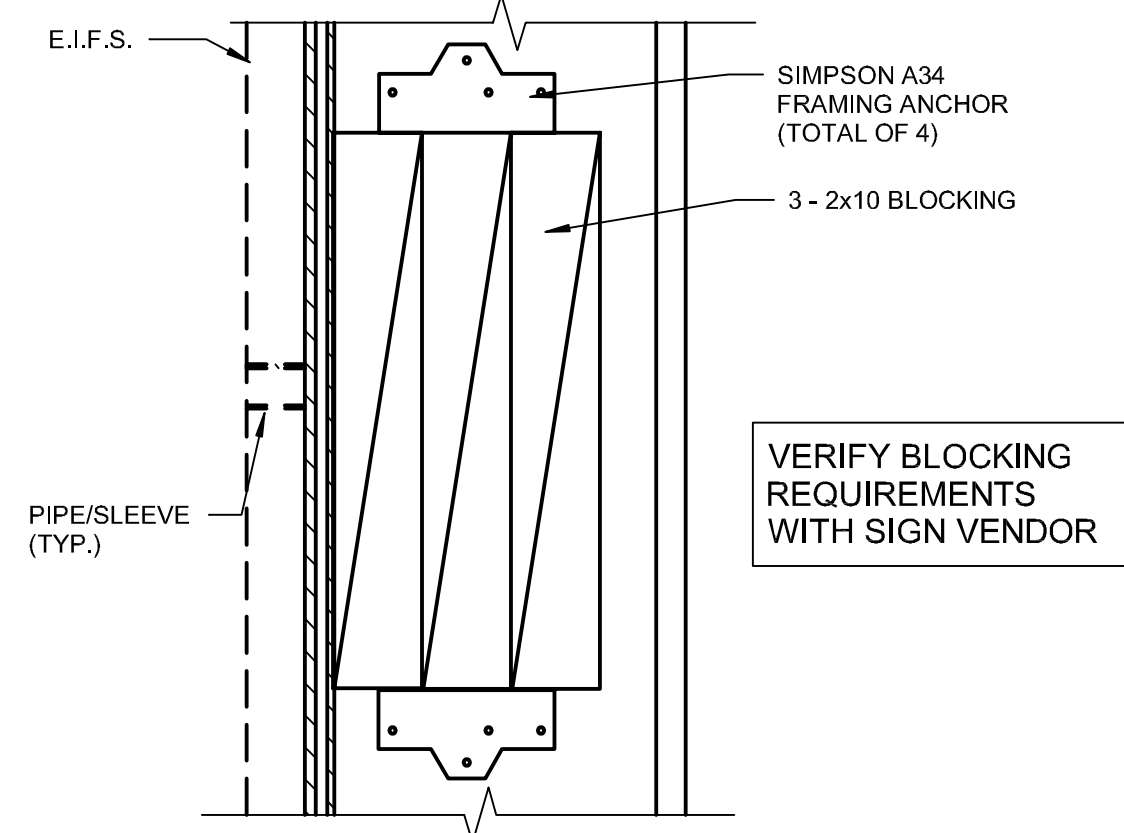
TYPICAL WINDOW SILL 3" = 1'-0" **7**



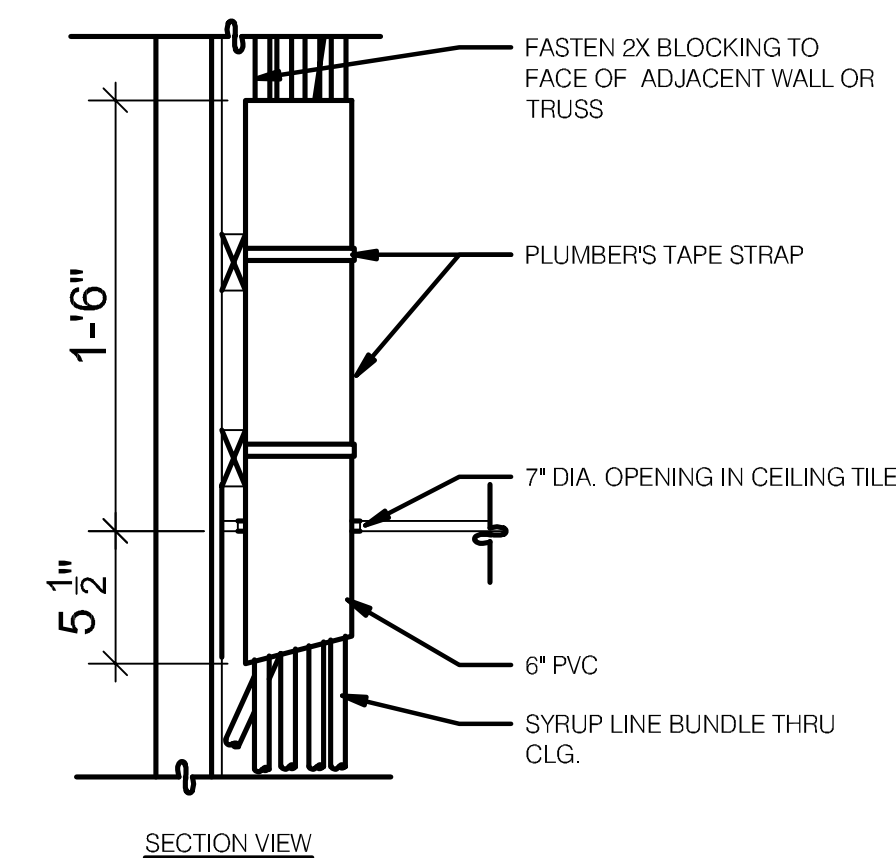
CONNECTION THRU E.I.F.S. 3" = 1'-0" **8**



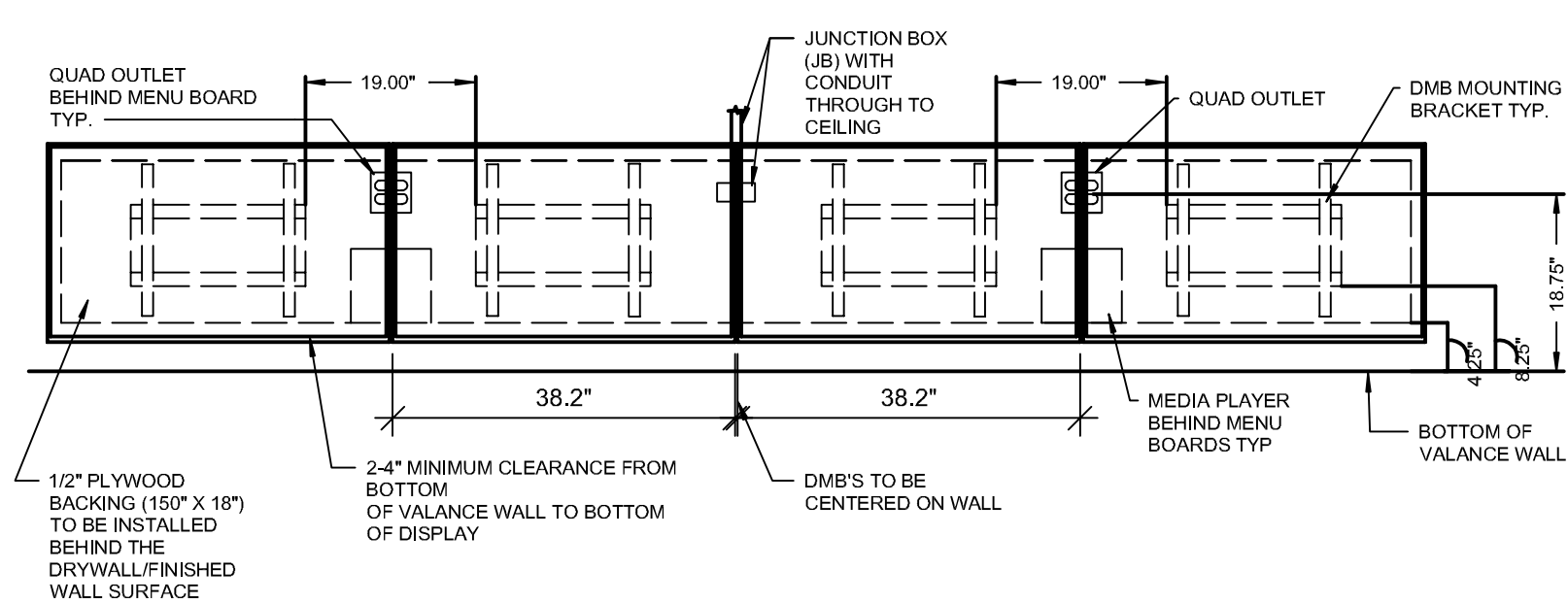
E.I.F.S. CORNER DETAIL 3" = 1'-0" **7**



BLOCKING DETAIL N.T.S. **4**



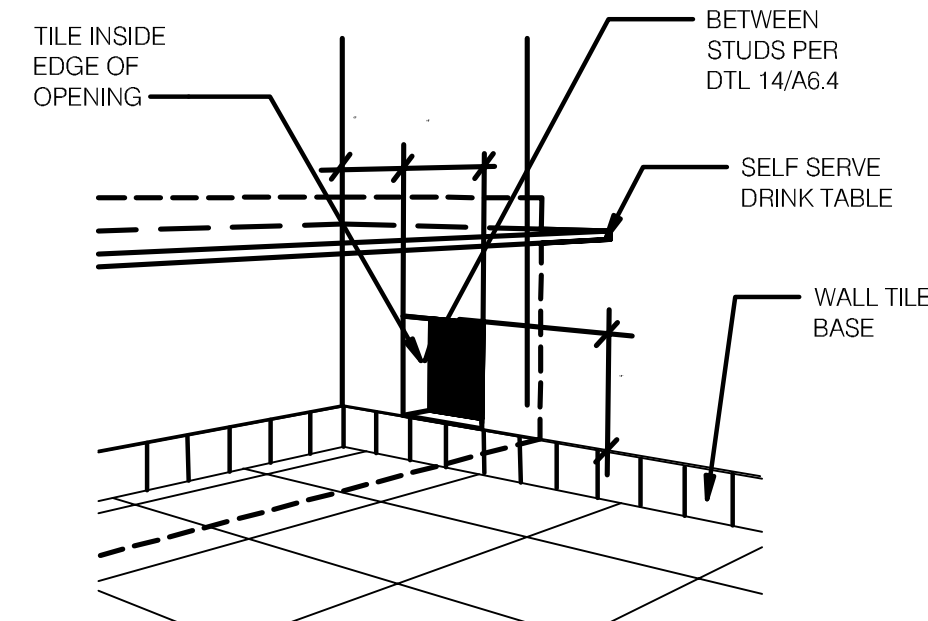
SYRUP BUNDLE AT CEILING 1/2" = 1'-0" **1**



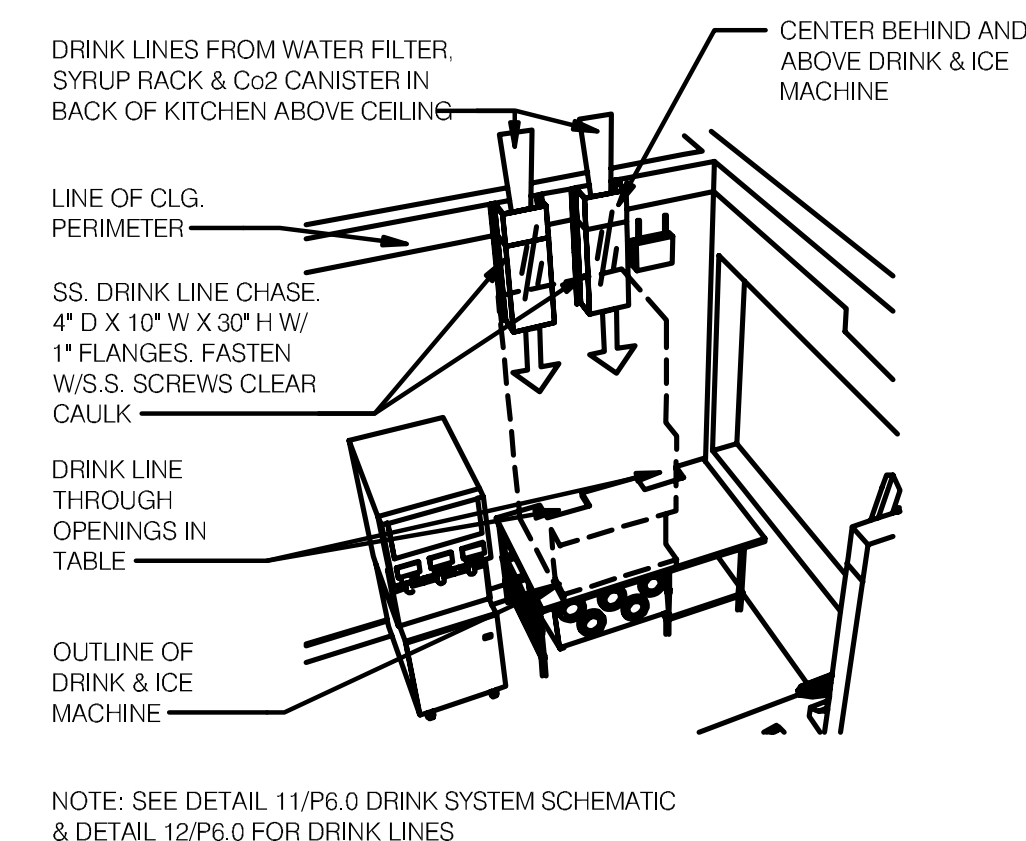
- NOTES:
- EC/GC TO INSTALL A TOTAL OS (4) IG5262 DUPLEX OUTLETS IN (2) QUAD BOXES ON FRONT OF VALANCE WALL AS SHOWN. OUTLETS TO BE ORANGE AND STRAIGHT BLADE.
 - EC/GC TO EVALUATE VALANCE WALL STRUCTURE TO ENSURE ADEQUATE SUPPORT OF DIGITAL MENU BOARDS EQUIPMENT. EC/GC TO INSTALL ADDITIONAL BACKING MATERIALS (AS REFERENCED ON DRAWINGS) AS NEEDED TO ENSURE ADEQUATE SUPPORT OF DIGITAL MENU BOARDS
 - EC/GC TO INSTALL (1) DATA JUNCTION (JB) IN VALANCE WALL AS SHOWN. CONDUIT TERMINATED ABOVE CEILING TO HAVE BUSHING.
 - EC/GC TO RUN (3) CAT6 LINES FROM NETWORK SWITCH TO DATA JUNCTION BOX. CAT6 LINES SHOULD HAVE BOTH PROPERLY TERMINATED WITH RJ-45 CONNECTORS. EXCESS CAT6 CABLE TO BE COILED INTO SERVICE LOOPS AT EACH END AND LEFT ACCESSIBLE FOR DMB INSTALL TEA. CAT6 TO BE RUN IN ACCORDANCE WITH ALL LOCAL MUNICIPALITY CODE REQUIREMENTS.
 - EC/GC SHALL ACQUIRE AND SECURE NY/ALL REQUIRED PERMITTING FOR THE WORK MENTIONED ABOVE PER MUNICIPALITY CODE REQUIREMENTS.
 - DRAWING PROVIDED IS FOR INSTALLATION OF DMB EQUIPMENT ONLY. NOT TO BE USED FOR ARCHITECTURAL PURPOSES. IF PLACEMENT OF REQUIRED ELEMENTS CANNOT BE MET AND WILL EXCEED A 3IN DEVIATION, STRATACACHE MUST BE NOTIFIED IMMEDIATELY.

ELECTRICAL SCHEDULE								
QTY	DESCRIPTION	VOLT/PH	BRK SIZE	COND/WIRE	PNL/CCT	RECP TYPE	HGT AFF	REQUIREMENT & REMARKS
4	MENU BOARD - DIGITAL & MEDIA PLAYER	120/1 ISOLATED	20A			(4) IG5262	SEE PLAN	SEE LAYOUT AND PLAN

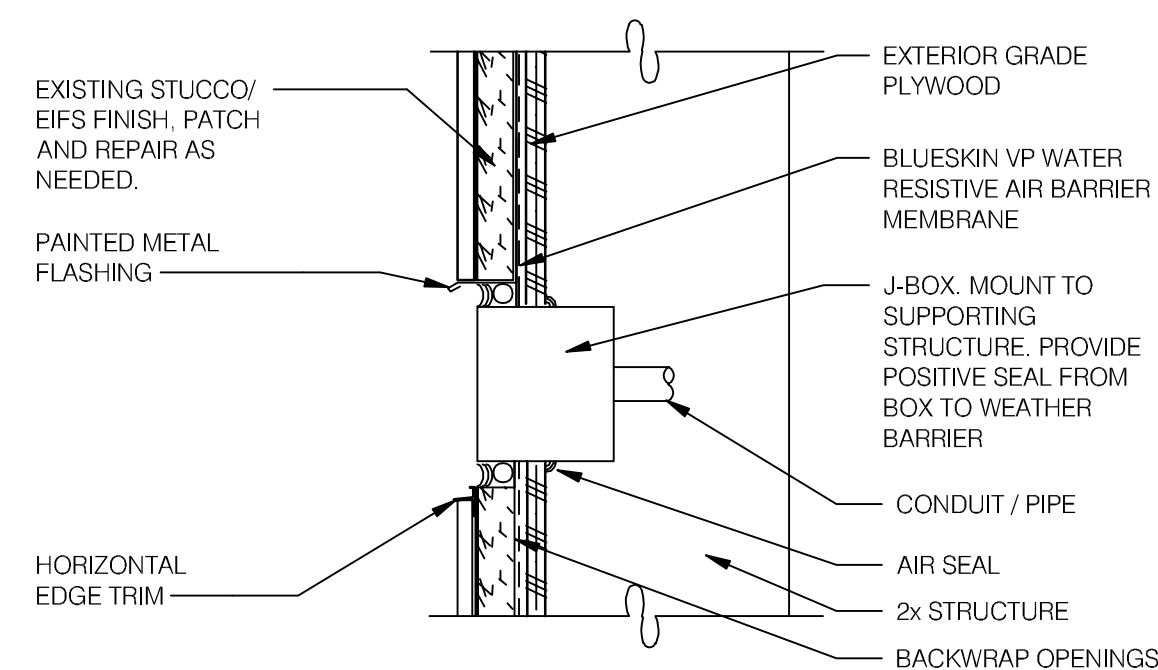
MENU BOARD MOUNTING DETAIL 3" = 1'-0" **9**



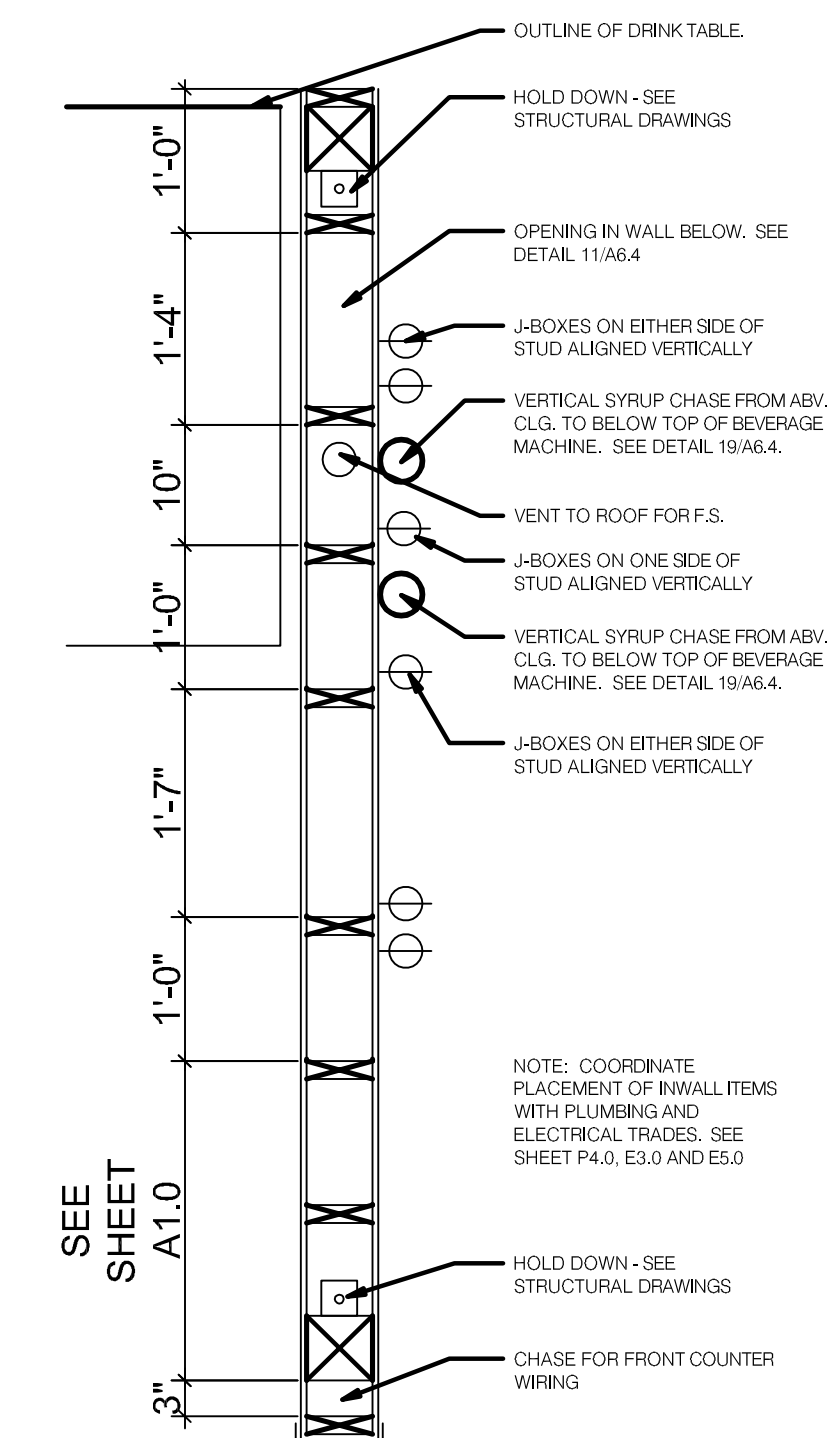
WALL PASS THRU N.T.S. **5**



SYRUP CHASE ON WALL 1/2" = 1'-0" **2**



CO2 FILL / J-BOX 3" = 1'-0" **6**



INTERIOR CHASE WALL **3**

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STATE OF MICHIGAN
 FREDERICK J. GOGULA
 ARCHITECT
 1301043648
 LICENSED ARCHITECT

10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WACHO
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL

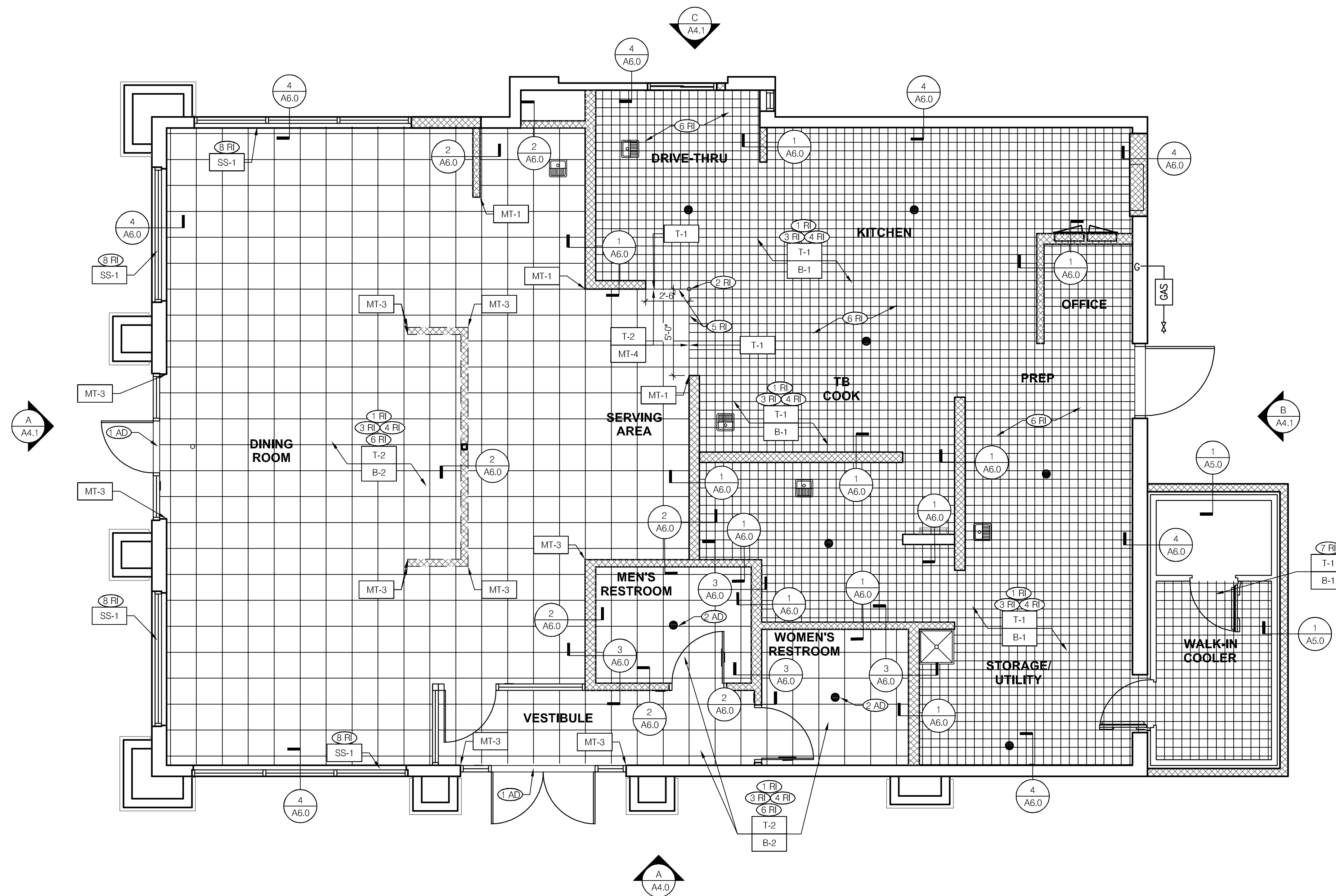
205 ANN ARBOR RD.
 PLYMOUTH, MI 48170



CONSTRUCTION DETAILS

A6.2

RS SET ISSUED: 10.27.22



FLOOR FINISH PLAN 1/4" = 1'-0" **A**

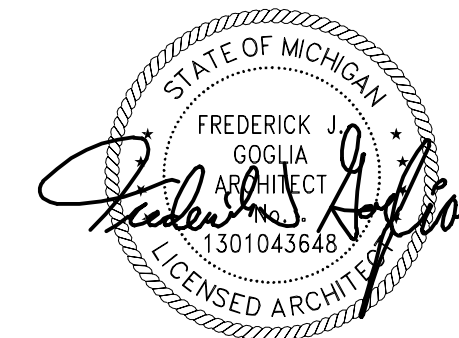
- FINISH NOTES** **C**
- A. SEE INTERIOR ELEVATIONS FOR PAINTING, GYPSUM BOARD AND TILE.
 - B. **X-XX** DENOTES FINISH MATERIAL. REFER TO SHT A7.2 FOR FINISHES.
 - C. **TILE JOINTS (U.O.N.)**
 1. QUARRY FLOOR TILE : 1/4"
 2. CERAMIC FLOOR TILE : 3/16"
 3. GLAZED WALL TILE : 1/8"
 4. BASE, TRIM AND ACCESSORIES : MATCH ADJOINING TILE UNITS
 - D. PROVIDE BREAK IN TILE TO MATCH-UP WITH EXPANSION & CONTROL JOINTS IN SLAB.
 - E. ALL BASE TILE SHALL BE SANITARY COVE STYLE WITH 3/8" MIN RADIUS.
 - F. PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS / EQUIPMENT ABUTS WALL SURFACE.
 - G. SEE SHEET A1.0 FOR REFERENCES OF INTERIOR ELEVATIONS.
 - H. ALL GROUT CAULK TO MATCH SPECIFIED GROUT COLOR.

- REMODEL IMAGE (RI)**
- (1) RI NEW FLOOR TILE AND COVE BASE IN DINING ROOM, SERVICE AREA, VESTIBULE, RESTROOMS, AND THROUGHOUT BOH. REFER TO FINISH SCHEDULE A7.2 AND DETAILS 1-4/A6.0 FOR ADDITIONAL INFORMATION. SEE FINISH NOTE "B" ON THIS SHEET.
 - (2) RI TILE STARTING POINT, CENTER TILE SO THAT NO CUT TILE IS LESS THAN 3".
 - (3) RI INSTALL FLOOR TILE IN A STRAIGHT STACK BOND.
 - (4) RI G.C. SHALL REPAIR ANY DAMAGED SUBSTRATE BEFORE INSTALLATION OF NEW TILE BASE. PROVIDE SILICONE SEAL. FRONT OF HOUSE ONLY, PAINT THE TOP OF THE BASE TILE.
 - (5) RI TRANSITION TO DINING ROOM TILE AT EDGE OF SERVING AREA INTO KITCHEN.
 - (6) RI NEW WALL FINISHES THROUGHOUT ENTIRE BUILDING. REFER TO ALL INTERIOR ELEVATIONS SHEETS FOR ADDITIONAL INFORMATION.
 - (7) RI NEW FLOOR TILE AND COVE BASE INSIDE OF WALK-IN COOLER/FREEZER. REFER TO FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.
 - (8) RI SOLID SURFACE AT WINDOW SILLS. REFER TO FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.

- ADA NOTES (AD)**
- (1) AD INSTALL NEW ADA COMPLIANT THRESHOLD.
 - (2) AD MODIFY EXISTING FLOOR DRAIN AS REQUIRED TO BE LEVEL WITH NEW FLOORING. FINISH FLOOR IN RESTROOM MUST NOT EXCEED 2% SLOPE IN ANY DIRECTION.

KEY NOTES **B**

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 PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com



10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M7QH
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHOR
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

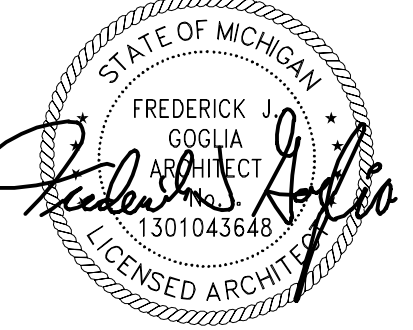
TACO BELL
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 PLYMOUTH, MI 48170



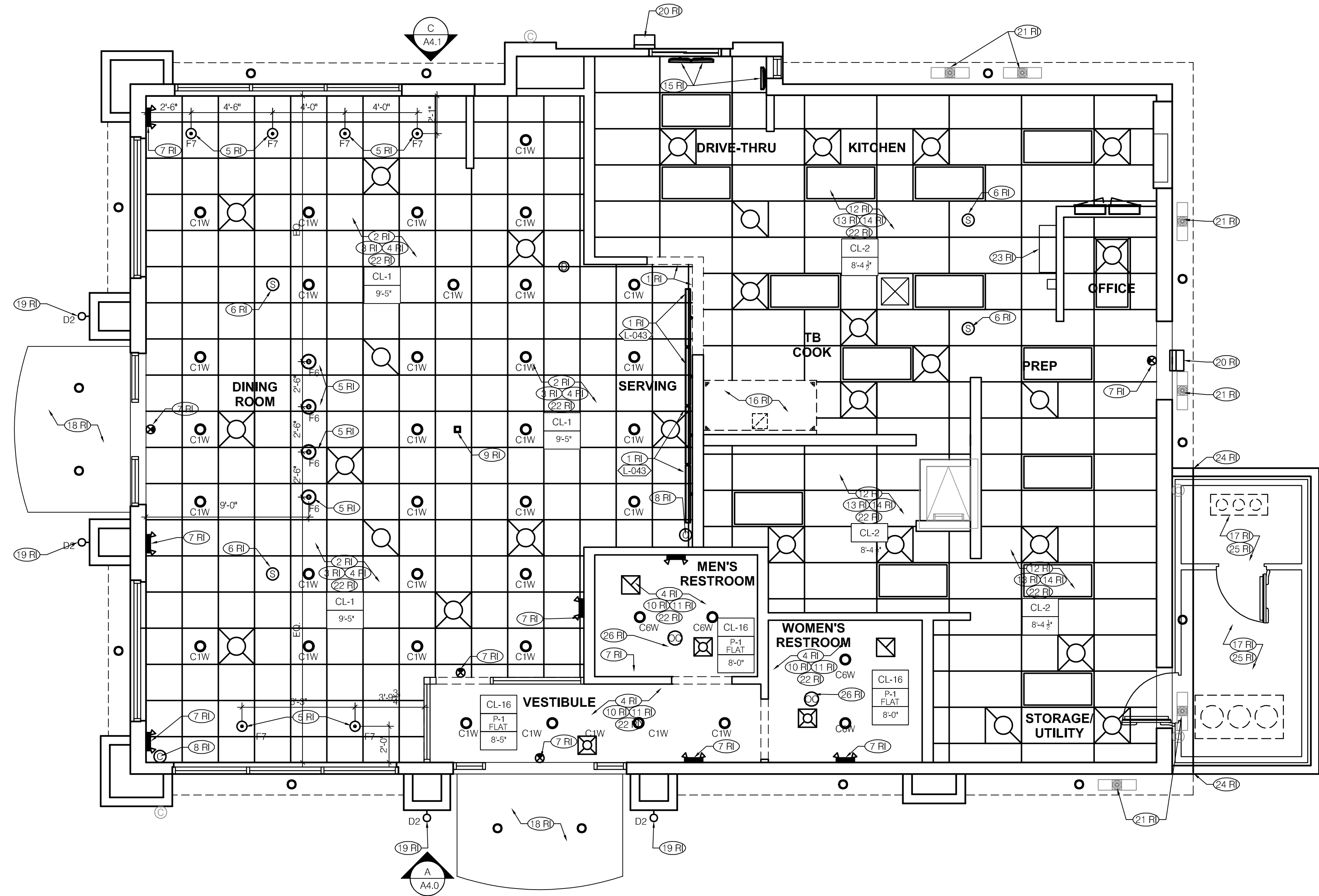
FINISH FLOOR PLAN

A7.0

RO SET ISSUED: 10.27.22



10/28/22



REFLECTED CEILING PLAN 1/4" = 1'-0" **A**

- EMERGENCY LIGHTS
- EXIT LIGHT (CEILING MOUNTED)
- SPEAKER - CENTER ON CEILING TILE
- CAMERA - CENTER ON CEILING TILE
- DATA/WIFI ROUTER
- OCCUPANCY SENSOR
- EXTERIOR WALL SCONCE FIXTURE
- PENDANT FIXTURE (F6)
- PENDANT FIXTURE (F7)
- EXISTING LED DOWNLIGHT TO REMAIN.
- NEW LED DOWNLIGHT (CENTER ON CEILING TILE)
- HVAC RETURN GRILL (NEW) INSULATED
- HVAC SUPPLY DIFFUSER (NEW)
- 2X4 LED FIXTURE (NEW)

	TAG	DESCRIPTION:	MANUFACTURER	NOTES:	RESPONSIBILITY
INTERIOR PENDANTS	F6	CENTER TABLES/ HUB TABLE AVERY COLLECTION 438520Z	KICHLER	9.75" DIAMETER, AVERY MINI GLASS PENDANT IN OLDE BRONZE, MED BASE, RATED 120 V/100W CONTACT: PAULA PROTEAU paula.proteau@capitolight.com	V.F.C.I.
	F7	PERIMETER TABLES OBERON COLLECTION H-24212	HI-LITES	12" GALVANIZED PENDANT, WITH BLACK CORD AND CANOPY MED BASE SOCKET, 20W MAX/120V / CODE: H-24212-96-CB15-91-20-LBL. CONTACT: PAULA PROTEAU paula.proteau@capitolight.com	V.F.C.I.
EXT.	D2	WALL SCONCES - TOWER LEGS	PROGRESS LIGHTING	P5642 BRONZE - 20 6" X 18" X 8 1/2" ALUMINUM UP/DOWN LIGHTING IN BRONZE FINISH	V.F.C.I.
MENU	L-043	DIGITAL MENU BOARDS	STRATACACHE	LG 43" DISPLAY	V.F.C.I.

CEILING SYMBOL LEGEND **D**

INTERIOR LIGHT FIXTURE SCHEDULE **B**

GYPSUM BOARD CEILING:
 A. SUBSTRATE SHALL BE 1/2" THICK GYP BD.
 B. ACOUSTICAL SEALANT: APPLY TO GYP. BD. PANELS AS INDICATED IN SPECS.
 C. GYP. BD. FINISHING AND DECORATING: REFER TO PLANS FOR TEXTURE AND FINISHES.

ELECTRICAL:
 A. SEE ELECT. DWGS. FOR FIXTURE SCHED.
 B. NEW EMERGENCY LIGHTS.
 C. CEILING MOUNTED OUTLETS & PLATES SHALL BE BLACK.
 D. PENDANTS SHALL BE CENTERED OVER TABLES. VERIFY TABLE LOCATIONS WITH SEATING VENDOR SUPPLIED CORE DRILL PLAN PRIOR TO LOCATING PENDANTS.

MECHANICAL:
 A. ALL DINING ROOM SUPPLY AND RETURN GRILLES SHALL BE INSULATED. FAILURE TO COMPLY WILL RESULT IN INSTALLATION BEING REJECTED. CORRECTIONS MADE AND ALL REMEDIAL COSTS CHARGED BACK TO CONTRACTOR.

- REMODEL IMAGE (RI)**
- (1) RI** PREP NEW MENU BOARD SOFFIT AS REQUIRED FOR NEW PAINT. SAND TO LEVEL 4 SMOOTH FINISH. NEW DIGITAL MENU BOARDS TO BE INSTALLED. G.C. TO DETERMINE THE INSTALL DATE IS IN CONJUNCTION WITH OPENING DATE. REFER TO INTERIOR ELEVATIONS A8.0, ELECTRICAL PLANS, AND DETAIL 9/A6.2 FOR ADDITIONAL INFORMATION FOR NEW MENU BOARD INSTALLATION REQUIREMENTS.
 - (2) RI** NEW 2 X 2 CEILING GRID AND TILES. REFER TO FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION AND GRID PAINTING.
 - (3) RI** NEW GRILLES/DIFFUSERS, INSTALL IN GENERAL PROXIMITY TO EXISTING DUCT INSULATE DIFFUSERS, THROAT, AND DUCTWORK. INSTALL DUCT SKIRT ON DINING ROOM DIFFUSERS. PAINT DIFFUSERS/GRILLES. REFER TO FINISH SCHEDULE A7.2 & MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
 - (4) RI** NEW RECESSED DOWN LIGHT FIXTURES IN DINING, SERVICE AREA, AND RESTROOMS. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (5) RI** NEW PENDANT LIGHTING, CENTERED ABOVE TABLES. REFER TO GENERAL NOTE D & ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (6) RI** REINSTALL EXISTING SPEAKERS. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (7) RI** NEW EMERGENCY/EXIT AND EGRESS LIGHT FIXTURES. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (8) RI** REINSTALL SECURITY CAMERA/DATA. VENDOR TO PROVIDE ADDITIONAL SECURITY CAMERAS WHERE NEEDED THROUGHOUT INTERIOR AND EXTERIOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (9) RI** NEW POWER AND DATA FOR KIOSK FROM CEILING AND DOWN THROUGH WIRE CHASE PROVIDED BY FURNITURE VENDOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (10) RI** NEW GYPSUM BOARD CEILING IN VESTIBULE AND RESTROOMS TO BE PRIMED AND PAINTED AS NOTED. REFER TO FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.
 - (11) RI** NEW GRILLES/DIFFUSERS, INSTALL AS SHOWN IN ALCOVE AND RESTROOMS. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
 - (12) RI** NEW 2 X 4 LAY IN CEILING TILES AND NEW GRID THROUGHOUT KITCHEN AND BOH. REFER TO FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.
 - (13) RI** NEW GRILLES/DIFFUSERS IN KITCHEN AND BOH, INSTALL IN GENERAL PROXIMITY TO EXISTING DUCT INSULATE DIFFUSERS, THROAT, AND DUCTWORK. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
 - (14) RI** NEW 2 X 4 LED FIXTURES THROUGHOUT KITCHEN AND BOH. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (15) RI** REINSTALL EXISTING DRIVE-THRU MONITORS. REFER TO DETAIL 17/A6.0 AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (16) RI** NEW HOOD AND EXHAUST. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
 - (17) RI** NEW LED LIGHT FIXTURE IN WALK-IN COOLER/FREEZER. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (18) RI** EXISTING CANOPY TO BE REINSTALLED WITH NEW LED LIGHTING. REFER TO EXTERIOR ELEVATIONS A4.0 & A4.1 FOR ADDITIONAL INFORMATION.
 - (19) RI** NEW EXTERIOR WALL SCONCE LIGHT FIXTURES. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (20) RI** NEW EXTERIOR LIGHT FIXTURE TO REMAIN. RE-LAMP WITH LED.
 - (21) RI** EXISTING EXTERIOR SOFFIT DRAINS. CLEAN AND ENSURE THEY ARE CLEAR.
 - (22) RI** NEW ELECTRICAL WIRING THROUGHOUT ENTIRE BUILDING. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (23) RI** EXISTING WALL MOUNTED AIR HANDLING UNIT TO BE REINSTALLED. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
 - (24) RI** RE-FRAME SOFFIT TO CLEAR NEW WALK-IN COOLER. FINISH TO MATCH ADJACENT.
 - (25) RI** NEW WALK-IN COOLER/ FREEZER LIGHTS TO BE CONNECTED TO CIRCUIT. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - (26) RI** NEW OCCUPANCY SENSOR. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

FINISH NOTES **E**

KEY NOTES **C**

TACO BELL
 205 ANN ARBOR RD.
 PLYMOUTH, MI 48170



REFLECTED CEILING PLAN

A7.1

RO SET ISSUED: 10.27.22

APPLICATION OVER EXISTING MARMOLEUM

- RAMPART WALL COVERING TO BE INSTALLED PER MANUFACTURER.
- ALL SURFACES MUST BE CLEAN, DRY, STRUCTURALLY SOUND, AND FREE OF GREASE. ANY MILDEW MUST BE REMOVED FROM THE WALLS, AND ALL SURFACES MUST BE TREATED TO INHIBIT FURTHER MILDEW GROWTH. LINERS SHOULD NOT BE INSTALLED UNLESS A TEMPERATURE OF AT LEAST 55 DEGREES CAN BE MAINTAINED IN BOTH THE AREAS OF INSTALLATION AND WHERE THE WALL PROTECTION APPLICATION MATERIAL ARE STORED.
- APPLY ROMAN PRO 935 R-35 ADHESION PROMOTING PRIMER (AVAILABLE AT ALL BIG-BOX RETAILERS) WITH A ROLLER OVER THE MARMOLEUM. ALLOW THE SURFACE TO DRY OVERNIGHT.
- RECOMMENDED WALL LINING MATERIAL IS KOROLINER, AVAILABLE THROUGH WOLF-GORDON.
- PASTE ONLY ONE STRIP OF LINER AT A TIME. ACCOMPLISH THIS BY BRUSHING OR ROLLING A QUALITY PRE-MIXED ADHESIVE THOROUGHLY OVER THE BACK OF THE LINER STRIP (ROMAN PRO 555 EXTREME TACK ADHESIVE IS RECOMMENDED). MAKE SURE ALL EDGES ARE COVERED. DO NOT CREASE THE MATERIAL.
- ALIGN THE FIRST STRIP TO A PLUMB LINE. SMOOTH AND OVERLAP FROM THE TOP OF BOTTOM OF THE STRIP. SMOOTH THE STRIP TO THE WALL WITH A SOFT BRUSH, REMOVING ALL AIR POCKETS IN THE PROCESS. BUTT OR DOUBLE CUT ALL SEAM, BUT DO NOT OVERLAP THE LINER MATERIAL - OVERLAPS LEAVE VISIBLE IMPERFECTIONS ON THE OTHERWISE SMOOTH WALL SURFACE.
- SET SEAMS WITH A SEAM ROLLER TO PREVENT THEM FROM OPENING OR CURLING AWAY FROM THE WALL WHILE DRYING. DO NOT USE EXCESSIVE PRESSURE WHEN ROLLING SEAMS, AS IT COULD SQUEEZE OUT TOO MUCH OF THE PASTE WHICH COULD ALSO CAUSE THE SEAM TO OPEN UP WHEN DRY.
- USE SCISSORS OR A SINGLE-EDGE RAZOR BLADE TO TRIM EXCESS MATERIAL AT THE TOP, BASE, AND AROUND WINDOWS AND DOORFRAMES.

APPLICATION OVER EXISTING SUBSTRATE (USE IF MARMOLEUM IS NOT PRESENT)

- RAMPART WALL COVERING TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS.
- GLOSSY SURFACES SHOULD BE SANDED, AND MILDEW SHOULD BE CLEANED FROM THE SURFACE WITH A SOLUTION OF TWO CUPS HOUSEHOLD BLEACH PER GALLON OF WATER. UNLESS FIRMLY BONDED TO THE WALL, OLD WALLCOVERING SHOULD BE SCRAPPED AND REMOVED. NICKS, GOUGES, AND OTHER SURFACE BLEMISHES MUST BE FILLED AND SANDED SMOOTH. FOLLOW WITH A PIGMENTED, ADHESION-PROMOTING PRIMER.
- WITH ALL SURFACES-ONCE PROPERLY PREPARED-APPLY A GOOD QUALITY ACRYLIC OR LATEX WALLCOVERING PRIMER/SEALER. IF AN OIL-BASED PRIMER WAS USED, APPLY AN ACRYLIC OR LATEX PRIMER OVER IT BEFORE HANGING. TO AVOID TRAPPING MOISTURE OR ADHESION PROBLEMS. IF THE SURFACE DOES NOT HAVE A UNIFORM COLOR, USE A PIGMENTED PRIMER.
- RAMPART WALL PROTECTION ROLLS ARE NUMBERED CONSECUTIVELY AND SHOULD BE CUT AND INSTALLED IN REVERSE SEQUENCE, STARTING WITH THE HIGHEST NUMBERED ROLL. CUT THE MATERIAL INTO FULL WIDTH STRIPS AS THEY WILL BE HUNG, AND LAY THEM FLAT ON THE FLOOR IN A HEATED ROOM THE DAY BEFORE INSTALLATION TO REMOVE ANY FLAT SPOTS THAT MAY HAVE OCCURRED WITH STORING. REVERSE HAND ALTERNATE STRIPS OF THE MATERIAL IN SEQUENCE, AS THEY ARE CUT FROM THE ROLL. RAMPART PATTERNS CAN ALSO BE RAILROADED.

NOTE: IF ANY DEFECT, COLOR VARIATION, OR UNACCEPTABLE PATTERN EFFECT IS NOTICEABLE AFTER THREE PANELS ARE CUT AND HUNG, STOP AND CONTACT WOLF-GORDON IMMEDIATELY. WOLF-GORDON CANNOT ACCEPT ANY CLAIMS ON LABOR OR MATERIAL AFTER MORE THAN THREE PANELS ARE INSTALLED.

VINYL WALLCOVERING INSTALLATION INSTRUCTIONS E

1. LAMINATE MAY BE SHIPPED FLAT OR ROLLED IN A BOX. FOR LONG TERM STORAGE, WILSONART RE-COVER LAMINATE SHOULD BE STORED FLAT (HORIZONTALLY) WITH THE ADHESIVE SIDE FACING DOWN (DECORATIVE SIDE UP). CONDITION BOTH THE LAMINATE AND THE SUBSTRATE IN THE SAME ENVIRONMENT FOR 48 HOURS BEFORE FABRICATION. IF ROLLED, UNROLL THE LAMINATE FOR THE 48 HOUR ACCLIMATION PERIOD. RECOMMENDED CONDITIONING AND ACCLIMATION IS 75°F AND 50% RELATIVE HUMIDITY. DO NOT APPLY RE-COVER LAMINATE IF THE SURFACE TEMPERATURE OF THE LAMINATE OR THE SUBSTRATE IS BELOW 50°F.
- IF BONDING OVER AN EXISTING SUBSTRATE THAT IS DAMAGED, REPAIR THE SURFACE TO PREVENT AN UNEVEN APPEARANCE OF THE FINISHED ASSEMBLY. RECOMMENDED PRODUCTS FOR REPAIRING DAMAGED HIGH PRESSURE DECORATIVE LAMINATE OR WOOD SUBSTRATE: J-B WELD @WOODWELD, ELMER'S @CARPENTER'S @WOOD FILLER, AND BONDO @ALL-PURPOSE PUTTY. BE SURE TO READ AND FOLLOW THE MANUFACTURER'S PRECAUTIONS AND DIRECTIONS FOR USE. SAND AND CLEAN ALL REPAIRED AREAS BEFORE APPLYING THE LAMINATE.
- SUBSTRATES SHOULD BE CLEAN AND FREE OF RESIDUE. IF BONDING TO AN EXISTING DECORATIVE SURFACE, MAKE SURE IT IS ADEQUATELY CLEANED AND DRIED BEFORE BONDING. SUITABLE CLEANING PRODUCTS INCLUDE: WILSONART @110, WILSONART @121, WILSONART @130, WILSONART @131, WILSONART @131A, ACETONE, ISOPROPYL ALCOHOL, OR WINDEX @WITH AMMONIA. DO NOT USE A CLEANER THAT WILL LEAVE AN OILY RESIDUE. BE SURE TO READ AND FOLLOW THE MANUFACTURER'S PRECAUTIONS AND DIRECTIONS FOR USE.
- TO PRECUT LAMINATE PRIOR TO BONDING, USE CARBIDE TIPPED SAW BLADES, ROUTER BITS AND LAMINATE SLITTERS. CUTTING BLADES AND ROUTER BITS SHOULD BE KEPT SHARP AND CLEAN.
- WHEN USING MULTIPLE SHEETS OF LAMINATE TO COVER AN AREA, LEAVE A GAP BETWEEN SHEETS TO ALLOW " IS REQUIRED BETWEEN SHEETS OF FOR PROPER LAMINATE MOVEMENT. A MINIMUM GAP OF 1/16 " IS RE-COVER LAMINATE USED IN NON-ENVIRONMENTALLY CONTROLLED AREAS. A MINIMUM GAP OF 1/32 REQUIRED BETWEEN SHEETS OF RE-COVER LAMINATE IN ENVIRONMENTALLY CONTROLLED AREAS.
- PRIOR TO INSTALLATION, AND BEFORE REMOVING THE PEEL SHEET THAT COVERS THE ADHESIVE, DRY FIT THE RE-COVER LAMINATE TO THE SUBSTRATE. ONCE YOU HAVE INDEXED THE LAMINATE, REMOVE 1 "-2 " OF THE PEEL SHEET ON ONE END AND LIGHTLY TACK IT IN PLACE. BEGIN REMOVING THE PEEL SHEET, MAKING SURE THE OPPOSITE END IS STILL PROPERLY ALIGNED. WORK YOUR WAY DOWN THE ENTIRE LENGTH OF THE LAMINATE SHEET UNTIL THE PEEL SHEET IS COMPLETELY REMOVED AND THE RE-COVER LAMINATE IS FLAT ON THE SURFACE. APPLY UNIFORM BONDING PRESSURE (30-40 PSI MINIMUM) OVER THE ENTIRE BONDED SURFACE * WIDE J-ROLLER. DO NOT USE A WOODEN BLOCK USING A MECHANICAL PINCH ROLLER (RECOMMENDED) OR A 3 OR OTHER HAND ROLLER.
- RE-COVER LAMINATE IS NOT REPOSITIONABLE. ANY ATTEMPTS TO REPOSITION THE LAMINATE WILL RESULT IN INADEQUATE BONDING. IF THE RE-COVER LAMINATE HAS BEEN POSITIONED INCORRECTLY, REMOVE USING A HEAT GUN TO SOFTEN THE ADHESIVE, AND THEN PULL THE LAMINATE AWAY FROM THE SUBSTRATE. ONCE A SHEET IS REMOVED, IT CANNOT BE REAPPLIED. REPLACE IT WITH A NEW SHEET OF RE-COVER LAMINATE.
- ONCE BONDED, YOU CAN BEGIN MACHINING THE RE-COVER ASSEMBLY IMMEDIATELY. HIGH TOOL SPEED AND LOW FEED SPEED ARE RECOMMENDED FOR BEST RESULTS. PRIOR TO ROUTING EDGES, A RAZOR MAY BE USED TO SCORE THE ADHESIVE SIDE OF THE LAMINATE TO PREVENT THE ADHESIVE LAYER FROM ROLLING UP DURING THE PROCESS.
- TO AVOID STRESS CRACKING, DO NOT USE SQUARE-CUT INSIDE CORNERS. ALL INSIDE CORNERS SHOULD HAVE " RADIUS. DRILL OVERSIZED HOLES FOR SCREWS OR BOLTS. SCREWS OR BOLTS SHOULD BE A MINIMUM OF 1/8 SLIGHTLY COUNTERSUNK INTO THE FACE SIDE OF A LAMINATE CLAD SUBSTRATE.

WILSONART RE-COVER LAMINATE INSTALL. INSTR. F

MARLITE
 JOHN DEMATOS
 WESTERN REGION SALES
 MANAGER-SPECIFICATIONS
 MARLITE, INC.
 P: (800) 877-1221
 M: (217) 361-5453
 A: 15120 MARQUARDT AVE.
 E: SAINTA FE SPRINGS, CA 90670
 E: JDEMATOS@MARLITE.COM
 W: WWW.MARLITE.COM

DAVID GREENING
 NA COMMERCIAL SALES FOODSERVICE/
 RETAIL SEGMENT SALES LEADER
 CORIAN DESIGN
 C: (614) 975-6700
 E: DAVID.P.GREENING@DUPONT.COM

MAPEI
 LISA FYKE
 ARCHITECTURAL REPRESENTATIVE
 MAPEI CORP
 P: (909) 247-5324
 E: LFYKE@MAPEI.COM

CREATIVE MATERIALS CORPORATION
 ALLISON PICHÉ
 CLIENT SERVICES SUPERVISOR
 O: (518) 452-9694
 D: (518) 713-5395
 A: ONE WASHINGTON SQUARE
 ALBANY, NY 12205
 E: APICHE@CREATIVEMATERIALSCORP.COM

USG CORPORATION
 TRAVIS TOMANEK
 CORPORATE ACCOUNT MANAGER
 P: (440)-541-3972
 E: TTOMANEK@USG.COM

SHERWIN WILLIAMS
 ART CHAPARRO
 NATIONAL ACCOUNT EXECUTIVE
 M: (310) 403-8221
 A: 2100 W. ORANGEWOOD AVE. SUITE 100
 ORANGE, CA 92868
 E: ARTHUR.J.CHAPARRO@SHERWIN.COM

CONTACT INFORMATION G

FINISH LEGEND						
SYMBOL	MANUFACTURER	STYLE	COLOR	SIZE	GROUT	COMMENTS
CEILING						
CL-1	USG	ACT SYSTEM, USG RADAR, CLIMAPLUS PERFORMANCE, SQ EDGE	#107 TAUPE	2 X 2	N/A	USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #107 TAUPE FOH CEILING TILES: DINING ROOM, ALCOVE, VESTIBULE.
CL-2	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE, SQ EDGE	#050 WHITE	2 x 4 PROFILE	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE. BOH AREAS.
CL-16	N/A	GYPSUM BOARD	PAINTED PER RCP			SELF-SERVE DRINK TABLE AND RESTROOMS.
CHAIR RAIL						
CR-1	SW	SW7043	WORLDLY GRAY	3/4" X 1 1/2"		SEMI-GLOSS
FLOOR BASE						
B-1	CMC	QUARRY	PURITAN GREY #507	6 X 6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CO KITCHEN AND BOH AREAS
B-2	CMC	MOTIF GREY	GREY	6 X 12	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH	FOH: DINING ROOM AND RESTROOMS
FLOORING						
T-1	CMC	QUARRY	PURITAN GREY #507	6 X 6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CO KITCHEN AND BOH AREAS
T-2	CMC	MOTIF GREY	GREY	18 X 18	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH	FOH: DINING ROOM AND RESTROOMS
FRP/LAMINATE						
FRP-1	MARLITE	SMOOTH SURFACE	S100 S2/S5 WHITE	4' X 9' X .90		COORDINATE ALL TRIM PIECES WITH FRP MFG
L-1	WILSONART	4783K FINISH 7	WHITE TIGRIS			OFFICE SHELVING LAMINATE
L-2	WILSONART	Y0664K-12	MOCHA ASH			SOFTGRAIN FINISH, PRODUCT CODE #372 IS .039" VERTICAL GRADE PRODUCT CODE #362 IS .028" AND HORIZONTAL GRADE RESTROOM AND UTILITY DOORS
CORNER GUARDS						
CG-1	C.S GROUP	ACROVYN VA SERIES	VA-034N #934 PEARL	3/4" X 3/4"		FOR PAINT MATCH P-1 FOH: GYP WALL DECOR CORNER GUARD, REFER TO DETAIL 7/A6.0.
CG-2	C.S GROUP	ACROVYN VA SERIES	VA-034N #262 DRIFTWOOD	3/4" X 3/4"		FOR PAINT MATCH CR-1 & WC-1 FOH: GYP WALL DECOR CORNER GUARD, REFER TO DETAIL 7/A6.0.
METAL TRANSITION						
MT-1	SCHLUTER	JOLLY	A 100 AT - SATIN NICKEL ANODIZED ALUMINUM	3/8"	N/A	TILE EDGE TRIM REFER TO DETAIL 14/A6.0 AND 15/A6.0
MT-2	SCHLUTER	RONDEC - ALUMINUM		3/8"	N/A	USE AT TILED OUTSIDE CORNERS (ROUNDED) REFER TO DETAIL 16/A6.0
MT-3	SCHLUTER	SATIN ANODIZED ALUMINUM		3/8" X 3/8"	N/A	FOH: WAINSCOT WALL DECOR CORNER GUARD, REFER TO DETAIL 8/A6.0
MT-4	SCHLUTER	RENO-UJ		3/8"	N/A	TILE FLOOR TRANSITION
SOLID SURFACE						
SS-1	CORIAN	LAVA ROCK	LAVA ROCK			COUNTERTOPS/24" DIAMETER TABLE TOP
WALL COVERING						
WC-1	WOLF GORDON	RAMPART HIGH IMPACT WALL COVERING	FOUNDATION PIGMENT (GOH 12172606)		RAILROAD INSTALLATION: THERE SHOULD BE NO SEAMS ALONG WALLS	1 ROLL: 80 LF.
WALL PAINT						
P-1	SHERWIN WILLIAMS	SW7021	SIMPLE WHITE	N/A	N/A	PAINT FINISH: WALLS: EGGSHELL TRIM/BOH: SEMI-GLOSS (CHAIR RAIL) CEILING: FLAT
P-2		TB2603C	PURPLE	N/A	N/A	
P-3		SW7076	CYBER SPACE	N/A	N/A	
P-4		SW7005	PURE WHITE	N/A	N/A	
WALL TILE						
W-1	CMC	FORM	ICE DECO MIX	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM ACCENT WALL TILE
W-2	CMC	FORM	ICE	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM WALL TILE
W-3	CMC	SALVAGEWOOD	WHITEWASH	3X36	MAPEI #01 ALABASTER, 1/8" JOINT WIDTH	RUNNING BOND INSTALLATION OFFSET 25% DINING ROOM ACCENT TILE

FINISH LEGEND A

- WHERE NOTED INSTALL FRP PANELS ON WALLS FROM TOP OF TILE BASE TO BOTTOM OF CEILING GRID EXCEPT WHERE CERAMIC TILE IS INDICATED. INSTALL FRP ON KITCHEN SIDE OF SERVING COUNTER WALL.
- REFER TO INTERIOR ELEVATIONS FOR LOCATIONS OF TILE AND FRP.
- FOR FINISH LOCATIONS REFER TO: SHEETS A4.0 & A4.1 - EXTERIOR ELEVATIONS SHEET A7.0 - FLOOR FINISH PLAN SHEET A7.1 - REFLECTED CEILING PLAN SHEETS A8.0 TO A8.1 - INTERIOR ELEVATIONS
- ALL INTERIOR WALL & CEILING FINISHES TO BE CLASS A & B TO MEET ASTM E 84 MATERIAL TESTS. ALL FLOOR FINISHES MUST COMPLY W/ DOC FF-1 "PILL TEST." SANITARY COVE BASE SHALL BE OF SAME CLASS AS FLOOR FINISH AS DEFINED BY NFPA 253.
- APPROVED PAINT MANUFACTURES: PORTER, BENJAMIN MOORE, SHERWIN WILLIAMS, ICI, & PITTSBURGH PAINTS. MATCH SPECIFIED SCHEDULE COLORS EXACTLY.
- ALL MORTARS SHALL BE MIXED WITH WHITE SAND TO INSURE A COLOR CONSISTENT TO THE ORIGINAL DESIGN INTENT.

ROOM FINISH NOTES C

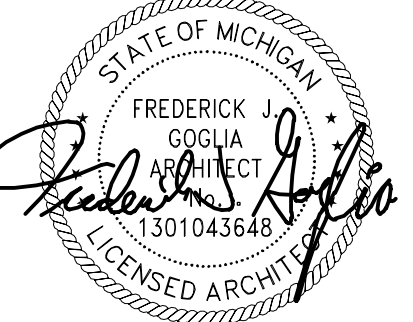
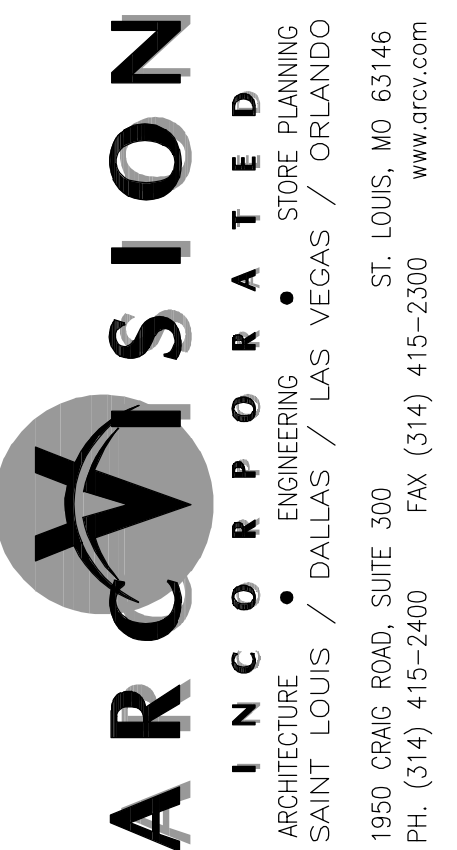
PAINTING METAL CEILING GRIDS AND HVAC GRILLS/DIFFUSERS

APPLICATOR MUST DO THEIR DUE DILIGENCE WITH PREPARATION PRIMER: 1 COAT OR SPOT PRIME OF B66W310, PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER.

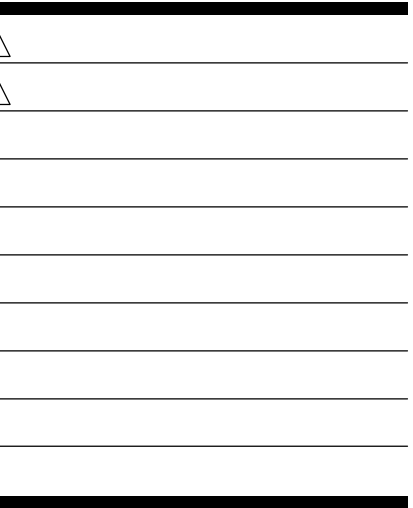
FINISH: 2 COATS SW A82-100 SERIES, A-100 EXTERIOR LATEX SATIN

Name	Floor Finish	Base Finish	Wall Finish	Accent Wall	CEILING			LAMINATES		
					FOH - CENTRAL	FOH - SIDES	SOFFIT	DOOR LAMINATE	POS COUNTERTOP	POS COUNTER FACE
DINING	T-2, MT-4	B-2	P-1, CR-1, WC-1, MT-1, CG-1, MT-3	W-3	CL-1, P-1	CL-1, P-1	P-1	L-2	SS-1	WC-1
KITCHEN	T-1, MT-4	B-1	FRP-1	N/A	CL-2	N/A	N/A	N/A	N/A	N/A
MEN'S RESTROOM	T-2	B-2	W-2	W-1	P-1 FLAT	N/A	N/A	L-2	N/A	N/A
WOMEN'S RESTROOM	T-2	B-2	W-2	W-1	P-1 FLAT	N/A	N/A	L-2	N/A	N/A

FINISH SCHEDULE B



10/28/22



CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHO
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL

205 ANN ARBOR RD.
 PLYMOUTH, MI 48170

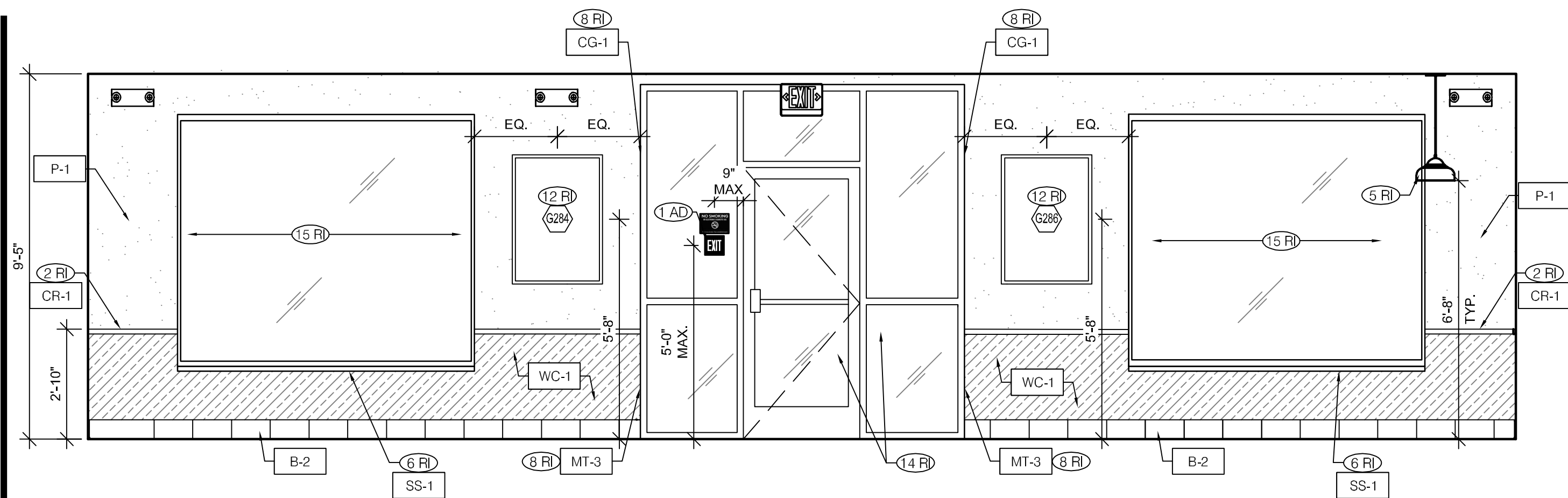


MAJOR

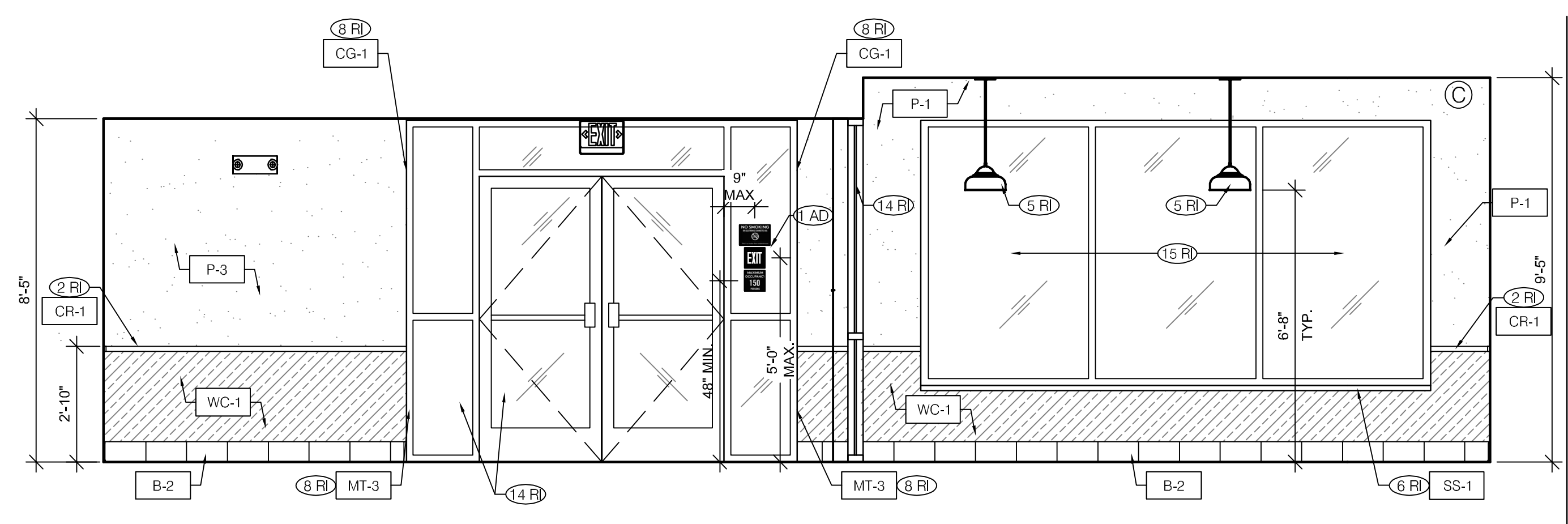
FINISH SCHEDULES AND FINISH NOTES

A7.2

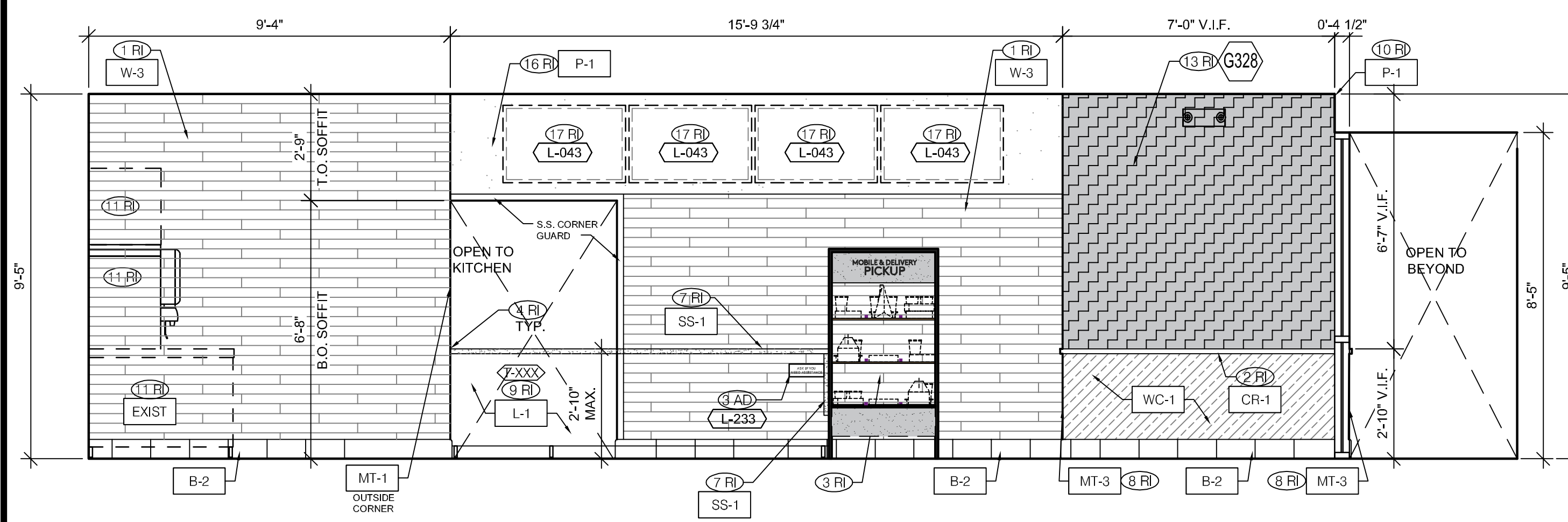
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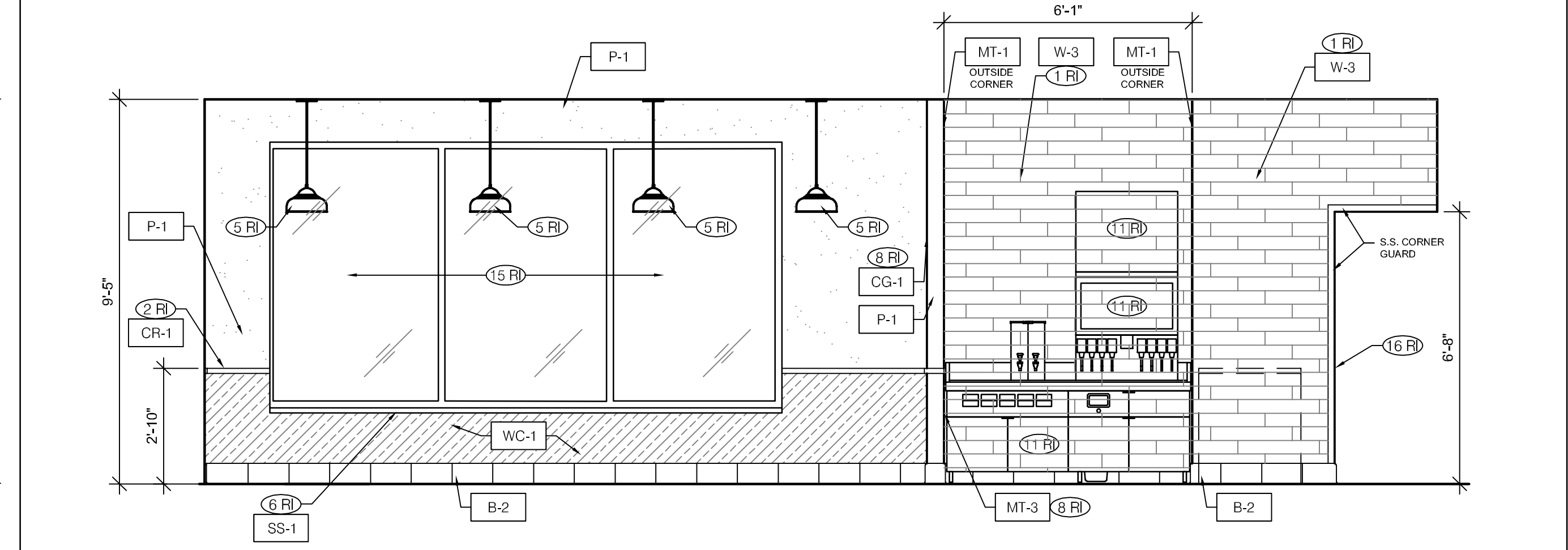
DINING ELEVATION 3/8" = 1'-0" **2**



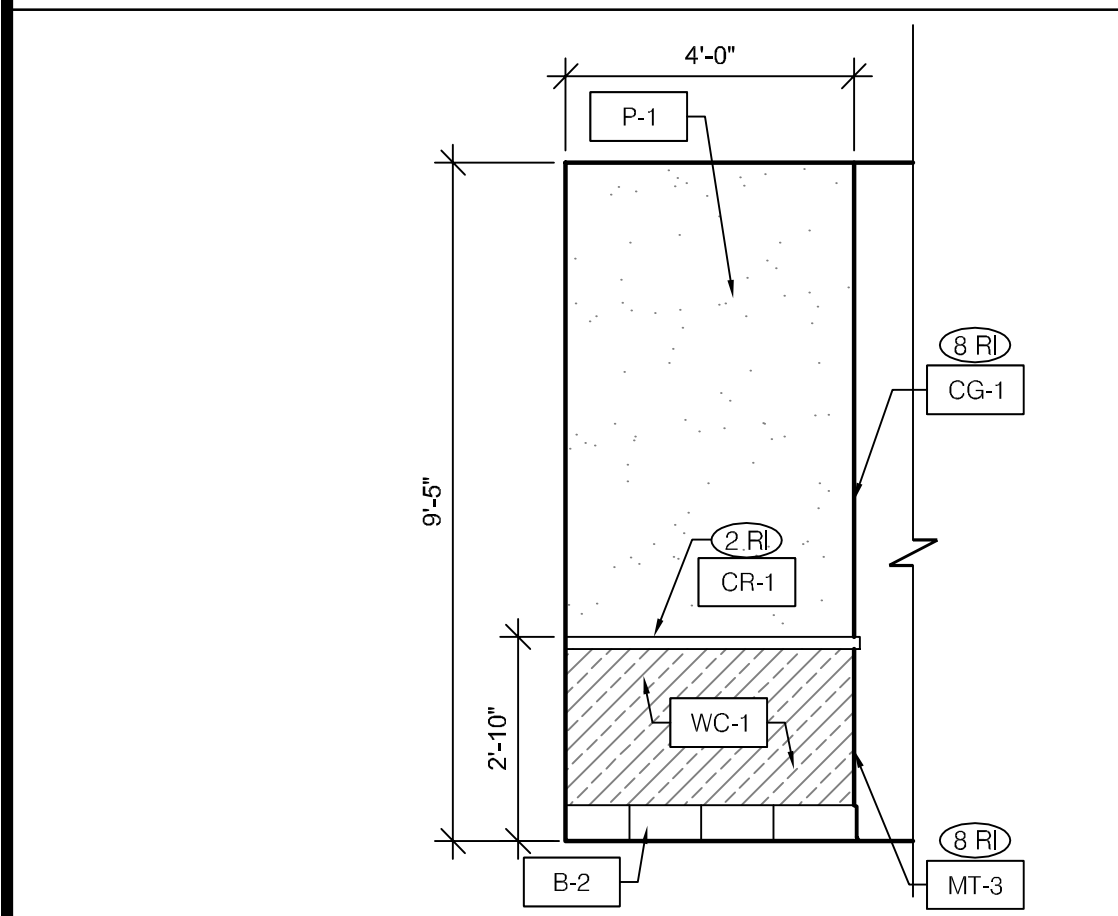
DINING ELEVATION 3/8" = 1'-0" **1**



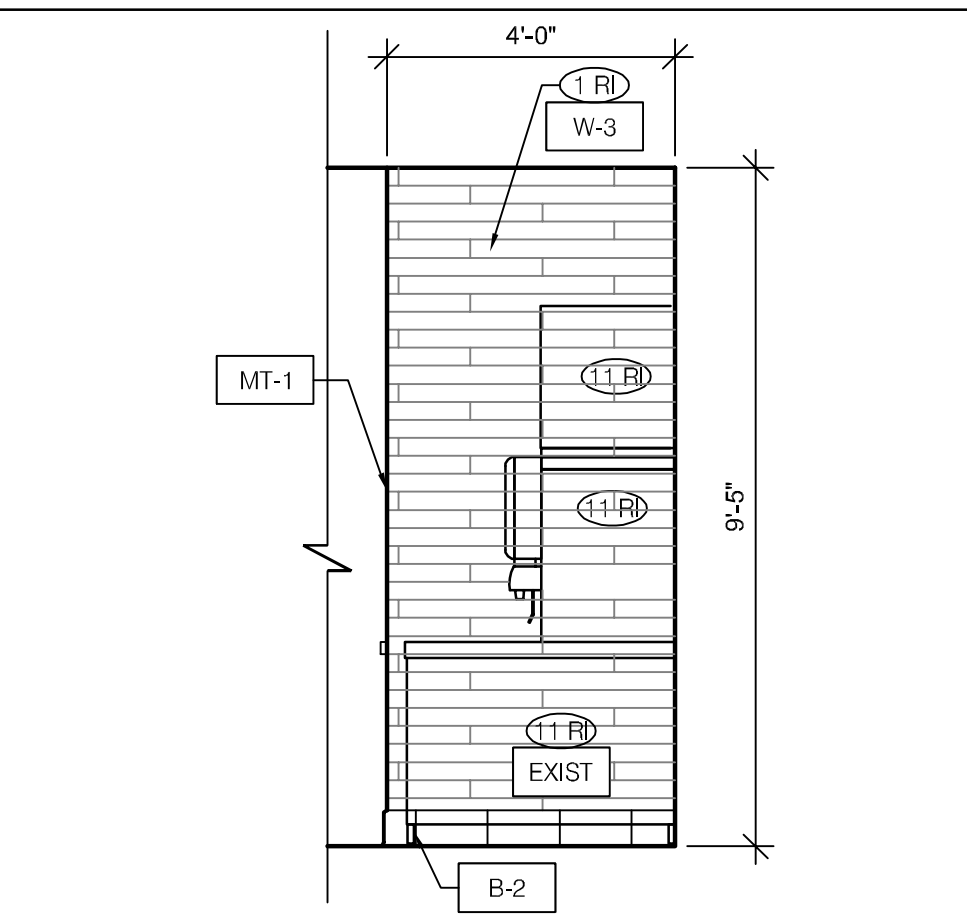
SERVICE COUNTER 3/8" = 1'-0" **4**



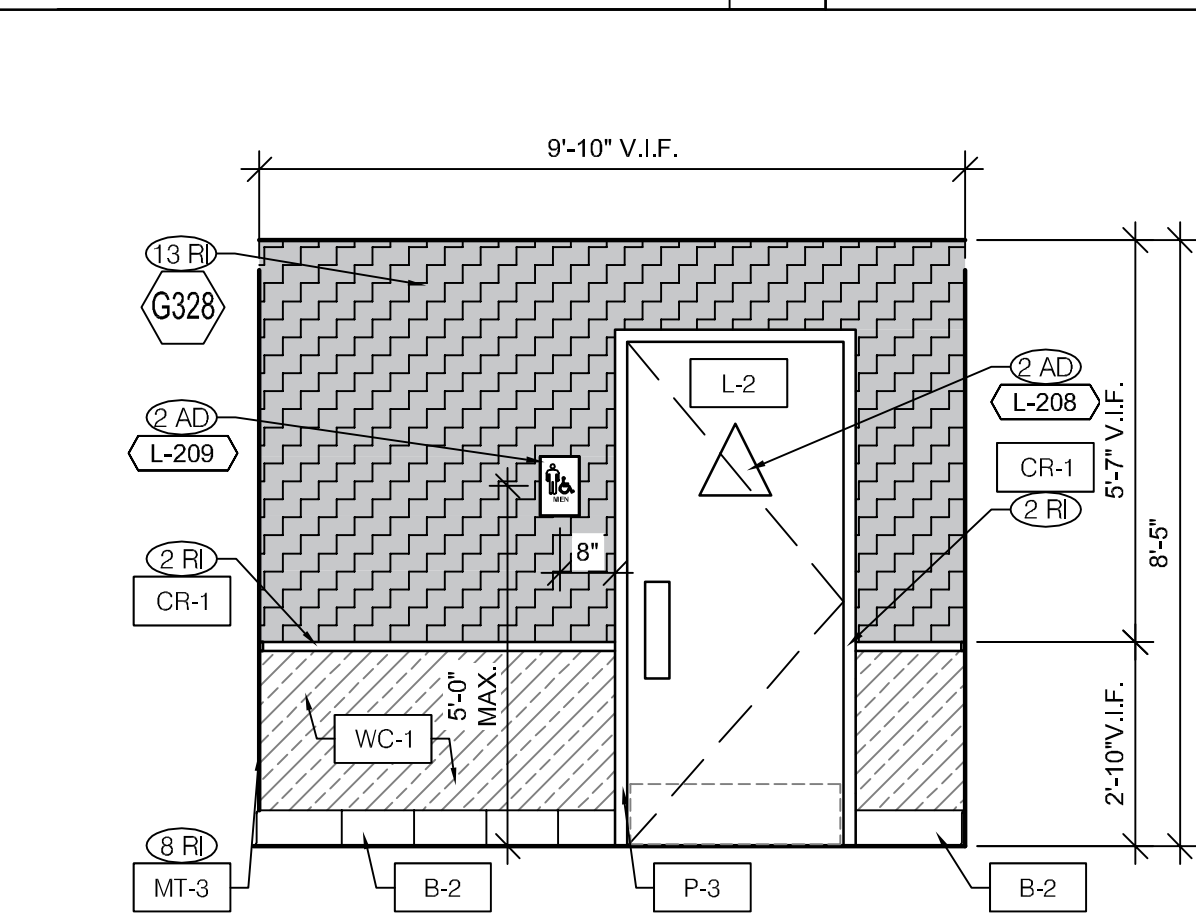
DINING ELEVATION 3/8" = 1'-0" **3**



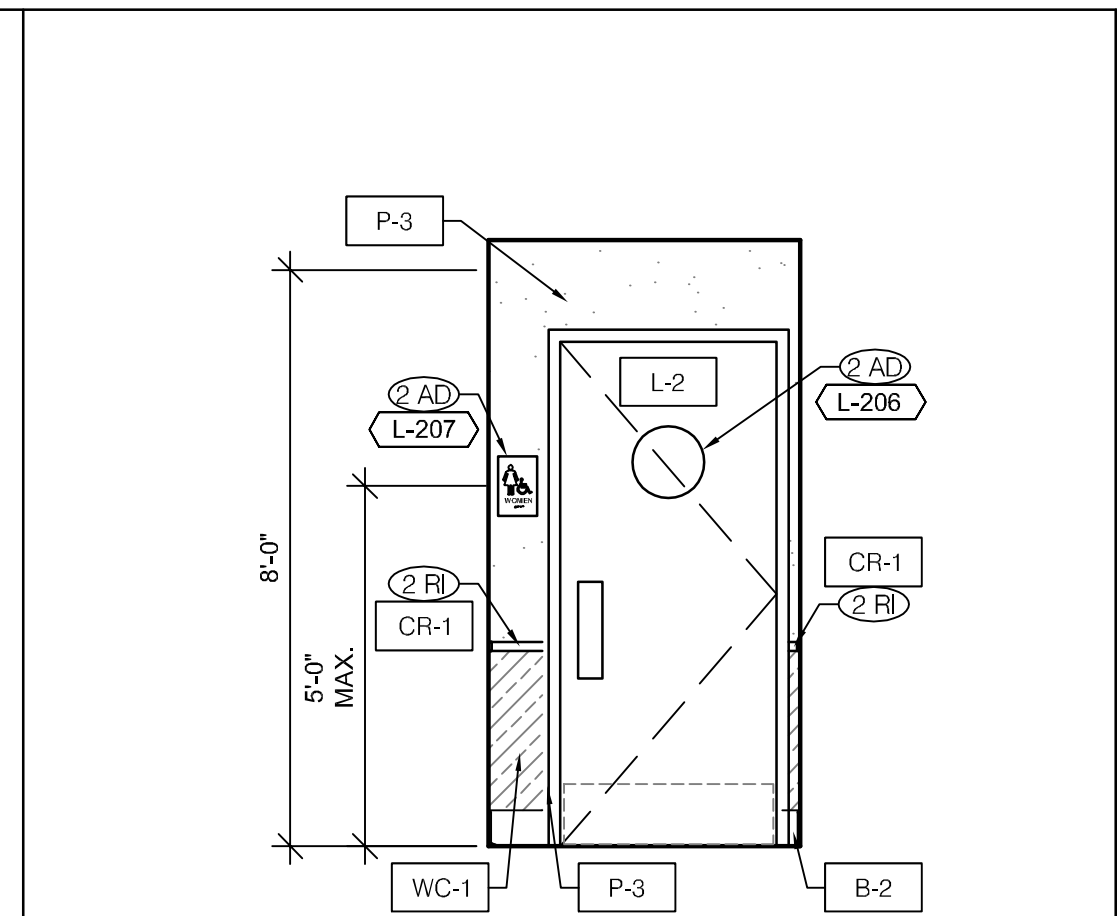
DRINK STATION PARTITION 3/8" = 1'-0" **9**



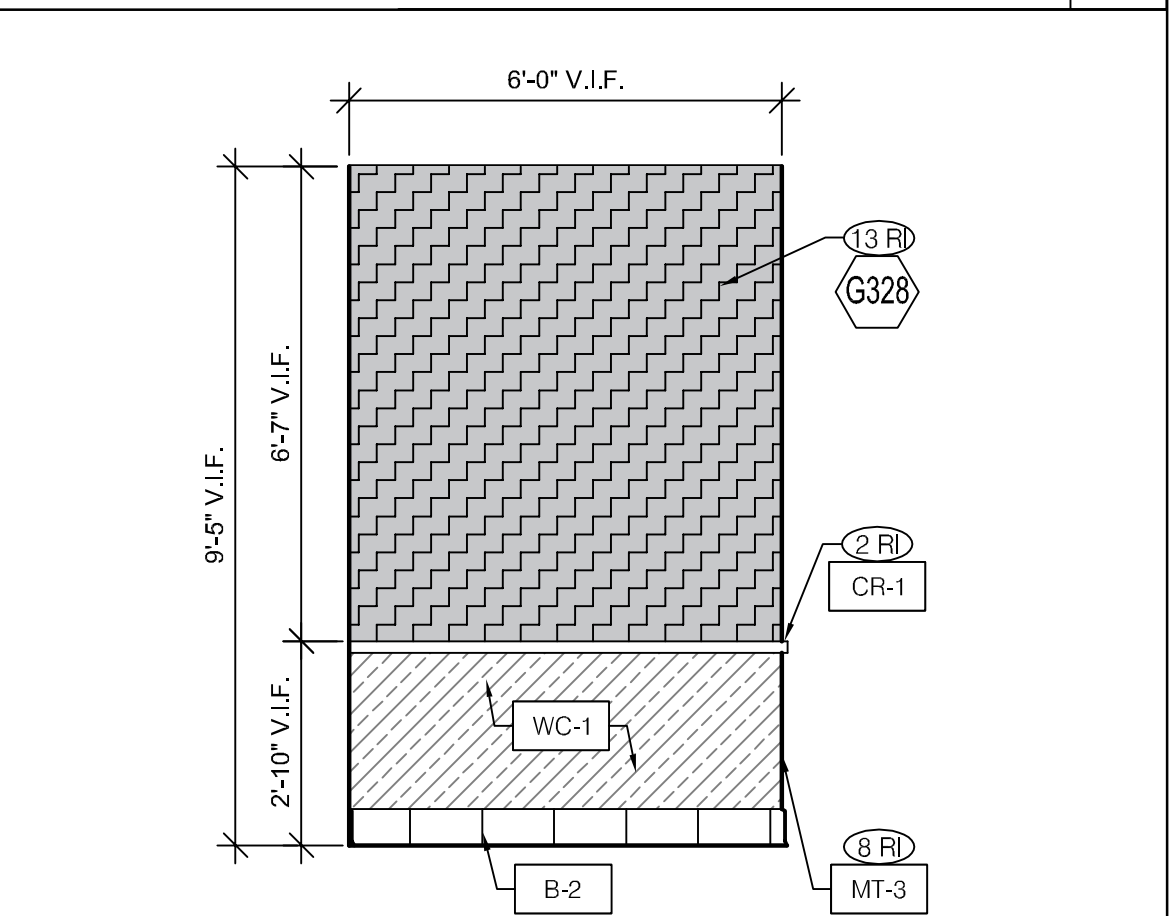
DRINK STATION PARTITION 3/8" = 1'-0" **8**



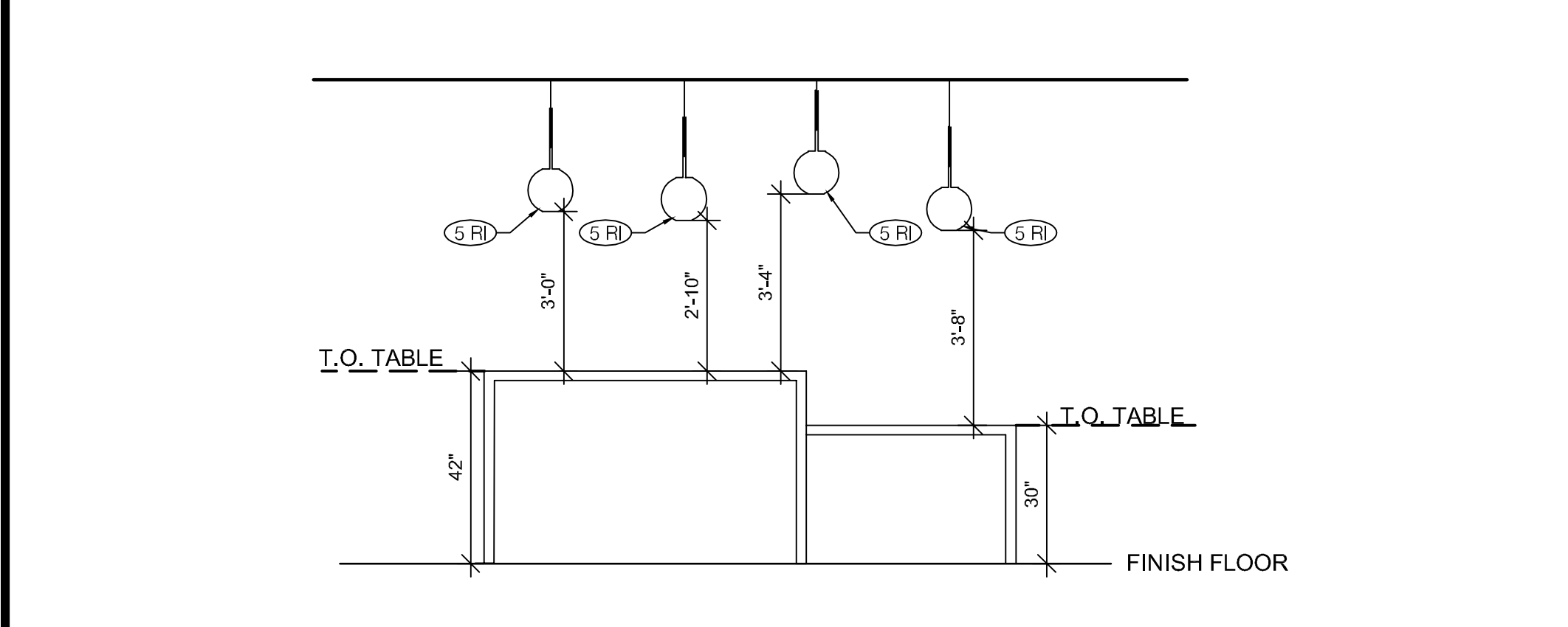
VESTIBULE 3/8" = 1'-0" **7**



VESTIBULE 3/8" = 1'-0" **6**



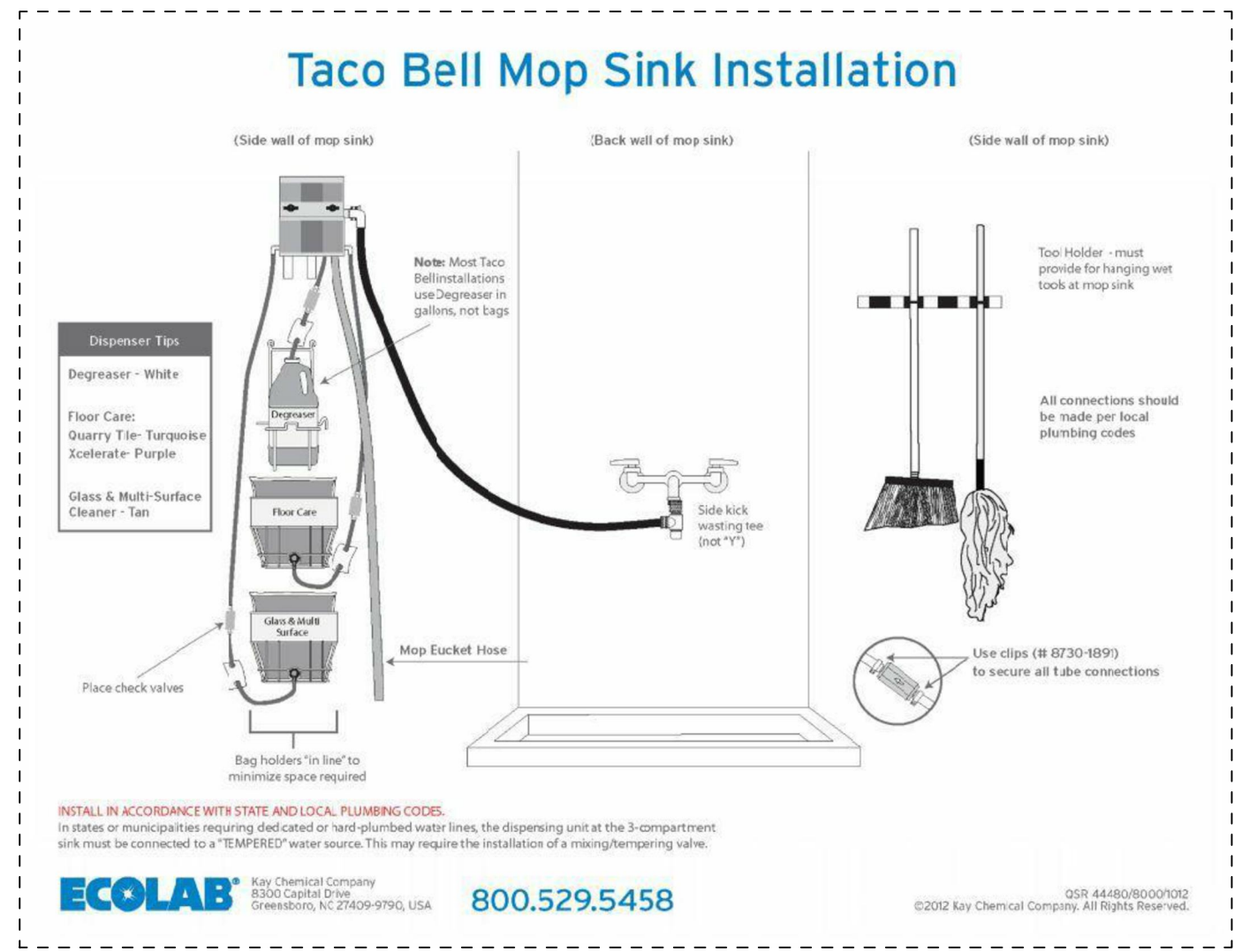
SIDE WALL AT SERVICE COUNTER 3/8" = 1'-0" **5**



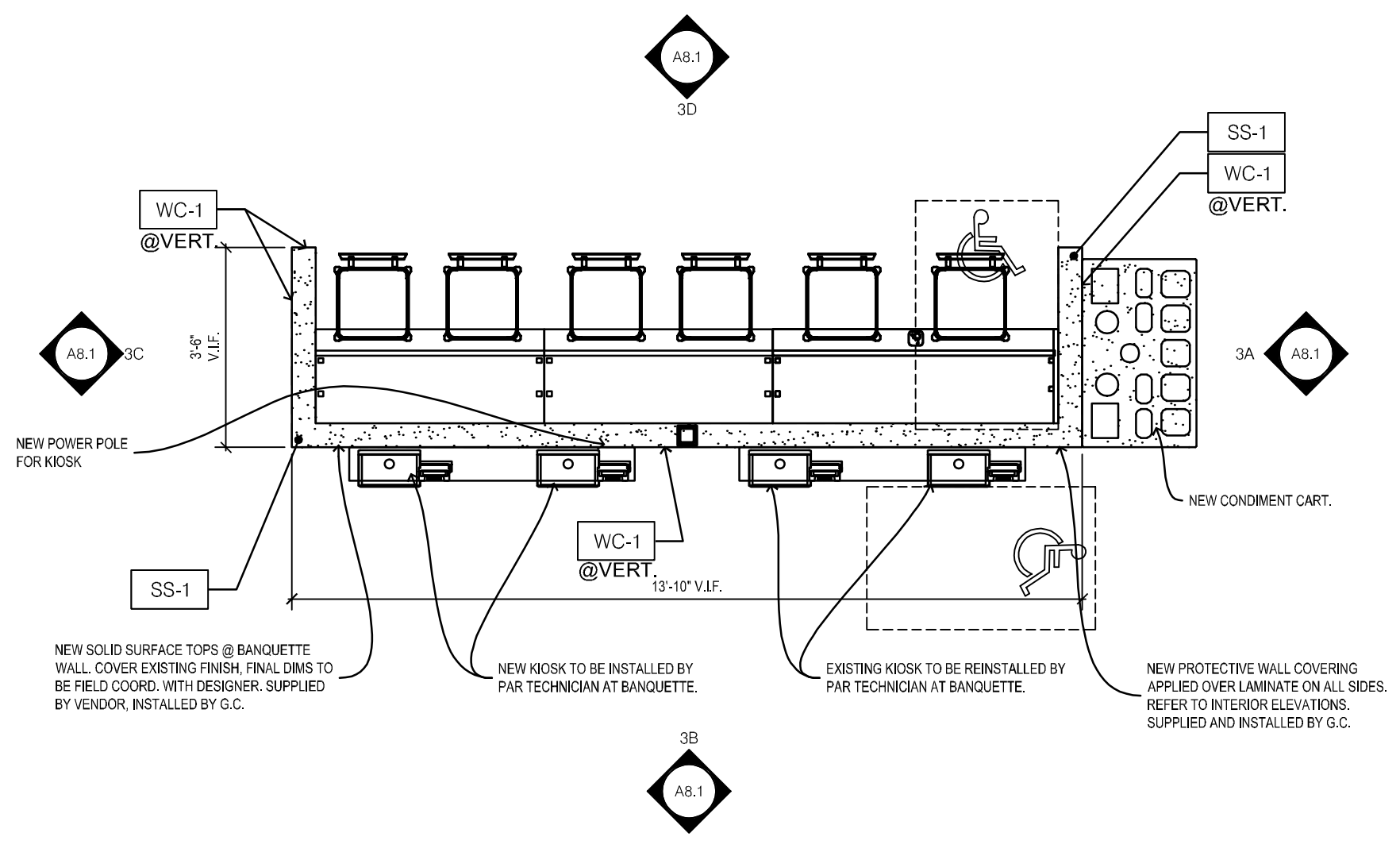
HUB TABLE N.T.S. **10**

- REMODEL IMAGE (RI)**
- 1 RI INSTALL WALL TILE. REFER FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.
 - 2 RI NEW CHAIR RAIL. REFER TO DETAIL 13/A6.0 FOR ADDITIONAL INFORMATION.
 - 3 RI NEW GO MOBILE DELIVERY & PICKUP SHELF TO BE INSTALLED.
 - 4 RI PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS/EQUIPMENT ABUT WALL SURFACES. WHERE GAP BETWEEN WALL AND COUNTER SPLASH/EQUIPMENT EXCEEDS 1/4", PROVIDE S.S. CLOSURE ANGLE.
 - 5 RI NEW PENDANT LIGHT FIXTURE. REFER TO REFLECTED CEILING PLAN A7.1 AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - 6 RI NEW SOLID SURFACE WINDOW SILL. REFER TO FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.
 - 7 RI NEW SOLID SURFACE COUNTERTOP & SHROUD AT POS. REFER TO FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.
 - 8 RI WALL CORNER GUARDS CG-1 AT GYP. & MT-3 AT WAINSCOT OUTSIDE CORNERS. REFER TO FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.
- ADA NOTES (AD)**
- 9 RI NEW CUSTOM SERVICE COUNTER. REFER TO A8.1 FOR ADDITIONAL INFORMATION.
 - 10 RI NEW SOFFIT, PAINT AS NOTED.
 - 11 RI G.C. TO INSTALL NEW DRINK TABLE & ICE MACHINE. PEPSI TECHNICIAN TO REINSTALL BEVERAGE MACHINE WITH PROPER WORKING ADA CONTROLS.
 - 12 RI NEW FRAMED ARTWORK.
 - 13 RI NEW GRAPHIC WALL MURAL. SAND WALL TO A LEVEL 4 FINISH PRIOR TO INSTALL. VENDOR TO VERIFY EXACT DIMENSIONS.
 - 14 RI NEW STOREFRONT SYSTEM.
 - 15 RI NEW WINDOW AND FRAME.
 - 16 RI PREP AND PAINT BULKHEAD SOFFIT, P-1. SAND WAL TO LEVEL 4 FINISH PRIOR TO PAINT, TYP.
 - 17 RI G.C. TO INSTALL NEW DIGITAL NEMU BOARD. REFER TO DETAIL 18/A6.0 FOR ADDITIONAL INFORMATION.
- KEY NOTES**
- 1 AD ACCESSIBLE SIGNAGE. VERIFY LOCAL REQUIREMENTS. PROVIDE TACTILE EXIT SIGN AT EGRESS DOOR PER "TACTILE SIGN". REFER TO DETAIL ON ADA1.1 WHEN EXISTING IS NOT PROVIDED.
 - 2 AD ACCESSIBLE SIGNAGE. VERIFY LOCAL REQUIREMENTS. PROVIDE TACTILE SIGNAGE AT RESTROOM DOOR PER "TACTILE SIGN". REFER TO DETAIL ON ADA1.1 WHEN EXISTING IS NOT PROVIDED.
 - 3 AD INSTALL "ASK IF YOU NEED ASSISTANCE SIGN" CENTERED BETWEEN POS TERMINALS.

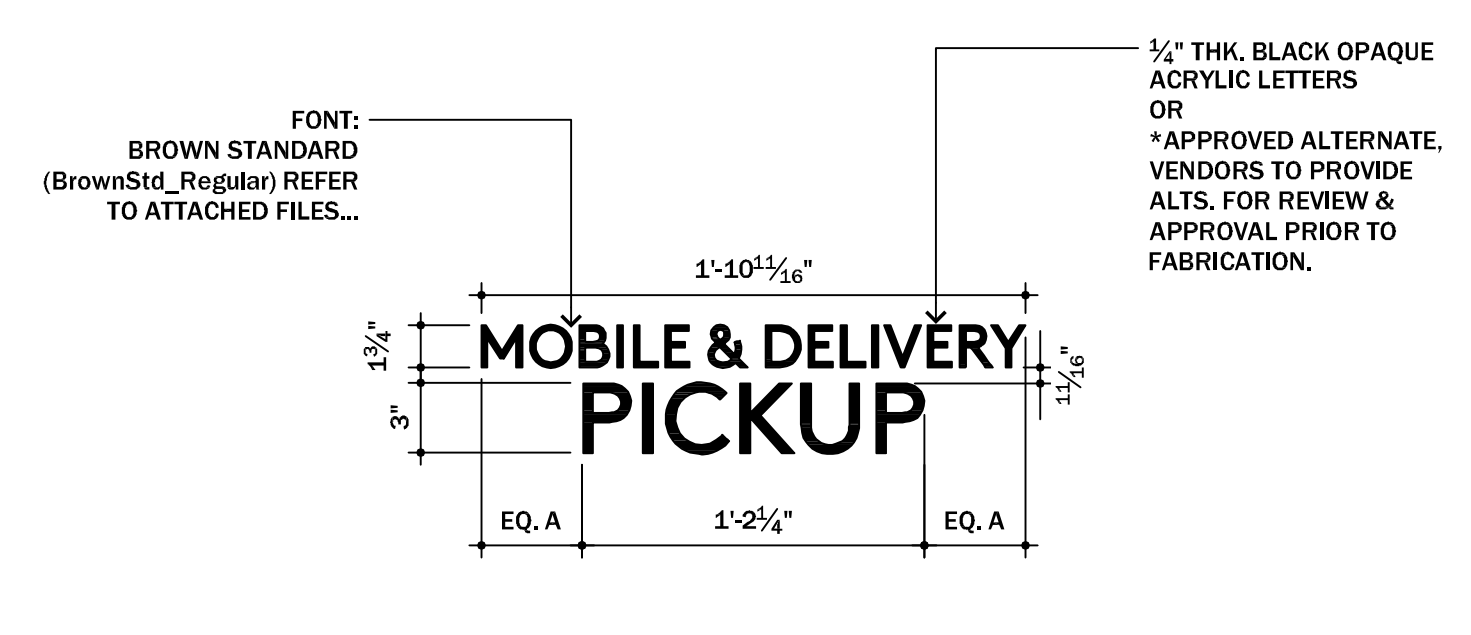
KEY NOTES **9**



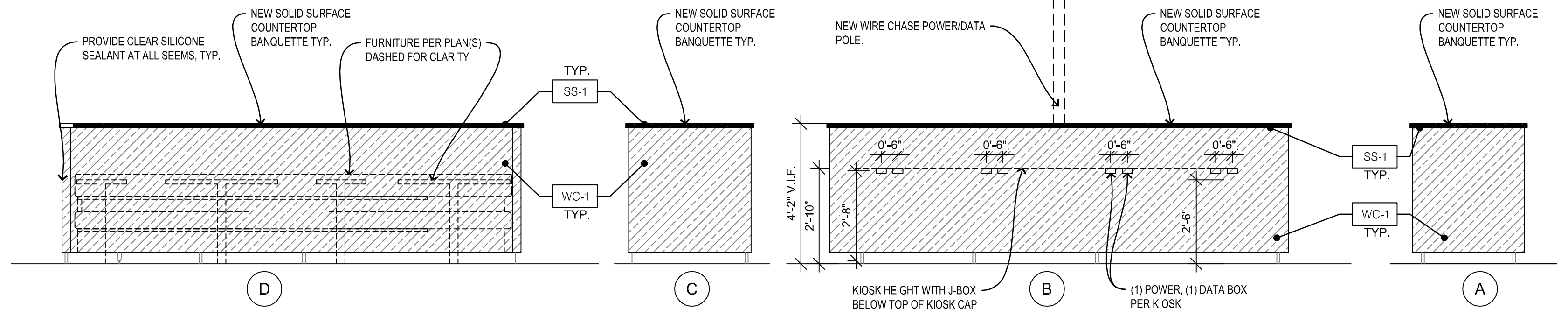
MOP INSTALLATION N.T.S. **2**



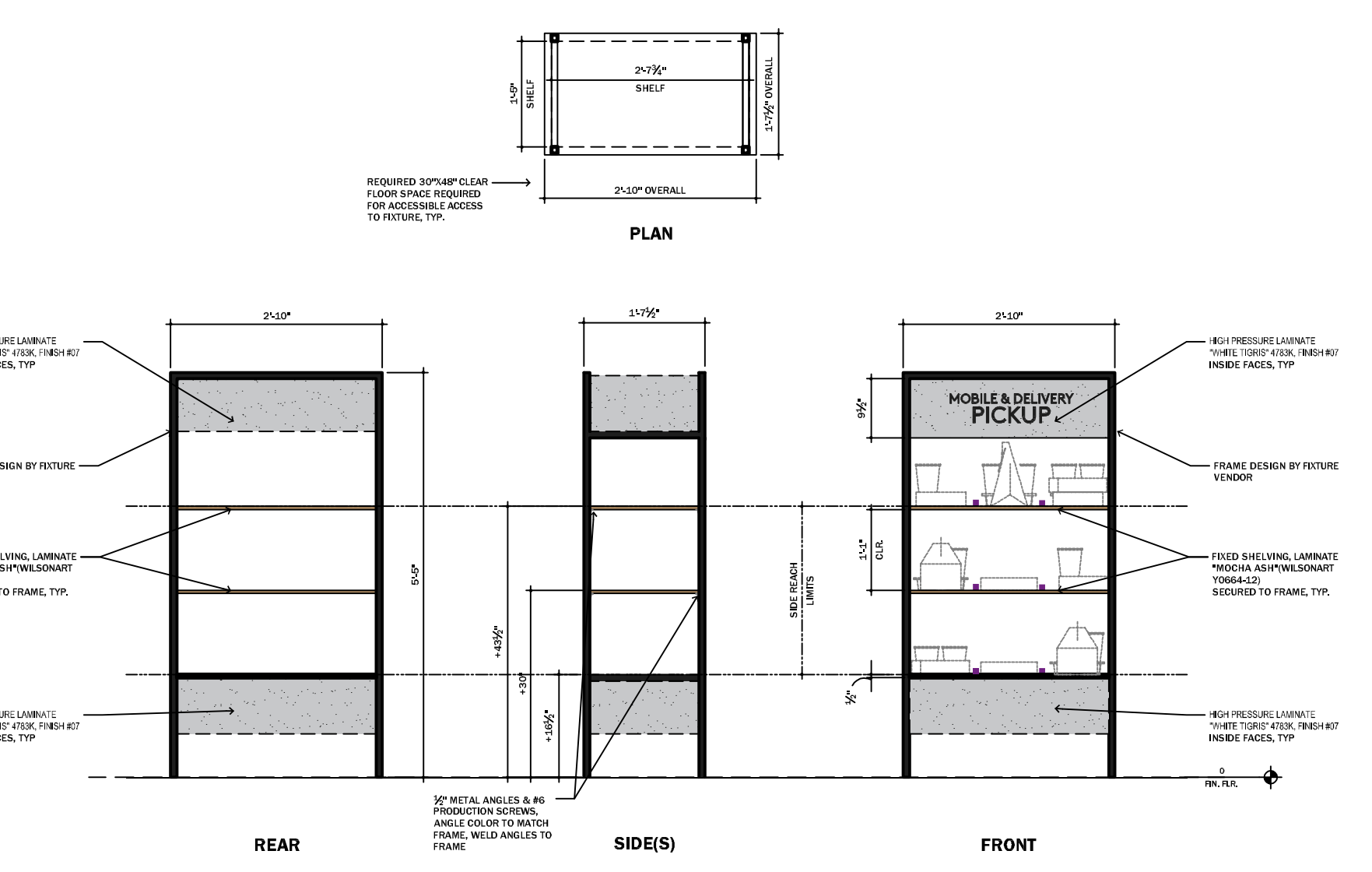
BANQUETTE SEATING 3/8" = 1'-0" **1**



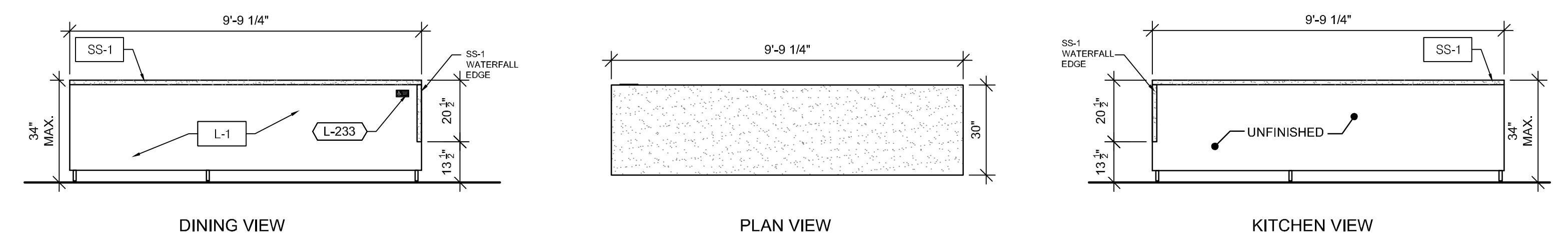
MOBILE & DELIVERY PICKUP SHELF SIGNAGE 1 1/2" = 1'-0" **4**



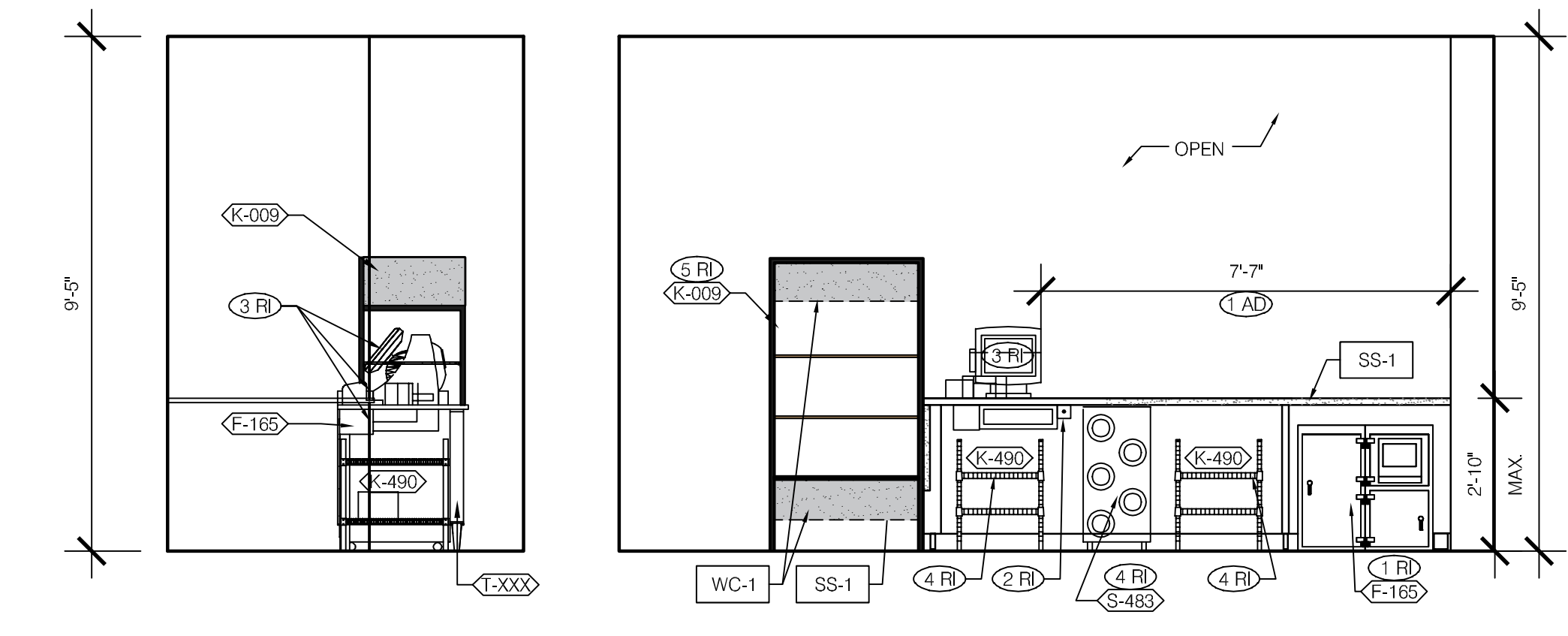
BANQUETTE WALLS/KIOSK 3/8" = 1'-0" **3**



9 HOLD MOBILE & DELIVERY PICKUP SHELF N.T.S. **7**



SERVICE COUNTER DETAILS 3/8" = 1'-0" **5**



SERVICE COUNTER 3/8" = 1'-0" **6**

- REMODEL IMAGE (RI)**
- (1 RI) EXISTING SAFE TO BE REINSTALLED BY BRINKS TECHNICIAN.
 - (2 RI) NEW HOLD-UP BUTTON TO BE INSTALLED.
 - (3 RI) EXISTING POS EQUIPMENT TO BE INSTALLED BY PAR.
 - (4 RI) NEW SERVICE EQUIPMENT TO BE INSTALLED.
 - (5 RI) NEW 9 HOLD MOBILE & PICKUP DELIVERY SHELF AT SERVICE COUNTER.
- ADA (AD)**
- (1 AD) 3'-0" MIN CLEAR OPENING.

KEY NOTES **A**

ARCVISION
INCORPORATED
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SAINT LOUIS / DALLAS / LAS VEGAS / ORLANDO
1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
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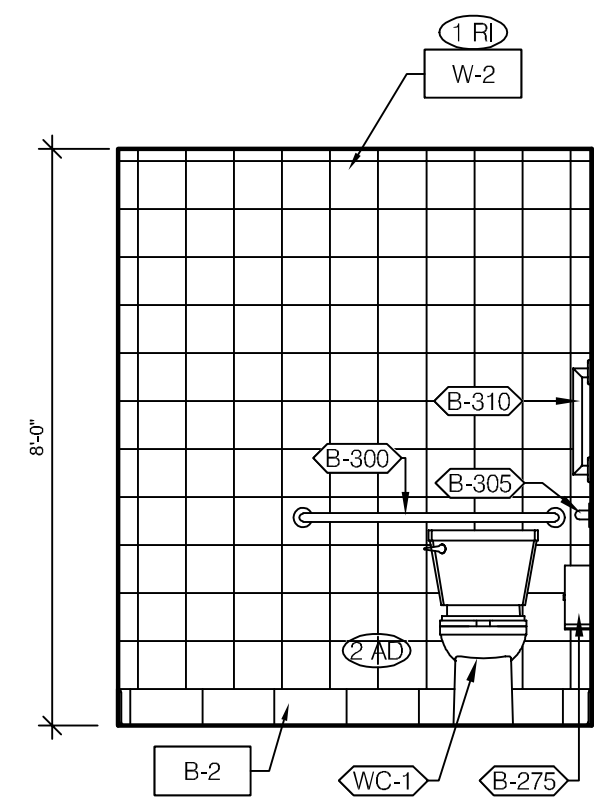
STATE OF MICHIGAN
FREDERICK J. GOGULA
ARCHITECT
1301043648
LICENSED ARCHITECT
10/28/22

CONTRACT DATE:
BUILDING TYPE: N2T-M70HD
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WANCHO
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

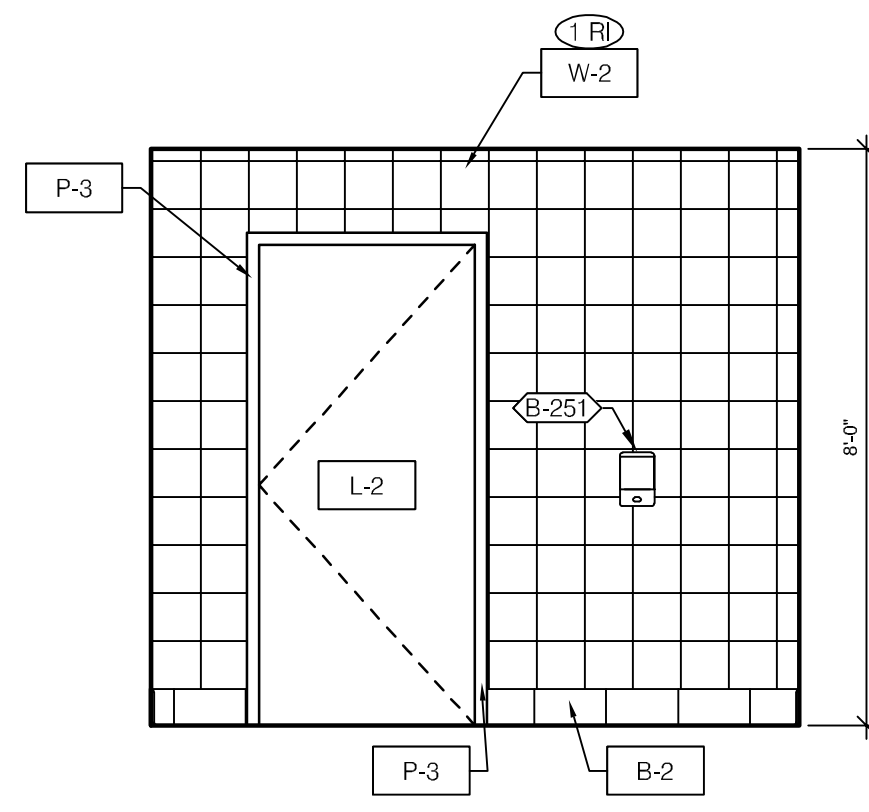
TACO BELL
205 ANN ARBOR RD.
PLYMOUTH, MI 48170

TACO BELL
MAJOR INTERIOR ELEVATIONS SERVICE COUNTER

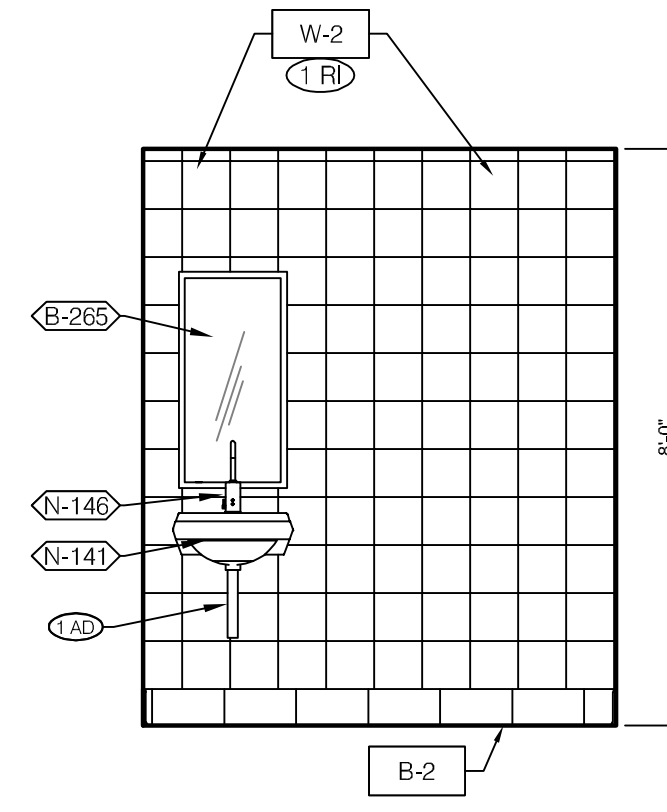
A8.1
R0 SET ISSUED: 10.27.22



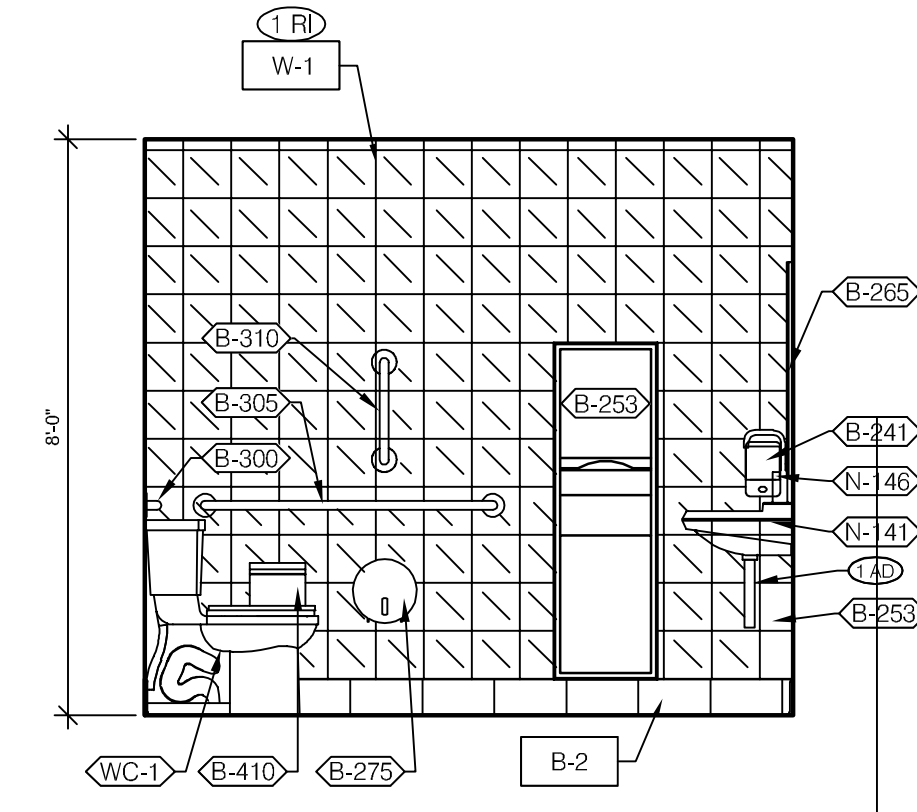
MEN'S RESTROOM 3/8" = 1'-0" **4**



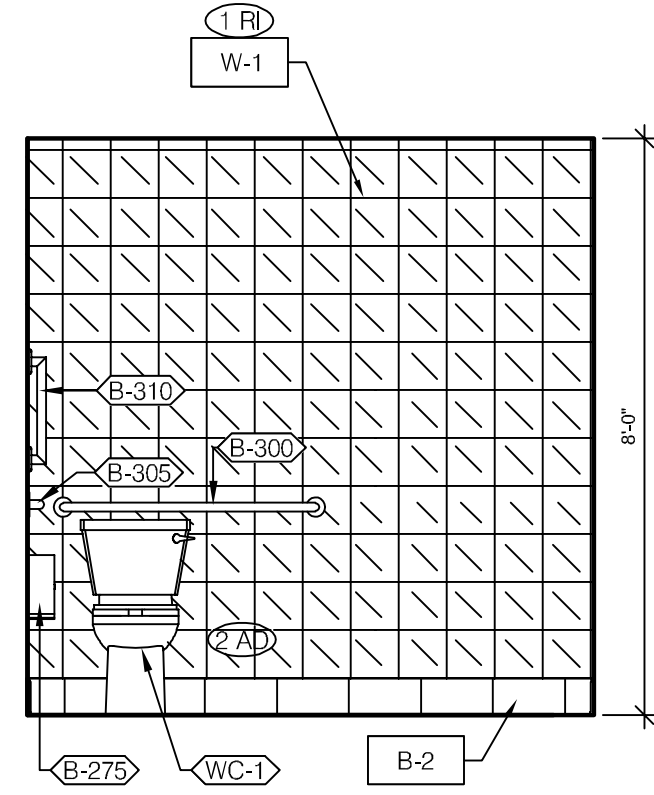
MEN'S RESTROOM 3/8" = 1'-0" **3**



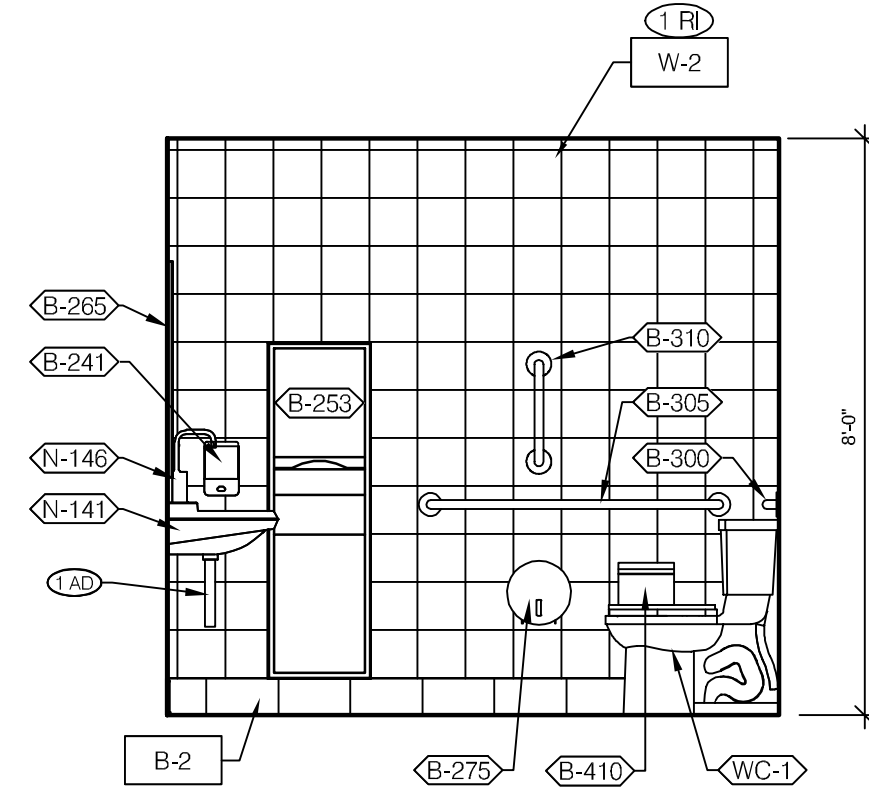
MEN'S RESTROOM 3/8" = 1'-0" **2**



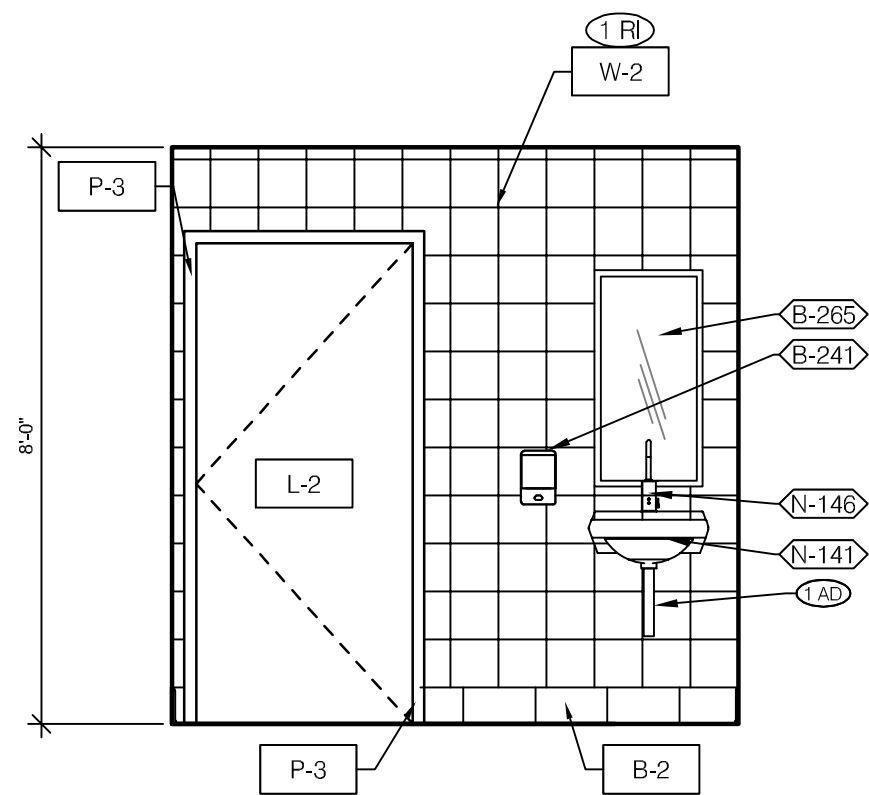
MEN'S RESTROOM 3/8" = 1'-0" **1**



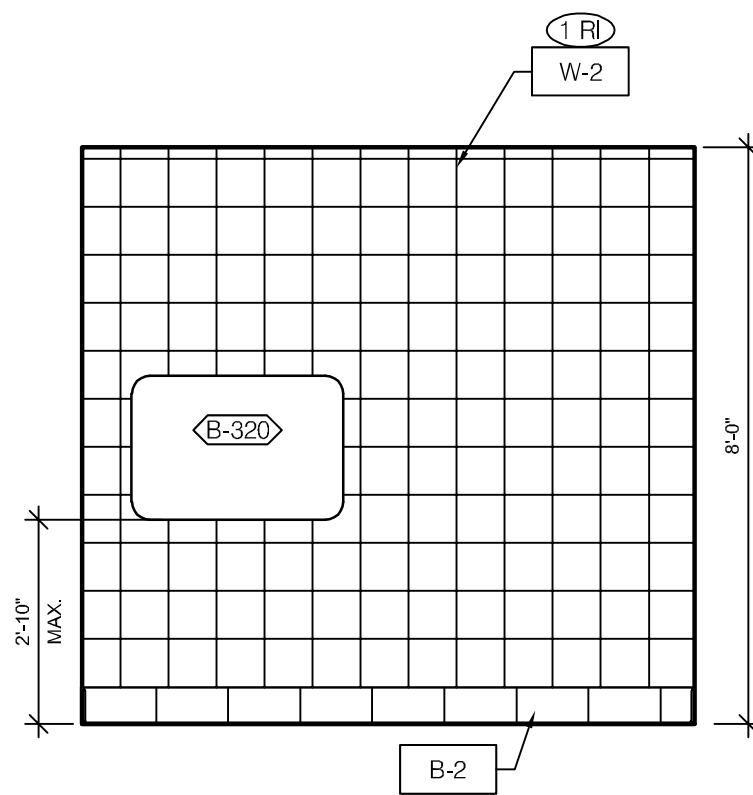
WOMEN'S RESTROOM 3/8" = 1'-0" **6**



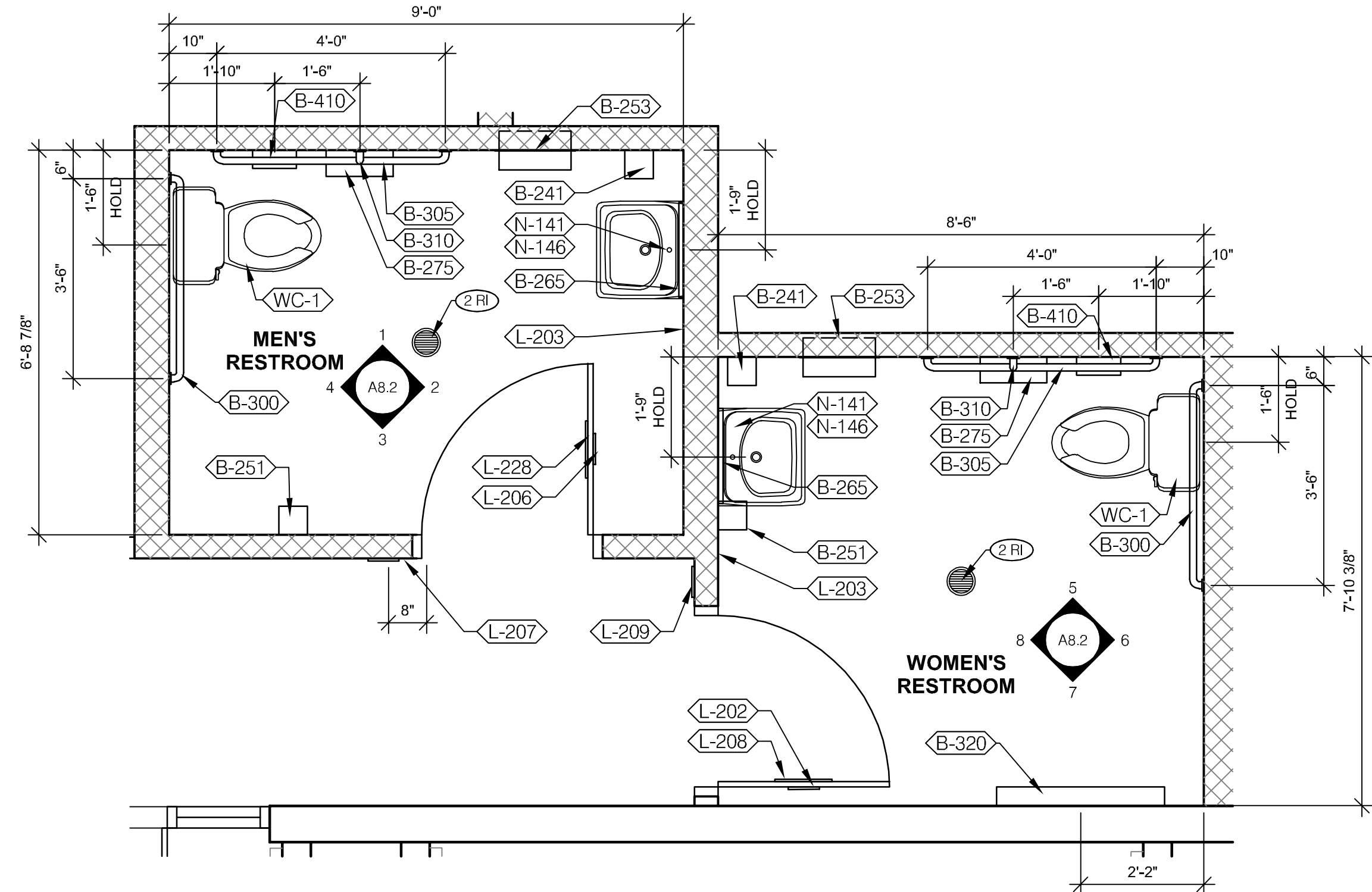
WOMEN'S RESTROOM 3/8" = 1'-0" **5**



WOMEN'S RESTROOM 3/8" = 1'-0" **8**



WOMEN'S RESTROOM 3/8" = 1'-0" **7**



ENLARGED RESTROOM FLOOR PLAN 1/2" = 1'-0" **A**

EQ #	QUANTITY	DESCRIPTION	MFR & MODEL NO.
B-241	2	SOAP DISPENSER (WALL MOUNTED)	KAY 3741
B-251	2	SANITIZER DISPENSER (WALL MOUNT)	KAY 3741
B-265	2	MIRROR, 18" x 36"	BOBRICK K# B-165-1836
B-275	2	TOILET PAPER DISPENSER	BOBRICK K# B-2890
B-253	2	PAPER TOWEL DISPENSER / TRASH 12 GALLON	BOBRICK K# B-3944
B-300	2	42" GRAB BAR	BOBRICK B-6806x42
B-305	2	48" GRAB BAR	BOBRICK B-6806x48
B-310	2	VERTICAL GRAB BAR 1-1/2" DIA X 18" S.S. FIN.	BOBRICK B-6806x18
B-410	1	SANITARY NAPKIN RECEPTACLE	RUBBER MAID#6140
L-206	1	SIGN- TACO BELL RESTROOM MEN'S TRIANGLE 12" X 12"	REFER TO TACOBELLPLANS.COM/LIBRARY/SIGNS FOR ADDITIONAL RESTROOM SIGN OPTIONS
L-207	1	SIGN- TACO BELL RESTROOM MEN WITH BRAILLE 10" X 6.5"	REFER TO TACOBELLPLANS.COM/LIBRARY/SIGNS FOR ADDITIONAL RESTROOM SIGN OPTIONS
L-208	1	SIGN- TACO BELL RESTROOM WOMEN'S CIRCLE 12" X 12"	REFER TO TACOBELLPLANS.COM/LIBRARY/SIGNS FOR ADDITIONAL RESTROOM SIGN OPTIONS
L-209	1	SIGN- TACO BELL RESTROOM WOMEN WITH BRAILLE 10" X 6.5"	REFER TO TACOBELLPLANS.COM/LIBRARY/SIGNS FOR ADDITIONAL RESTROOM SIGN OPTIONS
N-141	2	WHITE VITREOUS CHINA WALL MOUNTED LAVATORY WITH ACCESSORIES	AMERICAN STANDARD BRANDS - SEE PLUMBING
N-146	2	FAUCET (RESTROOMS) - BATTERY POWERED - SLOAN	T&S FAUCET B-0831-WA, FRANCHISE OPTION N-134; T&S B-2465 - SEE PLUMBING
WC-1	2	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK TOILET WITH ACCESSORIES - ADA COMPLAINT	KOHLER COMPANY; REFER TO PLUMBING DRAWINGS
B-320	1	BABY CHANGING TABLE	

NOTE TO GC:
REFER SHEET ADA 1.0 FOR MOUNTING HEIGHTS AND CLEARANCES

RESTROOM FIXTURE SCHEDULE **B**

- PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
- GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
- REFER TO FLOOR PLAN NOTES ON SHEET A1.0 FOR BLOCKING AND SUBSTRATE NOTES.
- LOCATE FLUSH HANDLE ON WIDE SIDE OF STALL.
- PROVIDE WALL TILE BEHIND ENTIRE MIRROR AREA TO ALIGN MOUNTING SURFACES.
- REFER TO ACCESSIBILITY CODES FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
- ALL DIMENSIONS ON THIS DRAWING ARE TO FINISH SURFACE.
- PROVIDE 5/8" CEMENTITIOUS BOARD SUBSTRATE FULL HEIGHT BEHIND ALL NEW TILED WALLS.
- PROVIDE 1/4" MAX GAP AT ALL TOILET PARTITION PANEL JOINTS.
- X-XX DENOTES FINISH MATERIAL. REFER TO SHEET A7.2 FOR FINISH SCHEDULE.
- X-XXX DENOTES NEW TOILET ROOM ACCESSORIES.

GENERAL NOTES **D**

REMODEL IMAGE (RI)

- (1 RI) WALL TILE AS NOTED. REFER TO GENERAL NOTE #8 FOR ADDITIONAL INFORMATION.
- (2 RI) MODIFY FLOOR DRAINS, PROVIDE SMOOTH TRANSITION. FLOORING NOT TO EXCEED 2% SLOPE IN ANY DIRECTION.

ADA (AD)

- (1 AD) INSTALL ALL PIPE WRAP ON ALL EXPOSED DRAIN AND SUPPLY LINES.
- (2 AD) INSTALL FLUSH VALVE ON WIDE SIDE OF TOILET STALL.

KEY NOTES **C**



10/28/22

CONTRACT DATE:
BUILDING TYPE: N2T-M70HD
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WANCHE
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

TACO BELL

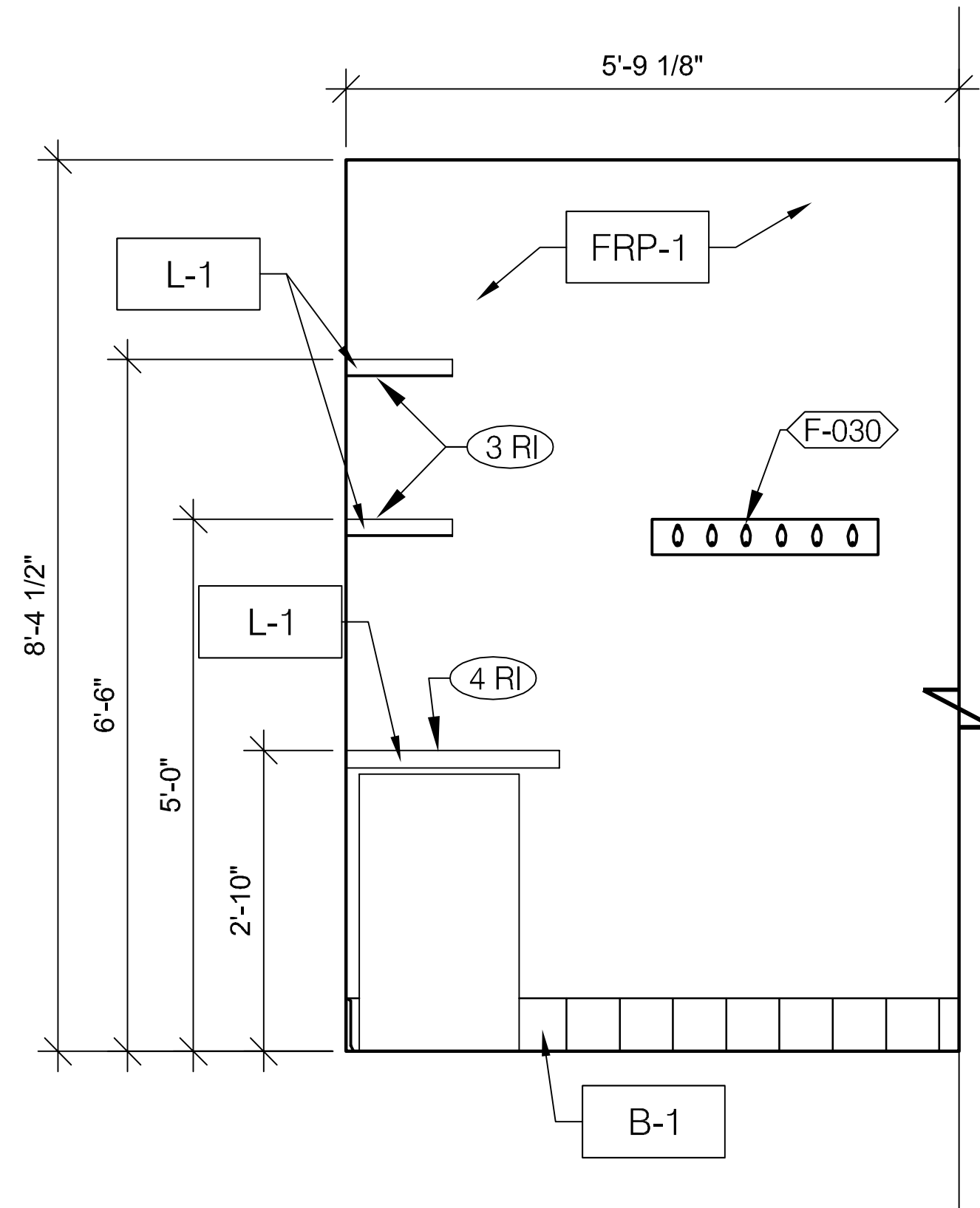
205 ANN ARBOR RD.
PLYMOUTH, MI 48170



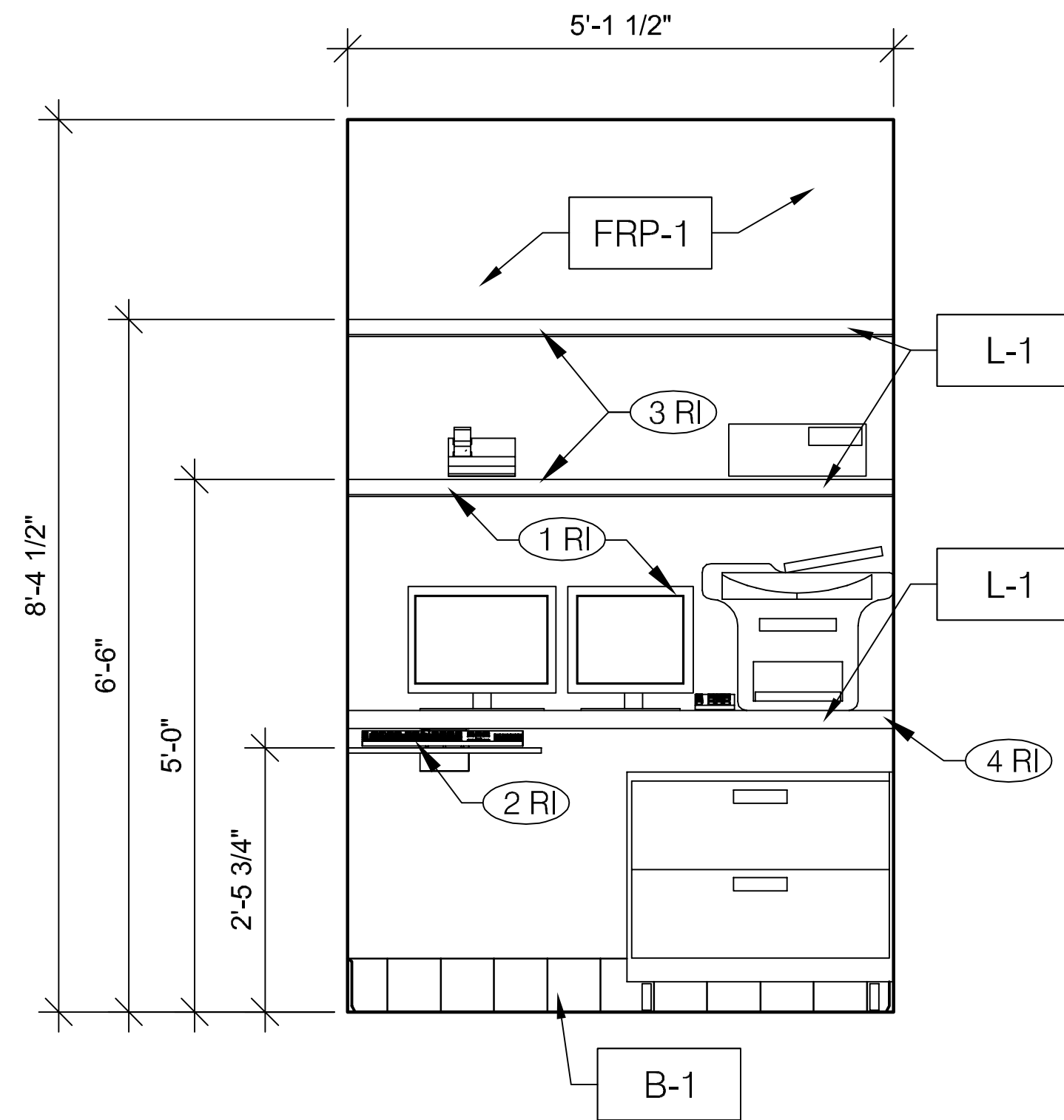
**INTERIOR
ELEVATIONS AND
RESTROOM PLAN**

A8.2

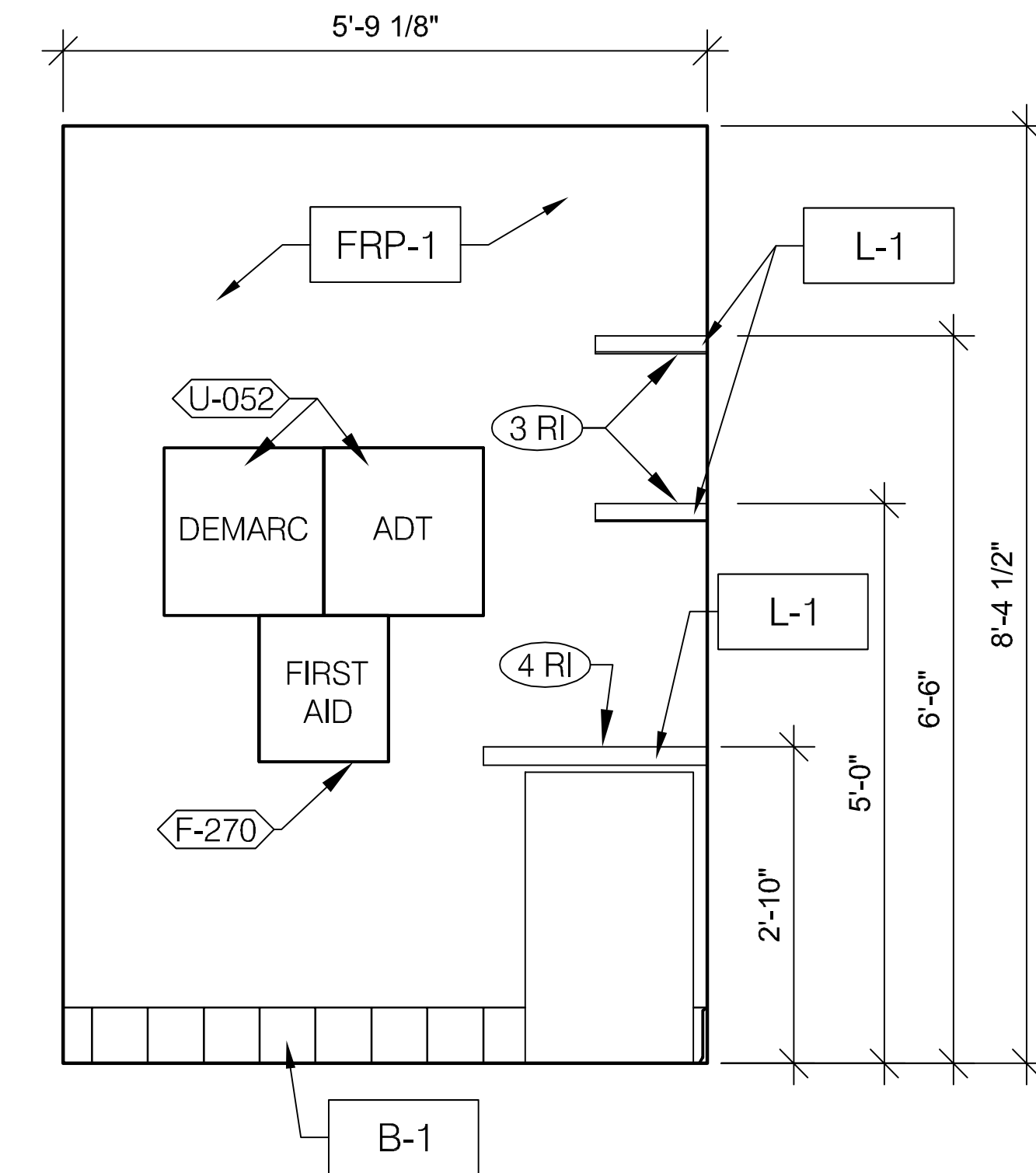
RS SET ISSUED: 10.27.22



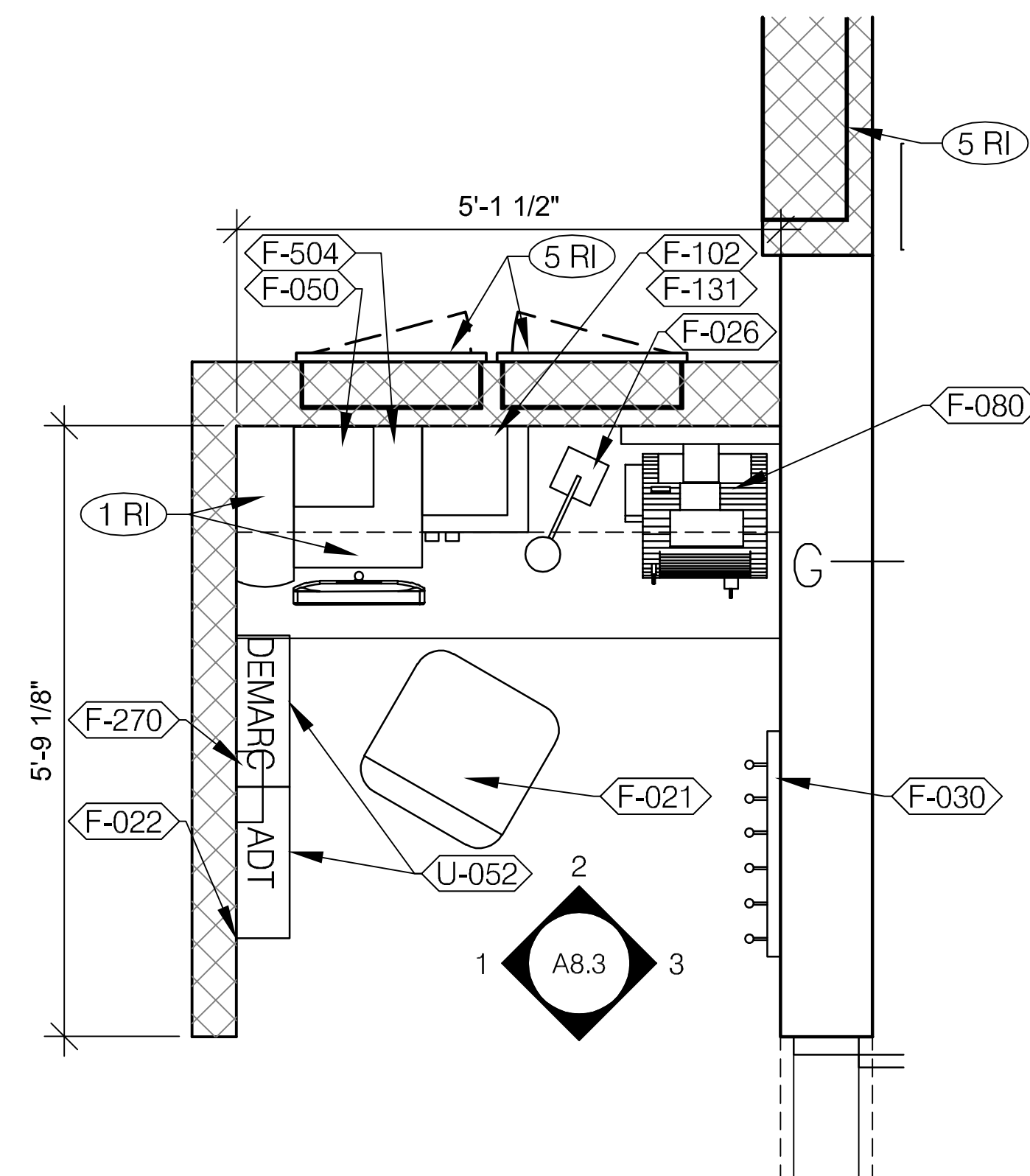
OFFICE ELEVATION 3/4" = 1'-0" **3**



OFFICE ELEVATION 3/4" = 1'-0" **2**



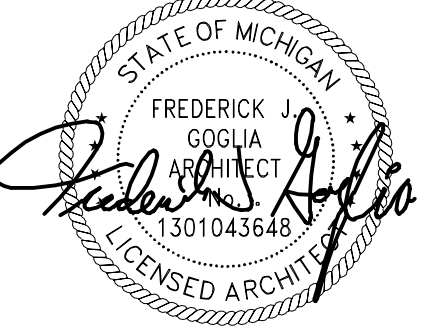
OFFICE ELEVATION 3/4" = 1'-0" **1**



ENLARGED OFFICE FLOOR PLAN 3/4" = 1'-0" **B**

- REMODEL IMAGE (RI)**
- (1 RI) EXISTING PC AND TABLET TO BE DISCONNECTED, STORED, AND REINSTALLED BY PAR TECHNICIAN. ALL OTHER OFFICE EQUIPMENT TO BE REMOVED.
 - (2 RI) UNDER COUNTER KEYBOARD TRAY.
 - (3 RI) SHELF BY G.C. - FINISH WITH PLASTIC LAMINATE (L-1). REFER TO FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.
 - (4 RI) COUNTER BY G.C. - FINISH WITH PLASTIC LAMINATE (L-1). REFER TO FINISH SCHEDULE A7.2 FOR ADDITIONAL INFORMATION.
 - (5 RI) NEW ELECTRIC PANEL. REFER TO ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

KEY NOTES **A**



10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M7QHD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHE
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL

205 ANN ARBOR RD.
 PLYMOUTH, MI 48170

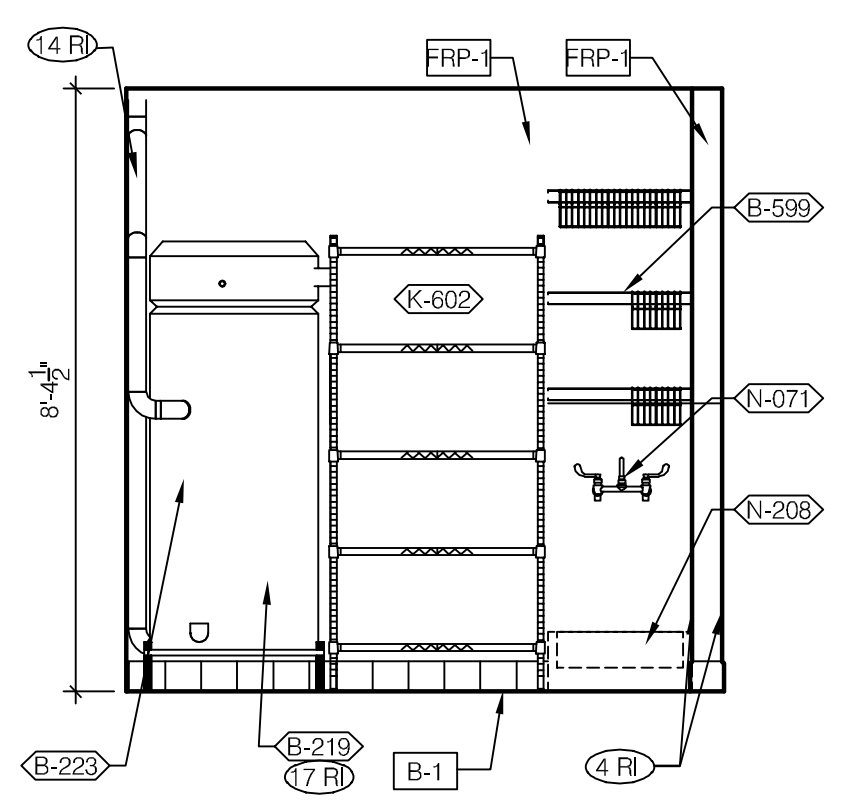


MAJOR

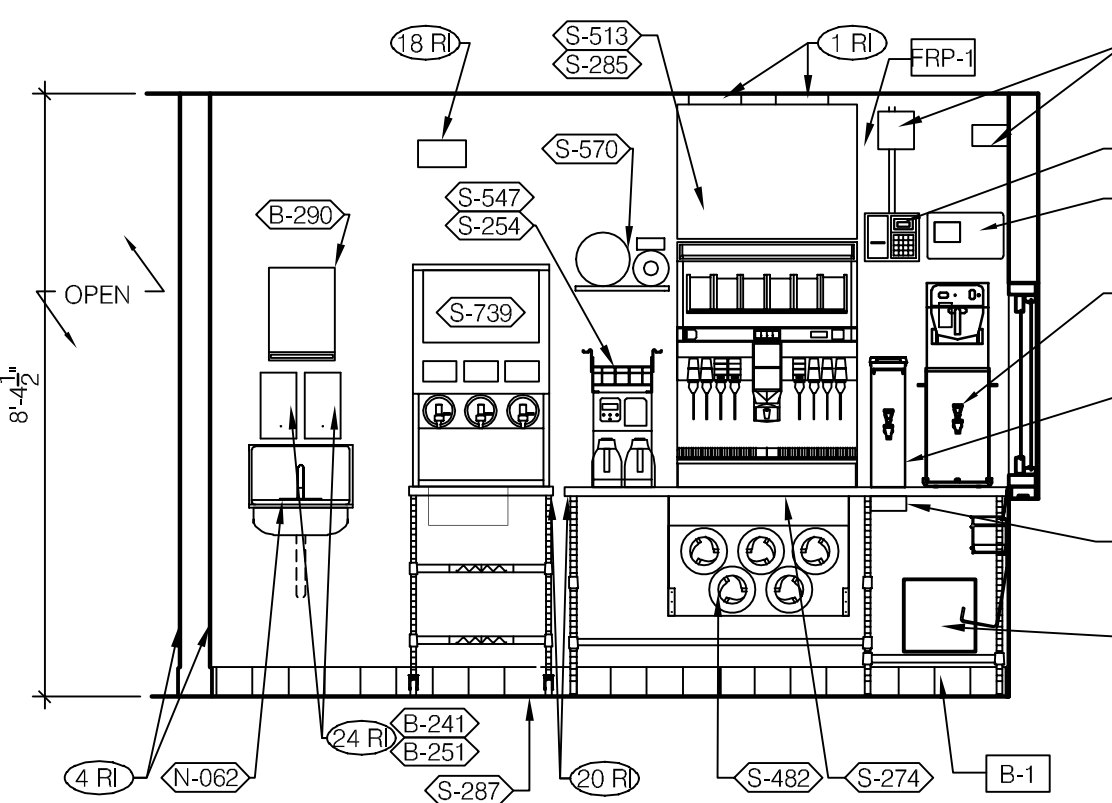
**INTERIOR
 ELEVATIONS AND
 OFFICE PLAN**

A8.3

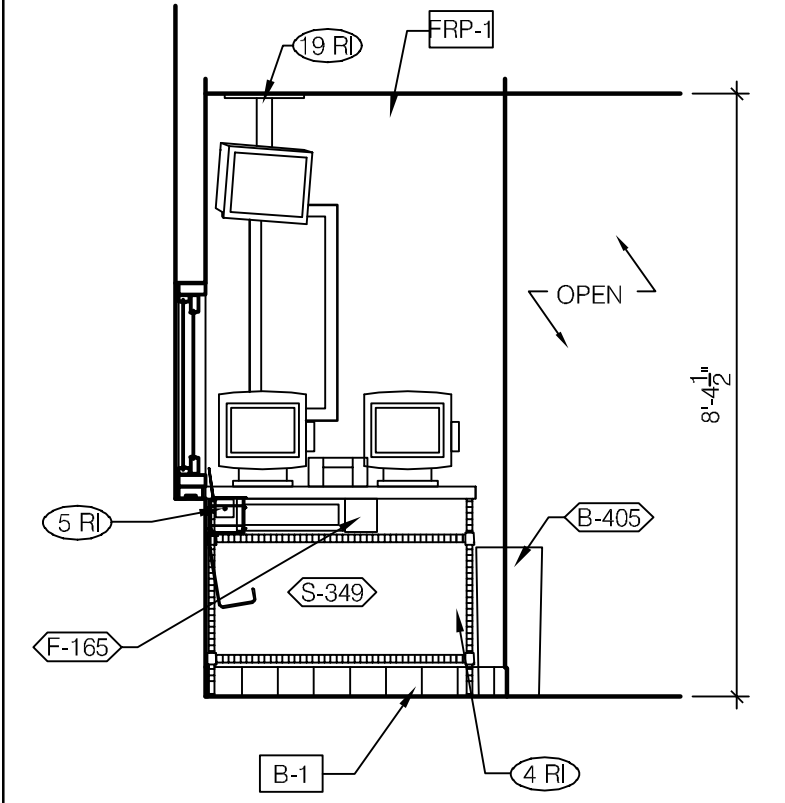
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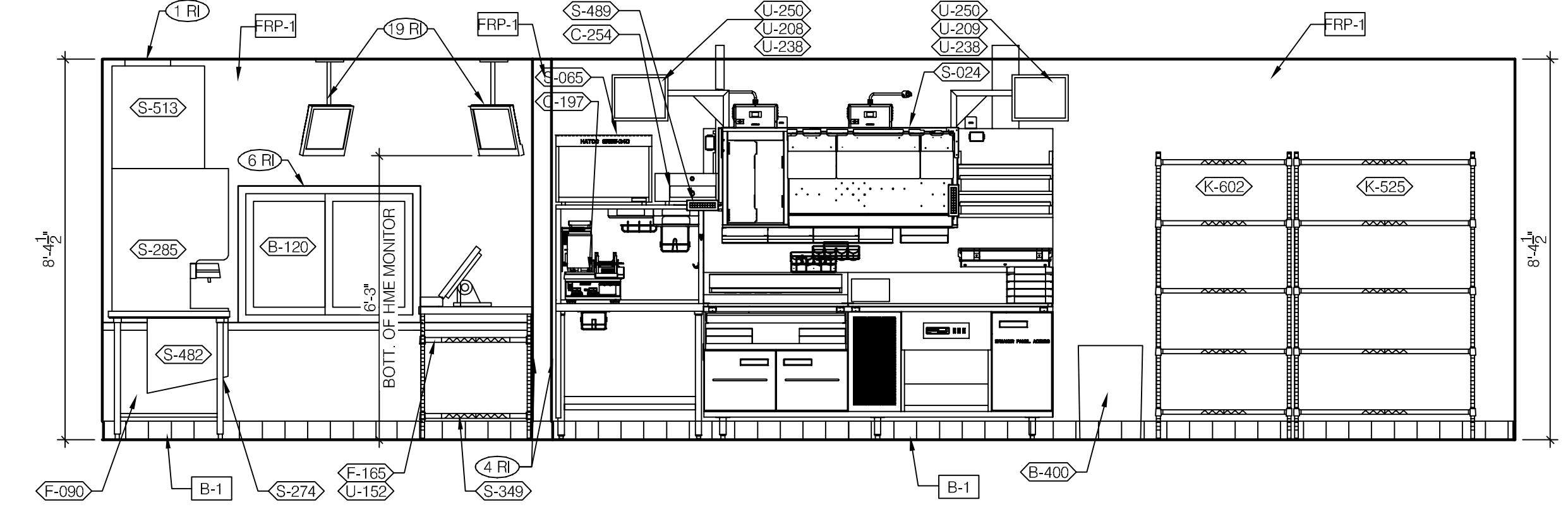
MOP SINK 3/8" = 1'-0" **4**



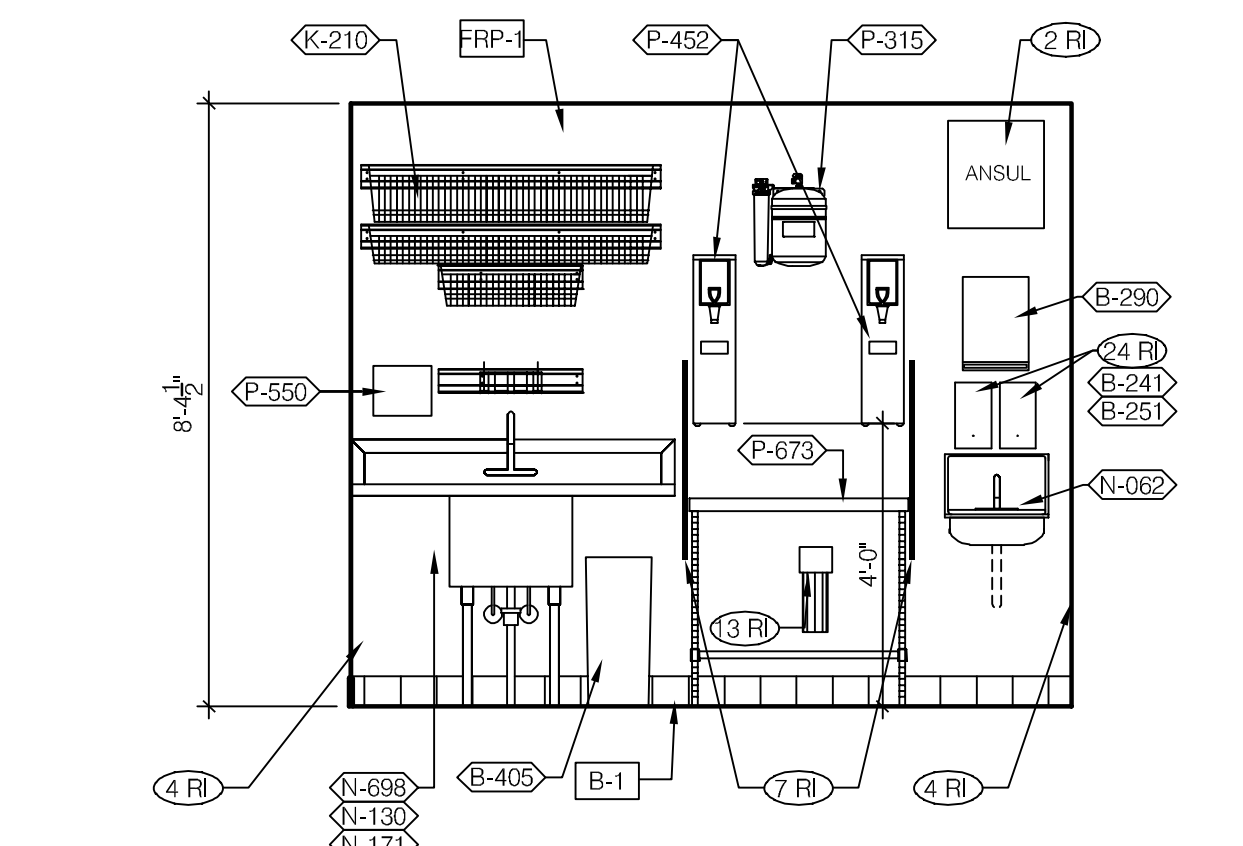
DRIVE-THRU 3/8" = 1'-0" **3**



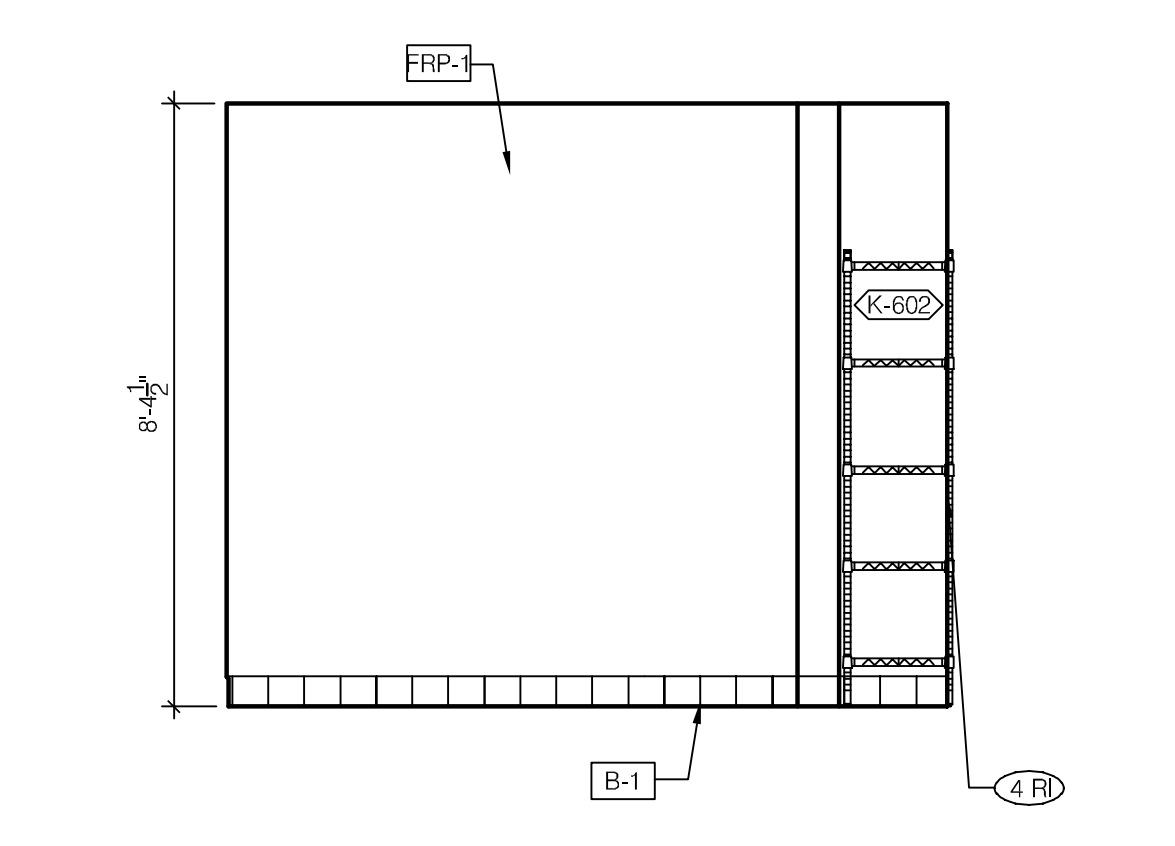
DRIVE-THRU 3/8" = 1'-0" **2**



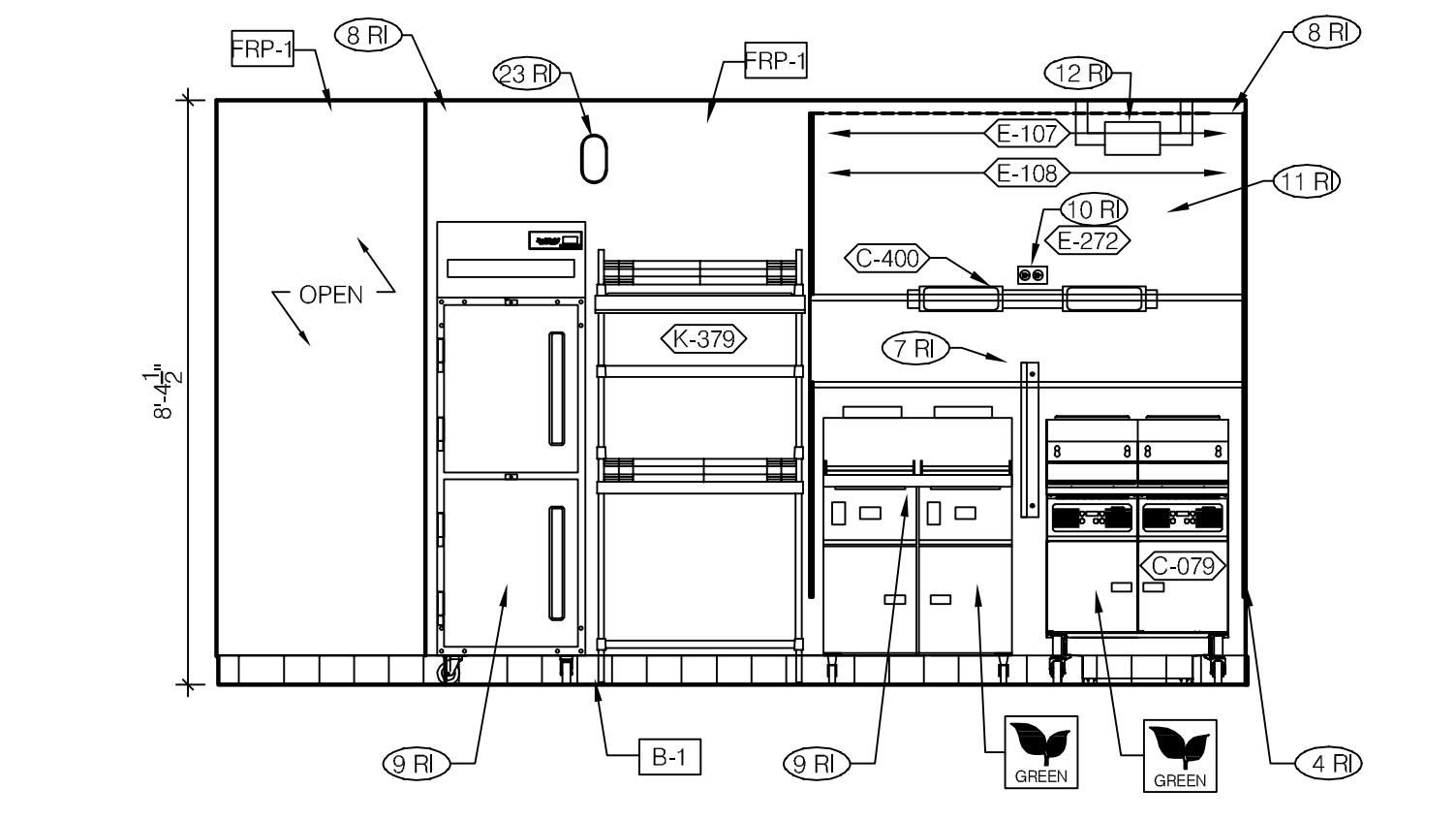
DRIVE-THRU AND 3RD PRODUCTION LINE 3/8" = 1'-0" **1**



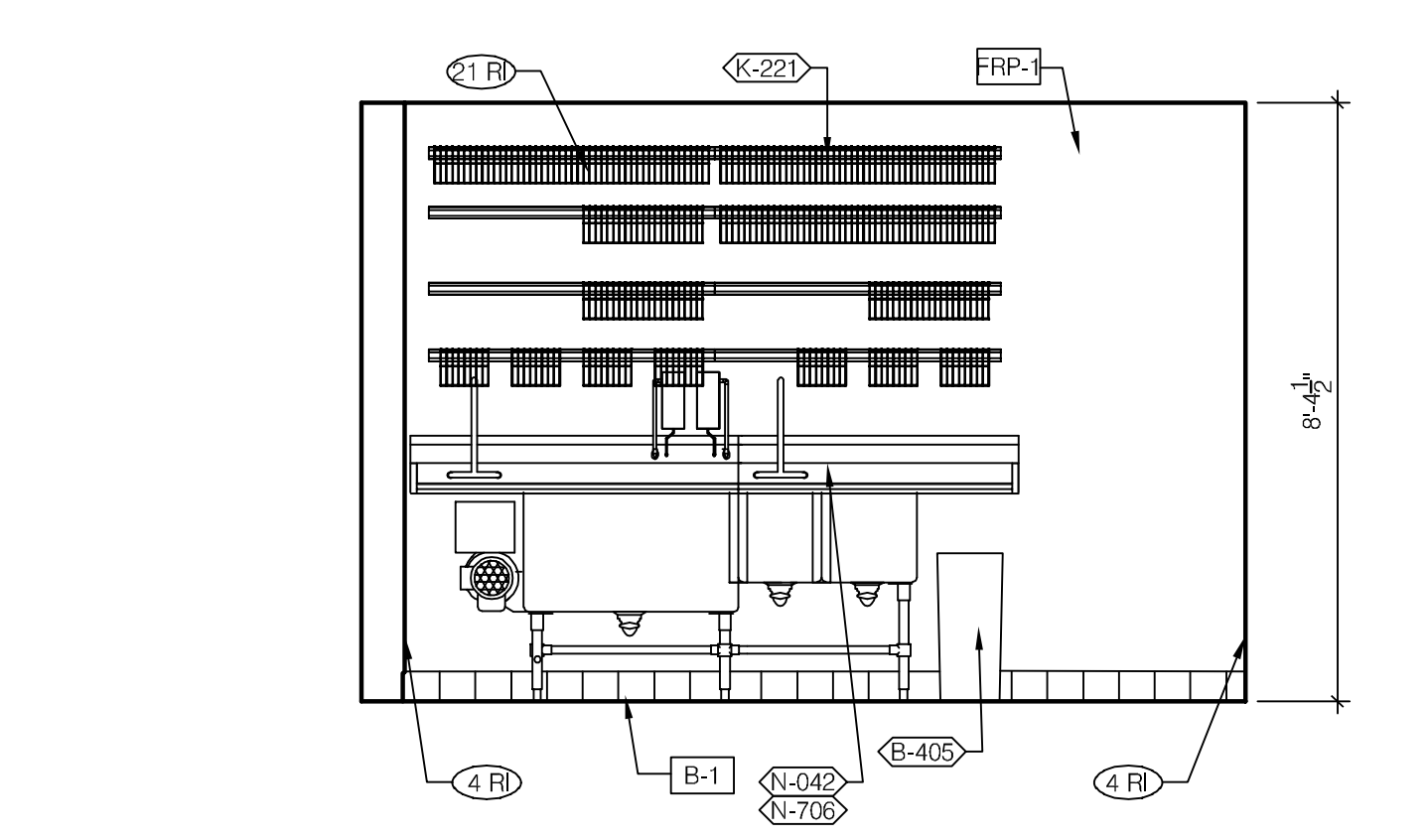
PREP SINK 3/8" = 1'-0" **8**



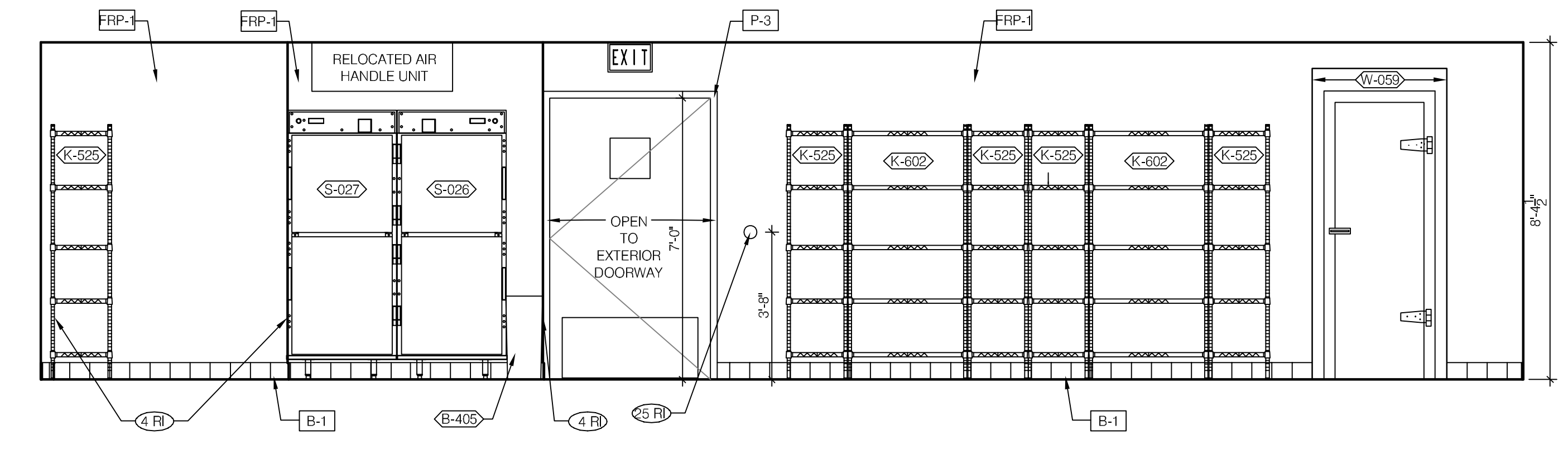
STORAGE 3/8" = 1'-0" **7**



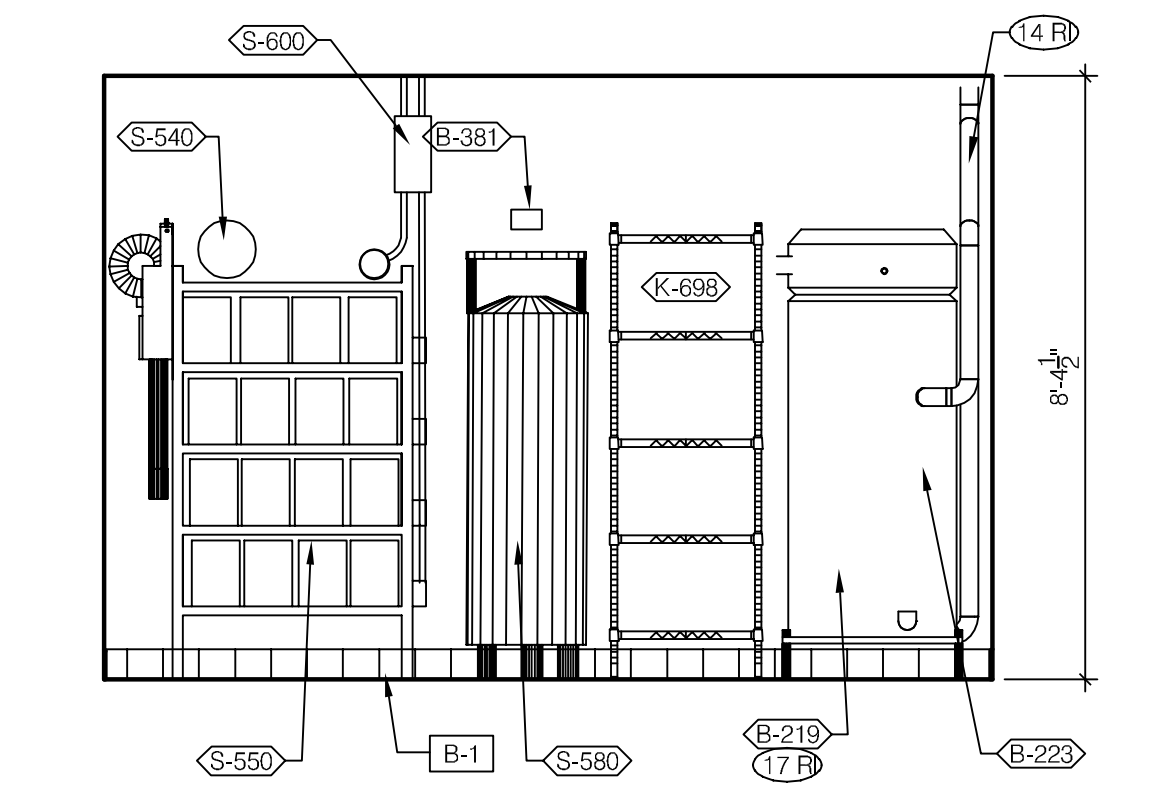
TB COOK LINE 3/8" = 1'-0" **6**



WARE WASHING 3/8" = 1'-0" **5**



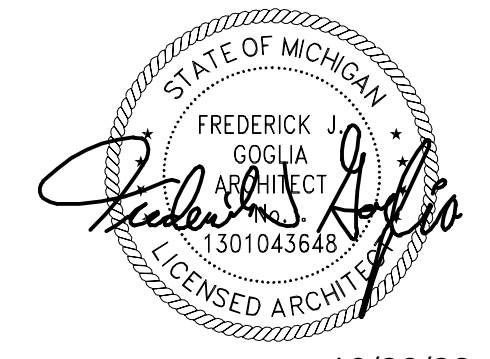
SERVICE DOOR/DRY STORAGE 3/8" = 1'-0" **10**



UTILITY 3/8" = 1'-0" **9**

- KEY NOTES**
- (1 RI) REMODEL IMAGE (RI)
 - (1 RI) STAINLESS STEEL CHASE FOR SYRUP LINES & ICE MACHINE REFRIGERANT LINES. REFER TO A6.0 FOR ADDITIONAL INFORMATION.
 - (2 RI) ANSUL CABINET.
 - (3 RI) DRIVE-THRU TIMER DISPLAY UNIT.
 - (4 RI) SS CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE DETAIL 6/A6.0.
 - (5 RI) HOLD-UP BUTTON.
 - (6 RI) SS CORNER GUARDS AT PERIMETER OF D/T WINDOW. SEE DETAILS 5 & 6/A6.0 AND SCOPE OF WORK FOR RESPONSIBILITIES.
 - (7 RI) SPLASH GUARD. SEE DETAIL 9/A6.0.
 - (8 RI) EDGE OF STAINLESS STEEL PANEL BEHIND HOOD.
 - (9 RI) EXISTING EQUIPMENT TO BE RELOCATED.
 - (10 RI) J-BOX AND OUTLET INCLUDED WITH HOOD. INSET WITH FLUSH WITH FACE OF HOOD.
 - (11 RI) 20 GA. STAINLESS STEEL PANEL BEHIND HOOD.
 - (12 RI) GAS SHUT-OFF VALVE.
 - (13 RI) FILTER FOR HOT WATER SYSTEM.
 - (14 RI) WATER HEATER FLUE. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.
 - (15 RI) OPENING FOR SYRUP TUBES. SEE DETAIL 4/A6.2.
 - (16 RI) NO SMOKING SIGN TO BE INSTALLED IN BOH.
 - (17 RI) NEW WATER HEATER. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.
 - (18 RI) ALERT LIGHT BOX FOR 3-COMP POWER SOAK.
 - (19 RI) REINSTALL KITCHEN MONITORS. REUSE CEILING MOUNT MONITOR BRACKET.
 - (20 RI) ADJACENT TABLE TOPS TO BE INSTALLED AT SAME LEVEL. ADJUST IN THE FIELD AS REQUIRED.
 - (21 RI) CUT WALL-HANGING TRACK TO ALLOW SPACE FOR CLICK&CLEAN SYSTEM.
 - (22 RI) DT TIMER SIGNAL PROCESSOR, DT TIMER MONITOR AND CONTROL UNIT, AND DT TIMER ETHERNET SWITCH.
 - (23 RI) OPTIONAL LIGHT INDICATOR FOR POWER SOAK. REFER TO ELECTRICAL PLANS FOR J-BOX.
 - (24 RI) AUTOMATIC HAND SOAP AND SANITIZER DISPENSERS. BY ECO LAB.
 - (25 RI) ANSUL PULL STATION.

KEY NOTES **A**



10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCOR
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL
 205 ANN ARBOR RD.
 PLYMOUTH, MI 48170

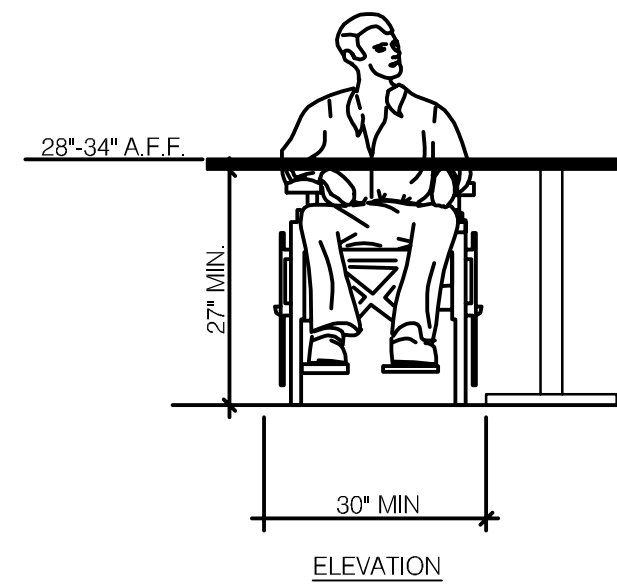


INTERIOR ELEVATIONS KITCHEN

A8.4

TOTAL SEATS	ACCESSIBLE SEATS
1 - 20	1
21-40	2
41-60	3
61-80	4
81-100	5
101-120	6
121-140	7

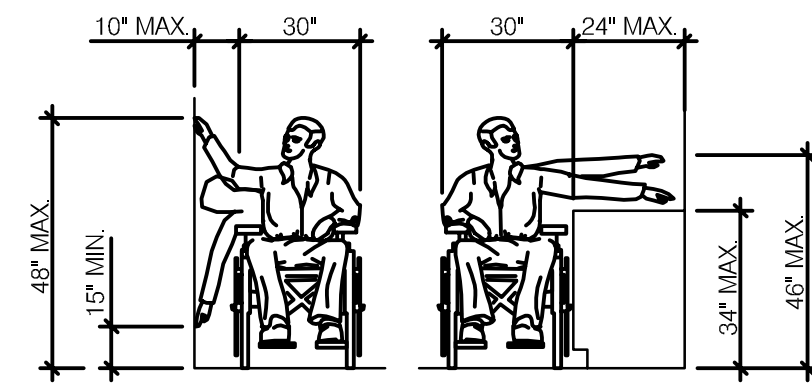
NUMBER OF ACCESSIBLE SEATS



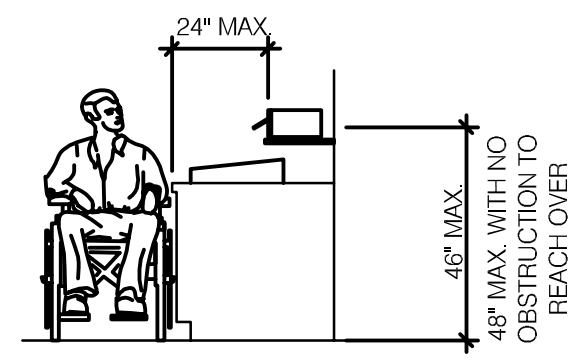
SEATING AND TABLES

N.T.S.

18



EXAMPLE: DRINK MACHINE, ETC.



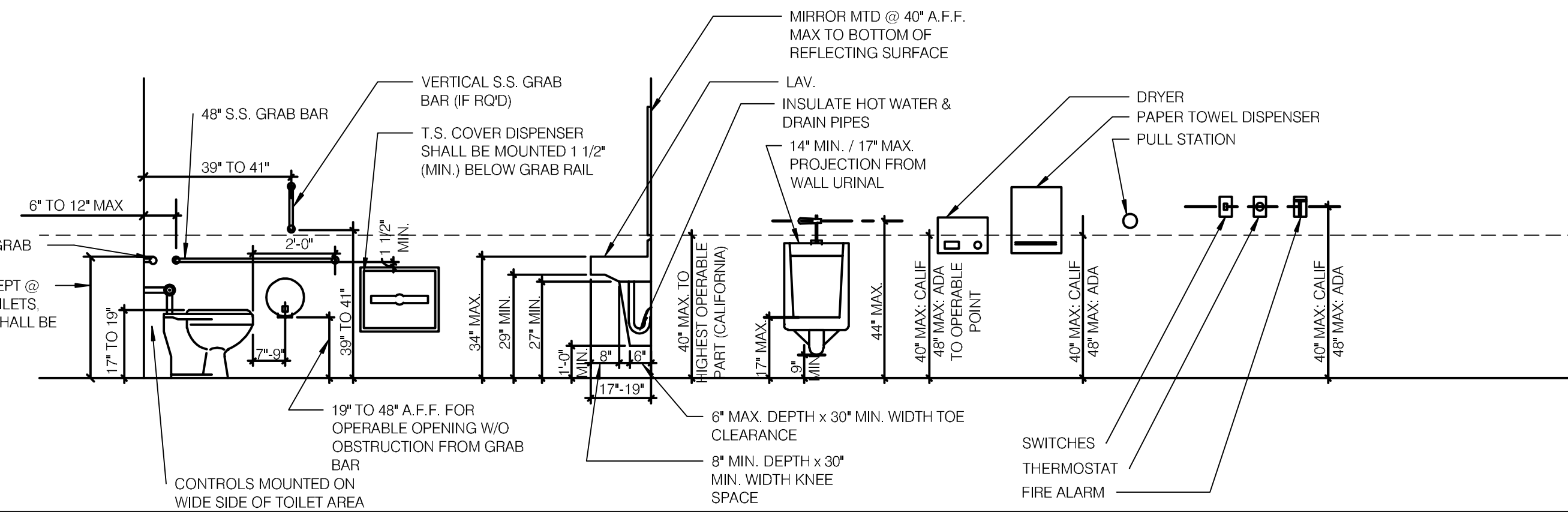
CONDIMENTS

REACH RANGES

N.T.S.

14

- NOTES:
- TOP OF GRIPPING SURFACE 33" TO 36" MAX TO THE TOP OF THE BAR. SEE NOTES BELOW
 - 12" MINIMUM CLEAR ABOVE GRAB BAR

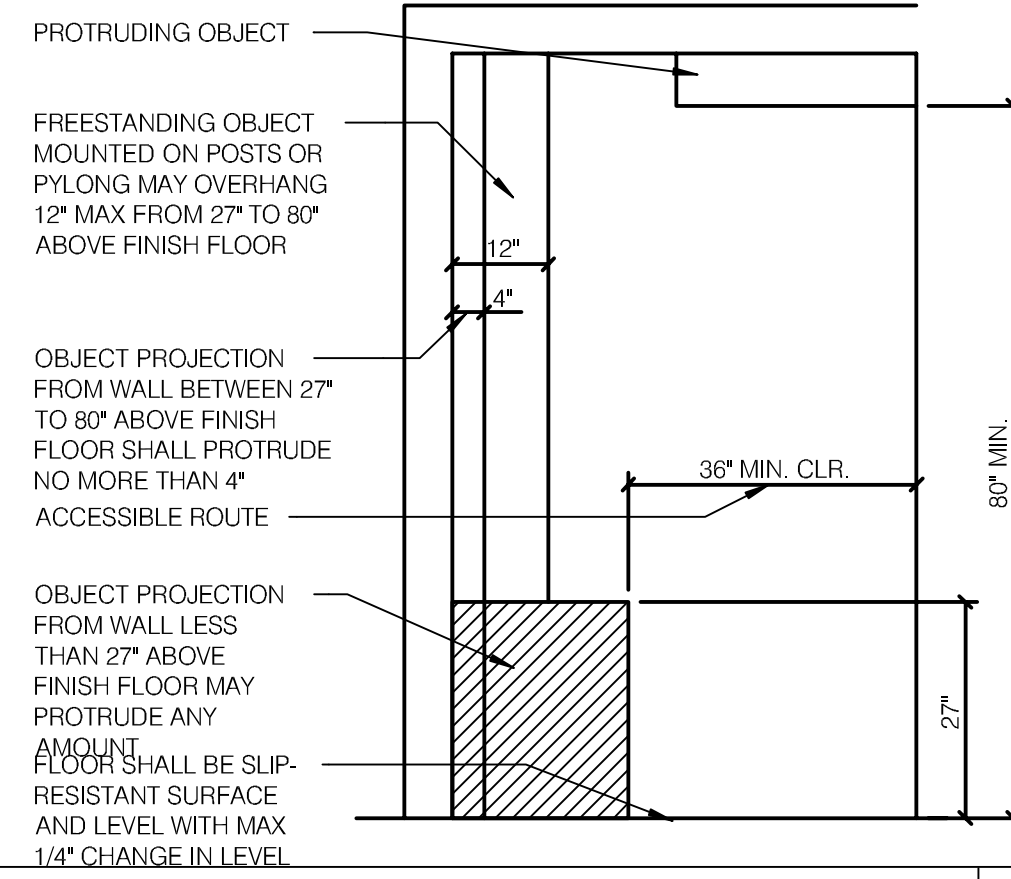


MOUNTING HTS. & CLEARANCE FOR ACCESSIBILITY BY THE DISABLED

N.T.S.

YAM016

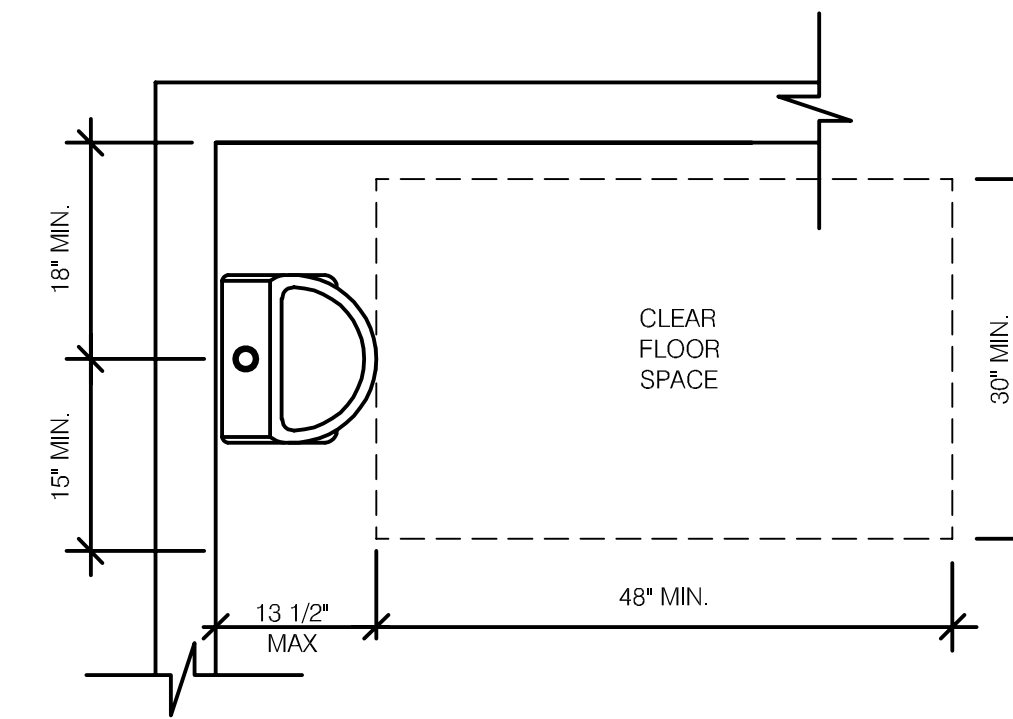
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INT. ACCESS. ROUTE CLEARANCES

1/2" = 1'-0"

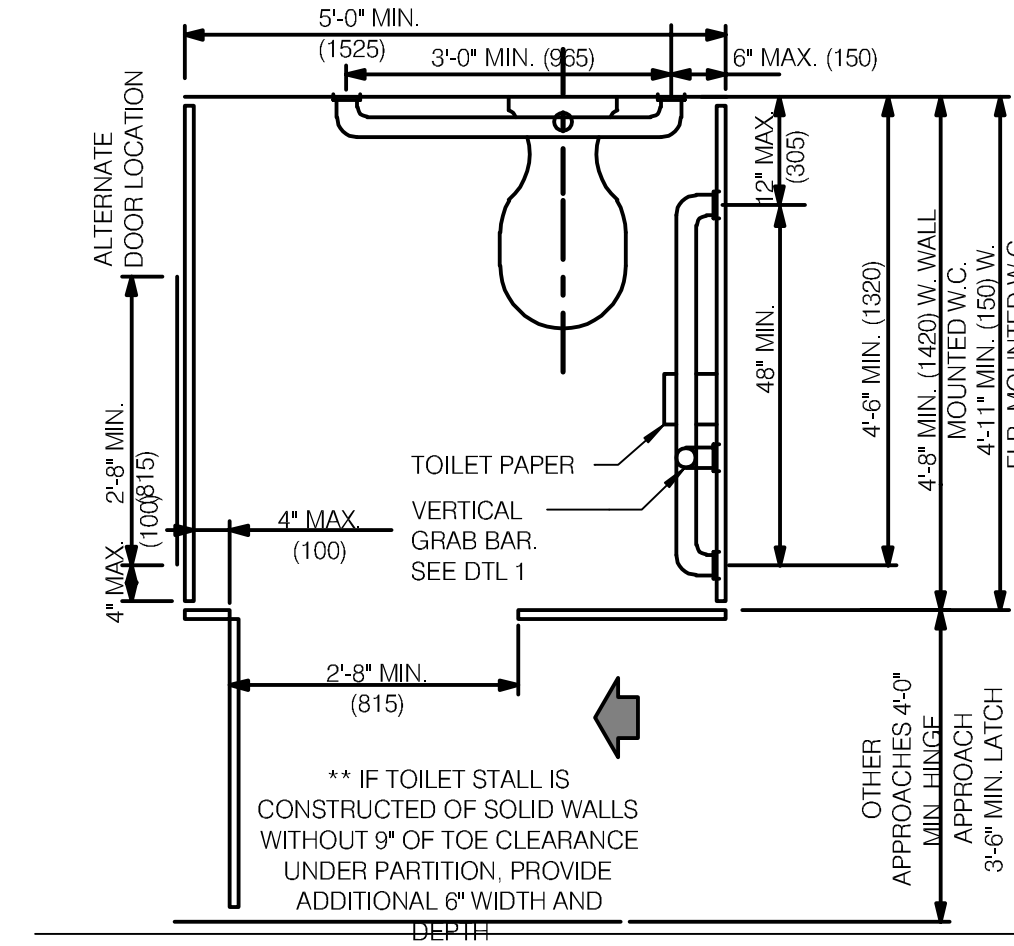
10



ACCESSIBLE URINAL

3/4" = 1'-0"

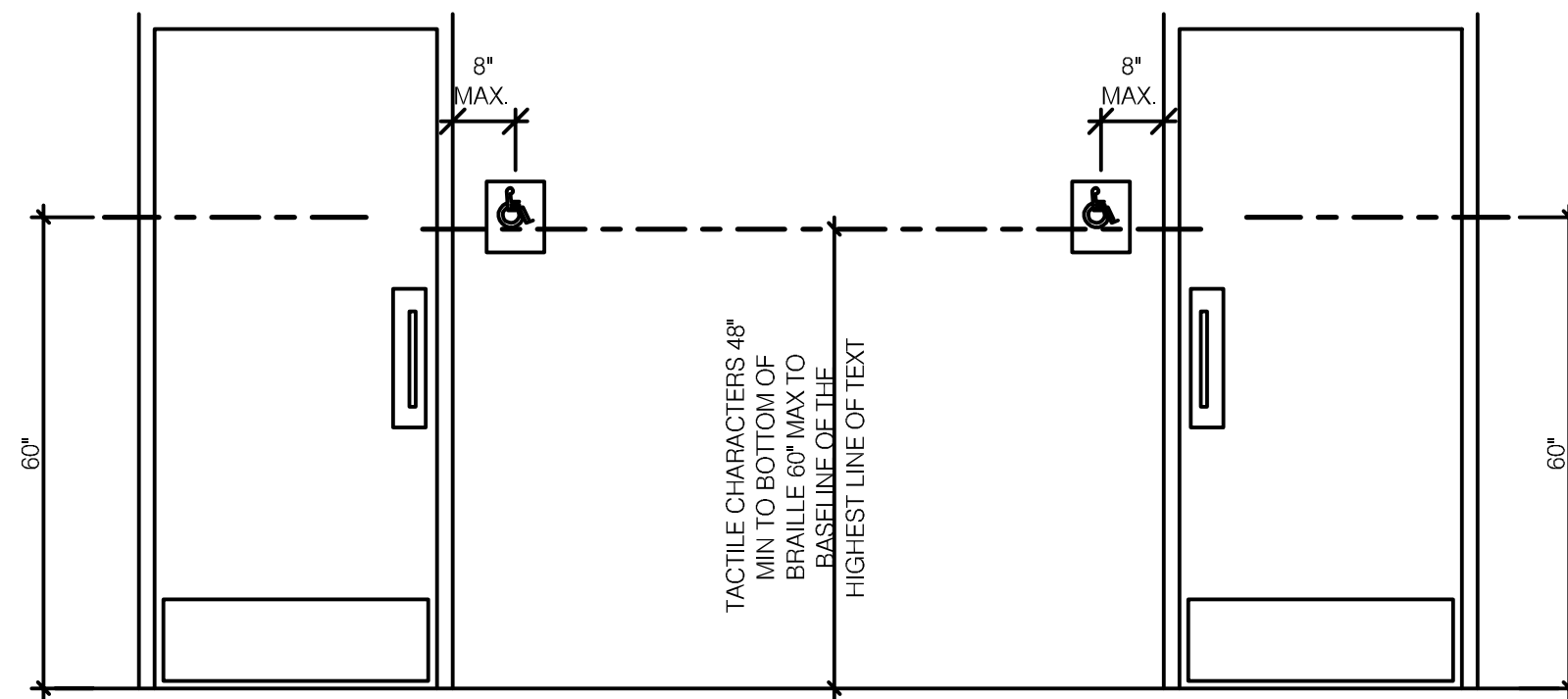
6



STANDARD TOILET STALL

N.T.S.

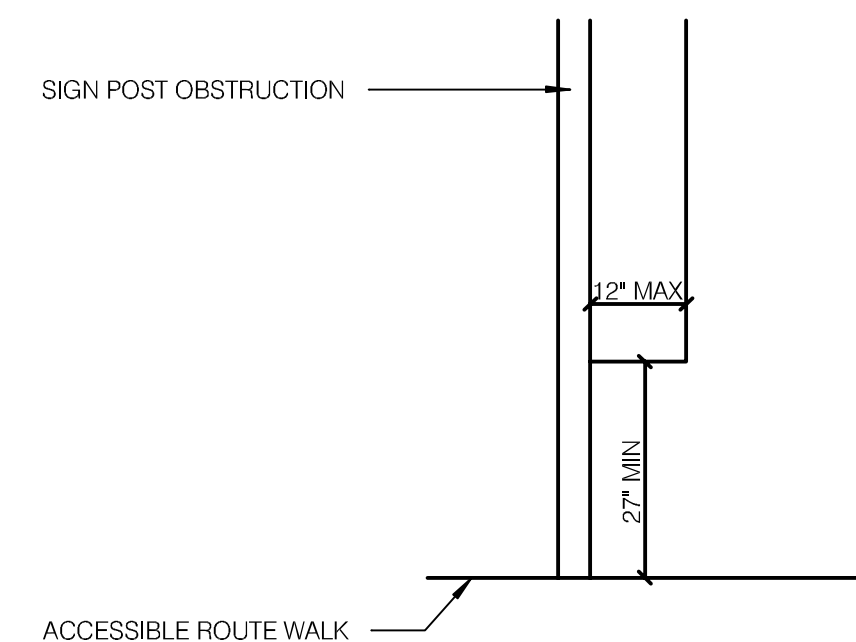
2



ACCESSIBLE RESTROOM DOORS

N.T.S.

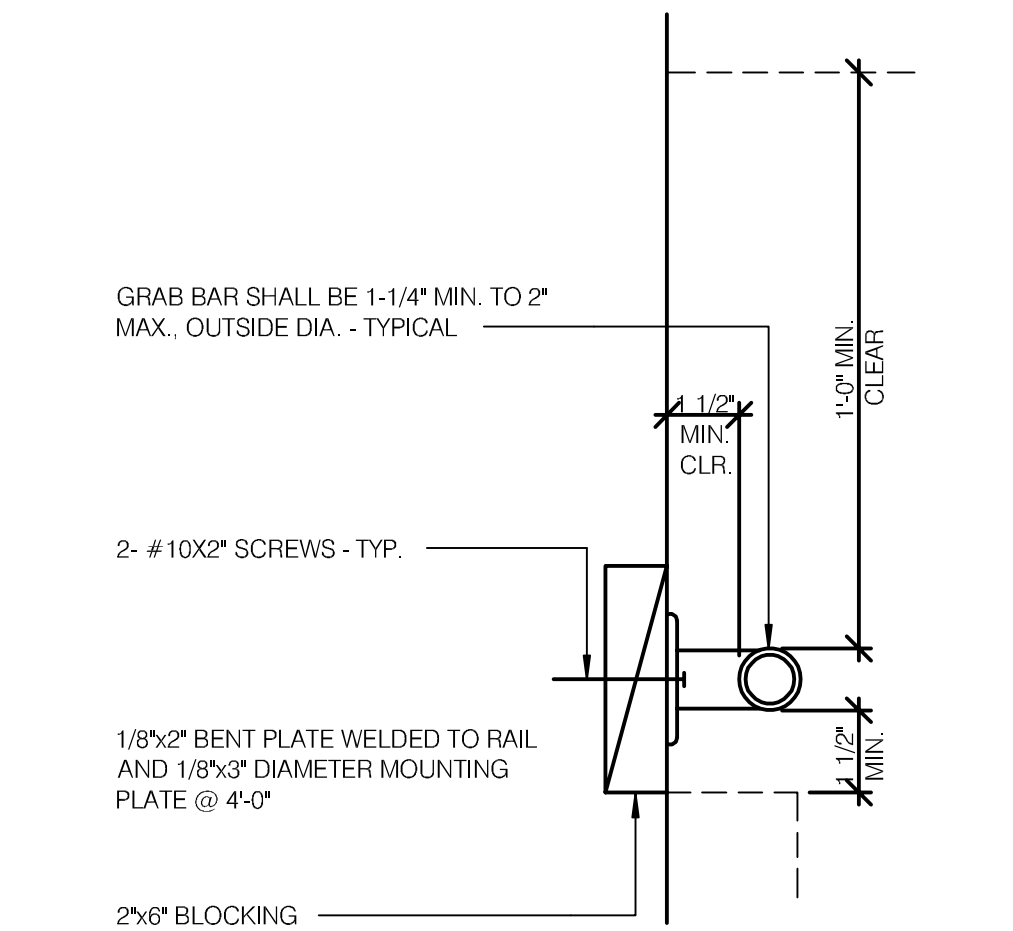
15



PROTRUDING HAZARDS

1/2" = 1'-0"

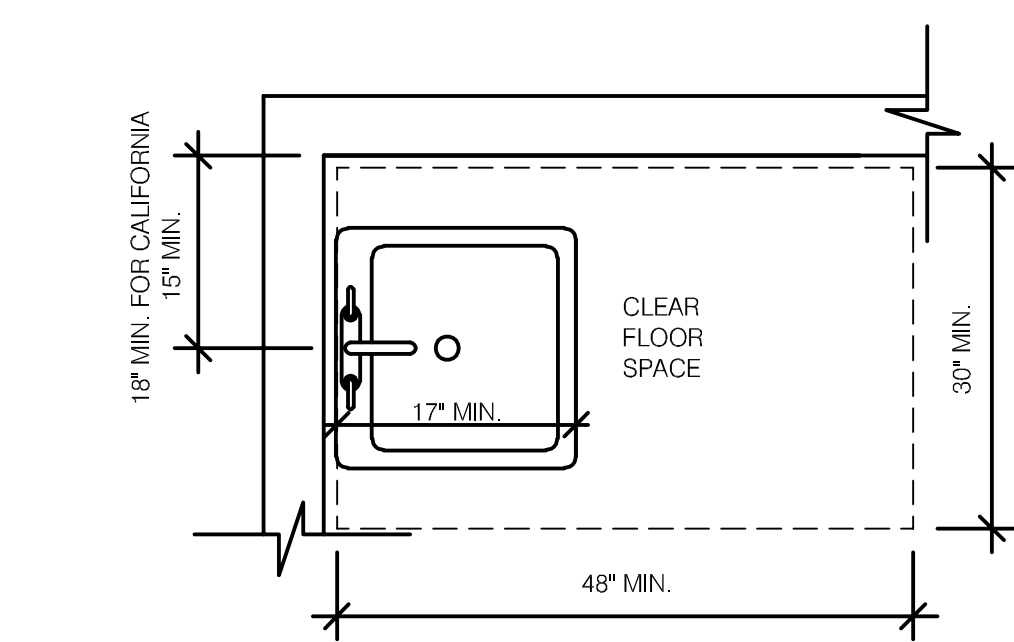
11



GRAB BAR

3/4" = 1'-0"

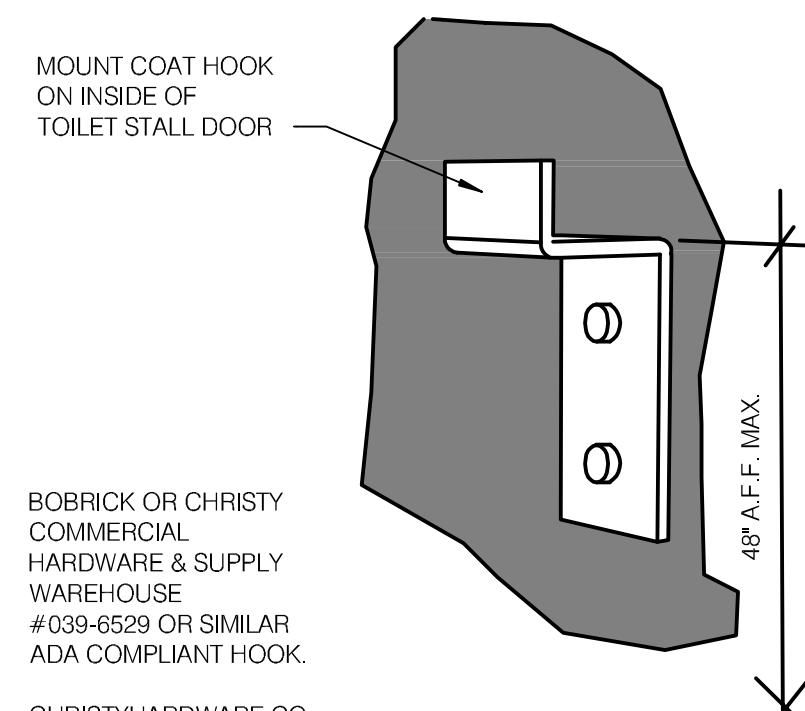
7



ACCESSIBLE LAVATORY

3/4" = 1'-0"

3



BOBRICK OR CHRISTY COMMERCIAL HARDWARE & SUPPLY WAREHOUSE #039-6529 OR SIMILAR ADA COMPLIANT HOOK.

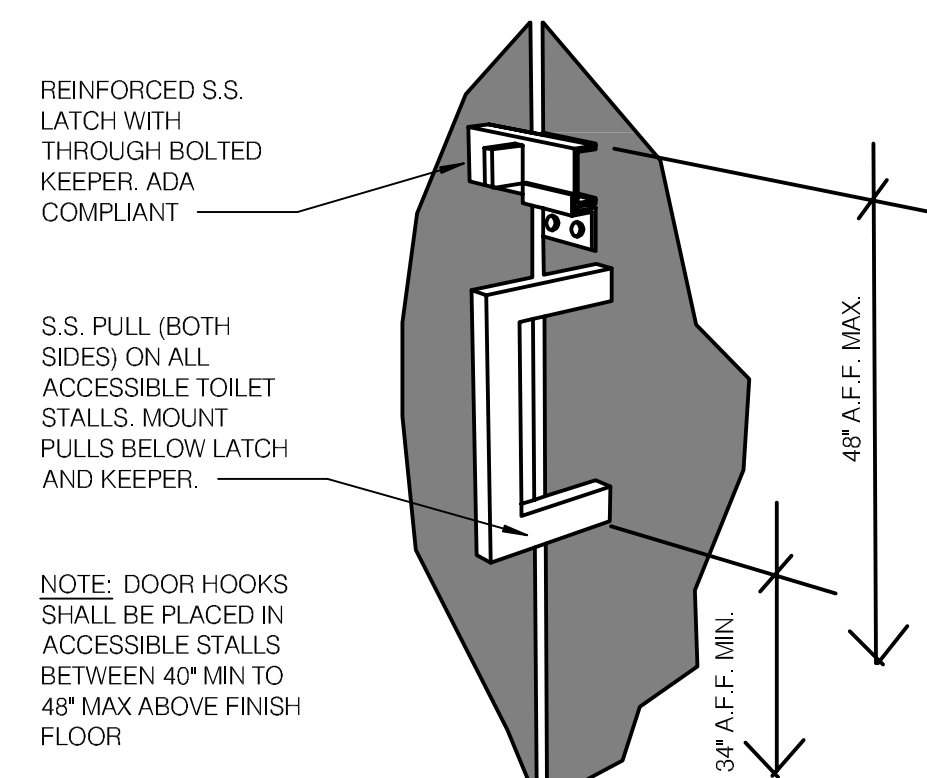
CHRISTYHARDWARE.CO M 877-544-5400

NOTE: SEE DOOR SCHEDULE. AND DOOR SCHEDULE NOTES

COAT HOOK

N.T.S.

20



S.S. PULL (BOTH SIDES) ON ALL ACCESSIBLE TOILET STALLS. MOUNT PULLS BELOW LATCH AND KEEPER.

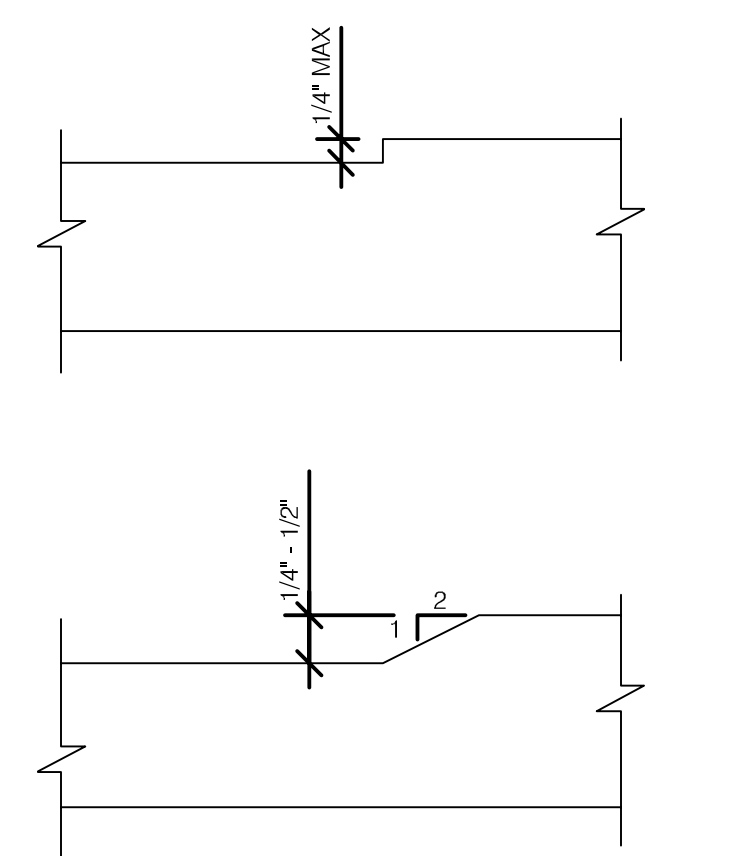
NOTE: DOOR HOOKS SHALL BE PLACED IN ACCESSIBLE STALLS BETWEEN 40" MIN TO 48" MAX ABOVE FINISH FLOOR

NOTE: SEE DOOR SCHEDULE. AND DOOR SCHEDULE NOTES

PARTITION DOOR LATCH @ PULL

N.T.S.

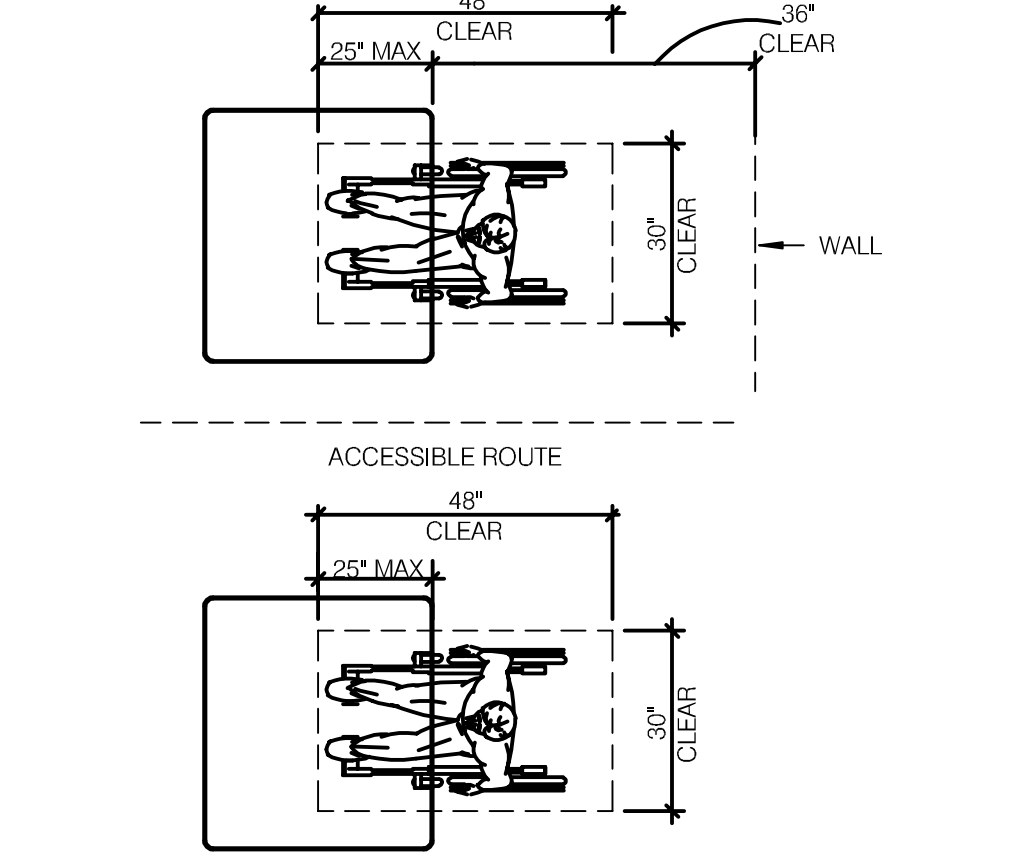
16



CHANGES IN LEVEL

N.T.S.

12



NOTE: MAINTAIN 44" MIN. CLEAR AISLE EGRESS PATHS TO EXIT DOORS

DINING ROOM SEATING CLEARANCES

N.T.S.

8

- INDICATED DIMENSIONS, HEIGHTS, DEPTHS, AREAS AND OTHER GRAPHIC INFORMATION ARE PROVIDED AS MINIMUMS THAT MUST BE MAINTAINED. THESE MINIMUMS ARE BASED UPON YUM STANDARDS AND MAY EXCEED ADA REQUIREMENTS.
- THE DETAILS SHOWN ARE CONCEPTUAL ONLY AND INTENDED TO SHOW ABSOLUTE MINIMUMS AND SHALL BE COORDINATED WITH THE OTHER CONSTRUCTION DOCUMENTS ASSOCIATED WITH THIS PROJECT.
- 60° TURNING SPACE
 - PERMITTED OVERLAP LIMITED TO 1 ARM OF T-SHAPED SPACE
 - CAN OVERLAP FIXTURE & DOOR CLEARANCE
 - DOOR CAN SWING INTO TURNING SPACE A MAXIMUM OF 12"
- RESTROOM IN GENERAL, DOOR SWING MUST BE OUTSIDE OF THE FIXTURE CLEAR FLOOR SPACE HOWEVER A DOOR CAN SWING INTO FIXTURE CLEAR FLOOR SPACE IF WHEELCHAIR SPACE 30"x48" IS PROVIDED BEYOND THE DOOR SWING.
- TOILET ROOM MUST ALLOW FOR SIDE TRANSFER - 42" BETWEEN FIXTURES
- ALL BARRIER FREE SIGNS SHALL BE WHITE ON A BLUE BACKGROUND.

GENERAL NOTES

N.T.S.

4

10/28/22

TACO BELL

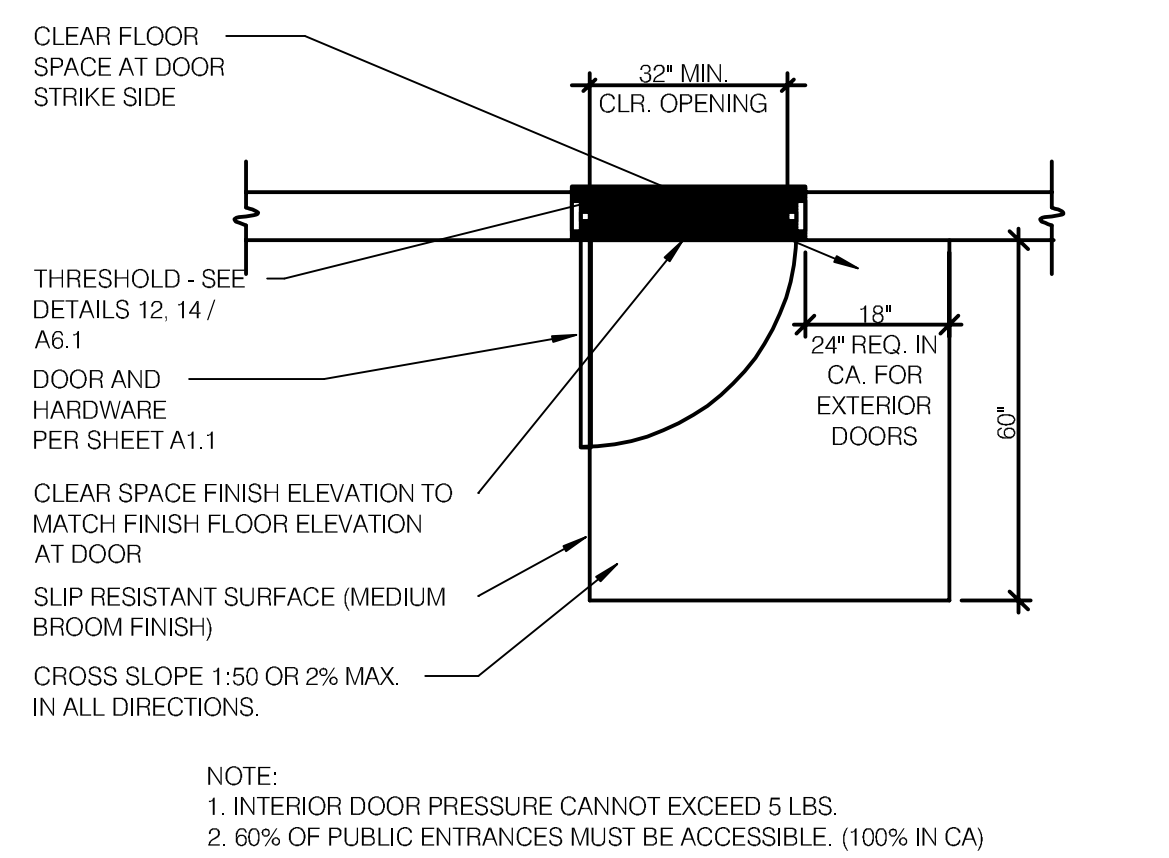
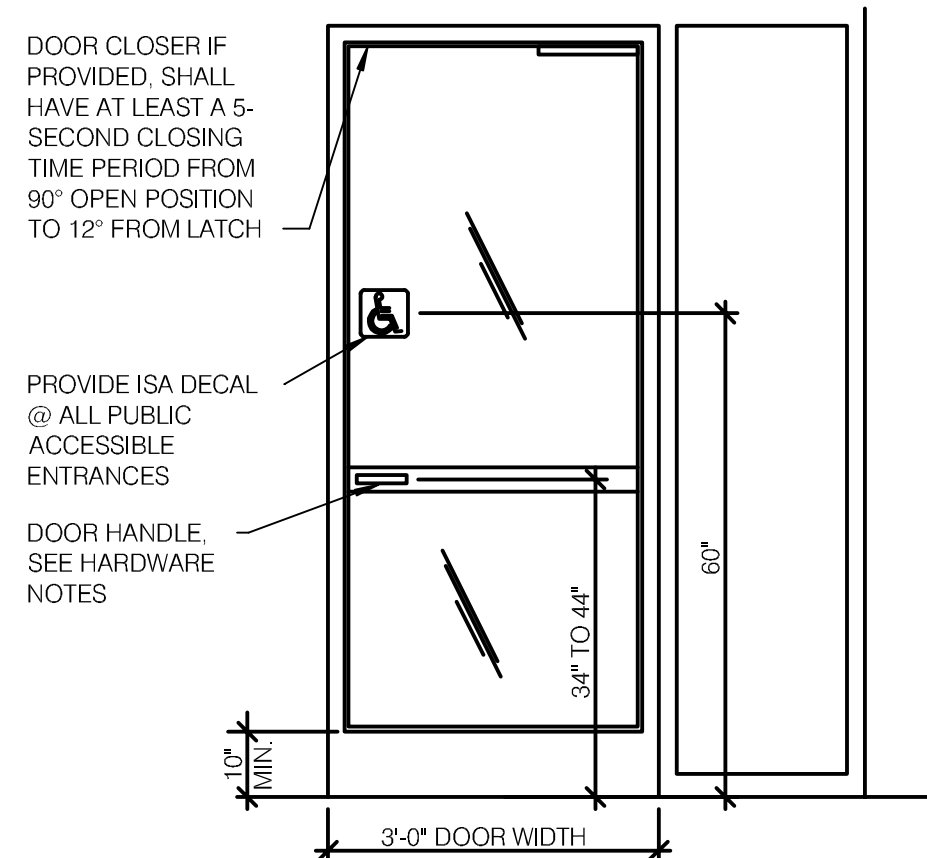
205 ANN ARBOR RD.
PLYMOUTH, MI 48170



ACCESSIBILITY REQUIREMENTS

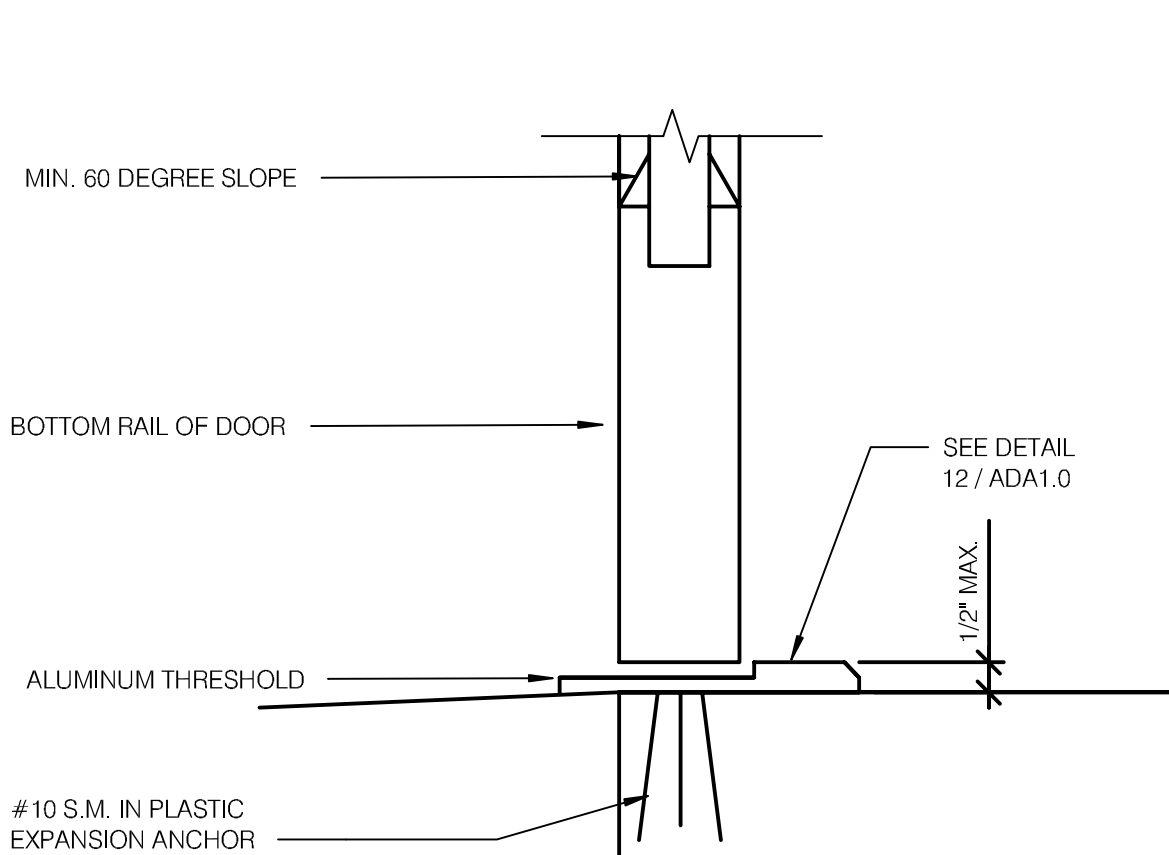
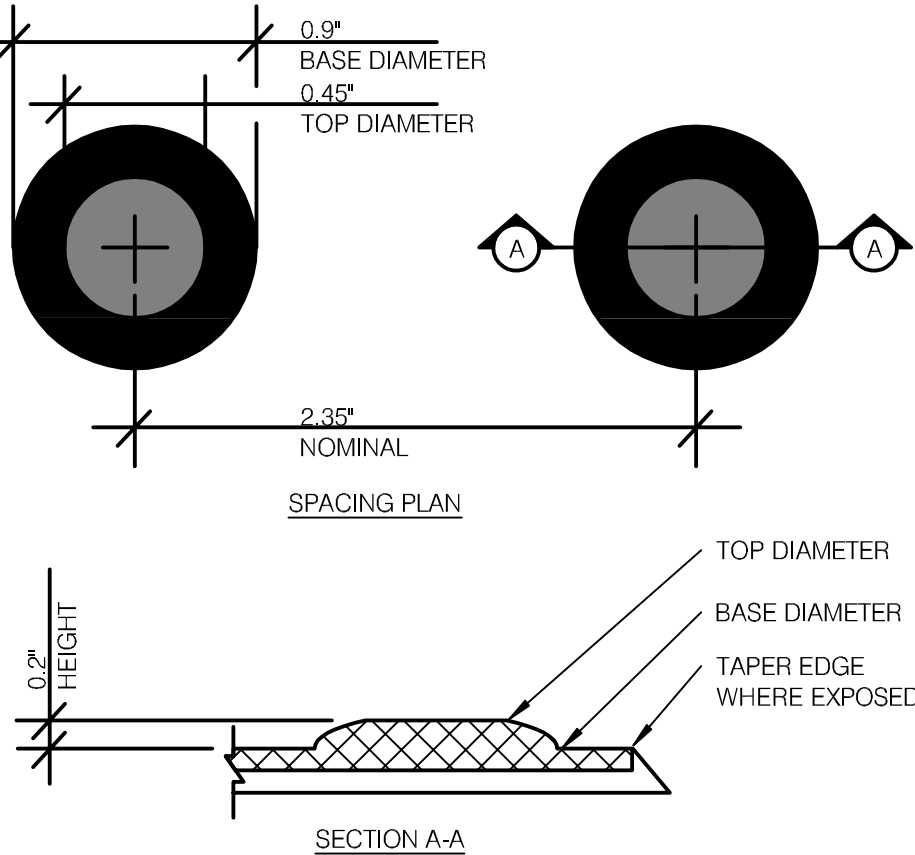
ADA1.0

RS SET ISSUED: 10.27.22



TYP. ENTRANCE / EXIT DOOR 12" = 1'-0" **9**

EXTERIOR DOOR REQUIREMENT 12" = 1'-0" **6**

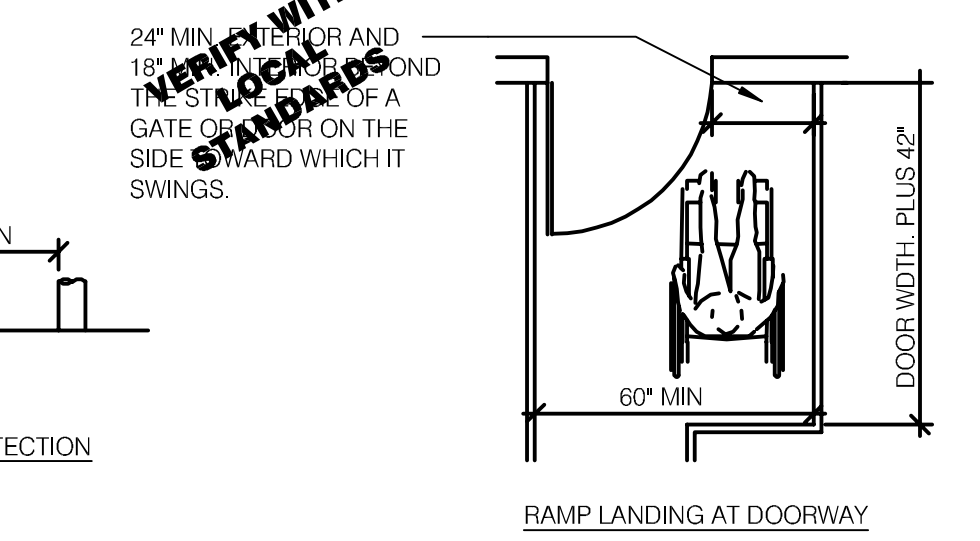
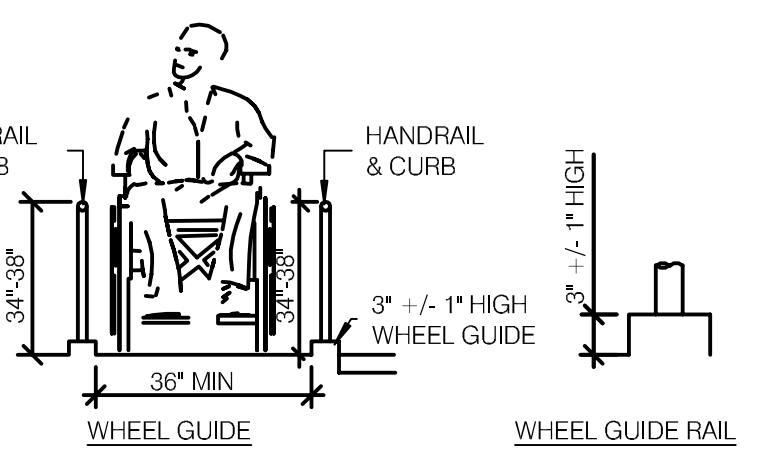
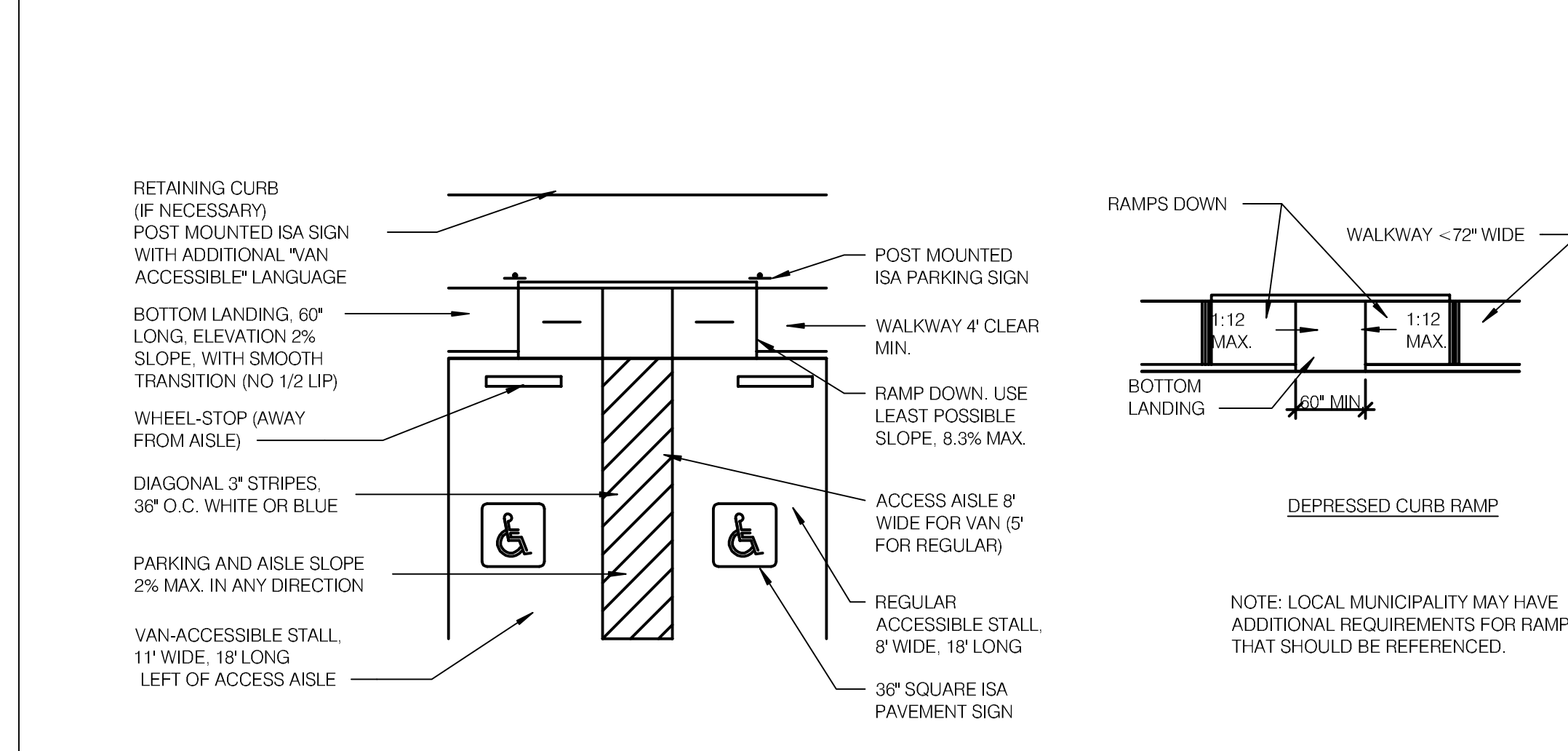
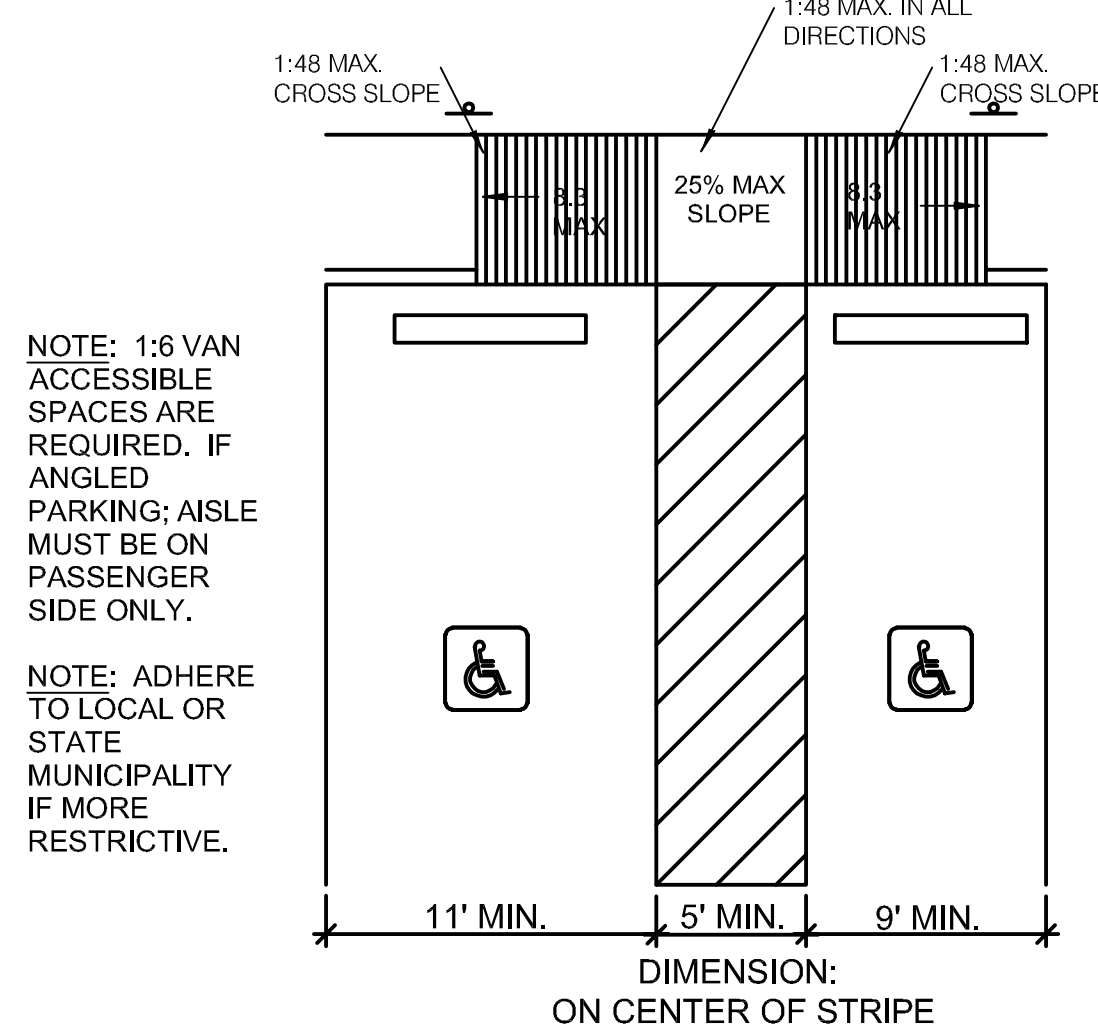
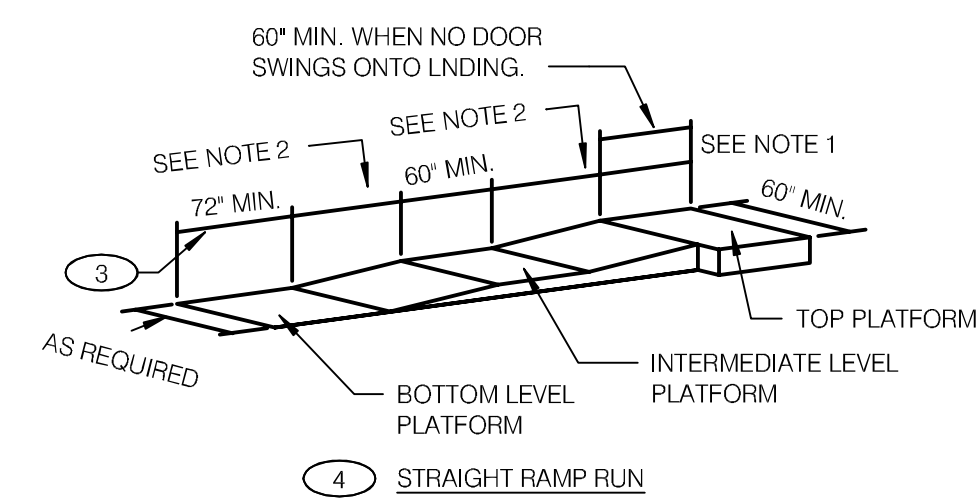
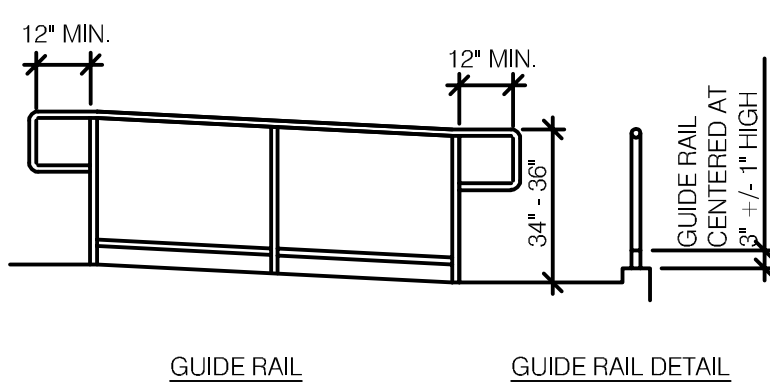
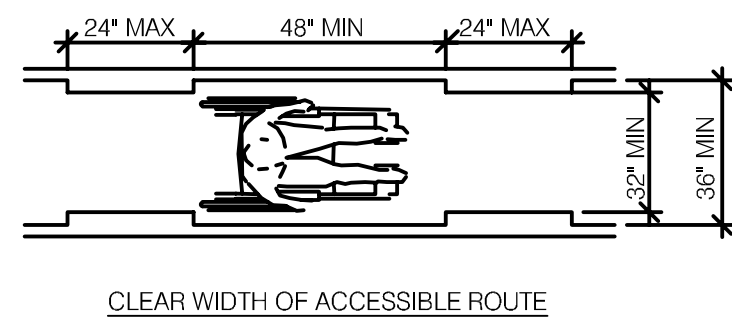


TRUNCATED DOMES 12" = 1'-0" **10**

BOTTOM RAIL (EXTERIOR DOOR) 3" = 1'-0" **7**

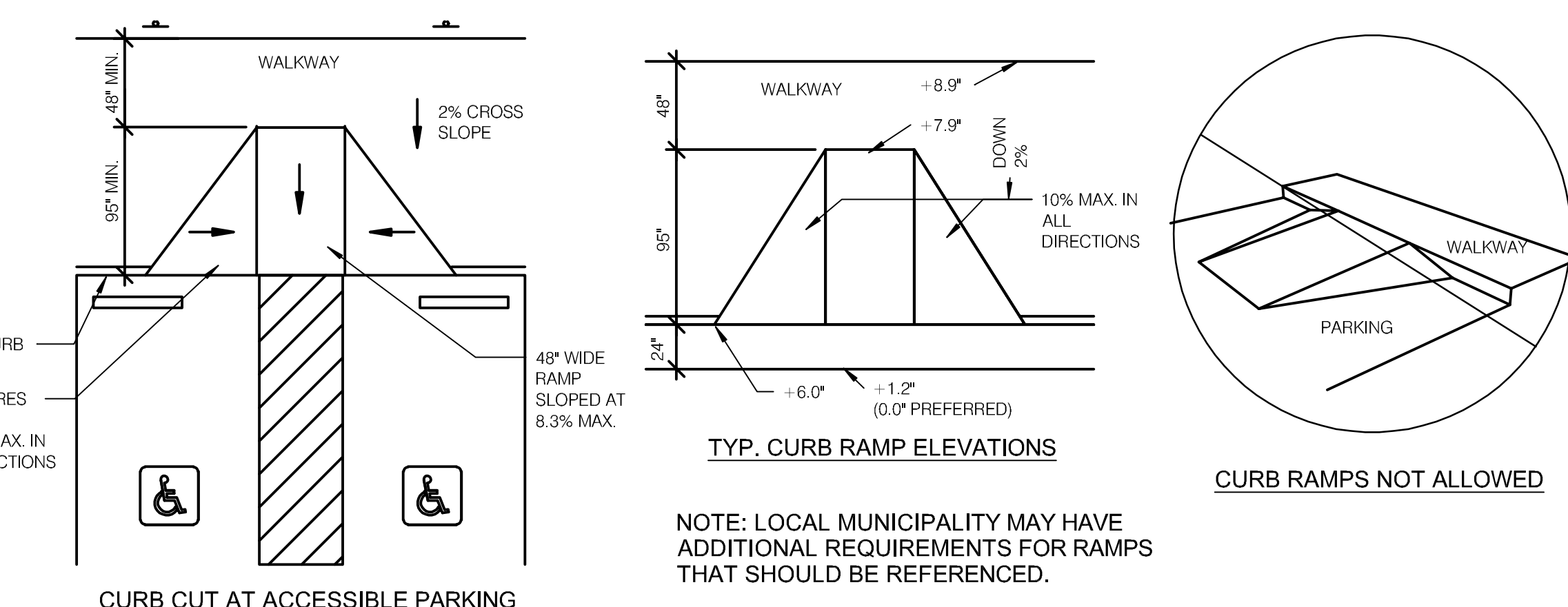
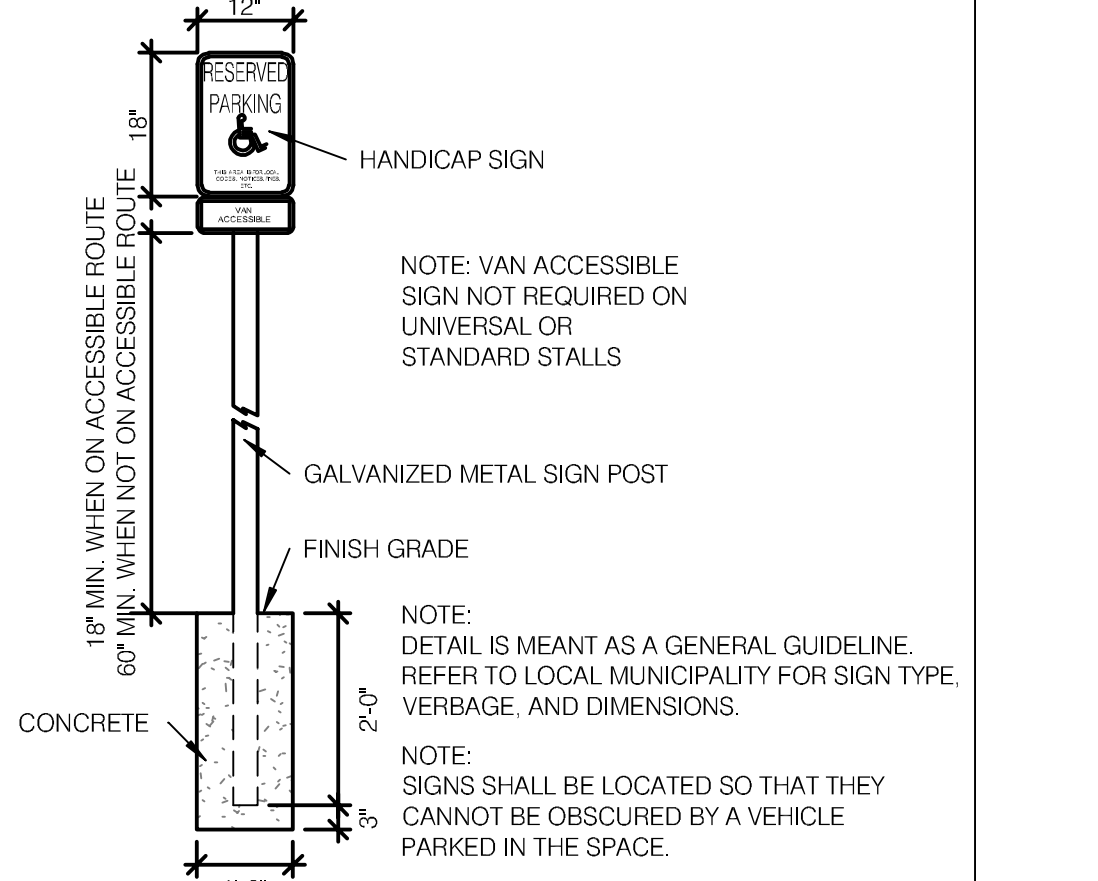
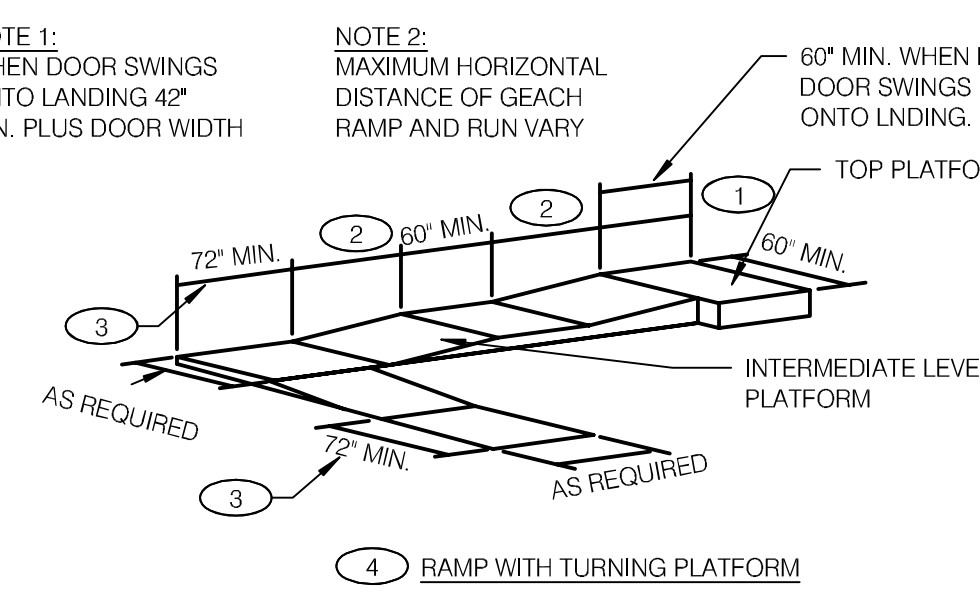
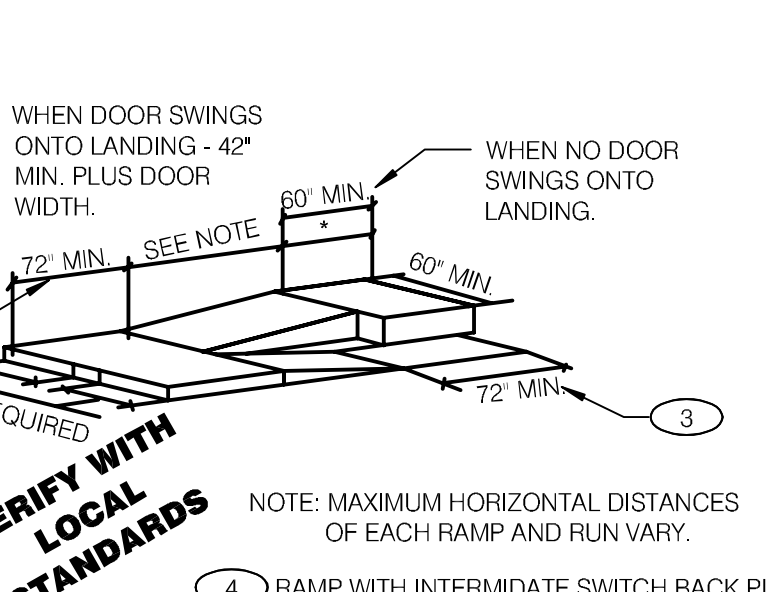
NOT USED **1**

- KEY NOTES**
- 1 WHEN DOOR SWINGS ONTO LANDING 42" MIN. PLUS DOOR WIDTH
 - 2 MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP & RUN VARY
 - 3 72" FOR CALIFORNIA & 60" FOR REST OF COUNTRY
 - 4 HANDRAILS NOT REQUIRED ON WALKING SURFACES WITH RUNNING SLOPES LESS THAN 1:20 SLOPES



ACCESSIBLE PARKING STALL 12" = 1'-0" **4**

CURB RAMPS 12" = 1'-0" **2**



RAMPS N.T.S. **8**

ACCESSIBLE PARKING SIGN 12" = 1'-0" **5**

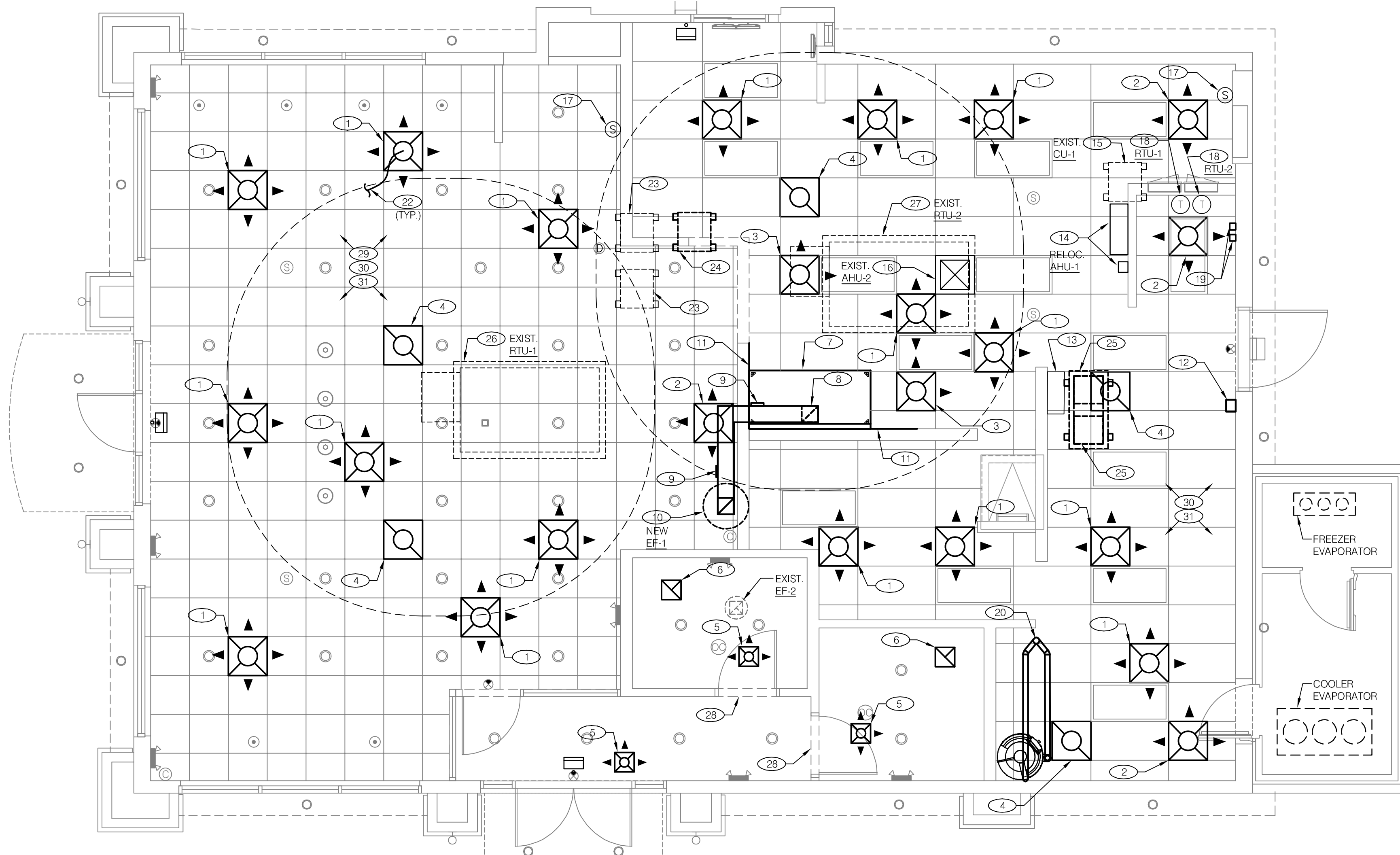
CURB RAMPS 3" = 1'-0" **3**

RE-DISTRIBUTE THE AIR THROUGH ALL DIFFUSERS/GRILLES CONNECTED TO THE RTU SERVING THE KITCHEN AREA AFTER REMOVAL OF EXISTING EXHAUST HOOD AND INSTALLATION OF NEW EXHAUST HOOD/FAN. RE-BALANCE THE RTU AS NEEDED TO MAINTAIN SLIGHTLY POSITIVE AIR PRESSURE IN THE BUILDING.

FOR COMPLETE INFORMATION AND PRICING FOR THE EGER PRODUCTS, CONTACT JOSH DURDEN AT EGER PRODUCTS, INC.

TOLL-FREE PHONE: 1-877-265-9925
 PHONE: (513) 753-4200 EXT. 109 FOR JOSH
 OR (513) 753-4200 EXT. 102 FOR KRISTIE
 EMAIL: josh@egerproduct.com
 or kristie@egerproducts.com

- ANY FRAMING REQUIRED FOR DIFFUSER INSTALLATION IN HARD CEILING SHALL BE BY THE GENERAL CONTRACTOR.
- INSTALLATION SHALL CONFORM TO THE ENERGY CONSERVATION DESIGN MANUAL STANDARDS FOR NEW NON-RESIDENTIAL BUILDINGS.
- ALL WORK AND MATERIALS SHALL COMPLY WITH GOVERNING CODES, SAFETY ORDERS AND REGULATIONS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS, FEES, AND INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES.
- CONTRACTOR PROVIDES CONDUIT FOR LINE AND LOW VOLTAGE WIRING. LINE VOLTAGE WIRING SWITCHES, DISCONNECTS, CIRCUIT BREAKERS, FINAL CONNECTIONS, AND ITEMS INDICATED THUS (E).
- ANY EQUIPMENT THAT IS SUBSTITUTED SHALL FIT IN THE SPACE PROVIDED, WITH ADEQUATE ROOM FOR SERVICING. INCLUDING SUBSTITUTE EQUIPMENT NAMED IN THE SPECIFICATIONS, CONTRACTOR SHALL SUBMIT A 1/4" SCALE DRAWING OF ALL EQUIPMENT SUBSTITUTED FOR APPROVAL PRIOR TO INSTALLATION.
- HVAC UNITS SHALL BE MOUNTED LEVEL. VERIFY MTL, CURB AND ROOF SLOPE PRIOR TO LIFTING HVAC UNITS INTO PLACE.
- FINAL HVAC SYSTEM TESTING AND BALANCING SHALL BE PERFORMED BY THE OWNERS INDEPENDENT AGENT. A RETEST IS MANDATORY FOR A FALSE START (I.E. NO POWER UPON AGENTS ARRIVAL, EQUIPMENT NOT WIRED, ETC.) AND SHALL BE A COST INCURRED BY THE G.C. IN THE EVENT A SYSTEM/STORE RECEIVES A GRADE OF 5 OR BELOW AS A RESULT OF THE HVAC (RTU) SYSTEM PERFORMANCE OR OPERATIONAL DEFICIENCIES. TACO BELL WILL REQUEST A RETEST AND THE COST FOR SAME SHALL ALSO BE INCURRED BY THE GENERAL CONTRACTOR.
- ALL BRANCH DUCTS FEEDING INDIVIDUAL DIFFUSERS/GRILLES TO HAVE ACCESSIBLE DAMPERS AT TAKE-OFFS FOR AIR BALANCING.
- PROVIDE ACCESS PANELS AS APPLICABLE TO CEILING AND/OR WALL CONSTRUCTION WHERE NEEDED TO SERVICE AND ADJUST VALVES AND DAMPERS.
- THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN SERVICE ACCESS SPACE IN ACCORDANCE WITH MANUFACTURER, LOCAL CODE & AUTHORITY REQUIREMENTS.
- THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL THE HVAC SYSTEM CONTROLS, INCLUDING LOW VOLTAGE WIRING.
- CONTRACTOR SHALL COORDINATE INSTALLATION OF MECHANICAL WORK WITH ALL OTHER TRADES TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR TO REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.
- CONTRACTOR SHALL PROVIDE ATLANTA SUPPLY CO. (PHONE NUMBER: 800-972-5391) "INSULATION TENT" STOCK #FGB 1/8" FIBERGLASS BACKING (OR EQUAL) FOR NEW EGER PRODUCTS INC. SUPPLY AND RETURN AIR DEVICES.



GENERAL NOTES

E

MARK	CFM	SP	RPM	HP	ELECT	STARTER	ACCESSORIES					MANUFACTURER AND MODEL NUMBER	REMARKS
							DISC	BDD	BIRD SCREEN	V-BELT	D-DIR		
EF-1	1050	0.9	1429	0.5	115/1	-	X	-	-	X	STRATOVENT #SVDU50HFA	1,2,3,4,5,6,7	

- REMARKS:
- UL 782 LISTED (GREASE)
 - FLAT ROOF CURB 19.5" X 19.5" X 26"H, VENTED
 - GREASE CUP WITH DRAIN
 - FACTORY ATTACHED HINGES
 - WEATHERPROOF PRE-WIRED DISCONNECT SWITCH
 - PROVIDE PRE-WIRED SOLID STATE SPEED CONTROLLER
 - PROVIDED BY OWNER WITH HOOD PACKAGE

EXHAUST FAN SCHEDULE

F

AIR BALANCE SCHEDULE CFM

C

ITEM	OA	RA	SA	EA	PRESSURE
NEW EF-1	--	--	--	1050	-1050
EXIST. EF-2	--	--	--	150	-150
EXIST. RTU-1	585	3415	4000	--	+585
EXIST. RTU-2	565	4435	5000	--	+565
EXIST. AHU-1	150	1050	1200	--	+500
TOTAL	1300	8900	10200	1200	+100

DESCRIPTION	AREA (SQ. FT.)	AREA OUTDOOR AIR RATE PER IMC TABLE 403.3 (RA)	AREA OUTDOOR AIR (RaAz)	OCCUPANT LOAD RATE PER IMC TABLE 403.3 (PEOPLE/1000 SQ.FT.)	OCCUPANCY C x F/1000 (Pz)	OCCUPANT OUTDOOR AIR RATE PER IMC TABLE 403.3 (Rp)	OCCUPANT OUTDOOR AIR (RpPz)	BREATHING ZONE OUTDOOR AIR (Vbz = RpPz + RaAz)	ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez)	ZONE OUTDOOR AIR (Voz = Vbz/Ez)	SUPPLY AIR DESIGN (Vpz)	OUTDOOR AIR FRACTION (Zp = Voz/Vpz)
DINING	417	0.18	75.1	70	29	7.5	218.9	294.0	0.8	367.5	1500	0.24
QUEUE	506	0.12	60.7	15	8	7.5	56.9	117.6	0.8	147.1	1500	0.10
HWY/TLT	234	0.12	28.1	15	0	7.5	0.0	28.1	0.8	35.1	250	0.14
SERVICE	105	0.12	12.6	15	2	7.5	11.8	24.4	0.8	30.5	750	0.04
KITCHEN	905	0.12	108.6	15	14	7.5	101.8	210.4	0.8	263.0	6200	0.04
TOTALS	2167									843.2	10200	0.08
TOTAL REQUIRED OUTDOOR AIR												843
CALCULATIONS BASED ON 2015 INTERNATIONAL MECHANICAL CODE												1

OUTSIDE AIR CALCULATION SCHEDULE

D

MECHANICAL PLAN 1/4"=1'-0"

A

- FURNISH & INSTALL REPLACEMENT SUPPLY AIR DIFFUSER, EGER PRODUCTS INC. "ADVANTAGE" WHITE PLASTIC, SERIES EA3XXW WITH ATLANTA SUPPLY CO. STOCK #FGB INSULATION TENT 1/8" FIBERGLASS BACKING (OR EQUAL). CONNECT TO FLEX DUCT AS REQUIRED. SEE GENERAL NOTE "M". [RI]
- FURNISH & INSTALL REPLACEMENT SUPPLY AIR DIFFUSER, EGER PRODUCTS INC. "ADVANTAGE" WHITE PLASTIC, SERIES EA3XXW WITH 3-WAY BAFFLE AND ATLANTA SUPPLY CO. STOCK #FGB INSULATION TENT 1/8" FIBERGLASS BACKING (OR EQUAL). CONNECT TO FLEX DUCT AS REQUIRED. SEE GENERAL NOTE "M". [RI]
- FURNISH & INSTALL REPLACEMENT SUPPLY AIR DIFFUSER, EGER PRODUCTS INC. "ADVANTAGE" WHITE PLASTIC, SERIES EA3XXW WITH 2-WAY (WC) BAFFLE AND ATLANTA SUPPLY CO. STOCK #FGB INSULATION TENT 1/8" FIBERGLASS BACKING (OR EQUAL). CONNECT TO FLEX DUCT AS REQUIRED. SEE GENERAL NOTE "M". [RI]
- FURNISH & INSTALL REPLACEMENT RETURN AIR GRILLE, EGER PRODUCTS INC. "ADVANTAGE" WHITE PLASTIC, SERIES EFAREC (AVAILABLE IN 6" THRU 18" AND 20"x20" SQUARE NECK). WITH ATLANTA SUPPLY CO. STOCK #FGB INSULATION TENT 1/8" FIBERGLASS BACKING (OR EQUAL). CONNECT TO FLEX DUCT AS REQUIRED. SEE GENERAL NOTE "M". VERIFY QUANTITY PRIOR TO ORDERING. [RI]
- FURNISH & INSTALL REPLACEMENT SUPPLY AIR DIFFUSER, EGER PRODUCTS INC. "ADVANTAGE" WHITE PLASTIC, SERIES EA3XXW 12"x12" WITH 3-WAY BAFFLE AND ATLANTA SUPPLY CO. STOCK #FGB INSULATION TENT 1/8" FIBERGLASS BACKING (OR EQUAL). CONNECT TO FLEX DUCT AS REQUIRED. SEE GENERAL NOTE "M". [RI]
- FURNISH & INSTALL REPLACEMENT EXHAUST GRILLE, EGER PRODUCTS INC. "ADVANTAGE" WHITE PLASTIC, SERIES EAPERFSM-12X12, WITH ATLANTA SUPPLY CO. STOCK #FGB INSULATION TENT 1/8" FIBERGLASS BACKING (OR EQUAL). PROVIDE MOUNTING FRAME TO ALLOW INSTALLATION IN GYPSUM BOARD AND LAY-IN CEILING. CONNECT TO FLEX DUCT AS REQUIRED. SEE GENERAL NOTE "M". [RI]
- NEW EXHAUST HOOD. SEE HOOD DRAWINGS. [RI]
- 10X10 EXHAUST DUCT. TRANSITION TO EXHAUST CONNECTION AT HOOD. ROUTE EXHAUST DUCT IN TRUSS SPACE TO ROOF-MOUNTED EXHAUST FAN EF-1. SEE HOOD DETAILS ON DRAWING M2.0. SEE DETAIL 13 ON SHEET M3.0 FOR DUCTWORK FIRE WRAP. SEE DETAIL 18 ON SHEET M3.0 FOR EXHAUST DUCT TRANSITION. [RI]
- PROVIDE "PENETRATOR" GREASE DUCT CLEAN-OUT ACCESS DOOR MANUFACTURED BY FLAME GARD, INC. (OR EQUIVALENT) IN ACCORDANCE WITH 2018 NC MECHANICAL CODE SECTION 506.3.9. ACCESS DOOR TO HAVE 5"X5" OPEN AREA ON THE BOTTOM SIDE OF THE DUCT. OPENINGS IN DUCT SHALL CONFORM TO CODE REQUIREMENTS, AND SHALL BE ALLOW COMPLETE AND THOROUGH CLEANING OF DUCT SYSTEM. [RI]
- NEW ROOF-MOUNTED EXHAUST FAN EF-1. SEE HOOD DRAWINGS. LOCATE TO MAINTAIN MINIMUM 10'-0" CLEARANCE FROM ANY OUTDOOR AIR INTAKE. [RI]
- 20-GAUGE STAINLESS STEEL SHEET METAL FLASHING, EXTENDING FROM FLOOR TO 18" ABOVE AND 18" BEYOND EACH SIDE OF THE TYPE I HOOD, OVER THE WALL COVERING, FOR A REDUCTION TO 0" CLEARANCE TO COMBUSTIBLES. [RI]
- CONTRACTOR SHALL LOCATE ANSUL MANUAL PULL STATION AS SHOWN 10-20 FEET AWAY FROM HOOD. MOUNT AT 48" A.F.F. COORDINATE LOCATION WITH ELECTRICAL CONTRACTOR. [RI]
- ANSUL CABINET SHOWN FOR REFERENCE. [RI]
- EXISTING WALL MOUNTED AIR HANDLING UNIT AND CONDENSATE PUMP PART OF MINI-SPLIT SYSTEM TO BE RELOCATED AS SHOWN. PROVIDE NEW REFRIGERANT PIPING AS REQUIRED. INSTALL AIR HANDING UNIT AS PER MANUFACTURER'S INSTRUCTION. FIELD VERIFY LOCATION. [RI]
- EXISTING CONDENSING UNIT OF MINI-SPLIT SYSTEM TO REMAIN AND SHOWN FOR REFERENCE. PROVIDE NEW REFRIGERANT PIPING AS REQUIRED. FIELD VERIFY LOCATION. [RI]
- EXISTING CEILING MOUNTED VRF UNIT PART OF MINI-SPLIT SYSTEM TO BE RELOCATED AS SHOWN. REWORK REFRIGERANT PIPING AS REQUIRED. INSTALL UNIT AS PER MANUFACTURER'S INSTRUCTION. FIELD VERIFY LOCATION. [RI]
- EXISTING TEMPERATURE SENSOR RELOCATED WHERE SHOWN. EXTEND SUPPLY WIRING AS REQUIRED. FIELD VERIFY LOCATION. [RI]
- EXISTING THERMOSTAT TO BE RELOCATED AS SHOWN IN OFFICE AREA. EXTEND SUPPLY WIRING AS REQUIRED. FIELD VERIFY LOCATION. [RI]
- EXISTING SMOKE DETECTOR TEST STATION TO BE RELOCATED AS SHOWN IN OFFICE AREA. EXTEND SUPPLY WIRING AS REQUIRED. FIELD VERIFY LOCATION. [RI]
- FURNISH AND INSTALL 3" PVC WATER HEATER INTAKE AND FLUE VENT FROM WATER HEATER TO CONCENTRIC VENT THRU ROOF. INSTALL AS PER MANUFACTURER'S DIRECTION. VENT DISCHARGE SHALL BE AT LEAST 10'-0" AWAY FROM ANY OUTSIDE AIR INTAKE AND AWAY FROM ANY ROOF CRICKETS. ADJUST DISCHARGE LOCATION AS REQUIRED. [RI]
- NOT USED.
- PROVIDE NEW FLEX DUCT WITH 2" THICK (3/4 LB. DENSITY) EXTERNALLY INSULATED WITH AN INSTALLED VALUE OF R-6.0 AS REQUIRED FOR ALL NEW SUPPLY DIFFUSERS AND RETURN AIR GRILLES. CONNECTIONS BETWEEN DUCT AND DIFFUSERS SHALL BE AIR DUCT LISTED BY UNDERWRITERS LABORATORIES UNDER UL STANDARD 101 AS A CLASS 1 FLEXIBLE AIR DUCT AND COMPLYING WITH NFPA STANDARDS 90A AND 90B. [RI]
- EXISTING CONDENSING UNIT FOR DINING ROOM AND DRIVE THRU RELOCATED ICE MACHINE TO REMAIN AND SHOWN FOR REFERENCE. FIELD VERIFY LOCATION. [RI]
- NEW CONDENSING UNIT FOR FROZEN BEVERAGE DISPENSER. INSTALL ON EQUIPMENT SUPPORT RAILS ON ROOF. ADJUST CONDENSING UNIT LOCATION AS REQUIRED. [RI]
- NEW CONDENSING UNIT FOR WALK-IN COOLER/FREEZER ADDITION. MOUNT ON FIELD-FABRICATED PLATFORM WHERE SHOWN. LEVEL PLATFORM AND ROOF PENETRATIONS BY GENERAL CONTRACTOR. [RI]
- EXISTING LENNOX 10 TON ROOFTOP UNIT. MODEL LGH120H4BHY3 SERIAL NUMBER 5618F03028 TO REMAIN AND REUSED. SHOWN FOR REFERENCE. FIELD VERIFY LOCATION AND CONDITION. [RI]
- LENNOX 12.5 TON ROOFTOP UNIT. MODEL LGH150H4BHY1 SERIAL NUMBER 5618F03670 TO REMAIN AND BE REUSED. SHOWN FOR REFERENCE. FIELD VERIFY LOCATION AND CONDITION. [RI]
- ENSURE DOOR UNDERCUT FOR TRANSFER AIR. [RI]
- CONTRACTOR SHALL PAINT DIFFUSERS AND GRILLES IN DINING ROOM TO MATCH ADJACENT CEILING. REFER TO ARCHITECTURAL DRAWINGS FOR INFORMATION. [RI]
- EXISTING SUPPLY/RETURN DUCTWORK TO REMAIN. FIELD VERIFY CLEAN. PROVIDE GENERAL MAINTENANCE, AND PROPER WORKING CONDITION AS REQUIRED. [RI]
- EXISTING EXHAUST HOOD WITH SUPPLY AIR PLENUM, AND ASSOCIATED ROOF-MOUNTED EXHAUST FAN, SUPPLY FAN, SUPPLY/EXHAUST DUCTWORK, AND FLEX DUCT TO BE REMOVED. DISPOSE OF AS PER TACO BELL CONSTRUCTION MANAGERS DIRECTION. [RI]

KEY NOTES

B

ARCVISION
 INCORPORATED
 ARCHITECTURE • ENGINEERING • STORE PLANNING
 SAINT LOUIS / DALLAS / LAS VEGAS / ORLANDO
 1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
 PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com



10/28/22

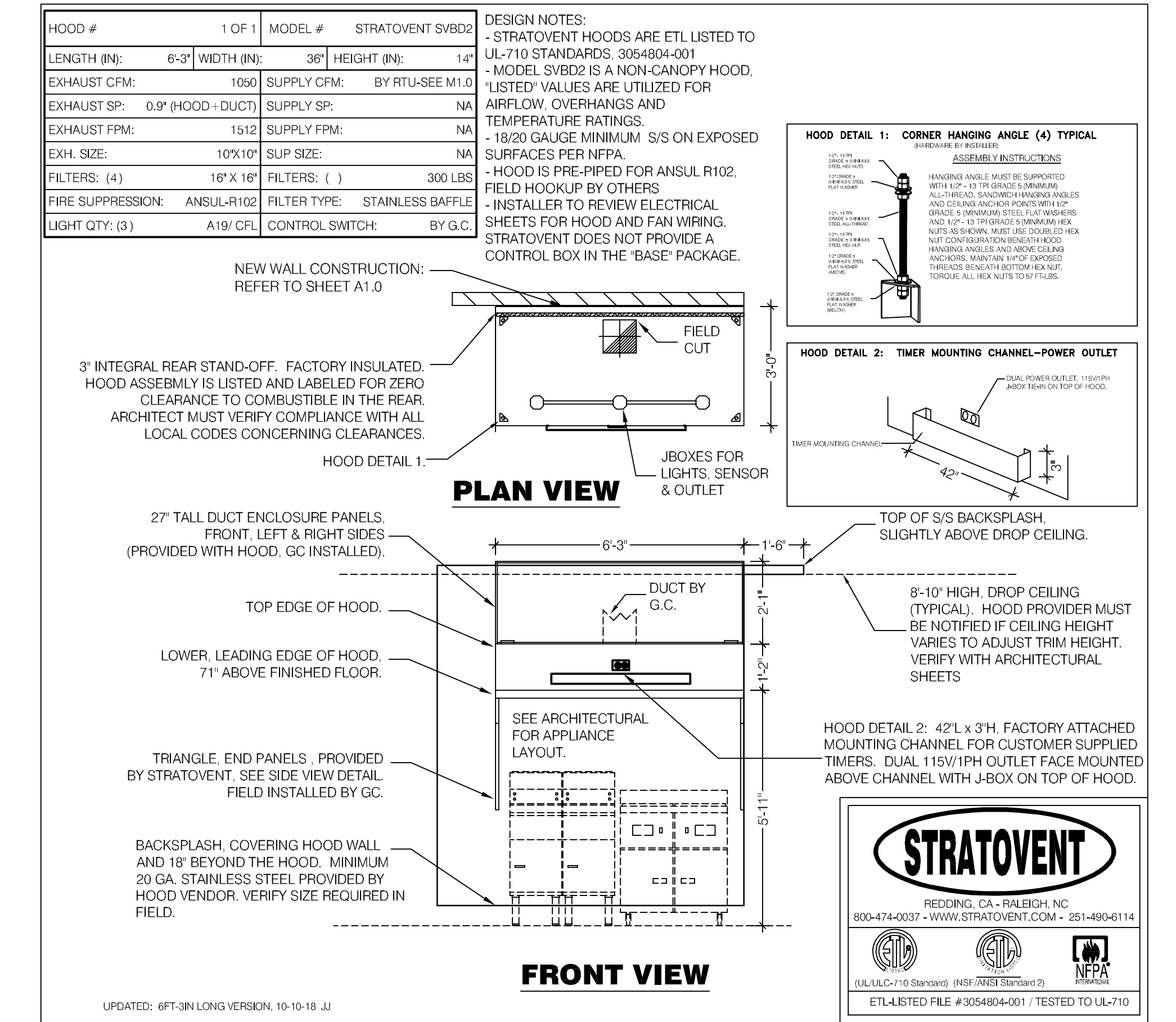
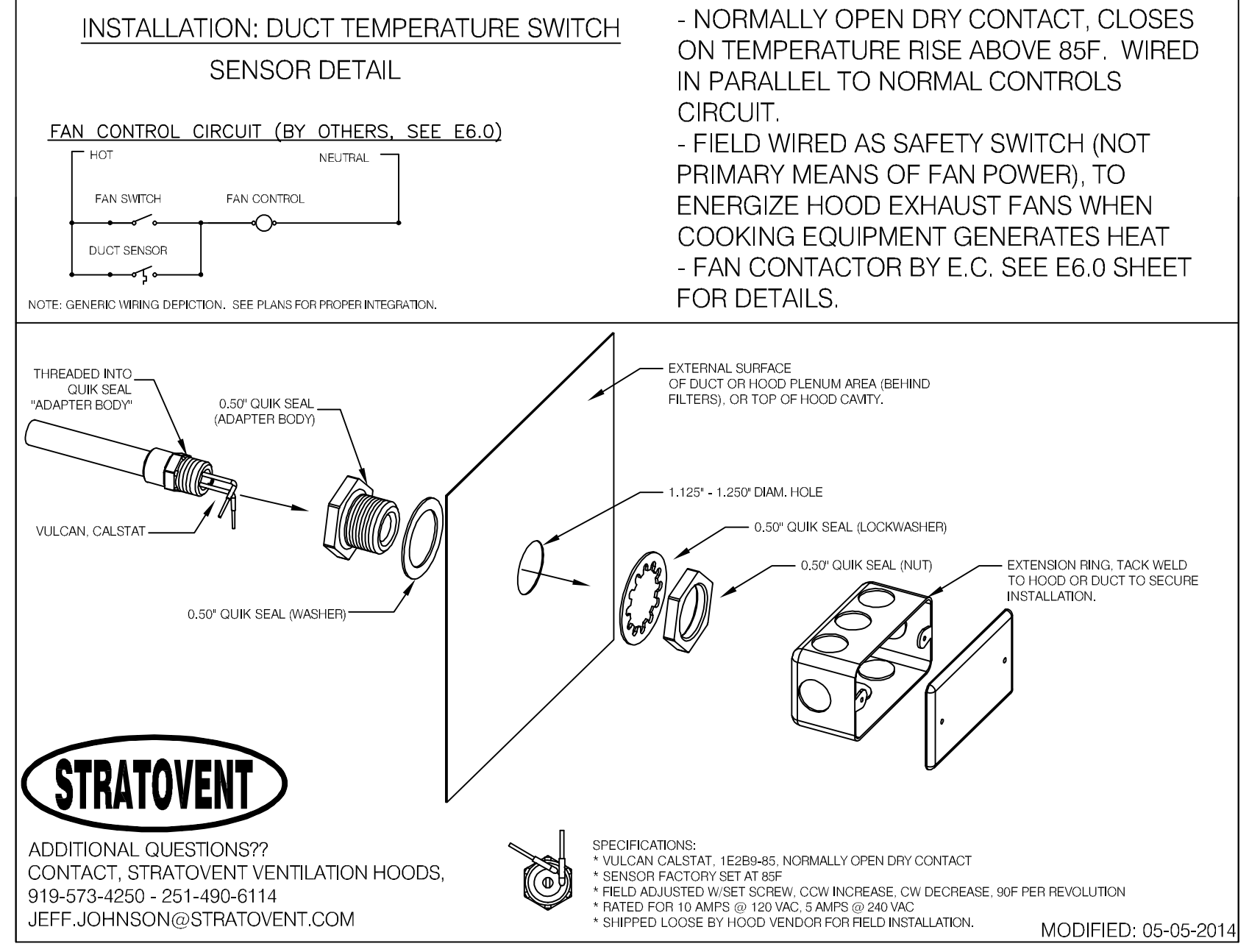
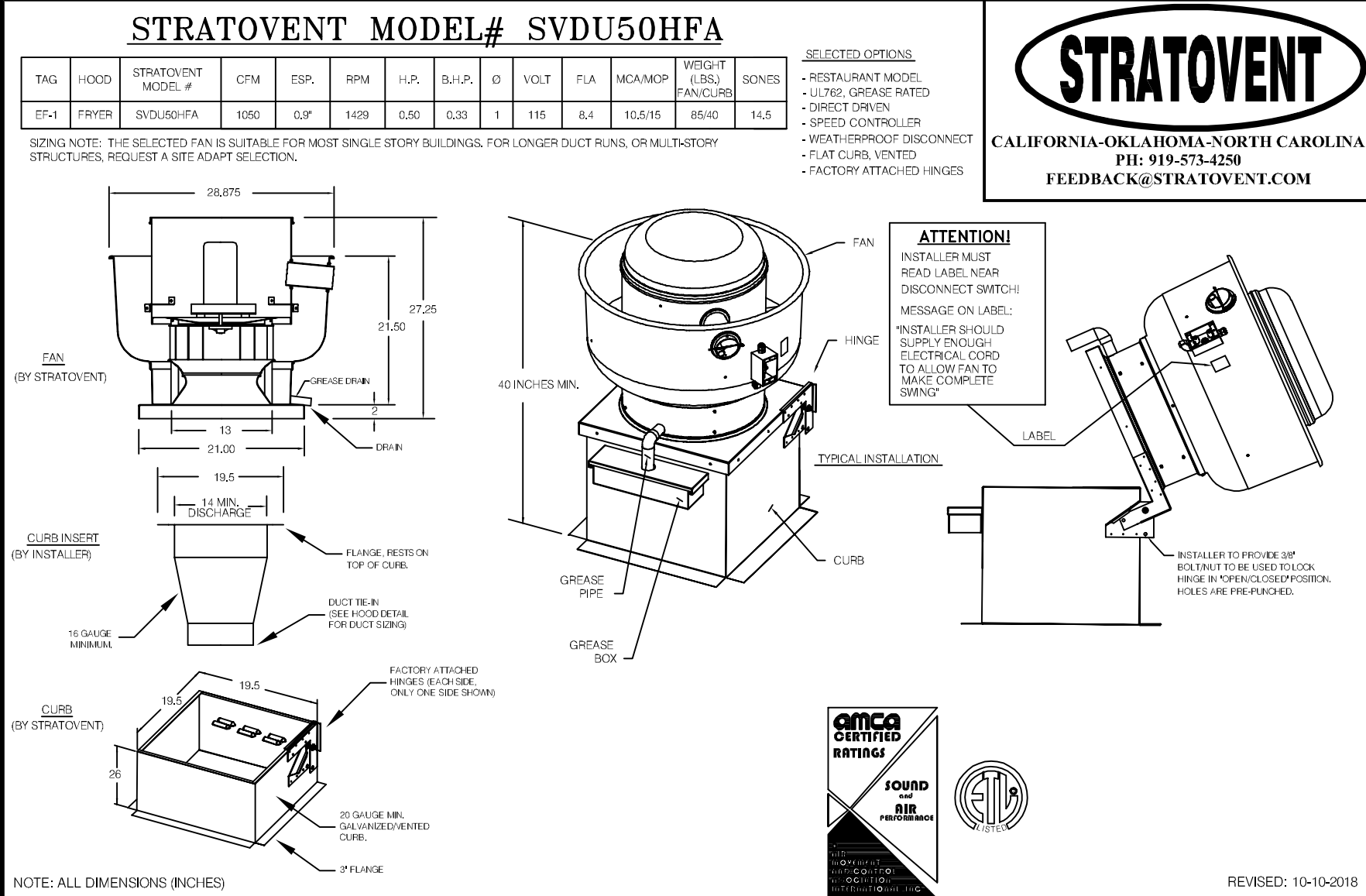
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 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WACHO
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL
 205 ANN ARBOR RD.
 PLYMOUTH, MI 48170



MECHANICAL PLAN

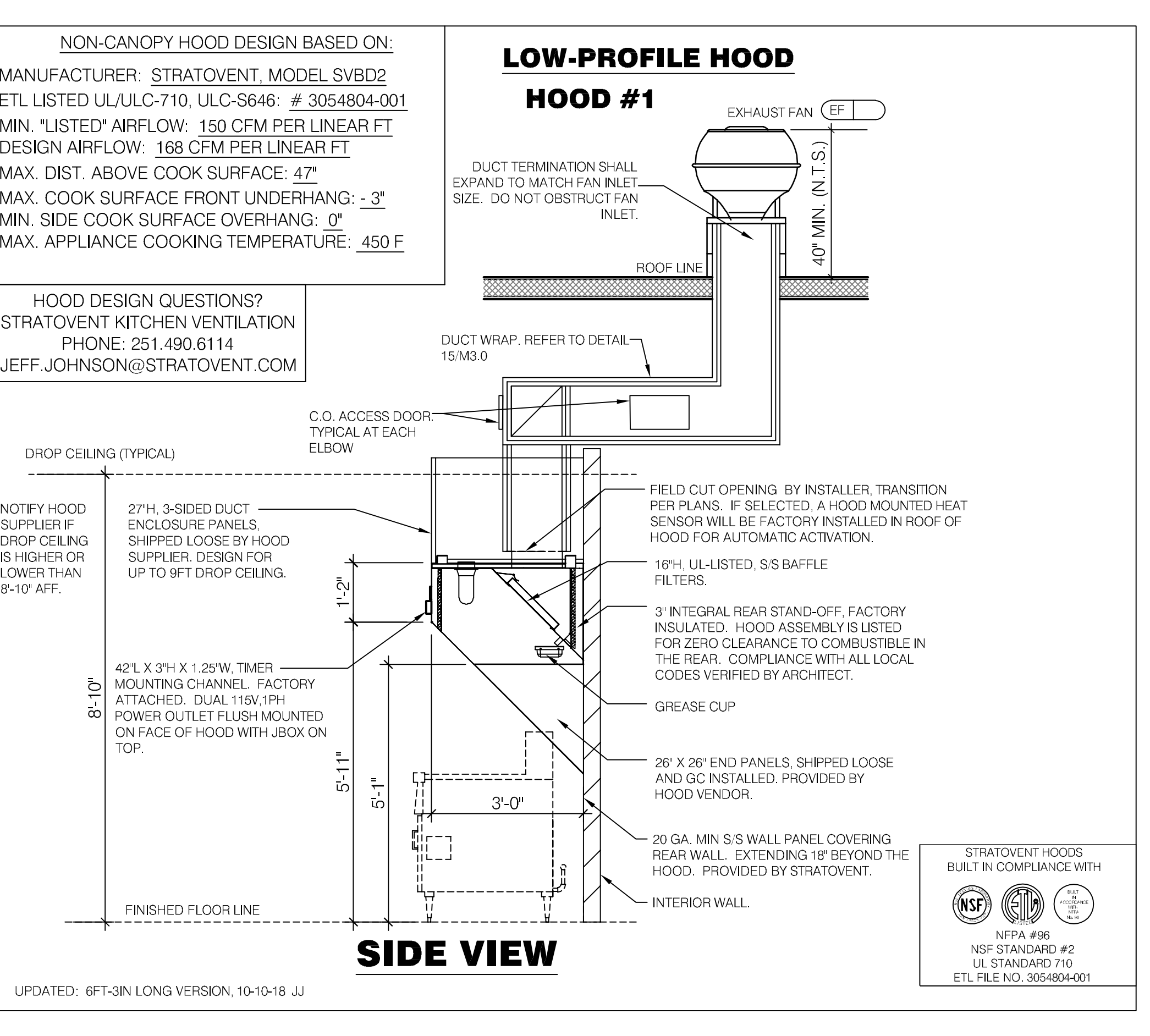
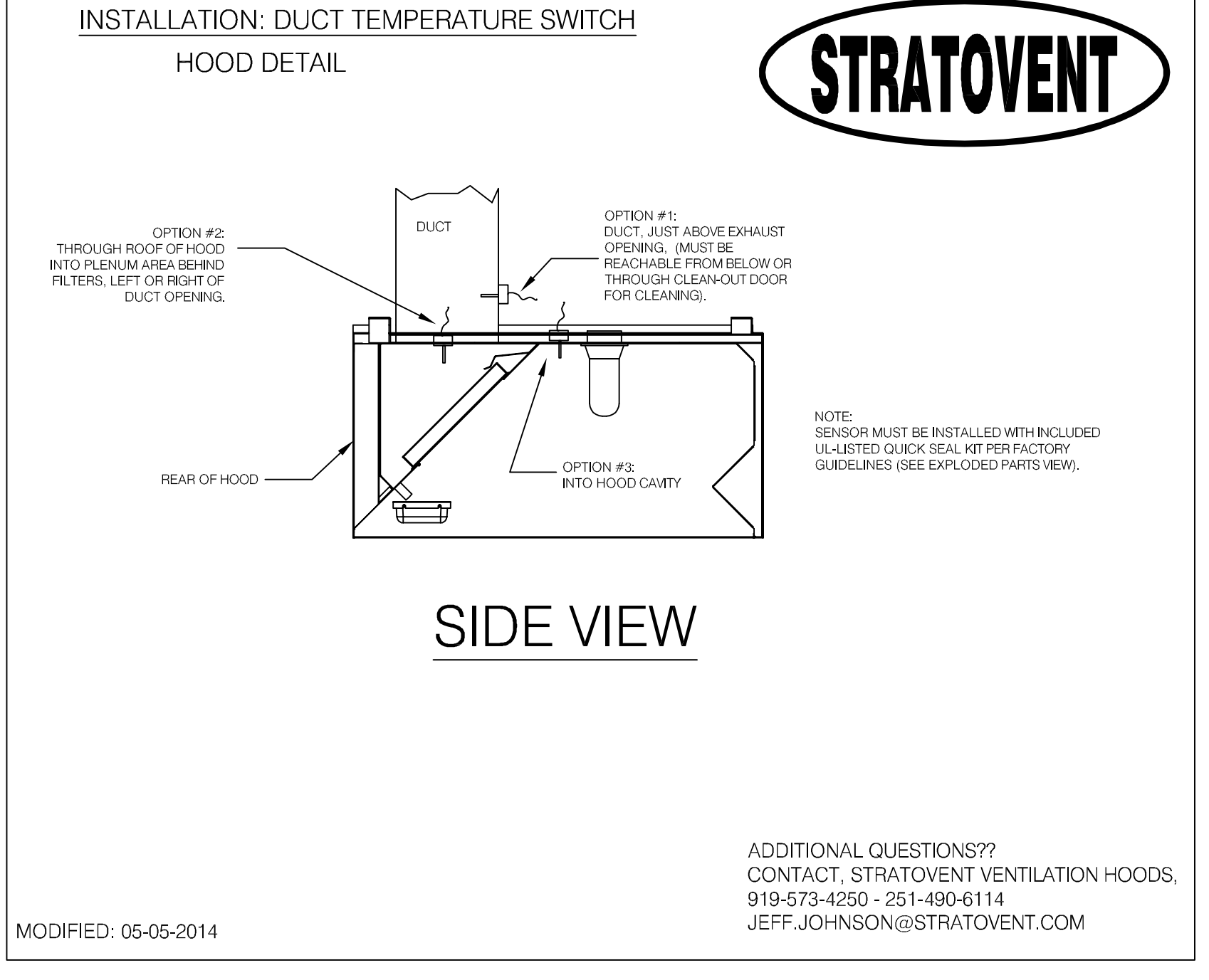
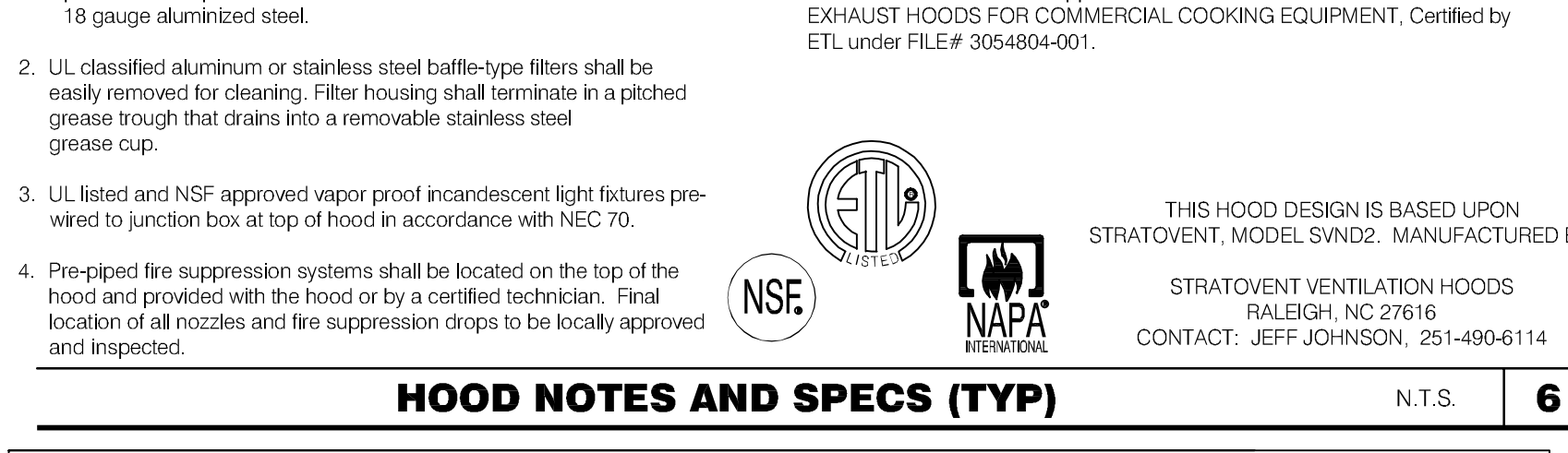
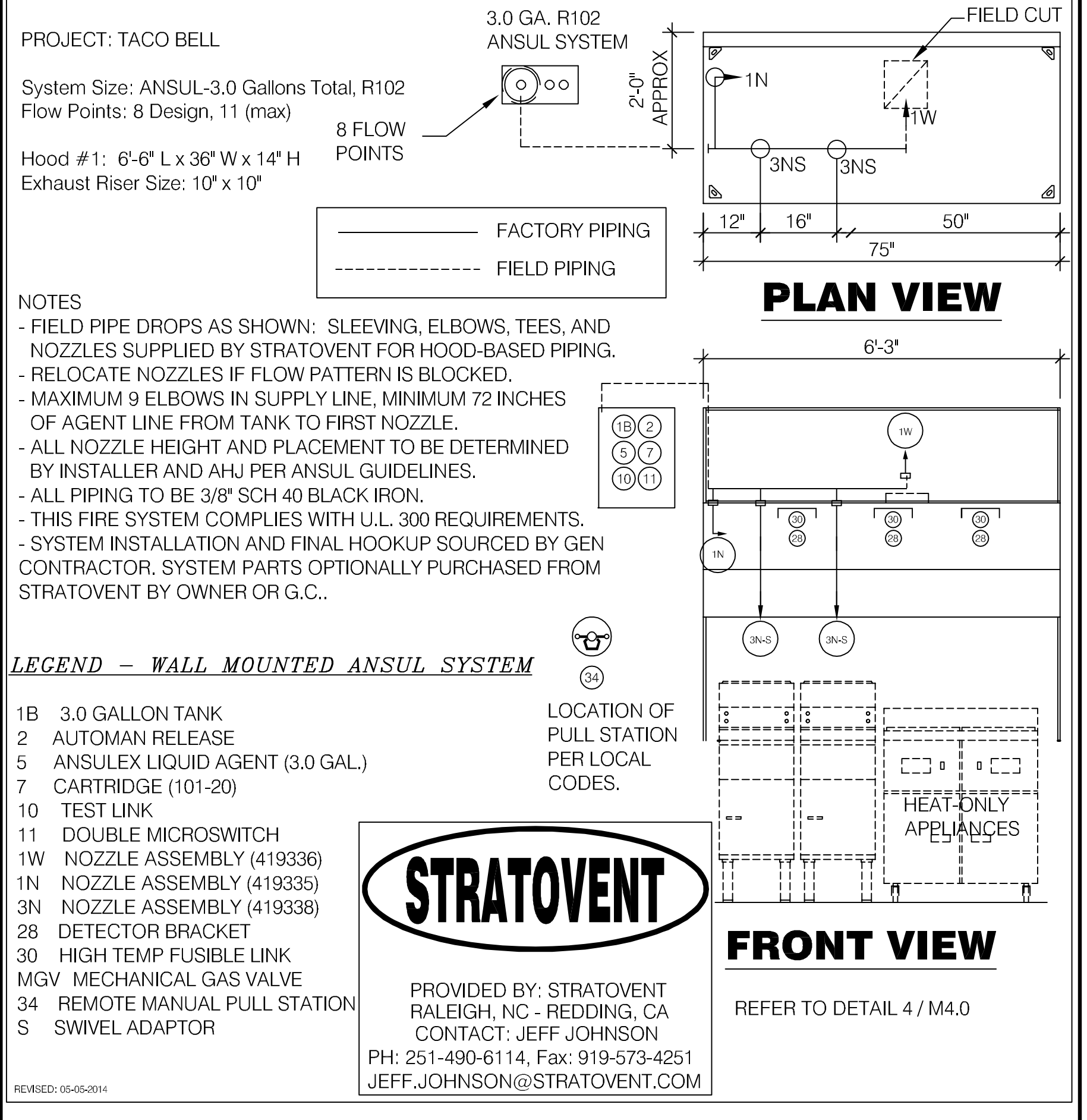
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TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN N.T.S. **14**

HEAT SENSOR ATTACHMENT N.T.S. **10**

TACO BELL HOOD DETAIL N.T.S. **2**



TACO BELL HOOD FIRE SUPPRESSION SCHEDULE N.T.S. **16**

HEAT SENSOR LOCATION N.T.S. **12**

TACO BELL HOOD SECTION N.T.S. **4**

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1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
 PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com

ROBERT J. JOHNSON
 REGISTERED PROFESSIONAL ENGINEER
 No. 6201056088

10/28/22

TACO BELL

205 ANN ARBOR RD.
 PLYMOUTH, MI 48170

MAJOR HOOD DRAWINGS PLANS AND SECTIONS M2.0

CONTRACT DATE: BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WACHO
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

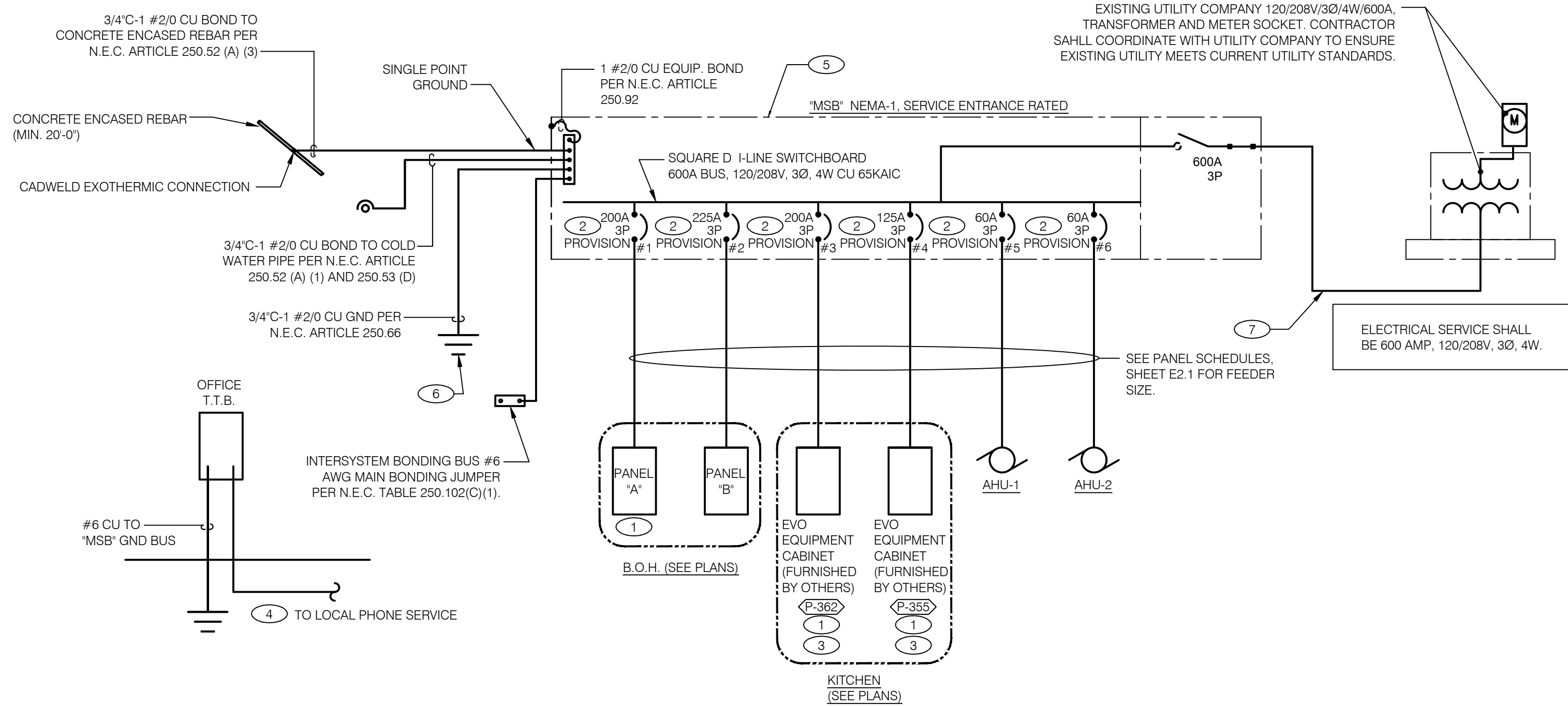
RC SET ISSUED: 10.27.22

NATIONAL ACCOUNT: LIGHTING
SUPPLY STANDARD PACKAGE

CORPORATE AND FRANCHISE DEVELOPMENT

PRIMARY CONTACT: ASHLEY GARNER
PHONE: (877) 707-7378
FAX: (502) 961-0357
EMAIL: agarner@accu-serv.com

BE PREPARED AT TIME OF ORDER OR QUOTE REQUEST TO PROVIDE ALL PROJECT DETAILS REGARDING SPECIFICATIONS AND QUANTITIES AS SITE SPECIFIC DESIGN MAY NOT MATCH PROTOTYPICAL DESIGN.



MINIMUM EQUIPMENT NOTE

CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS. NEW EQUIPMENT INDICATED ON THESE DRAWINGS SHOW THE MINIMUM REQUIREMENTS FOR THE DESIGN OF THIS STORE. EXISTING EQUIPMENT SHALL BE REUSED IF OF ADEQUATE SIZE AND CONDITION. CONTRACTOR SHALL OBTAIN APPROVAL FROM PROJECT REPRESENTATIVE FOR THE REUSE OF EXISTING EQUIPMENT.

EXISTING SERVICE NOTE

E.C. SHALL FIELD VERIFY THAT THE EXISTING ELECTRICAL SERVICE IS OF PROPER SIZE AND CONDITION TO ENSURE SAFE AND CODE COMPLIANT OPERATION FOR THE COMPLETE STORE REQUIREMENTS (INCLUDING ALL NEW WORK AND EXISTING ITEMS TO REMAIN). IF DISCREPANCIES ARISE CONTACT PROJECT REP.

FIRE ALARM NOTE

AS REQUIRED, IT SHALL BE THE GENERAL CONTRACTORS RESPONSIBILITY TO ENGAGE THE SERVICES OF AN APPROVED FIRE ALARM CONTRACTOR. THE FIRE ALARM CONTRACTOR SHALL BE REQUIRED TO PROVIDE DRAWINGS, SPECIFICATIONS & INSTALLATION ACCORDING TO MUNICIPALITIES GUIDELINES. FIRE ALARM SERVICE MAY ALSO INCLUDE PROVIDING FIRE ALARM MONITORING TO BUILDING'S INSTALLED FIRE ALARM CONTROL SYSTEM. FIRE ALARM CONTRACTOR TO PROVIDE COMPATIBLE DEVICES & ALL BRACING, WIRING, ETC. COORDINATE WITH SPRINKLER CONTRACTOR FOR DETAILS.

ACCOUNTS VENDOR LIST

E

SINGLE LINE DIAGRAM

A

	2X4 LIGHT FIXTURE	NL	NIGHT LIGHT		CONNECTION TO EQUIPMENT
	2X4 LIGHT FIXTURE WITH BATTERY PACK		CEILING MOUNTED SPEAKER		BRANCH CIRCUIT HOMERUN TO PANEL
	1X4 LIGHT FIXTURE		WALL MOUNTED SPEAKER		DISCONNECT SWITCH SEE NOTE FOR TYPE
	1X4 LIGHT FIXTURE WITH BATTERY PACK		JUNCTION BOX		PHOTOCELL
	DOWNLIGHT FIXTURE		WALL MOUNTED JUNCTION BOX		RAIN SENSOR
	SUSPENDED DOWNLIGHT FIXTURE		TELEPHONE OUTLET		WALL MOUNT LIGHT FIXTURE
	PENDANT MOUNTED LIGHT FIXTURE		DEDICATED GROUNDED OUTLET		EMERGENCY LIGHT
	TRACK MOUNTED PENDANT LIGHT FIXTURE		DUPLEX GROUNDED OUTLET		SINGLE POLE, SINGLE THROW TOGGLE SWITCH W/ PILOT LIGHT
	DIRECTIONAL FIXTURE		DOUBLE DUPLEX GROUNDED OUTLET		DIMMER SWITCH WITH SEPARATE MANUAL ON/OFF
	DIRECTIONAL FIXTURE, TRACK MOUNTED TO UNDERSIDE OF INTERIOR CANOPY		GROUND FAULT DUPLEX OUTLET		RELAY
	COOLER FIXTURE		FLUSH MOUNTED CEILING DUPLEX GROUND FAULT OUTLET		CONDUIT RUN, UNDERGROUND
	EXIT SIGN (WALL MOUNTED)		GROUND FAULT DUPLEX W/ BOTTOM HALF SWITCHED		SMOKE DETECTOR
	EXIT SIGN (CEILING MOUNTED)		CEILING DUPLEX OUTLET		EXTERIOR WALL FIXTURE
	SECURITY STROBE		FLUSH MOUNTED CEILING DUPLEX ISOLATED GROUND OUTLET		EXTERIOR DECORATIVE WALL FIXTURE
			DUPLEX ISOLATED GROUND OUTLET		WEATHERPROOF GROUND FAULT
			DOUBLE DUPLEX ISOLATED GROUND OUTLET		
			SINGLE ISOLATED GROUND		
			SPECIAL PURPOSE OUTLET		
			CEILING SPECIAL PURPOSE OUTLET		
			ELECTRICAL PANEL, SEE SHEET E2.1 FOR PANEL SCHEDULE.		
			HOLD UP EMERGENCY BUTTON		
			ELECTRICAL MOTOR		
			DUCT MOUNTED SMOKE DETECTOR		

ELECTRICAL LEGEND

D

- SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT
- ALL WIRING SHOWN AS COPPER TYPE 'THHN/THWN' FEEDERS FROM UTILITY TRANSFORMER TO MSB AND TO INTERIOR PANELS MAY BE ALUMINUM IF ALLOWED BY AH-J. ADJUST FEEDER SIZES APPROPRIATELY.
- ARMOR CABLE ACCEPTABLE FOR ALL APPLICATIONS WHERE ALLOWED BY LOCAL CODES AS DELINEATED BY N.E.C. 330.10. ALL CONDUIT MUST BE CONCEALED U.N.O..
- PROVIDE SERVICE EQUIPMENT LABELS PER N.E.C. 110.24(A), (B), 110.16.
- ALL CONTRACTORS PRIOR TO BID SUBMISSION PROCESS SHALL VISIT PROPOSED WORK SITE AND FIELD VERIFY ALL EXISTING CONDITIONS. ANY CONDITION THAT DIFFERS FROM THAT SHOWN ON THESE PLANS SHALL BE REPORTED TO THE TENANT'S ARCHITECT/ENGINEER SO THAT NEW AND REVISED BID DRAWINGS OR INFORMATION MAY BE ISSUED. MODIFICATIONS TO THE SCOPE OF WORK WHICH RESULTS FROM THE CONTRACTORS NEGLIGENCE TO VISIT THE SITE PRIOR TO SUBMITTING BID, SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY.

CONTRACTOR NOTE

CONTRACTOR SHALL USE EXISTING SPARE/SPACE OR REUSE EXISTING BRANCH CIRCUITS FOR LIGHTING, POWER AND SIGNAGE REMODEL. NEW/REUSED BRANCH CIRCUIT(S) SHALL MATCH THE MANUFACTURERS PUBLISHED ELECTRICAL CHARACTERISTICS OF PROPOSED EQUIPMENT, AS WELL AS MATCHING THE CHARACTERISTICS OF SOURCE PANEL. WHERE APPLICABLE, CONTRACTOR SHALL PROVIDE ADDITIONAL ELECTRICAL DEVICES NECESSARY FOR COMPLIANCE (E.G. SHUNT-TRIP, OVER-RIDE, ADDITIONAL CONTROL, ETC.). REPLACE BRANCH CIRCUIT(S) IF CHARACTERISTICS DO NOT MATCH REPLACEMENT EQUIPMENT. REUSED EXISTING BRANCH CIRCUIT SUPPLYING MULTIPLE OUTLETS SHALL BE VERIFIED FOR INTEGRITY AND CAPACITY OF ALL EQUIPMENT INSTALLED ON THAT CIRCUIT. ALL EXISTING NEW BRANCH CIRCUITS BEING UTILIZED FOR THIS BUILDING RENOVATION SHALL BE FIELD-VERIFIED FOR INTEGRITY, CAPACITY (80% OF RATED BREAKER) AND SHALL MEET CURRENTLY ADOPTED NATIONAL ELECTRICAL CODE COMPLIANCE AS WELL AS ADDITIONAL REQUIREMENTS CONTAINED IN THESE DOCUMENTS. SEE DEMOLITION DRAWINGS FOR REMOVED EQUIPMENT. ALL NEW CONDUCTORS SHALL BE IN CONDUIT AND CONCEALED IN WALLS OR ABOVE CEILINGS.

GENERAL NOTES

C

KEY NOTES

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ARCVISION
INCORPORATED
ARCHITECTURE • ENGINEERING • STORE PLANNING
SAINT LOUIS / DALLAS / LAS VEGAS / ORLANDO
1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com



10/28/22

CONTRACT DATE:
BUILDING TYPE: N2T-M70HD
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WANCHE
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

TACO BELL

205 ANN ARBOR RD.
PLYMOUTH, MI 48170



ONE-LINE DIAGRAM AND LEGEND

E2.0

RS SET ISSUED: 10.27.22

PANEL		MSB		NEW INSTALL X		FED TOP	
VOLTAGE		120/208		3 PHASE		4 WIRE	
AMP BUS		600		EXIST LOCATION		RELOCATED EXIST	
AMP MAIN		600		A.I.C. RATING		65,000	
OKT #	DESCRIPTION	WATTS	LOAD TYPE	WIRE SIZE	CONDUIT SIZE	WIRE SIZE	CONDUIT SIZE
1	PANEL A	6556	*	4#3/0, 2#6 CU BOND IN 2" C	25880	28232	2
2	PANEL B	19174	*	4#4/0, 1#4 CU BOND IN 2-1/2" C	19118	8050	2
3	PANEL EVO EQUIPMENT DUAL (P-352)	14978	*	4#3/0, 2#6 CU BOND IN 2" C	23878	23324	4
4	RTU-1	3852	H	4#6, 1#10 CU BOND IN 1" C	8665	8665	6
5	RTU-2	3852	H	4#6, 1#10 CU BOND IN 1" C	8665	8665	6
L= LIGHTING/SIGNS		11557	125% =	14446	17857 CONNECTED WATTS		
R= RECEPTACLES		3780	100% =	3780	3.6% BALANCE		
M= MISC		11604	100% =	11604	1. PROVIDE SEPARATE GROUND CONDUCTOR IN ALL CONDUITS		
H= HVAC		32491	100% =	32491	2. PROVIDE BREAKER LOCK DEVICE.		
K= KITCHEN		91269	65% =	59325	3. PROVIDE HACR TYPE CIRCUIT BREAKER.		
LARGEST MOTOR		9012	25% =	2253			
DEMAND WATTS		123899			= 344.2 DEMAND AMPS		

PANEL		EVO EQUIPMENT		NEW INSTALL X		FED TOP X	
VOLTAGE		120/208		3 PHASE		4 WIRE	
AMP BUS		200		EXIST LOCATION		RELOCATED EXIST	
AMP MAIN		200		A.I.C. RATING		MATCH EXISTING MDP	
OKT #	DESCRIPTION	WATTS	LOAD TYPE	WIRE SIZE	CONDUIT SIZE	WIRE SIZE	CONDUIT SIZE
1	HOT FOOD TABLE	1560	K	20	2	3120	2
2	CLAM SHELL GRILL (C-254)	2300	K	30	1	4220	6
3	CLAM SHELL GRILL (C-204)	2300	K	30	1	4220	6
4	CHEESE MELTER (C-254)	1650	K	20	2	2898	10
5	CHEESE MELTER (C-254)	1650	K	20	2	2898	10
6	MONITOR	1500	K	20	1	3300	14
7	AIR SCREEN	1248	K	15	2	2898	16
8	AIR SCREEN	1248	K	15	2	2898	16
9	SAUCE DISPENSER W/TIMERS	1440	K	15	1	2688	20
10	TORTILLA WARMER	1550	K	20	2	2798	22
11	BLANK	1550	K	20	2	3200	24
12	BLANK	1550	K	20	2	1650	28
13	AIR SCREEN	1248	K	15	2	2898	28
14	AIR SCREEN	1248	K	15	2	2898	28
15	BLANK	1248	K	15	2	2898	30
L= LIGHTING/SIGNS		0	125% =	0	44864 CONNECTED WATTS		
R= RECEPTACLES		0	100% =	0	4.3% BALANCE		
M= MISC		0	100% =	0	1. PROVIDE FULLY RATED BREAKER.		
H= HVAC		44864	65% =	29162	2. PROVIDE G.F.C.I. DEVICE IN PANEL		
K= KITCHEN		0	25% =	0	* PRE-WIRED PANEL PROVIDED WITH PRODUCTION COUNTER.		
LARGEST MOTOR		0	25% =	0	MAKE CONNECTIONS PER MANUFACTURER'S RECOMMENDATION.		
DEMAND WATTS		29162			3. SEE NOTE #1, DETAIL D, SHEET E2.0.		
DEMAND WATTS		29162			= 81 DEMAND AMPS		

CONTRACTOR SHALL USE EXISTING SPARE/SPACE OR REUSE EXISTING BRANCH CIRCUITS FOR LIGHTING, POWER AND SIGNAGE REMODEL. NEW/REUSED BRANCH CIRCUIT(S) SHALL MATCH THE MANUFACTURER'S PUBLISHED ELECTRICAL CHARACTERISTICS OF PROPOSED EQUIPMENT, AS WELL AS MATCHING THE CHARACTERISTICS OF SOURCE PANEL. WHERE APPLICABLE, CONTRACTOR SHALL PROVIDE ADDITIONAL ELECTRICAL DEVICES NECESSARY FOR COMPLIANCE (E.G. SHUNT-TRIP, OVER-RIDE, ADDITIONAL CONTROL, ETC.). REPLACE BRANCH CIRCUIT(S) IF CHARACTERISTICS DO NOT MATCH REPLACEMENT EQUIPMENT. REUSED, EXISTING BRANCH CIRCUIT SUPPLYING MULTIPLE OUTLETS SHALL BE VERIFIED FOR INTEGRITY AND CAPACITY OF ALL EQUIPMENT INSTALLED ON THAT CIRCUIT. ALL EXISTING/NEW BRANCH CIRCUITS BEING UTILIZED FOR THIS BUILDING RENOVATION SHALL BE FIELD-VERIFIED FOR INTEGRITY, CAPACITY (80% OF RATED BREAKER) AND SHALL MEET CURRENTLY ADOPTED NATIONAL ELECTRICAL CODE COMPLIANCE AS WELL AS ADDITIONAL REQUIREMENTS CONTAINED IN THESE DOCUMENTS. SEE DEMOLITION DRAWINGS FOR REMOVED EQUIPMENT. ALL NEW CONDUCTORS SHALL BE IN CONDUIT AND CONCEALED IN WALLS OR ABOVE CEILINGS.

LOAD KEY LEGEND	
LOAD DESCRIPTION	APPLICABLE FACTOR
LLIGHTING	125%
KKITCHEN EQUIPMENT	65%
HHVAC	100%
MMISC. EQUIPMENT	100%
RRCEPTACLES	100% / 50%

PANEL		A		NEW INSTALL X		FED TOP	
VOLTAGE		120/208		3 PHASE		4 WIRE	
AMP BUS		200		EXIST LOCATION		RELOCATED EXIST	
AMP MAIN		200		A.I.C. RATING		MATCH MDP	
OKT #	DESCRIPTION	WATTS	LOAD TYPE	WIRE SIZE	CONDUIT SIZE	WIRE SIZE	CONDUIT SIZE
1.3	TBCCB3 WOC FAN CONT. PANEL	500	M	2#12, 1#12G IN 3/4" C	1000	1000	2
2	HOOD EXHAUST FAN - EF-1 (E-107)	966	H	2#12, 1#12G IN 3/4" C	15	1506	4
3	GAS WATER HEATER (B-223)	480	M	2#12, 1#12G IN 3/4" C	20	660	6
3	IRRIGATION TIMER	360	M	2#12, 1#12G IN 3/4" C	20	720	8
9	ORDER KIOSK RECEPTACLES	540	R	2#12, 1#12G IN 3/4" C	20	900	10
11	EF-2 (EXISTING)	538	H	2#12, 1#12G IN 3/4" C	20	1078	12
13	ROOF RECEPTACLES	540	R	2#12, 1#12G IN 3/4" C	20	720	14
15	OFFICE COMPUTER (F-240)	300	M	2#12, 1#12G IN 3/4" C	20	540	16
17	SHOW WINDOW RECEPTACLE	1080	R	2#12, 1#12G IN 3/4" C	20	1800	18
19	UTILITY RECEPTACLES	540	R	2#12, 1#12G IN 3/4" C	20	900	20
21	MUSIC SYSTEM (F-131)	500	M	2#12, 1#12G IN 3/4" C	20	1000	22
23	CU-1 (EXISTING)	2496	H	EXISTING (VERIFY)	30	2856	24
25	ORDER CONF/SW. BOX (S-240)	180	M	2#12, 1#12G IN 3/4" C	20	900	26
27	SPARE	-	-	-	20	720	28
29	SPARE	-	-	-	20	720	30
31	SPARE	-	-	-	20	1	32
33	SPARE	-	-	-	20	864	34
35	SPARE	-	-	-	20	540	36
37	SPARE	-	-	-	20	0	38
39	SPARE	-	-	-	20	500	40
41	SPARE	-	-	-	20	960	42
43	SPARE	-	-	-	20	0	44
45	SPARE	-	-	-	20	0	46
47	SPARE	-	-	-	20	500	48
49	SPARE	-	-	-	20	180	50
51	SPARE	-	-	-	20	0	52
53	SPARE	-	-	-	20	0	54
PHASE DIFF.		6556	6210	9114	21880 CONNECTED WATTS		
		737	1083	-1821	31.9% BALANCE		
L= LIGHTING/SIGNS		0	125% =	0	1. PROVIDE LOCK-ON BREAKER.		
R= RECEPTACLES		3780	100% =	3780	2. CIRCUITS TO BE ROUTED THRU TBCCB CONTROL. REFER TO E6.X DRAWINGS FOR INFORMATION.		
M= MISC		11604	100% =	11604	3. PROVIDE G.F.C.I. DEVICE IN PANEL.		
H= HVAC		6496	100% =	6496	4. PROVIDE LOCKOUT/TAGOUT CIRCUIT BREAKER DEVICE.		
K= KITCHEN		0	65% =	0	5. PROVIDE EQUIPMENT GROUND FAULT PROTECTION PER N.E.C. ARTICLE 427.22.		
LARGEST MOTOR		9012	25% =	2253	6. PROVIDE LOCKOUT/TAGOUT CIRCUIT BREAKER DEVICE.		
DEMAND WATTS		24133			7. ROUTE CIRCUIT THROUGH TBANS (SHUNT-TRIP) SHEET E7.0, DETAIL F		
DEMAND WATTS		24133			= 67.04 DEMAND AMPS		

PANEL		FLEX I-LINE EQUIPMENT		NEW INSTALL X		FED TOP X	
VOLTAGE		120/208		3 PHASE		4 WIRE	
AMP BUS		200		EXIST LOCATION		RELOCATED EXIST	
AMP MAIN		125		A.I.C. RATING		MATCH EXISTING MDP	
KEY #	DESCRIPTION	WATTS	LOAD TYPE	WIRE SIZE	CONDUIT SIZE	WIRE SIZE	CONDUIT SIZE
1	DRY WELL	1560	K	20	2	2640	2
2	CLAM SHELL GRILL (C-204)	2300	K	30	1	3950	6
7	REFRIGERATED BASE/RAIL	564	K	30	1	2214	8
9	BLANK	-	-	-	1	1650	10
11	FUTURE-USE	2300	K	20	1	4100	12
13	AIR SCREEN	1248	K	15	2	2798	14
15	BLANK	-	-	-	1	2798	16
17	BLANK	-	-	-	1	0	18
19	AIR SCREEN	1248	K	15	2	1248	20
21	BLANK	-	-	-	1	1248	22
23	BLANK	-	-	-	1	0	24
PHASE DIFF.		8900	8906	8050	25856 CONNECTED WATTS		
		-281	-287	569	9.6% BALANCE		
L= LIGHTING/SIGNS		0	125% =	0	1. PROVIDE FULLY RATED BREAKER.		
R= RECEPTACLES		0	100% =	0	2. PROVIDE G.F.C.I. DEVICE IN PANEL		
M= MISC		0	100% =	0	* PRE-WIRED PANEL PROVIDED WITH PRODUCTION COUNTER.		
H= HVAC		0	100% =	0	MAKE CONNECTIONS PER MANUFACTURER'S RECOMMENDATION.		
K= KITCHEN		0	65% =	0	3. SEE NOTE #1, DETAIL C, SHEET E2.0.		
LARGEST MOTOR		0	25% =	0			
DEMAND WATTS		0			= ##### DEMAND AMPS		

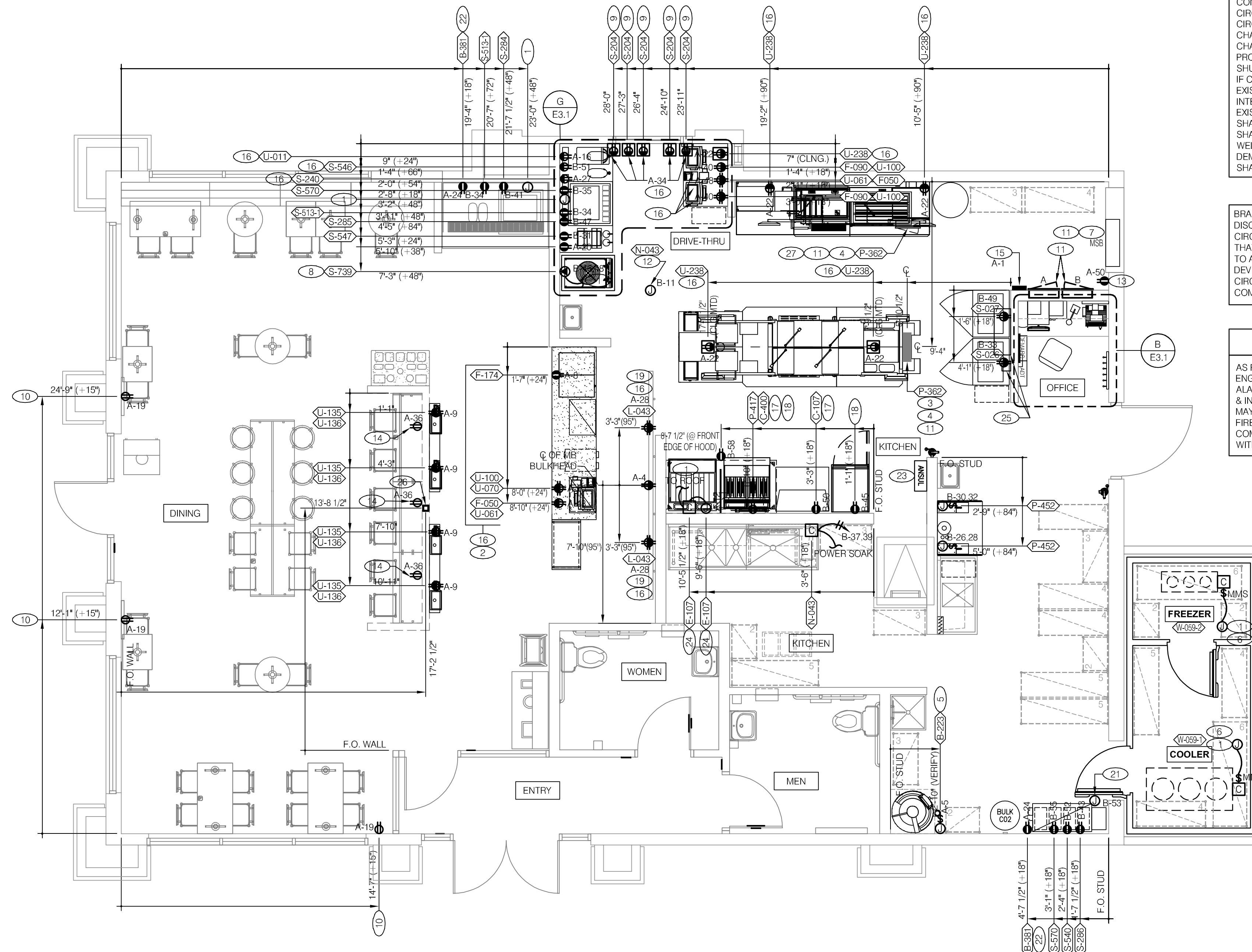
PANEL		B		NEW INSTALL X		FED TOP X	
VOLTAGE		120/208		3 PHASE		4 WIRE	
AMP BUS		225		EXIST LOCATION		RELOCATED EXIST	
AMP MAIN		225		A.I.C. RATING		MATCH MDP	
OKT #	DESCRIPTION	WATTS	LOAD TYPE	WIRE SIZE	CONDUIT SIZE	WIRE SIZE	CONDUIT SIZE
1	SPARE	-	-	-	20	480	2
1.2	KITCHEN/FOC/RESTROOM LIGHTS	641	L	2#12, 1#12G IN 3/4" C	20	973	4
1	COOLER/FRZR LIGHTS	800	L	2#12, 1#12G IN 3/4" C	20	1460	6
7	SPARE	-	-	-	20	1200	8
9	SPARE	-	-	-	20	600	10
11	REMOTE ALARM LT	100	L	2#12, 1#12G IN 3/4" C	20	600	12
13	BUILDING SIGNS	1200	L	2#12, 1#12G IN 3/4" C	20	1200	14
2	BUILDING SIGNS	1200	L	2#12, 1#12G IN 3/4" C	20	1800	16
17	SPARE	-	-	-	20	748	18
19	WALK-IN COOLER (W-059)	972	K	3#12, 1#12G IN 3/4" C	20	1720	20
21	SPARE	-	-	-	20	1720	22
23	WALK-IN FREEZER (W-059)	1044	K	3#10, 1#10G IN 3/4" C	25	3084	24
25	SPARE	-	-	-	20	3084	26
27	SPARE	-	-	-	20	3084	28
29	SPARE	-	-	-	20	3084	30
31	BUNN BREWER (S-547)	1425	K	2#12, 1#12G IN 3/4" C	20	3465	32
33	HEATED CABINET (S-026)	1920	K	2#12, 1#12G IN 3/4" C	20	2180	34
35	CARBONATOR (S-570)	860	K	2#12, 1#12G IN 3/4" C	20	2166	36
37	POWER SOAK (N-043)	1019	K	2#12, 1#12G IN 3/4" C	15	2325	38
39	BEVERAGE DISP. SS (S-284)	1019	K	2#12, 1#12G IN 3/4" C	20	2325	40
41	BEVERAGE DISP. SS (S-284)	1116	K	2#12, 1#12G IN 3/4" C	20	2422	42
43	WATER FILTER SYSTEM (S-286)	240	K	2#12, 1#12G IN 3/4" C	20	240	44
45	FREEZER	828	K	2#12, 1#12G IN 3/4" C	20	3948	46
47	BEVERAGE DISP. DT (S-287)	1296	K	2#12, 1#12G IN 3/4" C	20	4416	48
49	HEATED CABINET (S-026)	1920	K	2#12, 1#12G IN 3/4" C	20	2150	50
51	ICE TEA EQP. (S-546)	1780	K	2#12, 1#12G IN 3/4" C	20	2320	52
53	HEAT TRACE	1000	K	2#12, 1#12G IN 3/4" C	20	2250	54
55	CARBONATOR (S-570)	860	K	2#12, 1#12G IN 3/4" C	20	2110	56
57	SPARE	-	-	-	20	720	58
59	SPARE	-	-	-	20	0	60
61	SPARE	-	-	-	20	1200	62
63	SPARE	-	-	-	20	0	64
65	SPARE	-	-	-	20	0	66
67	BLANK	-	-	-	1	0	68
69	BLANK	-	-	-	2	0	70
71	BLANK	-	-	-	2	0	72
73	BLANK	-	-	-	1	0	74
75	BLANK	-	-	-	1	0	76
77	BLANK	-	-	-	1	0	78
79	BLANK	-	-	-	1	0	80
81	BLANK	-	-	-	1	0	82
83	BLANK						

COMMERCIAL KITCHEN EQUIPMENT SCHEDULE																									
EQUIPMENT IDENTIFICATION			EQUIPMENT ELECTRICAL CHARACTERISTICS							EQUIPMENT CIRCUIT					EQUIPMENT DISCONNECT										
TAG	TYPE	EQUIPMENT NAME	PHASE	WIRES W/ GND	VOLTS	MAX HP	FLA / RLA	KW	MCA	OCP			BRANCH CIRCUIT SIZE		WIRE TYPE	CONDUIT TYPE	TYPE	SIZE	NEMA	LOCATION			SUPPLIED BY	INSTALLED BY	NOTES
										TIME-DELAY FUSE	INVERSE-TIME BREAKER	SETS	BRANCH CIRCUIT	EQUIPMT						REMOTE	PANEL BOARD				
B-223	O	INSTANTANEOUS WATER HEATER IGNITION	1	3	120		4	0.48	4	20	20	2	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	MCCB	20						EC	EC	8
B-381	O	CO2 CARBON DIOXIDE SENSOR/WARNING	1	3	120		0.3	0.04	0.3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
C-079 (Exist)	KR	DUAL FRYER W/ UNDER FRYER FILTER SYSTEM	1	3	115		7.2	0.828	7.2	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
C-107	O	REETHERMALIZER	1	3	115		2	0.23	2.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
C-197	KR	SPLIT LID CLAM SHELL TOASTER	1	3	120		19.2	2.3	24	30	30	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	30	5-30					ES	ES	
C-254	KR	CHEESE MELTER (SINGLE)	1	3	208		16	3.3	20	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	6-20					ES	ES	
C-400	O	COOK TIMER	1	3	120		3.5	0.42	4.4	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	5-15					ES	ES	2
E-107	O	STRATOVENT EXHAUST HOOD	1	3	120		9.8	1.18	12.3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	-	20	5-20					ES	ES	8
E-272	O	HOOD FIRE SUPPRESSION SYSTEM	1	3	120		6.3	0.76	7.9	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	-	20	5-20					ES	ES	8
F-040 (Exist)	O	OFFICE COMPUTER	1	3	120		2.5	0.3	3.1	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
F-050	O	ALTERNATE PAYMENT ROUTER BOX	1	3	120																				
F-060	O	MONITOR-OFFICE	1	3	120																				
F-080	O	OFFICE PRINTER/COPIER/FAX/SCANNER	1	3	120		2	0.24	2.5	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	5-15					ES	ES	2
F-090	O	UPS (UN-INTERRUPTABLE POWER SUPPLY)	1	3	120		4	0.48	5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
F-102	O	MONEY COUNTER	1	3	120																				
F-131	O	MUSIC SYSTEM (MUZAK)	1	3	120		4.2	0.5	5.3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	8
F-174 (Exist)	O	SAFE WITH TOUCH SCREEN CONTROLS	1	3	120		3	0.36	3.8	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
F-504	O	DVR AND MONITOR	1	3	120																				
L-043	O	INTERIOR MENU BOARD PACKAGE	1	3	120		9	1.08	11.3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
N-043	O	3-COMP POWER SOAK 102" x 31"D (R TO L)	1	3	208		11.4	2.372	14.25	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	6-15					ES	ES	2
P-355	KR	I LINE 131" READY TO ACCEPT EVO CABINETS	CONTRACTOR TO PROVIDE CIRCUITS TO EQUIPMENT. SEE PANELS AND PLANS																						
P-362-B	KR	DUAL LINE, 157" READY TO ACCEPT EVO CABINETS	3	4	208		-	45	-	200	200	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	MCCB	200	-							
P-417	O	8-CHANNEL TIMER	1	3	120		0.5	0.06	0.625	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	-	20	5-20							
P-452	KR	HOT WATER DISPENSER	1	3	208		19.5	4.08	24.4	30	30	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	30	6-30					ES	ES	2
R-208	KM	FRY STATION REACH-IN FREEZER	1	3	115		9	1.035	11.25	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-15					ES	ES	2
S-023	KM	WARMER, EVO TACO TOWER, TB, 208V, L TO R UNIT	1	3	208		24	2.496																	
S-024	KM	WARMER, EVO TACO TOWER, TB, 208V, R TO L UNIT	1	3	208		24	2.496																	
S-026	KR	HEATED CABINET-FULL HEIGHT (LH)	1	3	120		16	1.92	20	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
S-027	KR	HEATED CABINET-FULL HEIGHT (RH)	1	3	120		16	1.92	20	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
S-065	KR	DESSERT TOWER	1	3	120		6.8	0.82	-	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-15					ES	ES	2
S-204	O	DT/TIMING SYSTEM	1	3	120		7.2	0.86	9	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
S-284	KM	BEVERAGE DISPENSER - SELF SERVE	1	3	120		9.3	1.116	11.6	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
S-285	KM	BEVERAGE DISPENSER - DRIVE THRU	1	3	120		10.8	1.296	12.8	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
S-286	O	WATER FILTER SYSTEM	1	3	120		2	0.24	2.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	-	20	5-20					ES	ES	2
S-489	KR	DIGITAL SCALE																							
S-513-1 (Exist)	KM	ICE MAKER S/S & DT (2)	1	3	120		2.3	0.26	2.9	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	5-15					ES	ES	2
S-513-2 (Exist)	KM	ICE MAKER CONDENSER	1	3	208		13.2	2.61	16.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	F	20	5-20					ES	ES	5,8
S-540	KM	PEPSI BOOSTER TANK/CO2 MONITOR	1	3	120		4.7	0.54	5.9	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
S-546	O	ICED TEA BREWER	1	3	120		14.8	1.78	18.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
S-547	O	BUNN POD BREWER	1	3	120		11.9	1.43	14.9	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	15	5-15					ES	ES	2
S-550	O	BAG-N-BOX	1	3	120		8.4	0.806	10.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20						ES	ES	
S-570	O	CARBINATOR	1	3	120		8.4	0.806	10.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20						ES	ES	
S-739	KM	FROZEN BEVERAGE DISPENSER, REMOTE	1	3	208		24	5	30	30	30	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	30	6-30					ES	ES	2
S-740	KM	FROZEN BEVERAGE CONDENSER, REMOTE	1	3	208		12	2.5	15	15	15	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	F	15	-					ES	ES	5,8
U-011	O	BASE STATION - D/T COMMUNICATION SYSTEM	1	3	120		2	0.24	2	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
U-061	O	CREDIT CARD READER (VSTAT)	1	3	120		2	0.24	2.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
U-062	O	DT CREDIT CARD READER (VSTAT)	1	3	120		2	0.24	2.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
U-052/U-063	O	SECURITY SYSTEM	1	3	120		2.5	0.3	2.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
U-070	O	RECEIPT PRINTER	1	3	120		2	0.24	2	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
U-100	O	POS/ORDER ENTRY	1	3	120		3	0.36	3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20								
U-135	O	KIOSK TABLET	1	3	120		3	0.36	3	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
U-136	O	VERIFONE (CREDIT CARD MACHINE)	1	3	120		2	0.24	2.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
U-238	O	KITCHEN MONITOR	1	3	120		5	0.6	5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	C&P	20	5-20					ES	ES	2
W-059-1	KM	WALK-IN COOLER	3	4	208		14.2	4.86	17.8	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	-	20	15-20					ES	ES	8
W-059-2	KM	WALK-IN FREEZER	3	4	208		11.6	3.96	14.5	20	20	1	SEE PANEL SCHEDULES, SHEET E2.1	CU	ST	-	30	15-20					ES	ES	8

TYPE: H-HEATING, C-COOLING, R-KITCHEN RESISTIVE, KM-KITCHEN MOTOR, WH-WATER HEATER, OM-OTHER MOTORS, O-OTHER DISCONNECT TYPE: HP-HP RATED SWITCH, C&P-CORD & PLUG, LC & P-LOCKING CORD & PLUG, F-FUSED, NF-NON-FUSED, MCCB-MOLDED CASE CIRCUIT BREAKER. SUPPLIED/INSTALLED BY: EC-ELECTRICAL CONTRACTOR, HC-HVAC CONTRACTOR, PC-PLUMBING CONTRACTOR, ES-EQUIPMENT SUPPLIER

- NOTES:
- REQUIRES SHUNT TRIP PROTECTION
 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. EC SHALL PROVIDE RECEPTACLE.
 - CORD & PLUG SUPPLIED AND INSTALLED BY ES. RECEPTACLE SUPPLIED BY ES AND INSTALLED BY EC.
 - CORD, PLUG, & RECEPTACLE SUPPLIED AND INSTALLED BY EC.
 - SINGLE PHASE, THREE WIRE EQUIPMENT. PROVIDE PHASE CONDUCTORS AND GROUND.
 - THREE PHASE, FOUR WIRE EQUIPMENT. PROVIDE NEUTRAL CONDUCTOR AND GROUND.
 - OUTLETS SUPPLIED AND INSTALLED BY ES. CONDUIT & WIRING PROVIDED BY EC.
 - HARD WIRED CONNECTION BY E.C.

BRANCH CIRCUIT WIRING SCHEDULE							
TO BE USED FOR BRANCH CIRCUIT WIRING UNLESS NOTED OTHERWISE							
OC RATING	POLES	CONDUCTOR AND CONDUIT SIZE					
		HOT		NEUTRAL		GROUND</	



CONTRACTOR SHALL USE EXISTING SPARE/SPACE OR REUSE EXISTING BRANCH CIRCUITS FOR LIGHTING, POWER AND SIGNAGE REMODEL. NEW/REUSED BRANCH CIRCUIT(S) SHALL MATCH THE MANUFACTURER'S PUBLISHED ELECTRICAL CHARACTERISTICS OF PROPOSED EQUIPMENT, AS WELL AS MATCHING THE CHARACTERISTICS OF SOURCE PANEL. WHERE APPLICABLE, CONTRACTOR SHALL PROVIDE ADDITIONAL ELECTRICAL DEVICES NECESSARY FOR COMPLIANCE (E.G. SHUNT-TRIP, OVER-RIDE, ADDITIONAL CONTROL, ETC.). REPLACE BRANCH CIRCUIT(S) IF CHARACTERISTICS DO NOT MATCH REPLACEMENT EQUIPMENT. REUSED EXISTING BRANCH CIRCUIT SUPPLYING MULTIPLE OUTLETS SHALL BE VERIFIED FOR INTEGRITY AND CAPACITY OF ALL EQUIPMENT INSTALLED ON THAT CIRCUIT. ALL EXISTING/NEW BRANCH CIRCUITS BEING UTILIZED FOR THIS BUILDING RENOVATION SHALL BE FIELD-VERIFIED FOR INTEGRITY, CAPACITY (80% OF RATED BREAKER) AND SHALL MEET CURRENTLY ADOPTED NATIONAL ELECTRICAL CODE COMPLIANCE AS WELL AS ADDITIONAL REQUIREMENTS CONTAINED IN THESE DOCUMENTS. SEE DEMOLITION DRAWINGS FOR REMOVED EQUIPMENT. ALL NEW CONDUCTORS SHALL BE IN CONDUIT AND CONCEALED IN WALLS OR ABOVE CEILING.

BRANCH CIRCUITS INSTALLED IN AREAS SLATED FOR DEMOLITION SHALL BE DISCONNECTED AND REMOVED BACK TO AN ACCESSIBLE LOCATION, TAGGED WITH CIRCUIT INFORMATION AND PROVIDED WITH PROTECTION FROM DEBRIS. CIRCUIT(S) THAT ARE TO BE REUSED SHALL BE RE-ROUTED (PROVIDE BRACING AS REQUIRED) TO AVOID DEMOLISHED AREA(S) AND RECONNECTED TO THE NEXT ELECTRICAL DEVICE IN THE RUN. CONTRACTOR TO VERIFY CIRCUIT INTEGRITY OF ALL MODIFIED CIRCUITS. VERIFY SERVING PANEL, BREAKERS AND BREAKER-OPTIONS FOR COMPLIANCE TO THE CURRENTLY ADOPTED ELECTRICAL STANDARDS

FIRE ALARM NOTE
 AS REQUIRED, IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENGAGE THE SERVICES OF AN APPROVED FIRE ALARM CONTRACTOR. THE FIRE ALARM CONTRACTOR SHALL BE REQUIRED TO PROVIDE DRAWINGS, SPECIFICATIONS & INSTALLATION ACCORDING TO MUNICIPALITIES GUIDELINES. FIRE ALARM SERVICE MAY ALSO INCLUDE PROVIDING FIRE ALARM MONITORING TO BUILDINGS INSTALLED FIRE ALARM CONTROL SYSTEM. FIRE ALARM CONTRACTOR TO PROVIDE ALL COMPATIBLE DEVICES & BRACING, WIRING, ETC. ONLY AS NEEDED, COORDINATE WITH SPRINKLER CONTRACTOR FOR DETAILS.



POWER PLAN 1/4"=1'-0" **A**

NOT USED N.T.S. **D**

- A. ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX, U.O.N.
- B. ALL CONDUIT DROPS ARE INSIDE WALLS U.O.N. SEE ARCH. DWGS FOR WALL DIMS.
- C. ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- D. CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.
- E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ELECT. ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS HEREIN.
- F. LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO NOT CUT INTO STUDS.
- G. FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION, REFER TO KITCHEN & MECHANICAL EQUIPMENT DRAWINGS AND MANUFACTURER'S SHOP DRAWINGS.
- H. ALL CIRCUIT FEEDERS AND DISCONNECTS SHALL BE SIZED BY N.E.C.
- I. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER AND FUSE SIZES WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.
- J. ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA 3R FOR EXTERIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X.
- K. ALL SINGLE-PHASE RECEPTACLES RATED 150V TO GROUND OR LESS, 50A OR LESS AND THREE-PHASE RECEPTACLES RATED 150V TO GROUND OR LESS, 100A OR LESS INSTALLED IN THE KITCHEN AREA SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL PER N.E.C. 210.8 AND INSTALLED IN ACCORDANCE WITH N.E.C. 240.24. ALTERNATIVELY, A GFCI CIRCUIT BREAKER CAN BE INSTALLED.

- L. DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.
- M. CONDUIT MAY RUN UNDER SLAB AT CONTRACTOR'S DISCRETION.
- N. E.C. SHALL PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES STATING "POS USE ONLY".
- O. PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILING, AND FLOORS. DO NOT USE CAULKS OR EXPANSION FOAM FOR SEALANT.
- P. EMT SHALL BE USED FOR ALL WIREWAYS. ARMOR CABLE IS ALLOWED ONLY WHERE WIREWAYS ARE EASILY ACCESSIBLE. FOR EXAMPLE, EMT INSIDE WALLS AND ABOVE HARD GYPSUM BOARD CEILINGS AND ARMOR CABLE ABOVE SUSPENDED CEILING SYSTEMS.
- Q. ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE CONCEALED U.O.N.
- R. ALL OUTLETS IN PUBLIC AREAS SHALL BE LISTED AS "TAMPER-RESISTANT".
- S. G.F.C.I. DEVICES MUST BE INSTALLED IN ACCORDANCE WITH N.E.C. 240.24. ALTERNATIVELY A GFCI CONTROLLED BRANCH BREAKER CAN BE INSTALLED.
- T. ALL CONDUITS SHALL BE INSTALLED PER N.E.C. 430.102 & 300.7.
- U. ALL RECEPTACLES AND COVERPLATES SHALL MATCH DECOR.
- V. ALL OUTLETS SHALL BE FLUSH MOUNTED AT 15" A.F.F. TO THE CENTER OF OUTLET UNLESS NOTED OTHERWISE.
- W. 5mA GFCI BREAKERS MUST BE USED WHERE OUTLETS REQUIRING GFCI PROTECTION ARE NOT ACCESSIBLE FOR COMPLIANCE WITH N.E.C. 210.8. WHERE GFCI PROTECTION AND SHUNT TRIP BREAKERS ARE REQUIRED, A DEAD-FRONT GFCI DEVICE OR A SHUNT-TRIP CONTROLLER MUST BE USED.

1. PROVIDE JUNCTION BOX ABOVE CEILING WITH 3/4" CONDUIT TO INDOOR AND OUTDOOR UNITS. SEE SHEET E3.2.
2. INSTALL SURFACE MOUNTED IN CONDUIT RUNNING ON KITCHEN SIDE OF CABINETRY REAR WALL.
3. CONNECT "PRODUCTION LINE" CIRCUIT BREAKER BRANCH PANEL VIA UTILITY CHASE INTO CEILING TO CIRCUIT BREAKER IN MAIN SWITCHBOARD (MSB) (REFER TO SHEET E2.0). VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE DRY PRODUCT LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.
4. MANUFACTURE-PROVIDED BRANCH PANEL, MOUNTED WITHIN PRODUCTION LINE.
5. WATER HEATER, COORDINATE CONNECTION TYPE WITH EQUIPMENT ORDERED. MOUNT JUNCTION BOX ADJACENT TO UNIT AND PER N.E.C. REQUIREMENTS.
6. INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSER.
7. APPROXIMATE LOCATION OF NEW MSB PANELBOARD. CONTRACTOR SHALL INSTALL IN ACCORDANCE WITH CURRENT NEC CODE AND ANY LOCAL CODES THAT MAY APPLY.
8. PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER.
9. FOR WALL MOUNTED H.M.E. SEE G1E3.1
10. PROVIDE DUPLEX RECEPTACLE WITH TWO (2) USB CHARGING PORTS.

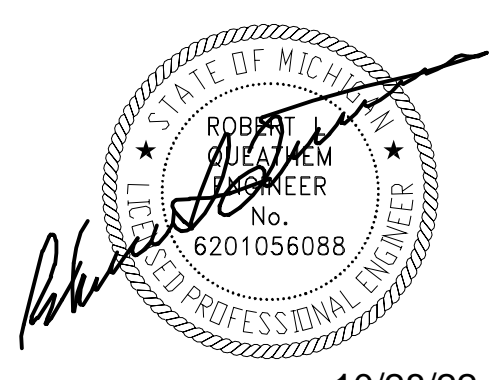
11. PROVIDE REQUIRED WORKING SPACE/CLEARANCE PER THE N.E.C. CONTRACTOR TO CLEARLY IDENTIFY/INDICATE NOT LESS THAN 30"WX36"D CLEARANCE AREA WORKING SPACE (PER I.F.C. 605.3). IF EQUIPMENT IS LARGER THAN 30" WIDE, WORKING CLEARANCE/SPACE SHALL NOT BE LESS THAN EQUIPMENT'S WIDTH.
12. PROVIDE J-BOX ABOVE CEILING FOR POWER SOAK INDICATOR LIGHT.
13. PROVIDE A NEMA 5-20R GFCI MOUNTED AT 24" A.F.F..
14. CONTRACTOR SHALL PROVIDE, INSTALL AND WIRE A DUPLEX RECEPTACLE WITH (2) USB POWER PORTS IN SINGLE-GANG BOX, 2-SEATS PER OUTLET. MOUNT OUTLETS ABOVE COUNTER (MINIMUM 6") PROVIDE GALVANIZED COVER PLATE TO MATCH BOX.
15. SEE DETAIL F, SHEET E7.0 FOR MOUNTING INFORMATION.
16. SEE DETAIL F, SHEET E3.1 FOR ISOLATED GROUND RECEPTACLE.
17. CONTRACTOR TO FIELD-VERIFY THE EXACT NUMBER OF RECEPTACLES REQUIRED TO BE SHUNT-TRIP CONTROLLED (UNDER A TYPE-1 FIRE SUPPRESSED HOOD). PROVIDE TRANS SHUNT-TRIP CONTROL BOX MOUNTED WHERE SHOWN. ROUTE REQUIRED BRANCH CIRCUITS THROUGH THIS CONTROL. SEE DETAIL "P", E7.0.
18. RELOCATED KITCHEN EQUIPMENT. RELOCATE EXISTING RECEPTACLE TO NEW LOCATION (REPLACE, IF NEEDED, MATCH EXISTING). EXTEND EXISTING CONDUIT AND WIRE TO NEW LOCATION.
19. ELECTRICIAN TO INSTALL A TOTAL OF (2) QUAD OUTLETS (G5962) IN (2) QUAD BOXES AS SHOWN. OUTLETS TO BE STRAIGHT BLADE. OUTLETS TO BE ON AN ISOLATED DEDICATED GROUNDED CIRCUIT THAT IS NOT CONNECTED TO ANY RESTAURANT POWER MANAGEMENT SYSTEM.
20. NOT USED.
21. JUNCTION BOX FOR COOLER/FREEZER HEAT TRACE LOCATED IN UNIT.
22. OUTLET FOR CO2 MONITOR. INSTALL PER MANUFACTURER'S SPECIFICATIONS AND CURRENTLY ADOPTED EDITION OF THE I.B.C.
23. ANSUL JUNCTION BOX. LOCATE BELOW CEILING. SEE DETAIL D, SHEET E7.0.

24. JUNCTION BOX (ABOVE ACCESSIBLE CEILING) FOR "FIELD" WIRING TO FAN SYSTEM CONTROL BOX, EX-HAUST AND ROOM TEMPERATURE SENSORS, LIGHT AND FAN SWITCHES FURNISHED WITH HOOD SYSTEM CONTROL BOX. PROVIDE 115V POWER TO CONTROLLER. CONTROL BOX IS SUPPLIED WITH EX-HAUST AND SUPPLY FAN TERMINATIONS. ROUTE FAN BRANCH CIRCUITS THRU HOOD CONTROLLER TO DISCONNECTS, MOUNTED TO FANS, ON ROOF. REFER TO HOOD DRAWINGS FOR CONTROL WIRING DIAGRAM AND ELECTRICAL CONTRACTOR RESPONSIBILITIES.
25. RELOCATED WALL MOUNTED AIR HANDLING UNIT (AHU-1) AND CONDENSATE PUMP. COORDINATE WITH MECHANICAL FOR ANY ELECTRICAL WORK TO BE PERFORMED ON THESE UNITS. POWER IS DERIVED FROM OUTDOOR UNIT.
26. PROPOSED KIOSK POWER DATA POLE. PROVIDE JUNCTION BOX ABOVE CEILING FOR ROUTING CONDUIT/CONDUCTORS DOWN TO LOW WALL, I.G. DUPLEX RECEPTACLE FLUSH MOUNTED IN WALL (VERIFY EXACT MOUNTING LOCATION IN FIELD). VERIFY ALL ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER(S). PROVIDE ALL NECESSARY DEVICES AND MAKE ALL FINAL CONNECTIONS. POWER AND DATA SHALL BE ROUTED IN SEPARATE CONDUITS. CONTRACTOR TO REVISE SPACE IN EXISTING KIOSK PANEL. PROVIDE A NEW 20 AMP, 1-POLE, 120V BRANCH CIRCUIT BREAKER AND EXTEND #12 AWG WIRE TO RECEPTACLES. REFER TO SHEET A8.1 FOR INSTALLATION DETAILS.
27. CONNECT "PRODUCTION LINE FLEX" CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO CIRCUIT BREAKER IN MAIN SWITCHBOARD (MSB) (REFER TO SHEET E2.0). VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE "PRODUCT LINE" AT THE FACTORY. THE UNIT WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED. REFER TO TACO BELL FLEX LINE MASTER DOCUMENTS FOR ADDITIONAL INFORMATION.

POWER PLAN GENERAL NOTES **C**

KEY NOTES **B**

ARCVISION
 INCORPORATED
 ARCHITECTURE • ENGINEERING • STORE PLANNING
 SAINT LOUIS / DALLAS / LAS VEGAS / ORLANDO
 1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
 PH. (314) 415-2400 FAX (314) 415-2300 www.arcvision.com



10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHE
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL
 205 ANN ARBOR RD.
 PLYMOUTH, MI 48170

MAJOR

POWER FLOOR PLAN
E3.0

RO SET ISSUED: 10.27.22

THE DEDICATED POS POWER CIRCUIT REQUIRES AN ISOLATED GROUND IN ADDITION TO THE NORMAL COMMON BUILDING GROUND. THE ISOLATED GROUND WIRE SERVES TWO PURPOSES:
 * AS A SAFETY PATH TO GROUND.
 * AS A ZERO REFERENCE POINT FOR ALL POS DIGITAL LOGIC.

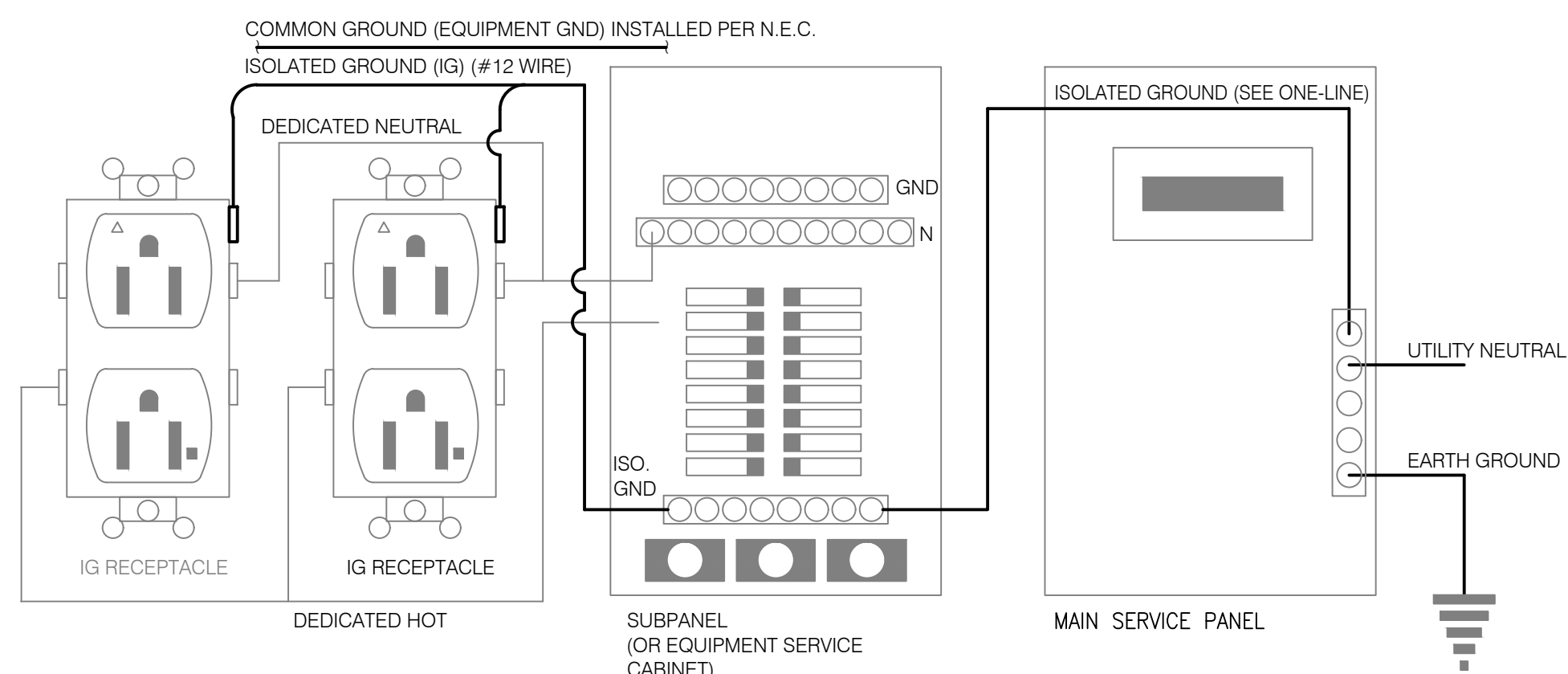
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

- * USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.
- * RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.
- * INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.
- * CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.
- * VERIFY THAT IG RECEPTACLES PRE-WIRED IN OWNER SUPPLIED EQUIPMENT HAVE A TRUE ISOLATED GROUND THAT CAN BE TRACED BACK TO THE BUILDING GROUND AT THE MAIN SERVICE PANEL/SWITCH.

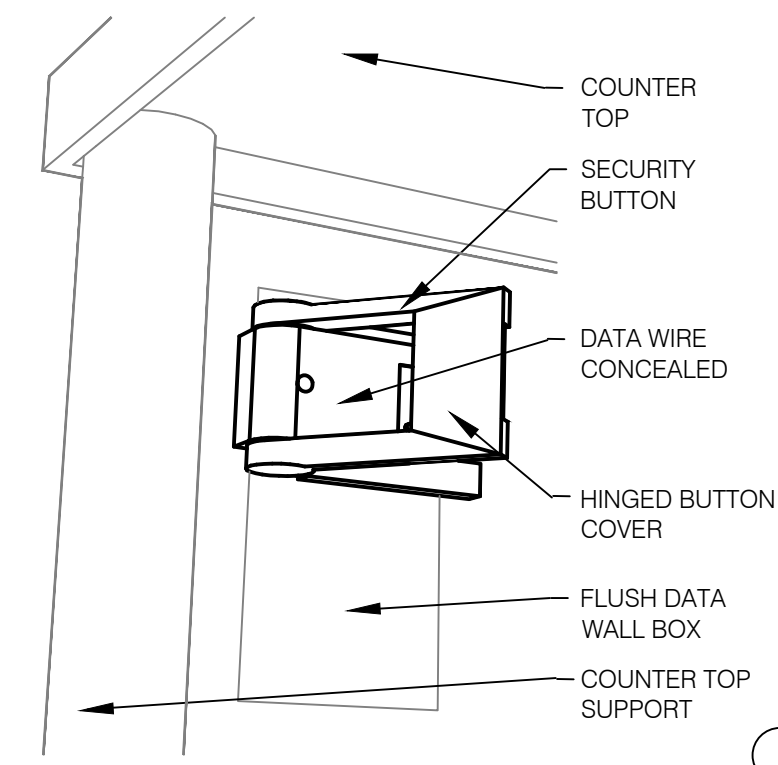
DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

DEDICATED CIRCUITS: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS. IG RECEPTACLES MUST BE 'PHASE ALIGNED' WITH THE 'B' PHASE OF SUBPANEL IN WHICH IT IS INSTALLED.

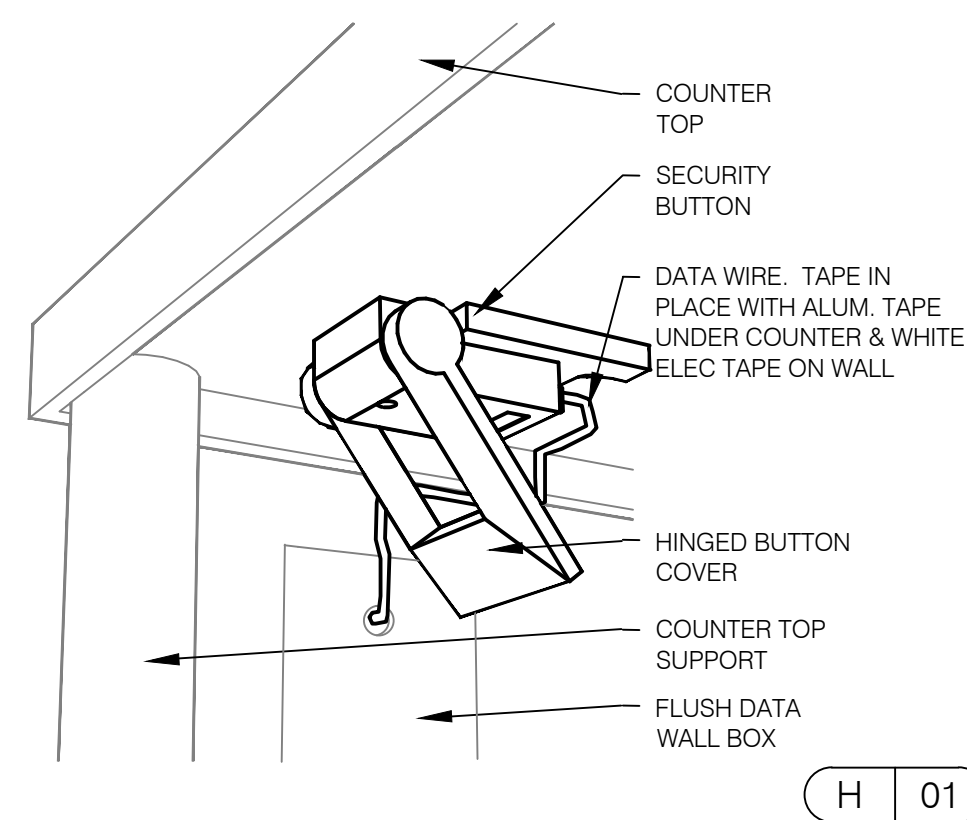


NOTE: USE GFCI BRANCH CIRCUIT BREAKERS FOR ISOLATED GROUND OUTLET CIRCUITS.

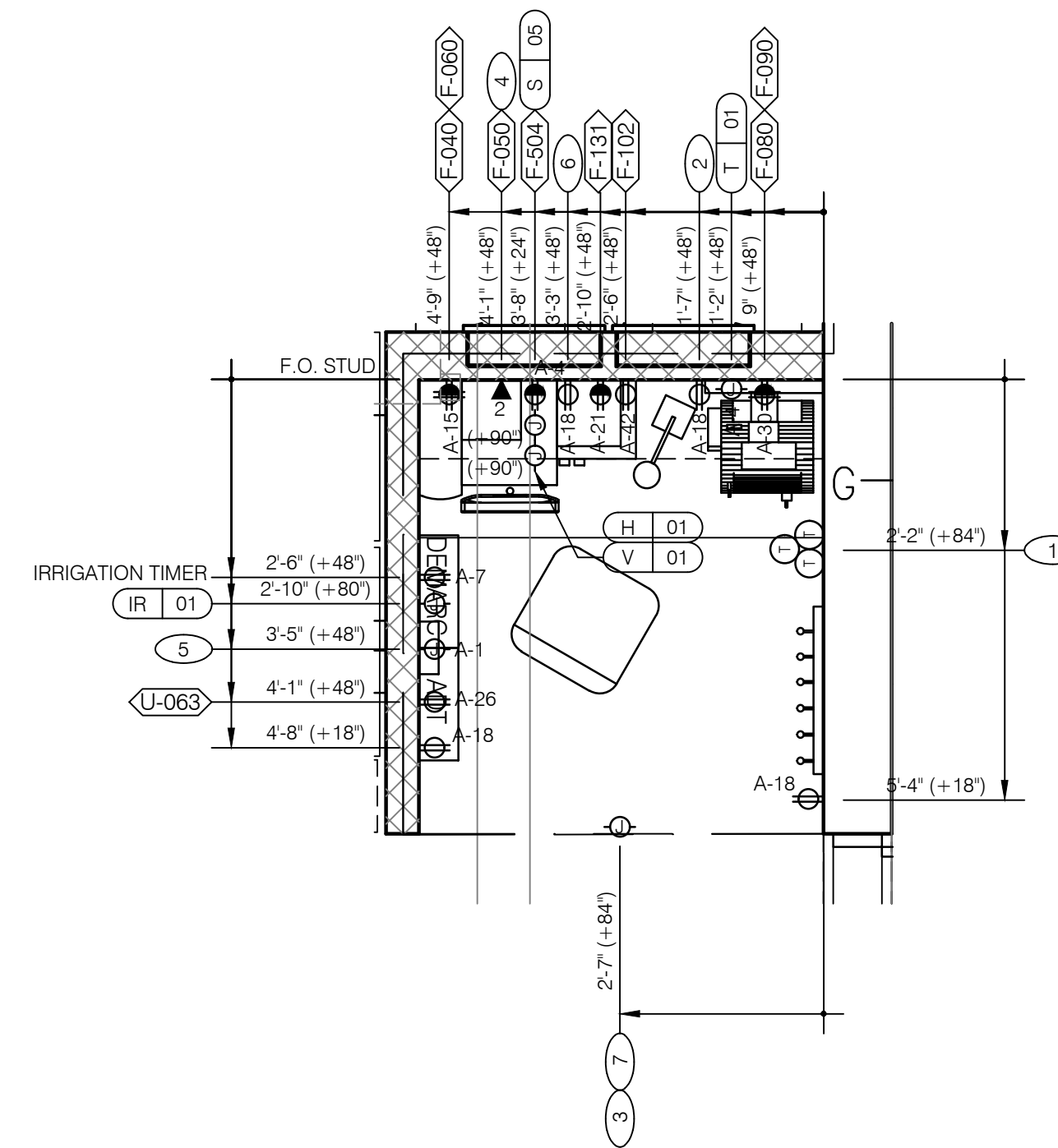
P.O.S. ISOLATED GROUND SYSTEM N.T.S. **F**



SECURITY BUTTON ON WALL N.T.S. **C**

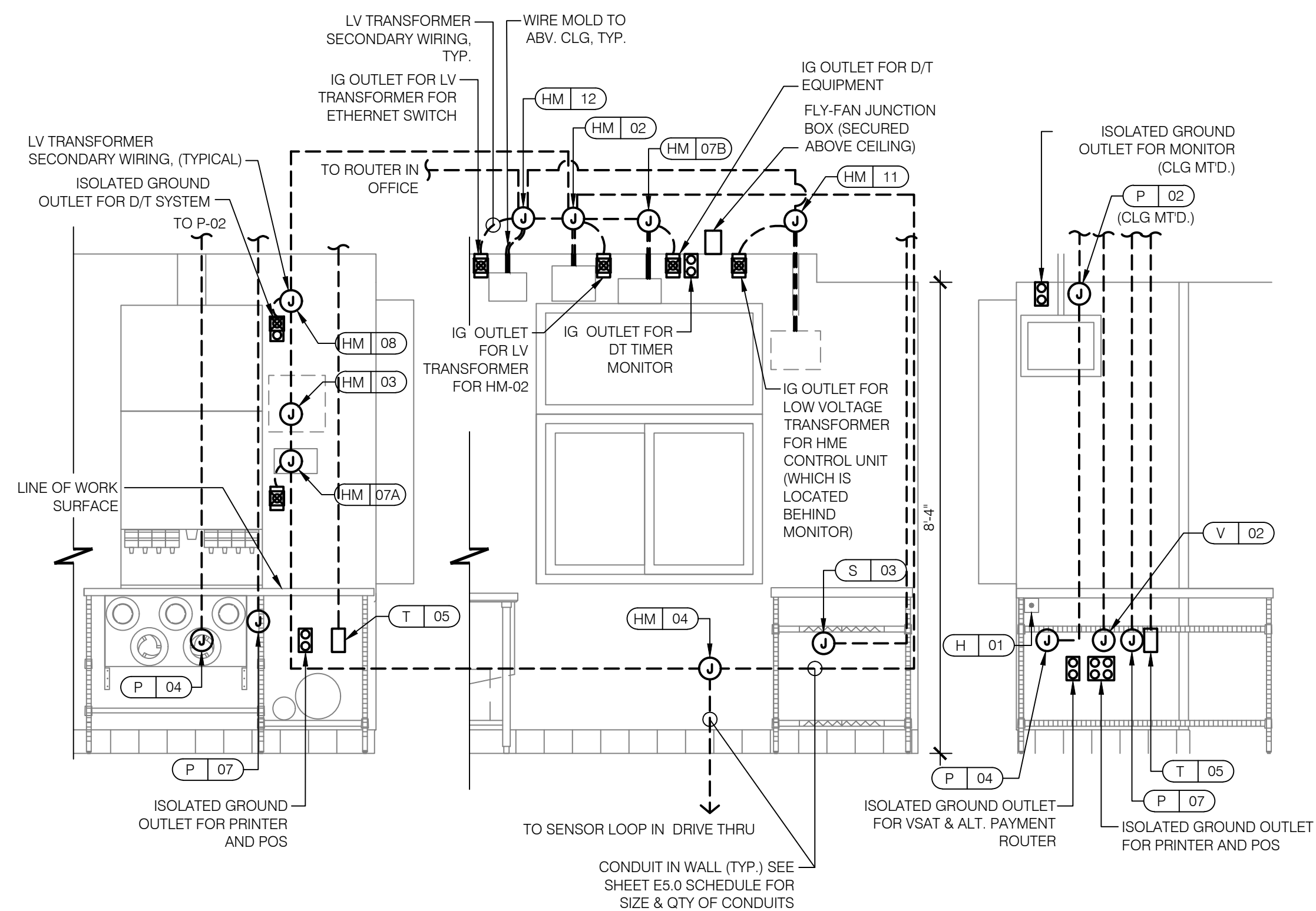


SECURITY BUTTON UNDER COUNTER N.T.S. **D**



REFER TO COMMUNICATIONS SCHEDULE ON SHEET E5.0 FOR EQUIPMENT DESCRIPTIONS/MOUNTING HEIGHTS.

ENLARGED POWER AND COMMUNICATIONS PLAN (OFFICE) 1/2" = 1'-0" **B**



REFER TO COMMUNICATIONS SCHEDULE ON SHEET E5.0 FOR EQUIPMENT DESCRIPTIONS/MOUNTING HEIGHTS.

DRIVE-THRU ELEVATION COMPONENT RELATION DETAIL 1/2" = 1'-0" **G**

NOTE: REFER TO COMMUNICATIONS SCHEDULE ON SHEET E5.0 FOR EQUIPMENT INFORMATION. NOTE: OUTLET LAYOUT IS APPROXIMATE. FIELD-VERIFY EXACT PLACEMENT AND THOSE N.E.C. REQUIREMENTS.

DETAIL KEYED NOTES:

1. THERMOSTAT CONTROLS
2. CONTROLLED RECEPTACLE (TBCCB OPTION). CIRCUIT THROUGH TBCCB CONTROL BOX (INSTALLED IN THE OFFICE) AND CONTROLLED VIA OCCUPANCY/VACANCY SENSOR, BUILT INTO FRONT OF THE CONTROL BOX. SEE 6X SERIES SHEETS FOR ADDITIONAL INFORMATION. RECEPTACLE SHALL BE PERMANENTLY MARKED, UL LISTED AND PROVIDE INDICATION OF CONTROLLED RECEPTACLE, FOR EACH REQUIRED RECEPTACLE.
3. DUCT DETECTORS AND FIRE ALARM TEST/RESET CONTROL, ABOVE DOOR.
4. PHONE JACK FOR MODEM.
5. LOCATION OF TACO BELL COMBINED CONTROL BOX - TBCCB. CONTRACTOR TO VERIFY (IN THE FIELD). CONSIDER OPERATOR NEED TO ACCESS SWITCHES ON THE FRONT OF THE CONTROL BOX AND BUILT-IN OCCUPANCY SENSOR FOR MANAGERS OFFICE.
6. 4-PORT USB OUTLET. PROVIDED BY CONTRACTOR.
7. PROVIDE BACK-BOX AND CONDUIT WITH PULLSTRING FOR REMOTE TEST STATIONS PROVIDED BY MECHANICAL COORDINATE REQUIREMENTS WITH MECHANICAL.

NOT USED N.T.S. **E**

KEY NOTES N.T.S. **A**



10/28/22

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ENLARGED POWER PLAN AND DETAILS

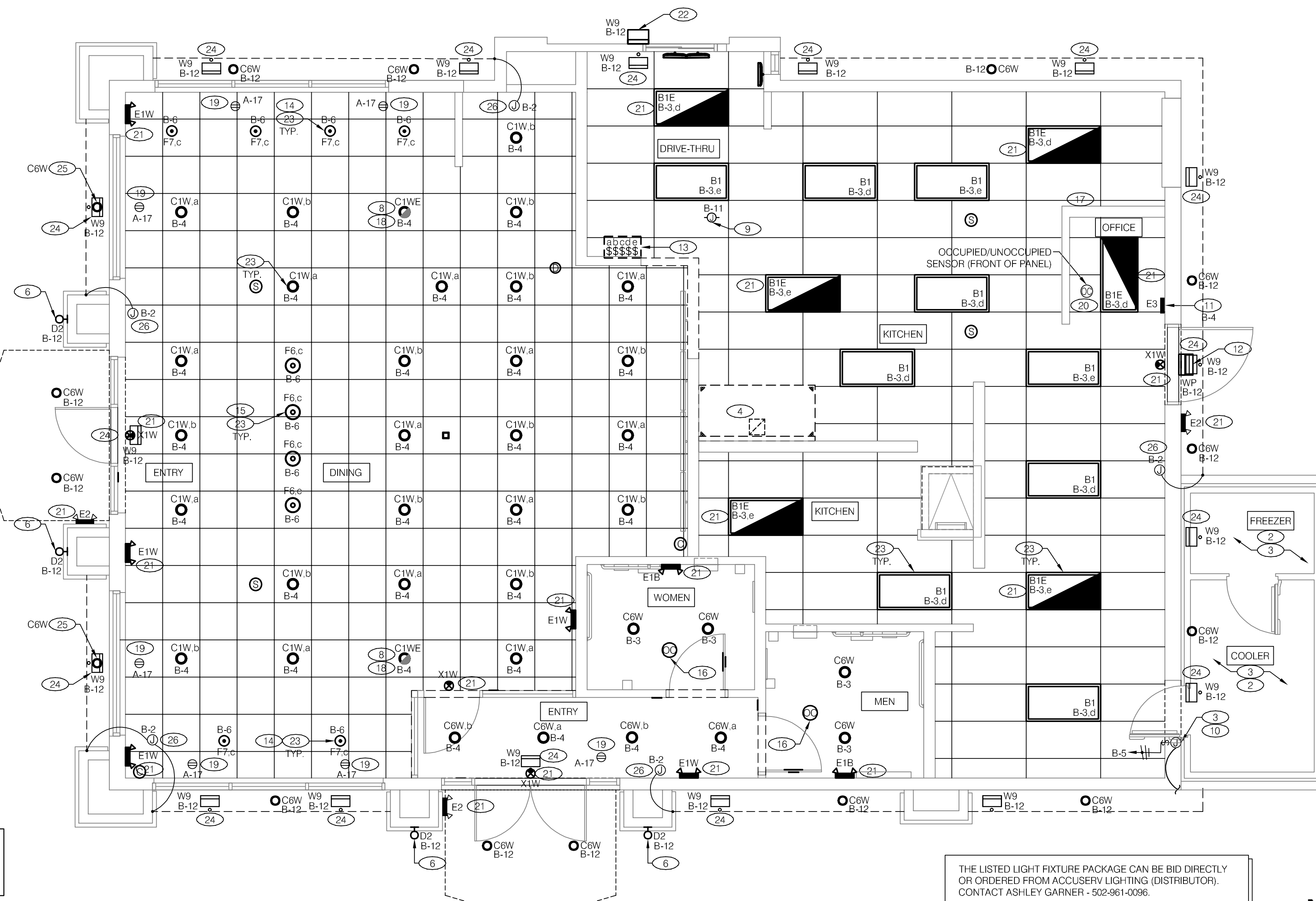
E3.1

PO SET ISSUED: 10.27.22

BRANCH CIRCUITS INSTALLED IN AREAS SLATED FOR DEMOLITION SHALL BE DISCONNECTED AND REMOVED BACK TO AN ACCESSIBLE LOCATION, TAGGED WITH CIRCUIT INFORMATION AND PROVIDED WITH PROTECTION FROM DEBRIS. CIRCUIT(S) THAT ARE TO BE REUSED SHALL BE RE-ROUTED (PROVIDE BRACING AS REQUIRED) TO AVOID DEMOLISHED AREA(S) AND RECONNECTED TO THE NEXT ELECTRICAL DEVICE IN THE RUN. CONTRACTOR TO VERIFY CIRCUIT INTEGRITY OF ALL MODIFIED CIRCUITS. VERIFY SERVING PANEL, BREAKERS AND BREAKER-OPTIONS FOR COMPLIANCE TO THE CURRENTLY ADOPTED ELECTRICAL STANDARDS.

CONTRACTOR SHALL USE EXISTING SPARE/SPACE OR REUSE EXISTING BRANCH CIRCUITS FOR LIGHTING, POWER AND SIGNAGE REMODEL. NEW/REUSED BRANCH CIRCUIT(S) SHALL MATCH THE MANUFACTURER'S PUBLISHED ELECTRICAL CHARACTERISTICS OF PROPOSED EQUIPMENT, AS WELL AS MATCHING THE CHARACTERISTICS OF SOURCE PANEL. WHERE APPLICABLE, CONTRACTOR SHALL PROVIDE ADDITIONAL ELECTRICAL DEVICES NECESSARY FOR COMPLIANCE (E.G. SHUNT-TRIP, OVER-RIDE, ADDITIONAL CONTROL, ETC.). REPLACE BRANCH CIRCUIT(S) IF CHARACTERISTICS DO NOT MATCH REPLACEMENT EQUIPMENT. REUSED, EXISTING BRANCH CIRCUIT SUPPLYING MULTIPLE OUTLETS SHALL BE VERIFIED FOR INTEGRITY AND CAPACITY OF ALL EQUIPMENT INSTALLED ON THAT CIRCUIT. ALL EXISTING/NEW BRANCH CIRCUITS BEING UTILIZED FOR THIS BUILDING RENOVATION SHALL BE FIELD-VERIFIED FOR INTEGRITY, CAPACITY (80% OF RATED BREAKER) AND SHALL MEET CURRENTLY ADOPTED NATIONAL ELECTRICAL CODE COMPLIANCE AS WELL AS ADDITIONAL REQUIREMENTS CONTAINED IN THESE DOCUMENTS. SEE DEMOLITION DRAWINGS FOR REMOVED EQUIPMENT. ALL NEW CONDUCTORS SHALL BE IN CONDUIT AND CONCEALED IN WALLS OR ABOVE CEILINGS.

NOTE:
DAYLIGHT AREAS LOCATED IN THE FIRST FLOOR OF A RESTAURANT ARE EXEMPT FROM DAYLIGHT-RESPONSIVE CONTROLS REQUIREMENTS PER 2015 IECC C405.2.3 EXCEPTION 4. (NOTE A RESTAURANT IS CLASSIFIED AS AN A-2 ASSEMBLY GROUP, AS DEFINED IN SECTION 303.3 OF THE I.B.C.)



THE LISTED LIGHT FIXTURE PACKAGE CAN BE BID DIRECTLY OR ORDERED FROM ACCUSEV LIGHTING (DISTRIBUTOR). CONTACT ASHLEY GARNER - 502-961-0096.



1 LIGHTING PLAN 1/4"=1'-0" A

KITCHEN (SEE PLANS)

a DIMMING SERVICE GENERAL LIGHTING
b DIMMING SERVICE GENERAL LIGHTING
c DIMMING SERVICE DECOR LIGHTING

RESTROOM (SEE PLANS)

d PREP. SERVING KITCHEN LIGHTING
e PREP. SERVING KITCHEN LIGHTING

1 LEVITON - CS120-2W, OR APPROVED EQUAL. PROVIDE COVERPLATE PER DECOR SPECIFICATIONS.

NOTES:

CONTRACTOR TO VERIFY EXACT CONFIGURATION REQUIRED WITH SPACE AVAILABLE. PROVIDE LABELS AS DIRECTED BY OWNER. SWITCHES SHALL NOT BE MOUNTED HIGHER THAN 48".

SWITCH "GANGING" SHOWN FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE (IN-FIELD) THE EXACT NUMBER OF GANGED SWITCHES ACCORDING TO TYPE OF SWITCHING USED AND DE-RATING FACTORS OF MULTIPLE DEVICES INSTALLED.

SWITCHES PROVIDE A MANUAL CONTROL POINT (BETWEEN THE LIGHTING CONTACTOR AND LIGHTING FIXTURES).

SWITCH BANK DETAIL E

- A. EMERGENCY AND NORMAL LIGHTING MARKED WITH "NL" SUBSCRIPT SHALL OPERATE CONTINUOUSLY. EMERGENCY LIGHTING NOT MARKED WITH "NL" SUBSCRIPT SHALL OPERATE UNDER CONTROL OF LIGHTING SWITCH AS INDICATED. PROVIDE UNSWITCHED CONSTANT HOT TO EMERGENCY CONTROL IN FIXTURE.
- B. PROVIDE ARROWS AND FACES AS INDICATED ON THE DRAWINGS.
- C. ELECTRICAL CONTRACTOR SHALL VERIFY ALL FIXTURE LOCATIONS WITH ARCHITECTURAL ELEVATIONS.
- D. ELECTRICAL CONTRACTOR SHALL INSTALL ALL CEILING MOUNTED LIGHTING FIXTURES IN LOCATIONS AS INDICATED ON THE ARCHITECTURAL REFLECTED CEILING PLAN.
- E. ALL PENDANT FIXTURES ARE PROVIDED WITH FACTORY INSTALLED 12' CORD AND STRAIN RELIEF FITTINGS. CONNECTION AND CUTTING OF CORD FOR PENDANT FIXTURE MOUNTING SHALL BE ONLY AT UPPER CANOPY.
- F. CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.
- G. ALL CONDUITS ENTERING OR LEAVING COOLER SHALL BE PROVIDED WITH EYS SEAL-OFF FITTING WITH COMPOUND PER NEC 300-7(a).
- H. ALL FIXTURES SUPPLIED WITH LAMPS.
- I. DOWNLIGHTS IN LATTA DROPPED CEILING SHALL HAVE WHITE TRIM RINGS.
- J. CONTRACTOR PRIOR TO ORDER/BID, SHALL COORDINATE WITH LIGHTING ACCOUNT FOR SPECIFIC MOUNTING HARDWARE FOR THE CEILING TYPE WHERE FIXTURES ARE TO BE INSTALLED.
- K. CLEAN CEILING TILES AND EXISTING GRID TO "LIKE NEW" CONDITION, UNLESS NOTED OTHERWISE.
- L. CONTRACTOR SHALL USE/REUSE EXISTING CIRCUITS FOR LIGHTING, POWER & SIGNAGE REMODEL. VERIFY LIGHTING CONTROLS FOR REUSE. CONTRACTOR TO VERIFY CIRCUIT INTEGRITY & CAPACITY. PROVIDE NEW ONLY AS NEEDED.

GENERAL NOTES D

NO.	QTY	LOCATION	MFR / CATALOG NUMBER	DESCRIPTION	#	LAMP TYPE	BALLAST TYPE	MOUNTING		VOLT	WATT	REMARKS
								TYPE	HT.			
B1	9	KITCHEN	MAXLITE MLFP-24DE-45-41	2x4 LED FLAT PANEL	-	LED	NA	RECESSED GRID		120	45	-
B1E	6	OFFICE & KITCHEN	MAXLITE MLFP-24DE-45-41-EM	2x4 LED FLAT PANEL	-	LED	EM	RECESSED FLANGE		120	45	PROVIDED WITH INTEGRAL BATTERY PACK
B2	0	KITCHEN	MAXLITE MLFP-22EP-35-41	2x2 LED FLAT PANEL	-	LED	NA	RECESSED GRID		120	36	-
B2E	0	RR	MAXLITE MLFP-14DE-35-41-EM	1x4 LED FLAT PANEL	-	LED	EM	RECESSED FLANGE		120	35	PROVIDED WITH INTEGRAL BATTERY PACK
C1W	26	DINING	TC: LED14DR5630K95 ELITE HOUSING: B6IC-AT-W	RECESSED LED DOWNLIGHT	1	LED	NA	RECESSED DROP CLG		120	14	-
C1WE	2	DINING	TC: LED14DR5630K95 ELITE HOUSING: B6IC-AT-W	RECESSED LED DOWNLIGHT	1	LED	NA	RECESSED DROP CLG		120	14	CONNECTED TO 'E3' FOR EMERGENCY OPERATION
C6W	23	ENTRY RR, EXT SOFFIT	TC: LED14DR5630K95 ELITE HOUSING: E45180172	RECESSED LED DOWNLIGHT	1	LED	NA	RECESSED HARD CLG		120	14	-
D2	4	EXTERIOR WALL	PROGRESS LIGHTING: P5642 BRONZE-20 USE 100-WATT EQUIVALENT LED LAMPS	14" x 17" EXTERIOR SCORNE	1	LED	NA	WALL	SEE ARCHITECTURAL	120	60	ALIGN BOTTOM OF FIXTURES
E1B	2	RESTROOM	ELITE ELM-809-B	2 HEAD EMERGENCY LIGHT FROG EYE - BLACK	2	5W/MR16	EM	WALL	TOP @ 9'-4" U.N.O.	120	10	WITH BATTERY BACK-UP
E1W	5	DINING	ELITE ELM-809-W	2 HEAD EMERGENCY LIGHT FROG EYE - WHITE	2	5W/MR16	EM	WALL	TOP @ 9'-4" U.N.O.	120	10	WITH BATTERY BACK-UP
E2	3	EXTERIOR	THOMAS & BETTS CAMLSDD8-CW	EXTERIOR EMERGENCY EGRESS FIXTURE	2	LED	EM	UNIVERSAL	SEE KEY NOTES	120	18	UNSWITCHED HOT
F7	6	PERIMETER TABLE	HI-LITE: H-24212-96-CB15-91-20-LBL TC: LED10A190D27K (BULB)	12" GALVANIZED WITH BLACK COORD AND CANOPY	1	10W LED	NA	PENDANT	6"-8" A.F.F.	120	20	CONTACT: PAULA PROTEAU paula.proteau@caplighting.com
F6	4	HUB TABLE	KICHLER: z38c202 AAMSCO: LED-3W-ST64-HYBRID-DIM (BULB)	3 7/8" DIAMETER, AVERY MIN GLASS PENDANT IN OLDE BRONZE	1	LED	NA	PENDANT	VARIES	120	6	CONTACT: PAULA PROTEAU paula.proteau@caplighting.com
WP	1	EXTERIOR WALL	RAB LIGHTING WPLED-52N	LED WALL PACK	1	LED	INCLUDED	SURFACE WALL	SEE ARCH DRAWINGS	120	52	PROVIDE MENA-3R JUNCTION BOX
X1W	4	DINING KITCHEN	LIGHTALARMS QLXN500R-N, PW-08118-L	EXIT SIGN, LED UNIVERSAL MOUNT LED	-	-	-	CEILING		120	3	PENDANT MOUNT FIXTURE +9" A.F.F. TO BOTTOM
E3	1	OFFICE	EVENLITE PW12-LC-V1-TB	BATTERY BACK-UP/ INVERTER	-	-	-			120	-	CONVERTS STANDARD FIXTURES TO EMER.
W9	17	EXTERIOR MENSARD	RAB LIGHTING #FFHLED18N	CAST ALUMINUM FLOOD LIGHT	1	18W LED	NA	TENON	SEE ARCH DRAWINGS	120	18	PROVIDE MENA-3R OR APPROVED EQUAL

NOTES:
1. CONTRACTOR TO CONSULT WITH LIGHTING MANUFACTURER'S TO PROVIDE FIXTURE LAMPS & UL LABELING TO REFLECT ACTUAL LAMP WATTAGE USED, NOT MAX FIXTURE WATTAGE.
2. RECESSED FIXTURES INSTALLED IN AN INSULATED CEILING SHALL BE I.C. RATED.

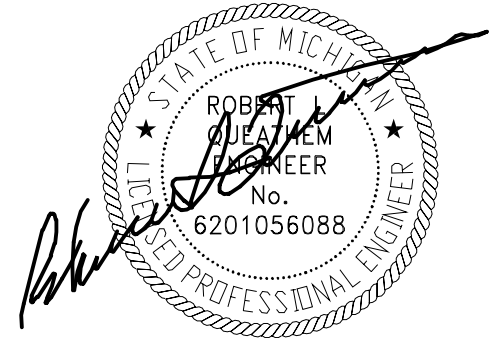
LIGHTING FIXTURE SCHEDULE C

1. UTILIZE TIMECLOCK CONTROLS FOR LIGHTING CIRCUITS. REFER TO E6.0 FOR ADDITIONAL INFORMATION.
2. WALK-IN FIXTURE & SWITCH FACTORY INSTALLED WITH UNIT. CONTRACTOR TO COMPLETE CIRCUITING. PROVIDE LIQUID-TIGHT FLEXIBLE CONDUIT FOR CONDUCTORS. REFER TO GENERAL NOTE 'G'.
3. FOR LIGHTING FIXTURES, CONDUIT, CONDUCTORS AND INSTALLATION RESPONSIBILITIES. REFER TO SCOPE OF WORK.
4. EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MOUNTED IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER E6.0 SERIES SHEETS.
5. NOT USED.
6. COORDINATE JUNCTION BOX LOCATION WITH FRAMING TO REMAIN CONCEALED BEHIND FIXTURE. VERIFY EXACT MOUNTING LOCATION WITH ARCHITECTURAL DRAWINGS.
7. NOT USED.
8. NIGHT LIGHT.
9. ALERT LIGHT: ONLY APPLIES WHEN A GEN IV POWER SOAK IS USED. DISREGARD IF GEN III POWER SOAK IS USED. SEE SHEET E3.0 FOR POWER REQUIREMENTS.
10. FIXTURE AND SWITCH FACTORY INSTALLED WITH UNIT. G.C. TO COMPLETE CIRCUITING.
11. PROVIDE NEW INVERTER. SEE LIGHTING FIXTURE SCHEDULE FOR INFORMATION. OPTIONAL MOUNTING CONFIGURATIONS THROUGH MANUFACTURER. INSTALL INVERTER AT A LOCATION TO MINIMIZE EXCESSIVE VOLTAGE-DROP ON CONDUCTORS. COORDINATE LOCATION WITH GENERAL CONTRACTOR. MAKE ALL FINAL CONNECTIONS.
12. MOUNT SECURITY LIGHT AT 8'-5" TO CENTER OF FIXTURE.
13. PROPOSED SWITCH BANK LOCATION FOR LOCAL LIGHTING CONTROL (COORDINATE EXACT SWITCH BANK LOCATION WITH OWNER IN FIELD). SEE DETAIL "E" THIS SHEET FOR CONFIGURATION. CONTRACTOR TO PROVIDE SWITCH INDICATION AND LABEL FOR THEIR INTENDED USE. (NOTE: CONTRACTOR TO FIELD-VERIFY LIGHTING AREA(S) BEING CONTROLLED ARE WITHIN SIGHT OF SWITCH BANK). ANY CONTROLLED LIGHTING AREAS, NOT WITHIN LINE OF SIGHT FROM THE SWITCH BANK, SHALL BE PROVIDED WITH A SWITCH WITH AN ANNUNCIATOR DEVICE (I.E. SWITCH WITH PILOT LIGHT). SO WHEN THE AREA BEING CONTROLLED IS SWITCHED-ON, THE CONTROLLING DEVICE IS ANNUNCIATED.
14. PENDANT MOUNT FIXTURE JUNCTION BOX CENTER OVER TABLE. SECURELY FROM STRUCTURE/CEILING. PROVIDE ADDITIONAL SUPPORT FOR FIXTURE LENGTH.
15. NEW CHANDELIER LIGHT FIXTURE. CENTER OVER WORKBENCH TABLES. CIRCUIT WITH EXISTING PENDANT LIGHTING (SWITCH LEG C). SEE KEY NOTE #14. SEE LIGHTING FIXTURE SCHEDULE FOR MORE INFORMATION.

16. REFER TO DETAIL "B", SHEET E7.0. CIRCUIT RESTROOMS AHEAD OF ANY LOCAL LIGHTING CONTROL OR RELAY.
17. NEW TBCCB CONTROL. CONTRACTOR TO CIRCUIT ALL LIGHTING CIRCUITS THRU CONTROL BOX PER CONTROL BOX MANUFACTURER'S SPECIFICATIONS. CONTRACTOR SHALL ORDER TBCCB CONTROL BOX THROUGH AIR CARE EXPRESS. NO EXCEPTIONS. REFER TO DETAIL B, SHEET E3.1 AND SHEET 6.0 FOR ADDITIONAL INFORMATION.
18. FIXTURES WIRED THROUGH INVERTER 'E3'. REFER TO KEYED NOTE #11.
19. FLUSH MOUNTED JUNCTION BOX WITH NEMA TYPE RECEPTACLE & COVER TO MATCH DECOR. MOUNT WITHIN 6" ABOVE OR 18" PROJECTION FROM WINDOW PER N.E.C. ARTICLE 210.62. ROUTE CIRCUIT THROUGH TBCCB PANEL FOR CONTROL.
20. FLUSH MOUNTED REMOTE MOTION SENSOR (OPTIONAL WITH TBCCB CONTROLLER) FOR OVERRIDE CONTROL OF LIGHTING CONTROL SYSTEM. CONTRACTOR TO VERIFY IN-FIELD THE FINAL LOCATION FOR COVERAGE OF ENTRYWAY(S). TERMINATE WIRING IN CONTROL PANEL. REFERENCE E6.0 FOR DIRECTION.
21. EMERGENCY LIGHT FIXTURE WITH A 90 MINUTE (MINIMUM) EMERGENCY BATTERY BACK-UP. PROVIDE A SEPARATE HOT LEAD FROM LOCAL AREA LIGHTING CIRCUIT, TO EM CONTROL IN FIXTURE. BY-PASSING ALL SWITCHING AND LIGHTING CONTROL. (NOTE: CONTRACTOR TO VERIFY/PROVIDE RED HANDLE LOCK ON CLIP AND IDENTIFICATION OF CIRCUIT BREAKERS SERVING EMERGENCY FIXTURES). SEE LIGHTING FIXTURE SCHEDULE AND GENERAL NOTES. THIS SHEET. (NOTE: CONTRACTOR TO PROVIDE ADDITIONAL CODE COMPLIANT EMERGENCY EGRESS LIGHTING FIXTURES IF REQUIRED BY THE A.H.J.)
22. MOUNT EXTERIOR FIXTURE AT 8'-2" A.F.G. TO CENTER OF FIXTURE.
23. NEW LIGHTING FIXTURE. SEE LIGHTING SCHEDULE FOR MORE INFORMATION.
24. CONTRACTOR SHALL REPLACE EXISTING ROOF MANSARD LIGHT FIXTURE WITH SPECIFIED LED FIXTURE. INCLUDE FIXTURE BASE FOR SECURE ROOF MOUNTING FROM MANUFACTURE. COORDINATE WIRING RUN TO MINIMIZE VOLTAGE DROP. VERIFY PROPOSED CIRCUIT ROUTING IN-FIELD WITH G.C.. DO NOT RUN CONDUIT WHERE SUBMERGED IN WATER. ALL DEVICES SHALL BE NEMA-3R MINIMALLY RATED.
25. NEW RECESSED SOFFIT/CANOPY LIGHT FIXTURE. SEE DETAIL D, THIS SHEET. CIRCUIT THROUGH TBCCB FOR OPERATION.
26. NEMA-1 JUNCTION BOX MOUNTED ON THE EXTERIOR WALL, ABOVE THE ACCESSIBLE CEILING FOR TERMINATION TO VENDOR-SUPPLIED WINDOW ACCENT LIGHTING POWER SUPPLY. ROUTE BRANCH CIRCUIT THROUGH LIGHTING CONTROL. COORDINATE WITH SIGN VENDOR FOR EXACT LOCATIONS.

KEY NOTES B

ARCVISION
INCORPORATED
ARCHITECTURE • ENGINEERING • STORE PLANNING
SAINT LOUIS / DALLAS / LAS VEGAS / ORLANDO
1980 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
PH. (314) 415-2400 FAX (314) 415-2300 www.arcvision.com



10/28/22

CONTRACT DATE:
BUILDING TYPE: N2T-M70HD
PLAN VERSION: ENDEAVOR
BRAND DESIGNER: FRANK WACHO
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

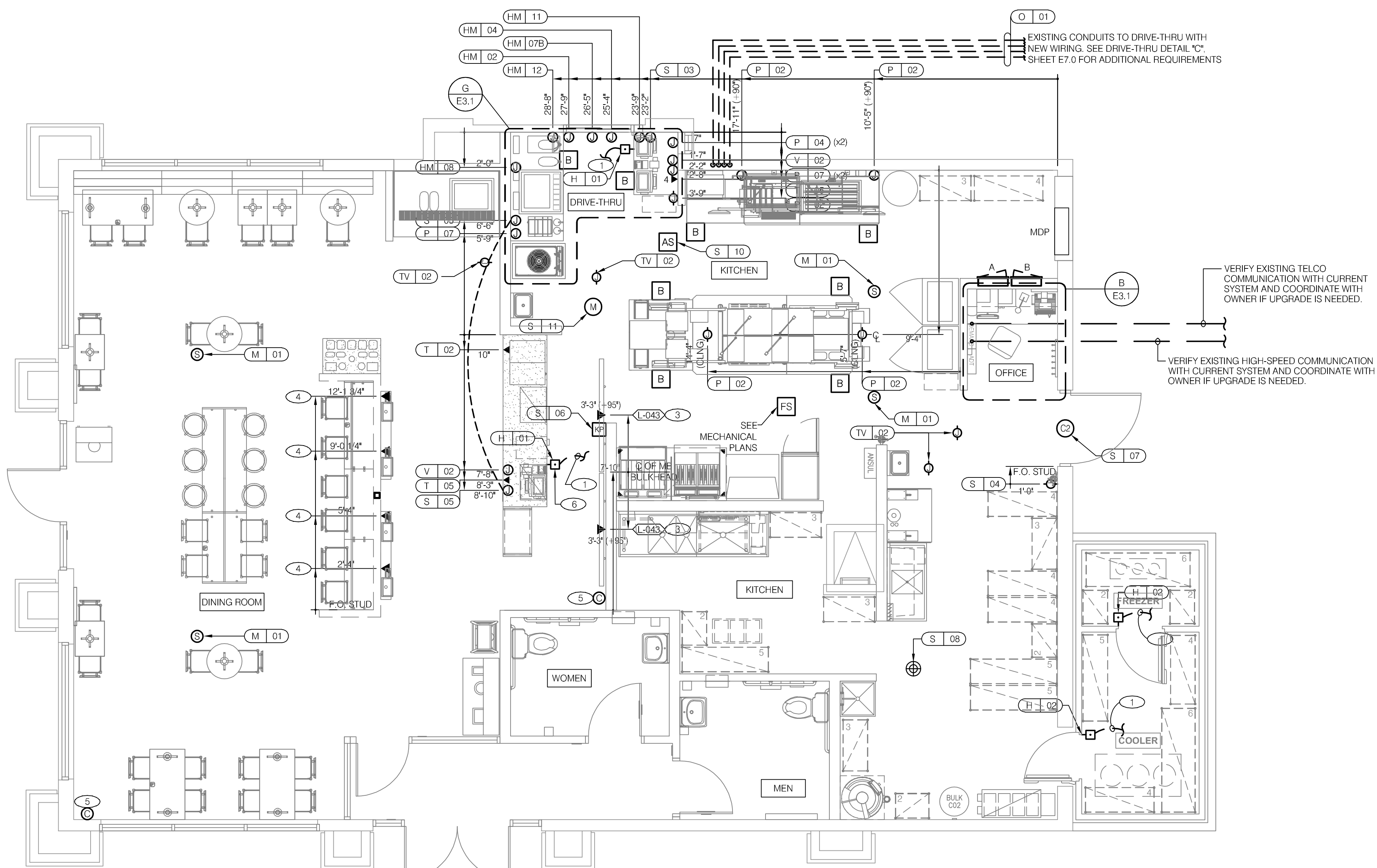
TACO BELL
205 ANN ARBOR RD
PLYMOUTH, MI 48170



LIGHTING PLAN AND SCHEDULE

E4.0

RS SET ISSUE: 10.27.22



EXISTING CONDUITS TO DRIVE-THRU WITH NEW WIRING. SEE DRIVE-THRU DETAIL "C" SHEET E7.0 FOR ADDITIONAL REQUIREMENTS

VERIFY EXISTING TELCO COMMUNICATION WITH CURRENT SYSTEM AND COORDINATE WITH OWNER IF UPGRADE IS NEEDED.

VERIFY EXISTING HIGH-SPEED COMMUNICATION WITH CURRENT SYSTEM AND COORDINATE WITH OWNER IF UPGRADE IS NEEDED.

- HOLD-UP BUTTON (SEE DETAILS C & D, SHEET E3.1)
- ⊙ MUSIC SYSTEM SPEAKERS
- ⊠ SECURITY STROBE
- J-BOX
- ◀ 2" x 4" J-BOX W/ DATA PORTS
- ⊙ MOTION DETECTOR
- ⊙ OCCUPANCY SENSOR, CEILING MOUNTED. SEE DETAIL B / E7.0
- ⊙ DOOR CONTACT
- ⊙ DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)
- ⊙ "SOUND ALERT" DEVICE
- ⊙ KEYPAD (MOUNTED AT 48" A.F.F.)
- ⊙ ALARM SIREN ABOVE CEILING
- ⊙ BUMP PAD (MOUNT AT FRONT COUNTER)
- ⊙ HOOD FIRE SUPPRESSION SYSTEM PULL STATION
- ⊙ TECH-IN-A-BOX

COMMUNICATIONS LEGEND **C**

1. 1/2" CONDUIT WITH PULL STRING FOR HOLD-UP BUTTON SIGNAL WIRE TO SECURITY.
2. ROUTE CONDUIT/CONDUCTORS THRU MILLWORK TO NEAREST FULL HEIGHT WALL TO STUB-UP. ROUTE CONDUIT TO AVOID OBSTACLES/EQUIPMENT IN MILLWORK.
3. ELECTRICIAN TO RUN (3) ORANGE CAT 6 LINES FROM NETWORK SWITCH TO DATA JUNCTION BOX. CAT6 LINES SHOULD HAVE BOTH ENDS PROPERLY TERMINATED WITH RJ45 CONNECTORS. EXCESS CAT6 CABLE TO BE COILED INTO SERVICE LOOPS AT EACH END AND LEFT ACCESSIBLE FOR DMB INSTALL TEAM. CAT6 TO BE RUN IN ACCORDANCE WITH ALL LOCAL MUNICIPALITY CODE REQUIREMENTS.
4. PROVIDE CAT6 (2 CABLES PER TABLET) FROM TERMINATION BOX IN OFFICE. SEE E3.0 AND A8.1 FOR MORE INFORMATION. RUN IN SEPARATE CONDUIT FROM POWER.
5. DETERMINE CAMERA LOCATIONS AND CONNECTIONS IN-FIELD WITH SECURITY TECHNICIAN.
6. HOLD-UP BUTTON SHALL BE INSTALLED 2-1/2" BEHIND COUNTER EDGE.

KEY NOTES **D**

- A. SUPPLY AND INSTALL OUTLETS AND CONDUIT FOR OWNER SUPPLIED AND INSTALLED CABLE AND LOW VOLTAGE WIRING (U.O.N.) TELEPHONE AND MUSIC SYSTEM WIRING SHALL BE SUPPLIED AND INSTALLED. SEE SCOPE OF WORK SHEETS.
- B. SEE SHEETS, E3.0 AND E3.1 FOR ELECTRICAL INFO ON POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.
- C. THIS PLAN INCLUDES CONDUITS AND J-BOXES FOR POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, TELEPHONE SYSTEM, MUSIC SYSTEM, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.
- D. ALL OUTLETS AND BOXES MOUNTED IN THE SERVING COUNTER CABINETRY ARE TO BE 24" AFF. INSTALL JUNCTION BOXES WITH CONDUIT UNDER CABINET TO NEAREST WALL AND TO ABOVE CEILING.

COMMUNICATIONS NOTES **E**

COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
H 01	UNDER COUNTER SECURITY BUTTON		INSTALL 3045 CTW PART. SEE DETAIL D/E3.1
H 02	WALL MOUNTED SECURITY BUTTON	+18" A.F.F.	2x4 J-BOX FLUSH MOUNTED IN WALK-IN WALL BY COOLER MANUFACTURER WITH 1/2" CONDUIT TO OUTSIDE OF COOLER NEAR KITCHEN CEILING. SECURITY SYSTEM INSTALLER TO INSTALL HOLD-UP BUTTON FACING DOWN AND RUN WIRING. SEE DETAIL C/E3.1
HM 02	D/T TIMER SIGNAL PROCESSOR J-BOX	+114" A.F.F.	4X4X4" DEEP (MIN.) J-BOX ABV. CLG. W/ (1) 1" CONDUIT TO HM-07B, (1) 1" CONDUIT TO HM-04, (1) 1-1/2" CONDUIT TO HM-08 & (1) 1" CONDUIT TO HM-12. SEE DET. G/E3.1.
HM 03	D/T BASE STATION J-BOX	+72" A.F.F.	4X4 J-BOX @ D/T BASE STATION W/ (1) 1-1/2" C TO HM-08 & (1) 1-1/2" C TO HM-07A. SEE DET. G/E3.1.
HM 04	D/T COMM SYSTEM J-BOX	+18" A.F.F.	4X8 J-BOX W/ (1) 1" CONDUIT TO HM-02, (1) 1" CONDUIT TO HM-07A, (1) 1" CONDUIT TO PICK-UP WINDOW D/T LOOP, AND (3) 1" CONDUITS TO D/T MENU BOARD. SEE DET. G/E3.1.
HM 07A	D/T TIMER DISPLAY J-BOX	+62" A.F.F.	2X4 J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 AND (1) 1" C TO HM-04. SEE DET. G/E3.1.
HM 07B	D/T TIMER DISPLAY J-BOX	+108" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-02. SEE DET. G/E3.1.
HM 08	D/T J-BOX	+96" A.F.F.	4X4X4" DEEP (MIN.) J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 & (1) 1-1/2" CONDUIT TO HM-02. SEE DET. G/E3.1.
HM 10	OCB SWITCH	+52" A.F.F.	2X4 J-BOX W/ (1) 1" CONDUIT TO ABOVE CEILING
HM 11	D/T CONTROL UNIT J-BOX	+108" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-12. SEE DET. G/E3.1.
HM 12	D/T ETHERNET SWITCH J-BOX	+114" A.F.F.	2X4 J-BOX ABV. CLG W/ (1) 1" CONDUIT TO HM-11, 1" CONDUIT TO HM-02, AND 1" CONDUIT TO OFFICE ROUTER
IR 01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES.
M 01	RECESSED CEILING SPEAKERS, COLOR - BLACK	CEILING	SPEAKER WIRING FROM SPEAKERS IN DINING ROOM TO AMPLIFIER IN OFFICE.
M 03	MUSIC SYSTEM J-BOX	+60" A.F.F.	4X4 J-BOX & COVER W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR MUSIC SYSTEM. SEE SCOPE OF WORK.
O 01	(4) 1" DATA CONDUITS	U.G.	FROM MENU BOARD/SPEAKER POST TO ABOVE CEILING FOR OCB AND D/T COMM. SYST. SEE DET. C/E7.0.
P 01	KITCHEN MONITOR J-BOX	@ CLG.	2X4 J-BOX FLUSH @ CEILING. FOR M.A.P.S. LINE / DRIVE THRU MONITOR J-BOX.
P 04	BUMP PAD J-BOX	+24" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-02
P 07	POS J-BOX W/ 2-1/2" DIA HOLE IN COVER PLATE	+24" A.F.F.	6X6X4" DEEP J-BOX W/ 2-1/2" CONDUIT IN WALL TO ABV. CEILING, WITH PULL STRING FOR POS.
S 01	J-BOX SECURITY SYSTEM	+48" A.F.F.	4X4 J-BOX AT SECURITY SYSTEM CONTROL PANEL W/ (1) 2" CONDUIT TO S-02.
S 02	J-BOX SECURITY SYSTEM	+106" A.F.F.	4X4 J-BOX ADJACENT TO T-02 W/ (1) 2" CONDUIT TO S-01.

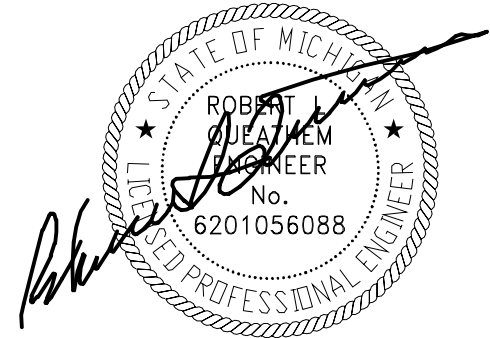
COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
S 03	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABV. CLG. FOR HOLD-UP BUTTON SIGNAL WIRE. SEE ELEVATION C/E3.1.
S 04	J-BOX SECURITY SYSTEM	+84" A.F.F.	2X4 J-BOX W/ COVER & (1) 1/2" CONDUIT TO ABOVE CEILING.
S 05	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ 3/4" CONDUIT TO S-05 AND TO ABOVE CEILING.
S 06	J-BOX SECURITY SYSTEM	+48" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR SECURITY SYSTEM KEYPAD.
S 07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR DOOR CONTACT.
S 08	"SOUND ALERT" DEVICE	CEILING	CONNECT TO SECURITY SYSTEM.
S 09	SECURITY STROBE LIGHT	CEILING	CONNECT TO SECURITY SYSTEM.
S 10	ALARM SIREN	ABV. CEILING	CONNECT TO SECURITY SYSTEM
S 11	MOTION / HEAT DETECTOR	+78" A.F.F.	STUB 1/2" CONDUIT. D5835 OR D5820. MOUNT 90" A.F.F. FOR OFFICE
S 12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOR SECURITY DVR.
T 01	TELEPHONE SERVICE BOX PER LOCAL TELEPHONE COMPANY. PROVIDE 24"x24"x3/4" PLYWOOD PANEL AT CLG. PROVIDE PULL STRING IN 2" CONDUIT.	+48" A.F.F.	PROVIDE (1) 25 PAIR TELEPHONE CABLE. ONLY (2) LINES TO BE USED. LINE ONE FOR VOICE/FAX. LINE (2) FOR COMPUTER MODEM.
T 02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RJ-31X PHONE JACK.
T 03	VOICE LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ DOUBLE RJ-11 PHONE JACK & 1" CONDUIT TO ABOVE CEILING.
T 04	COMPUTER LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ RJ-11 PHONE JACK AND 1" CONDUIT TO ABOVE CEILING.
T 05	POS PHONE JACK	+24" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING.
TV 01	CLOSED CIRCUIT TELEVISION (CCTV)		CCTV INSTALLATION IS BASED ON THE CRIME INDEX AS DETERMINED BY YUM! LOSS PREVENTION MANAGER. THE STANDARD CCTV PACKAGE WILL CONSIST OF (1) CCTV MONITOR W/ WALL BRACKET AND (1) MINI-DOME CAMERA MID. TO BTM OF MENU BOARD BULK-HEAD.
TV 02	SECURITY CAMERA	BULKHEAD/ CEILING	MINI-DOME CAMERA. 2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING (7 TOTAL).
V 01	ALTERNATE PAYMENT ROUTER BOX	+90" A.F.F.	4X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES (DOUBLE JACK)
V 02	CREDIT CARD READER (VSAT)	+24" A.F.F.	2X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES.

COMMUNICATIONS ROUGH-IN SCHEDULE **B**

COMMUNICATIONS PLAN 1/4"=1'-0" **A**



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10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHE
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

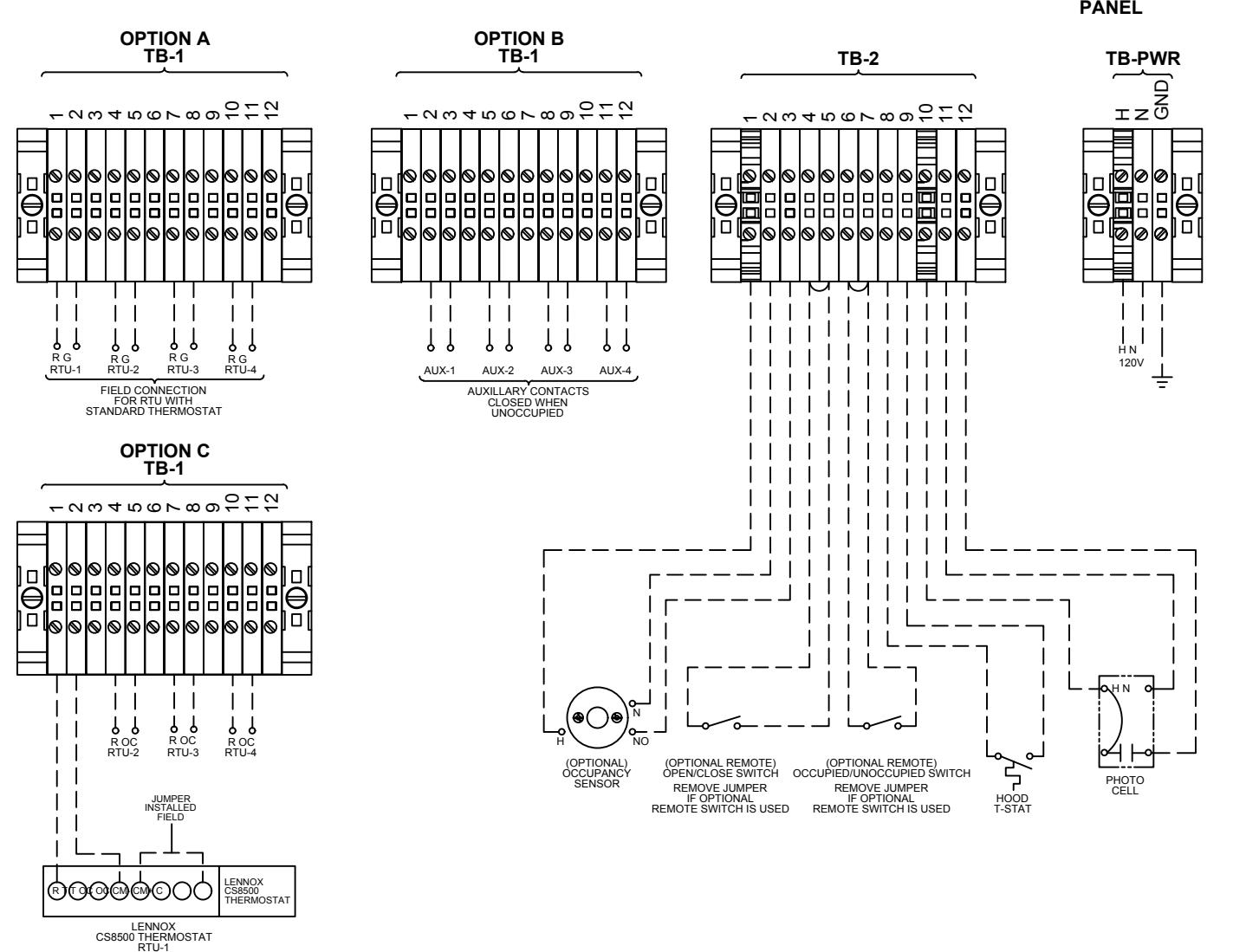
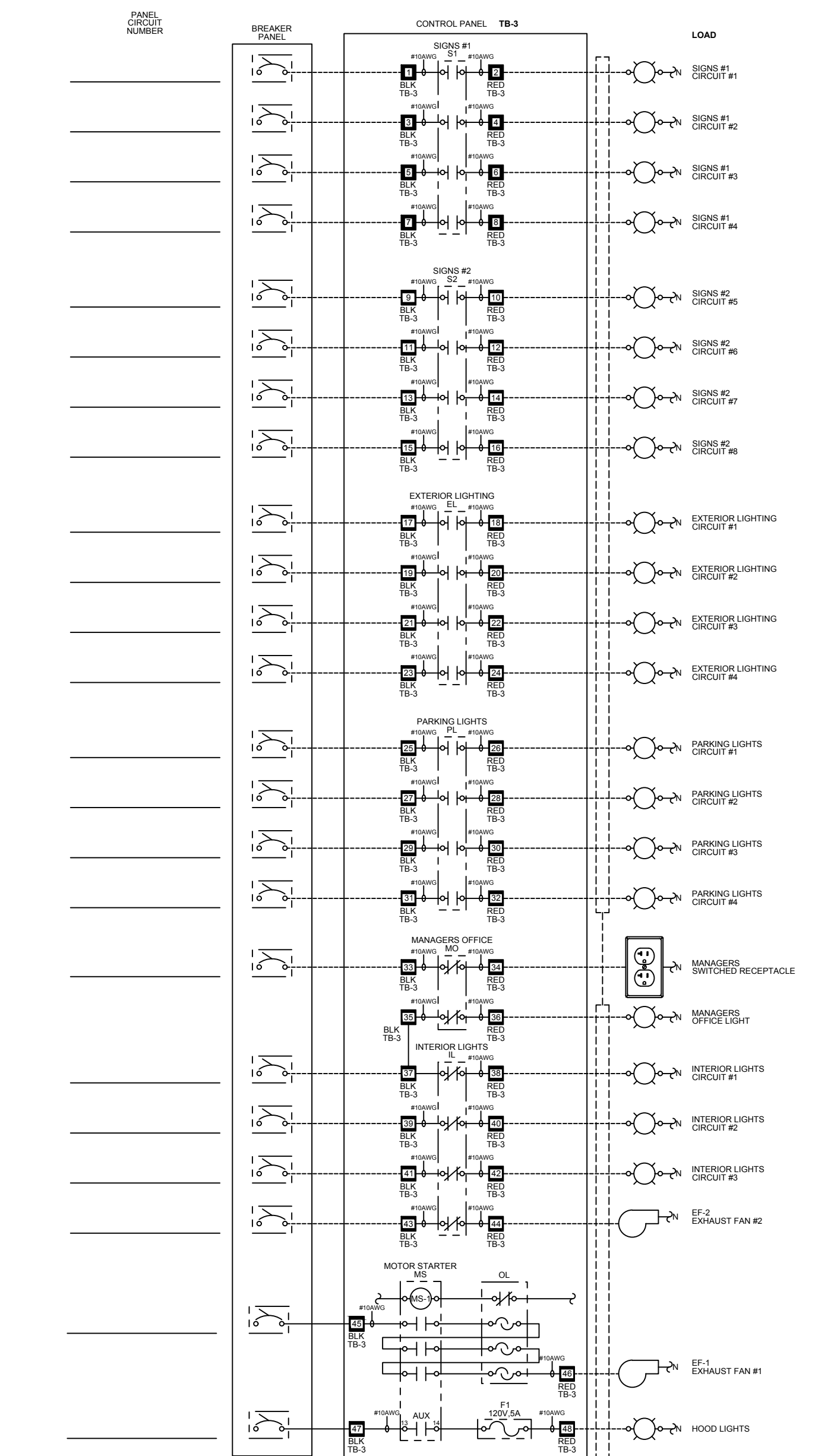
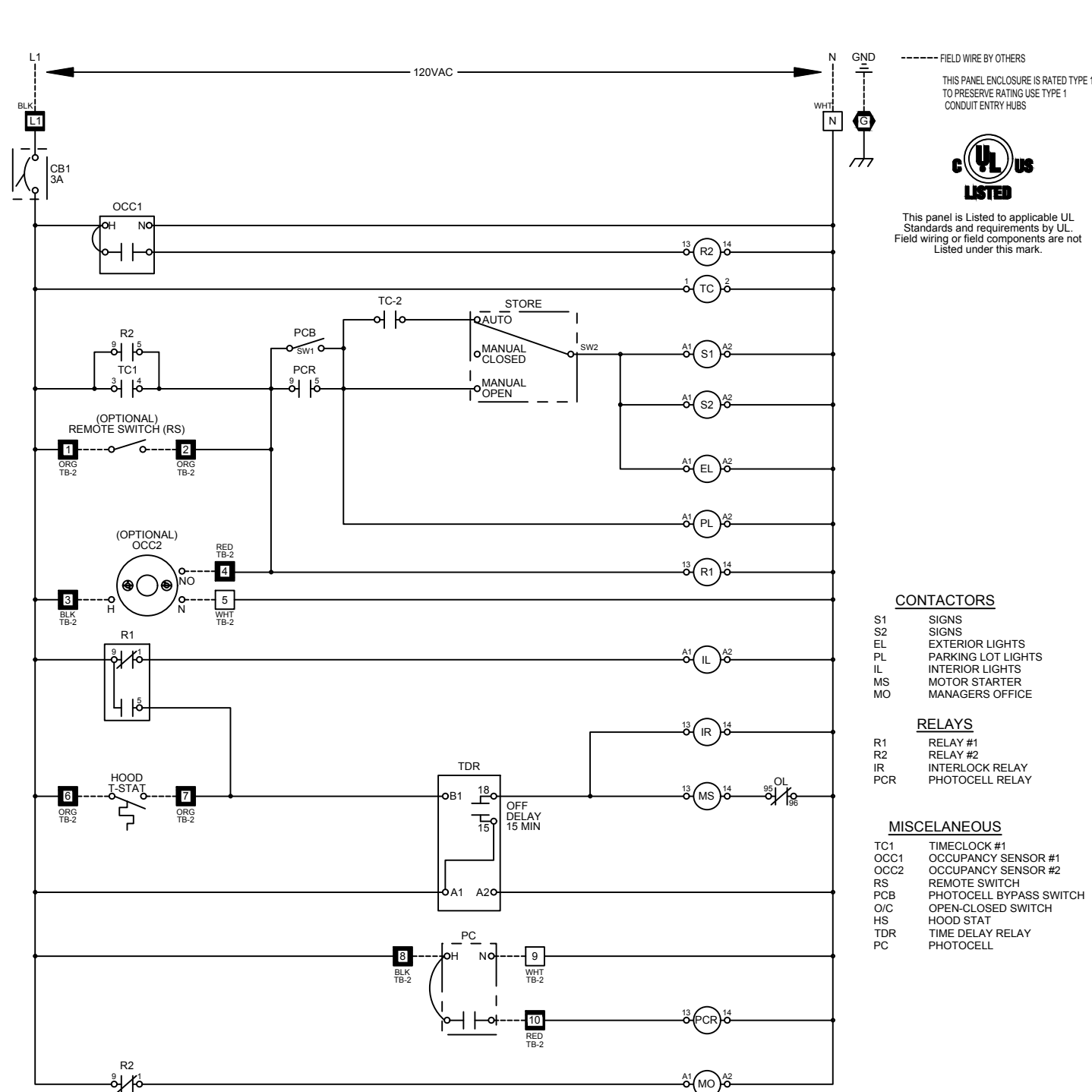
TACO BELL
 205 ANN ARBOR RD.
 PLYMOUTH, MI 48170



COMMUNICATIONS PLAN

E5.0

RS SET ISSUED: 10.27.22



TBCCB-3-WOS SEQUENCE OF OPERATION

The intent of the BMS Control Box (TBCCB-3-WOS) is to activate or deactivate the following:

- Kitchen Lighting
- Dining Room Lighting
- Exterior Lighting
- Exterior Signs
- Exhaust hood exhaust fan
- Exhaust hood lighting
- Make up air / replacement air fan
- Cook line exhaust fan
- Managers Office lighting & at least one duplex outlet

Sequence of Operation

(Building) Occupied Mode
When the Occupied/Unoccupied selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 1 of the Timeclock in the Control Box is programmed to place the building in Occupied mode 15 minutes before the first Team Member arrives on the premises. This commands on the following:

- The Parking Lot Lights, provided the photo cell indicates it is dark enough for them to be on
- The restroom and cook line exhaust fan marked "EF-2"

- Dining Room Lights, provided their local switch is in the ON position
 - Kitchen and rest room lights, provided their local switch and or occupancy sensors are in the ON position
 - The exhaust hood exhaust fan marked "EF-1"
 - The make up air replacement air fan (evaporator fan) in RTU 1 and RTU 2.
- Occupied mode may also be invoked when any of the following occur:
- an Occupancy sensor on the front of the TBCCB-3-WOS panel senses motion
 - when an optional remote Occupancy sensor senses motion
 - when a remote Occupied switch is in the Occupied position
 - when the Occupied/Unoccupied switch on the front of the TBCCB-3-WOS is placed in the MANUAL OCCUPIED position

(Building) Unoccupied Mode
When the Occupied/Unoccupied selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 1 of the Timeclock in the Control Box is programmed to place the building in Unoccupied mode 15 minutes after the last Team Member leaves the premises. This commands OFF the following:

- The Parking Lot Lights
- The restroom and cook line exhaust fan marked "EF-2"
- Dining Room Lights
- Kitchen room lights
- The exhaust hood exhaust fan marked "EF-1"

(Sales) OPEN mode
When the OPEN/CLOSED selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 2 of the Timeclock in the Control Box is programmed to place the building in OPEN (FOR SALES) mode. This commands on the following:

- The Exterior Building Lights, provided the photo cell indicates it is dark enough for them to be on
- The Exterior Signs, provided the photo cell indicates it is dark enough for them to be on

(Sales) CLOSED mode
When the OPEN/CLOSED selector switch on the front of the TBCCB-3-WOS panel is in the "Auto" position, Channel 2 of the Timeclock in the Control Box is programmed to place the building in CLOSED (FOR SALES) mode. This commands OFF the following:

- The Exterior Building Lights
- The Exterior Signs

- NOTES:**
1. VISUAL VERIFICATION OF THIS INSTALLATION IS REQUIRED. SEE SHEET MECHANICAL
 2. PANEL IS SURFACE MOUNT
 3. PROTECT INTERIOR FROM METAL SHAVINGS & DEBRIS

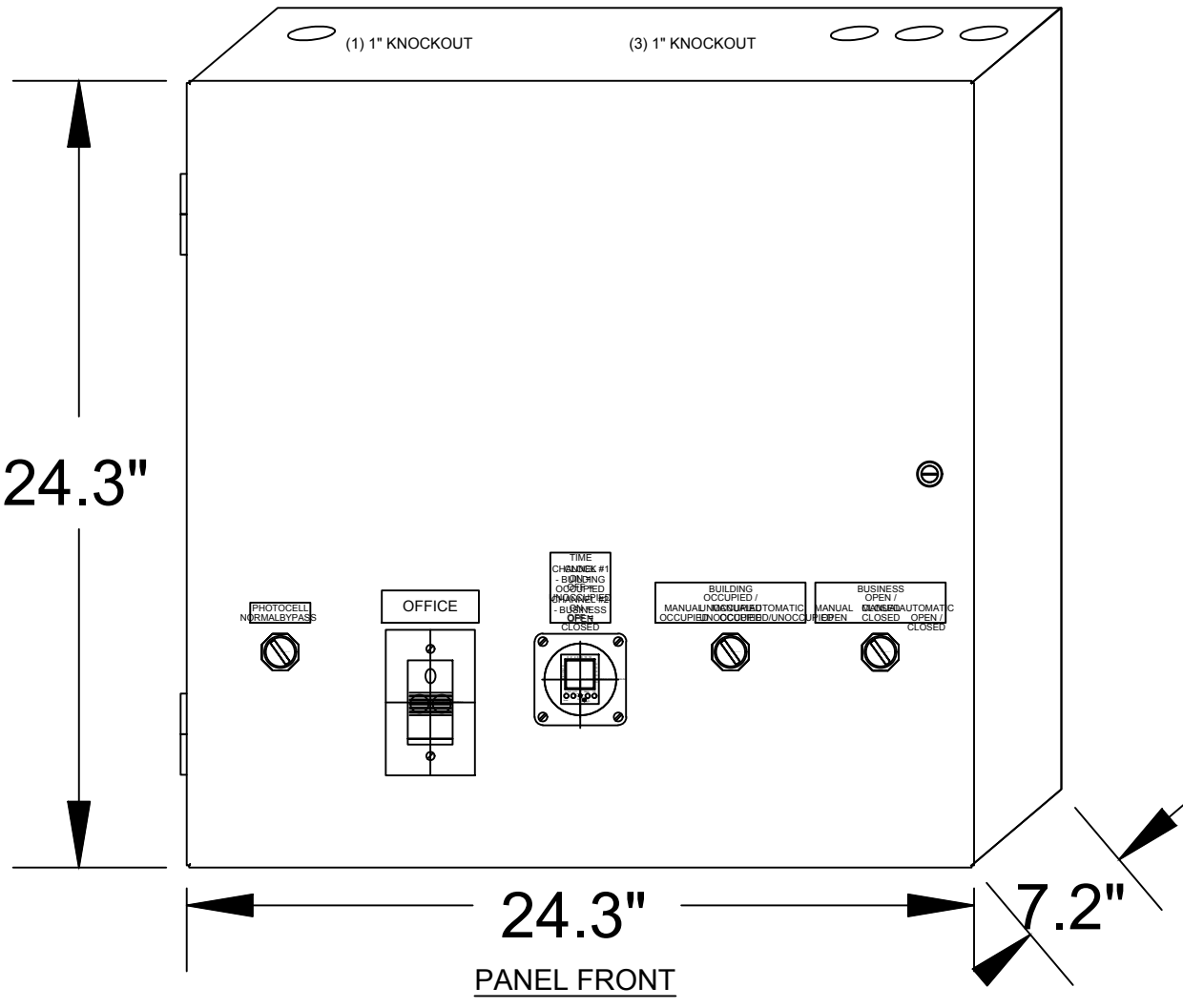
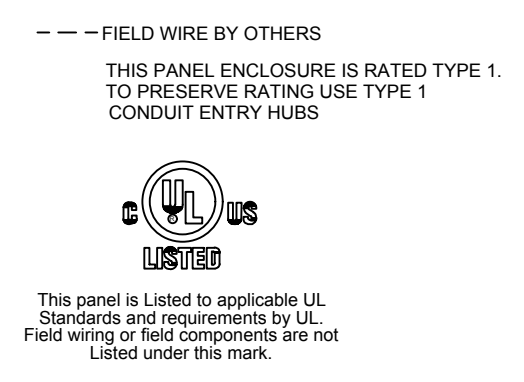
CONTROL BOX

TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR CARE EXPERTS. UNLESS NOTED OTHERWISE, TBCCB-3-WOS CONTROL BOX TO BE PURCHASED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

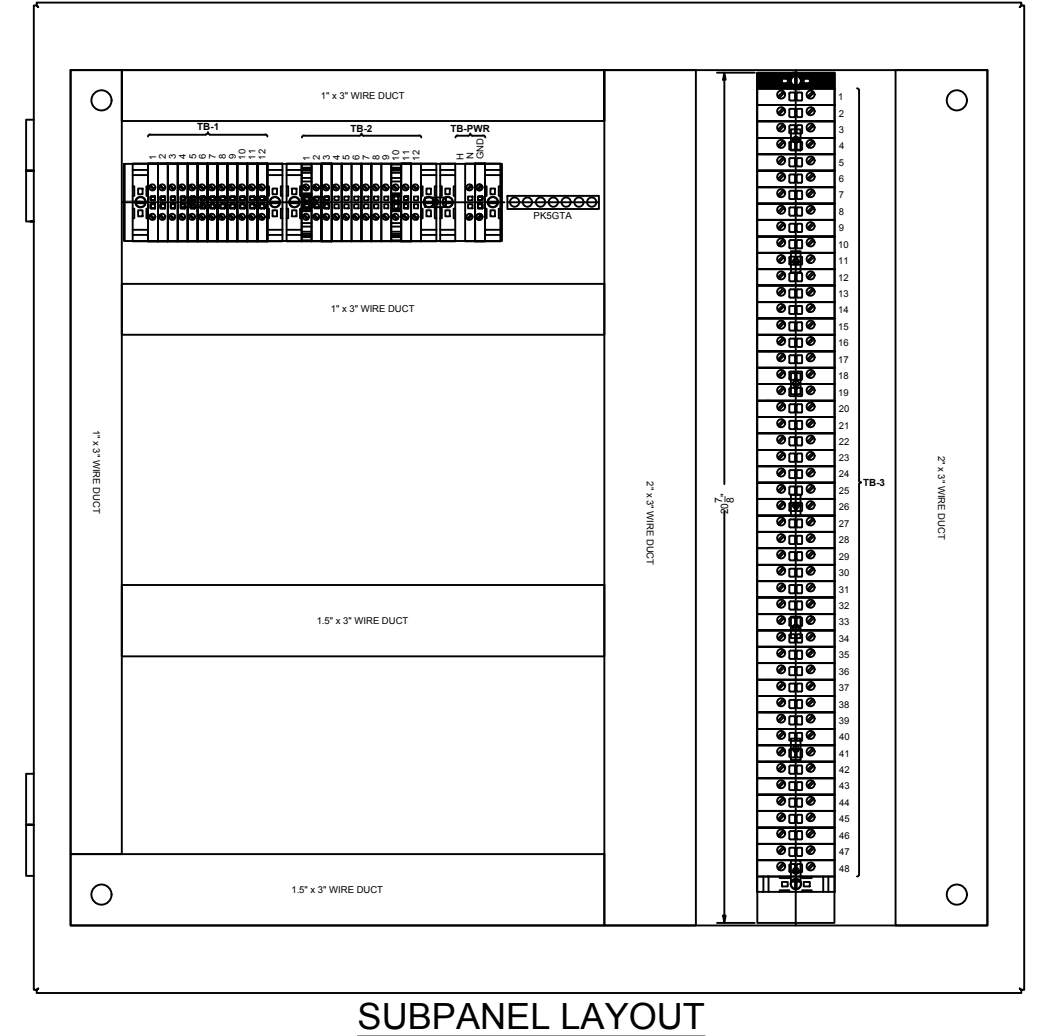
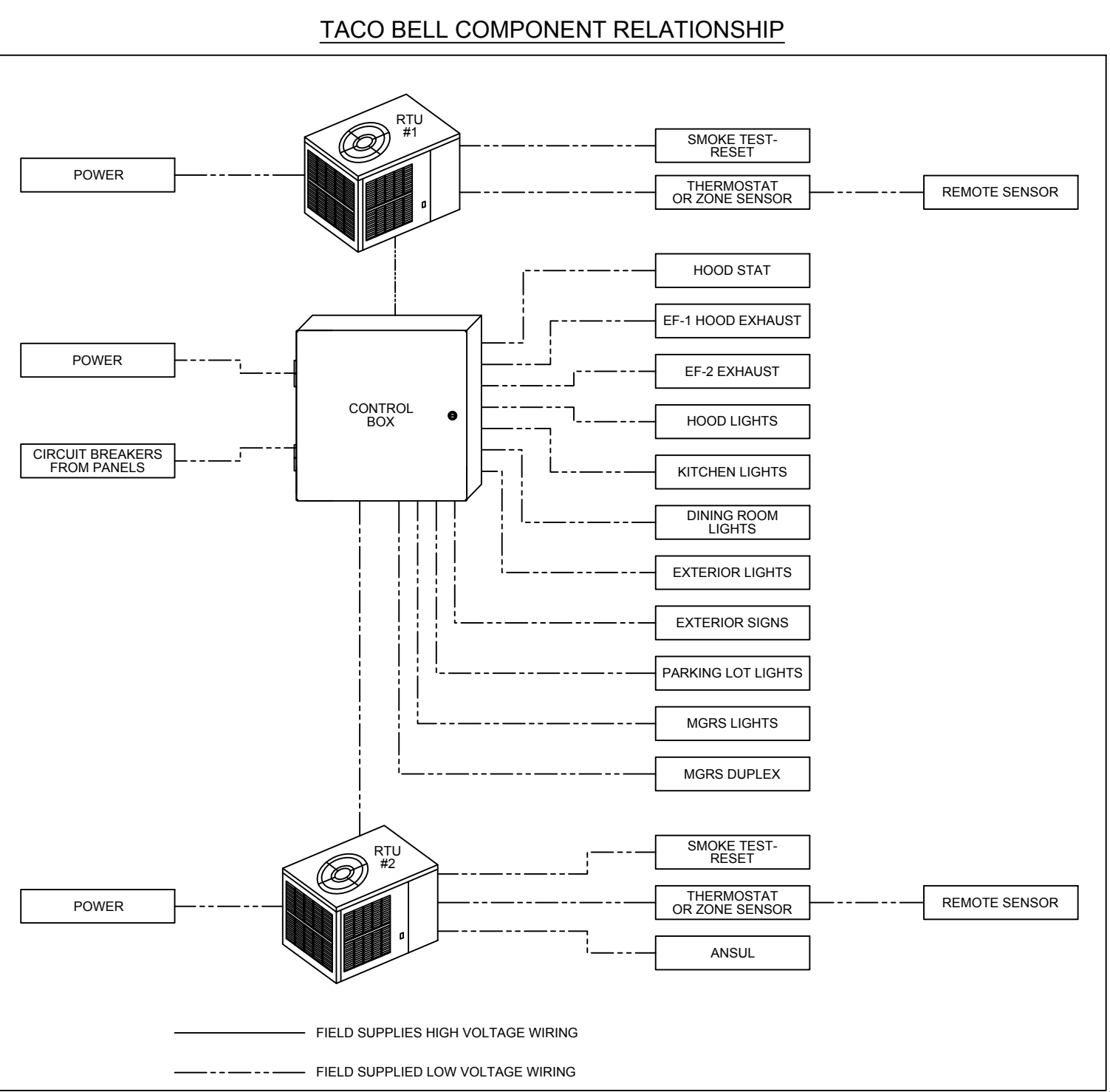
NOTE: TBCCB-3 WOS MAY BE INCLUDED IN THE LIGHTING PACKAGE. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO VERIFY.

TBCCB-3-WOS INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX.

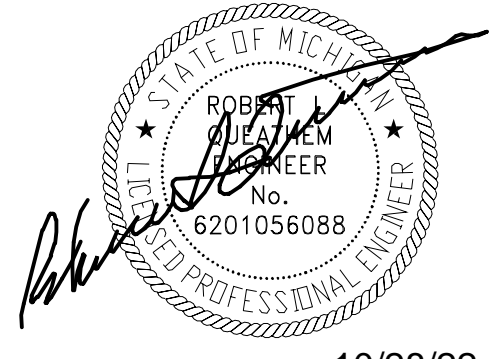
PRIMARY CONTACT: CHUCK MCCABE
PHONE: 949 770 2222
EMAIL: INFO@ACE-EMS.COM



TBCCB-3-WOS



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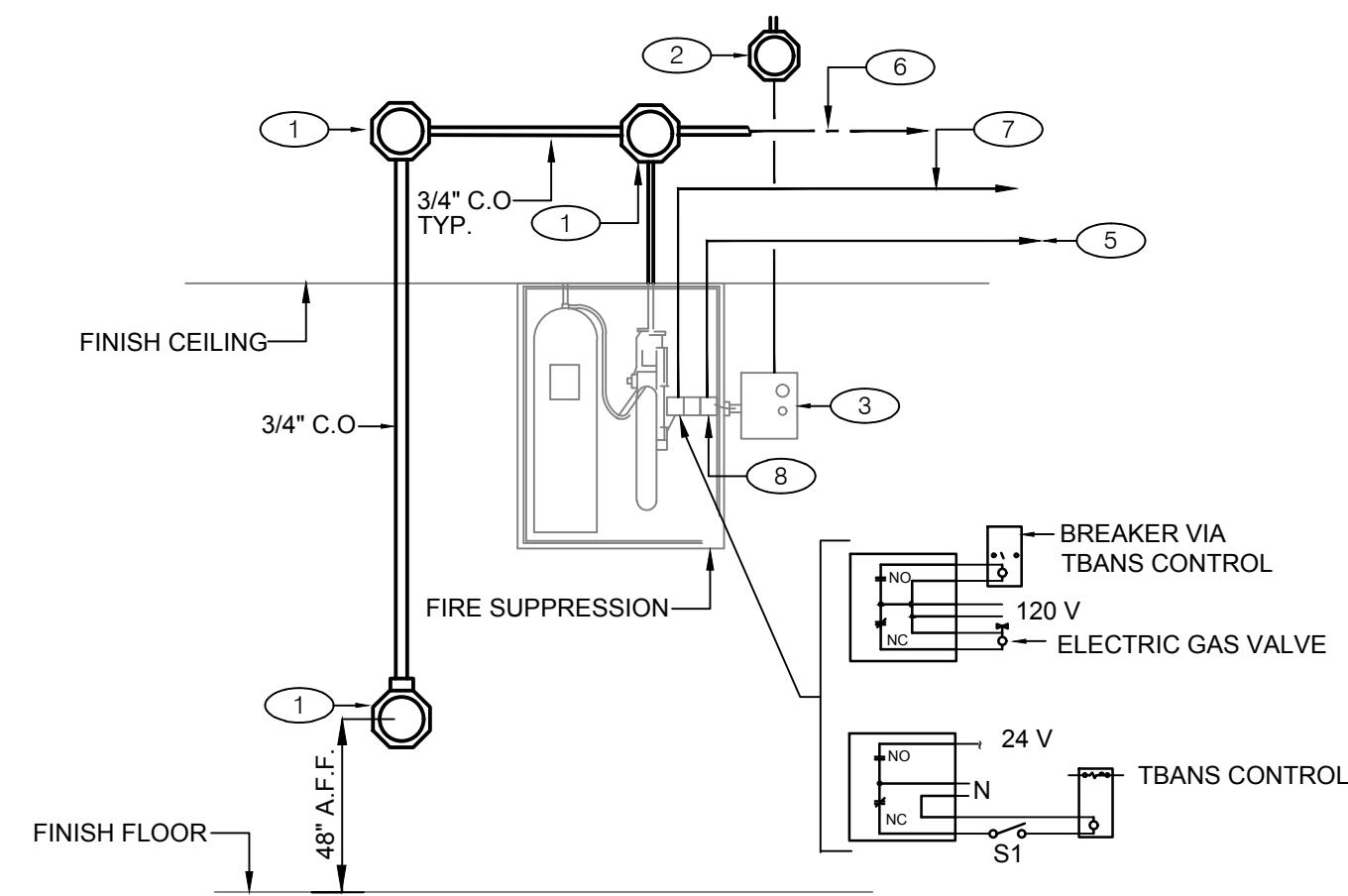
10/28/22

CONTRACT DATE:
BUILDING TYPE: N2T-M70HD
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BRAND DESIGNER: FRANK WANCHE
SITE NUMBER: 4986
ARCVISION NUMBER: 200370

TACO BELL
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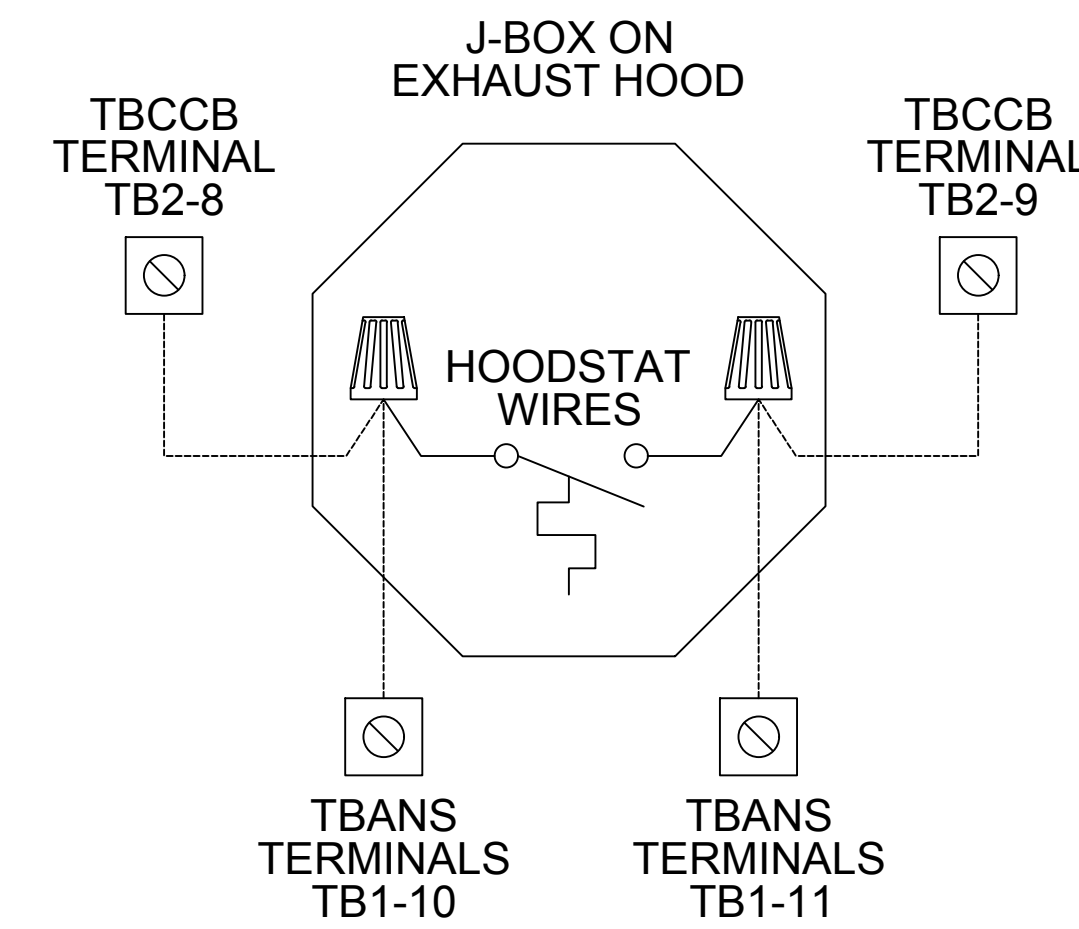


ELECTRICAL DETAILS
E6.0

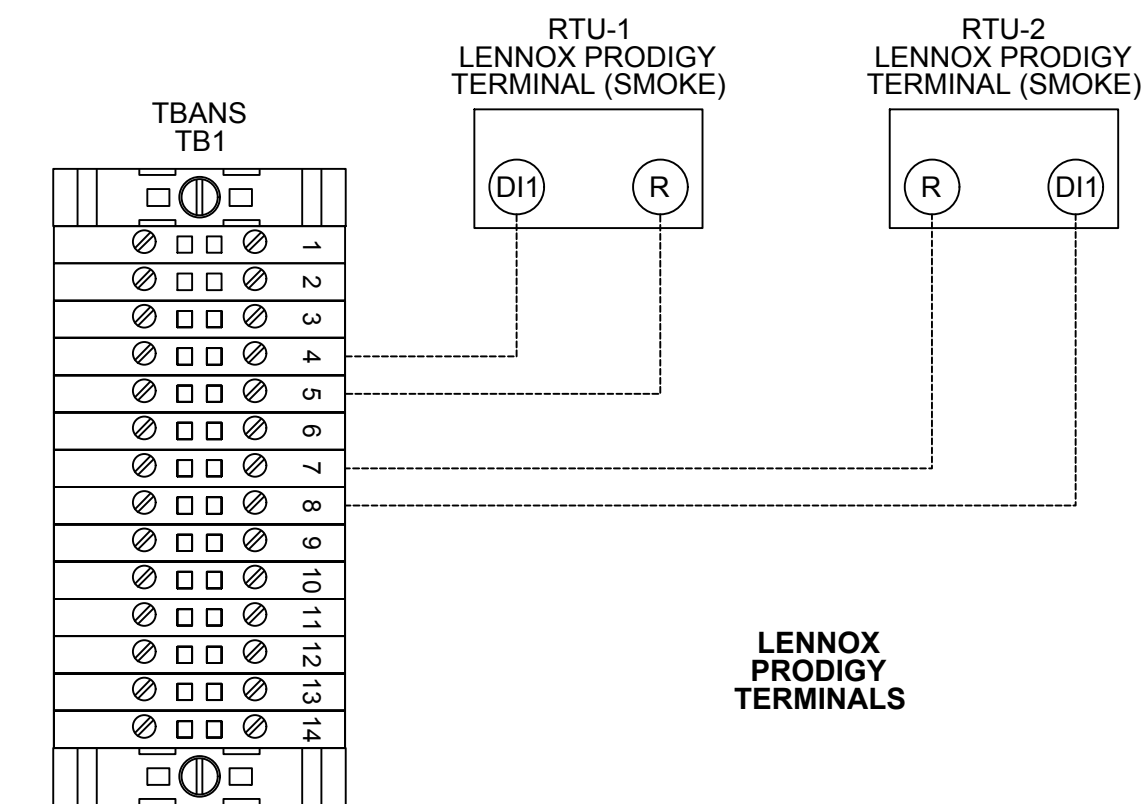


- GENERAL NOTE:
1. REFER TO MECHANICAL SHEETS FOR MORE INFORMATION
- KEYED NOTES: (X)
1. PROVIDE 4" OCTAGONAL J-BOX.
 2. PROVIDE J-BOX, AND 110 V CIRCUIT. REFER TO EQUIPMENT SCHEDULE/FLOOR PLAN FOR CIRCUIT ASSIGNMENT. INTERCONNECT TO MANUAL RESET RELAY THROUGH MICROSWITCH.
 3. MANUAL RESET RELAY FURNISHED WITH UNIT INSTALLED BY E.C.
 4. NOT USED.
 5. PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO EXHAUST & SUPPLY FAN INTERFACE THROUGH MICROSWITCH ON HOOD.
 6. CABLE AND CONNECTION TO FUSIBLE LINKS AT EXHAUST HOOD BY K.E.C.
 7. PROVIDE INTERCONNECTION TO "SHUNT-TRIP" BREAKER AT PANEL AND MICROSWITCH AT HOOD. SEE DETAIL F, THIS SHEET.
 8. SLOT FOR SNAP ACTION MICRO-SWITCH. UP TO FOUR SWITCHES AVAILABLE FOR HOOK-UP.
SWITCH 1: GAS SHUT-OFF VALVE.
SWITCH 2: EXHAUST/SUPPLY
SWITCH 3: SHUNT TRIP BREAKER IN ELECTRICAL PANEL.

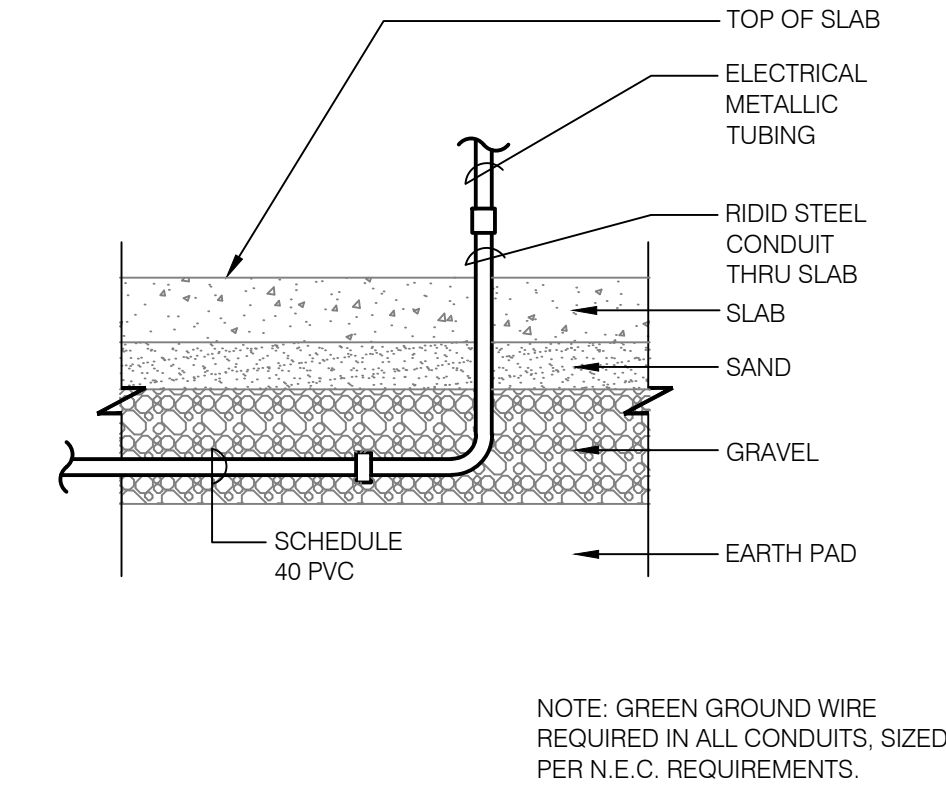
FIRE SUPPRESSION SYSTEM WIRING DIAGRAM N.T.S. **D**



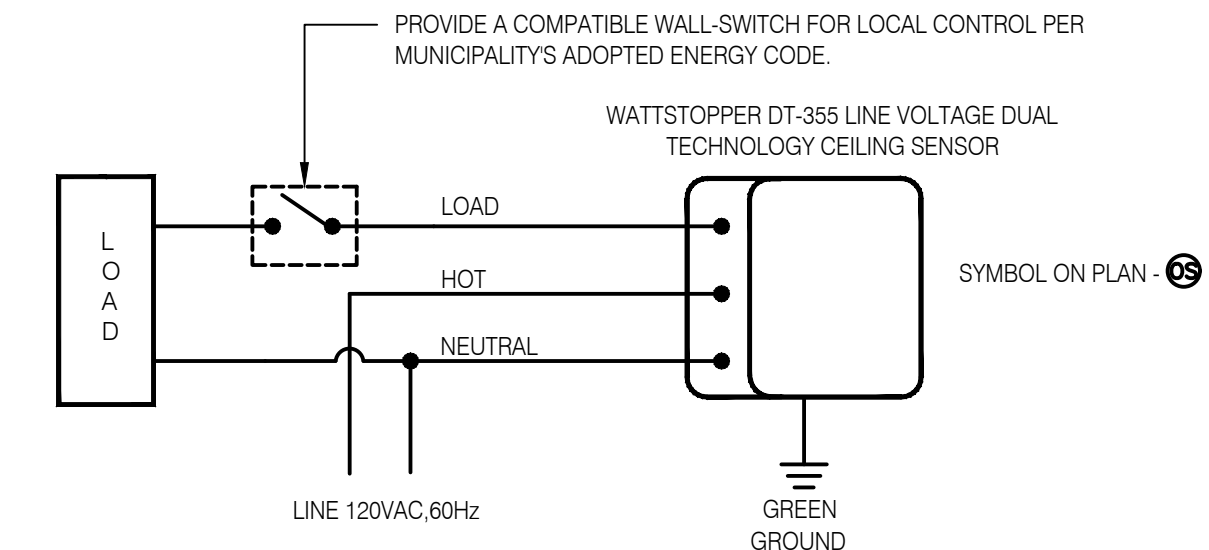
TBANS TO HOODSTAT TO TBCCB N.T.S. **A**



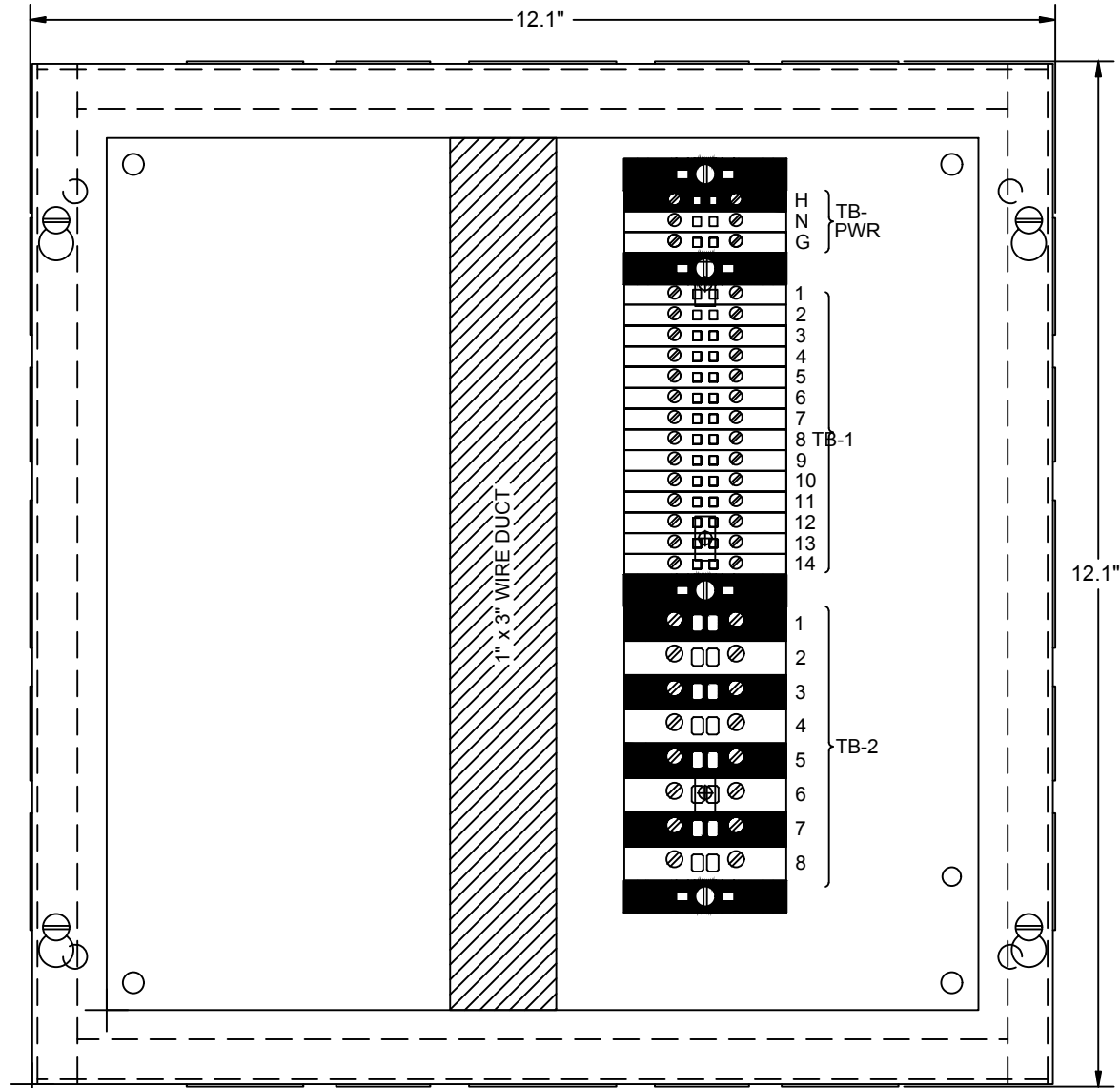
TBANS TO LENNOX PRODIGY SHUTDOWN N.T.S. **G**



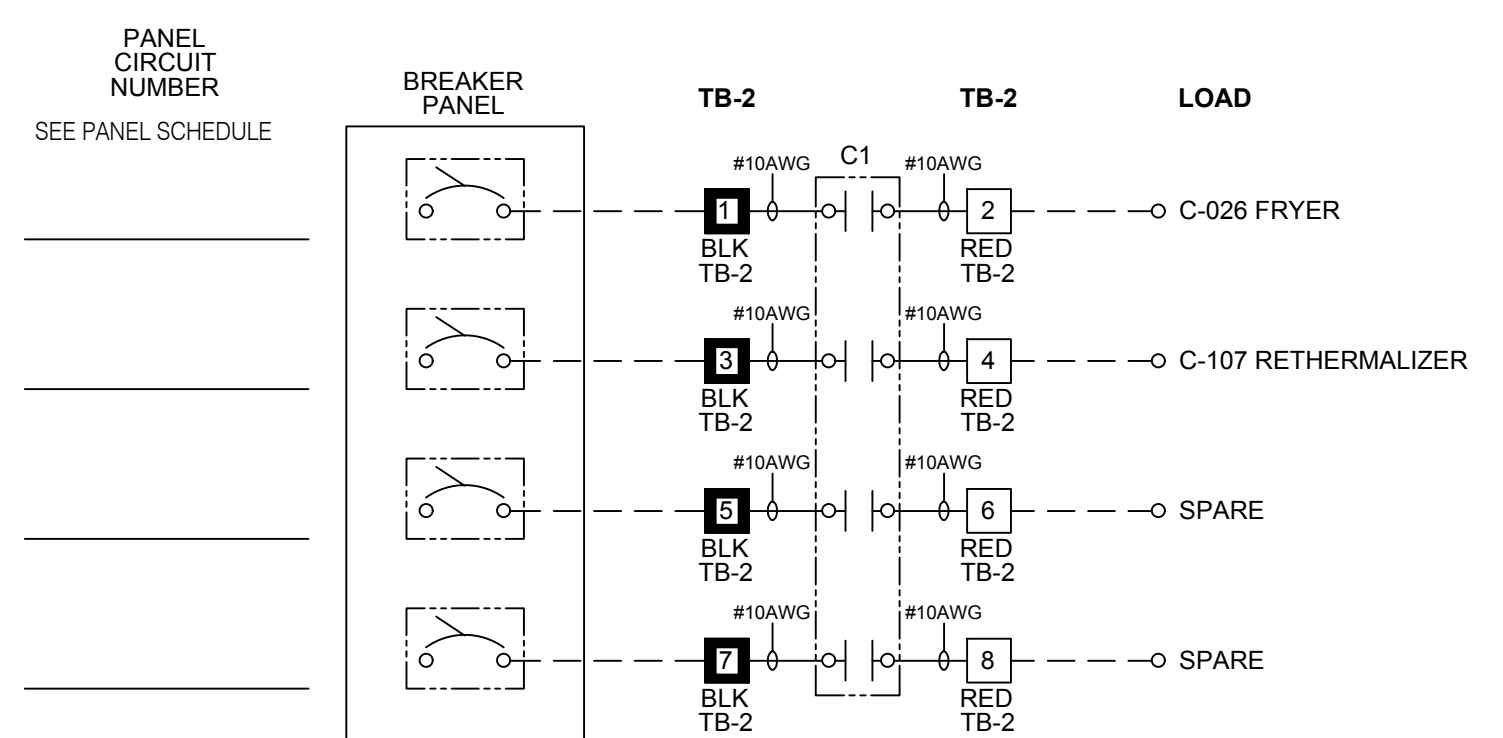
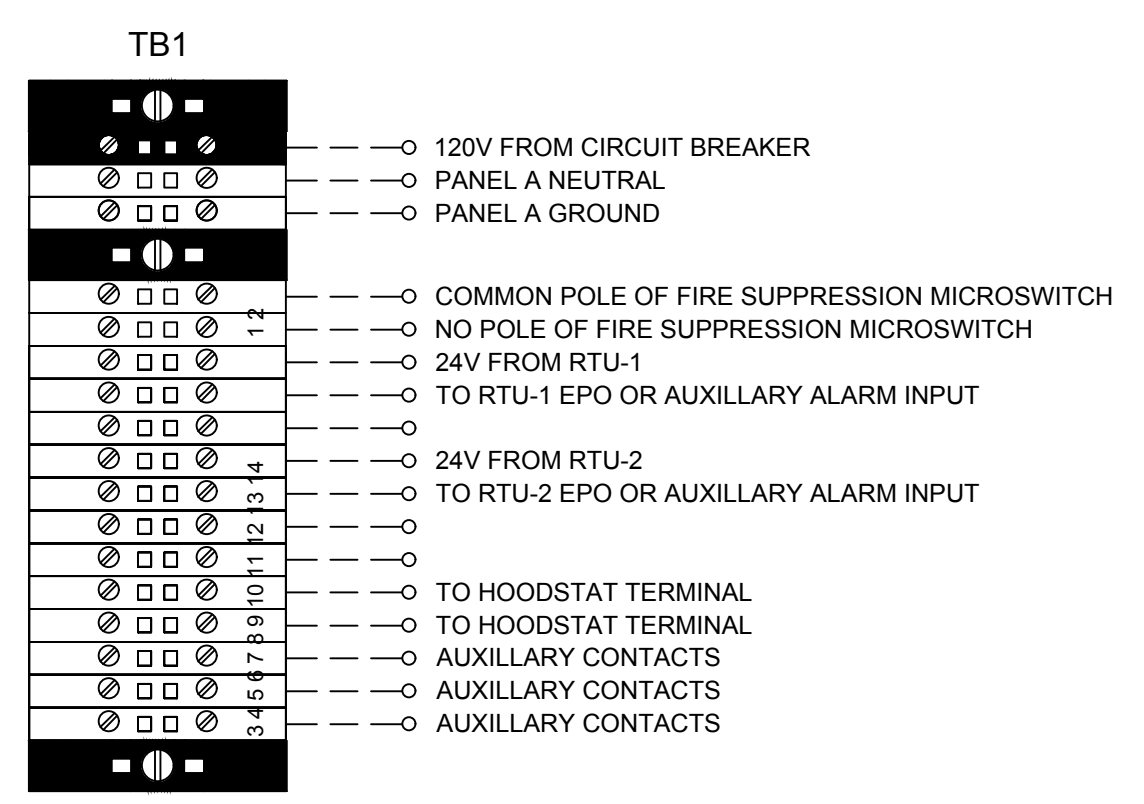
UNDER SLAB CONDUIT N.T.S. **E**



CEILING OCCUPANCY SENSOR WIRING DIAGRAM N.T.S. **B**

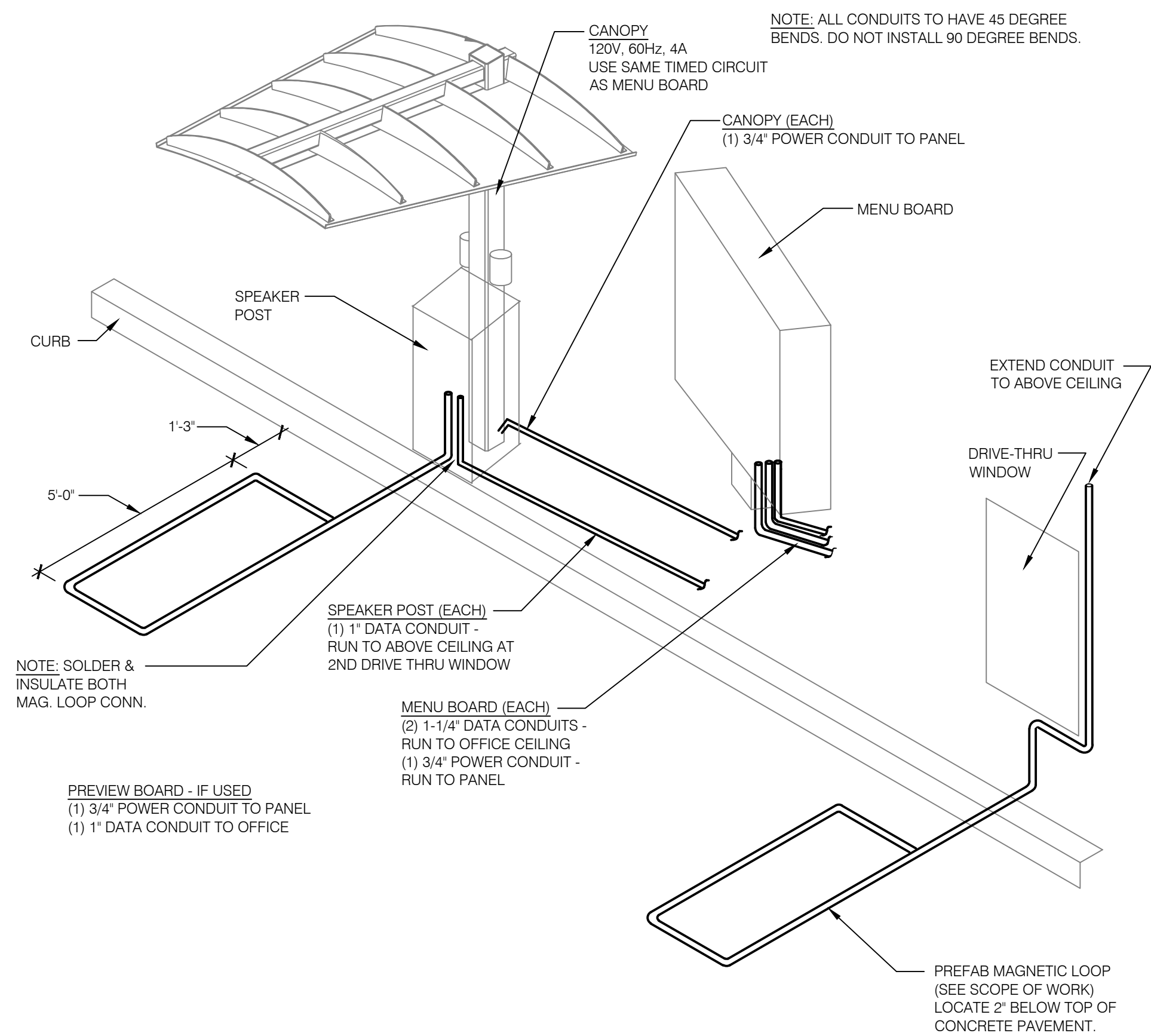


REFER TO DETAILS A, D, AND G, THIS SHEET FOR CONNECTION DETAILS



TBCCB AND TBANS REQUIRE VISUAL INSTALLATION VERIFICATION CERTIFICATE. CONTACT CERTIFY@ACE-BCX.COM OR CALL 949 110 2222 FOR CERTIFICATE.

TBANS DETAIL N.T.S. **F**

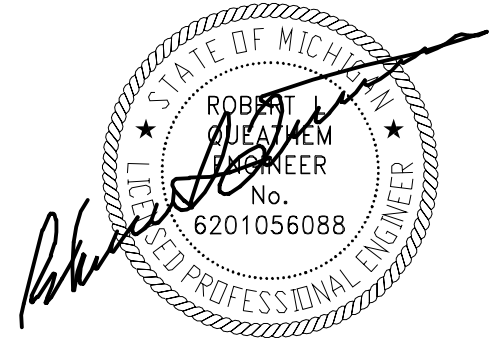


MENUBOARD/ OCB POWER & COMMUNICATIONS COMPONENT DETAIL N.T.S. **C**

SEQUENCE OF OPERATION:
ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM RELAY SHALL CAUSE TBANS TO DE-ENERGIZE LOAD, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD.

CONTROL BOX
TACO BELL'S SUPPLIER OF THE CONTROL BOX IS AIR CONTROL BOX TO BE PURCHASED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
NOTE: TBANS MAY BE INCLUDED IN THE LIGHTING RESPONSIBLE TO VERIFY.
TBANS INCLUDES ALL WIRING AND COMPONENTS SHOWN FACTORY INSTALLED WITHIN THE BOX.

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**ELECTRICAL
DETAILS
E7.0**

RS SET ISSUED: 10.27.22

- SOIL AND WASTE PIPE SHALL SLOPE 2% MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.
- ALL DRAWN WATER & GAS LINES SHALL BE KEPT TIGHT TO UNDERSIDE OF EQUIPMENT & SECURED IN PLACE.
- VERIFY LOCATION OF SANITARY SEWER ON SITE PLAN AND REVISE SEWER SYSTEM AS REQUIRED.
- PROVIDE TRAP PRIMERS FOR FLOOR DRAINS IN RESTROOMS, WHERE REQUIRED BY CODE. PROVIDE DEEP SEAL TRAPS FOR FLOOR DRAINS WITHOUT TRAP PRIMERS.
- CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND OWNERS REPRESENTATIVE PRIOR TO INSTALLATION.
- VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS AND OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- PLUMBING FIXTURE VENTS SHALL TERMINATE MINIMUM OF 12 INCHES FROM VERTICAL SURFACES AND 10 FEET FROM OUTSIDE AIR INTAKES.
- PROVIDE GAS PIPING TO UNITS AND MAKE FINAL CONNECTIONS REQUIRED FOR OPERATION.
- PROVIDE SHUT-OFF VALVES ON HOT & COLD WATER LINES TO FIXTURES AND APPLIANCES. ALL EXPOSED WATER AND WASTE LINES SHALL BE CHROME PLATED.
- PROVIDE LEVER HANDLE GAS SHUT-OFF VALVE IN BRACH PIPING OF EACH APPLIANCE. INSTALL OWNER FURNISHED QUICK DISCONNECT, FLEXIBLE PIPE (IF ALLOWED BY CODE) AND RESTRAINING DEVICE. PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLIANCE IF GAS PRESSURE IS GREATER THAN 1/2" WC DOWNSTREAM OF THE GAS METER.
- VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED.
- REFER TO KITCHEN EQUIPMENT DRAWINGS FOR PLUMBING ROUGH-IN REQUIREMENTS. MAKE ALL ROUGH-IN AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT UNLESS OTHERWISE NOTED.
- REFER TO MECHANICAL DRAWINGS FOR HVAC AND HOOD PLUMBING REQUIREMENTS.
- GAS LINES SHALL BE SUPPORTED.
- FLOOR SINKS AND FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH WITH FLOOR SURFACE.
- PROVIDE WATER HAMMER ARRESTOR FOR ALL HAND SINKS AND URINAL WATER LINES.
- PROVIDE AIR GAPS FOR INDIRECT DRAINS AS REQUIRED BY CODE. AIR SHALL BE MINIMUM 2 TIMES DIAMETER OF INDIRECT DRAIN.
- VERIFY DEPTH, SIZE, LOCATION, AND CONDITION OF ALL EXISTING UTILITIES IN THE FIELD PRIOR TO COMMENCING WORK ON PROJECT. NOTIFY OWNER IMMEDIATELY OF CONDITIONS THAT EXIST WHICH WOULD CAUSE THE DESIGN TO BE ALTERED.
- COORDINATE INSTALLATION OF PLUMBING WORK WITH OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.
- PROVIDE BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION. BACKFLOW DEVICES REQUIRING TESTING SHALL BE INSTALLED NO HIGHER THAN 5'-0" A.F.F.
- PROVIDE CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN. PROVIDE GAS PIPING TO UNITS. MAKE FINAL CONNECTIONS REQUIRED FOR OPERATION.
- THE OWNER OR KITCHEN EQUIPMENT SUPPLIER MAY SUBSTITUTE EQUIPMENT OR EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, VERIFY ALL CRITICAL DIMENSIONS WITH OWNER PRIOR TO CONSTRUCTION. FAILURE OF CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE RESPONSIBILITY FOR SUBSEQUENT RELOCATION DIRECTLY UPON CONTRACTOR.
- ALL WATER LINES SHALL BE RUN OVERHEAD UNLESS OTHERWISE NOTED.
- ALL WATER LINES SHALL BE FLUSHED PRIOR TO CONNECTING FIXTURES OR EQUIPMENT.
- PROVIDE ESCUTCHEON PLATES AND SILICONE SEALANT AT UTILITY PENETRATIONS INTO WALLS, CEILINGS, AND FLOORS. DO NOT USE CAULKS OR EXPANDING FOAMS FOR SEALANT.
- CPVC SCHEDULE 40 WASTE PIPE CAN BE SUBSTITUTED FOR BLACK IRON WASTE PIPE WHERE ALLOWED BY LOCAL MUNICIPALITIES.

GENERAL NOTES - PLUMBING NTS

4

NOT USED NTS

5

SYMBOLS	ABBREV.	DESCRIPTION
	Y.B.	YARD BOX
	R.D.	ROOF DRAIN
	A.P.	ACCESS PANEL
	V.T.R.	VENT THRU ROOF
	V.B.F.	VENT BELOW FLOOR
	U.T.R.	UP THRU ROOF
	V.C.P.	VITRIFIED CLAY PIPE
	C.I.	CAST IRON
	(TYP.)	TYPICAL
	(N)	NEW
	(E)	EXISTING
⊕	F.D.	FLOOR DRAIN
⊙	H.D.	HUB DRAIN
	O.F.D.	OVERFLOW DRAIN
⊠	F.S.	FLOOR SINK
	G.L.	GAS LINE
	A.F.F.	ABOVE FINISHED FLOOR
X 00		PLUMBING EQUIPMENT DESIGNATION
XXX		KITCHEN EQUIPMENT NUMBER- REFER TO KITCHEN EQUIPMENT DRAWINGS FOR DESCRIPTION.
— SS —	SS	SOIL OR WASTE (SANITARY)/WASTE STUB
— GW —	GW	SOIL OR WASTE (GREASE WASTE)/WASTE STUB
— G —	G	GAS / GAS STUB
— CW —	CW	COLD WATER/ CW STUB
— HW —	HW	HOT WATER / HW STUB
— HWR —	HWR	HOT WATER RETURN
	V	SANITARY VENT
— SD —	S.D.	STORM DRAIN
— CD —	C.D.	CONDENSATE DRAIN
⊕	F.C.O.	FLOOR CLEANOUT
— W.C.O. —	W.C.O.	WALL CLEANOUT
— FW —	FW	FILTERED WATER
— TW —	TW	PREMIXED TEMPERATURE WATER
+	H.B.	HOSE BIBB
— S.O.V. —	S.O.V.	SHUT-OFF GATE VALVE
— S.O.C. —	S.O.C.	SHUT-OFF GAS COCK
— C.V. —	C.V.	CHECK VALVE
— P.T.R.V. —	P.T.R.V.	PRESS-TEMPERATURE RELIEF VALVE
— B.V. —	B.V.	BALL VALVE
— C.W. —	C.W.	COLD WATER BELOW GRADE
⊕	E.C.O.	EXTERIOR CLEAN OUT
	BFP	BACK FLOW PREVENTER
	FU	FIXTURE UNIT

PLUMBING LEGEND NTS

3

FIXTURE	NO.	DRAIN		COLD WATER		HOT WATER	
		D.F.U.	TOTAL D.F.U.	F.U. C.W.	TOTAL C.W.	F.U. H.W.	TOTAL H.W.
WATER CLOSET	2	4	8	5	10	--	--
URINAL	0	5	--	5	--	--	--
LAVATORY	2	1	2	1.5	3	1.5	3
HAND SINK	2	2	4	1.5	3	1.5	3
PREP SINK *	1	--	--	2	2	2	2
3 - COMPARTMENT SINK *	1	--	--	3	3	3	3
HOSE BIBB/WATER FILTRATION UNIT	2/1	--	--	5/0.5	12	--	--
FLOOR DRAIN	8	2	16	--	--	--	--
HUB DRAIN	2	2	4	--	--	--	--
FLOOR SINK	3	3	9	--	--	--	--
MOP SINK	1	3	3	2.25	2.25	2.25	2.25
REHEMALIZER *	1	--	--	--	--	1.0	1.0
TOTAL	--	--	46	--	35.25	--	14.25

PROBABLE DEMANDS/ AND PIPE SIZING REQUIREMENTS: COLD WATER: 35.25 FU = 25 GPM
 DRAIN: GW 22 DFU
 DRAIN: SAN 18 DFU
 HOT WATER: 14.25 FU = 17 GPM
 USE 1-1/2" CW SERVICE
 USE 4" SANITARY (MIN)
 USE 4" SANITARY (MIN)
 USE 1-1/4" HW SERVICE
 BASED ON 2018 IPC (COMBINATION DRAIN & VENT). *FIXTURE HAS INDIRECT WASTE TO FLOOR SINK

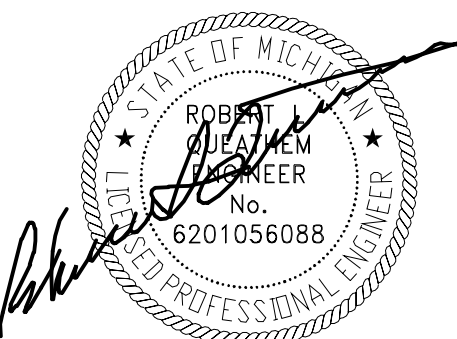
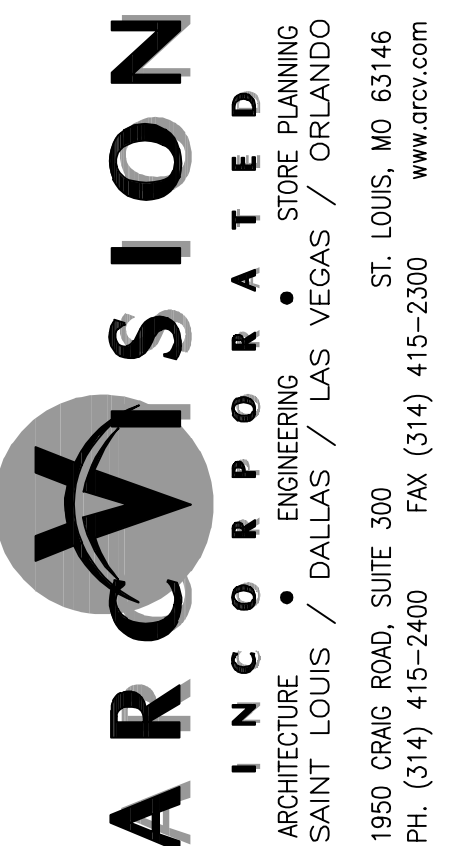
PLUMBING FIXTURE COUNT NTS

2

ITEM	FIXTURE	SOIL OR WASTE	VENT	COLD WATER	HOT WATER	TEMPD WATER	WASTE FU	WATER FU	DESCRIPTION	MANUFACTURER / MODEL NUMBER
									PVC 12" SLOATED FLOOR SINK, 8" DEEP, WITH ALUMINUM OR PVC DOME STRAINER AND LOOSE SET PVC SLOATED TOP GRATE. SET FLOOR SINK LIP FLUSH WITH FLOOR TILE.	JOSAM / MODEL: JPF54-PVC ZURN / MODEL: FD-2370-FV4-DS-F
									CAST IRON 12" SQUARE FLOOR SINK, 8" DEEP, WITH ALUMINUM DOME STRAINER AND NICKEL BRONZE HINGED TOP.	JOSAM / MODEL: 49034AS WADE / MODEL: 9144 ZURN / MODEL: Z-1900-32
									PVC FLOOR DRAIN, 5" DIA. IF PVC OR ABS DRAINS ARE USED, SCHEDULE 80 PVC DRAIN PIPE SHALL BE USED FOR THE FIRST 10'-0" FROM THE DRAIN.	JOSAM / MODEL: FD-2210 ZURN / MODEL: 30003-A WADE / MODEL: 1103
									CAST IRON DEEP SEAL P-TRAP WITH FUNNEL, NO-HUB OUTLET AND BRASS GASKETED CLEANOUT PLUG.	JOSAM / MODEL: 88213 WADE / MODEL: 2453EF ZURN / MODEL: Z-1019
									CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, ROUND SCORIATED HEAVY CAST IRON COVER.	JOSAM / MODEL: 56000 WADE / MODEL: 6000Z ZURN / MODEL: Z-1400
									CAST IRON CLEANOUT TEE WITH INLET/OUTLET SPIGOT AND THREADED BRASS PLUG, WITH STAINLESS STEEL ACCESS COVER.	JOSAM / MODEL: 55510 WADE / MODEL: 8560E ZURN / MODEL: Z-1446-BP
									WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHOMETER TANK (PRESSURE ASSISTED) TYPE, ELONGATED BOWL, ADA COMPLIANT, 1.1 GPF, WITH OPEN FRONT SEAT LESS COVER, OLSONITE #95 OR EQUIVALENT. FLUSHOMETER TANK; SLOAN FLUSHMATE OR EQUAL. PROVIDE TANK COVER LOCKS. FLUSH VALVES SHALL BE RIGHT HAND OR LEFT HAND AS REQUIRED TO CORRESPOND WITH ACCESS FROM WIDE SIDE OF STALL. VERIFY FLUSH SIDE REQUIREMENTS.	AM. STD. "CADET" / MODEL: 2467.100 KOHLER "HIGHLINE" / MODEL: K-3519 CRANE "ECONMISER" / MODEL: 31888
									WHITE VITREOUS CHINA, WALL HUNG, WITH CONCEALED ARMS SUPPORT, 4" CENTERS, WITH INTEGRAL BACKSPLASH, ADA ACCESSIBLE. FLAT GRID STRAINER. BRAIDED WATER LINES. FAUCET: FURNISHED BY OWNER-INSTALLED BY G.C. ELECTRONIC SENSOR TYPE FAUCET. SLOAN SF-2300, ADA COMPLIANT. SEE 5/P6.0 FOR LAV SUPPORT DETAIL, 0.5 GPM AERATOR	A.S. COMRADE / MODEL: 0124.131 CRANE "HARWICH" / MODEL: 1412V
									S-1: STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS. FAUCET W/SINGLE KNEE PEDAL. BRAIDED WATER LINES, 0.5 GPM AERATOR.	-- -- --
									MOP SINK, AERO - 3MP-2116-6 W/ 48" HIGH S.S. LEFT SIDE AND BACK-SPLASH. FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. FAUCET: 1&S #B2465, WITH VACUUM BREAKER, FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.	-- -- --
									SINK, FAUCET & DRAIN, GEN IV POWER SOAK STANDARD, GEN III IS AN OPTION FOR FRANCHISES	-- -- --
									SINK, FAUCET AND DRAIN	-- -- --
									THERMOSTATIC, 125 P516, 200VF BRONZE BODY, STAINLESS STEEL PISTON LINER, CHECK VALVES SIZE PER PIPE CONNECTIONS.	POWERS SERIES LFLM495 LAWLER SERIES 310 LEONARD SERIES 170
									GAS FIRED WATER HEATER, 95% THERMAL EFF., 120,000 BTUH INPUT, 60 GAL. STORAGE TANK, 138 GPH @ 100 DEG. RISE REC. RATE, 3" PVC FLUE & INTAKE, ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE, ELECTRONIC IGNITION SYSTEM AND ELECTRONIC CONTROLS. Call 800-477-1953 Option #1 for National Account Price & Service	AO SMITH / CYCLONE MM BTH-120 STATE / SUF 100 120 NE --
									EXPANSION TANK, STEEL, EXPANSION MEMBRANE 150 PSI, 160° F, 12 GALLON CAPACITY.	WATTS SERIES DETA AMTROL SERIES ST WILKINS SERIES WXTP
									IN-LINE PUMP TACO 006-B 1/40 HP @ 3250 RPM 115/1/60 3/4" SWEAT FITTINGS	TACO -- --
									REVERSE OSMOSIS FILTER SYSTEM BY OWNER. SEE DETAIL 9/P6.0	-- -- --

PLUMBING FIXTURE SCHEDULE NTS

1



10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
 BRAND DESIGNER: FRANK WANCHO
 SITE NUMBER: 4986
 ARCVISION NUMBER: 200370

TACO BELL

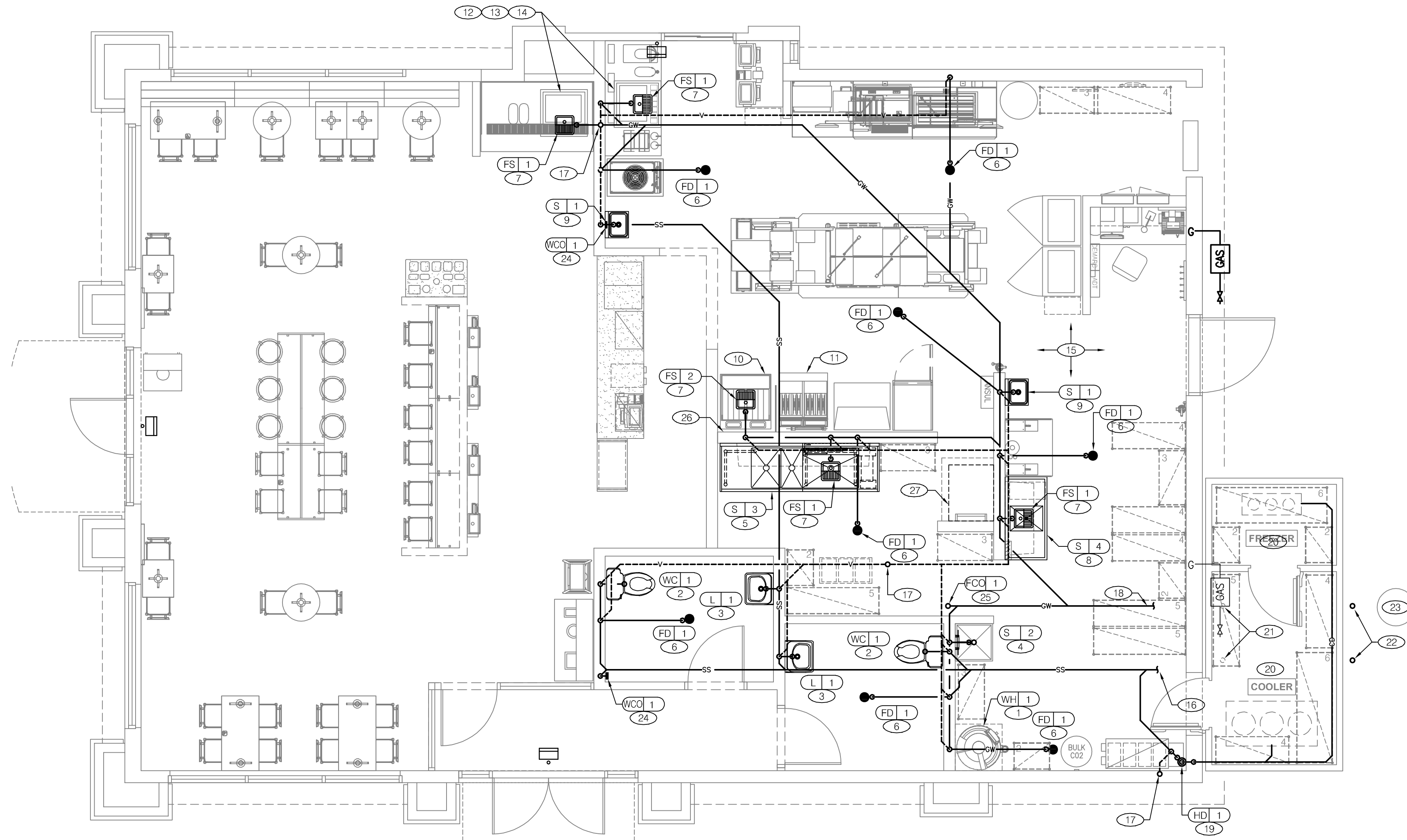
205 ANN ARBOR RD.
 PLYMOUTH, MI 48170



SCHEDULES AND NOTES

P1.0

R0 SET ISSUED: 10.27.22



WASTE & VENT PIPING PLAN 1/4" = 1'-0" **A**

SYMBOL	ABBREV	DESCRIPTION
		PLUMBING EQUIPMENT DESIGNATION DESIGNATED NUMBER
	AFF	ABOVE FINISHED FLOOR
	AP	ACCESS PANEL
	CI	CAST IRON
	S/S	STAINLESS STEEL
	CW	COLD WATER / CW STUB
	HW	HOT WATER / HW STUB
	SS	SANITARY SEWER
	V	SANITARY VENT
	FS	FLOOR SINK

PLUMBING LEGEND **C**

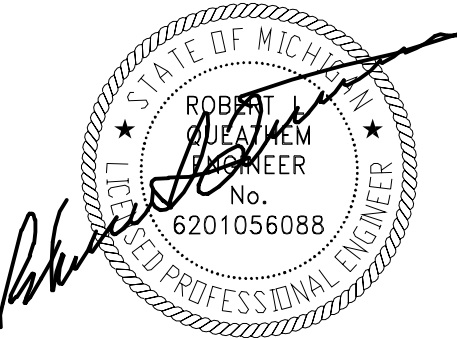
- SOIL AND WASTE PIPE SHALL SLOPE 2% MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.
- ALL VALVES, SHOCK ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILING SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- PRIOR TO COMMENCING WORK ON THIS PROJECT, CONTRACTOR SHALL VERIFY DEPTH, SIZE, LOCATION AND CONDITION OF ALL EXISTING UTILITIES IN FIELD BEFORE STARTING WORK. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY.
- CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR TO REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.
- ALL PLUMBING WORK AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE & LOCAL ORDINANCES & REGULATIONS HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN ALL APPROVALS REQUIRED FROM REGULATING AGENCIES BEFORE STARTING WORK. ALL PLUMBING WORK & MATERIALS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITIONS OF THE LOCAL PLUMBING CODE. UNLESS OTHERWISE REQUIRED BY THE DEPARTMENT OF BUILDING & SAFETY. OBTAIN & PAY FOR ALL PERMITS, FEES & INSPECTIONS REQUIRED BY GOVERNING AUTHORITIES. ALL PIPING TO BE CONCEALED UNLESS NOTED OTHERWISE.
- THE EQUIPMENT ROUGH-INS AS SHOWN ARE BASED UPON AVAILABLE INFORMATION, HOWEVER, IN SOME INSTANCES, THE OWNER OR SUPPLIER MAY SUBSTITUTE OR THE EQUIPMENT ITEM MAY VARY FROM WHAT IS SHOWN, THEREFORE, THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY ON THE CONTRACTOR.
- INSTALL SHUTOFF VALVES ON ALL HOT & COLD WATER LINES TO FIXTURE OR APPLIANCE. ALL EXPOSED WATER AND WASTE LINES SHALL BE CHROME PLATED.
- ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- REFER TO SHEETS A10.1 AND ADA1.0 FOR DISABLED RESTROOM REQUIREMENTS.

GENERAL NOTES **C**

- NEW TANK TYPE GAS WATER HEATER. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- NEW ADA COMPLIANT FLOOR SET FLUSH VALVE WATER CLOSET. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- NEW ADA COMPLIANT WALL HUNG LAVATORY. SEE PLUMBING FIXTURE FOR ADDITIONAL INFORMATION. [R]
- NEW MOP BASIN. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- NEW 3 COMPARTMENT SINK. EXTEND NEW GREASE WASTE PIPE FROM NEW SINK TO FLOOR SINK AND DISCHARGE WITH CODE APPROVED AIR GAP. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- NEW FLOOR DRAIN. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- NEW FLOOR SINK. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- NEW 1 COMPARTMENT PREP SINK. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- NEW HAND SINK. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- NEW RETHERMALIZER. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION. [R]
- RELOCATED GAS FRYER. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION. [R]
- EXISTING BEVERAGE DISPENSER TO BE REMOVED, RELOCATED AND REINSTALLED BY PEPSI SUPPLIER AFTER COMPLETION OF CONSTRUCTION. ENSURE PROPER DISCHARGE OF INDIRECT WASTE PIPE TO EXISTING FLOOR SINK WITH CODE APPROVED AIR GAP. CONNECT TO NEW TUBING FROM EXISTING SYRUP BUNDLES AS REQUIRED. FIELD VERIFY. [R]
- EXISTING ICE MACHINE TO BE REMOVED, RELOCATED AND REINSTALLED ABOVE NEW BEVERAGE DISPENSER BY PEPSI SUPPLIER. ENSURE PROPER DISCHARGE OF INDIRECT WASTE TO EXISTING FLOOR SINK WITH CODE APPROVED AIR GAP. FIELD VERIFY. [R]
- EXISTING CARBONATOR TO BE REMOVED, RELOCATED AND REINSTALLED AFTER COMPLETION OF NEW CONSTRUCTION. CONNECT NEW FILTERED WATER PIPING AS REQUIRED. FIELD VERIFY EXACT LOCATION. CONTRACTOR SHALL PROVIDE AND INSTALL STAINLESS STEEL REDUCE PRESSURE ZONE BACKFLOW PREVENTER) WATT SS009 OR APPROVED EQUAL). INSTALL UPSTREAM OF CARBONATOR. ROUTE DRAIN FROM BACKFLOW PREVENTER TO EXISTING FLOOR SINK AND DISCHARGE WITH CODE APPROVED AIR GAP. [R]
- CONTRACTOR IS TO SCOPE EXISTING SANITARY SEWER PIPES AND GREASE WASTE PIPES TO ENSURE THAT THEY CAN BE REUSED. CONTRACTOR IS TO FIELD VERIFY EXACT LOCATIONS OF MAINS AND REUSE IF POSSIBLE. [R]
- EXTEND AND CONNECT NEW 4" SANITARY SEWER PIPE TO EXISTING SANITARY SEWER PIPE AT APPROXIMATE

- LOCATION SHOW. FIELD VERIFY EXACT LOCATION, SIZE AND INVERT ELEVATION. [R]
- NEW 2" VENT UP, 3" VENT THRU ROOF. [R]
- EXTEND AND CONNECT NEW 4" GREASE WASTE PIPE TO EXISTING GREASE WASTE PIPE AT APPROXIMATE LOCATION SHOW. FIELD VERIFY EXACT LOCATION, SIZE AND INVERT ELEVATION. [R]
- NEW HUB DRAIN. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- PROVIDE 3/4" COPPER CONDENSATE DRAIN FROM DRAIN PROVIDED BY VENDOR TO OUTFALL AT HUB DRAIN. (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE. CONCEAL PIPE IN WALL. [R]
- EXISTING CLEANOUT ARE TO BE REMOVED AND RELOCATED TO OUTSIDE FOOTPRINT IF FREEZER/COOLER. FIELD VERIFY EXACT LOCATIONS. [R]
- NEW SANITARY SEWER AND GREASE WASTE CLEANOUTS [R]
- APPROXIMATE LOCATION OF EXISTING GREASE INTERCEPTOR. CONTRACTOR IS TO HAVE THE INTERCEPTOR EMPTIED AND INSPECTED TO ENSURE INTERCEPTOR IS IN PROPER WORKING ORDER. [R]
- NEW WALL CLEANOUT. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- NEW FLOOR CLEANOUT. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. [R]
- DO NOT INSTALL PVC PIPING IN WALL BEHIND HOOD. [R]
- ROOF HATCH ACCESS SHOWN FOR REFERENCE. DO NOT ROUTE ANY PIPING THRU THIS AREA. [R]

KEYED NOTES **B**



10/28/22

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TACO BELL

205 ANN ARBOR RD.
 PLYMOUTH, MI 48170

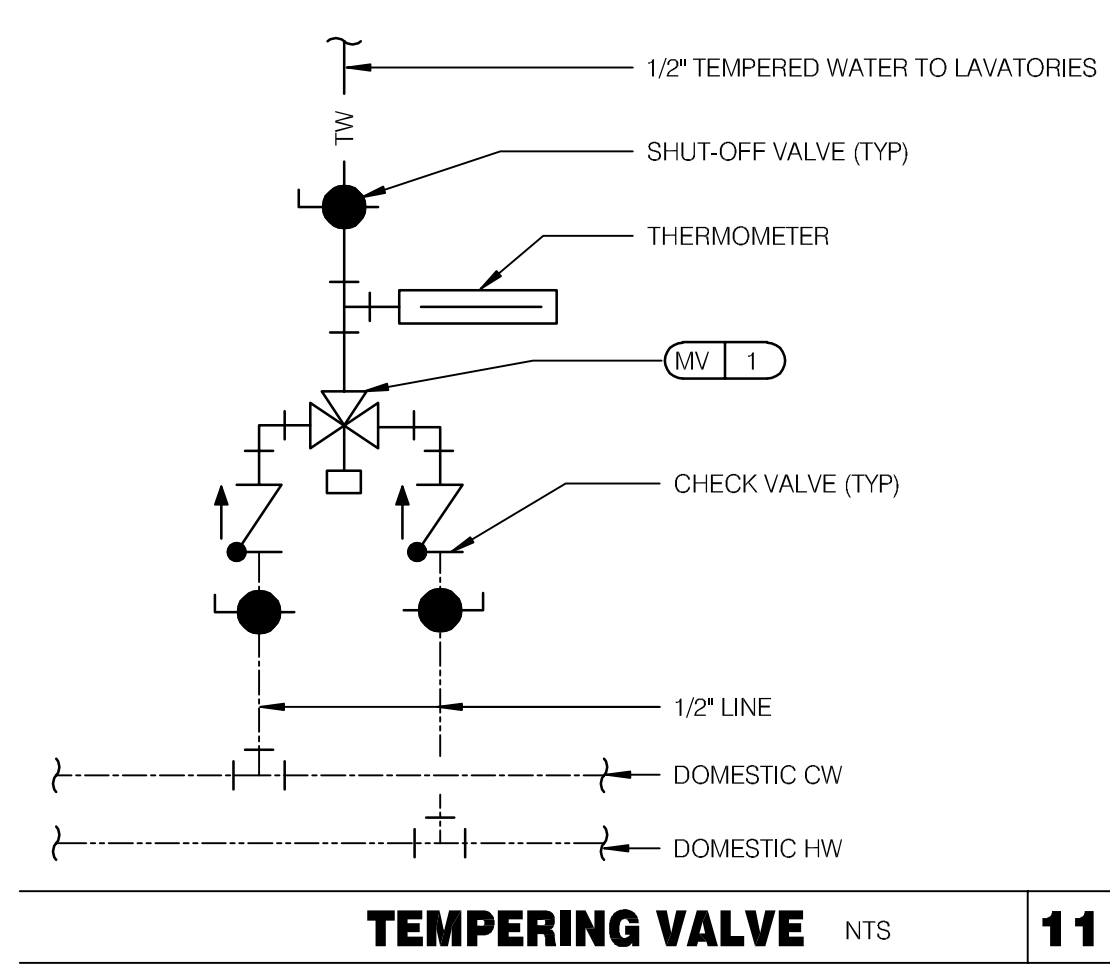


MAJOR

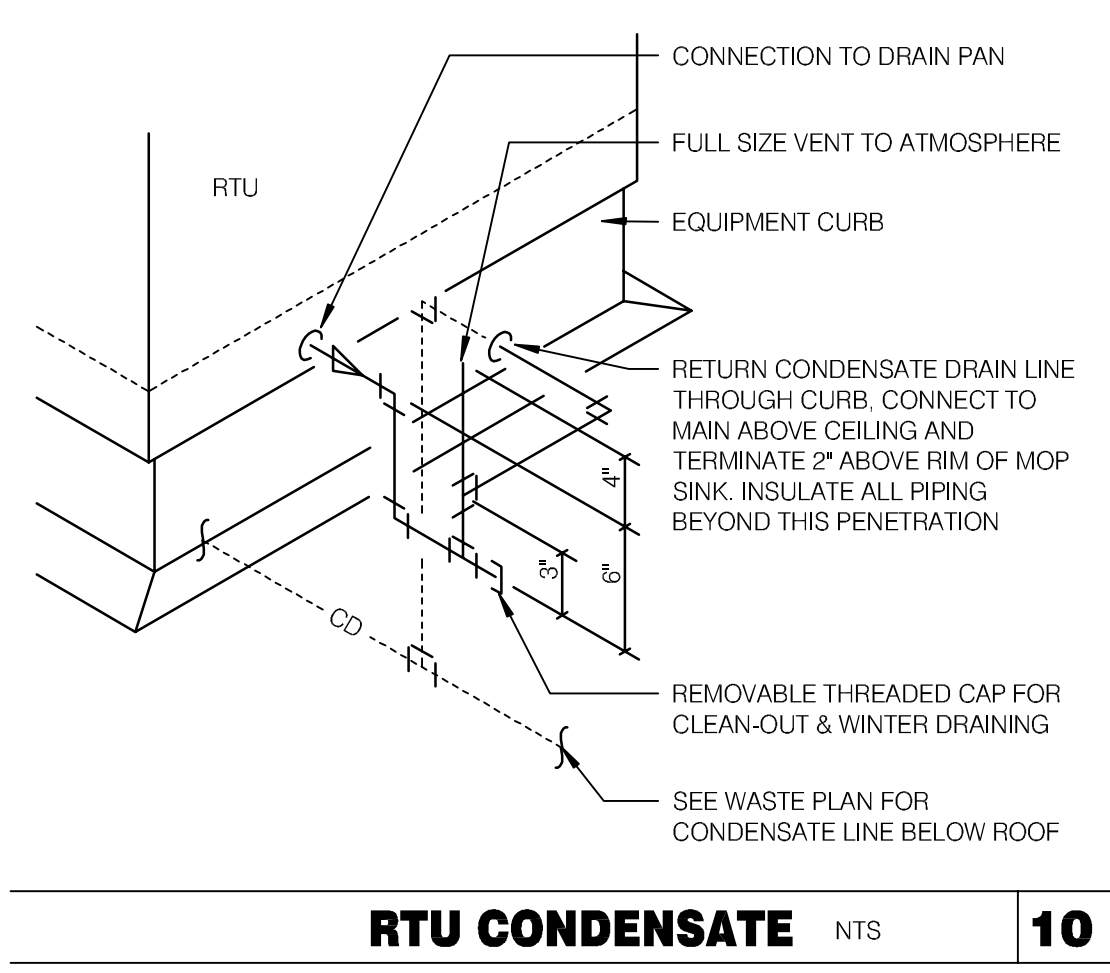
WASTE AND VENT PLAN

P2.0

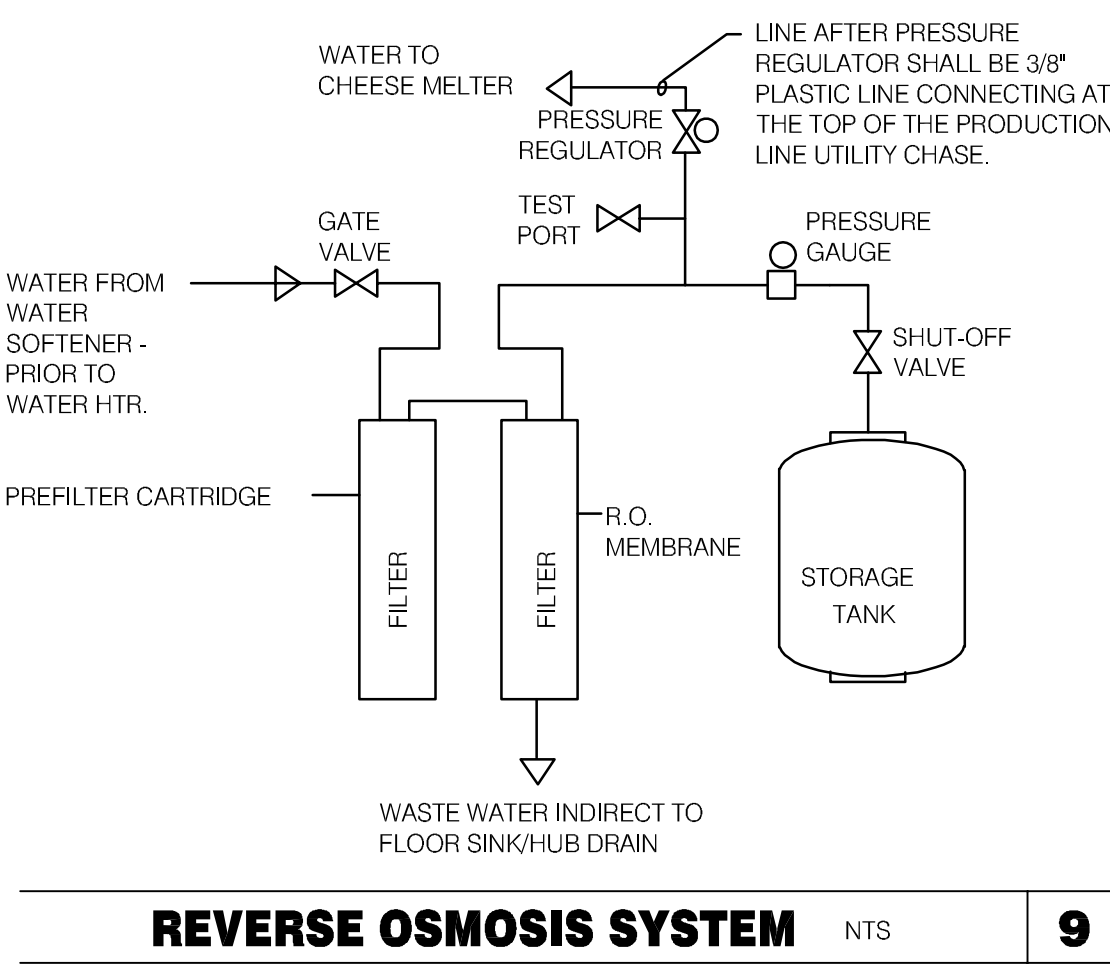
RO SET ISSUED: 10.27.22



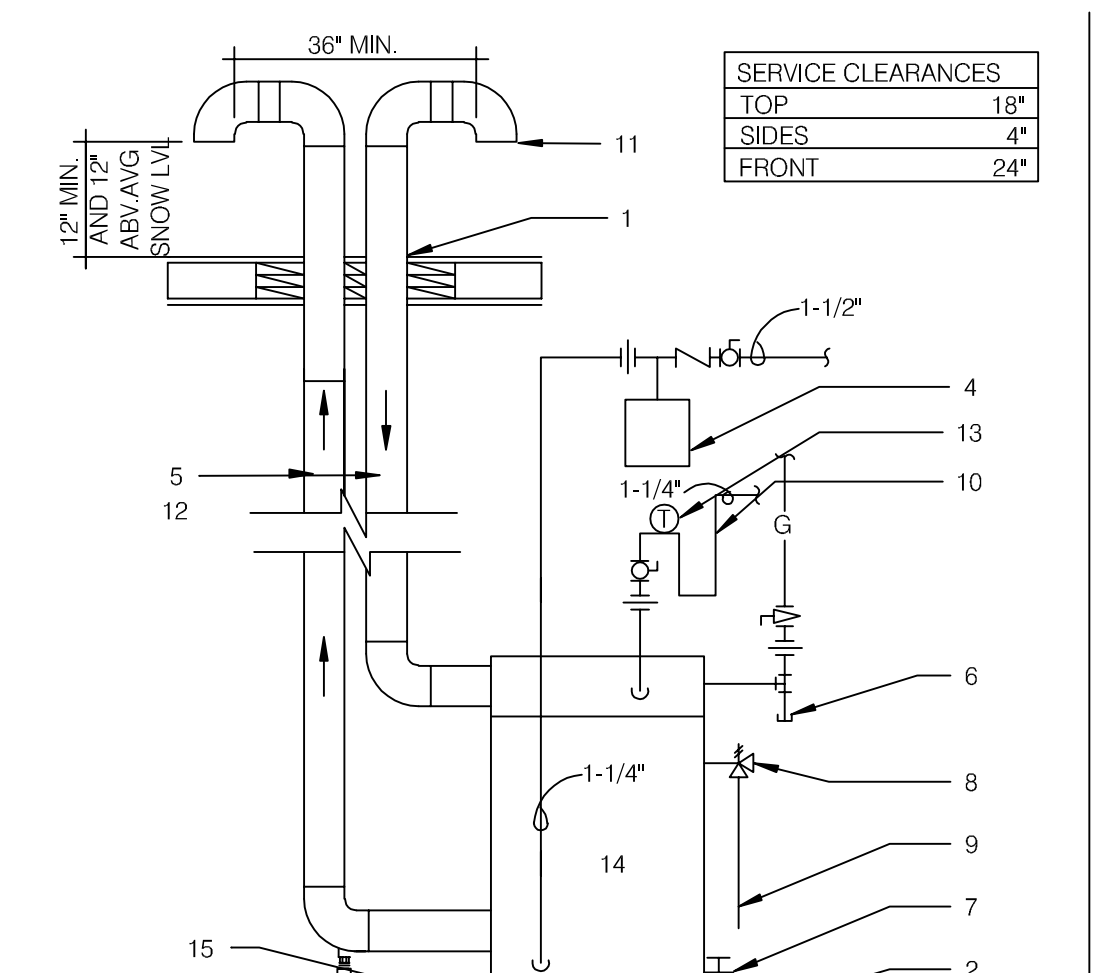
TEMPERING VALVE NTS **11**



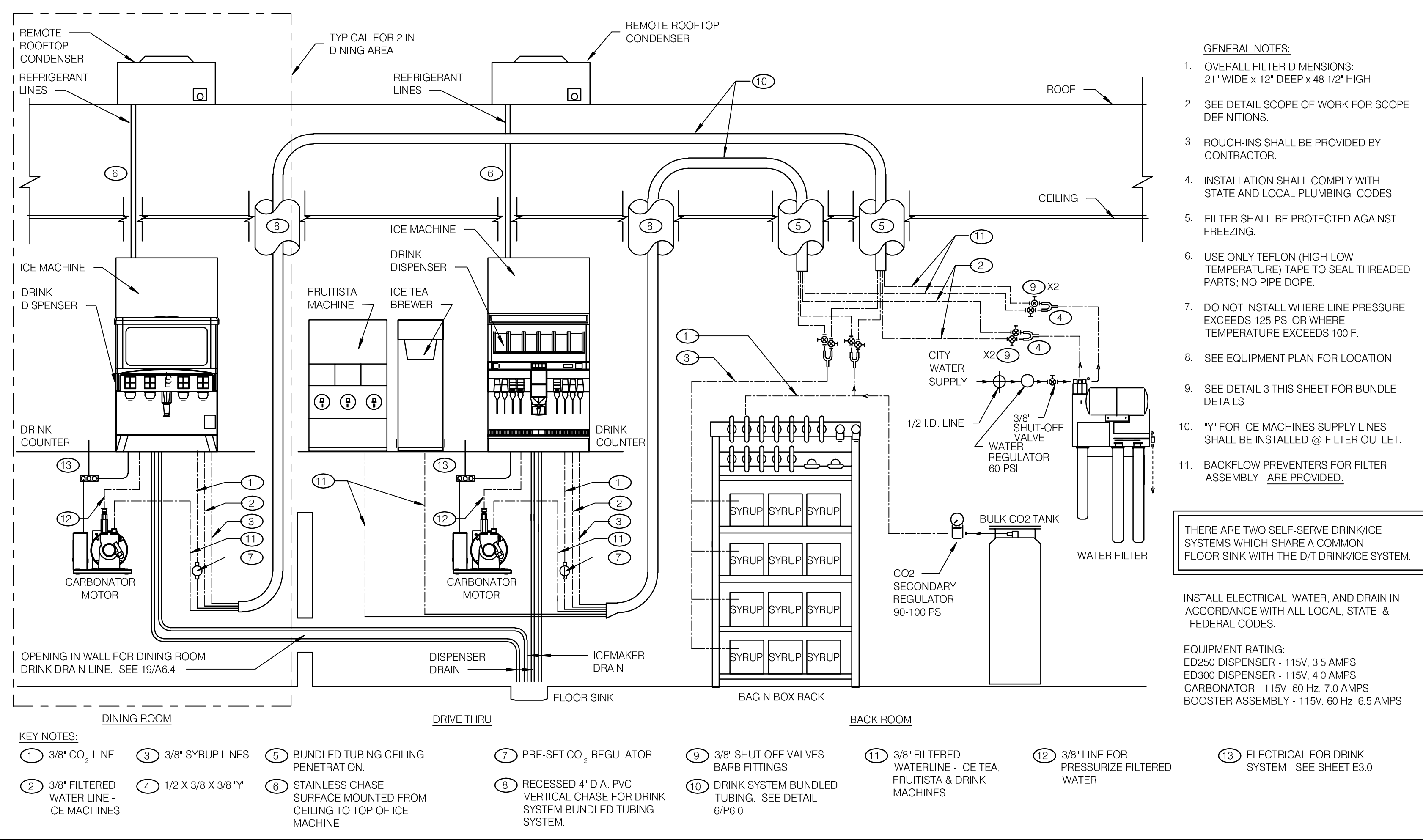
RTU CONDENSATE NTS **10**



REVERSE OSMOSIS SYSTEM NTS **9**



WATER FILTER SYSTEM NTS **1**



- GENERAL NOTES:**
- OVERALL FILTER DIMENSIONS: 21" WIDE x 12" DEEP x 48 1/2" HIGH
 - SEE DETAIL SCOPE OF WORK FOR SCOPE DEFINITIONS.
 - ROUGH-INS SHALL BE PROVIDED BY CONTRACTOR.
 - INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING CODES.
 - FILTER SHALL BE PROTECTED AGAINST FREEZING.
 - USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
 - DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
 - SEE EQUIPMENT PLAN FOR LOCATION.
 - SEE DETAIL 3 THIS SHEET FOR BUNDLE DETAILS.
 - **Y** FOR ICE MACHINES SUPPLY LINES SHALL BE INSTALLED @ FILTER OUTLET.
 - BACKFLOW PREVENTERS FOR FILTER ASSEMBLY ARE PROVIDED.

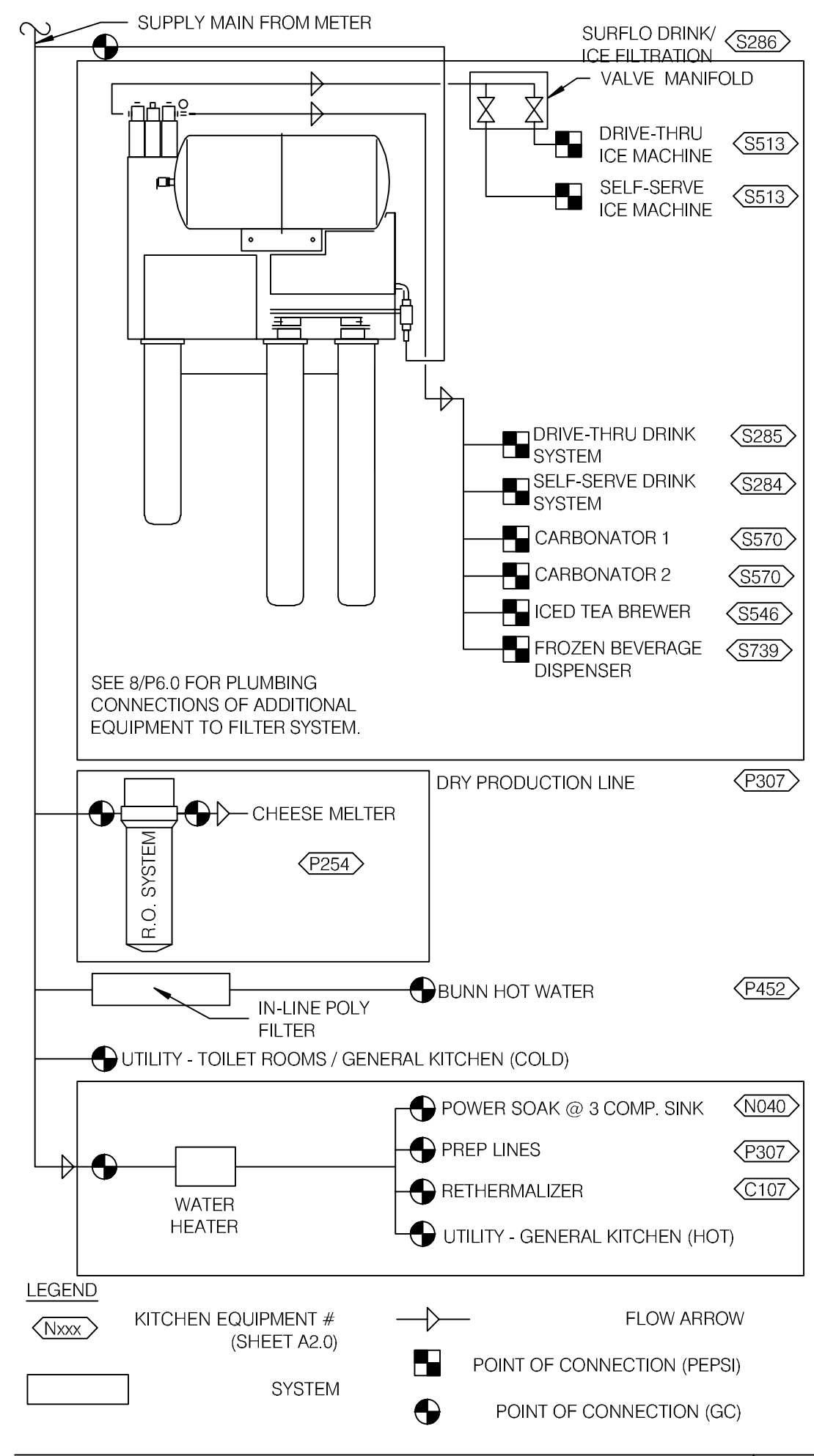
THERE ARE TWO SELF-SERVE DRINK/ICE SYSTEMS WHICH SHARE A COMMON FLOOR SINK WITH THE D/T DRINK/ICE SYSTEM.

INSTALL ELECTRICAL, WATER, AND DRAIN IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL CODES.

EQUIPMENT RATING:
 ED250 DISPENSER - 115V, 3.5 AMPS
 ED300 DISPENSER - 115V, 4.0 AMPS
 CARBONATOR - 115V, 60 Hz, 7.0 AMPS
 BOOSTER ASSEMBLY - 115V, 60 Hz, 6.5 AMPS

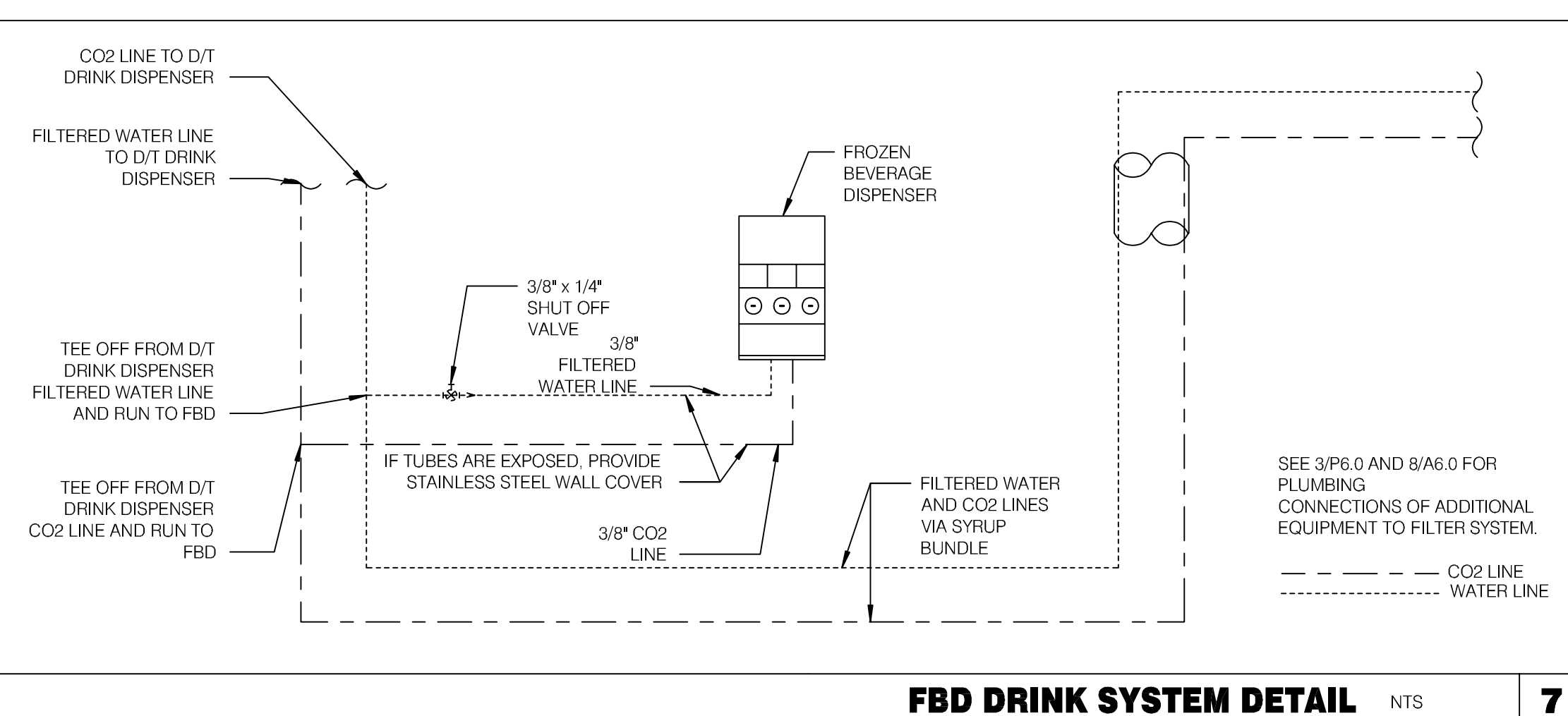
- KEY NOTES:**
- 1 3/8" CO₂ LINE
 - 2 3/8" FILTERED WATER LINE - ICE MACHINES
 - 3 3/8" SYRUP LINES
 - 4 1/2 X 3/8 X 3/8 **Y
 - 5 BUNDLED TUBING CEILING PENETRATION.
 - 6 STAINLESS CHASE SURFACE MOUNTED FROM CEILING TO TOP OF ICE MACHINE
 - 7 PRE-SET CO₂ REGULATOR
 - 8 RECESSED 4" DIA. PVC VERTICAL CHASE FOR DRINK SYSTEM BUNDLED TUBING SYSTEM.
 - 9 3/8" SHUT OFF VALVES BARB FITTINGS
 - 10 DRINK SYSTEM BUNDLED TUBING. SEE DETAIL 6/P6.0
 - 11 3/8" FILTERED WATERLINE - ICE TEA, FRUITISTA & DRINK MACHINES
 - 12 3/8" LINE FOR PRESSURIZE FILTERED WATER
 - 13 ELECTRICAL FOR DRINK SYSTEM. SEE SHEET E3.0

DRINK SYSTEM SCHEMATIC NTS **8**

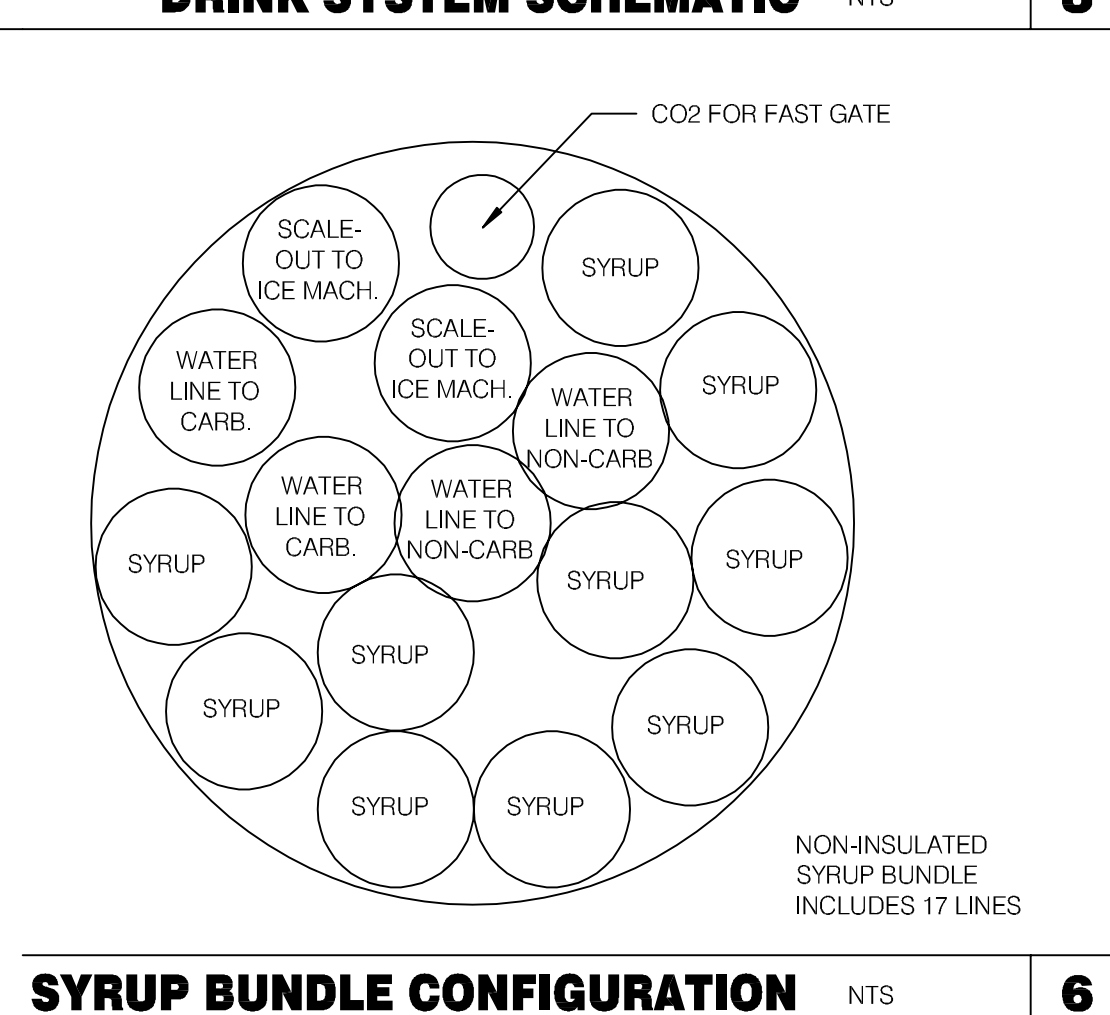


- LEGEND**
- KITCHEN EQUIPMENT # (SHEET A2.0)
 - SYSTEM
 - FLOW ARROW
 - POINT OF CONNECTION (PEPSI)
 - POINT OF CONNECTION (GC)

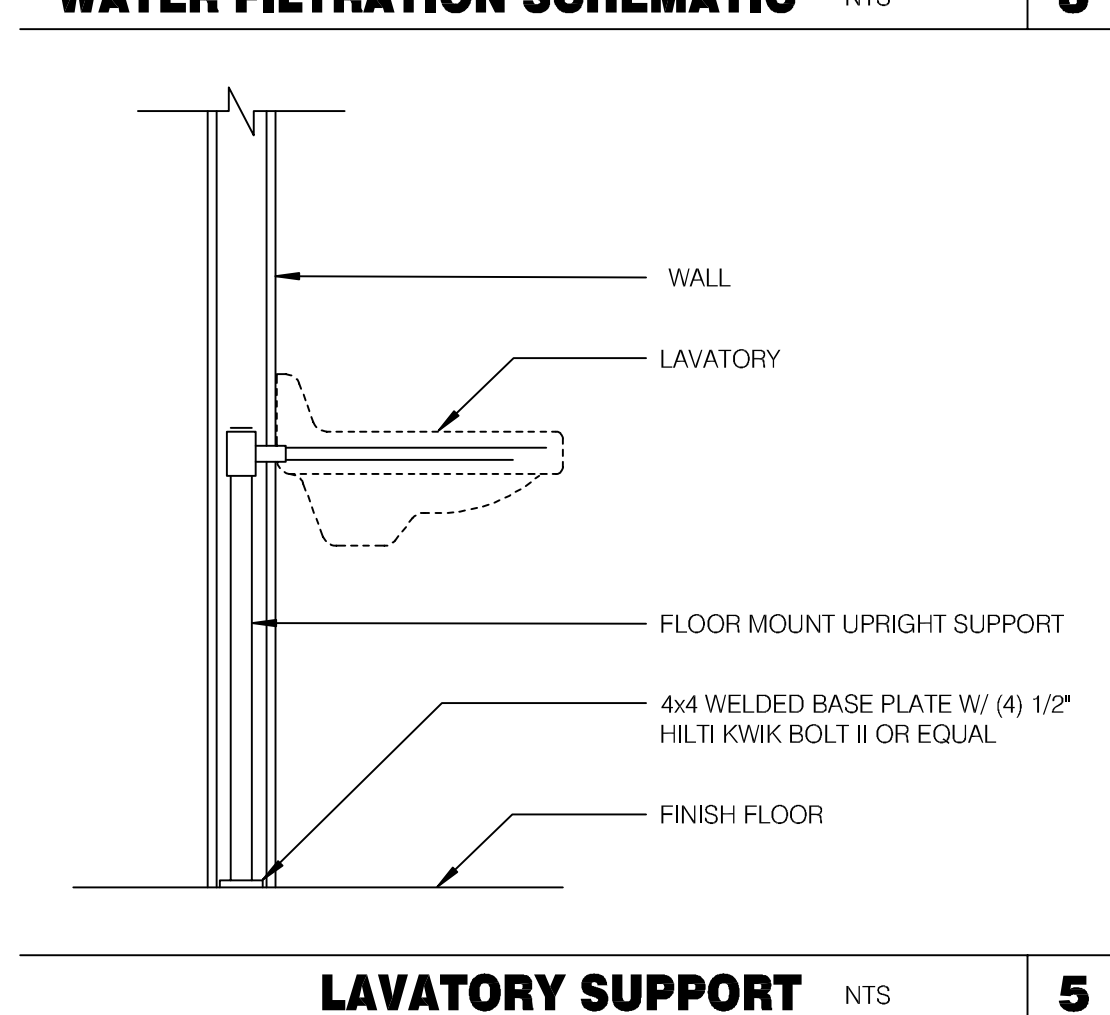
WATER FILTRATION SCHEMATIC NTS **3**



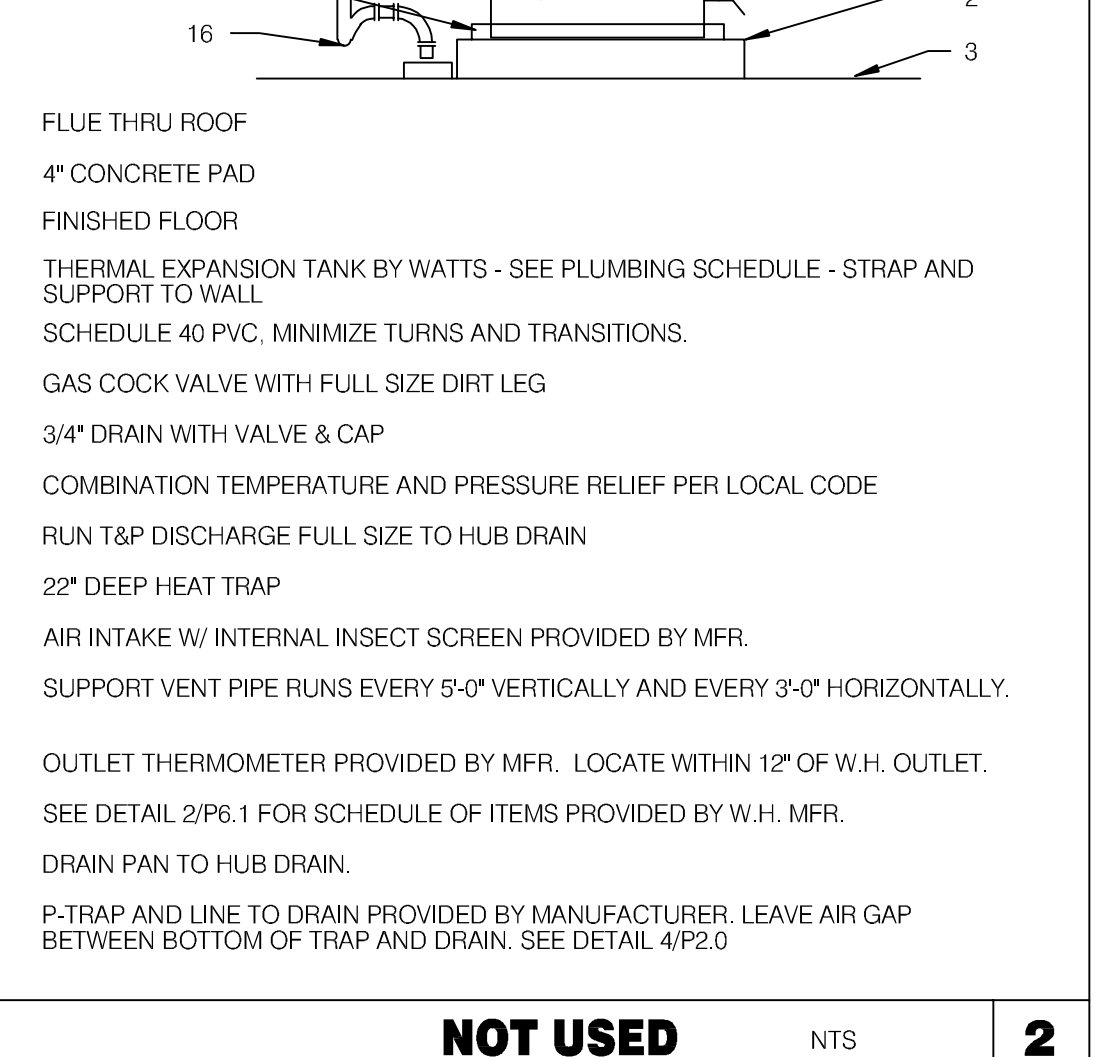
FBD DRINK SYSTEM DETAIL NTS **7**



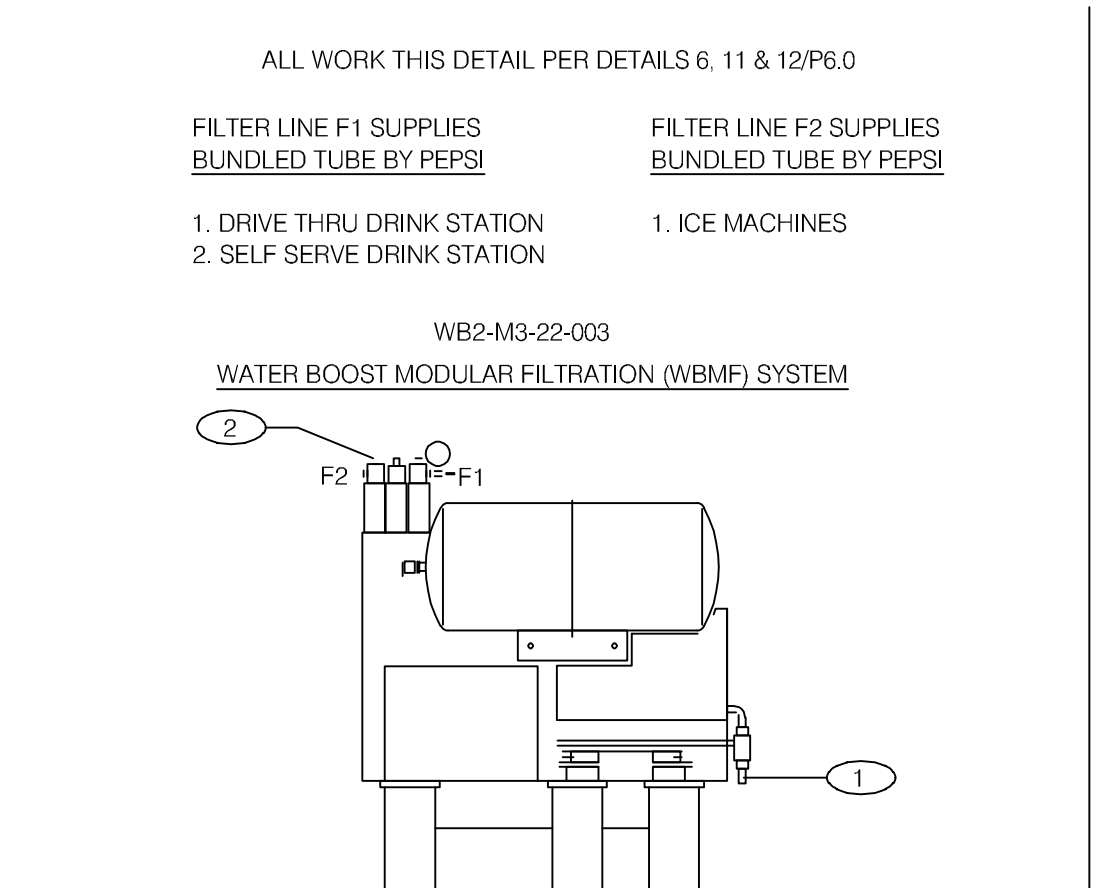
SYRUP BUNDLE CONFIGURATION NTS **6**



LAVATORY SUPPORT NTS **5**



NOT USED NTS **2**



- KEY NOTES:**
- 3/4" COLD WATER INLET TO 1/2" COPPER LINE AND FITTINGS AT FILTER.
 - 3/4" OUTLET W/ INTEGRAL BACKFLOW PREVENTER. EQUAL TO WATTS REGULATOR CO. SERIES 007 AND SERVICE BALL VALVE.
- GENERAL NOTES:**
- OVERALL DIMENSIONS 21" WIDE x 12" DEEP x 48 1/2" HIGH
 - SEE SCOPE OF WORK FOR ADDITIONAL INFORMATION.
 - INSTALLATION SHALL COMPLY WITH STATE AND LOCAL PLUMBING CODES.
 - THE UNIT SHALL BE PROTECTED AGAINST FREEZING.
 - USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
 - DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
 - SEE SH. A2.0 FOR LOCATION.

WATER FILTER SYSTEM NTS **1**

ARCVISION
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 1950 CRAIG ROAD, SUITE 300 ST. LOUIS, MO 63146
 PH. (314) 415-2400 FAX (314) 415-2300 www.arcv.com

STATE OF MICHIGAN
 ROBERT J. WELLS
 LICENSED PROFESSIONAL ENGINEER
 No. 6201056088

10/28/22

CONTRACT DATE:
 BUILDING TYPE: N2T-M70HD
 PLAN VERSION: ENDEAVOR
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TACO BELL
 205 ANN ARBOR RD.
 PLYMOUTH, MI 48170

TACO BELL
MAJOR

PLUMBING DETAILS

P5.0

RS SET ISSUED: 10.27.22