

# POPEYES

## LOUISIANA KITCHEN (BASED ON 2124 PROTOTYPE) 440 NW Chipman Road Lee's Summit, MO 64063

### DRAWING LIST

- CS COVER PAGE
- AS1.1 ARCHITECTURAL SITE PLAN
- AS2.1 MENU SIGN DETAILS
- AS2.2 SITE DETAILS - GREASE/CO2 TANK ENCLOSURE
- D1.0 DEMOLITION FLOOR PLAN
- D2.0 DEMOLITION EXTERIOR ELEVATIONS
- A1.0 FLOOR PLAN AND SCHEDULES
- A2.0 EQUIPMENT PLAN AND SCHEDULES
- A3.0 REFLECTED CEILING PLAN & DETAILS
- A4.0 ROOF PLAN AND DETAILS
- A5.0 EXTERIOR ELEVATIONS
- A6.1 WALL SECTIONS
- A8.0 DETAILS
- A9.0 INTERIOR ELEVATIONS
- A9.1 INTERIOR ELEVATIONS
- A9.2 INTERIOR ELEVATIONS
- A9.3 WASHROOM DETAILS
- A10.0 TILE PLAN AND FINISHING SCHEDULE
- A11.0 DOOR AND WINDOW SCHEDULES
- SP1 ARCHITECTURAL SPECIFICATIONS
- SP2 ARCHITECTURAL SPECIFICATIONS
- SP3 ARCHITECTURAL SPECIFICATIONS
- SP4 ARCHITECTURAL SPECIFICATIONS
- SP5 ARCHITECTURAL SPECIFICATIONS
- SP6 ARCHITECTURAL SPECIFICATIONS
- SP7 ARCHITECTURAL SPECIFICATIONS
  
- PS1.1 PLUMBING SPECIFICATIONS
- P1.1 PLUMBING SCHEDULES & NOTES
- P2.1 PLUMBING PLAN - SANITARY, WASTE & VENT
- P2.2 PLUMBING PLAN - DOMESTIC WATER
- P2.3 PLUMBING PLAN - NATURAL GAS
- P3.1 PLUMBING RISERS
- P4.1 PLUMBING DETAILS
- P4.2 PLUMBING DETAILS
  
- MS1.1 MECHANICAL SPECIFICATIONS
- M1.1 MECHANICAL FLOOR PLAN
- M1.2 MECHANICAL ROOF PLAN
- M2.1 MECHANICAL SCHEDULES
- M3.1 MECHANICAL HOOD DRAWINGS
- M3.2 MECHANICAL HOOD DRAWINGS
- M4.1 MECHANICAL DETAILS
  
- ES.1 ELECTRICAL SPECIFICATIONS
- ES.2 ELECTRICAL SPECIFICATIONS
- E1.0 GENERAL NOTES AND LEGEND
- E1.1 ELECTRICAL LIGHTING PLAN
- E1.2 ELECTRICAL POWER PLAN
- E1.3 ELECTRICAL ROOF PLAN
- E1.4 ELECTRICAL POS PLAN
- E1.5 ELECTRICAL SECURITY PLAN
- E1.6 ELECTRICAL FIRE ALARM PLAN
- E2.1 ELECTRICAL SCHEDULES
- E3.1 ELECTRICAL DETAILS
- E3.2 ELECTRICAL DETAILS
- E4.1 ELECTRICAL ENERGY CALCS
- ES1.0 ELECTRICAL SITE PLAN

### PROJECT CONTACTS

**ARCHITECT:**  
(k) Warman Architecture + Design, PC  
1828 Swift St., Suite 101  
North Kansas City, MO 64116  
TEL: (816) 474-2233  
FAX: (816) 474-1051  
REP: Kathleen Warman

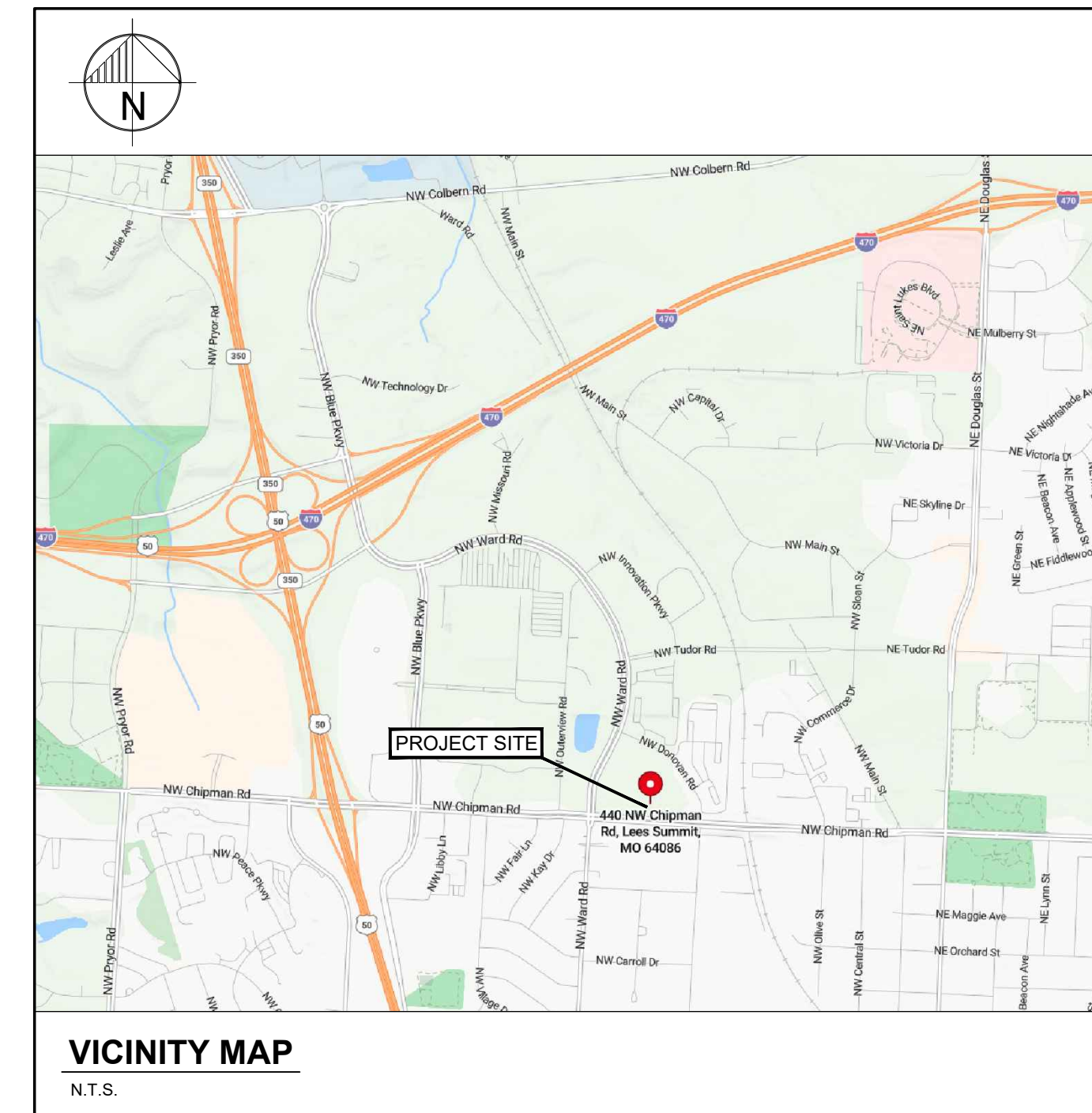
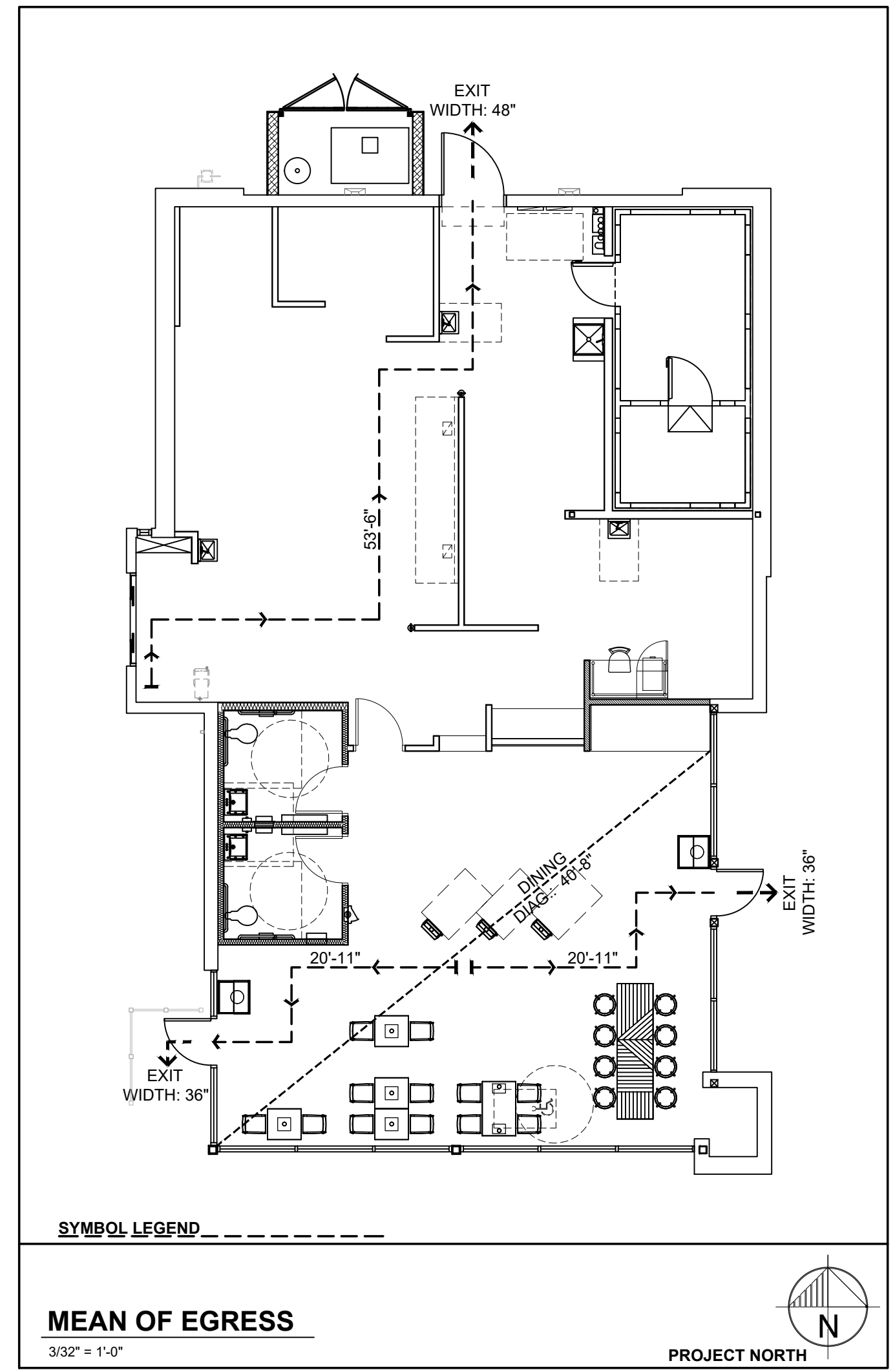
**OWNER:**  
CSM Group  
10190 Katy Freeway, Suite 350  
Houston, TX 77043  
TEL: (713) 266-8799  
REP: Faizan Yousuf

**MEP ENGINEER:**  
Case Engineering, Inc.  
796 Merus Court  
St. Louis, MO 63026  
TEL: (636) 349-1600  
FAX: (618) 978-9912  
REP: Nicholas Hipp

### ABBREVIATIONS

BOH	BACK OF HOUSE	O.C.	ON CENTER
CL	CENTER LINE	P-LAM	PLASTIC LAMINATE
CONC	CONCRETE	S.F.C.	STORE FIXTURE COMPANY
CPM	CONSTRUCTION PROJECT MANAGER	SPEC	SPECIFICATION
EQ	EQUAL	T/O	TOP OF
FOH	FRONT OF HOUSE	TBD	TO BE DETERMINED
G.C.	GENERAL CONTRACTOR	TYP.	TYPICAL
MAX.	MAXIMUM	U/S	UNDERSIDE
MIN.	MINIMUM	W/	WITH
N/A	NOT APPLICABLE	WRM	WASHROOM

CODE INFORMATION																															
<b>FIRM NAME:</b> (k) Warman Architecture + Design, PC 1735 Swift Street North Kansas City, MO 64116 TEL: (816) 474-2233 REP: Kathleen Warman																															
<b>NAME OF PROJECT:</b> POPEYES - BUILDING REMODEL																															
<b>LOCATION:</b> 440 NW Chipman Road Lee's Summit, MO 64063																															
1	APPLICABLE CODES BUILDING: 2018 INTERNATIONAL BUILDING CODE PLUMBING: 2018 UNIFORM PLUMBING CODE FIRE: 2018 INTERNATIONAL FIRE CODE MECHANICAL: 2018 INTERNATIONAL MECHANICAL CODE ELECTRICAL: 2017 NATIONAL ELECTRIC CODE ACCESSIBILITY: ICC/ANSI A117.1-2009, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES																														
2	ZONING CLASSIFICATION: N/A																														
3	OCCUPANCY CLASSIFICATION: A2 - (RESTAURANT) WITH NO MIXED USE OCCUPANCIES																														
4	CONSTRUCTION TYPE: VB - NON-SPRINKLERED COMBUSTIBLE MATERIALS, UNPROTECTED																														
5	BUILDING AREA: ALLOWED: 6,000 SQ.FT. PROVIDED: 2,304 SQ.FT.																														
6	BUILDING HEIGHT: ALLOWED: 42'-2" HIGH PROVIDED: 19'-2" HIGH																														
7	SCOPE OF WORK STATEMENT: REMODEL																														
8	OCCUPANCY CALCULATIONS <table border="1"> <thead> <tr> <th>USE</th> <th>SQUARE FOOTAGE</th> <th>OCCUPANT LOAD FACTOR</th> <th>NUMBER OF OCCUPANTS</th> <th>NUMBER OF SEATS</th> </tr> </thead> <tbody> <tr> <td>DINING (UNCONCENTRATED)</td> <td>585 SQ. FT.</td> <td>1.15</td> <td>39</td> <td>20</td> </tr> <tr> <td>DINING (STANDING)</td> <td>135 SQ. FT.</td> <td>1.15</td> <td>27</td> <td>-</td> </tr> <tr> <td>KITCHEN</td> <td>1,037 SQ. FT.</td> <td>1.200</td> <td>6</td> <td>-</td> </tr> <tr> <td>RESTROOMS</td> <td>110 SQ. FT. (TOTAL)</td> <td>1 - PER</td> <td>2</td> <td>-</td> </tr> <tr> <td colspan="4">TOTAL NUMBER OF OCCUPANTS:</td> <td>74</td> </tr> </tbody> </table> <p>*UNOCCUPIED AREAS INCLUDE: WALK-IN FREEZER/COOLER, WALLS, &amp; CANOPIES / OVERHANGS NOTE: AREA SQUARE FOOTAGE SHOWN ARE FOR THE BUILDING CODE REVIEWERS USE AND REVIEW ONLY. AREA CALCULATIONS SHOWN NOT RELATED TO TENANT LEASING INFORMATION.</p>	USE	SQUARE FOOTAGE	OCCUPANT LOAD FACTOR	NUMBER OF OCCUPANTS	NUMBER OF SEATS	DINING (UNCONCENTRATED)	585 SQ. FT.	1.15	39	20	DINING (STANDING)	135 SQ. FT.	1.15	27	-	KITCHEN	1,037 SQ. FT.	1.200	6	-	RESTROOMS	110 SQ. FT. (TOTAL)	1 - PER	2	-	TOTAL NUMBER OF OCCUPANTS:				74
USE	SQUARE FOOTAGE	OCCUPANT LOAD FACTOR	NUMBER OF OCCUPANTS	NUMBER OF SEATS																											
DINING (UNCONCENTRATED)	585 SQ. FT.	1.15	39	20																											
DINING (STANDING)	135 SQ. FT.	1.15	27	-																											
KITCHEN	1,037 SQ. FT.	1.200	6	-																											
RESTROOMS	110 SQ. FT. (TOTAL)	1 - PER	2	-																											
TOTAL NUMBER OF OCCUPANTS:				74																											
9	EGRESS CALCULATIONS <table border="1"> <thead> <tr> <th>TOTAL OCCUPANTS</th> <th>CALCULATED MIN. EGRESS (1009.1)</th> <th>MIN. EGRESS WIDTH REQUIRED</th> <th>TOTAL EGRESS WIDTH PROVIDED</th> </tr> </thead> <tbody> <tr> <td>74</td> <td>0.20' X 74 = 14.8'</td> <td>(32" MIN.)</td> <td>120'</td> </tr> </tbody> </table>	TOTAL OCCUPANTS	CALCULATED MIN. EGRESS (1009.1)	MIN. EGRESS WIDTH REQUIRED	TOTAL EGRESS WIDTH PROVIDED	74	0.20' X 74 = 14.8'	(32" MIN.)	120'																						
TOTAL OCCUPANTS	CALCULATED MIN. EGRESS (1009.1)	MIN. EGRESS WIDTH REQUIRED	TOTAL EGRESS WIDTH PROVIDED																												
74	0.20' X 74 = 14.8'	(32" MIN.)	120'																												
10	EXITS TOTAL REQUIRED: 2 TOTAL PROVIDED: 3 EGRESS CORRIDOR WIDTH PER EXIT: 44" CLEAR																														
11	FIRE RESISTIVE REQUIREMENTS EXTERIOR BEARING WALL: (0 HOUR) ROOF CONSTRUCTION: (0 HOUR) CEILING: (0 HOUR)																														
12	SPRINKLER SYSTEM ENTIRE BUILDING (EXISTING) _____ IN LIEU OF ROOF RATING BASEMENT ONLY _____ X NOT REQUIRED																														
13	FIRE ALARM: NOT REQUIRED																														
14	MAX. TRAVEL DISTANCE: 200'																														
15	PLUMBING REQUIREMENTS <table border="1"> <thead> <tr> <th></th> <th>MALE</th> <th>FEMALE</th> </tr> </thead> <tbody> <tr> <td>WATER CLOSETS</td> <td>1 REQUIRED FOR MALE</td> <td>1 REQUIRED FOR FEMALE</td> </tr> <tr> <td>LAVATORIES</td> <td>1 REQUIRED FOR MALE</td> <td>1 REQUIRED FOR FEMALE</td> </tr> <tr> <td>URINALS</td> <td>NOT REQUIRED</td> <td>NOT REQUIRED</td> </tr> <tr> <td>DRINKING FOUNTAIN</td> <td>NOT REQUIRED</td> <td>NOT REQUIRED</td> </tr> <tr> <td>PUBLIC ACCESS</td> <td>PROVIDED</td> <td>PROVIDED</td> </tr> </tbody> </table>		MALE	FEMALE	WATER CLOSETS	1 REQUIRED FOR MALE	1 REQUIRED FOR FEMALE	LAVATORIES	1 REQUIRED FOR MALE	1 REQUIRED FOR FEMALE	URINALS	NOT REQUIRED	NOT REQUIRED	DRINKING FOUNTAIN	NOT REQUIRED	NOT REQUIRED	PUBLIC ACCESS	PROVIDED	PROVIDED												
	MALE	FEMALE																													
WATER CLOSETS	1 REQUIRED FOR MALE	1 REQUIRED FOR FEMALE																													
LAVATORIES	1 REQUIRED FOR MALE	1 REQUIRED FOR FEMALE																													
URINALS	NOT REQUIRED	NOT REQUIRED																													
DRINKING FOUNTAIN	NOT REQUIRED	NOT REQUIRED																													
PUBLIC ACCESS	PROVIDED	PROVIDED																													



### CONTRACTORS

CONTRACTORS ARE TO CONTACT THE CONSTRUCTION PROJECT MANAGER AS INDICATED IN THE WRITTEN SCOPE OF WORK FOR BIDDERS LIST. FOR APPROVED SUPPLIERS LIST, NATIONAL ACCOUNT PHONE NUMBERS AND CONTRACTORS REFER TO SPECIFICATION DRAWINGS.

### NOTE

ALL PROPOSED SIGNAGE UNDER SEPARATE PERMIT AND SHALL MEET THE CITY'S CODE OF ORDINANCES REGARDING SIGNAGE

PROJECT NO.: 6091-24

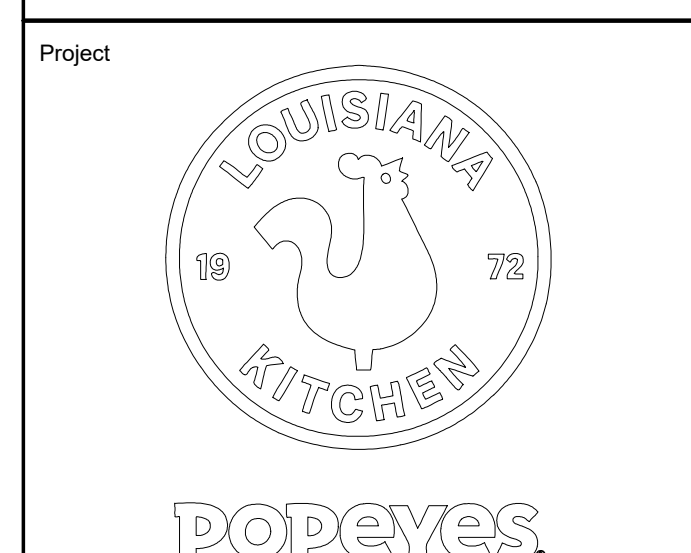
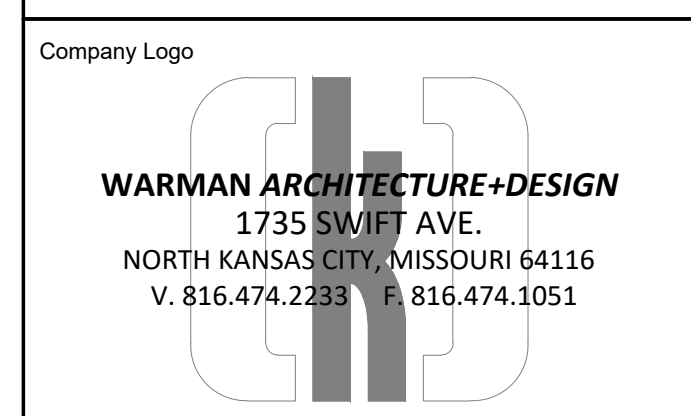
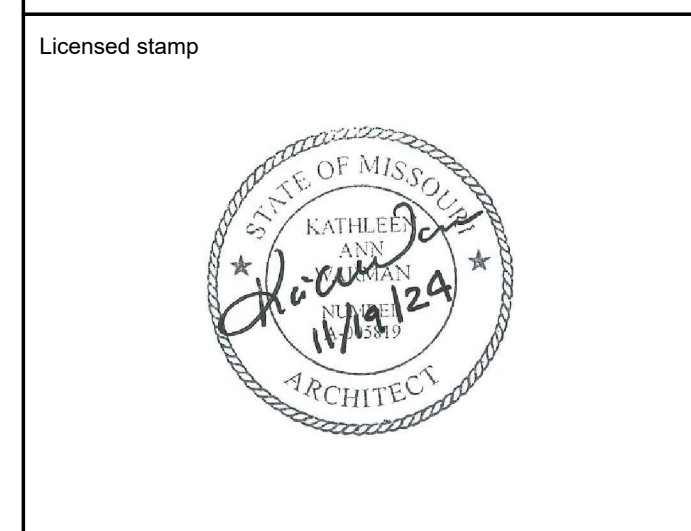
ISSUE TABLE		
No.	Date (mm/dd/yy)	Description

REVISIONS		
No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN		
No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION"



Store Type: **REMODEL**  
(BASED ON US 2124 PROTOTYPE)

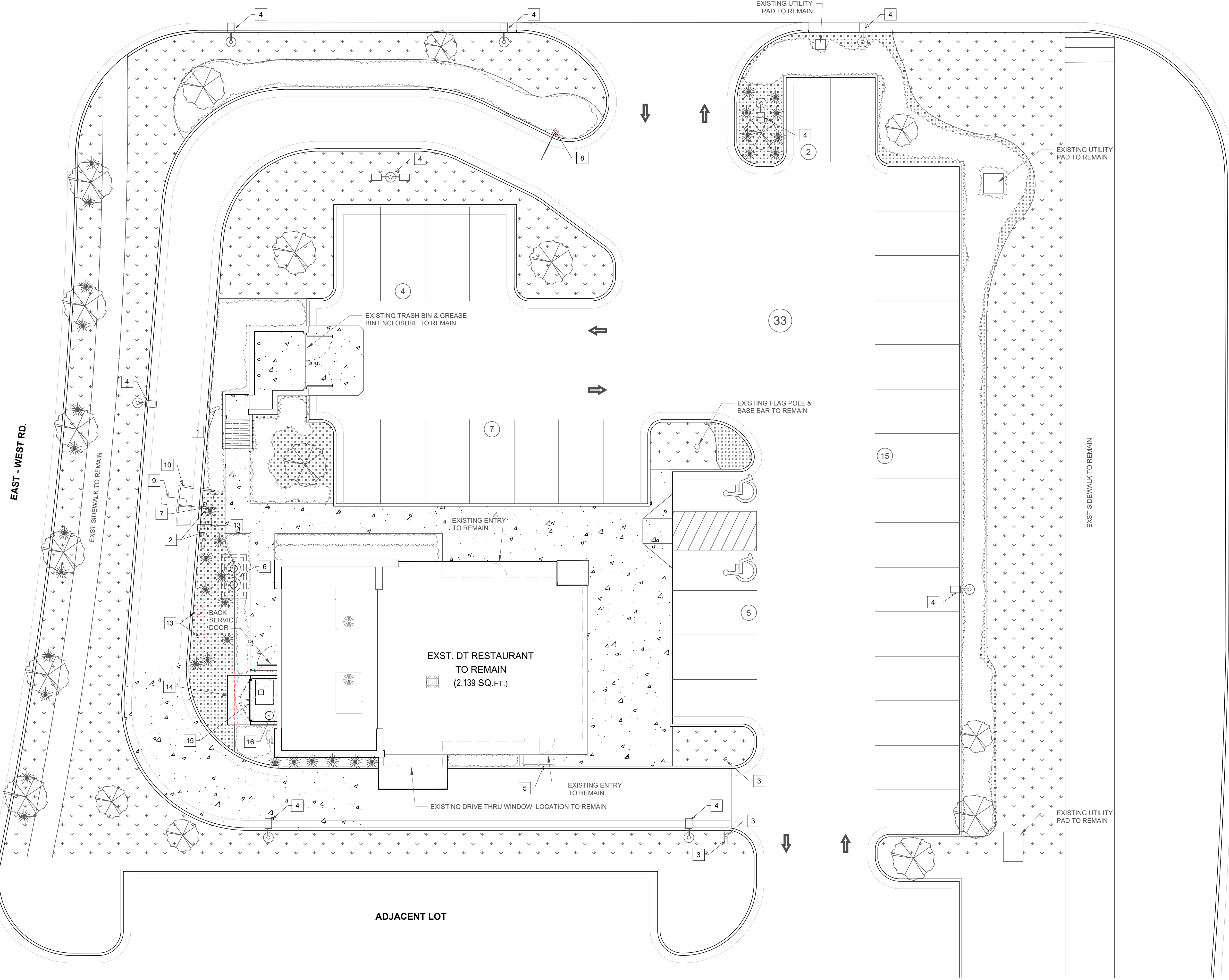
Location: **440 NW Chipman Road  
Lee's Summit, MO 64063**

Drawing Title	
<b>COVER</b>	
Drawn: cdt	Checked: KAW
Scale: 1/4"=1'-0"	Date: Oct 8, 2024
Project No.: 6091-24	Drawing No.:

ISSUED FOR PERMIT REVIEW  
NOVEMBER 19, 2024

NORTH - SOUTH ROAD

EAST - WEST RD.



LOT SIZE (EXST. TO REMAIN) = 39,248 SQ. FT.

**GENERAL NOTE**  
ARCHITECTURAL SITE PLAN IS TO BE USED FOR GUIDELINE REFERENCE ONLY. ALL SITE SPECIFIC INFORMATION AND REQUIREMENTS IS TO BE COORDINATED WITH ARCHITECT, MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL ENGINEER OF RECORD.

- NOTES**
- INSTALL DRIVE-THRU DIGITAL PRE-SELL MENU BOARD. REFER TO INSTALLATION DETAILS ON SHEET 2/AS2.1.
  - INSTALL NEW DIGITAL MENU BOARD. REFER TO INSTALLATION DETAILS ON SHEET 3/AS2.1.
  - EXISTING DIRECTIONAL SIGNAGE TO REMAIN.
  - EXISTING SITE AREA LIGHT FIXTURE, POLE & BASE TO REMAIN.
  - EXISTING PATIO RAILING TO REMAIN.
  - EXISTING BELOW GRADE GREASE INTERCEPTOR TO REMAIN.
  - INSTALL SPEAKER POST. REFER TO DETAILS ON SHEET 7/AS2.1.
  - REMOVE EXISTING CONCRETE PIER FOUNDATION OF CLEARANCE BAR. INSTALL NEW CLEARANCE BAR WITH NEW PIER FOUNDATION AT EXISTING LOCATION. REFER TO DETAIL ON SHEET 6/AS2.1.
  - INSTALL NEW VEHICLE LOOP. REFER TO 5/AS2.1 FOR DETAIL.
  - INSTALL NEW DRIVE-THRU ORDER CANOPY. REFER TO SIGNAGE PACKAGE DRAWINGS.
  - EXISTING APPROACHES TO REMAIN.
  - EXISTING TREES, SHRUBS, TURF & LANDSCAPE BEDS TO REMAIN.
  - REMOVE EXISTING CONCRETE PIER FOUNDATION. BACKFILL HOLE & GRADE SMOOTH.
  - NEW CONCRETE PAD FOR EQUIPMENT ENCLOSURE.
  - NEW 6'-10" TALL EQUIPMENT ENCLOSURE - SECURE GATES W/ LOCK TO PREVENT UNAUTHORIZED ACCESS. PROVIDE BLOCKING IN EXTERIOR BUILDING WALL AS REQUIRED FOR EYEBOLT INSTALLATION AND CHAIN W/ LOCK TO SECURE CO2 TANK.

**LEGEND**

	CONCRETE PAD FOR EQUIPMENT ENCLOSURE
	EXISTING GRASS TO REMAIN
	EXISTING GROUND COVER (ROCK) TO REMAIN
	EXISTING SHRUBS TO REMAIN
	EXISTING TREE TO REMAIN
	EXISTING ORNAMENTAL GRASS TO REMAIN
	EXISTING SITE LIGHT, POLE & BASE TO REMAIN

**ISSUE TABLE**

No.	Date (mm/dd/yy)	Description

**REVISIONS**

No.	Date	Description

**DRAWINGS REVISED AS PER DESIGN BULLETIN**

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS 'ISSUED FOR CONSTRUCTION'.



Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051



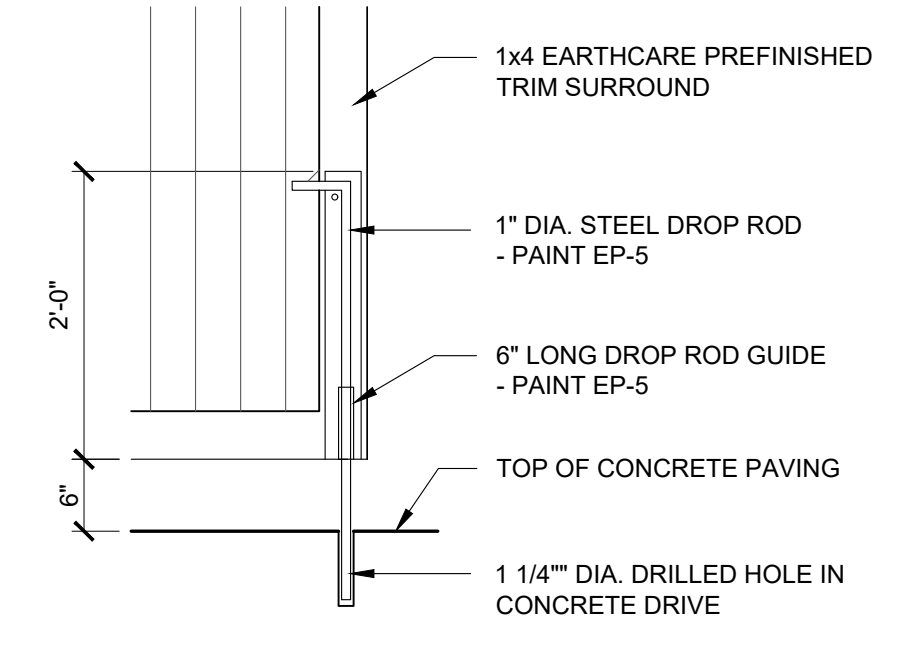
Store Type **REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road  
Lee's Summit, MO 64063**

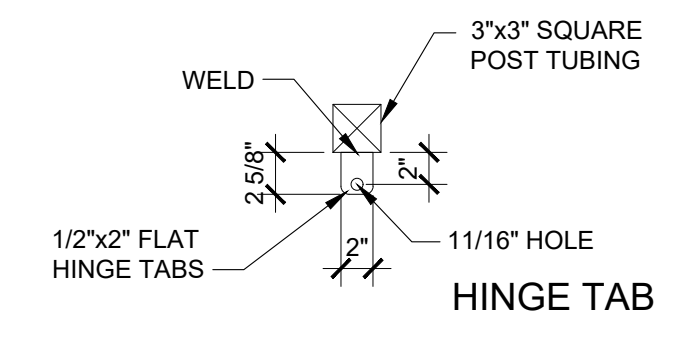
Drawing Title  
**ARCHITECTURAL  
SITE PLAN**

Drawn cdt	Checked KAW
Scale AS NOTED	Date Oct 8, 2024
Project No. 6091-24	Drawing No. AS1.1

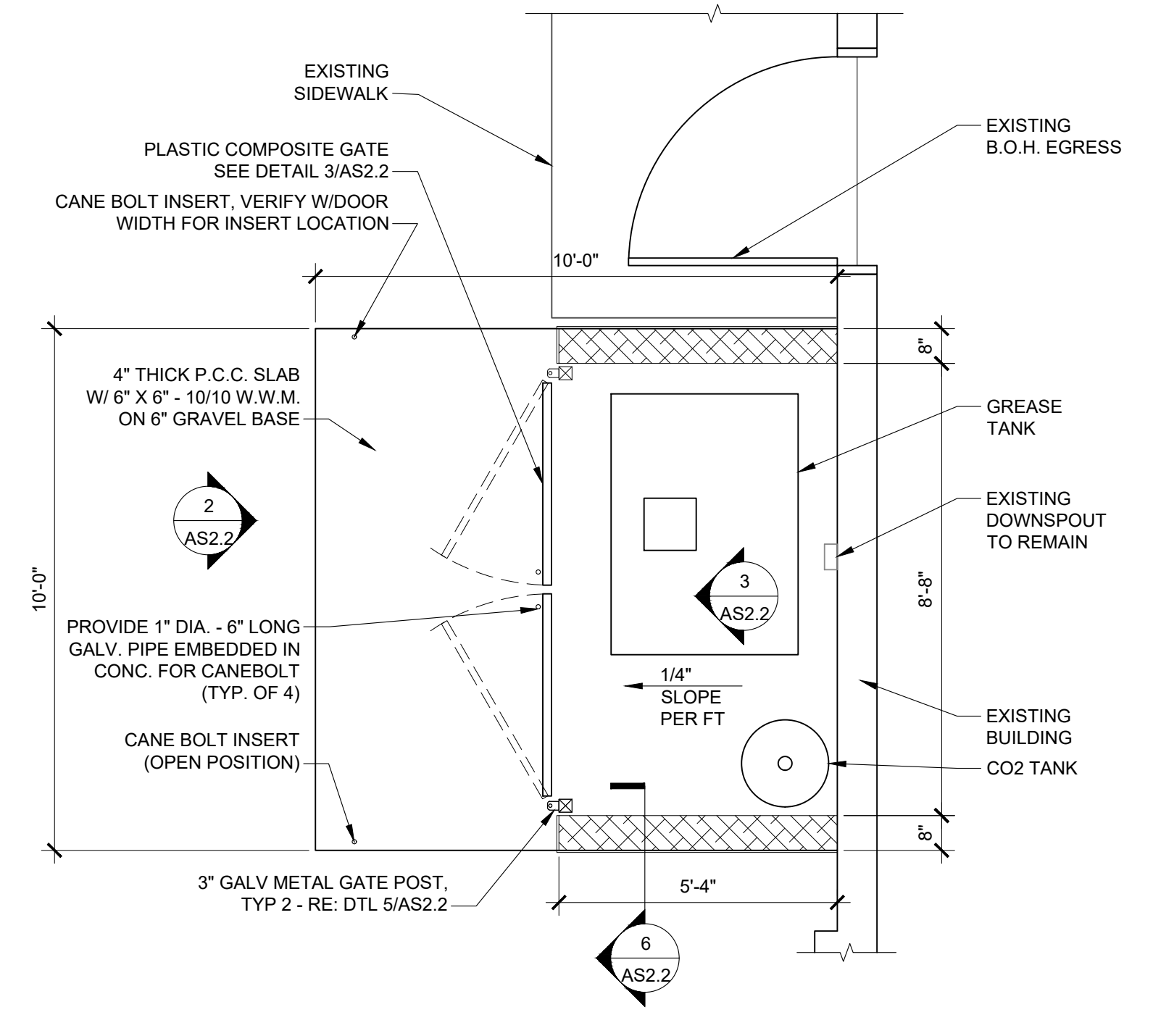




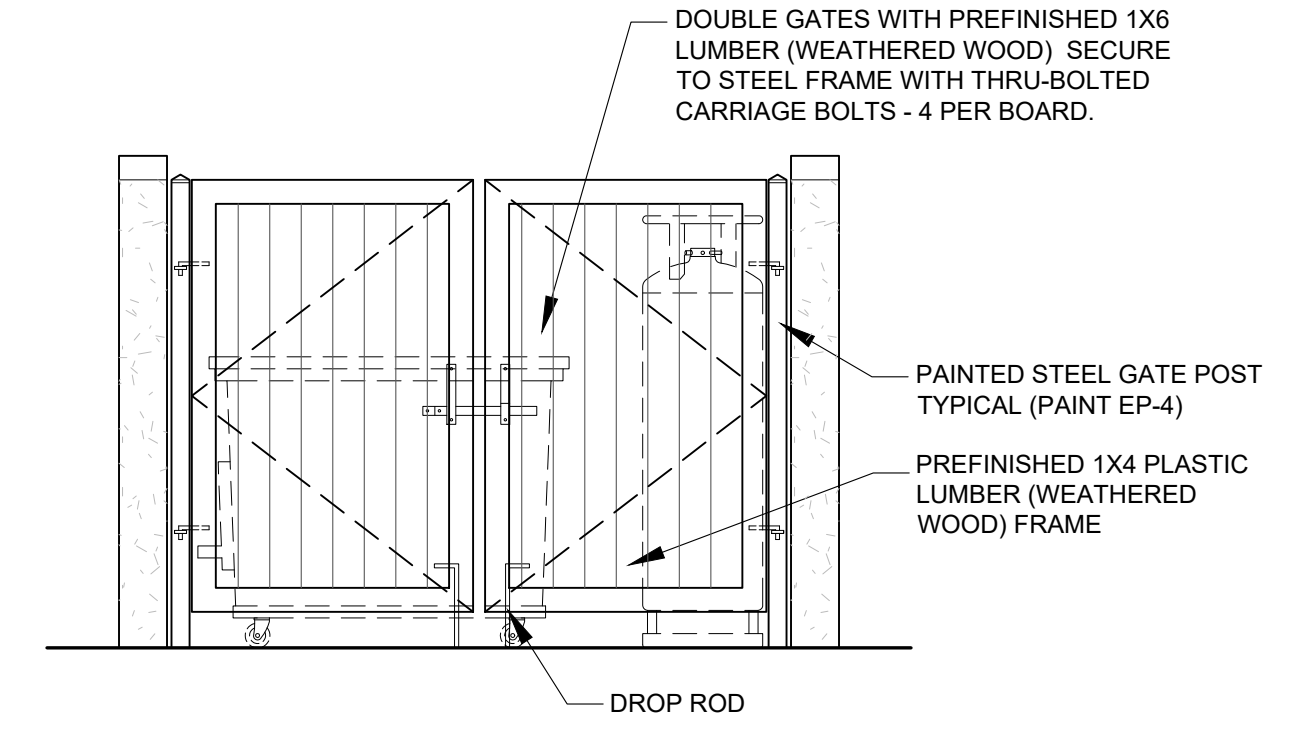
**4**  
**AS2.2** DROP ROD DETAIL  
SCALE: 3/4" = 1'-0"



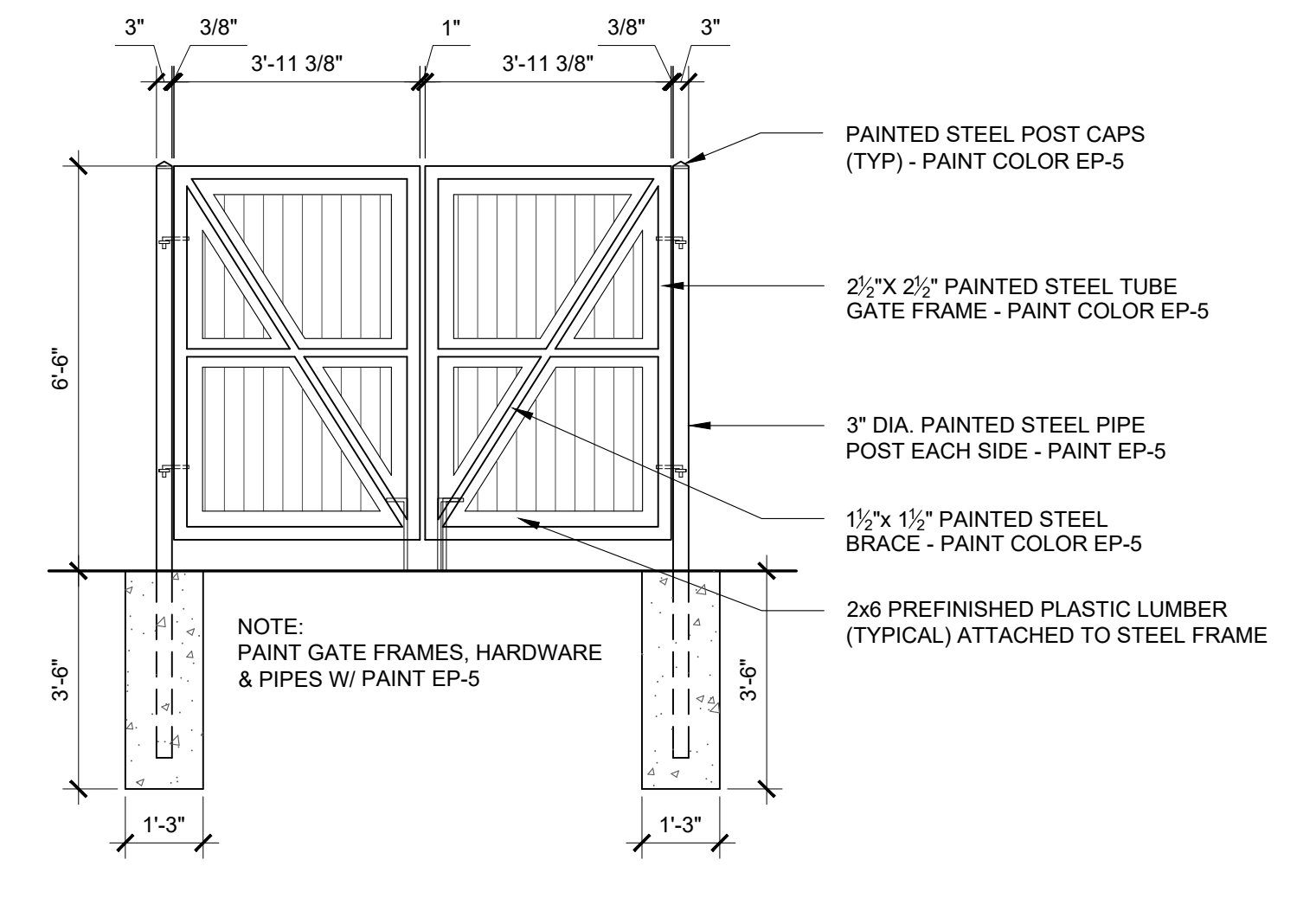
**5**  
**AS2.2** ENCLOSURE GATE HINGE TAB DETAIL  
SCALE: 3/8" = 1'-0"



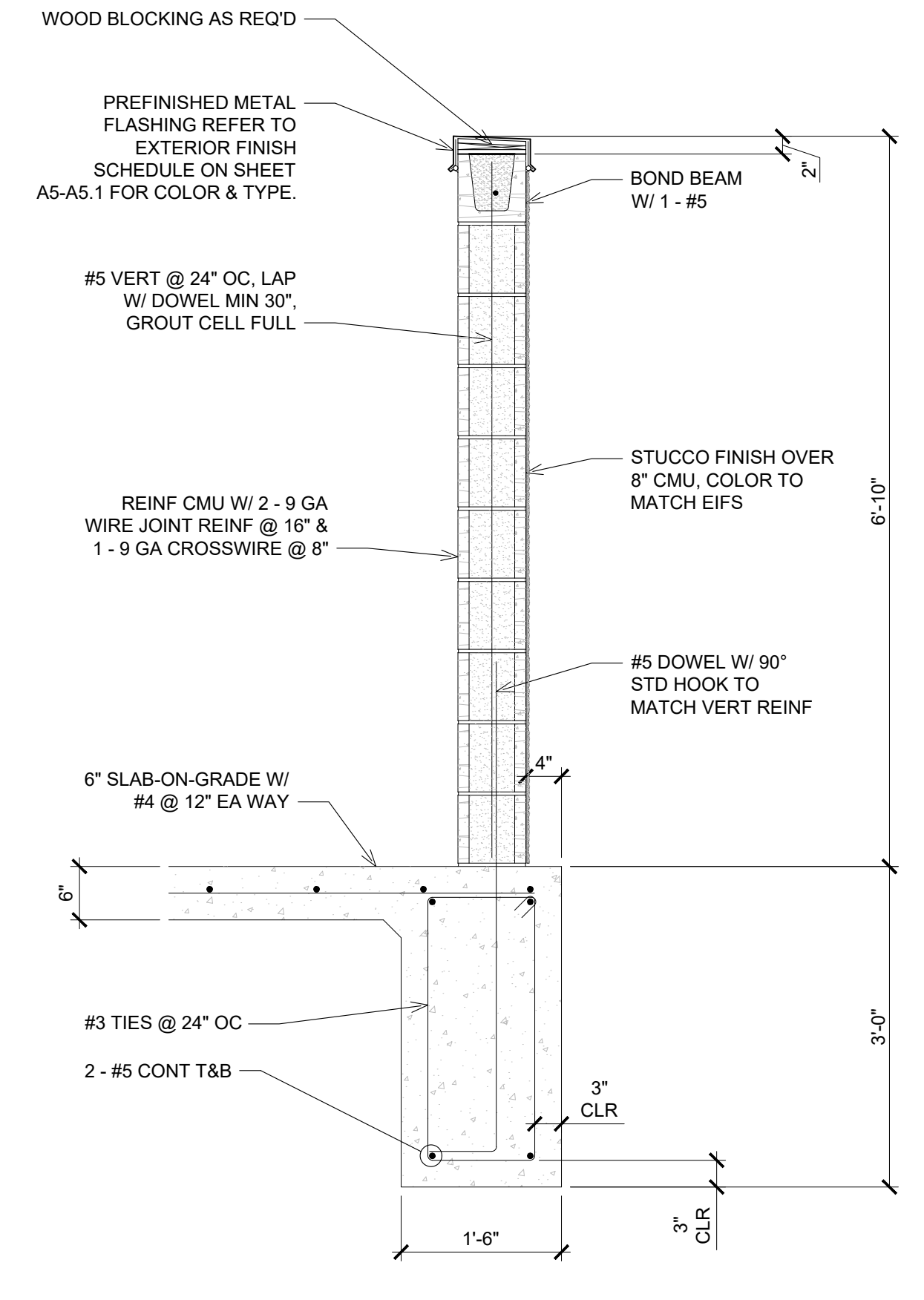
**1**  
**AS2.2** GREASE & CO2 TANKS ENCLOSURE  
SCALE: 3/8" = 1'-0"



**2**  
**AS2.2** DUMPSTER ENCLOSURE & GATE EXT. ELEV.  
SCALE: 3/8" = 1'-0"



**3**  
**AS2.2** ENCLOSURE & GATE INT. ELEV.  
SCALE: 3/8" = 1'-0"



**6**  
**AS2.2** ENCLOSURE WALL SECTION  
SCALE: 3/4" = 1'-0"

ISSUE TABLE		
No.	Date (mm/dd/yy)	Description

REVISIONS		
No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN		
No.	Date	Description

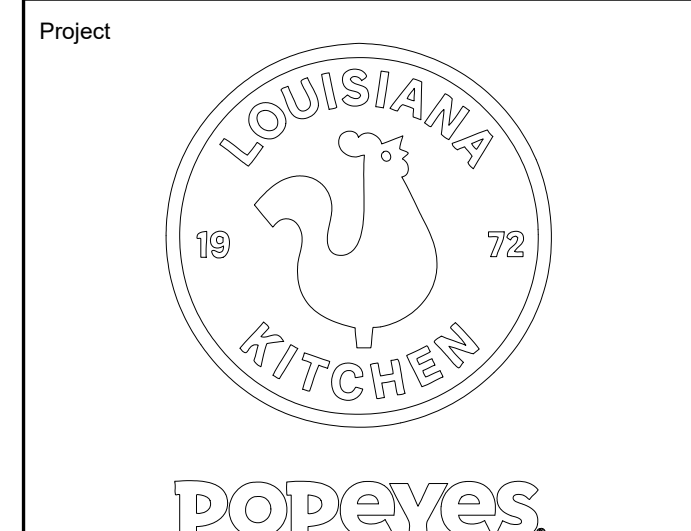
THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS 'ISSUED FOR CONSTRUCTION'.



Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051



Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road**  
**Lee's Summit, MO 64063**

Drawing Title	
<b>SITE DETAILS - ENCLOSURE</b>	
Drawn cdt	Checked KAW
Scale AS NOTED	Date Oct 8, 2024
Project No. 6091-24	Drawing No. AS2.2





### FLOOR PLAN NOTES

- APPROXIMATE LOCATION OF FRONT COUNTER. CONSULT MILLWORK DRAWINGS FOR ACTUAL LOCATION. G.C TO ENSURE FLOOR TILE TRANSITION FALLS UNDERNEATH MILLWORK COUNTERS. G.C TO COORDINATE WITH MILLWORK COMPANY FOR ACTUAL LOCATION.
- G.C TO PROVIDE AND INSTALL 2" X 2" (4FT LIGHT DUTY 20 GAUGE "H4 BRUSHED") S/S CORNER GUARDS FROM 4" A.F.F AND 1 1/2" X 1 1/2" PLASTIC CORNER GUARDS (FROM FRP SUPPLIER) FROM 4"-4" TO U/S OF CEILINGS AND BULKHEADS ON ALL OUTSIDE CORNERS.
- N/A.
- PROVIDE PLYWOOD BACKING / BLOCKING IN WALL AS REQUIRED TO SUPPORT WALL MOUNTED ITEM.
- N/A.
- N/A.
- NO TILE REQUIRED ON FLOOR AT FREEZER. FREEZER TO HAVE INSULATED FLOOR. G.C TO PROVIDE & INSTALL 2" RIGID INSULATION UNDER SLAB FOR ENTIRE AREA OF COOLER / FREEZER. G.C TO COORDINATE SIZE WITH WALK-IN MANUFACTURER.
- N/A.
- PORTION OF EXISTING ROOF LADDER ABOVE NEW WALK-IN FROM 10' - 0" A.F.F. & ABOVE TO REMAIN.
- EXISTING ELECTRICAL PANELS. RE: TO ELECTRICAL DRAWINGS.
- N/A.
- HOT WATER TANK C/W EXPANSION TANK (IF REQUIRED) MOUNTED ABOVE MOP SINK. REFER TO MECHANICAL DRAWINGS.
- G.C TO PROVIDE AND INSTALL SURFACE MOUNTED MOP SINK. WALLS AROUND MOP SINK TO RECEIVE 1/2" CEMENTITIOUS BACKER BOARD FROM FLOOR TO 4'-0" A.F.F. REFER TO MECHANICAL DWGS.
- G.C TO SUPPLY AND INSTALL SOUND BATT INSULATION ON ALL PUBLIC WASHROOM WALLS.
- EXISTING GAS METER. RE: TO PLUMBING DRAWINGS.
- N/A.
- WALL TO BE COMPLETE W/ 1 LAYER 1/2" DUROCK NEXT GEN CEMENT BOARD ON 2" X 4" WOOD STUDS @ 16" O.C. CARRY STUDS & CEMENT BOARD TO 6" ABOVE CEILING.
- PROVIDE PROPER NON-COMBUSTIBLE SUPPORT IN WALL AS REQUIRED TO SUPPORT EXHAUST HOOD. IMPLEMENTATION OF EXHAUST HOOD TO FOLLOW LOCAL GUIDELINES.
- EXISTING METAL RAILING TO REMAIN. G.C. SHALL PAINT PER EXTERIOR ELEVATIONS.
- INSTALL FLOOR TILE AFTER INSTALLATION OF COOLER UNIT. G.C TO COORDINATE WITH COOLER/FREEZER MANUFACTURER.
- N/A.
- PROVIDE & INSTALL SCHLUTER STRIP AT TILED CORNERS. REFER TO SHEET A10 FOR SPECIFICATIONS.
- WATER FILTRATION SYSTEM BY EQUIPMENT SUPPLIER. REFER TO MEP DRAWINGS. WATER FILTRATION SYSTEM TO BE INSTALLED TIGHT AGAINST THE CORNER.
- REFER TO SHEET A9.3 FOR WASHROOM ELEVATIONS.
- N/A.
- PROVIDE BACKING/BLOCKING IN WALL AS REQUIRED TO SUPPORT WALL MOUNTED LED SCREENS.
- N/A.
- 1/2" CEMENT BOARD EXTEND 24" A.F.F AND 1/2" GYPSUM WALL BOARD ABOVE ON 2" X 4" WOOD STUDS.
- G.C TO PROVIDE LEVEL 5 DRYWALL FINISH (AT A LOCATION BEHIND WALL GRAPHIC) C/W 2 COATS OF PRIMER OR 1 COAT OF LATEX PAINT. REFER TO INTERIOR DECOR DRAWINGS FOR ADDITIONAL DETAILS.
- N/A.
- WALL MOUNTED FIRE EXTINGUISHER TO BE SUPPLIED BY G.C. AND INSTALLED BY G.C. - G.C. TO VERIFY LOCATION WITH FIRE MARSHALL.
- SEMI- RECESSED FIRE EXTINGUISHER AND CABINET. REFER TO INTERIOR ELEVATION.
- PROVIDE PLYWOOD BEHIND PORTAL OFFICE CABINET. REFER TO INTERIOR ELEVATION.
- N/A.
- N/A.
- EXISTING DRIVE THRU WINDOW TO REMAIN.
- PROVIDE MIN. 2" AIR SPACE BETWEEN COOLER / FREEZER AND FACE OF WALL.
- N/A.
- N/A.
- COOLER / FREEZER UNIT PROVIDED & INSTALLED BY MANUFACTURER. INTERIOR RAMP TO BE PROVIDED INSIDE FREEZER UNIT BY MANUFACTURER. G.C TO COORDINATE.
- N/A.
- N/A.
- 2" X 4" WOOD @ 16" O.C. WING WALL. FOR HAND SINK INSTALL. WALL COMPLETE WITH 1/2" CEMENT BOARD EXTEND 24" A.F.F. AND 1/2" GWB EXTEND TO 6" ABOVE CEILING. PROVIDE PLYWOOD SHEATHING IN BETWEEN STUDS.
- NEW 6'-10" TALL EQUIPMENT ENCLOSURE - SECURE GATES W/ LOCK TO PREVENT UNAUTHORIZED ACCESS.
- PROVIDE BLOCKING IN EXTERIOR BUILDING WALL AS REQUIRED FOR EYEBOLT INSTALLATION AND CHAIN W/ LOCK TO SECURE CO2 TANK.
- G.C TO PROVIDE AND INSTALL S/S PANELS BEHIND AND BESIDE FRY STATION AS INDICATED. REFER TO DETAIL 1/8B AND INTERIOR ELEVATIONS 4/A9.1.
- WATER METER AND BACK FLOW PREVENTER. REFER TO PLUMBING DRAWINGS.
- TELEPHONE PANEL BOARD. REFER TO ELECTRICAL DRAWINGS.
- EXISTING HOSE BIB TO REMAIN.
- G.C. TO PROVIDE AND INSTALL WOOD BLOCKING BEHIND THE MILLWORK COUNTER. REFER TO INTERIOR ELEVATION ON A9, A9.1 AND DETAIL 5/A8.

ISSUE TABLE		
No.	Date (mm/dd/yy)	Description

REVISIONS		
No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN		
No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".

Licensed stamp

Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051

Project

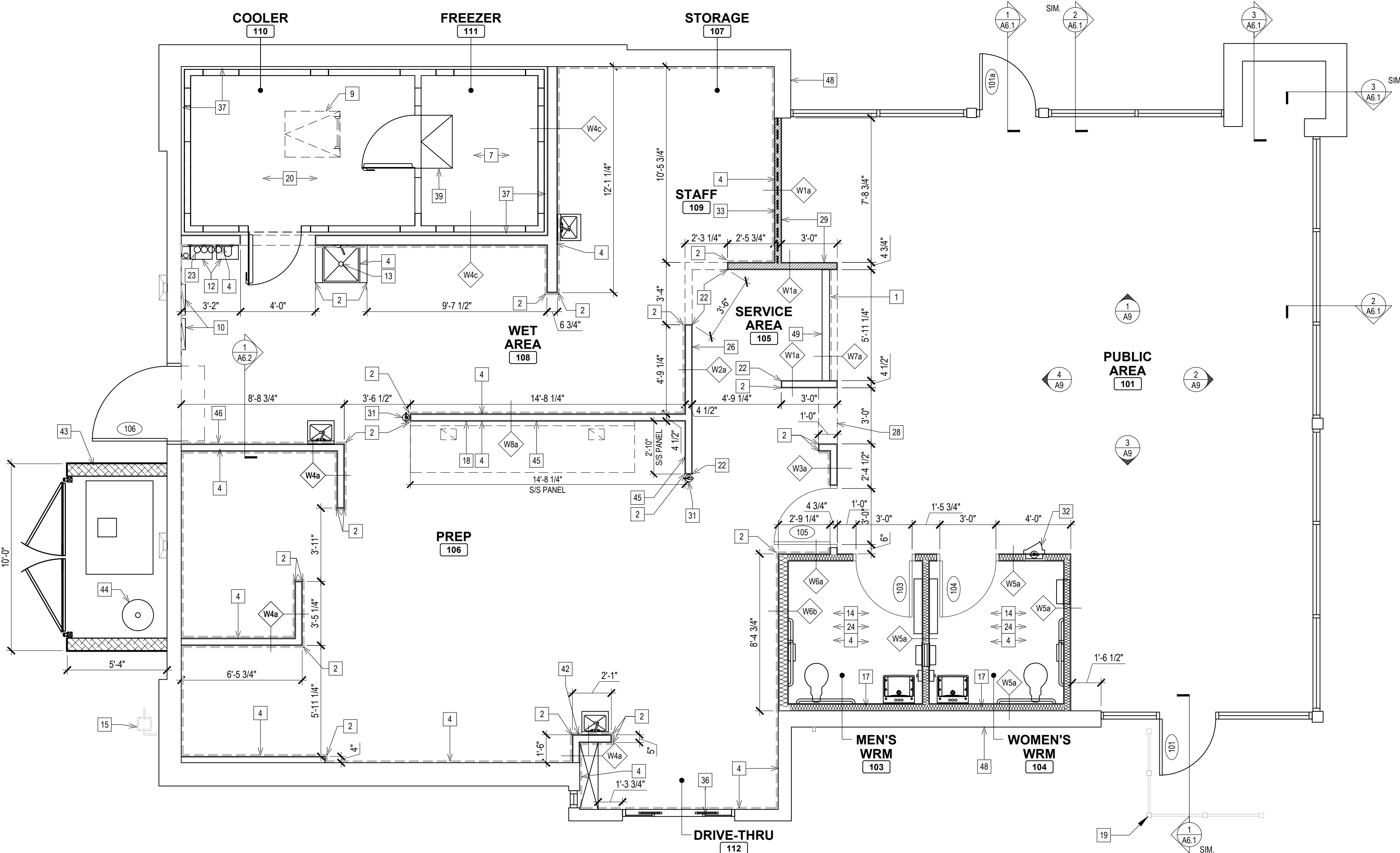
**POPEYES**

Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road  
Lee's Summit, MO 64063**

Drawing Title  
**FLOOR PLAN  
AND SCHEDULES**

Drawn <b>cdt</b>	Checked <b>KAW</b>
Scale <b>1/4"=1'-0"</b>	Date <b>Oct 8, 2024</b>
Project No. <b>6091-24</b>	Drawing No. <b>A1.0</b>



**1 FLOOR PLAN**  
A1 SCALE: 1/4"=1'-0"  
NORTH

- NOTE:**
- PROVIDE FULL PLYWOOD BACKING INSTEAD OF DRYWALL IN BACK OF HOUSE WHERE PERMITTED BY CODE.
  - G.C TO ENSURE THE FOLLOWING SHOP DRAWINGS ARE SUBMITTED:
    - BULKHEADS (FRONT COUNTER, MENU SCREEN & PUBLIC AREA SUSPENDED GB CEILING) (P. ENG. STAMPED)
    - ROOF ACCESS LADDER/CAGE/ROOF HATCH (P. ENG. STAMPED)
    - CURTAIN WALL (P. ENG. STAMPED)
    - LIST OF HARDWARE / DOORS
    - DRIVE THRU WINDOW
    - ROOFING MATERIALS
  - REFER ALSO TO SPECIFICATION SECTIONS FOR SHOP DRAWINGS REQUIREMENTS.
  - PRIME CONSULTANT TO REQUEST THE FOLLOWING SHOP DRAWINGS TO THE RELATED VENDOR FOR REVIEW:
    - REFRIGERATION BOXES
    - MILLWORK
    - GRAPHICS
  - REFER TO MECHANICAL, ELECTRICAL & STRUCTURAL DRAWINGS FOR MECHANICAL, ELECTRICAL & STRUCTURAL REQUIREMENTS.

### WALL TYPE LEGEND

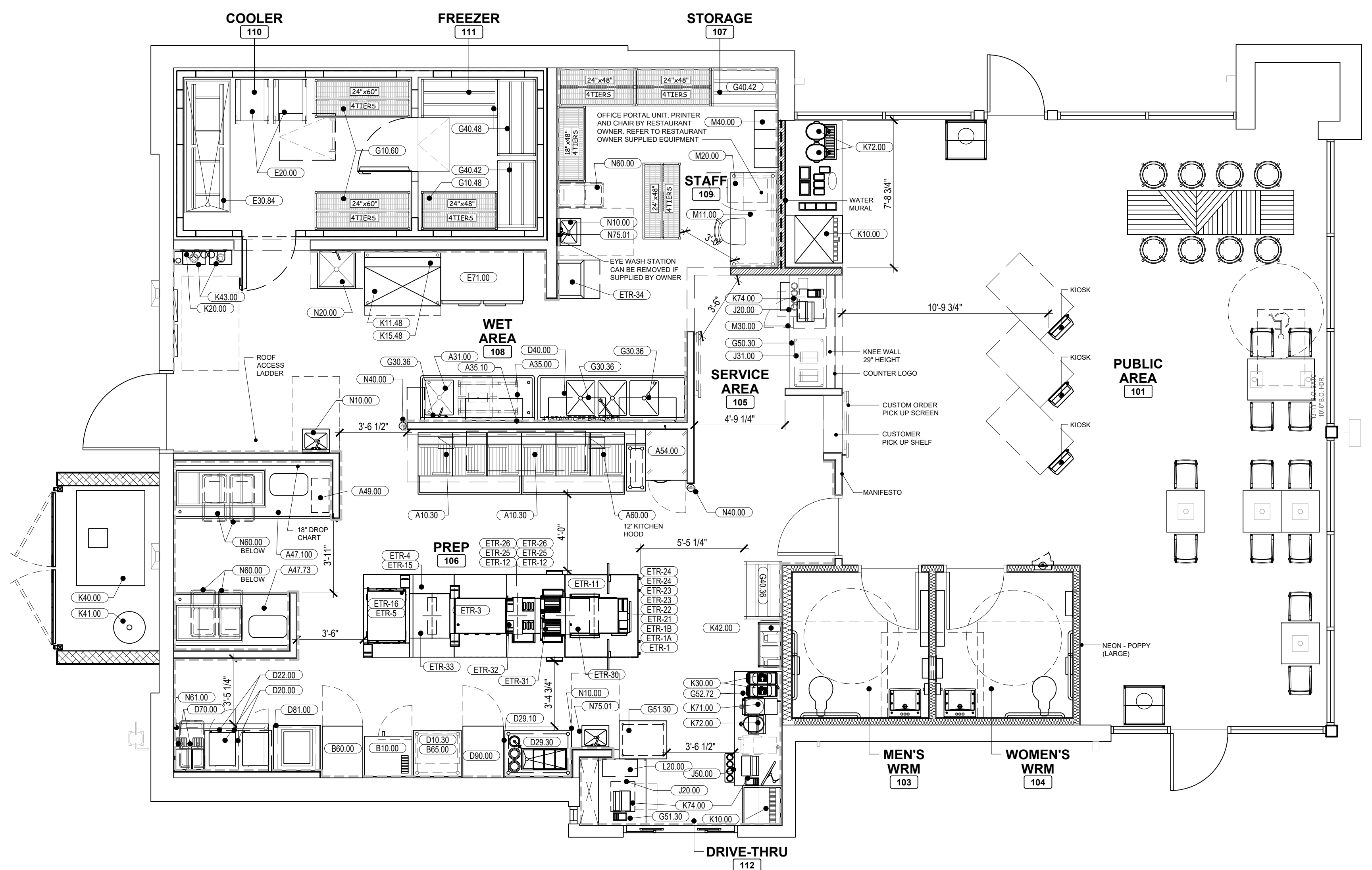
*NOTE:	W1	W2	W3	W4	*NOTE:	WB1	WB2	WB3	WB4
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 3-1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. TO 48" A.F.F. (SERVICE AREA SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. TO 48" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 3-1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO 29" A.F.F. (PUBLIC AREA SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO U/S OF DECK.
1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" CEMENTITIOUS BACKER BOARD (SERVICE AREA SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. TO 48" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 24" O.C.	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUDS @ 16" O.C.	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" GYPSUM BOARD FROM 2'-0" A.F.F. TO U/S OF CEILING (PUBLIC AREA SIDE)	1-1/2" X 5 1/2" WOOD STUDS	1/2" DUROCK NEXT GEN CEMENT BOARD (WASHROOM SIDE)	1/2" PLYWOOD BACKING (BETWEEN STUDS @ LOCATION OF WALL MOUNTED EQUIPMENTS)	1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	1/2" METAL STUDS
1/2" DUROCK NEXT GEN CEMENT BOARD UP TO 2'-0" A.F.F. AND 1/2" MOLD RESISTANT GYPSUM BOARD FROM 2'-0" A.F.F. (KITCHEN SIDE)	WOOD STUD								

### NEW KITCHEN EQUIPMENT SCHEDULE

NOTE:  
CONTRACTOR SHOULD REFER TO MANUFACTURER SPECIFICATIONS FOR ALL SERVICE REQUIREMENTS AND PROPER CONNECTIONS.

ITEM NO.	QTY	CATEGORY	MFR	MODEL	EQUIPMENT REMARKS
A10.30	2	MULTIPLE FRYER SYSTEM, GAS	ULTRAFRYER	BP2003	
A10.40	2	SHORTENING DISPOSAL UNIT	ULTRAFRYER	DISPOSAL	NOT SHOWN IN PLAN
A10.50	2	BOILOUT HOSE	ULTRAFRYER	BOILOUT	NOT SHOWN IN PLAN
A24.U2	1	MULTIPLE FRYER SYSTEM, GAS	ULTRAFRYER	BP30142UCP	
A31.00	1	MARINATOR	AYRKING	M101-110	
A35.00	1	ONE COMPARTMENT SINK	WINHOLT	1143828	
A35.10	1	PRE-RINSE FAUCET ASSEMBLY	T & S BRASS	B2180	
A47.73	1	BATTER STATION 73"	AYRKING	BBSUL7335	
A47.100	1	BATTER STATION 100"	AYRKING	BBS-U10032	W/ 14" EDGE
A48.30	1	3-PAN ICE BATH TABLE FABRICATION	KES	CUSTOM	
A49.00	1	DRUMROLL	AYRKING	DRUF120TPR 8PO	
A54.00	1	REACH-IN FREEZER	DELFIELD	GBF1P-S	
A60.00	1	15" HOOD	FRANKEE	3347-FR-BD-2	
B10.00	1	CONVECTION OVEN, DOUBLE STACKED	BLODGETT OVEN	CT39 85L	
B60.00	1	REACH-IN REFRIGERATOR	DELFIELD	GBR1P-S	
B65.00	1	BISCUIT HOLDING UNIT	KES	CUSTOM	
C50.00	2	BUN RACK	CAMBRO	UPR1826F20580	
D10.30	1	WORK TABLE - 30"	KES	CUSTOM	
D11.54	1	WORK TABLE - 54"	KES	CUSTOM	
D20.00	2	MICROWAVE OVEN	PANASONIC	NE-17523	
D22.00	1	MICROWAVE SHELF	KES	CUSTOM	
D29.10	0	PACKING TABLE, DOUBLE SIDED	KES	CUSTOM	
D29.30	1	PACKING TABLE	NWS	F23402020N	
D40.00	1	3-BOWL SINK	KES	CUSTOM	
D40.03	1	SPLASH DIVIDER	KES	CUSTOM	
D70.00	2	HOT WATER DISPENSER	BUNN	HSE	
D81.00	1	REHEAT/REWARMER, WATER TANK, ELECTRIC	ULTRAFRYER	REO-1620-X	
D90.00	1	PROOFER CABINET, MOBILE	WINSTON	HA4522	
E04.10	1	BISCUIT HOLDING BIN	PRINCE CASTLE	PHB21N1	
E10.00	1	WALK-IN COOLER	KOLPAK	CUSTOM	
E20.00	2	CHICKEN RACKS	SPG	4H1286	
E38.84	1	CHICKEN CRABE	NWS	D12595600N	
E71.20	1	DOUBLE EVEN THAW REFRIGERATOR	TRAUlsen	RE232N-1	
ETR-1	1	LANDING ZONE MODULE	DUKE	1141-2007	
ETR-1A	1	UNDERCOUNTER REFRIGERATED UNIT	SILVER KING	SKRS28	
ETR-1B	1	DROP-IN FRY HOLDING UNIT	H&K	POP279	
ETR-2	1	SANDWICH STATION MODULE	DUKE	1141-2003	
ETR-2A	1	REFRIGERATOR SANDWICH STATION	DUKE	FQP2-SB-120-BI-BE-ND	
ETR-3	1	MULTI-PROTEIN STATION MODULE	DUKE	1141-2004	
ETR-4	1	BONE-IN CHICKEN STATION MODULE	DUKE	1141-2005	
ETR-5	1	EXTENDED HOLDING MODULE	DUKE	1141-2005	
ETR-11	1	PRODUCT HOLDING UNIT - SIDES	DUKE	RFHU-32F	
ETR-12	2	VERTICAL CONTACT TOASTER	ANTUNES	VCT-2	
ETR-14	1	PRODUCT HOLDING UNIT - MULTI PROTEIN	DUKE	RFHU-52F	
ETR-15	1	BONE-IN CHICKEN BIRDCAGE	CARTER-HOFFMAN	FFS3V-25	
ETR-16	1	EXTENDED HOLDING CABINET	-	-	
ETR-21	2	LANDING ZONE MONITOR	-	-	
ETR-22	2	KDS MONITOR	-	-	
ETR-23	2	LANDING ZONE PRINTER	-	-	
ETR-24	2	MULTI-PROTEIN PRINTER	-	-	
ETR-25	2	SANDWICH PRINTER	-	-	
ETR-26	2	BONE-IN CHICKEN PRINTER	-	-	
ETR-27	2	BONE-IN CHICKEN PRINTER	-	-	
ETR-30	1	OEP BOX	FRANKE	18028545	
ETR-31	1	OEP BOX	FRANKE	18028542	
ETR-32	1	OEP BOX	FRANKE	18028504	
ETR-33	1	OEP BOX	FRANKE	18028505	
ETR-34	1	BATTER MAKER	H&K	POP455-F	
G10.36	1	COATED WIRE SHELVING - 4 TIERS 36"	METRO	2428NK3	
G10.48	4	COATED WIRE SHELVING - 4 TIERS 48"	METRO	2448NK3	
G10.60	2	COATED WIRE SHELVING - 4 TIERS 60"	METRO	2448NK3	
G20.48	5	WIRE SHELVING 48"	METRO	2448NK3	
G30.36	4	WIRE SHELVING WALL MOUNTED - 2 TIERS	METRO	1438NK3	
G30.42	1	WIRE SHELVING WALL MOUNTED - 2 TIERS	METRO	1442NK3	
G40.42	2	DUNNAGE RACK	KES	CUSTOM	
G40.48	2	DUNNAGE RACK	KES	CUSTOM	
G50.30	2	WIRE SHELVING UNCOATED - 2 TIER 30"	METRO	CUSTOM	
G50.36	1	DUNNAGE RACK	METRO	CUSTOM	
G51.36	1	POS TABLE - 36"	METRO	CUSTOM	
G52.72	1	DRIVE THRU TABLE - 72"	KES	CUSTOM	
G55.42	1	WORK TABLE W/UNDERSHELF	KES	CUSTOM	
G83.48	1	EXPEDITE TABLE	KES	CUSTOM	
J20.00	2	CASH CONTROLLER	NKL INDUSTRIES	W-101	
J31.00	1	CONDIMENT ORGANIZER BIN RACK	CAMBRO	12RS12	
J50.00	2	DISPOSABLE CUP DISPENSER	DISPENSE-RITE	WR-CC-22-POP	
K10.00	2	ICE MAKER, CUBE STYLE	MANITOWOC	BF1600C	
K11.48	1	ICE MAKER, CUBE STYLE 48"	HOSHIZAKI	KMD-860MRJZ	
K15.48	1	ICE BIN 48"	HOSHIZAKI	B900-SF	
K20.00	1	WATER FILTER SYSTEM	EVERPURE	EV943710	
K30.00	1	FROZEN LEMONADE	BUNN	34000.0012	
K40.00	1	GREASE TANK	-	-	
K41.00	1	CO2 TANK	-	-	
K42.00	1	BAG N BOX	-	-	BY OTHERS
K43.00	2	WATER HEATERS	-	-	BY OTHERS
K71.00	1	TEA BREWER	BUNN	ITCB	
K72.00	4	TEA DISPENSER	BUNN	TD040	
K74.00	2	POS	-	-	BY OTHERS
L20.00	3	TRASH BINS	-	-	
LP45.00	1	OUTSIDE TRASH RECEPTACLE	WAUSAU	TF1015	
LP46.00	1	OUTSIDE TRASH RECEPTACLE	WAUSAU	TF1021	
M11.00	1	MANAGERS DESK	NWS	F36731010GN	
M20.00	1	OFFICE SUPPLIES	WASSER	106053	
M30.00	1	SAFE	FIRE KING	BSD2920	
M40.00	1	LOCKERS W/ 6 HIGH UNIT	KELMAX	EL SERIES	
N10.00	4	HAND SINK	KROWNE	HS-68	
N40.00	2	FIRE EXTINGUISHER	ACTION	436500	CLASS K
N40.10	1	FIRE EXTINGUISHER	ACTION	434909	
N80.00	2	INGREDIENTS BIN	RUBBERMAID	FG36028BWH	
N81.00	1	INGREDIENTS BIN	RUBBERMAID	FG36028BWH	
N70.00	1	MOP & BROOM HAGER	ADVANCED	K42	
N75.01	2	FAUCET	KROWNE	16-197	
Q12.00	1	PRE-SALE BOARD	-	-	
W10.00	2	DRIVE-THRU WINDOW	QUICKSERV	BP-72x	

NOTE: REFER TO DECOR PACKAGE FOR MOST CURRENT REQUIREMENTS.



1 EQUIPMENT FLOOR PLAN  
SCALE: 1/4"=1'-0"  
NORTH

**NOTE**

- IT IS RESPONSIBILITY OF THE G.C. TO COORDINATE DELIVERY, UNCRATING, POSITIONING, FINAL HOOK UP AND REMOVAL OF TRASH OF ALL OWNER SUPPLIED KITCHEN EQUIPMENT.
- ALL KITCHEN EQUIPMENT TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
- DECOR ITEMS SUPPLIED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR.
- FOR DINING ROOM FURNITURE, SEE DECOR PACKAGE. CONTACT DECOR VENDOR FOR DETAILS.
- ARCHITECT OF RECORD TO ENSURE AND COORDINATE THAT ALL INTERIOR AND EXTERIOR COMPLIES WITH ADA REQUIREMENTS AS WELL AS LOCAL JURISDICTIONS.

**BUILDING FLOOR AREA (EXST. TO REMAIN) = 2,139 SQ. FT.**

**ISSUE TABLE**

No.	Date (mm/dd/yy)	Description

**REVISIONS**

No.	Date	Description

**DRAWINGS REVISED AS PER DESIGN BULLETIN**

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".

Licensed stamp

Company Logo

WARMAN ARCHITECTURE+DESIGN  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051

Project

POPEYES

Store Type

**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location

**440 NW Chipman Road**  
**Lee's Summit, MO 64063**

Drawing Title

**EQUIPMENT PLAN & SCHEDULES**

Drawn	cdt	Checked	KAW
Scale	AS NOTED	Date	Oct 8, 2024
Project No.	6091-24	Drawing No.	A2.0



### GRAPHIC SYMPOLES

TYPE	DESCRIPTION
	SECTION NUMBER DRAWING NUMBER
	NOTE REFERENCE
	DENOTES CEILING HT & MATERIAL GB GYPSUM BOARD GBB GYPSUM BOARD BULKHEAD LGB LAY-IN GYPSUM BOARD

### RCP PLAN LEGEND

TYPE	DESCRIPTION
	HVAC DUCTWORK WITH AIR GRILLE. REFER TO MECHANICAL DRAWINGS.
	24"X24" OR 12"X12" SUPPLY AIR GRILLE. REFER TO MECHANICAL DRAWINGS.
	24"X24" OR 12"X12" RETURN AIR GRILLE. REFER TO MECHANICAL DRAWINGS.
	EXHAUST FAN
	SPEAKERS ATTACHED TO U/S OD TRUSS. REFER TO ELECTRICAL DRAWINGS.
	RADIO & AMPLIFIER. REFER TO ELECTRICAL DRAWINGS.
	AIR TRANSFER DUCT. REFER TO MECHANICAL DRAWINGS.
	CEILING MOUNTED HORN / STROBE INDICATING DEVICE. REFER TO ELECTRICAL DRAWINGS.
	CEILING MOUNTED STROBE ONLY DEVICE. REFER TO ELECTRICAL DRAWINGS.

### LIGHT FIXTURE LEGEND

TYPE	DESCRIPTION
A	2'-0" X 4'-0" RECESSED LED TROFFER
AE	2'-0" X 4'-0" RECESSED LED TROFFER W/ BATTERY BACKUP
L-4	6 INCH PENDANT LIGHT FIXTURE
L-6	6 INCH RECESSED DOWNLIGHT FIXTURE
L-1	4 FT SUSPENDED LINEAR LED FIXTURE
L-7	4 FT RECESSED LINEAR LED FIXTURE
EX	EXIT SIGN AND EMERGENCY LIGHTING WITH BATTERY BACKUP
EM	EMERGENCY BATTERY LIGHT FIXTURE
WP	LED WALL PACK WITH PHOTOCCELL
LX4	FLUSH MOUNT LED LIGHT FIXTURE
LX6	LED STRIP LIGHT

### ISSUE TABLE

No.	Date (mm/dd/yy)	Description

### REVISIONS

No.	Date	Description

### DRAWINGS REVISED AS PER DESIGN BULLETIN

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".



Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051



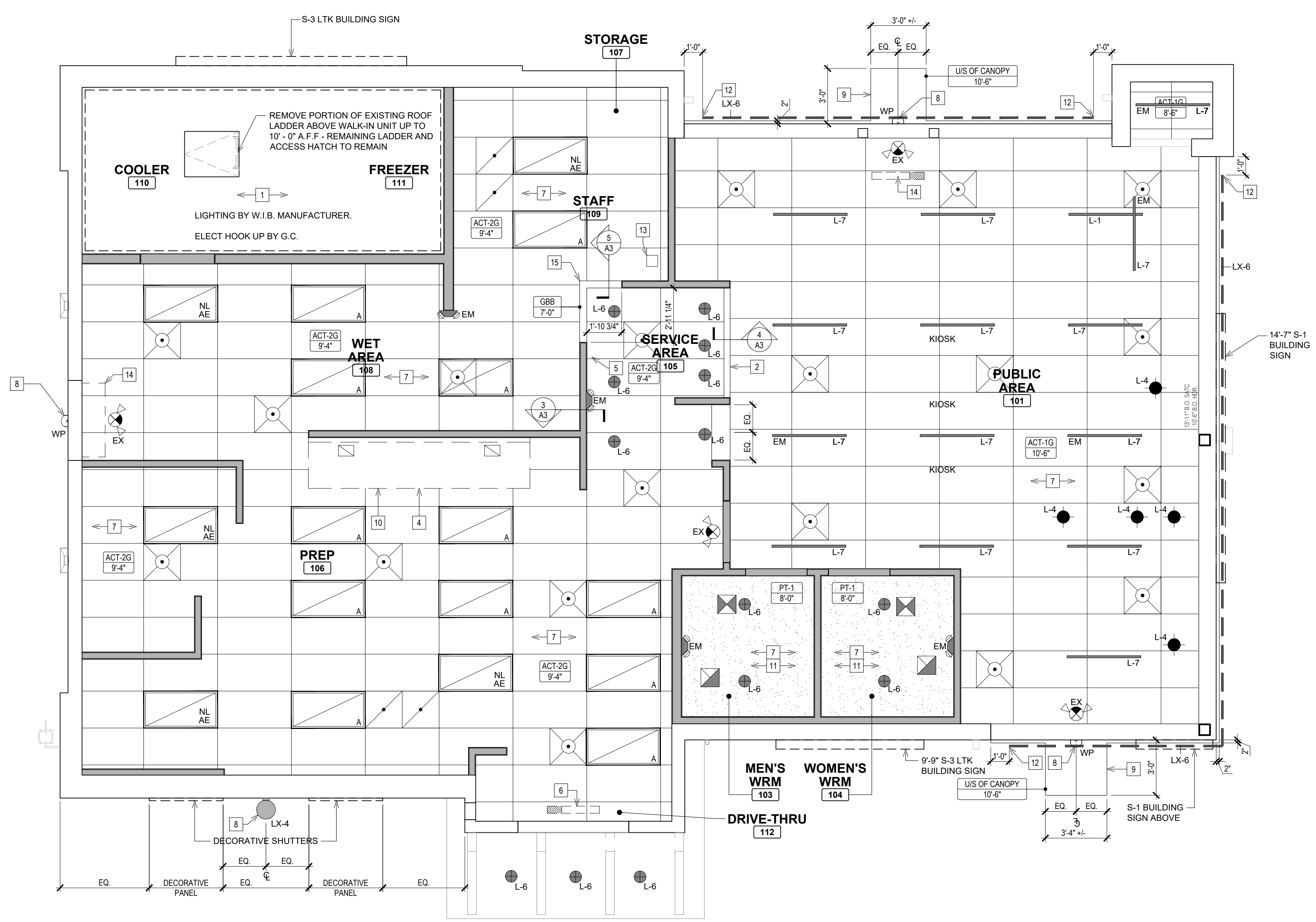
Store Type: **REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location: **440 NW Chipman Road  
Lee's Summit, MO 64063**

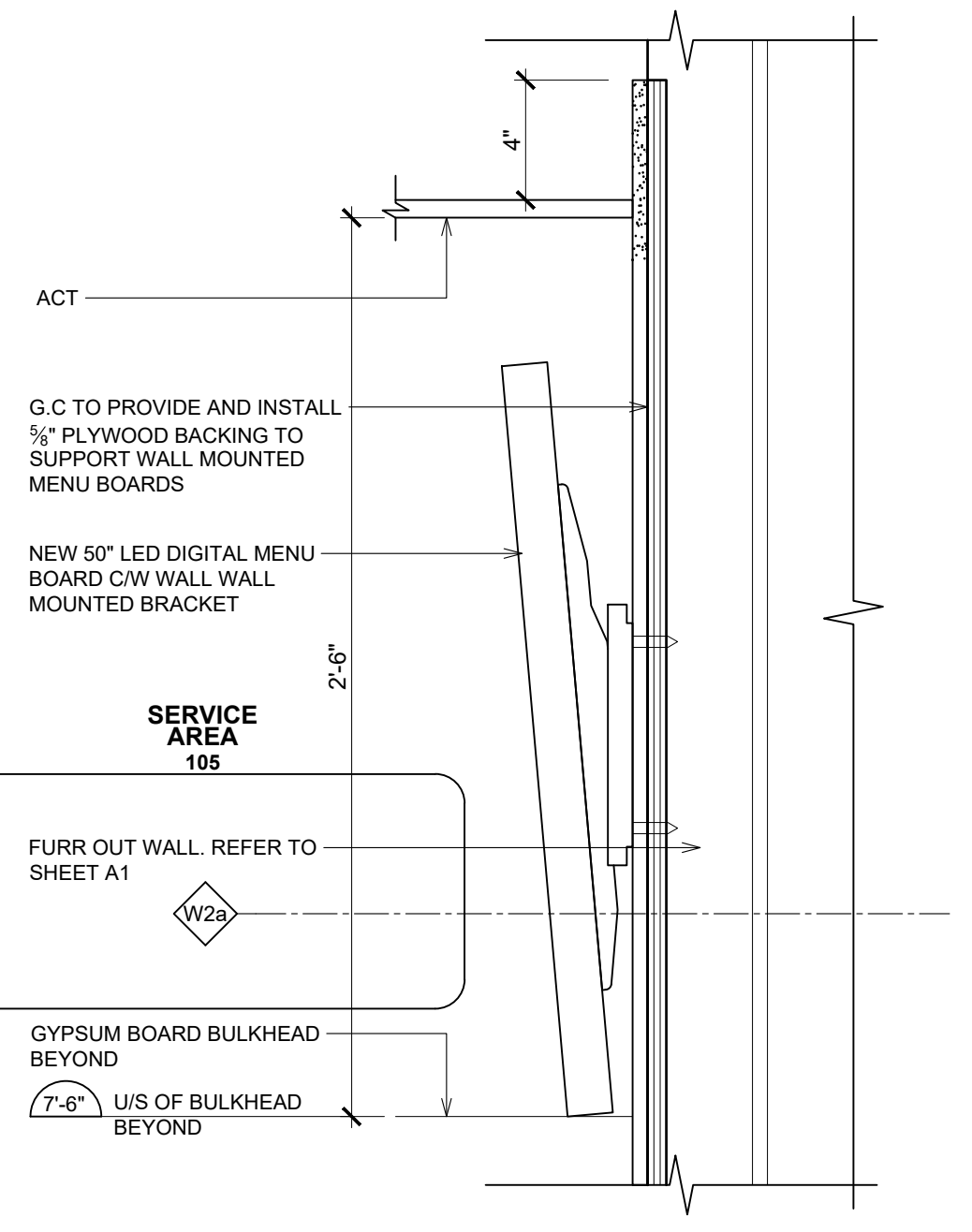
### Drawing Title

**REFLECTED CEILING PLAN & DETAILS**

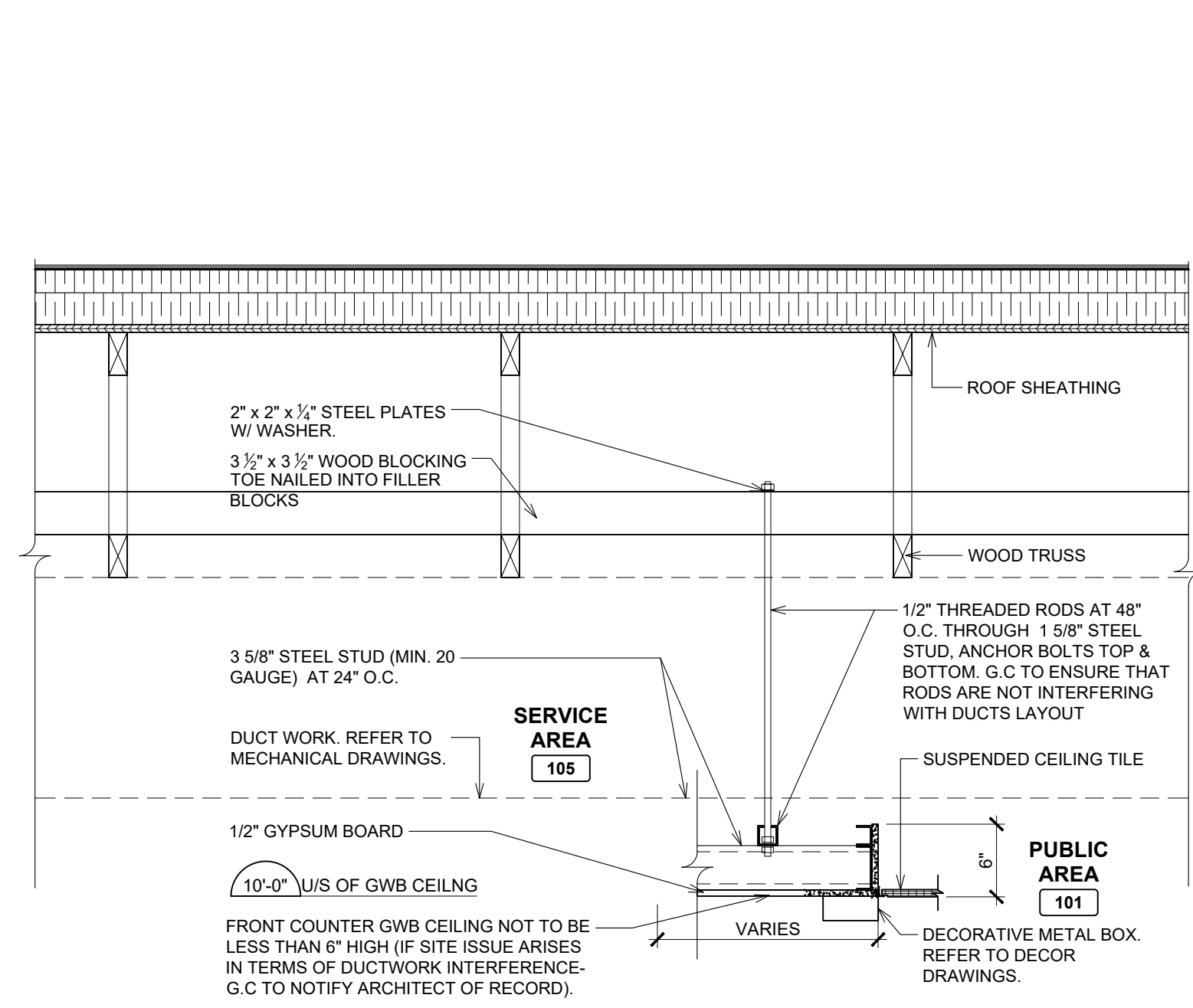
Drawn: cdt	Checked: KAW
Scale: AS NOTED	Date: Oct 8, 2024
Project No: 6091-24	Drawing No: A3.0



**1 REELECTED CEILING PLAN**  
SCALE: 1/4"=1'-0"  
NORTH



**3 MENU SCREEN DETAIL (WALL MOUNTED)**  
SCALE: 2"=1'-0"



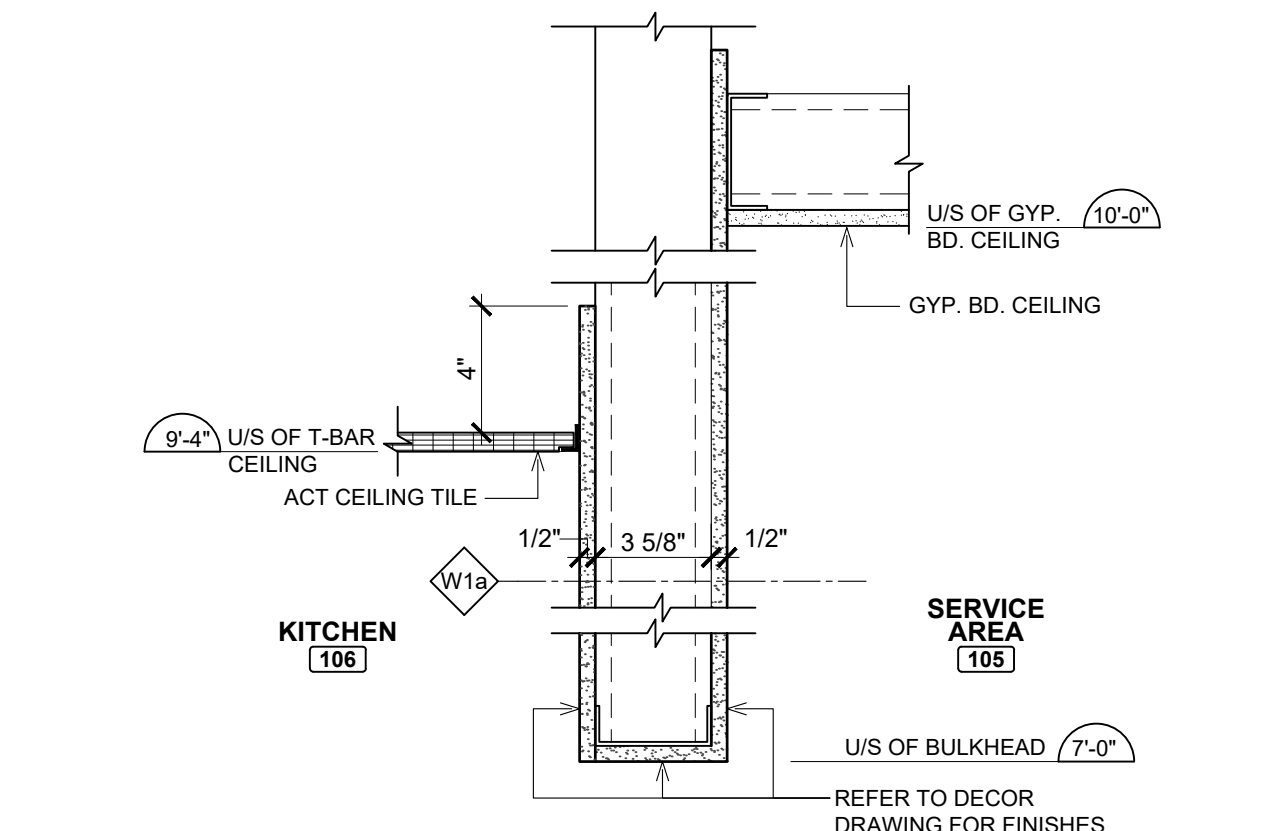
**4 FRONT COUNTER BULKHEAD DETAIL**  
SCALE: 1"=1'-0"

### SECURITY CAMERA LEGEND (16.3)

CAP INDEX	SECURITY PACKAGE #	CAMERA #S
0<100	1	1-4
100<250	2	1-8
>250	3	1-12

NOTES:  
- WITH PACKAGE #2 AND #3, 4 EXTRA CAMERAS ARE AVAILABLE TO BE LOCATED AT THE OWNERS DISCRETION  
- IF A CAMERA IS INSTALLED IN STAFF AREA, OWNER IS TO INFORM STAFF.

CAMERAS # NUMBER OF CAMERAS



**5 BULKHEAD DETAIL (KITCHEN / SERVICE AREA)**  
SCALE: 2"=1'-0"

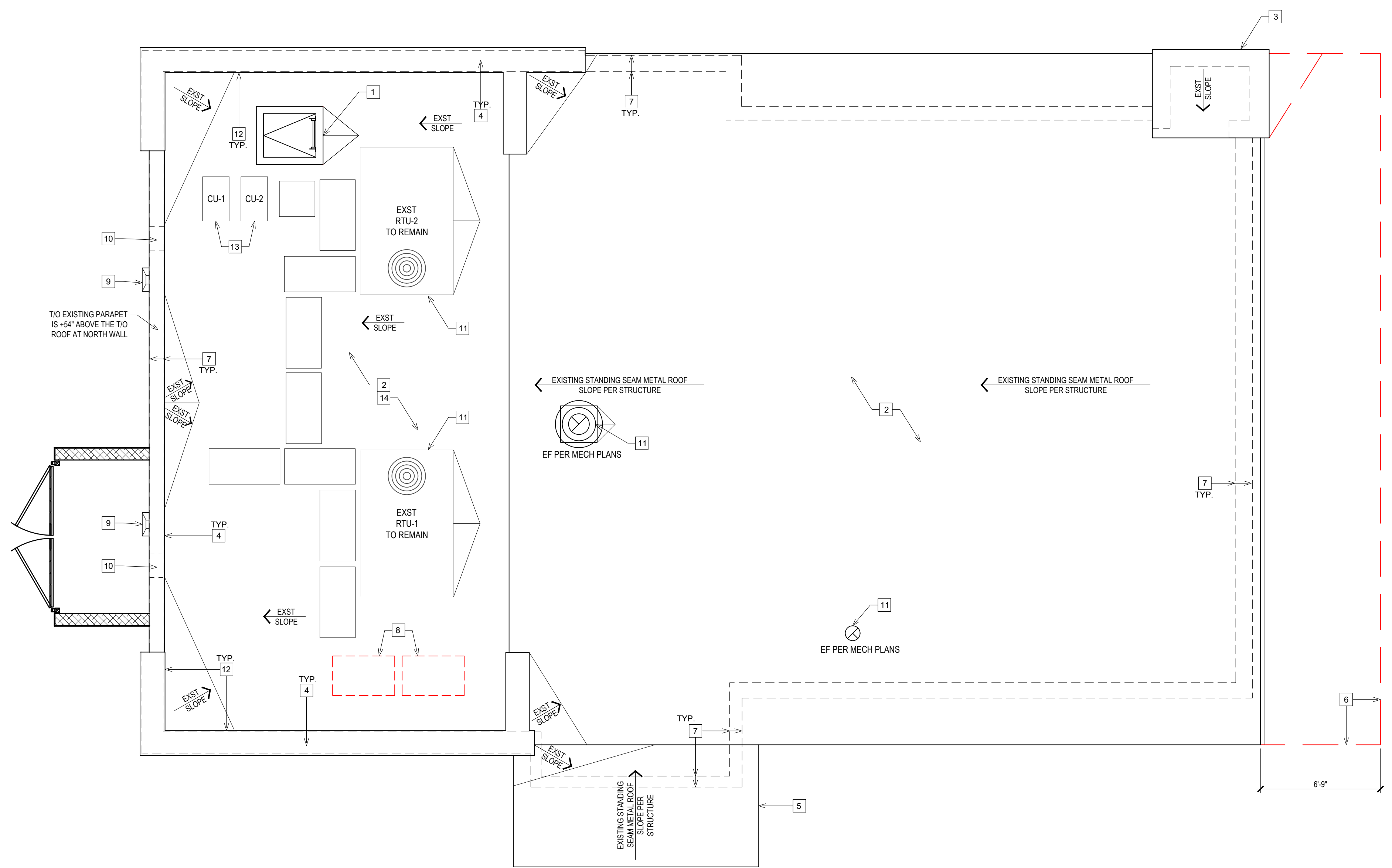
### CEILING PLAN NOTES

- REFER TO WALK-IN FREEZER & COOLER MANUFACTURER FOR EVAPORATOR AND LIGHTING. FINAL CONNECTION BY G.C.
- ORANGE PAINTED METAL BOX AROUND OPENING OF FRONT COUNTER. REFER TO POPEYES DECOR PACKAGE.
- PENDANT L-1 AND L-4 LIGHT ON CEILING TO BE SUPPLY AND INSTALL BY G.C. JUNCTION BOX AND FINAL ELECTRICAL CONNECTION BY G.C.. BOTTOM OF PENDANT LIGHTS TO BE MOUNTED AT 7'-0" A.F.F. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE INFORMATION.
- EXHAUST HOODS SUPPLY BY OWNER AND INSTALL BY G.C. REFER TO MECHANICAL DRAWINGS.
- WALL MOUNTED LED SCREENS SUPPLIED BY POPEYES. AND INSTALLED BY G.C. REFER TO DETAIL 3/A3. G.C. TO PROVIDE & INSTALL ADEQUATE BLOCKING/BACKING FOR SUPPORT.
- PROPOSED LOCATION OF AIR CURTAIN IF REQUESTED BY OWNER. REFER TO MECHANICAL/ELECTRICAL DRAWINGS. GC TO PROVIDE AND INSTALL ELECTRICAL POWER FOR FUTURE AIR CURTAIN. OPERATORS TO BE PROVIDED AT DRIVE-THRU WINDOW IF AIR CURTAIN IS INSTALLED. ALL ELECTRICAL OUTLETS PROVIDED TO BE CAPPED OFF. REFER TO ELECTRICAL DRAWINGS.
- ALL DIFFUSERS & RETURN AIR GRILLES TO BE PAINTED TO MATCH CEILINGS (THROUGHOUT THE ENTIRE RESTAURANT).
- REFER TO EXTERIOR ELEVATIONS FOR MOUNTING LOCATION OF WALL MOUNTED LIGHT FIXTURES (TYP.)
- LINE OF CANOPY ABOVE. SUPPLY AND INSTALL BY G.C. REFER TO DETAILS AND STRUCTURAL DRAWINGS.
- G.C. TO SUPPLY AND INSTALL 20 GA. STAINLESS STEEL PANEL ON CEILING TILE W/ HOLD DOWN CLIP AROUND EXHAUST HOOD. DO NOT FASTEN TO EXHAUST FOOD. ANY DAMAGED TO THE EQUIPMENT HOOD WILL BE AT THE COST OF G.C.
- CEILING IN PUBLIC RESTROOMS / WASHROOM AND VESTIBULE TO BE PAINTED PER FINISH SCHEDULE. GYPSUM BOARD INSTALLED OVER 2" X 4" WOOD CEILING FRAMING @ 2'-0" O.C.
- START POINT OF LX6 STRIP LED LIGHTING TO BEGIN 12" FROM END OF BAND AS INDICATED.
- G.C. TO SUPPLY AND INSTALL EXHAUST FAN IN THE CABINET TO VENT ABOVE CEILING AT OFFICE DESK.
- AIR CURTAIN AT FRONT ENTRANCE DOOR (UNIT / EQUIPMENT NOT SUPPLIED AND INSTALLED ONLY IF REQUESTED BY RESTAURANT OWNER ON HIS COST). GC TO PROVIDE AND INSTALL ELECTRICAL POWER FOR AIR CURTAIN AND ALL ELECTRICAL TO BE CAPPED OFF. REFER TO ELECTRICAL DRAWINGS.
- FRONT COUNTER BULKHEAD. REFER TO DETAIL 4/A3. FRONT COUNTER BULKHEAD NOT TO BE LESS THAN 6" HIGH (IF SITE ISSUE ARISES IN TERMS OF DUCTWORK INTERFERENCE. GC TO NOTIFY ARCHITECT OF RECORD).
- JLC T-BAR LED LINEAR LIGHTING FIXTURE INSTALL T-BAR GRID. REFER TO FINISH SCHEDULE.

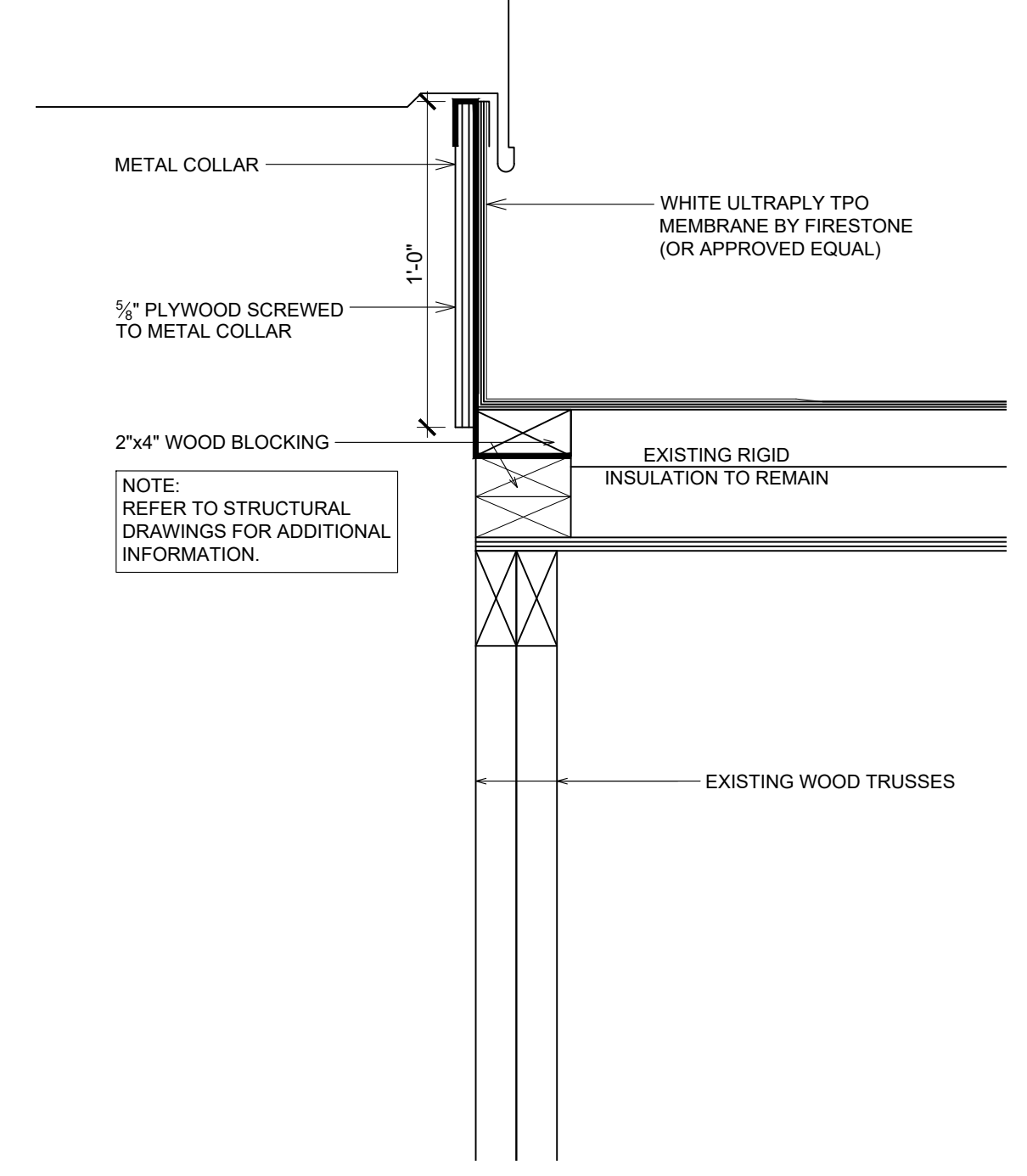
**NOTE:**

1. THE GENERAL CONTRACTOR IS TO ENSURE THE FOLLOWING ITEMS ARE BUILT IN ACCORDANCE WITH STRUCTURAL DRAWINGS AND TO MEET CODE REQUIREMENTS (INCLUDING SEISMIC AND LATERAL RESTRAINT) AS REQUIRED:  
- SUSPENDED SHELVING SUPPORTS  
- SEISMIC AND LATERAL RESTRAINT FOR DUCTWORK  
- SUSPENDED CEILING PANELS, GYPSUM BOARD / T-BAR CEILINGS IN RELATION TO SEISMIC AND LATER RESTRAINT.

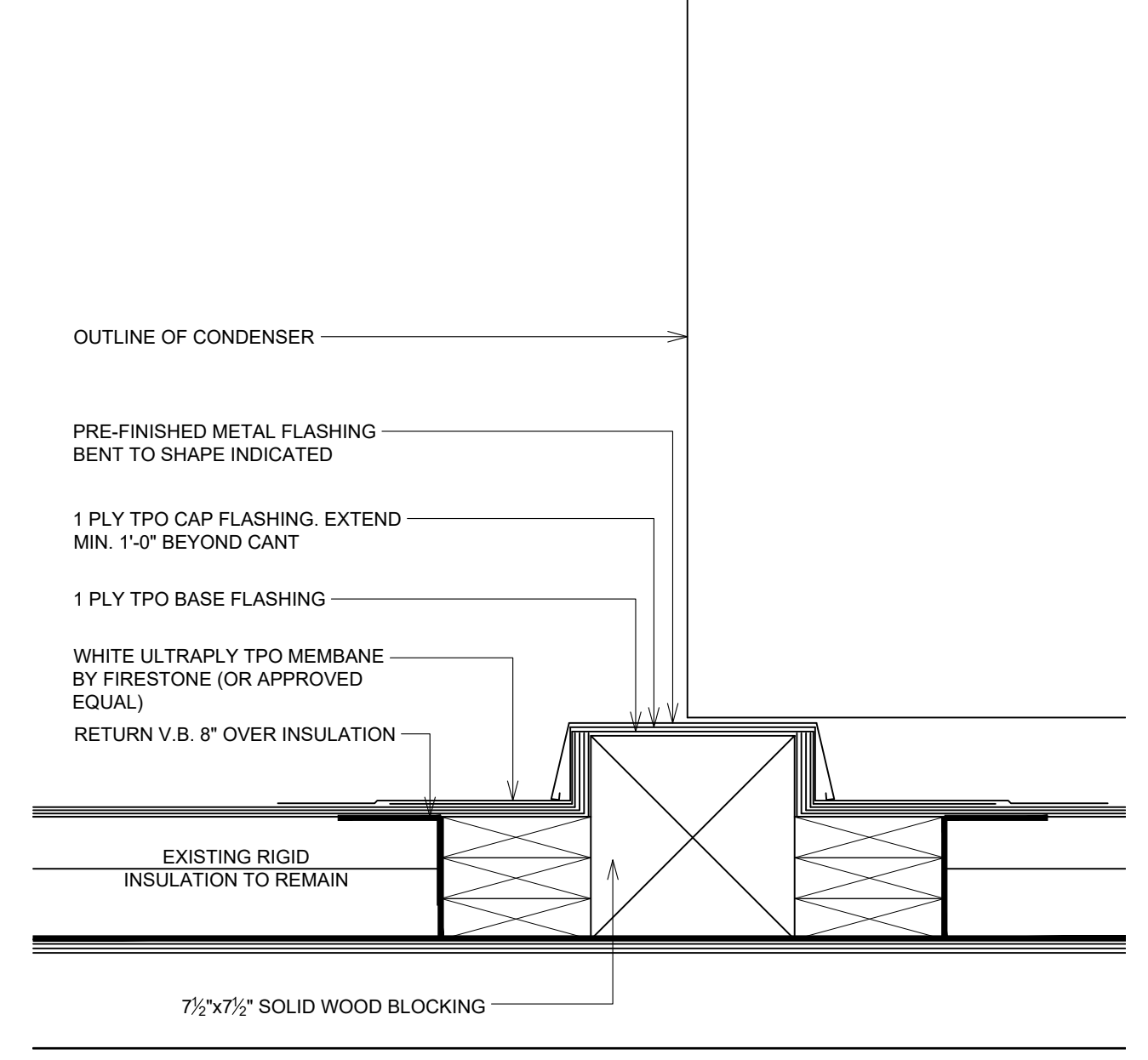
2. THE GENERAL CONTRACTOR IS RESPONSIBLE THAT ALL SUB-TRADES HAVE RETAINED A QUALIFIED STRUCTURAL ENGINEER TO REVIEW THEIR APPROPRIATE WORK. STRUCTURAL ENGINEER(S) TO ISSUE LETTER (ON THEIR LETTERHEAD) STATING THAT ALL WORK MEETS THE REQUIREMENT OF BUILDING CODE FOR SEISMIC RESTRAINTS.



**1 ROOF PLAN**  
SCALE: 1/4"=1'-0"  
NORTH



**2 TYPICAL ROOF CURB DETAIL**  
SCALE: 2"=1'-0"



**3 TYPICAL SLEEPER DETAIL**  
SCALE: 2"=1'-0"

**NOTES:**  
ALL ROOFING TO BE IN STRICT ACCORDANCE WITH THE NATIONAL ROOFING CONTRACTORS ASSOCIATION ROOFING MANUAL.  
G.C. IS RESPONSIBLE FOR SEALING ALL ROOF PENETRATIONS UPON COMPLETION OF THE PROJECT.  
**ITEMS SHOWN IN RED ARE TO BE REMOVED/DEMOLISHED.**

**ROOF TYPE LEGEND**  
ROOF ASSEMBLY:  
- MAS 60mil WHITE ULTRAPLY TPO MEMBRANE (OR APPROVED EQUAL)  
- 2 LAYERS OF RIGID INSULATION (R-27.7 MIN.)  
- 10mil VAPOUR RETARDER  
- WOOD ROOF DECK  
- WOOD TRUSS  
(AS PER NRCA STANDARDS)

**SYMBOL LEGEND**  
1 A4 DETAIL NUMBER DRAWING NUMBER  
1 NOTE REFERENCE

**NOTE:**  
• CONTRACTOR SHALL FIELD VERIFY CONDITION OF EXISTING ROOF AND NOTIFY OWNER.  
• CONTRACTOR SHALL FIELD VERIFY SIZE, LOCATION & CONDITION OF ALL EXISTING ROOFTOP EQUIPMENT AND COORDINATE WITH MEP DRAWINGS FOR ANY EQUIPMENT THAT MAY BE RELOCATED OR REPLACED.  
• CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ROOF DRAIN & OVERFLOW DRAIN CONDITIONS AND LOCATIONS AND MAINTAIN PROPER ROOF DRAINAGE. ADDITIONAL OVERFLOW DRAINS MAY BE REQUIRED. CONTRACTOR SHALL BRING ANY ROOF DRAINAGE ISSUES TO THE ATTENTION OF THE OWNER AND ARCHITECT.

**ISSUE TABLE**

No.	Date (mm/dd/yy)	Description

**REVISIONS**

No.	Date	Description
03	03-01-2024	EASY-TO-RUN UPDATES

**DRAWINGS REVISED AS PER DESIGN BULLETIN**

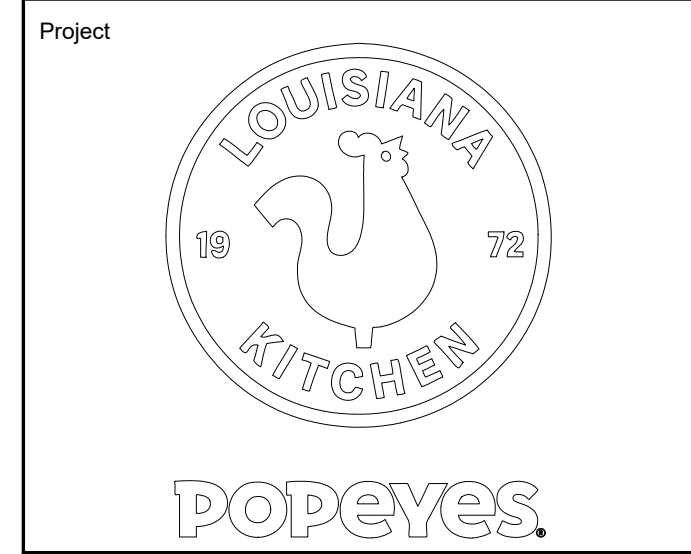
No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.  
THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS 'ISSUED FOR CONSTRUCTION'.



Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051



Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

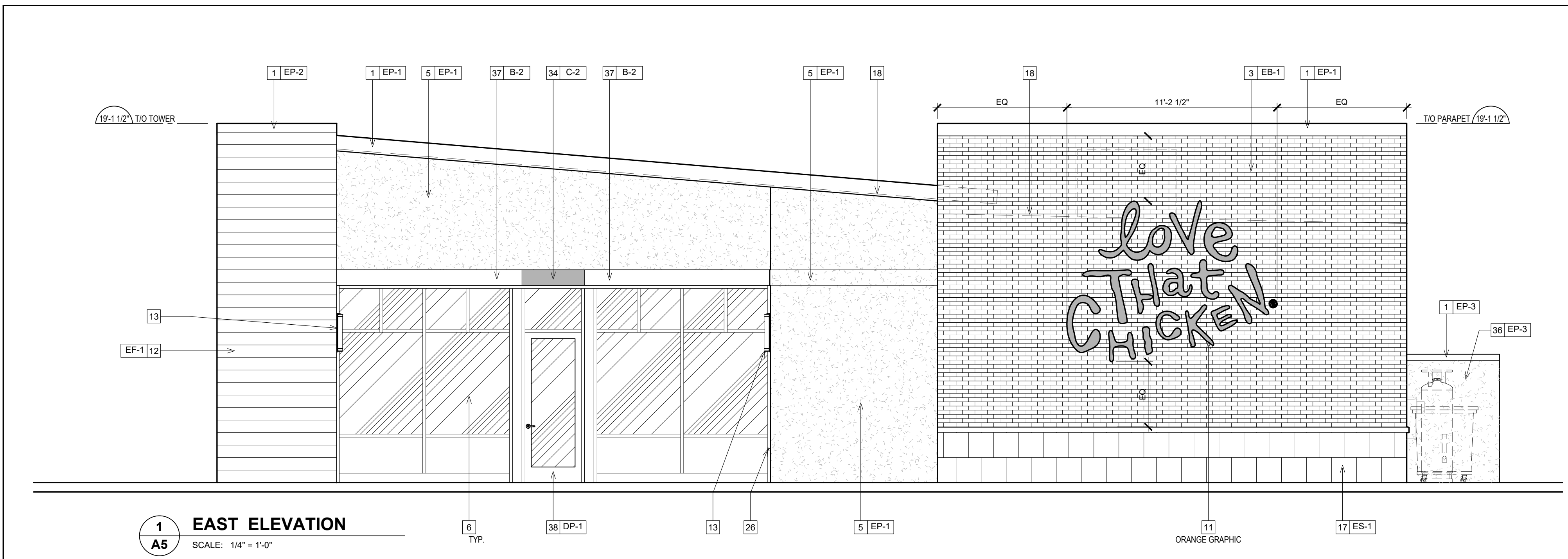
Location  
**440 NW Chipman Road  
Lee's Summit, MO 64063**

Drawing Title  
**ROOF PLAN AND DETAILS**

Drawn cdt	Checked KAW
Scale AS NOTED	Date Oct 8, 2024
Project No. 6091-24	Drawing No. A4.0

**ROOF PLAN NOTES**

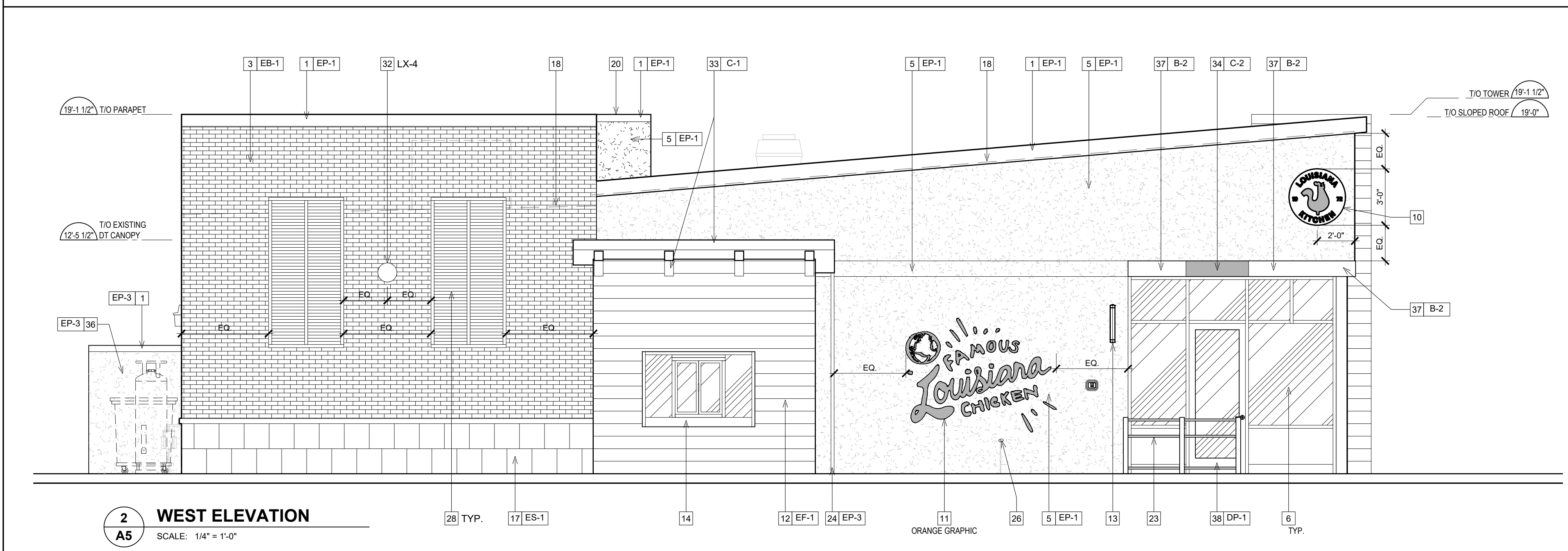
- EXISTING ROOF ACCESS HATCH TO REMAIN.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ROOFING CONDITIONS - PATCH, REPAIR AND SEAL AS REQUIRED. ALL OPENINGS FOR REMOVAL OF ANY EXISTING ROOF TOP EQUIPMENT OR INSTALL OF NEW EQUIPMENT.
- REMOVE EXST. PORTION OF TOWER PER SECTION 3/A6.1.
- EXISTING PARAPET TO REMAIN.
- EXISTING TO REMAIN CANOPY BELOW. REFER TO EXTERIOR ELEVATIONS.
- REMOVE EXST. ROOF OVERHANG & OUTRIGGERS BELOW AS SHOWN ON SECTION 2/A6.1.
- LINE OF WALL BELOW.
- REMOVE EXST. CONDENSING UNITS FOR COOLER & FREEZER.
- EXISTING TO REMAIN COLLECTOR BOX AND DOWNSPOUT.
- EXISTING TO REMAIN THRU-WALL SCUPPER.
- H.V.A.C UNITS AND EXHAUST FANS AS PER MECHANICAL DRAWINGS. PROVIDE CURB WHERE REQUIRED. REFER TO DETAIL 2/A4.
- EXISTING CAP FLASHING TO REMAIN. REFER TO EXTERIOR FINISH SCHEDULE ON SHEET AS FOR COLOR AND TYPE.
- PROVIDE SLEEPERS FOR WALK-IN COOLER/FREEZER CONDENSER. SLEEPERS TO SPAN ACROSS JOISTS BELOW. REFER TO DETAIL 3/A4 & STRUCTURAL DRAWINGS.
- EXISTING ROOF MEMBRANE TO REMAIN. CONTRACTOR SHALL NOTIFY OWNER IF IT IS DETERMINED EXISTING ROOF CONDITION REQUIRES REPLACEMENT.



**1 EAST ELEVATION**  
SCALE: 1/4" = 1'-0"

EXTERIOR FINISH SCHEDULE					
TAG	MATERIAL	APPLICATION	MANUFACTURER	PRODUCT	COLOR/FINISH
<b>FINISH MATERIALS</b>					
EP-1	EXISTING SYNTHETIC WOOD SIDING	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	PAINT EP-2
ES-1	EXISTING STONE BASE	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	LIMESTONE / GROUNDFACE
EB-1	EXISTING BRICK VENEER	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	PAINT EP-1
<b>EXTERIOR PAINTS</b>					
EP-1	EXTERIOR PAINT	MAIN WALL SURFACE	BENJAMIN MOORE	ULTRA SPEC EXTERIOR LOW LUSTRE (N455)	OC-125 MOONLIGHT WHITE
EP-2	EXTERIOR PAINT	BRICK TOWER PARAPET	BENJAMIN MOORE	ULTRA SPEC EXTERIOR LOW LUSTRE (N455)	2105-20 ROOT BEER CANDY
EP-3	EXTERIOR PAINT	DUMPSTER WALLS, REAR DOOR	BENJAMIN MOORE	ULTRA SPEC EXTERIOR LOW LUSTRE (N455)	HC-170 STONINGTON GREY
EP-4	METAL PAINT	BOLLARDS	BENJAMIN MOORE	COROTECH HIGH SOLIDS RAPID DRY ENAMEL	SAFETY YELLOW
EP-5	METAL PAINT	DUMPSTER GATES AND PYLON POLE	BENJAMIN MOORE	COROTECH HIGH SOLIDS RAPID DRY ENAMEL	FACTORY FINISH BLACK
EP-6	ANTI-GRAFFITI COAT	EXTERIOR WALLS	BENJAMIN MOORE	ALIPHATIC ACRYLIC URETHANE - GLOSS	V500-00 CLEAR
EP-7	EXTERIOR PAINT	EXTERIOR WALLS	BENJAMIN MOORE	ULTRA SPEC EXTERIOR LOW LUSTRE (N455)	"TEAL" COLOR CODE TBD
<b>EXTERIOR MISC.</b>					
B-2	BAND - METAL	OVER STOREFRONT	BY MANUFACTURER	BY MANUFACTURER	TEAL, PANTONE #326 C
C-1	EXISTING CANOPY	DRIVE-THRU CANOPY	-	-	EXISTING TO REMAIN PAINT ORANGE, PANTONE #3564 C
C-2	NEW CANOPY - METAL	ENTRY CANOPY	BY MANUFACTURER	BY MANUFACTURER	TEAL, PANTONE #326 C
DP-1	DOOR	MAIN ENTRANCE DOORS	BY MANUFACTURER	BY MANUFACTURER	ORANGE, PANTONE #3564 C

ISSUE TABLE		
No.	Date (mm/dd/yy)	Description
REVISIONS		
No.	Date	Description
DRAWINGS REVISED AS PER DESIGN BULLETIN		
No.	Date	Description

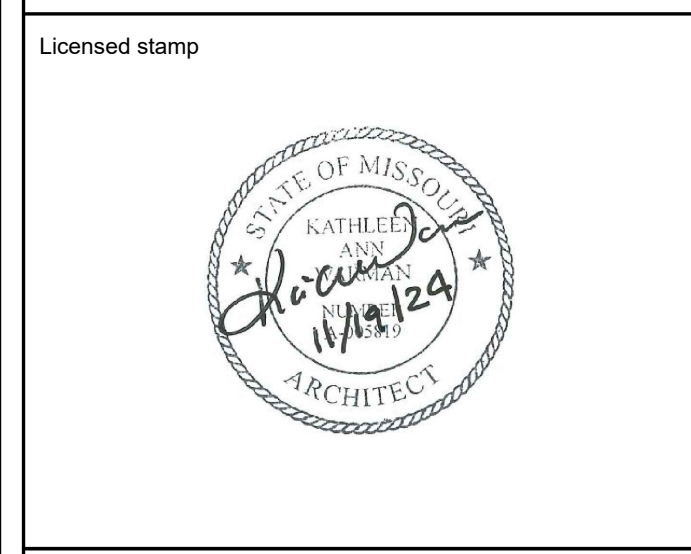


**2 WEST ELEVATION**  
SCALE: 1/4" = 1'-0"

- ### EXTERIOR ELEVATION NOTES
- EXISTING TO REMAIN METAL CAP FLASHING, PAINT.
  - N/A.
  - EXISTING TO REMAIN FACE BRICK VENEER, PAINT EP-1.
  - N/A.
  - EXISTING TO REMAIN EIFS, PAINT.
  - EXISTING TO REMAIN STOREFRONT.
  - N/A.
  - EXISTING TO REMAIN GAS UTILITY METER.
  - N/A.
  - INTERNALLY ILLUMINATED BUILDING SIGNAGE PROVIDED AND INSTALLED BY SIGN COMPANY. G.C. TO PROVIDE AND INSTALL 2" EXTERIOR GRADE PRESSURE TREATED PLYWOOD BACKING AND ALL FINAL ELECTRICAL CONNECTION. SIGN MANUFACTURER SHALL OBTAIN STRUCTURALLY SEALED DRAWINGS AND SIGNAGE PERMITS FROM THE CITY BASED ON LOCAL REQUIREMENTS. G.C. SHALL VERIFY ACTUAL LOCATION & SIZE OF SIGNS WITH SIGN MANUFACTURER'S APPROVED DRAWINGS AND COORDINATE LOCATIONS OF BLOCKING AND UTILITIES. G.C. TO COORDINATE WITH SIGN INSTALLER TO USE VHM DRILL BIT WHILE DRILLING FOR ELECTRICAL FEED LINES AND SIGNAGE FASTENERS. ALL ELEMENTS PROVIDED BY SIGNAGE FABRICATOR TO BE REVIEWED AND APPROVED BY POPEYES PRIOR TO PRODUCTION.
  - NON-ILLUMINATED BUILDING SIGNAGE PROVIDED AND INSTALLED BY SIGN COMPANY. G.C. TO PROVIDE AND INSTALL 2" EXTERIOR GRADE PRESSURE TREATED PLYWOOD BACKING. SIGN MANUFACTURER SHALL OBTAIN STRUCTURALLY SEALED DRAWINGS AND SIGNAGE PERMITS FROM THE CITY BASED ON LOCAL REQUIREMENTS. G.C. SHALL VERIFY ACTUAL LOCATION & SIZE OF SIGNS WITH SIGN MANUFACTURER'S APPROVED DRAWINGS AND COORDINATE LOCATIONS OF BLOCKING AND UTILITIES. G.C. TO COORDINATE WITH SIGN INSTALLER TO USE VHM DRILL BIT WHILE DRILLING FOR ELECTRICAL FEED LINES AND SIGNAGE FASTENERS. ALL ELEMENTS PROVIDED BY SIGNAGE FABRICATOR TO BE REVIEWED AND APPROVED BY POPEYES PRIOR TO PRODUCTION.
  - EXISTING TO REMAIN SYNTHETIC WOOD SIDING, PAINT.
  - EXISTING TO REMAIN WALL SCONCE EXTERIOR LIGHTING FIXTURE.
  - EXISTING TO REMAIN DRIVE-THRU WINDOW.
  - N/A.
  - N/A.
  - EXISTING TO REMAIN STONE BASE VENEER & SILL BLOCK CAP.
  - DASHED LINE INDICATES T/O OF EXISTING ROOF BEHIND PARAPET.
  - EXISTING TO REMAIN C/T CABINET AND METER, PAINT.
  - EXISTING LINE OF PARAPET WALLS BEYOND.
  - EXISTING TO REMAIN GENERAL PURPOSE EXTERIOR LIGHTING FIXTURE.
  - N/A.
  - EXISTING TO REMAIN METAL RAILING.
  - EXISTING TO REMAIN DOWNSPOUT & COLLECTOR BOX.
  - N/A.
  - EXISTING TO REMAIN HOSE BIB, PAINT. COLOR TO MATCH ADJACENT SURFACE.
  - N/A.
  - DECORATIVE SHUTTER PANELS, SUPPLY AND INSTALL BY SIGN COMPANY.
  - N/A.
  - N/A.
  - EXISTING TO REMAIN REAR EXIT DOOR, PAINT.
  - WALL SCONCE SUPPLY AND INSTALL BY SIGN COMPANY.
  - EXISTING TO REMAIN CANOPY AT DRIVE-THRU WINDOW, PAINT.
  - OPEN BOTTOM ALUMINUM CANOPY WITH DOWNLIGHT LED LIGHT FIXTURE. SUPPLY BY SIGN COMPANY AND INSTALL BY G.C. ALL CANOPIES IN WALL SUPPORT BY G.C. REFER TO STRUCTURAL DRAWINGS.
  - N/A.
  - NEW 6'-10" TALL CMU ENCLOSURE, MATERIAL TO MATCH EIFS.
  - NON ILLUMINATED 8" ALUMINUM FASCIA BAND. SUPPLY BY SIGN COMPANY AND INSTALLED BY G.C.
  - EXISTING TO REMAIN DOOR, PAINT.

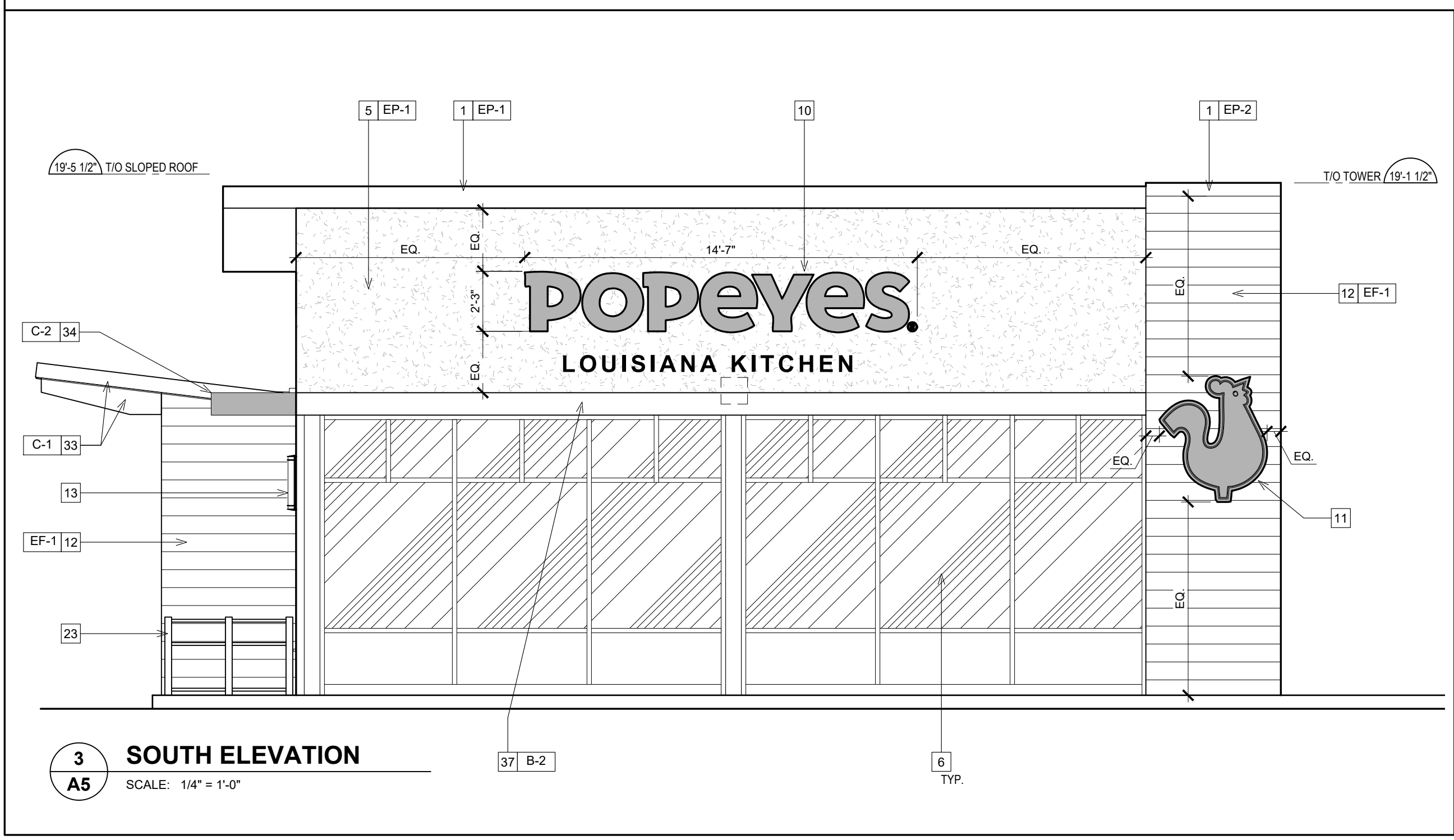
THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".

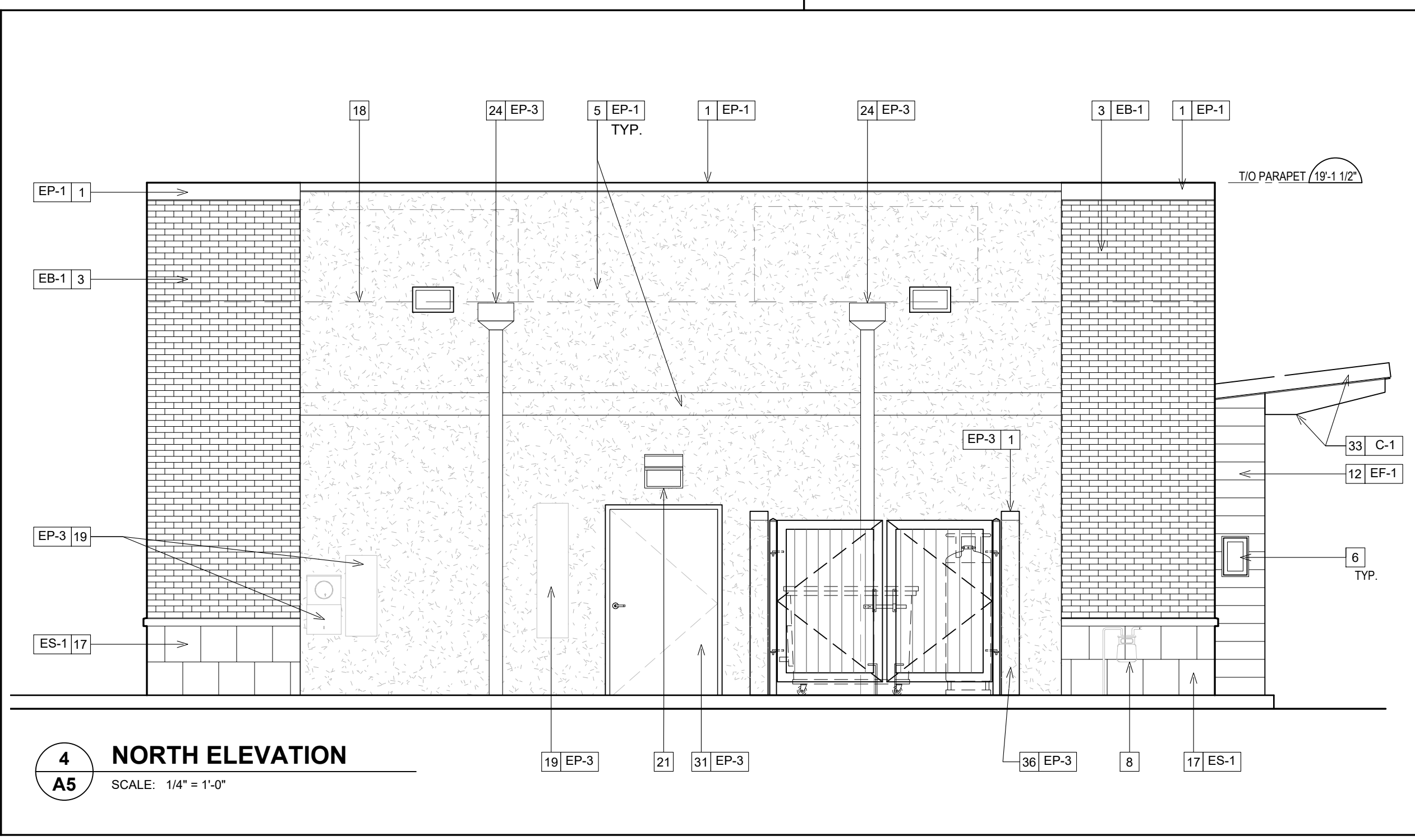


Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051



**3 SOUTH ELEVATION**  
SCALE: 1/4" = 1'-0"



**4 NORTH ELEVATION**  
SCALE: 1/4" = 1'-0"

**NOTE**

ALL PROPOSED SIGNAGE UNDER SEPARATE PERMIT AND SHALL MEET THE CITY'S CODE OF ORDINANCES REGARDING SIGNAGE

- ### GENERAL NOTES
- SEALANT / CAULKING AROUND DOOR / WINDOW FRAMES. COLOUR: TO MATCH WINDOW / DOOR FRAMES.
  - THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND FOLLOW ALL DRAWINGS AND SPECIFICATIONS.

### SYMBOL LEGEND

1	NOTE REFERENCE. REFER TO ELEVATION NOTES
FN#	FINISH TYPE

Project

Store Type: **REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location: **440 NW Chipman Road  
Lee's Summit, MO 64063**

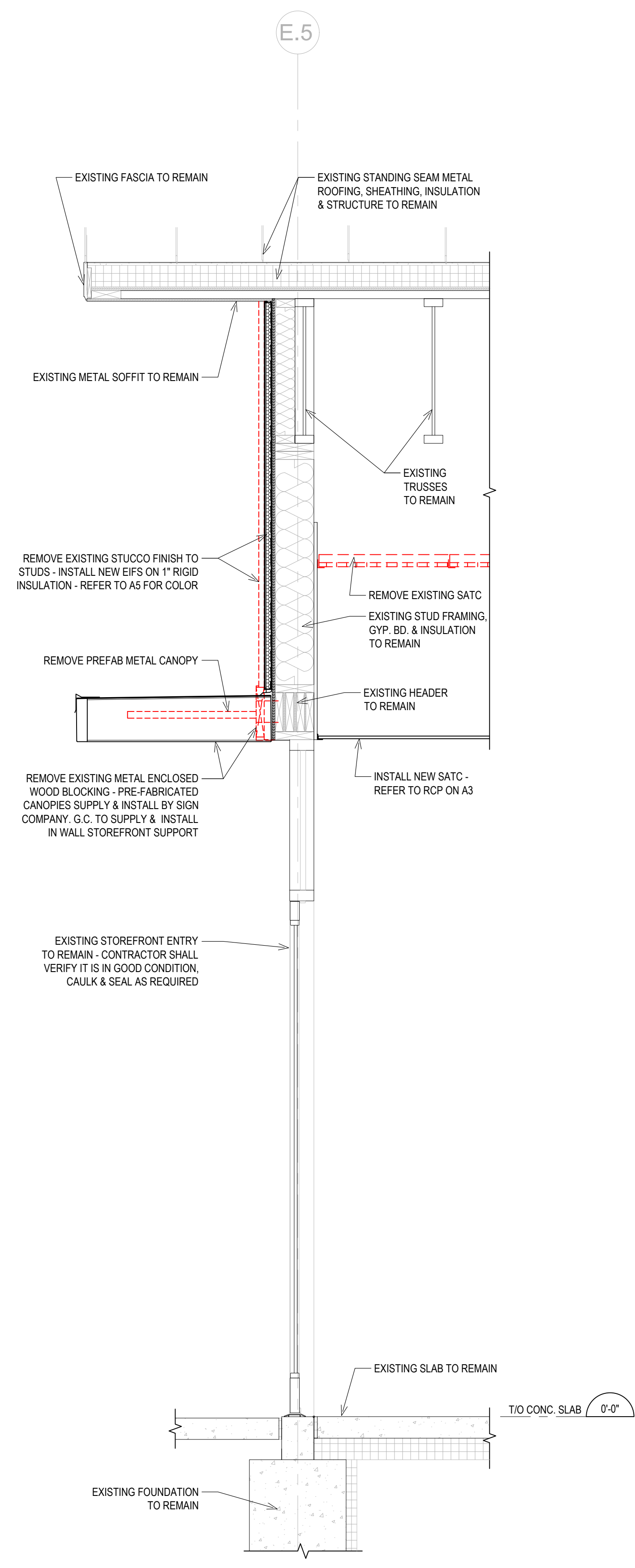
Drawing Title: **EXTERIOR ELEVATIONS**

Drawn: cdt  
Checked: KAW

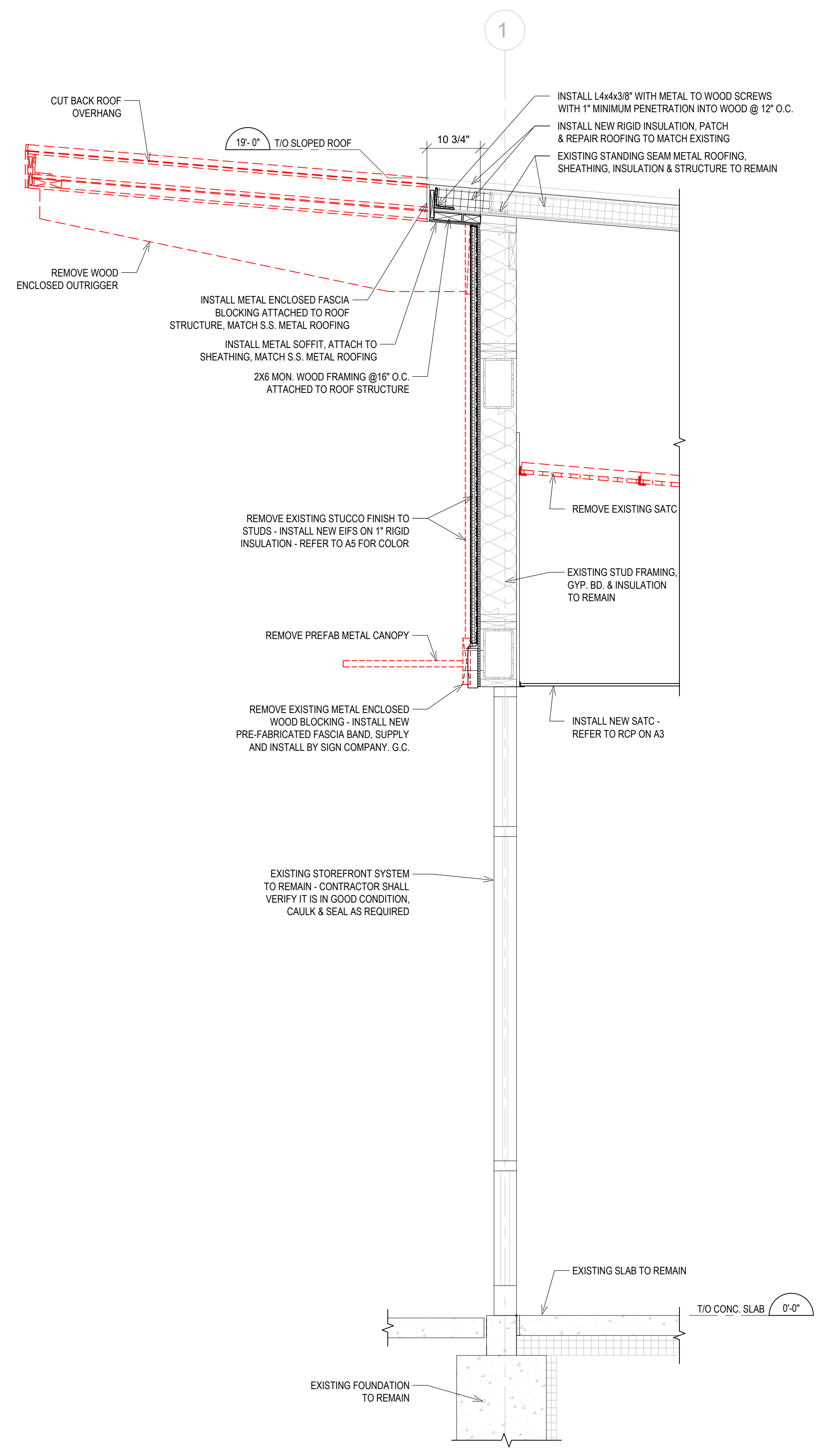
Scale: AS NOTED  
Date: Oct 8, 2024

Project No.: 6091-24  
Drawing No.: A5.0

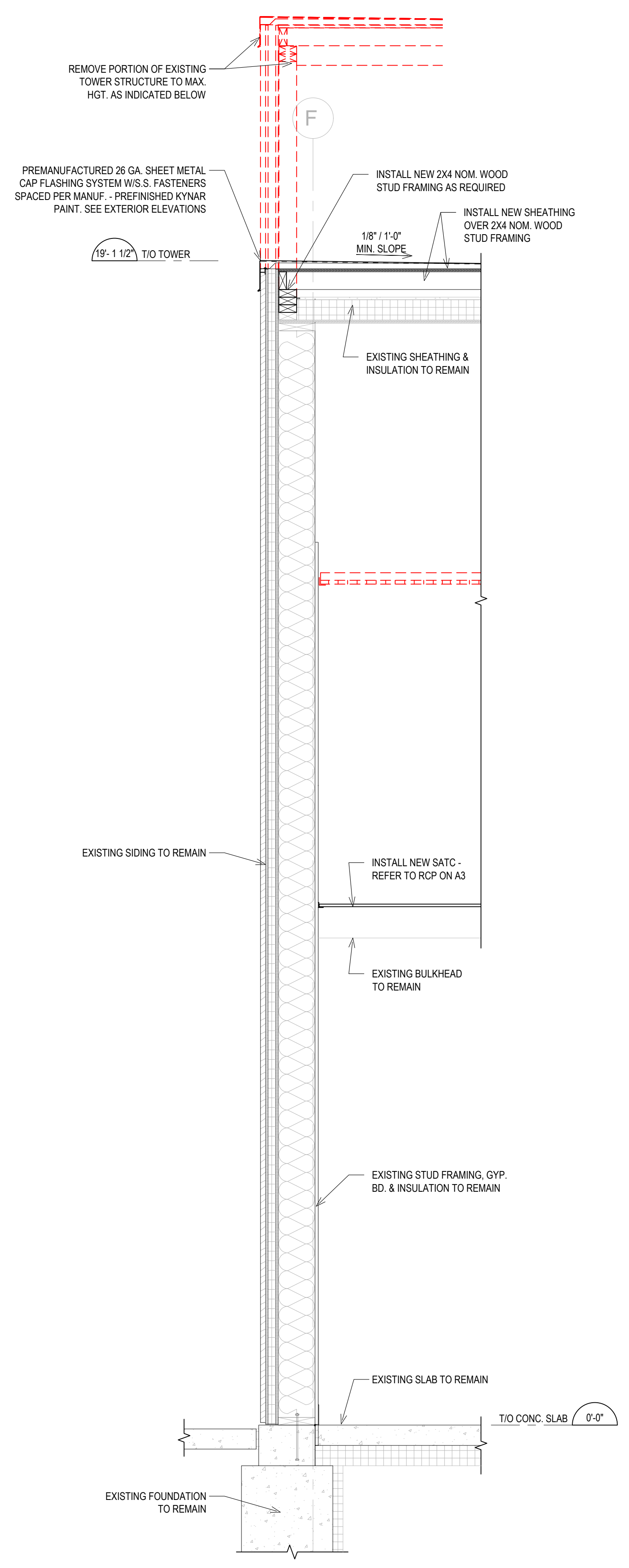
**NOTE:**  
ITEMS SHOWN IN RED ARE TO BE REMOVED/DEMOLISHED.



**1 WALL SECTION AT ENTRY**  
SCALE: 3/4" = 1'-0"



**2 WALL SECTION AT STOREFRONT**  
SCALE: 3/4" = 1'-0"



**3 WALL SECTION AT TOWER**  
SCALE: 3/4" = 1'-0"

ISSUE TABLE

No.	Date (mm/dd/yy)	Description

REVISIONS

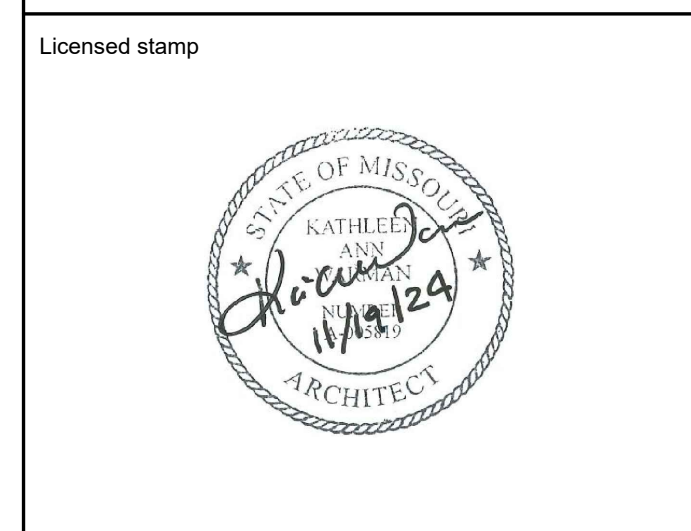
No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN

No.	Date	Description

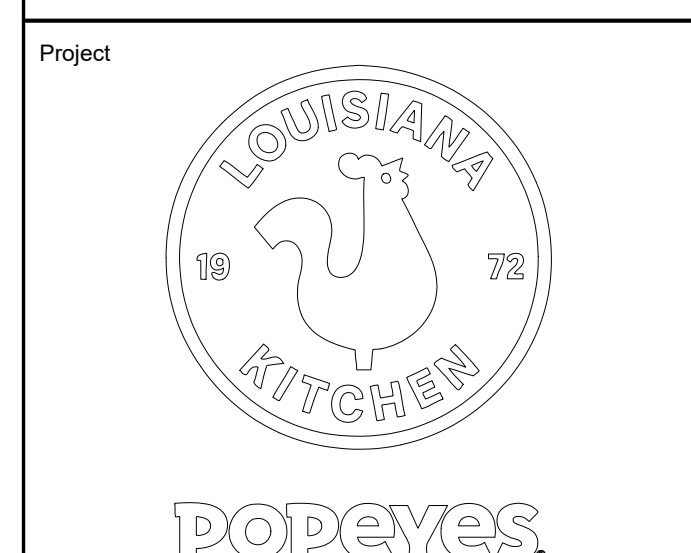
THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".



Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051

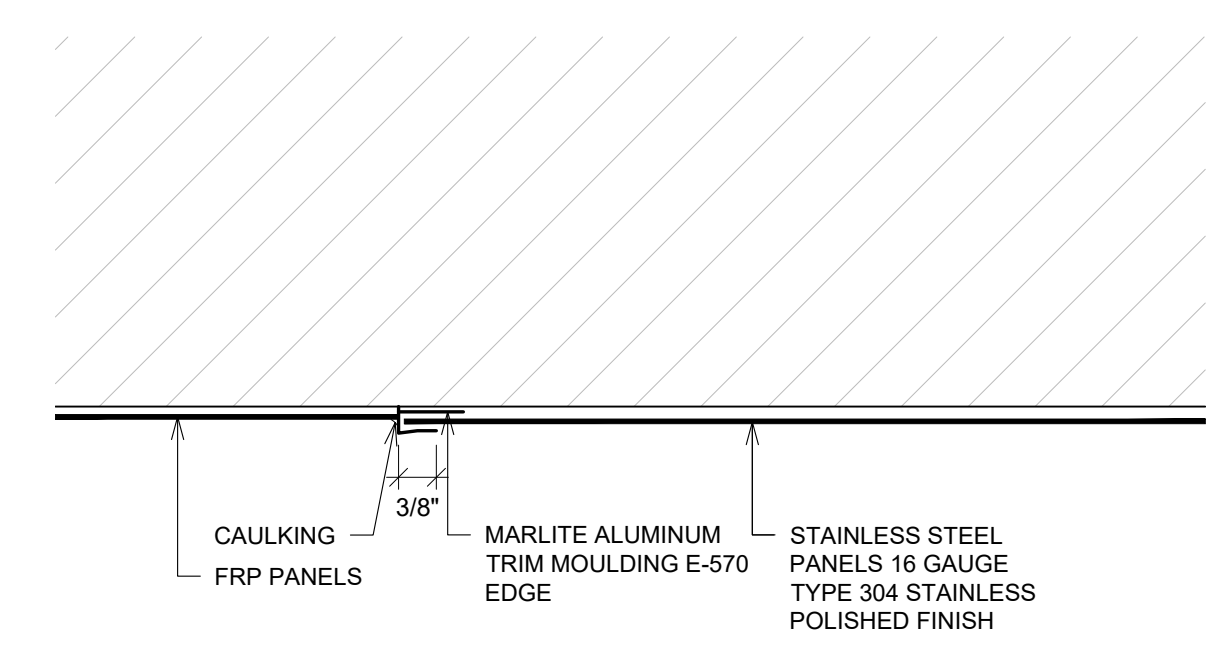


Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

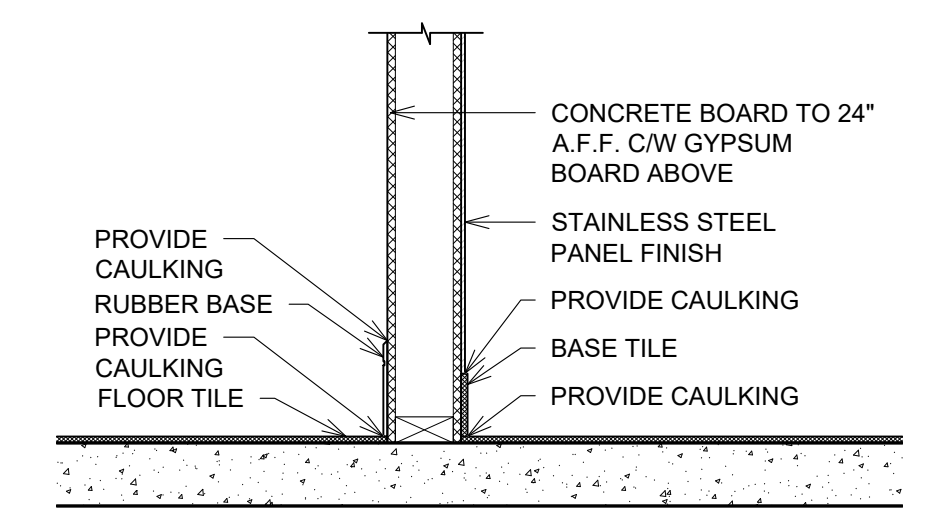
Location  
**440 NW Chipman Road**  
**Lee's Summit, MO 64063**

Drawing Title  
**WALL SECTIONS**

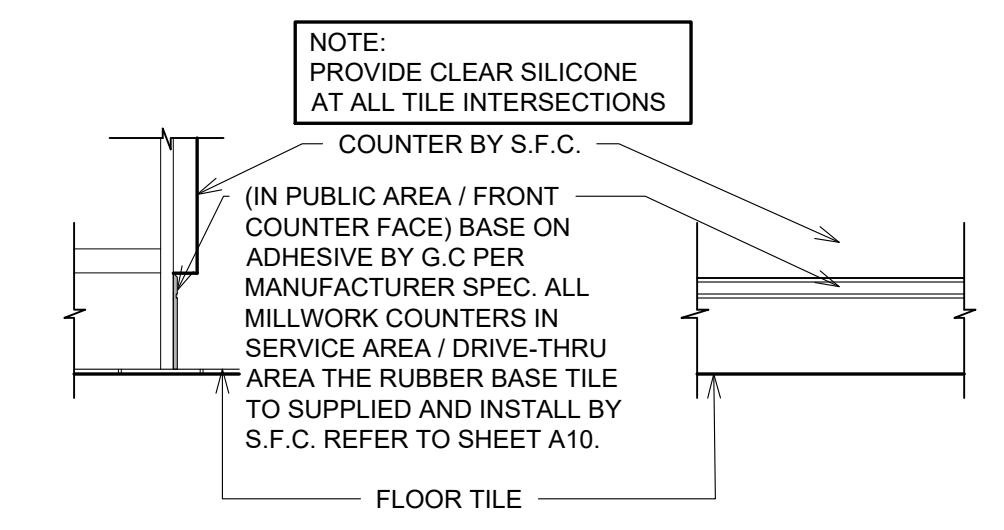
Drawn cct	Checked KAW
Scale AS NOTED	Date Oct 8, 2024
Project No. 6091-24	Drawing No. A6.1



**1 STAINLESS STEEL TRIM DETAIL**  
SCALE: 6" = 1'-0"



**4 BASE @ SS & GYPSUM BOARD**  
SCALE: 1" = 1'-0"



**5 RUBBER BASE @ COUNTER**  
SCALE: 1" = 1'-0"

ISSUE TABLE

No.	Date (mm/dd/yy)	Description

REVISIONS

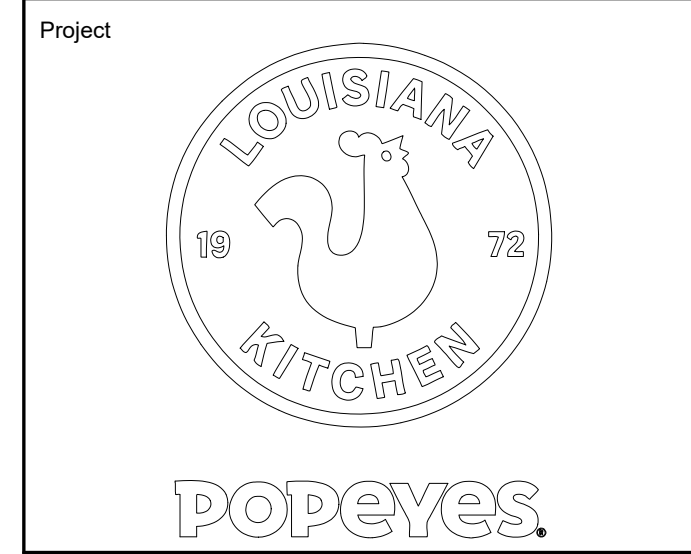
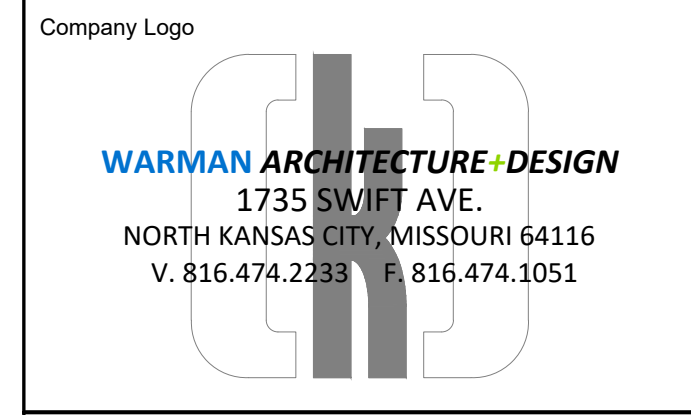
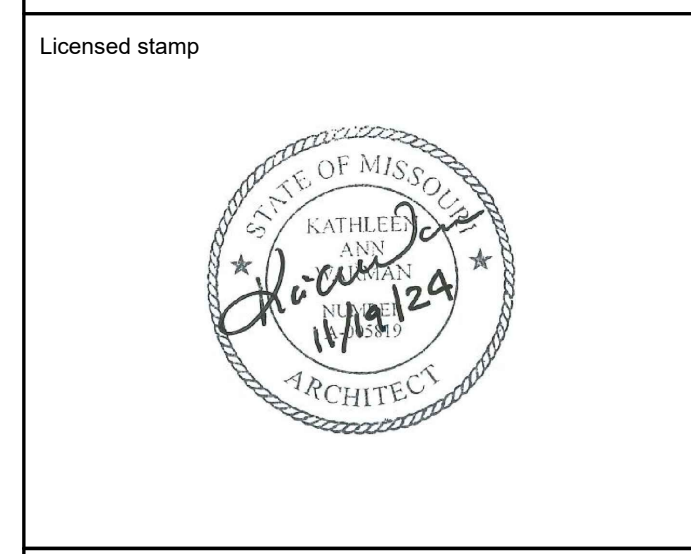
No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".

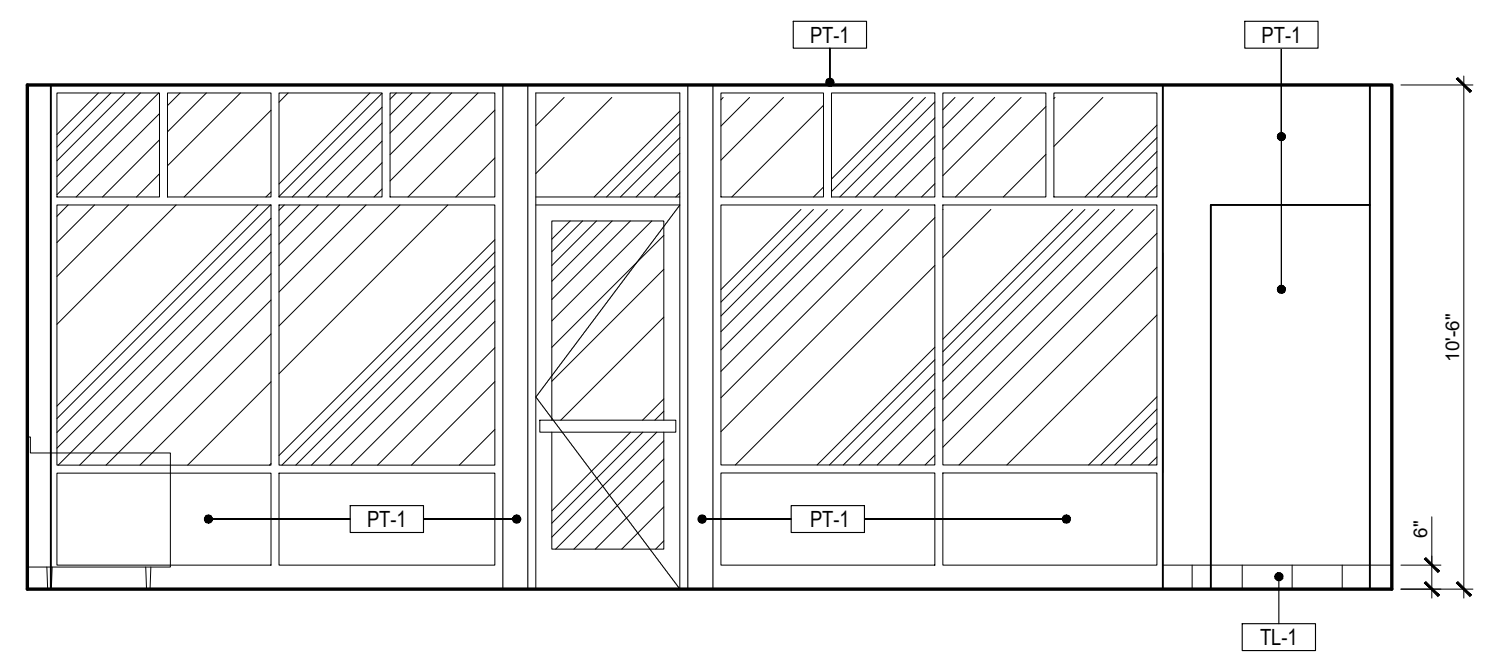


Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

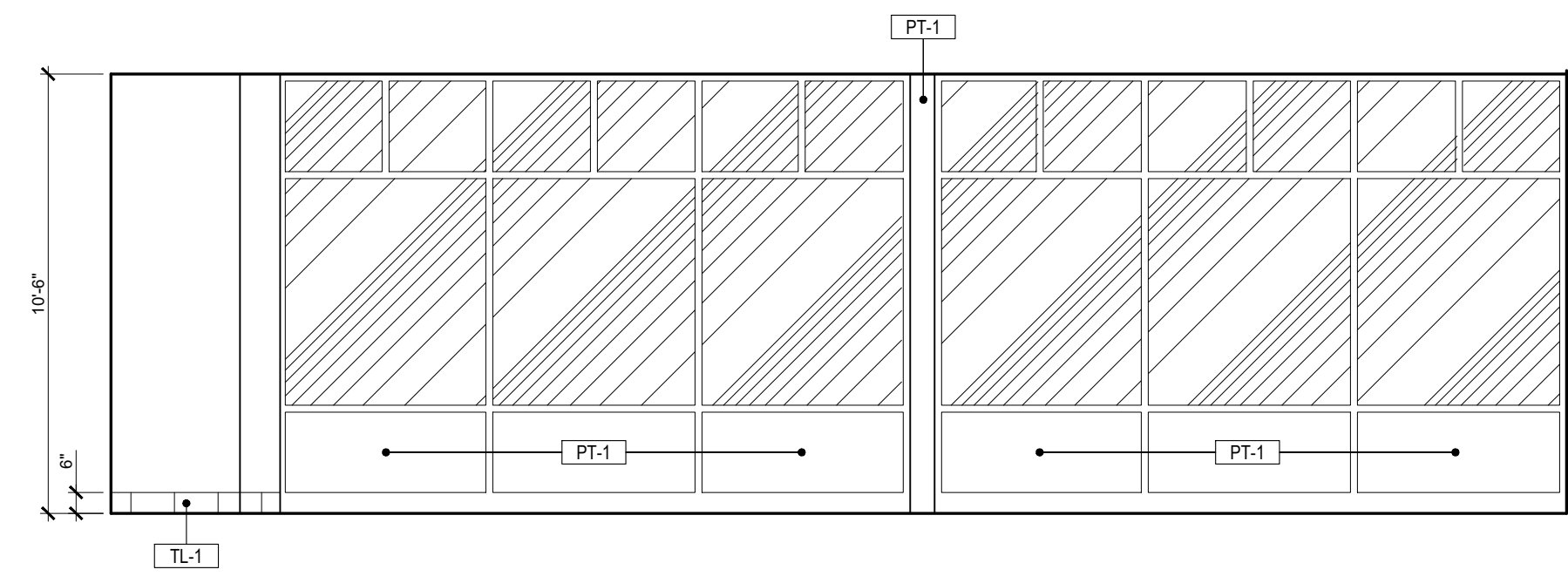
Location  
**440 NW Chipman Road  
Lee's Summit, MO 64063**

Drawing Title  
**DETAILS**

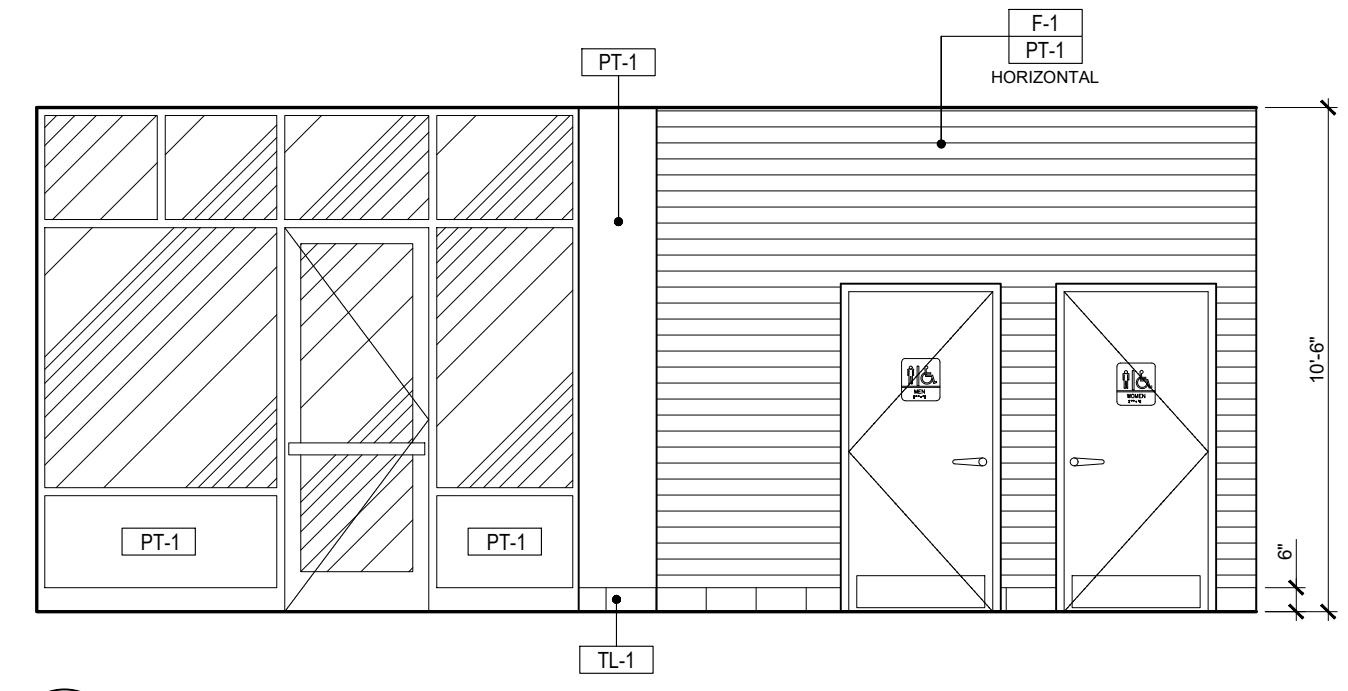
Drawn cdt	Checked KAW
Scale AS NOTED	Date Oct 8, 2024
Project No. 6091-24	Drawing No. A8.0



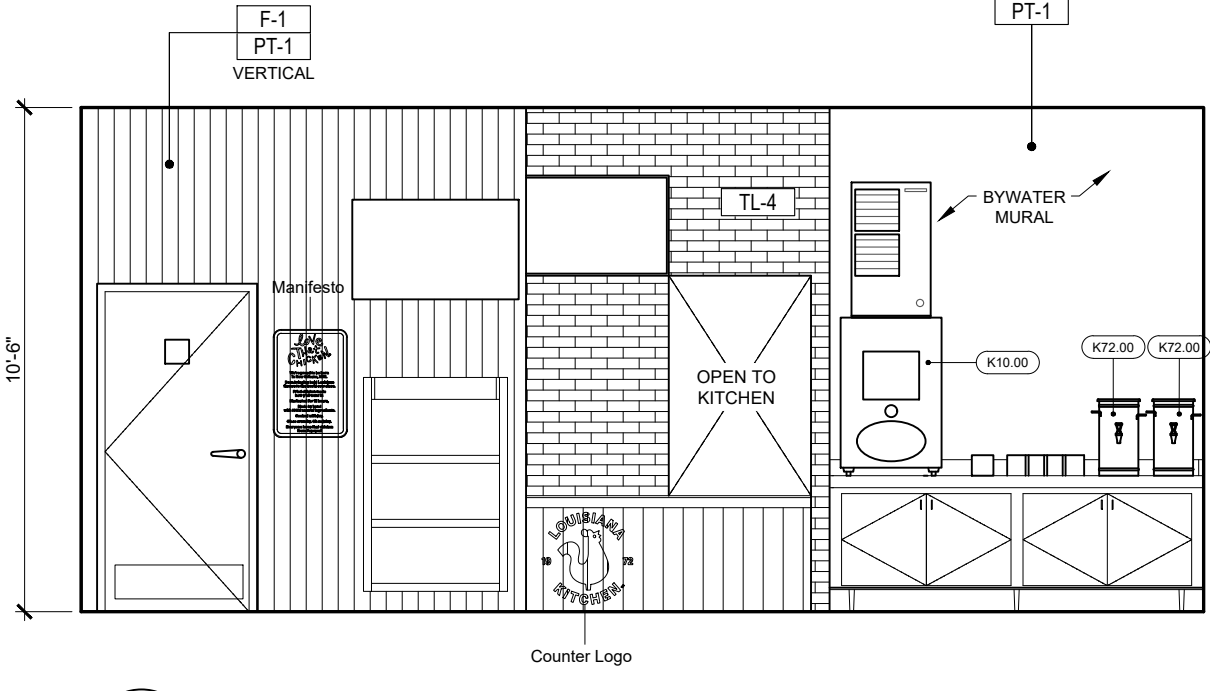
**1 PUBLIC AREA**  
A9 SCALE: 1/4" = 1'-0"



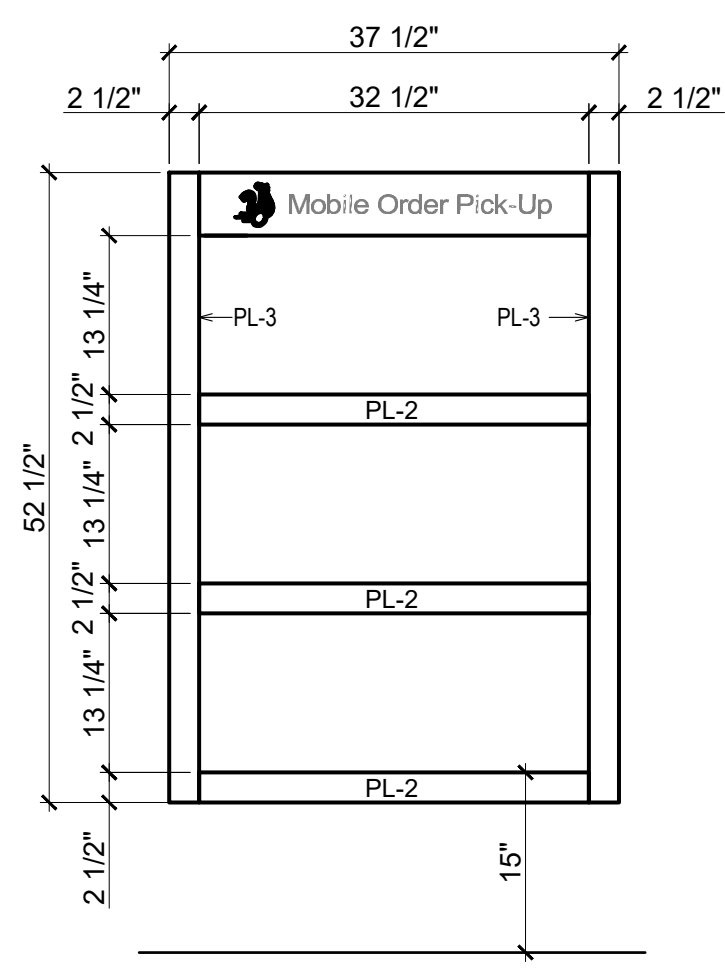
**2 PUBLIC AREA**  
A9 SCALE: 1/4" = 1'-0"



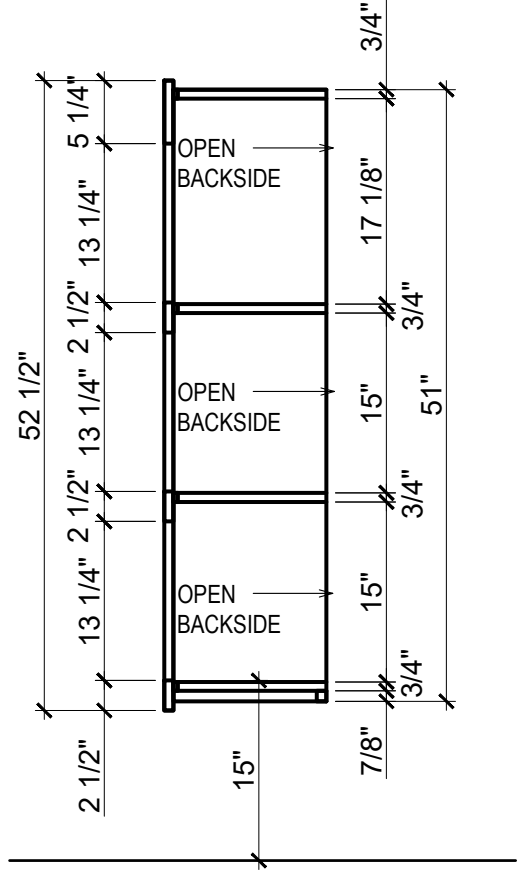
**3 PUBLIC AREA**  
A9 SCALE: 1/4" = 1'-0"



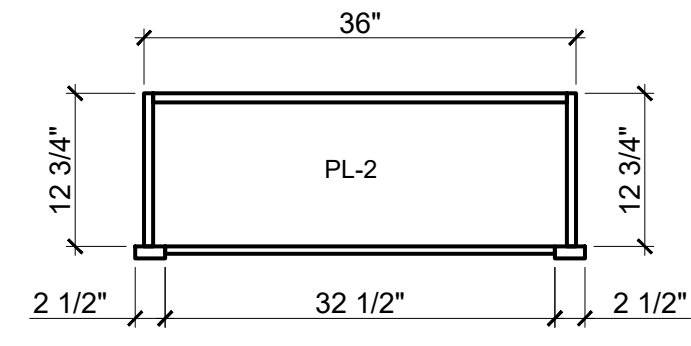
**4 SERVICE AREA / PUBLIC AREA**  
A9 SCALE: 1/4" = 1'-0"



**FRONT VIEW**



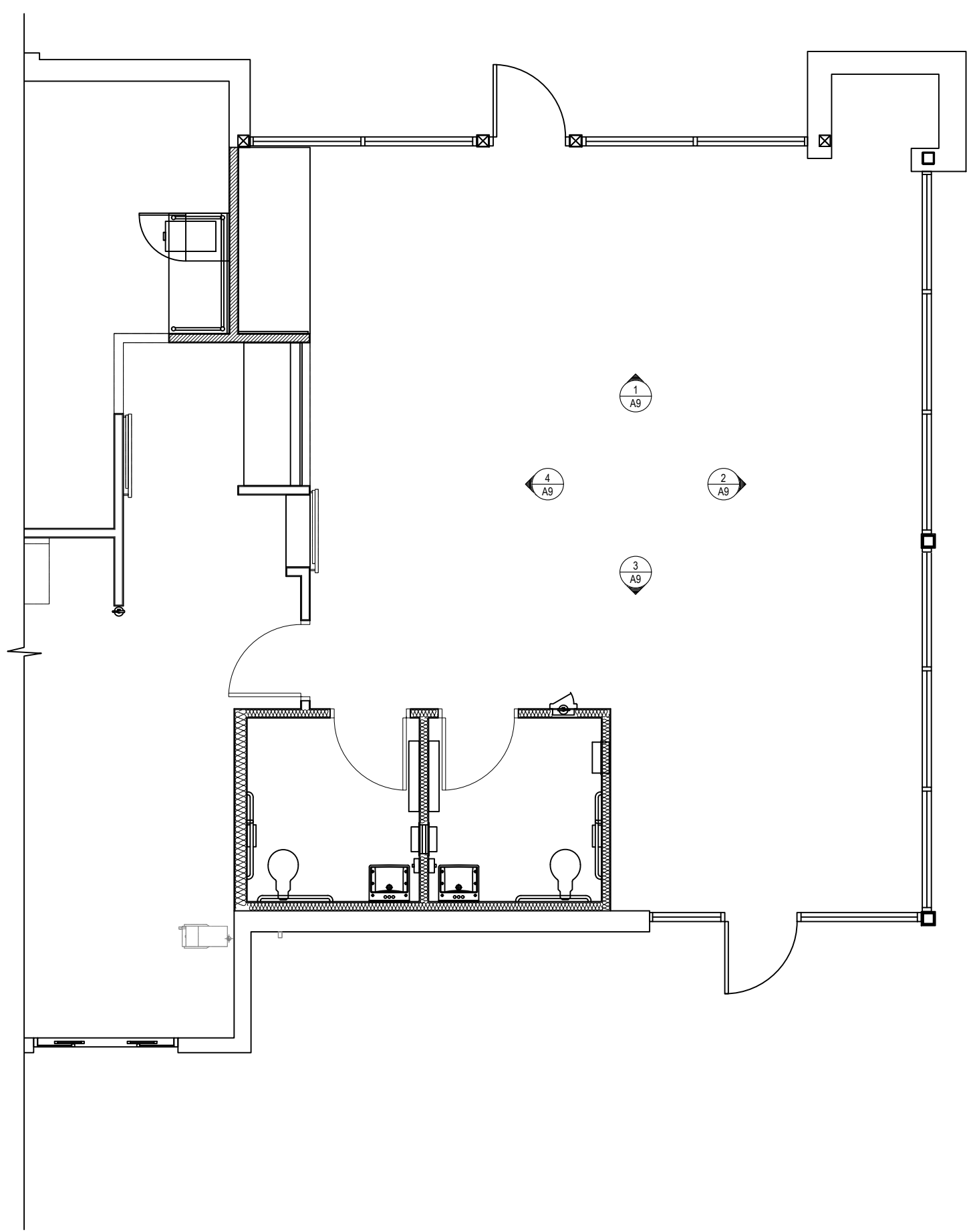
**SIDE VIEW**



**PLAN VIEW**

PICK-UP SHELF  
PL-2 ARBORITE MOCHA CHERRY  
PL-3 WILSONART LINEN P-LAM

**9 PICK UP SHELF DETAILS**  
A9 SCALE: 1/2"=1'-0"



**10 ENLARGED PARTIAL FLOOR PLAN**  
A9 SCALE: 3/16"=1'-0"

ISSUE TABLE		
No.	Date (mm/dd/yy)	Description

REVISIONS		
No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN		
No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".

Licensed stamp

Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051

Project

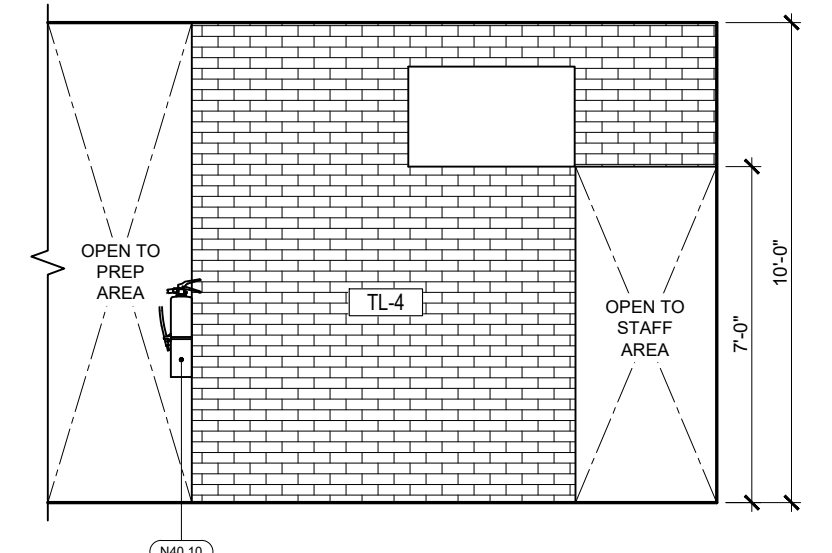
**POPEYES.**

Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

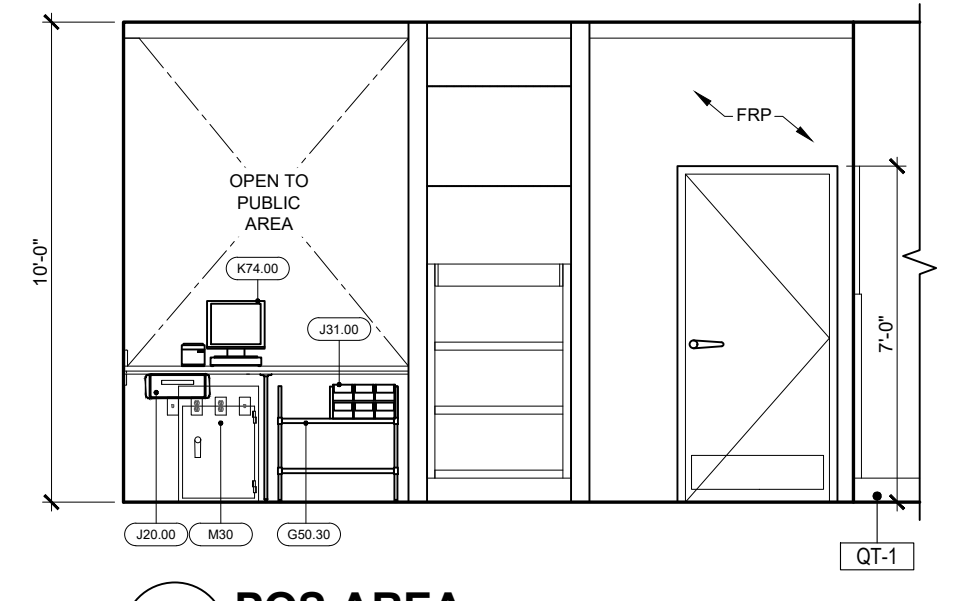
Location  
**440 NW Chipman Road  
Lee's Summit, MO 64063**

Drawing Title  
**INTERIOR ELEVATIONS**

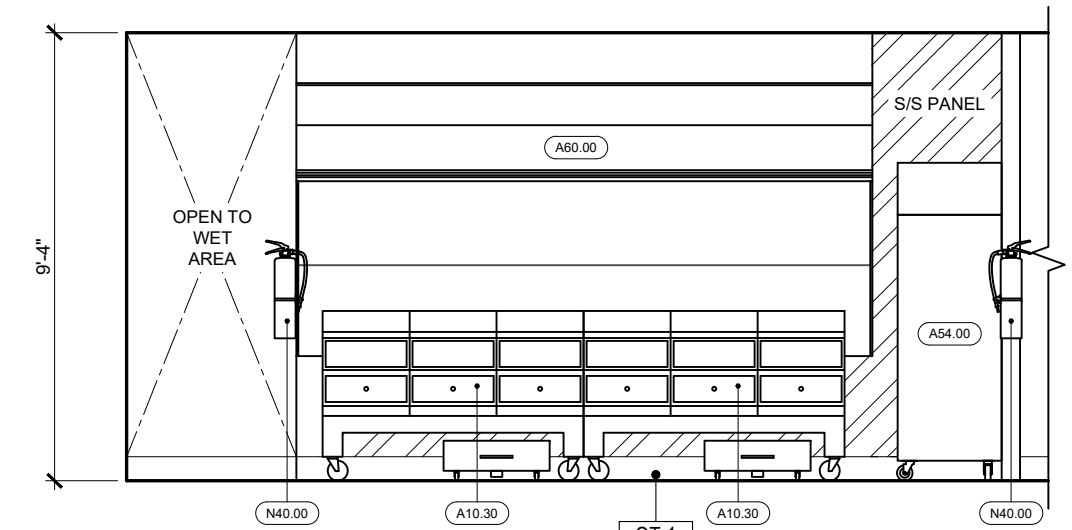
Drawn cdt	Checked KAW
Scale AS NOTED	Date Oct 8, 2024
Project No. 6091-24	Drawing No. A9



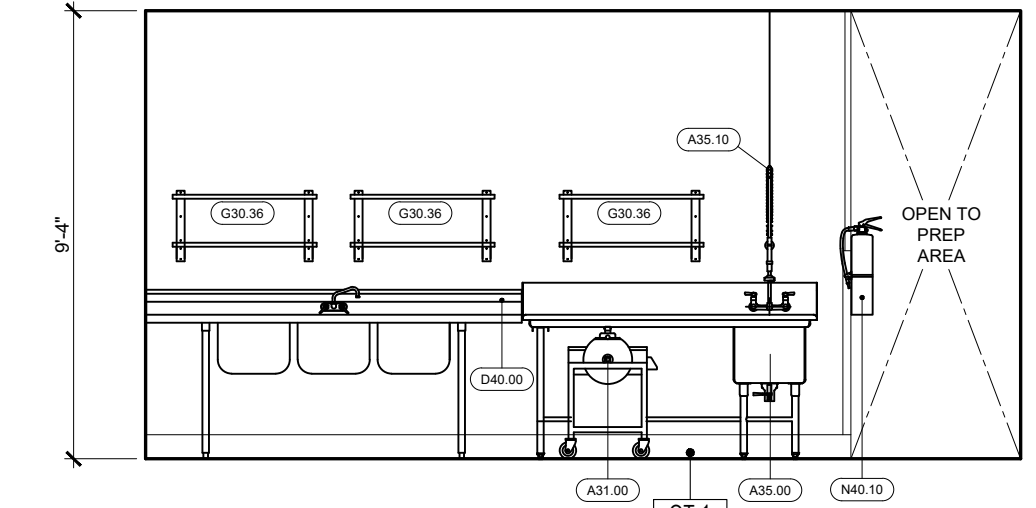
**1 MENUBOARD**  
A9.1 SCALE: 1/4" = 1'-0"



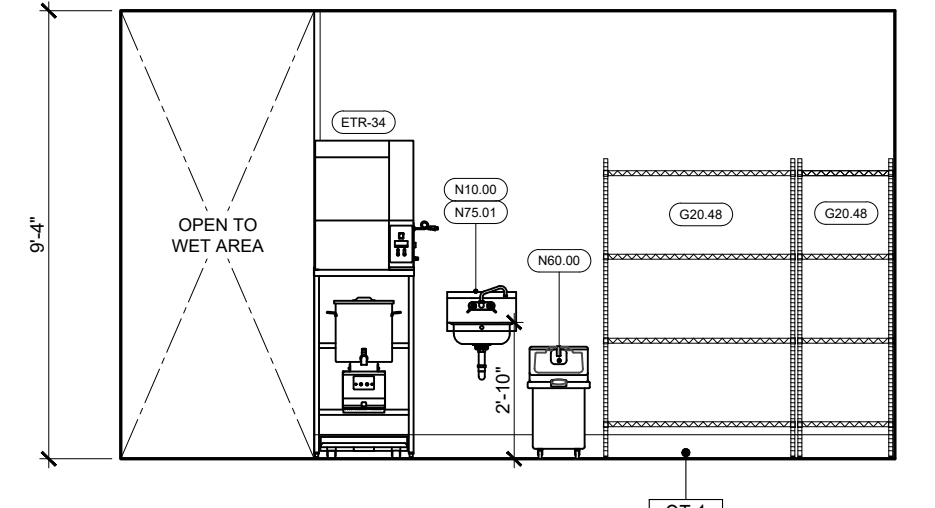
**2 POS AREA**  
A9.1 SCALE: 1/4" = 1'-0"



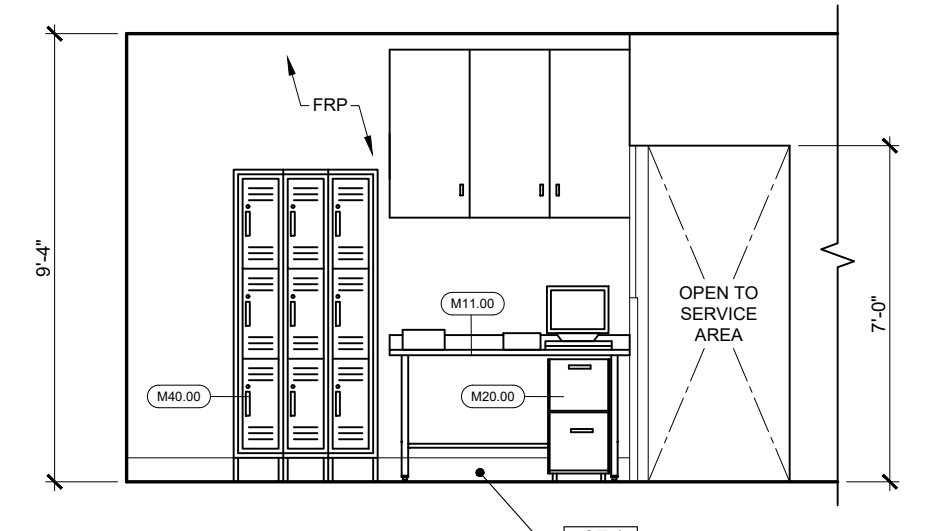
**3 FRYER**  
A9.1 SCALE: 1/4" = 1'-0"



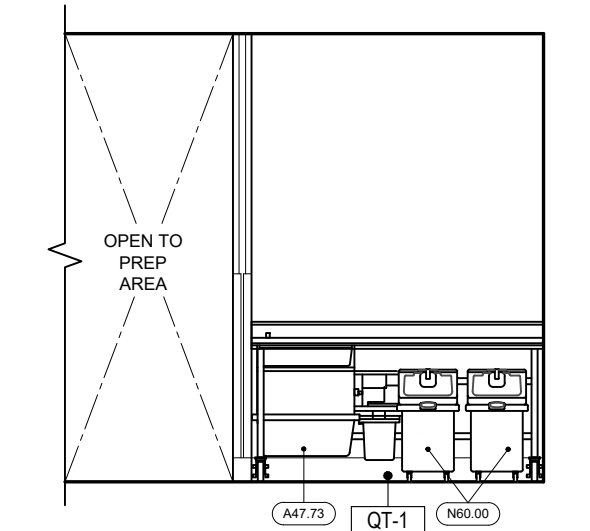
**4 WET AREA**  
A9.1 SCALE: 1/4" = 1'-0"



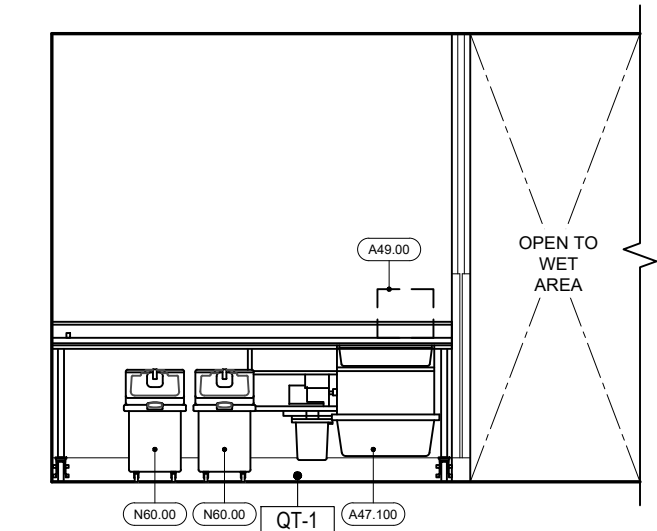
**5 STORAGE**  
A9.1 SCALE: 1/4" = 1'-0"



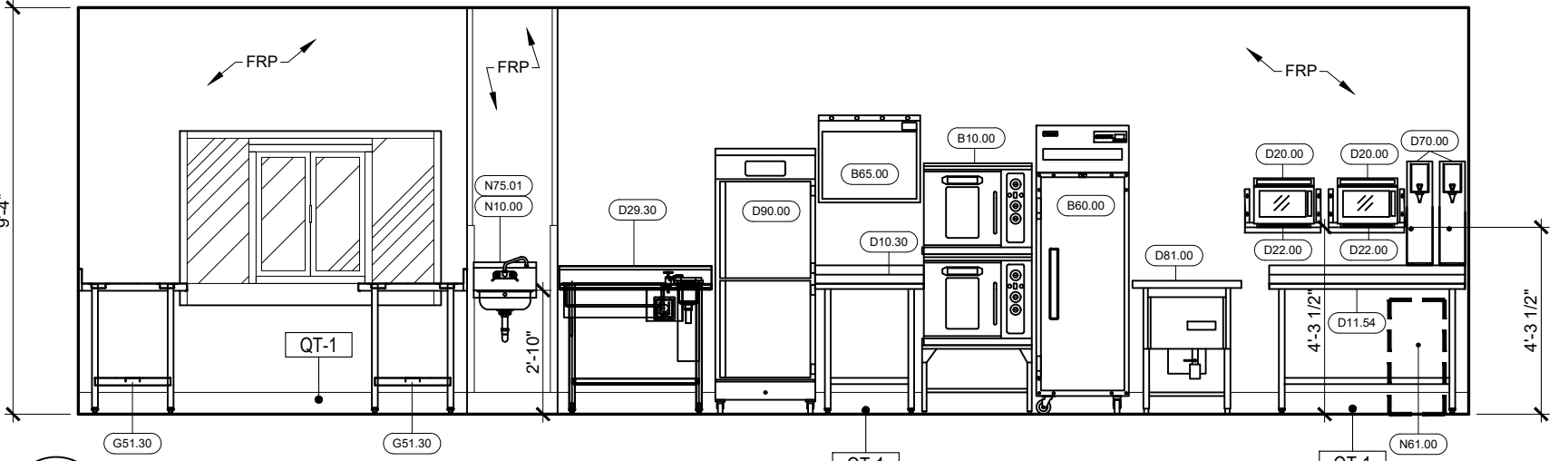
**6 STAFF**  
A9.1 SCALE: 1/4" = 1'-0"



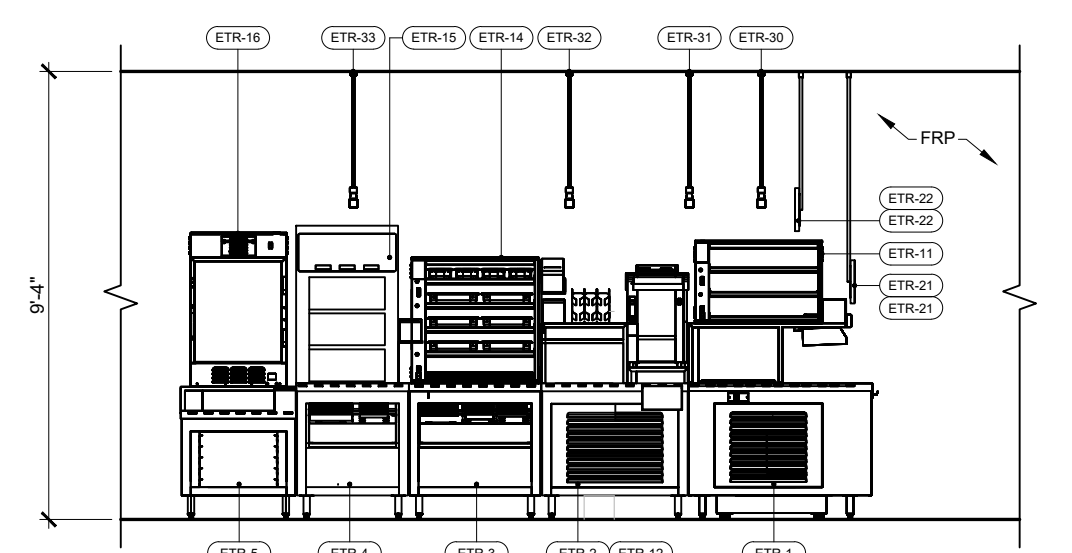
**7 BATTER**  
A9.1 SCALE: 1/4" = 1'-0"



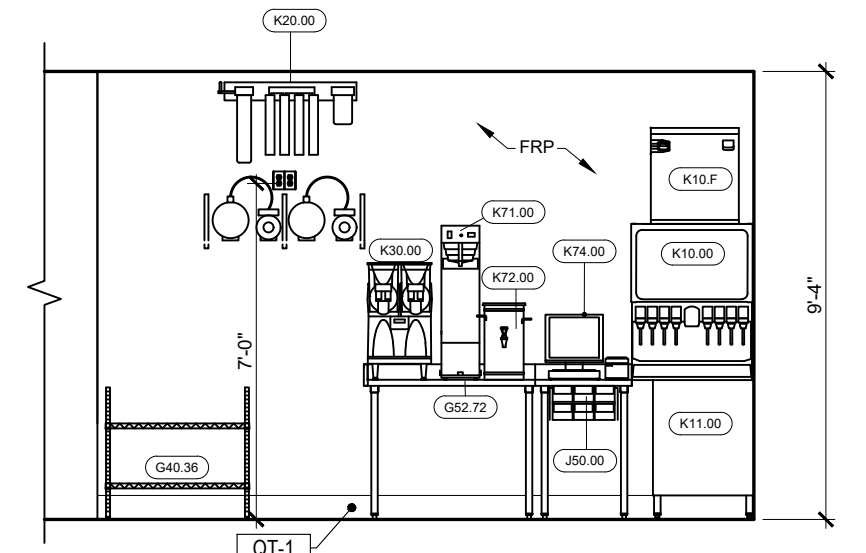
**8 BATTER**  
A9.1 SCALE: 1/4" = 1'-0"



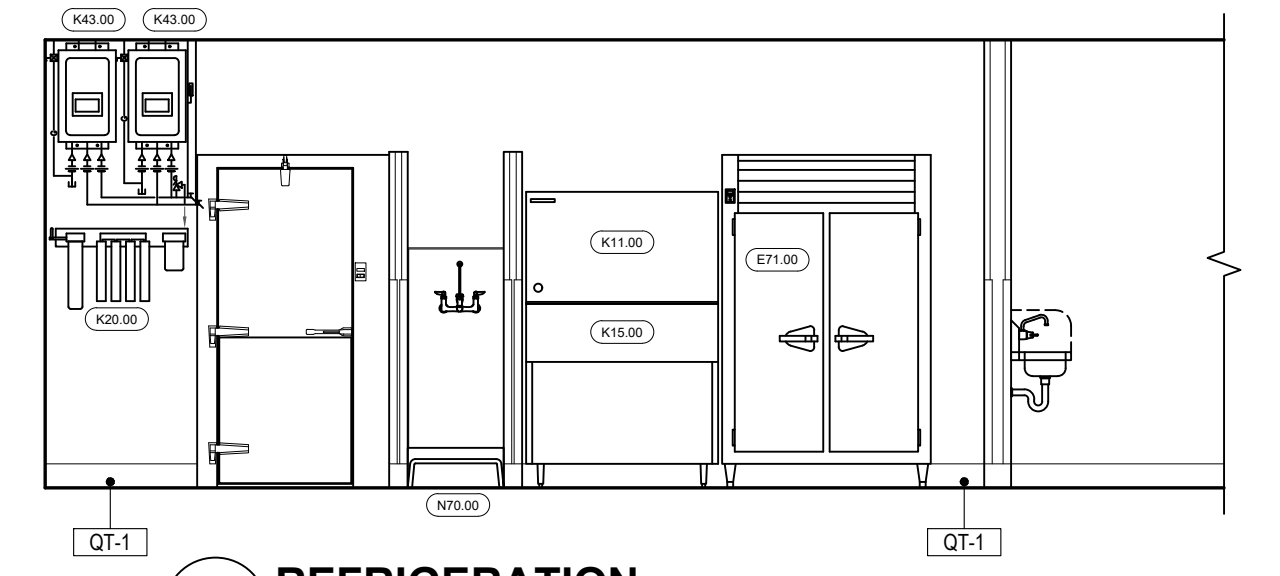
**9 PREP**  
A9.1 SCALE: 1/4" = 1'-0"



**10 PRODUCTION LINE**  
A9.1 SCALE: 1/4" = 1'-0"

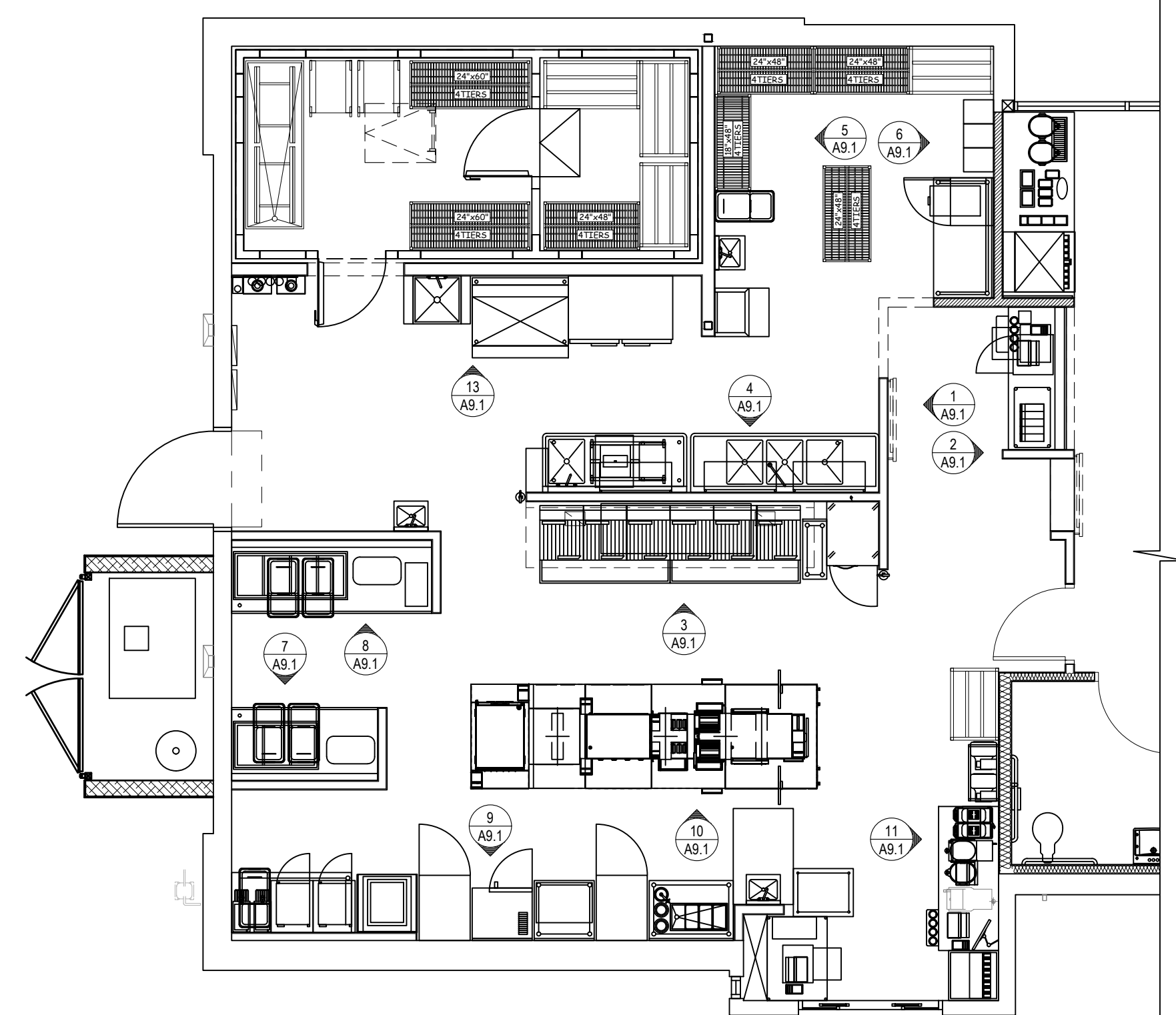


**11 BAG-IN-BOX**  
A9.1 SCALE: 1/4" = 1'-0"



**13 REFRIGERATION**  
A9.1 SCALE: 1/4" = 1'-0"

**12 NOT USED**  
A9.1 SCALE: N/A



**14 ENLARGED PARTIAL FLOOR PLAN (FOR REFERENCE)**  
A9.1 SCALE: 3/16" = 1'-0"

ISSUE TABLE

No.	Date (mm/dd/yy)	Description

REVISIONS

No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".



Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2283 F. 816.474.1051



Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road**  
Lee's Summit, MO 64063

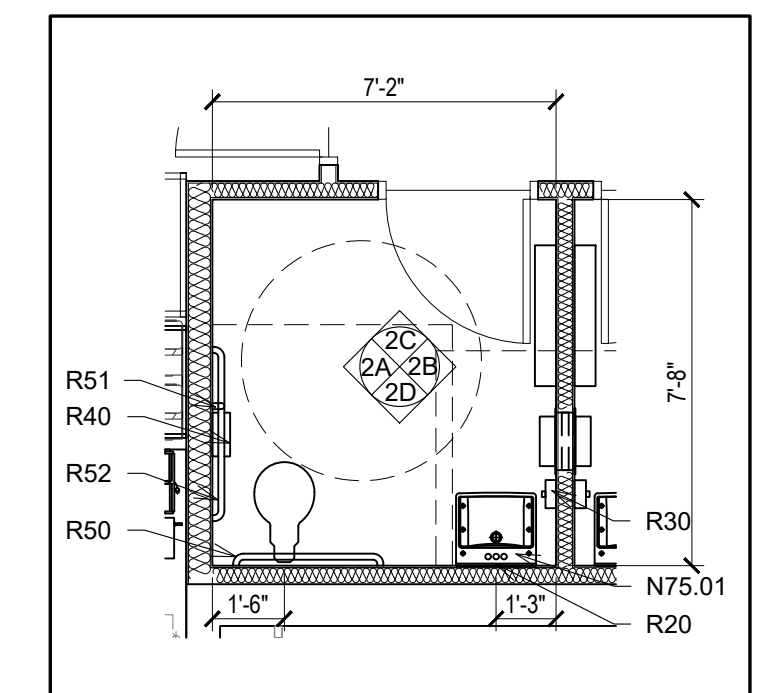
Drawing Title

**INTERIOR ELEVATIONS**

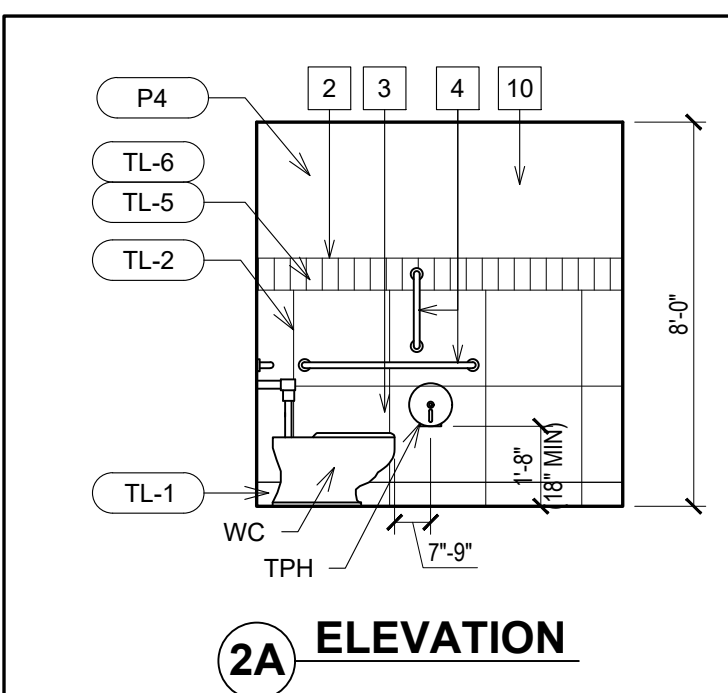
Drawn cdt	Checked KAW
Scale AS NOTED	Date Oct 8, 2024
Project No. 6091-24	Drawing No. A9.1



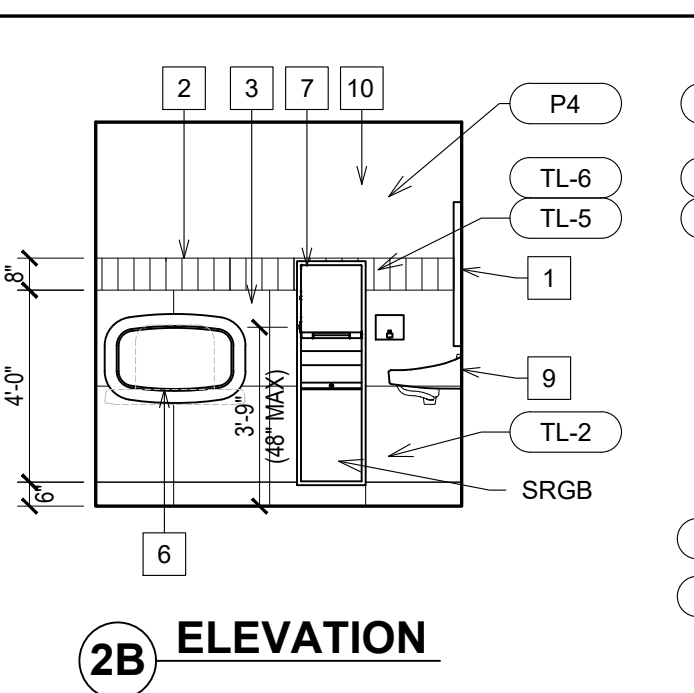




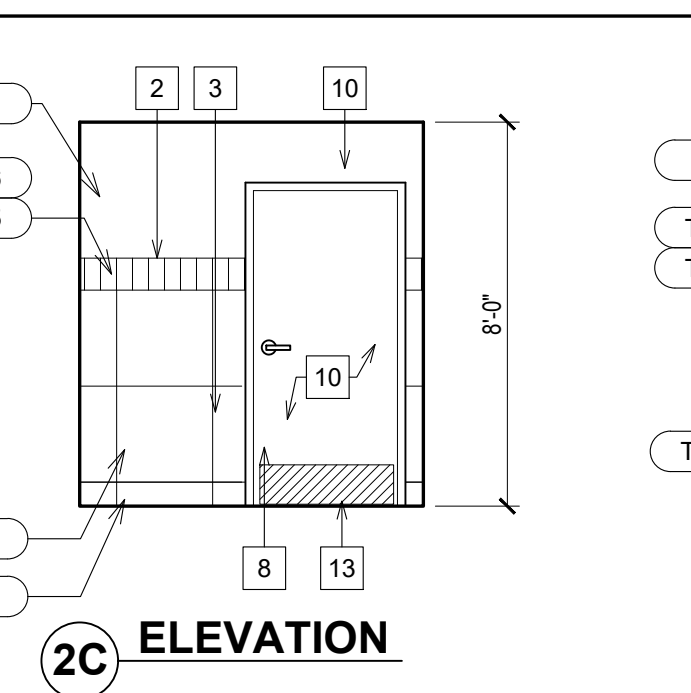
**1 PLAN MEN'S WASHROOM**  
A9.3 SCALE: 1/4" = 1'-0"



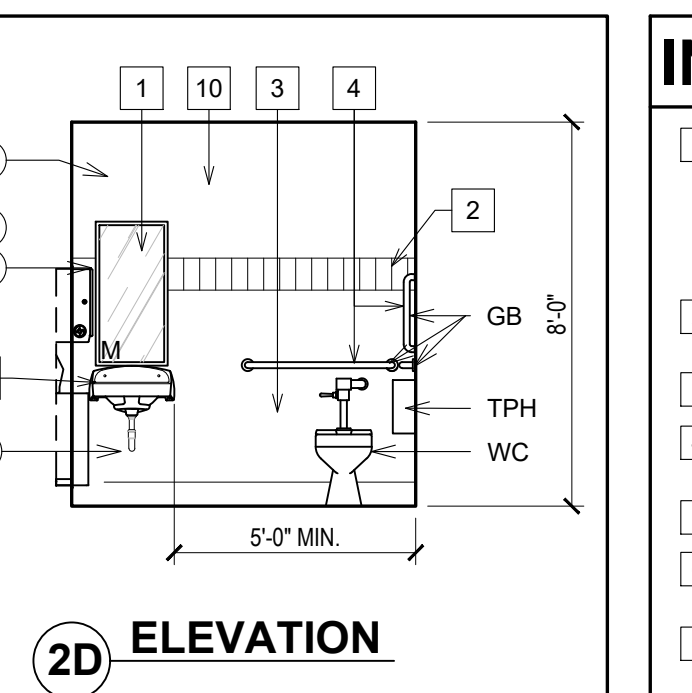
**2A ELEVATION**  
A9.3 SCALE: 1/4" = 1'-0"



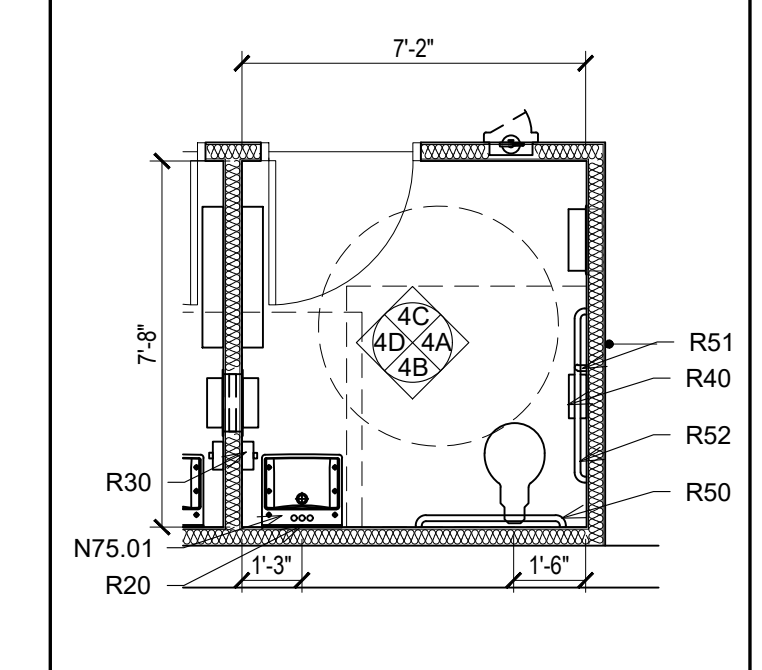
**2B ELEVATION**  
A9.3 SCALE: 1/4" = 1'-0"



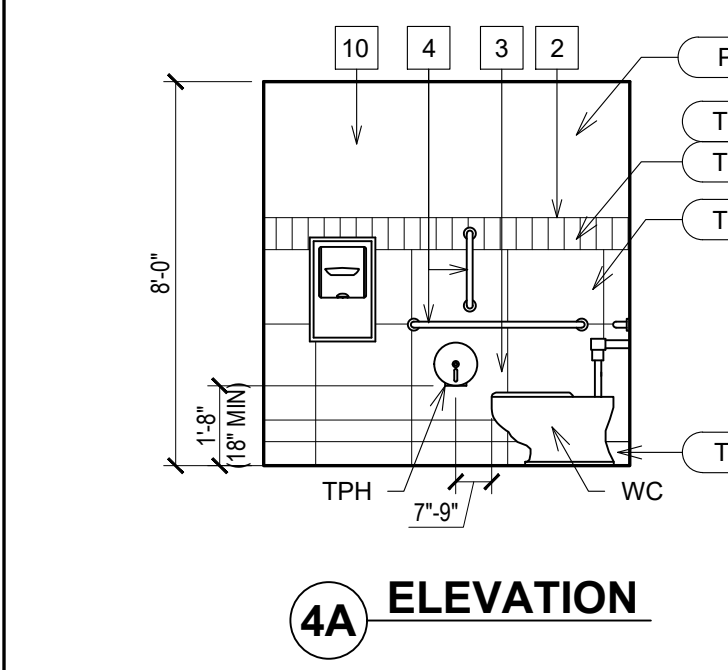
**2C ELEVATION**  
A9.3 SCALE: 1/4" = 1'-0"



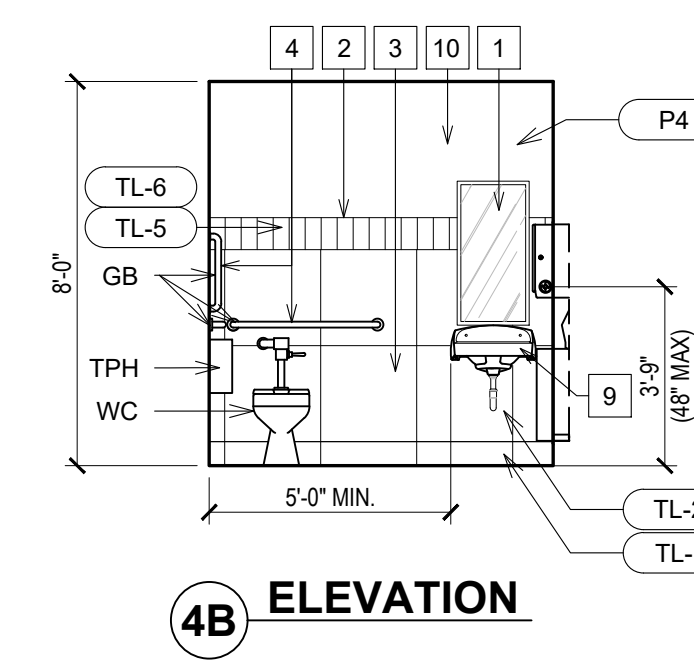
**2D ELEVATION**  
A9.3 SCALE: 1/4" = 1'-0"



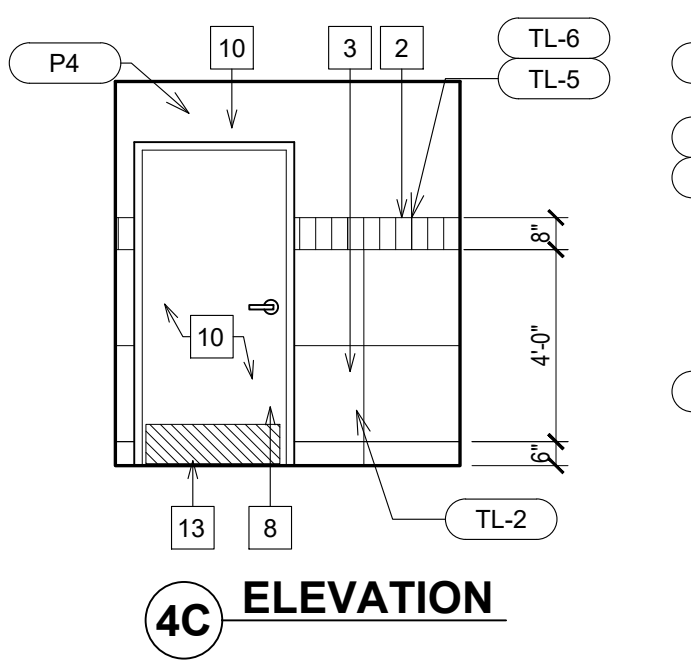
**3 PLAN WOMEN'S WASHROOM**  
A9.3 SCALE: 1/4" = 1'-0"



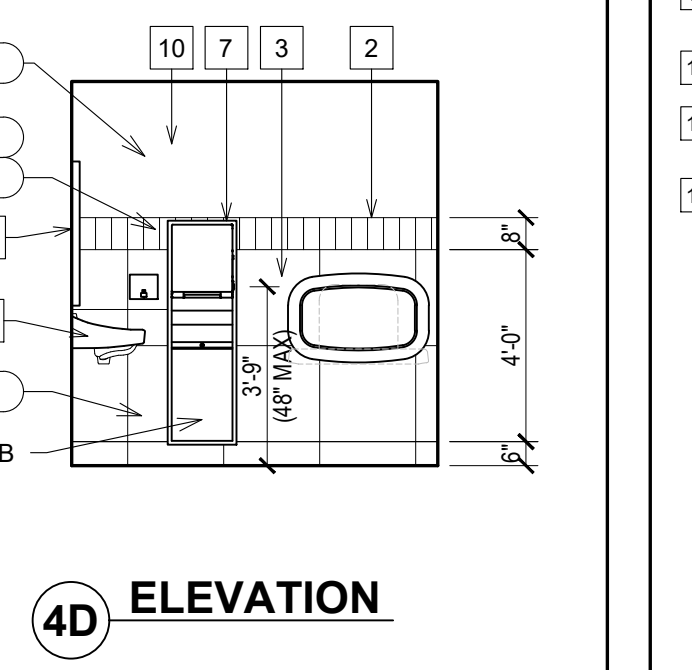
**4A ELEVATION**  
A9.3 SCALE: 1/4" = 1'-0"



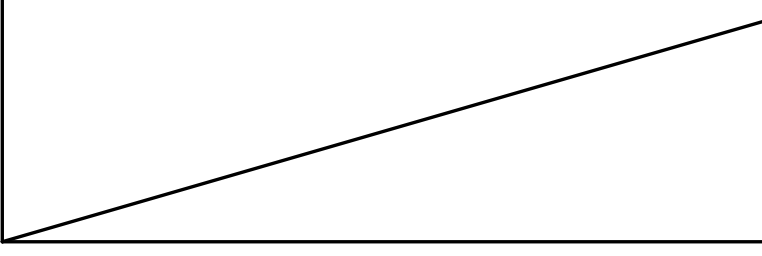
**4B ELEVATION**  
A9.3 SCALE: 1/4" = 1'-0"



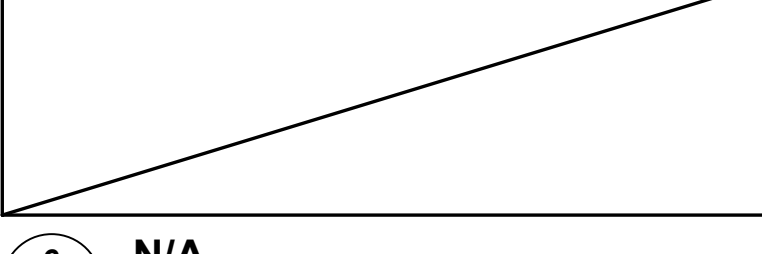
**4C ELEVATION**  
A9.3 SCALE: 1/4" = 1'-0"



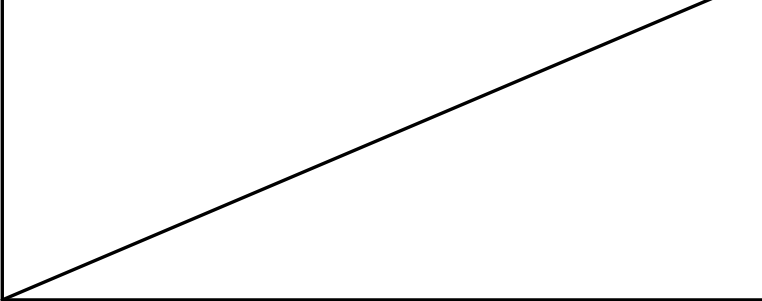
**4D ELEVATION**  
A9.3 SCALE: 1/4" = 1'-0"



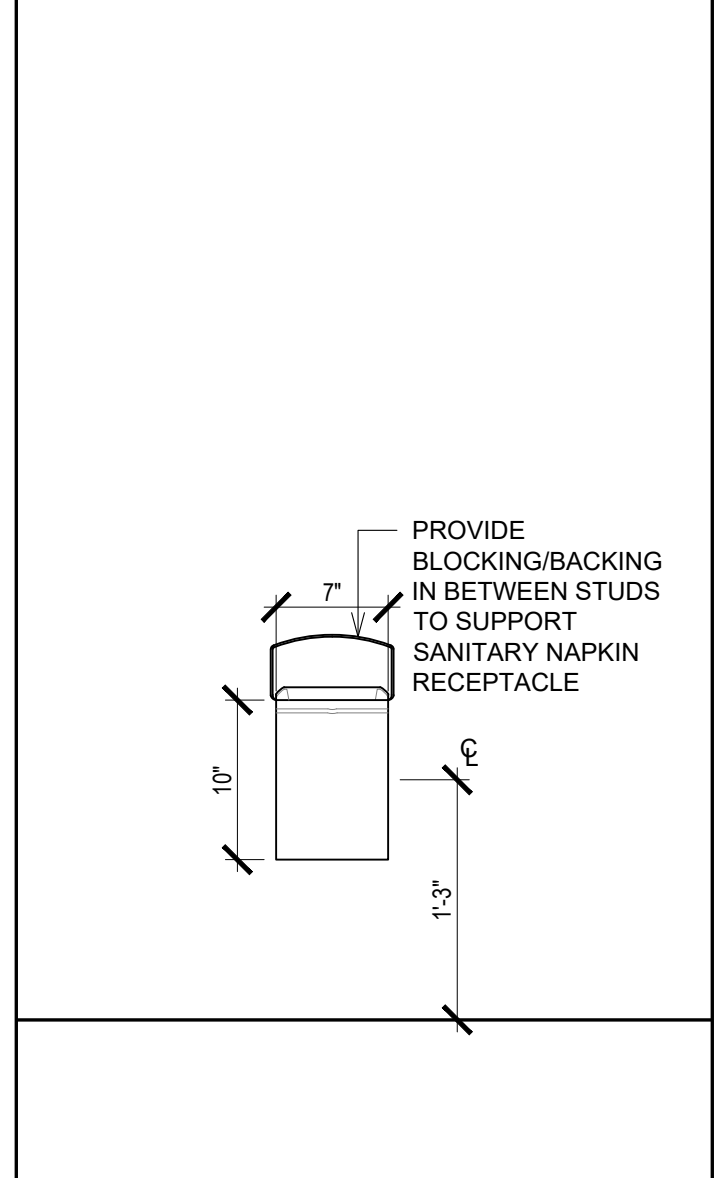
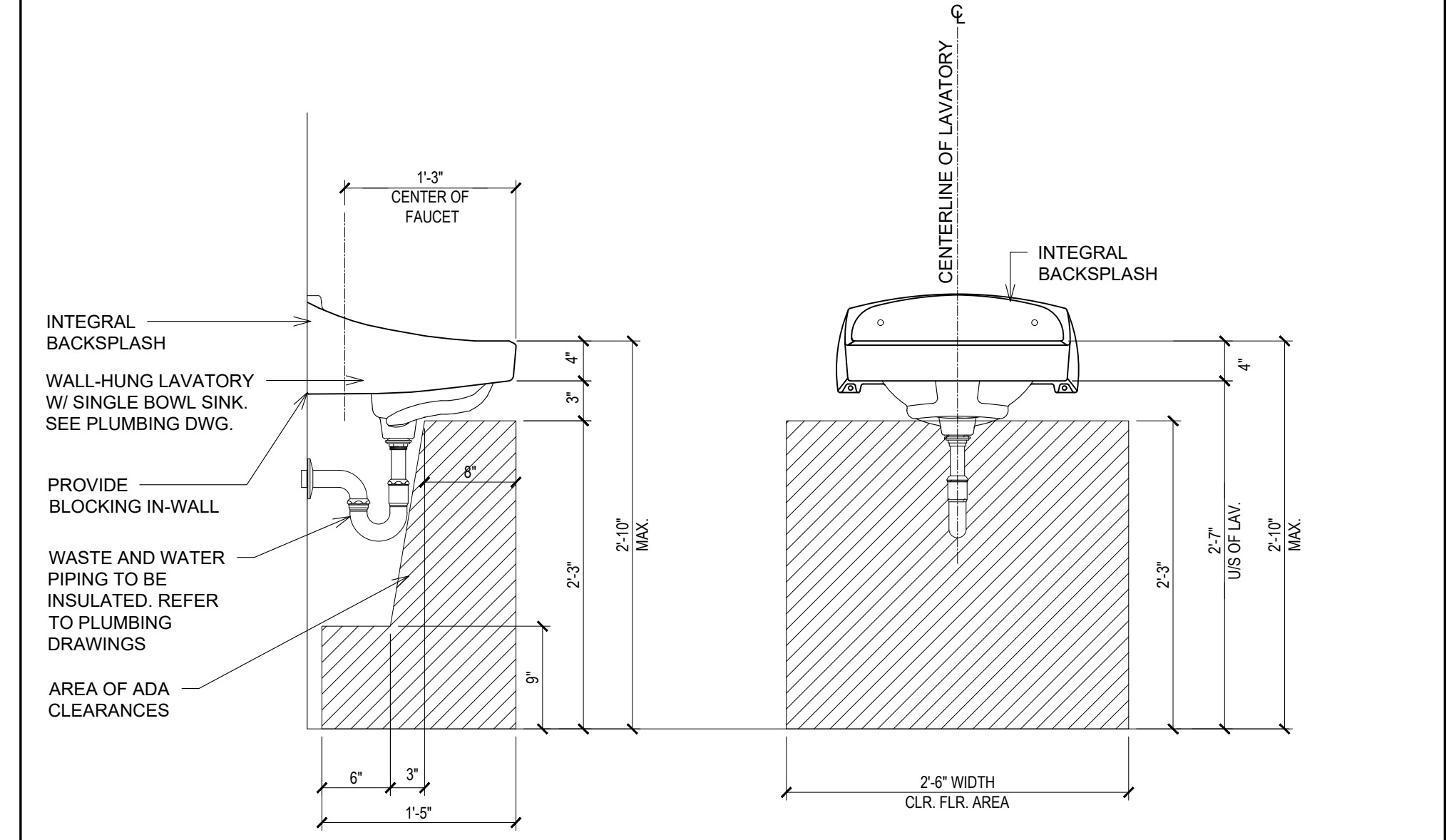
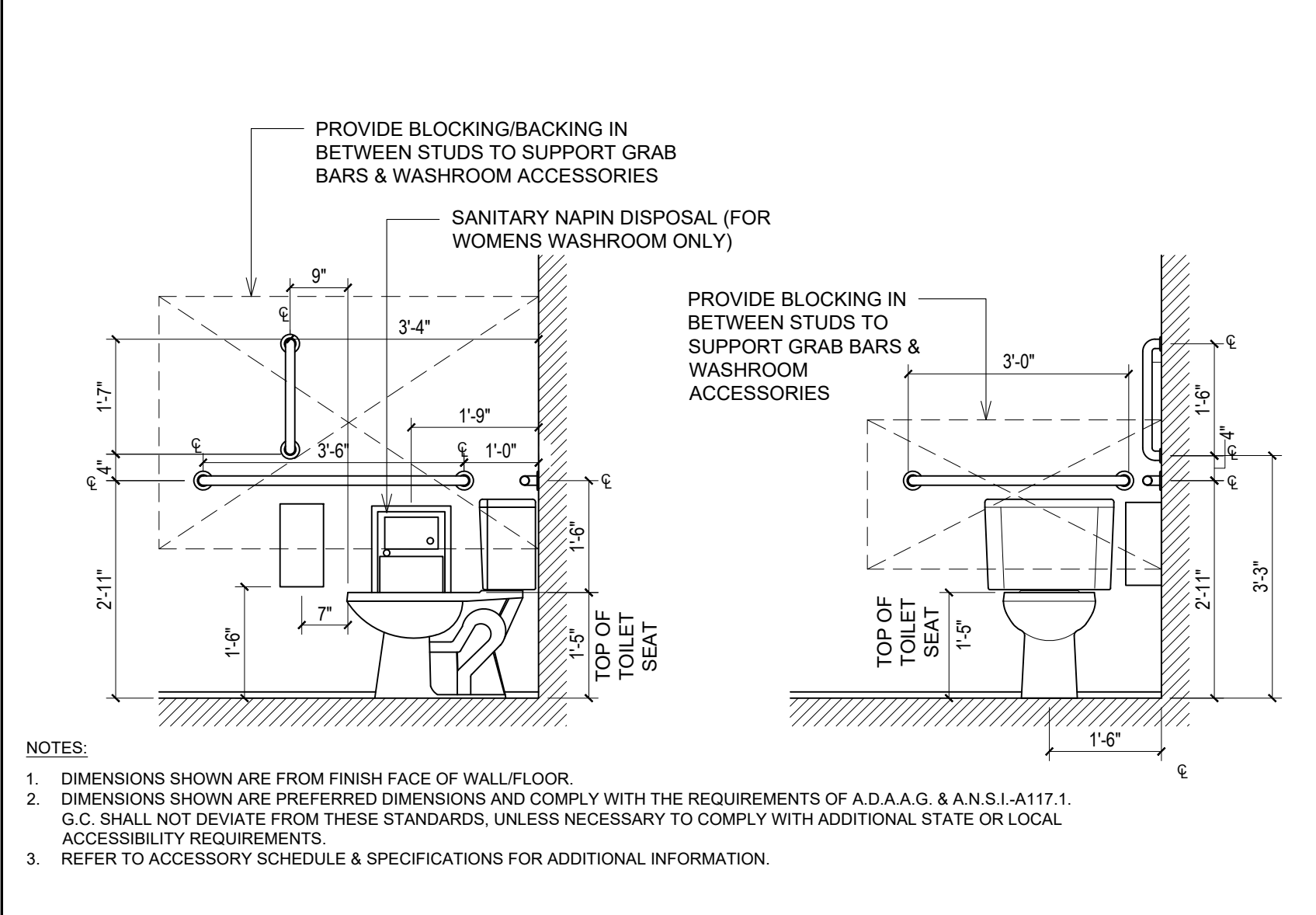
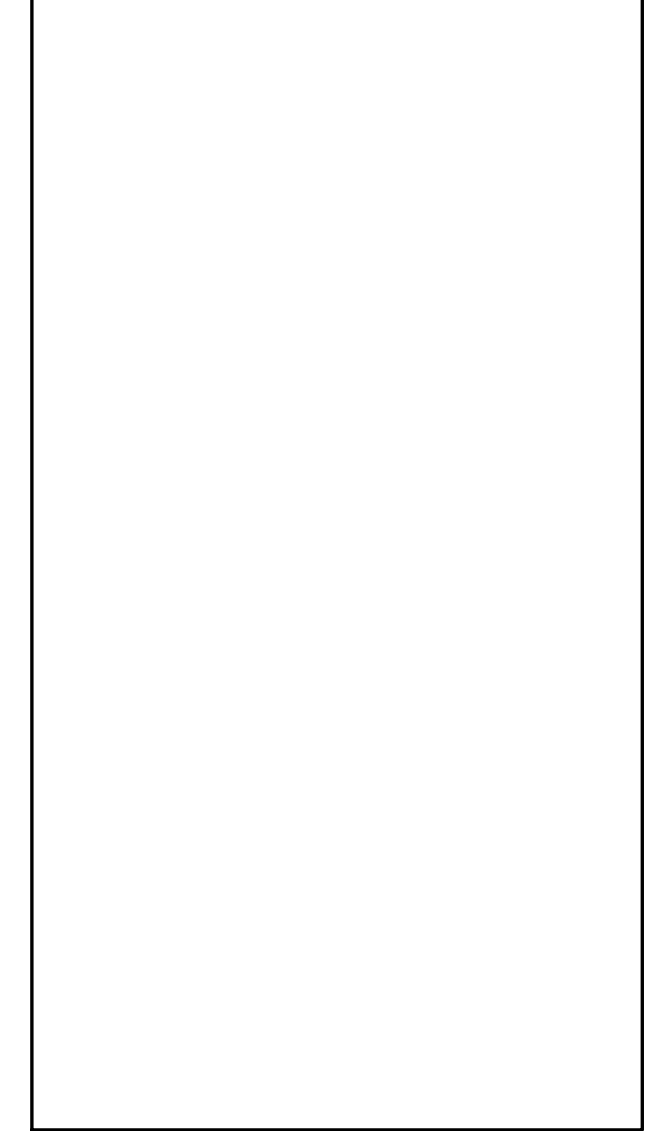
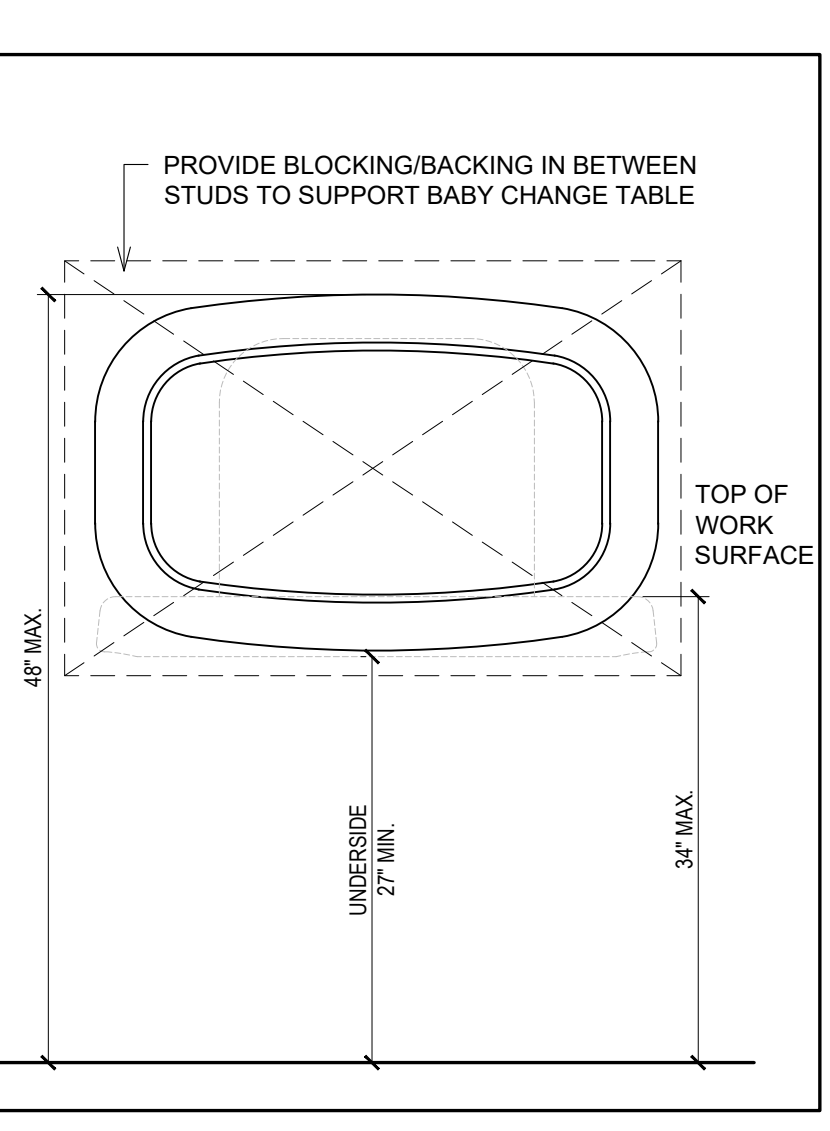
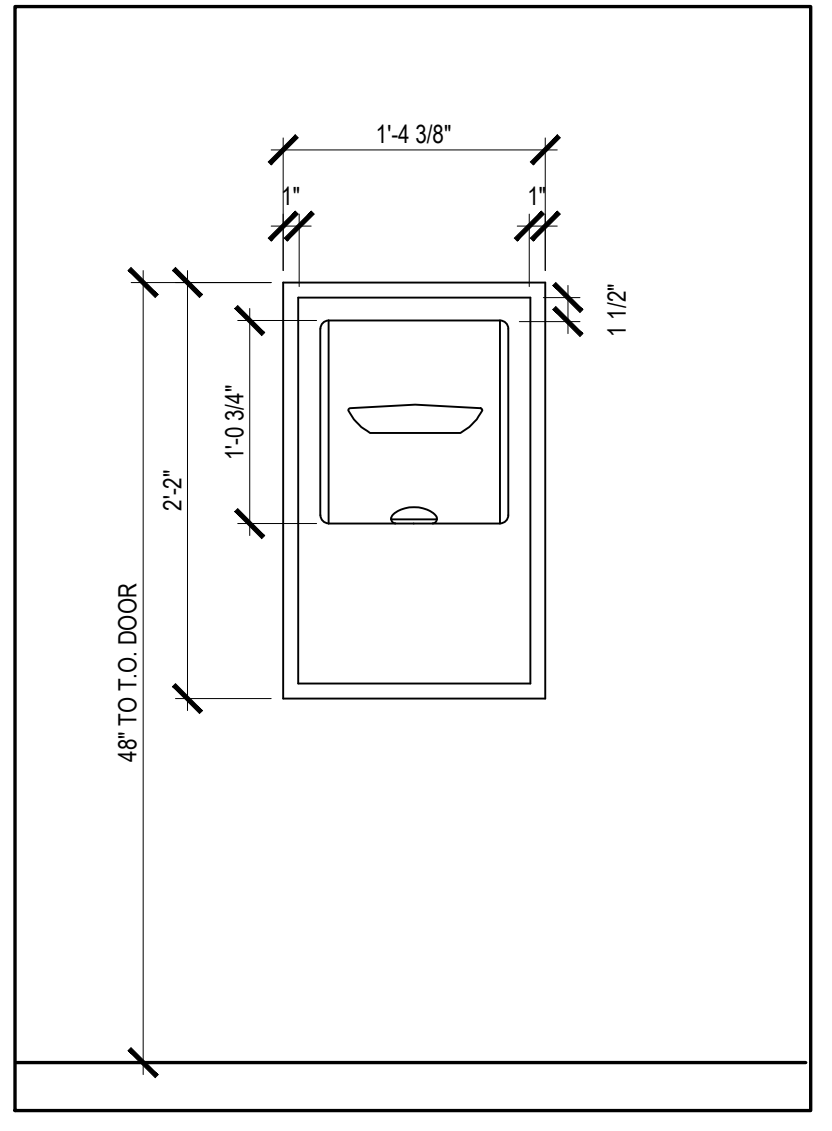
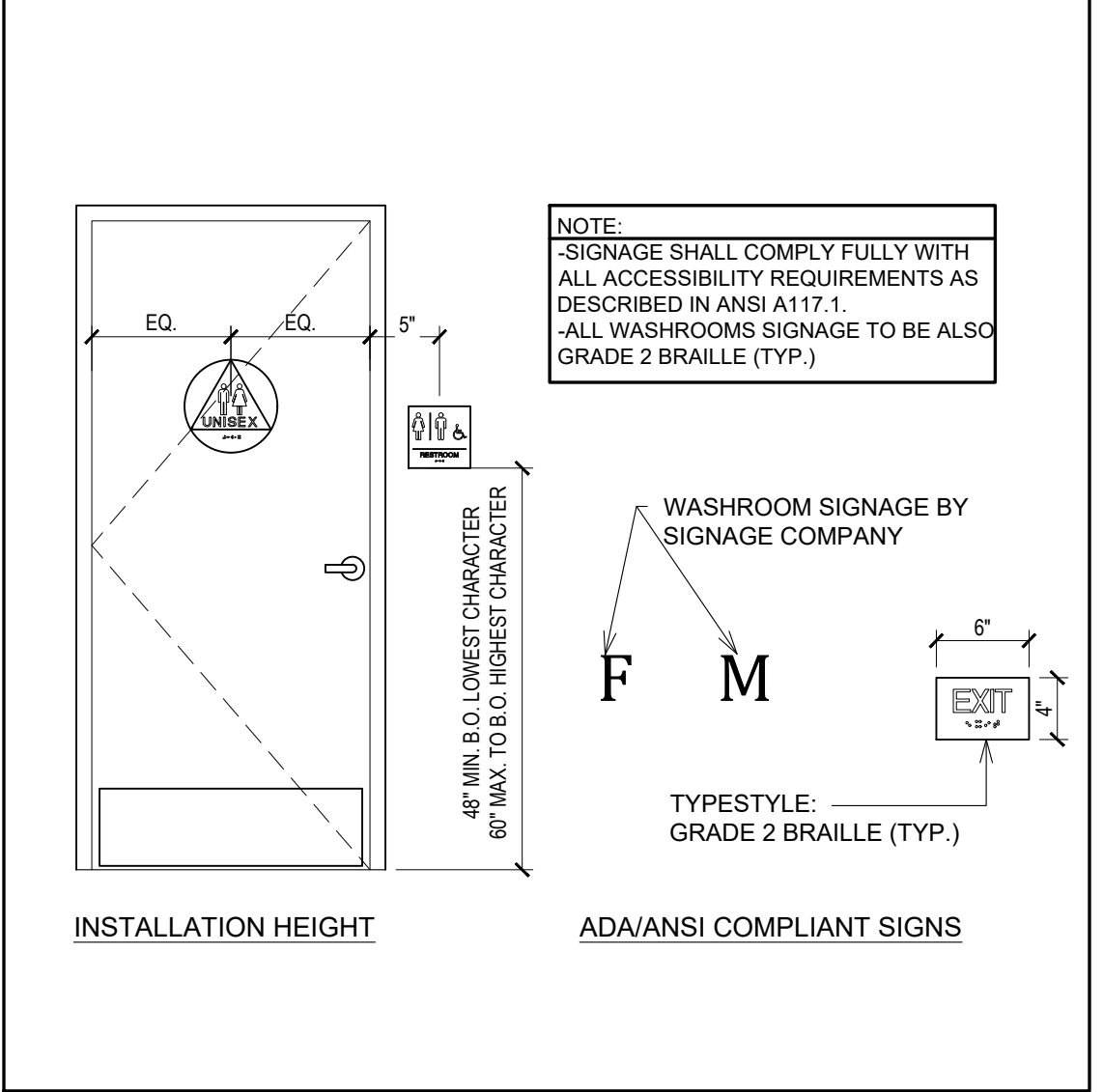
**5 N/A.**  
A9.3



**6 N/A.**  
A9.3



**7 N/A.**  
A9.3



**INTERIOR ELEVATION NOTES**

- MIRROR IN PUBLIC WASHROOMS TO BE 1'-6" x 3'-0". MIRROR TO BE CENTERED ABOVE VANITIES & SURFACE MOUNTED ON WALL FINISH. SEE DRAWING A2 FOR SPECIFICATION. BOTTOM AND ONE OF THE VERTICAL SIDE FRAMES TO BE PRE-DRILLED & SCREWED TO WALL. REMAINDER OF FRAMES AND MIRROR TO BE ADHERED W/ APPROVED MIRROR ADHESIVE OR SILICONE. REFER TO DETAIL 14A9.3.
- WALL TILE FINISH TL-5 AND TL-6 - REFER TO FINISH SCHEDULE ON SHEET A10 FOR TYPE. GC TO BE SUPPLIED AND INSTALLED.
- WALL TILE TL-2 - REFER TO FINISH SCHEDULE ON SHEET A10 FOR TYPE.
- PROVIDE PLYWOOD BACKING IN BETWEEN STUDS TO ACCOMMODATE GRAB BARS. PROVIDE ADEQUATE SIZE. REFER TO DETAIL 12/A9.3.
- N/A.
- PROVIDE ADEQUATE PLYWOOD BACKING IN BETWEEN STUDS AT BABY CHANGE TABLE. REFER TO DETAIL 9/A9.3.
- PROVIDE OPENING IN WALL TO ACCOMMODATE SEMI-RECESSED GARBAGE. REFER TO DETAIL 9/A9.3.
- DOORS & FRAMES. REFER TO FINISH SCHEDULES ON SHEET A10 FOR FINISHES & A11 FOR TYPE.
- VANITY - REFER TO DETAIL 13/A9.3.
- PAINT FINISH - REFER TO TYPICAL WASHROOM ELEVATION ON SHEET A10 FOR TYPE.
- LAVATORY CARRIER - SEE PLUMBING SCHEDULE.
- PROVIDE & INSTALL SCHLUTER STRIP AT TILED CORNERS (INSIDE/ OUTSIDE). REFER TO SHEET A10 FOR SPECS.
- G.C TO PROVIDE AND INSTALL KICK PLATE. REFER TO HARDWARE SCHEDULE ON SHEET A11.

**SYMBOL LEGEND**

1 NOTE REFERENCE REFER TO ELEVATION NOTES

**WASHROOM ACCESSORIES**

TPH -TOILET PAPER HOLDER (R40), BOBRICK B-2890

GB -GRAB BAR (R50), GAMCO 150-S x36"  
-GRAB BAR (R51), GAMCO 150-S x42"  
-GRAB BAR (R52), GAMCO 150-S x18"

M -MIRROR (R20), CHANNEL FRAME 18"x36" - GAMCO C-18x36

SRGB -SEMI-RECESSED GARBAGE BIN (N82) - BOBRICK B-3961

SD -SOAP DISPENSER (R30), SURFACE MOUNT - BOBRICK B-4112

V -VANITY

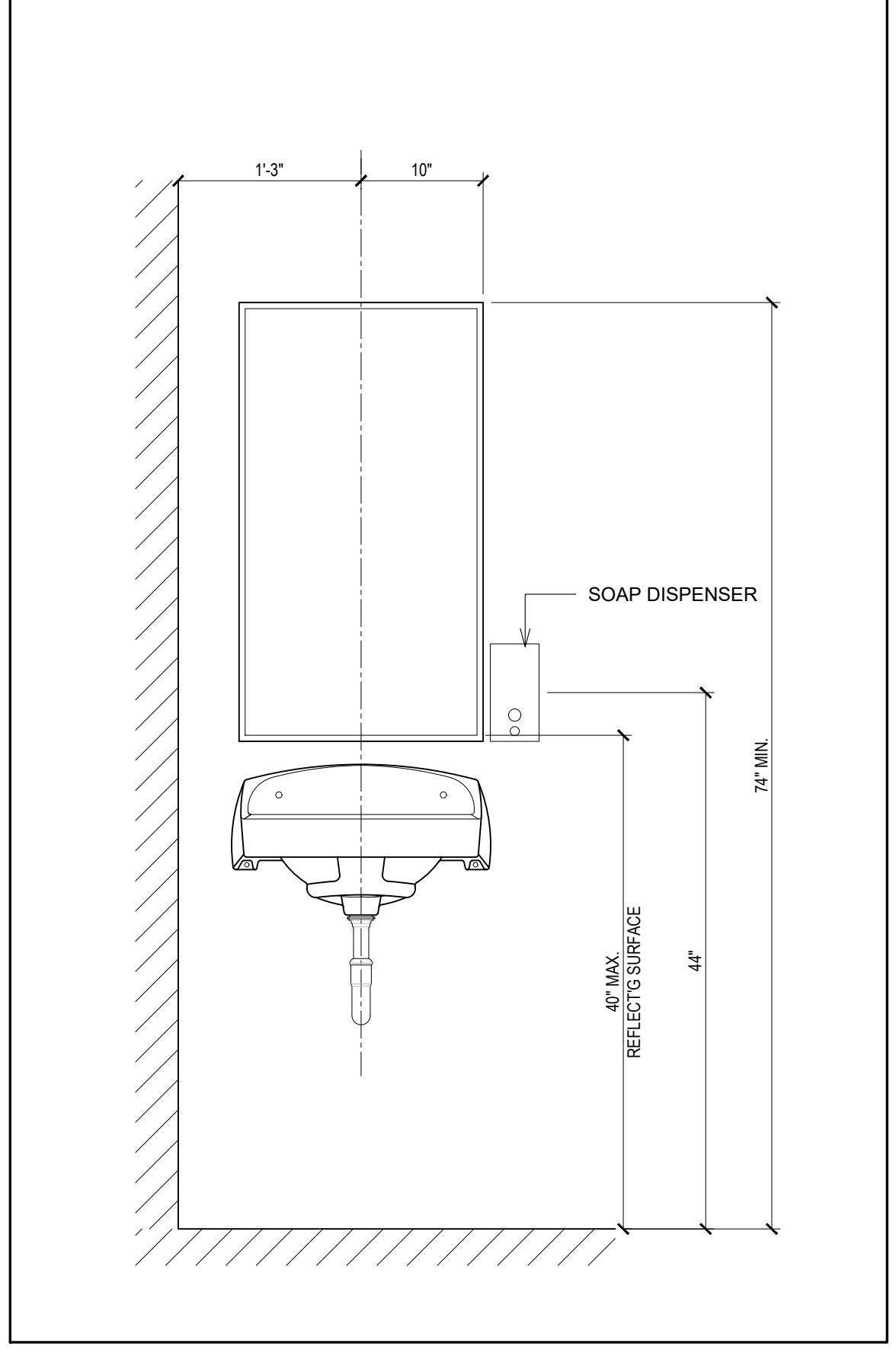
WC -WATER CLOSET

CH -COAT HOOK (R22), HEAVY-DUTY COAT HOOK BOBRICK

SND -SANITARY NAPKIN DISPENSER (R80), SURFACE MOUNT BOBRICK B-270

**NOTES**

- REFER TO TYPICAL ACCESSORIES DETAILS FOR MOUNTING HEIGHTS AND OTHER SPECIFIC DIMENSIONS.
- REFER TO TILE PLAN AND FINISHES SCHEDULE ON SHEET A10 FOR FINISHES.
- G.C SHALL PROVIDE ADDITIONAL SOLID WOOD BLOCKING IN WALL AS NEEDED FOR PROPER INSTALLATION AND STRUCTURAL SUPPORT OF ACCESSORY ITEMS.
- VERIFY ALL PAPER & SOAP PRODUCTS WITH VENDOR.
- THE G.C. SHALL VERIFY WITH THE OWNER THAT THE PAPER AND SOAP SUPPLIER IS AVAILABLE FOR ALL REPLENISHMENT PRIOR TO HEALTH INSPECTION



**NOTES**

- DIMENSIONS SHOWN ARE FROM FINISH FACE OF WALL/FLOOR.
- DIMENSION SHOWN ARE PREFERRED DIMENSIONS AND COMPLY WITH THE REQUIREMENTS OF A.D.A.A.G AND A.N.S.I.-A117.1 G.C SHALL NOT DEVIATE FROM THESE STANDARDS UNLESS NECESSARY TO COMPLY WITH ADDITIONAL STATE OR LOCAL ACCESSIBILITY REQUIREMENTS.
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION
- G.C TO PROVIDE CLEAR CAULKING AT ALL WASHROOM FIXTURES AND TILE INTERSECTIONS.

**ISSUE TABLE**

No.	Date (mm/dd/yyyy)	Description

**REVISIONS**

No.	Date	Description

**DRAWINGS REVISED AS PER DESIGN BULLETIN**

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION"



Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051



Store Type **REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road**  
**Lee's Summit, MO 64063**

Drawing Title  
**WASHROOM DETAILS**

Drawn cdt	Checked KAW
Scale 1/4" = 1'-0"	Date Oct 8, 2024
Project No. 6091-24	Drawing No. A9.3



### DOOR AND FRAME SCHEDULE

DOORS						FRAMES			HARDWARE	REMARKS
NO.	SIZE	R.O. SIZE	TYPE	MAT.	FIN.	TYPE	MAT.	FIN.	SET NO.	
101	EXISTING	EXISTING	A	AL	PT	F1	AL	EXST	02	EXISTING TO REMAIN
101a	EXISTING	EXISTING	A	AL	PT	F1	AL	EXST	02	EXISTING TO REMAIN
103	3'-0" x 6'-8" x 1-3/4"	DOOR WIDTH + 1-1/4" x DOOR HEIGHT + 5/8"	D	SC	--	F2	HM KNOCKDOWN	PT-5	03	UNDERCUT DOOR 5/8". DOORS / FRAMES TO BE PAINTED AS PER POPEYES DECOR PACKAGE. TRANSITION TO OCCUR AT DOOR JAMB
104	3'-0" x 6'-8" x 1-3/4"	DOOR WIDTH + 1-1/4" x DOOR HEIGHT + 5/8"	D	SC	--	F2	HM KNOCKDOWN	PT-5	03	UNDERCUT DOOR 5/8". DOORS / FRAMES TO BE PAINTED AS PER POPEYES DECOR PACKAGE. TRANSITION TO OCCUR AT DOOR JAMB
105	3'-0" x 6'-8" x 1-3/4"	DOOR WIDTH + 1-1/4" x DOOR HEIGHT + 5/8"	C	SC	--	F2	HM KNOCKDOWN	PT-5	04	INSTALL BOTTOM OF VISION LITE AT 4'-0" A.F.F.
106	EXISTING	EXISTING	B	HM	PT	F2	EXST	--	01	

<b>ABBREVIATIONS</b>			GL	GLASS	HMIN	HOLLOW METAL INSULATED	P.LAM	PLASTIC LAMINATE	PT	PAINT
AL	ALUMINUM	SC	SOLID CORE	MILLWK	MILLWORK	PLY	PLYWOOD	WD	WOOD	
EXST	EXISTING TO REMAIN	HM	HOLLOW METAL	P.C.	POWDER COATED	PM	PREFINISHED METAL	●	PROVIDED BY DOOR MANUFACTURER	

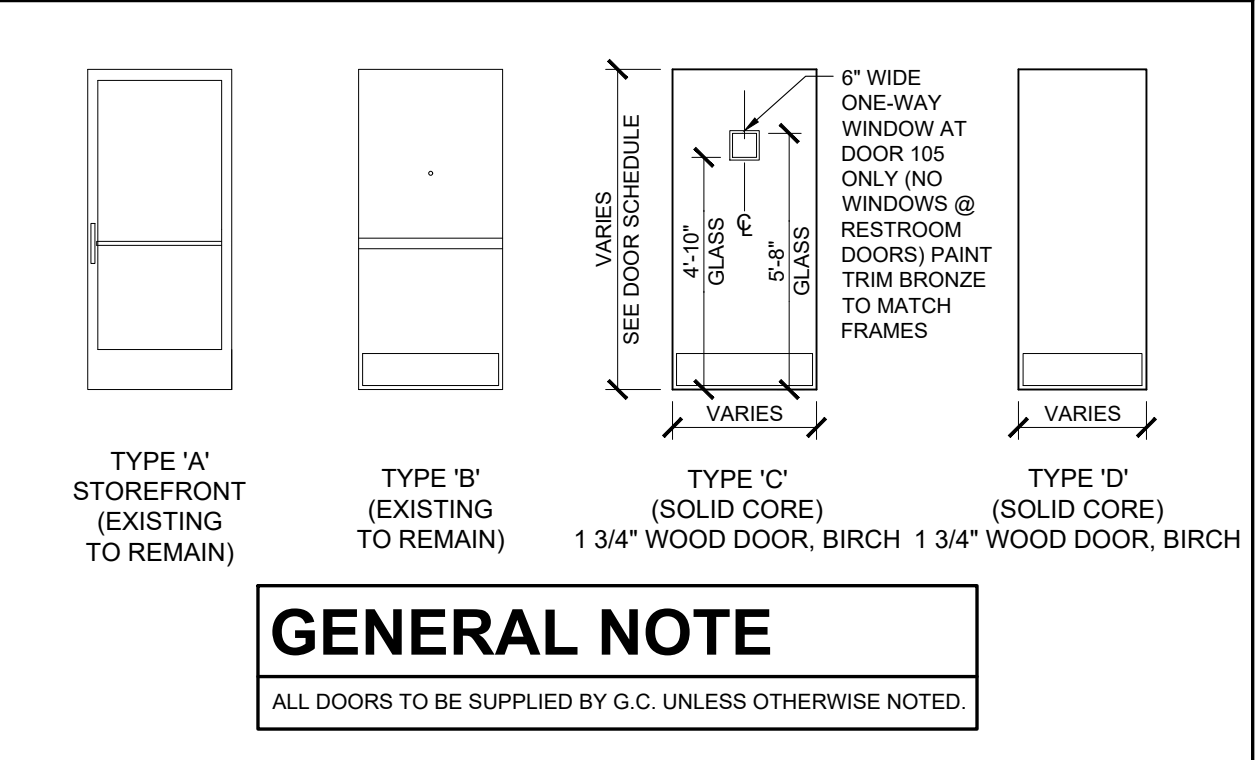
### DOOR HARDWARE SCHEDULE

<b>HARDWARE SET NO. 1:</b>	<b>HARDWARE SET NO. 3:</b>	<b>HARDWARE SET NO. 4:</b>
1-1/2 PR. HINGES 1 EA. LATCHSET W/LOCK 1 EA. FLOOR STOP 1 EA. KICKPLATE 1 EA. COAT HOOK 1 EA. CLOSER	McKINNEY BEARING HINGES 4-1/2" X 4-1/2" US26D SCHLAGE SATURN X US26D BALDWIN #4000 FLOOR MOUNT BURNS 8" X 30" X 8" 16GA. US628 JACKNOB #400 WITH RUBBER BUMPER LCN 1460 ALUMINUM CLOSER	1-1/2 PR. HINGES 1 EA. KICKPLATE 1 EA. LATCHSET W/LOCK 1 EA. 6"x6" VIEWING WINDOW 1 EA. CLOSER
EXISTING HARDWARE TO REMAIN - CONTRACTOR SHALL RE-KEY EXISTING LOCKS		McKINNEY BEARING HINGES 4-1/2" X 4-1/2" US26D BURNS 8" X 30" X 8" 16GA. US26D SCHLAGE SATURN X US26D LCN 1460 ALUMINUM CLOSER
<b>HARDWARE SET NO. 2:</b>	FOLLOWING ITEMS PROVIDED & INSTALLED BY G.C.:	
EXISTING HARDWARE TO REMAIN - CONTRACTOR SHALL RE-KEY EXISTING LOCKS	1 EA. SIGN 1 EA. SIGN	HANDICAP ACCESSIBILITY (ADA) AS REQD: DOOR #103 "MEN" 7" X 2" DOOR #104 "WOMEN" 7" X 2"

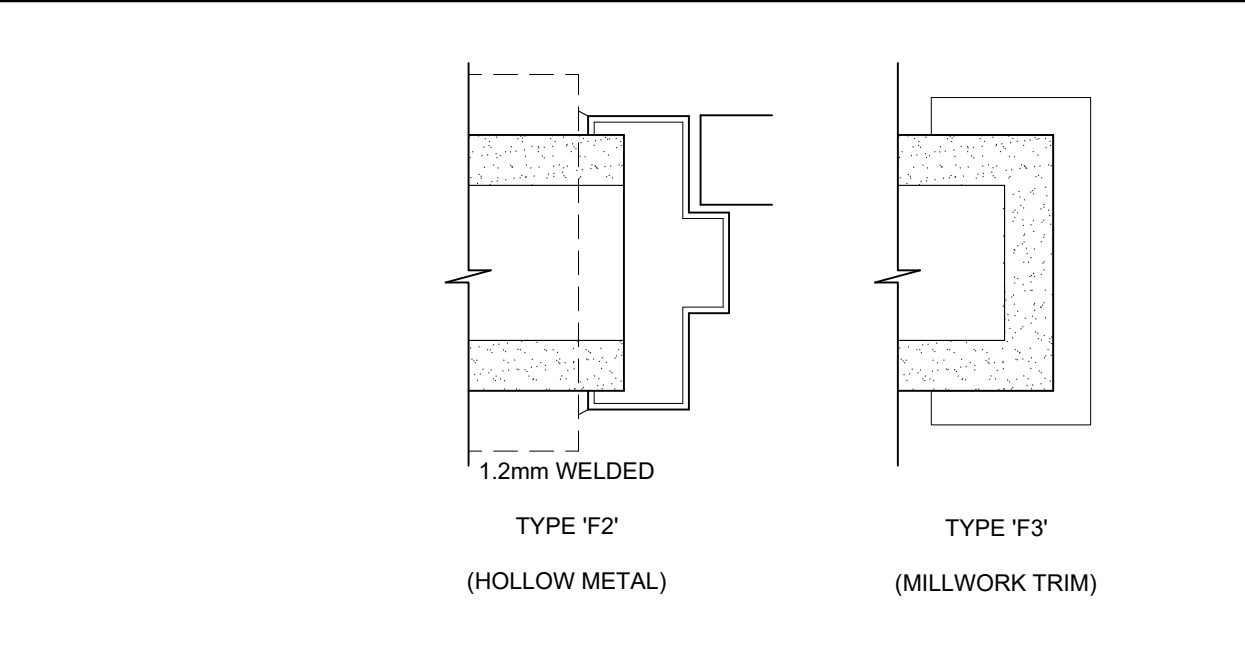
### HARDWARE SCHEDULE NOTES:

- ALL HARDWARE IS NEW UNLESS OTHERWISE NOTED.
- ALL DOOR LOCKSETS / LATCHES SHALL BE "LEVER TYPE" IN COMPLIANCE WITH A.D.A.A.G. SECTION 4.1.3.9).
- ALL DOOR HANDLES, PULLS, LATCHES, LOCKS, AND/OR OTHER OPERATING DEVICES SHALL BE INSTALLED BETWEEN 34" MINIMUM AND 48" MAXIMUM ABOVE FINISHED FLOOR.
- ALL DOOR THRESHOLDS SHALL BE IN 1/2" HIGH MAXIMUM.
- ALL DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES FROM THE LATCH, MEASURED TO THE LEAD EDGE (A.D.A.A.G. 4.13.10).

### DOOR TYPES



### DOOR FRAME TYPES



ISSUE TABLE		
No.	Date (mm/dd/yy)	Description
REVISIONS		
No.	Date	Description
DRAWINGS REVISED AS PER DESIGN BULLETIN		
No.	Date	Description
<p>THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.</p> <p>THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".</p>		
Licensed stamp		
Company Logo		
 <b>WARMAN ARCHITECTURE+DESIGN</b> 1735 SWIFT AVE. NORTH KANSAS CITY, MISSOURI 64116 V. 816.474.2233 F. 816.474.1051		
Project		
 <b>POPEYES</b>		
Store Type		
<b>REMODEL</b> (BASED ON US 2124 PROTOTYPE)		
Location		
440 NW Chipman Road Lee's Summit, MO 64063		
Drawing Title		
<b>DOOR AND WINDOW SCHEDULES</b>		
Drawn	cdt	Checked KAW
Scale	AS NOTED	Date Oct 8, 2024
Project No.	6091-24	Drawing No. A11.0

**PROJECT SPECIFICATIONS**

**DIVISION 01 - GENERAL REQUIREMENTS**

GENERAL REQUIREMENTS SECTION 01 01 00  
**DIVISION 02 - EXISTING CONDITIONS (NOT INCLUDED)**  
**DIVISION 03 - CONCRETE**  
 REINFORCED CONCRETE SECTION 03 30 00

**DIVISION 04 - MASONRY**

UNIT MASONRY SECTION 04 20 00

**DIVISION 05 - METALS**

DECORATIVE METAL FINISH SECTION 05 73 00

**DIVISION 06 - WOOD, PLASTICS AND COMPOSITES**

ROUGH CARPENTRY SECTION 06 10 00  
 SHAKING SECTION 06 16 00  
 SHOP FABRICATED WOOD TRUSSES SECTION 06 17 00  
 FINISH CARPENTRY SECTION 06 20 00

**DIVISION 07 - THERMAL AND MOISTURE PROTECTION**

THERMAL INSULATION SECTION 07 21 00  
 EXTERIOR INSULATION AND FINISH SYSTEMS SECTION 07 24 00  
 FLUID APPLIED MEMBRANE SECTION 07 46 16  
 AIR BARRIER SECTION 07 47 26  
 EXTRUDED ALUMINUM SIDING SECTION 07 50 00  
 MEMBRANE ROOFING SECTION 07 52 00  
 SHEET METAL FLASHING AND THEATRE SECTION 07 58 00  
 GUTTERS AND DOWNSPOUTS SECTION 07 61 00  
 PRESTRESSING SECTION 07 84 00  
 JOINT SEALANTS SECTION 07 92 00

**DIVISION 08 - OPENINGS**

METAL DOORS AND FRAMES SECTION 08 11 00  
 ALUMINUM ENTRANCES AND STOREFRONT WINDOWS SECTION 08 41 10  
 PASS-THRU WINDOWS SECTION 08 56 10  
 DOOR HIGHLIGHTS SECTION 08 70 00  
 GLAZING SECTION 08 70 00

**DIVISION 09 - FINISHES**

CYPSUM BOARD ASSEMBLIES SECTION 09 21 00  
 CERAMIC TILING SECTION 09 30 10  
 ACUSTIC TILE CEILINGS SECTION 09 51 20  
 FIBERGLASS REINFORCED PANELS SECTION 09 77 00  
 PAINTING SECTION 09 91 00

**DIVISION 10 - SPECIALTIES**

SIGNAGE SECTION 10 14 20  
 WALL PROTECTION SECTION 10 26 00  
 TOILET ACCESSORIES SECTION 10 28 00  
 FIRE PROTECTION SECTION 10 44 00  
 SPECIALTIES SECTION 10 44 00

**DIVISION 12 - WINDOW TREATMENTS**

ROLL-DOWN BLINDS SECTION 12 21 20

**DIVISION 22 - PLUMBING**

SEE MECHANICAL DRAWINGS

**DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING (HVAC)**

SEE MECHANICAL DRAWINGS

**DIVISION 26 - ELECTRICAL**

SEE ELECTRICAL DRAWINGS

**APPROVED SUPPLIERS LIST**

**BIDDING REQUIREMENTS; INSTRUCTIONS TO BIDDERS**

EXAMINATION OF SITE  
 ALL BIDDERS SUBMITTING PROPOSALS FOR THIS WORK SHALL FIRST EXAMINE THE SITE (PREMISES) AND ALL SUCH CONDITIONS AS MAY AFFECT THE WORK UNDER THIS CONTRACT. FAILURE TO EXAMINE THE SITE WILL NOT RELIEVE THE SUCCESSFUL BIDDER FROM THE NECESSITY OF THE WORK THAT MAY BE REQUIRED TO COMPLETE THE WORK WITHOUT ADDITIONAL COST TO THE OWNER.  
 NO ORAL EXPLANATION IN REGARD TO THE MEANING OF THE DRAWINGS AND SPECIFICATIONS WILL BE MADE. ALL ORAL INSTRUCTIONS WILL BE GIVEN BEFORE THE AWARD OF THE CONTRACT. CONCERN, OMISSIONS, OR DOUBTS AS TO MEANING OF THE DRAWINGS AND SPECIFICATIONS SHALL BE COMMUNICATED IN WRITING TO THE OWNER FOR INTERPRETATION. IN THE EVENT OF UNSOLVED DISCREPANCIES OR AMBIGUITY, ARCHITECT OF RECORD WILL BE THE FINAL JUDGE ON PLAN INTERPRETATION. BIDDERS SHOULD ACT PROMPTLY AND ALLOW SUFFICIENT TIME FOR A REPLY. TELEPHONE REPORTS MUST BE FOLLOWED UP WITHIN FOUR (4) HOURS. ANY REVISION MADE WILL BE IN THE APPROVAL OF THE OWNER AND WILL BE FORWARDED TO ALL ADDRESSES AND INDICATED BY THE ARCHITECT. ANY REVISIONS NOT ACKNOWLEDGED BY THE BIDDER BY HIS SIGNATURE AFFIXED HERETO AT THE TIME OF RECEIPT REFERRED BY HIS ACKNOWLEDGMENT ON THE BID FORM.  
 EACH PROPOSED BIDDER WILL BE FURNISHED BIDDING DOCUMENTS TO COMPLETE THE BID.  
 PREPARATION & SUBMISSION OF BIDS  
 1. THE BIDDER IS REQUIRED TO BID ON ALL ALTERNATES AND/OR ALLOWANCES OR ON ALL ITEMS CALLED FOR IN THE BID FORM, EXCEPT WHEN ALTERNATES ARE CALLED FOR ON A TYPE OR METHOD OF CONSTRUCTION AS TO WHICH BIDDER DOES NOT DESIRE TO BID, HE MAY INSERT THE WORDS "NO BID" IN THE SPACE PROVIDED FOR PRICES ON SUCH ALTERNATE TYPE OR METHOD OF CONSTRUCTION.  
 2. BIDS SHALL BE SUBMITTED ON THE FORMS FURNISHED AND SHALL BE SIGNED IN INK. ERASERS OR OTHER CHANGES IN A BID MUST BE EXPLAINED OR NOTED OVER THE SIGNATURE OF THE BIDDER.  
 3. BIDS CONTAINING ANY CONDITIONS, OMISSIONS, UNRESOLVED ERASERS OR ALTERNATES, OR ITEMS NOT CALLED FOR IN THE PROPOSAL, OR IRREGULARITIES OF ANY KIND, MAY BE REJECTED BY THE OWNER AS BEING INCOMPLETE.  
 BID ANALYSIS  
 BIDS SHALL BE ACCOMPANIED BY ONE (1) SIGNED COPY OF POPEYES' "GENERAL CONDITIONS" FORM AS INDICATED ON THE FORM.  
 INDIVIDUAL LINE ITEMS ARE TO BE SHOWN AT THE GENERAL CONTRACTOR'S COST WITHIN EACH BID.  
 THE GENERAL CONTRACTOR, HOWEVER, EACH LINE ITEM SHOULD INDICATE THE FULL VALUE OF THE WORK, INCLUDING SUBCONTRACTORS OVERHEAD AND PROFIT. SUPERVISION, OVERHEAD, AND PROFIT FOR THE GENERAL CONTRACTORS WORK SHALL BE SHOWN ON THE APPROPRIATE LINES.  
 AWARD OF CONTRACT  
 THE OWNER RESERVES THE RIGHT TO DETERMINE WHAT ARE INFORMALITIES IN THE MAKING, RECEIVING, AND OPENING OF BIDS AND THE AWARDS OF CONTRACTS THEREOF. THE OWNER SHALL NOT BE BOUND TO MAKE ANY SUCH INFORMALITY WHEN SUCH WAIVER IS, IN THE DISCRETION OF THE OWNER, IN THE INTEREST OF THE PROJECT TO ACCEPT ANY ITEM IN THE BID UNLESS OTHERWISE SPECIFIED.  
 REJECTION OF BIDS  
 THE OWNER RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS.  
 STANDARD FORMS:  
 1. AIA DOCUMENT A305 - CONTRACTORS QUALIFICATIONS STATEMENT  
 2. AIA DOCUMENT 0701 - CHANGE ORDER  
 3. AIA DOCUMENT 0702 - APPLICATION AND CERTIFICATE OF PAYMENT  
 4. AIA DOCUMENT 0703 - CONTINUATION SHEET (ONE (1) OR MORE SHEETS AS REQUIRED). THIS DOCUMENT SHALL BE PREPARED AND SUMMARIZED ON DOCUMENTS 0702. IT PROVIDES A PROJECT BREAKDOWN AND DISCLOSES THE NAME OF THE COMPANY PROVIDING LABOR AND MATERIALS. WHEN LABOR IS PAID BY THE CONTRACTOR DIRECTLY TO INDIVIDUAL WORKERS, IT SHOULD BE IDENTIFIED AS "C. LABOR". THIS DOES NOT INCLUDE ANY LABOR PAID TO A THIRD PARTY. MATERIALS TAKEN FROM THE CONTRACTOR'S INVENTORY SHOULD BE LISTED AS "C. MATERIALS". THIS SHOULD NOT INCLUDE MATERIALS DELIVERED DIRECTLY TO THE JOB SITE OR IDENTIFIED IN ANY WAY THE SUPPLIER WITH AFCE. CONTRACTORS OVERHEAD AND PROFIT SHALL BE SHOWN AS A SEPARATE LINE ITEM.  
 5. CERTIFICATE OF SUBSTANTIAL COMPLETION, AIA DOCUMENT A704  
 6. CERTIFICATE OF INSURANCE, AIA DOCUMENT 0706  
 7. AIA DOCUMENT 0709 - CHANGE ORDER AUTHORIZATION FORM OF DEBITS AND CLAIMS. IN THIS DOCUMENT, THE CONTRACTOR SWEARS THAT ALL SUBCONTRACTORS AND MATERIALMEN HAVE BEEN PAID AND THAT WAIVERS OF LIENS, HIS OWN INCLUDED, ARE ATTACHED.  
 8. AIA DOCUMENT 0805 - LIST OF SUBCONTRACTORS  
 9. AIA DOCUMENT 0713 - CHANGE ORDER AUTHORIZATION FORM  
 10. CONSENT OF SURETY (SURETY CONTRACTORS FORM)  
 11. PARTIAL WAIVER OF LIEN FORM. IN THIS FORM, THE CONTRACTOR, SUBCONTRACTORS AND MATERIALMEN WAIVE THEIR RIGHT TO FILE A LIEN FOR WORK PERFORMED TO DATE. THIS DOCUMENT IS ACCEPTABLE FOR INTERIM CERTIFICATES OF PAYMENT.  
 12. PARTIAL WAIVER OF LIEN FORM. IN THIS FORM, THE CONTRACTOR, SUBCONTRACTORS AND MATERIALMEN WAIVE THEIR RIGHT TO FILE A LIEN FUTURE.  
 13. CONTRACTORS AFFIDAVIT OF DISCLOSURE OF DEBITS AND CLAIMS. IN THIS DOCUMENT, THE CONTRACTOR SWEARS THAT ALL DEBITS AND CLAIMS ARE DISCLOSED. IT SUMMARIZES THE CURRENT AMOUNT DUE EACH FIRM (CONTRACTOR, SUBCONTRACTOR, OR MATERIALMAN LISTED ON 0703). IT ALSO PROVIDES THE ADDRESS, PHONE NUMBER, AND REPRESENTATIVE OF EACH FIRM.  
 CONTRACT FORMS  
 1. THE CONTRACT FOR CONSTRUCTION SHALL BE POPEYES' LOUISIANA KITCHEN, INC. STANDARD CONTRACT AGREEMENT FOR ALL CONSTRUCTION.

2. ARTICLE 11.3 PROPERTY INSURANCE OF SAID "GENERAL CONDITIONS" IS HEREBY AMENDED AND MODIFIED AS FOLLOWS:  
 INSURANCE FOR PROJECTS WHERE AFCE ENTERPRISES IS THE OWNER, THE CONTRACTOR SHALL PROVIDE THE BUILDERS RISK INSURANCE.  
 THE INSURANCE SHALL BE IN AN AMOUNT EQUAL TO THE TOTAL AMOUNT OF THE CONTRACT, LESS THE LIABILITY OF THE SITE WORK. INSURANCE WILL BE ON ALL RISK BASIS (MINIMUM \$5,000,000 DEDUCTIBLE. THE \$5,000,000 DEDUCTIBLE WILL BE PAID BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TOTAL AMOUNT OF LOSSES OF ALL BUILDING MATERIAL, TOOLS AND EQUIPMENT IN HIS POSSESSION AND NOT PERMANENTLY AFFIXED TO THE BUILDING OR SITE.  
 BUILDERS' RISK INSURANCE CERTIFICATES WILL BE FURNISHED UPON REQUEST BY AFCE. CONTRACTORS WILL BE SENT DIRECTLY TO AFCE'S CONSTRUCTION COORDINATOR.  
 CLAIMS FOR DAMAGES MUST BE REPORTED TO AFCE'S INSURANCE DEPARTMENT, IMMEDIATELY BY TELEPHONE (404) 391-9100. TELEPHONE REPORTS MUST BE FOLLOWED UP WITHIN 72 HOURS. FIRST COPY TO AFCE'S INSURANCE DEPARTMENT, 5550 BLENHEIM CONNECTOR, SUITE 300, ATLANTA, GA 30340, AND SEND THE COPY TO AFCE'S CONSTRUCTION DEPARTMENT (SAME ADDRESS). THE CONTRACTOR SHALL RETAIN THE THIRD COPY. FOR HIS FILES. BLANK FORMS ARE AVAILABLE FROM AFCE'S INSURANCE DEPT.  
 ARTICLE 7 - CHANGES IN THE WORK  
 1. ARTICLE 7.2 CHANGES ORDERS OF SAID "GENERAL CONDITION" SUBPARAGRAPH 7.2.1 IS HEREBY EXTENDED AS FOLLOWS:  
 2. IN CONSIDERING PROPOSALS FOR CHANGES INVOLVING DESIGN, CONSTRUCTION, WORK, OR ANY COMBINATION OF THE TWO, CHECKING OF ESTIMATES WILL BE MADE BY THE OWNER.  
 3. WITH EACH PROPOSAL FOR A CHANGE IN WORK, THERE SHALL BE A DECREASE IN THE AMOUNT OF THE CONTRACT.  
 4. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING REFUSE REMOVAL FOR DURATION OF PROJECT.  
 5. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING ROOF OF ALL DEBRIS AT THE END OF CONSTRUCTION.  
 6. THE CONTRACTOR SHALL KEEP THE SITE CLEAN AND ORDERLY. CLEAN THE BUILDING AND SITE AT THE END OF EACH DAY DURING THE CONSTRUCTION PERIOD.  
 13. CONSTRUCTION STANDARDS  
 A. CONSTRUCTION WORK TO EQUAL OR EXCEED MINIMUM STANDARDS SPECIFIED FOR MATERIALS, INSTALLATION METHODS, WORKMANSHIP AND CONSTRUCTION IN PART 3 OF THE BUILDING CODE, LATEST EDITION, EXCEPT WHERE ADDITIONAL WORKER REQUIREMENTS ARE IMPOSED BY REFERENCE TO OTHER PARTS OF THE NATIONAL BUILDING CODE, BY PROVISIONAL CODES, BY LOCAL JURISDICTIONAL AUTHORITIES, OR BY THE DRAWINGS, SPECIFICATIONS, SPECIFIED PERFORMANCE STANDARDS, AND OTHER INSTRUCTIONS INCLUDED WITH, OR ISSUED IN RELATION TO, THE CONTRACT DOCUMENTS FOR THE PROJECT.  
 14. GENERAL CONTRACTOR  
 A. GENERAL CONTRACTOR TO COORDINATE AND OBTAIN ALL REQUIRED INSPECTION CERTIFICATES AND DELIVER TO THE OWNER A FINAL OCCUPANCY PERMIT.  
 B. GENERAL CONTRACTOR TO OBTAIN ALL REQUIRED SURVEYS TO MEET BUILDING LAYOUT AND BUILDING PERMIT REQUIREMENTS.  
 C. GENERAL CONTRACTOR TO OBTAIN A REGISTERED SURVEY FOR THE BUILDING AND SITE PRIOR TO RELEASE OF FINAL PAYMENT AS NOTED IN THE INSTRUCTION TO BIDDERS.  
 15. SECURITY  
 A. GENERAL CONTRACTOR TO BE RESPONSIBLE FOR SECURITY OF ALL AREAS AFFECTED BY WORK OF THIS CONTRACT WITHIN TAKEN OVER BY THE POPEYES, TO TAKE STEPS TO PREVENT ENTRY TO THE WORK BY UNAUTHORIZED PERSONS AND GUARD AGAINST THEFT, FIRE AND DAMAGE BY ANY CAUSE.  
 B. GENERAL CONTRACTOR RESPONSIBLE FOR THE PREVENTION OF VANDALISM AND THEFT OF ALL TOOLS, EQUIPMENT, MATERIALS AND OWNERS CONTENTS.  
 16. SAFETY  
 A. BE GOVERNED BY PERTINENT SAFETY REQUIREMENTS OF FEDERAL, PROVINCIAL OR MUNICIPAL BOOER HAVING AUTHORITY, PARTICULARLY THE CONTRACTOR SAFETY ACT, THE OCCUPATIONAL HEALTH AND SAFETY ACT, AND WORK IN CONJUNCTION WITH THE PROPER SAFETY ASSOCIATIONS OPERATING UNDER THE AUTHORITY OF EACH JURISDICTION.  
 B. PROTECT OWNER, OWNERS EMPLOYEES, THE PUBLIC AND THOSE EMPLOYED ON THE WORK PROBABLY NEARBY AND TO PROTECT ADJACENT PUBLIC, PRIVATE AND OWNERS PROPERTY FROM DAMAGE.  
 C. FURNISH AND MAINTAIN PROTECTION, SUCH AS WARNING SIGNS, TAPRALLS, GUARD RAILS, BARRIERS, NIGHT LIGHTS, BARRIERS AROUND SHAFES, PIT AND STAIRWELLS, ETC. AS REQUIRED. REMOVE TEMPORARY PROTECTIVE MEASURES WHEN NO LONGER REQUIRED.  
 17. SHOP DRAWINGS  
 A. SUBMIT SHOP DRAWINGS FOR ALL NON-SPECIFIED MATERIALS AND PRODUCTS IN CONFORMANCE WITH INDUSTRY STANDARDS.  
 B. REFER TO DIVISION AND SECTIONS OF THE SPECIFICATION FOR WORK REQUIRING SHOP DRAWING SUBMISSION. SUCH WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: ROOF JOISTS, ROOFING MATERIAL, LIST DOORS AND FRAMES, WINDOW, ELECTRICAL, FINISH AND CABLING.  
 18. SHOP DRAWINGS  
 A. THE CONTRACTOR TO PROVIDE AS-BUILT DRAWINGS AND MAINTENANCE MANUALS AS DETAILED IN THE INSTRUCTION TO BIDDERS.

GENERAL CONDITIONS  
 A. THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" STANDARD FORM OF THE AMERICAN INSTITUTE OF ARCHITECTS, FORM A-201, LATEST EDITION, ARE HEREBY EXCEPT AS THE SAME MAY BE INCONSISTENT HERETO, MAKE A PART OF THIS SPECIFICATION. COPIES ARE TO BE OBTAINED AND ARE INCORPORATED BY REFERENCE AND HEREBY MADE A PART OF THE CONTRACT.  
 B. WHERE ANY ARTICLE OF THE AIA "GENERAL CONDITIONS" IS SUPPLEMENTED HEREBY THE AIA PROVISION OF SUCH ARTICLE SHALL REMAIN IN EFFECT. ALL THE SUPPLEMENTARY CONDITIONS SHALL BE CONSIDERED AS IF ADDED HERETO, WHERE ANY PORTION OF SUCH ARTICLE IS AMENDED, VOICED OR SUPERSEDED THEREBY. THE PROVISIONS OF SUCH ARTICLE NOT SO SPECIFICALLY AMENDED, VOICED, OR SUPERSEDED SHALL REMAIN IN EFFECT.  
 C. THE GENERAL CONDITION SUPPLEMENTARY CONDITIONS AND APPLICABLE PORTIONS OF DIVISION OF THE SPECIFICATIONS APPLY TO ANY AND ALL SUBSEQUENT SECTIONS OF THESE SPECIFICATIONS.  
 D. WHERE ANY ARTICLE OR PORTION OF AN ARTICLE CONFLICTS WITH THE LAWS OF THE STATE OF THE LOCATION OF THE PROJECT, SUCH ARTICLE OR PORTION OF THE ARTICLE IS HEREBY STRUCK.  
 E. "CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE 1990 AMERICANS WITH DISABILITIES ACT (ADIFC PART 1030), TITLE II AND THE REGULATIONS PROMULGATED IN ACCORDANCE THEREIN. CONTRACTOR SHALL INDEMNIFY AND HOLD OWNER AND ARCHITECT HARMLESS FROM ANY AND ALL COSTS, SUITS, CLAIMS, COSTS, EXPENSES AND OTHER DAMAGES WHICH MAY BE INCURRED BY OWNER/ARCHITECT AS A RESULT OF CONTRACTORS FAILURE TO COMPLY WITH SAID ACT."  
 ARTICLE 14  
 1. ARTICLE 14 LABOR AND MATERIALS OF SAID "GENERAL CONDITION" PARAGRAPH 14.1 IS HEREBY AMENDED AS FOLLOWS:  
 "ALL CONTRACTORS AND SUBCONTRACTORS EMPLOYED UPON THE WORK SHALL BE REQUIRED TO COMPLY WITH THE FEDERAL, STATE, AND LOCAL LABOR LAWS AND VARIOUS ACTS AMENDATORY AND SUPPLEMENTARY THERETO, AND TO ALL OTHER LAWS, ORDINANCES, AND LEGAL REQUIREMENTS APPLICABLE THERETO."  
 B. ARTICLE 16 TAXES OF SAID "GENERAL CONDITIONS" PARAGRAPH 16.1 IS HEREBY AMENDED AND SUPPLEMENTED AS FOLLOWS:  
 "THE CONTRACTOR SHALL PAY FOR ALL TAXES NECESSARY FOR THE PROPER DESIGN AND COMPLETION OF THE WORK, BOTH TEMPORARY AND PERMANENT."  
 ARTICLE 17 PERMITS, FEES AND NOTICES OF SAID "GENERAL CONDITIONS" PARAGRAPH 17.3 IS SETLE IN ITS ENTIRETY AND SUBSTITUTE IN LEU THEREOF AS FOLLOWS:  
 THE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE OWNER ANY CONFLICTS, OMISSIONS, DELETIONS, OR ERRORS IN THE DRAWINGS AND/OR SPECIFICATIONS WHICH DO NOT CONFORM TO APPLICABLE ZONING, CODE AND OTHER USE REGULATIONS AND/OR TO THE AMERICANS WITH DISABILITIES ACT AND REGULATIONS PROMULGATED THEREUNDER. THE CONTRACTOR SHALL NOT BE LIABLE TO THE OWNER OR ARCHITECT FOR ANY DAMAGES RESULTING FROM ANY SUCH ERRORS EXCEPT THAT CONTRACT SHALL BE FULLY AND EXCLUSIVELY LIABLE UPON FAILURE TO PUT ARCHITECT ON NOTICE OF SAID CONFLICTS, OMISSIONS, DELETIONS, OR ERRORS.  
 D. EXCESS LIABILITY LIABILITY. PARAGRAPH 15.1 IS HEREBY AMENDED AND ADDED AS FOLLOWS:  
 HE SHALL REMOVE FROM THE JOB SITE ALL CRATES, PACKING, DEBRIS, ETC. FROM KITCHEN EQUIPMENT. HE SHALL BROOD CLEAN THE PROJECT. THE CONTRACTOR SHALL LEAVE THE BUILDING CLEANED MUST FREE FROM ALL BROKEN GLASS, REMOVED STAINS, SPOTS, MARKS AND DIRT FROM DECORATED WORK, CLEAN HARDWARE, REMOVE SPOTS FROM ALL SURFACES, CLEAN FIXTURES, AND WASH ALL TILE FLOORS."  
 ARTICLE 11 - INSURANCE  
 4. ARTICLE 11.1 CONTRACTORS LIABILITY INSURANCE OF SAID "GENERAL CONDITIONS" IS HEREBY MODIFIED AS FOLLOWS:  
 INSURANCE: COMPREHENSIVE AUTOMOBILE LIABILITY CERTIFICATES OF INSURANCE FROM CARRIERS APPROVED BY THE OWNER SHALL BE FILED WITH THE BID. LESS THAN \$5,000,000 AMOUNTS OR GREATER AMOUNTS AS REQUIRED BY LAW PRIOR TO COMMENCEMENT OF THE WORK.  
 1. WORKMENS COMPENSATION AS REQUIRED BY LAW IN APPLICABLE STATE  
 2. COMPREHENSIVE GENERAL LIABILITY (A) \$1,000,000 PER OCCURRENCE COMBINED-SINGLE LIMIT (B) \$2,000,000 AGGREGATE  
 3. OWNED AND NON-OWNED AUTOMOBILE LIABILITY: \$500,000 PER OCCURRENCE  
 4. EXCESS LIABILITY LIABILITY: \$2,000,000 PER OCCURRENCE  
 ALL INSURANCE POLICIES AND CERTIFICATES FOR WORK PERFORMED FOR AFCE SHALL SHOW THE OWNER AS AN ADDITIONAL NAMED INSURED PARTY. THEY MUST ALSO STATE THAT THE COVERAGE AFFORDED UNDER THE POLICIES SHALL NOT BE CANCELLED WITHOUT THIRTY (30) DAYS PRIOR NOTICE IN WRITING. THE CONTRACTOR SHALL RETURN RECEIPT OF A REGISTERED LETTER AND BE IN FULL FORCE FOR 3 YEARS FOLLOWING COMPLETION OR TERMINATION OR TERMINATION OF THIS CONTRACT.

**DIVISION 01 - GENERAL REQUIREMENTS**

WORK OF CONTRACT SECTION 01 01 00  
 SECTION 02: EARTHWORK  
 GENERAL PROVISIONS  
 11. CONTRACT DOCUMENTS  
 A. THE CONSTRUCTION CONTRACT DOCUMENT WILL BE PREPARED BY POPEYES A COPY MAY NOT BE SOUD WITH THESE DOCUMENTS.  
 B. THE STANDARD FORM OF GENERAL CONDITIONS OF THE STIPULATED PRICE CONTRACT CDDC-2, 2008, AND SUPPLEMENTARY CONDITIONS THERETO FORM AN INTEGRAL PART OF THE SPECIFICATIONS.  
 C. REFORM ALL WORK DESCRIBED IN THE CONTRACT DOCUMENTS UNDER ONE CONTRACT.  
 D. AN EXCEPTED CDDC CONTRACT WILL BE REQUIRED BEFORE APPLICATION OF PERMIT.  
 12. CONTRACT WORK  
 A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INCLUSION OF ALL WORK REQUIRED FOR COMPLETION OF THE PROJECT AND SHALL COORDINATE THE WORK OF HIS SUBCONTRACTORS SO THAT IT IS ACCOMPLISHED.  
 B. THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS AND SPECIFICATIONS AND REPORT AND DISCREPANCIES TO THE OWNER PRIOR TO SUBMITTING TENDER.  
 C. THE CONTRACTOR IS RESPONSIBLE FOR CO-ORDINATION OF A FULL SUB-TRADE AS OUTLINED IN INSTRUCTIONS TO BIDDERS.  
 D. THE CONTRACTOR SHALL OFF-LOAD KITCHEN EQUIPMENT SUPPLIED BY STORE FUTURE COMPANY AND POPEYES 1.  
 E. THE CONTRACTOR IS TO CLEAN THE SITE AND BUILDING BEFORE THE STORE FUTURE COMPANY AND POPEYES EQUIPMENT DELIVERY.  
 F. CONTRACTOR AND SUB-TRADES TO BE ON SITE AT ALL TIMES DURING EQUIPMENT INSTALLATION.  
 G. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING REFUSE REMOVAL FOR DURATION OF PROJECT.  
 H. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING ROOF OF ALL DEBRIS AT THE END OF CONSTRUCTION.  
 I. THE CONTRACTOR SHALL KEEP THE SITE CLEAN AND ORDERLY. CLEAN THE BUILDING AND SITE AT THE END OF EACH DAY DURING THE CONSTRUCTION PERIOD.  
 13. CONSTRUCTION STANDARDS  
 A. CONSTRUCTION WORK TO EQUAL OR EXCEED MINIMUM STANDARDS SPECIFIED FOR MATERIALS, INSTALLATION METHODS, WORKMANSHIP AND CONSTRUCTION IN PART 3 OF THE BUILDING CODE, LATEST EDITION, EXCEPT WHERE ADDITIONAL WORKER REQUIREMENTS ARE IMPOSED BY REFERENCE TO OTHER PARTS OF THE NATIONAL BUILDING CODE, BY PROVISIONAL CODES, BY LOCAL JURISDICTIONAL AUTHORITIES, OR BY THE DRAWINGS, SPECIFICATIONS, SPECIFIED PERFORMANCE STANDARDS, AND OTHER INSTRUCTIONS INCLUDED WITH, OR ISSUED IN RELATION TO, THE CONTRACT DOCUMENTS FOR THE PROJECT.  
 14. GENERAL CONTRACTOR  
 A. GENERAL CONTRACTOR TO COORDINATE AND OBTAIN ALL REQUIRED INSPECTION CERTIFICATES AND DELIVER TO THE OWNER A FINAL OCCUPANCY PERMIT.  
 B. GENERAL CONTRACTOR TO OBTAIN ALL REQUIRED SURVEYS TO MEET BUILDING LAYOUT AND BUILDING PERMIT REQUIREMENTS.  
 C. GENERAL CONTRACTOR TO OBTAIN A REGISTERED SURVEY FOR THE BUILDING AND SITE PRIOR TO RELEASE OF FINAL PAYMENT AS NOTED IN THE INSTRUCTION TO BIDDERS.  
 15. SECURITY  
 A. GENERAL CONTRACTOR TO BE RESPONSIBLE FOR SECURITY OF ALL AREAS AFFECTED BY WORK OF THIS CONTRACT WITHIN TAKEN OVER BY THE POPEYES, TO TAKE STEPS TO PREVENT ENTRY TO THE WORK BY UNAUTHORIZED PERSONS AND GUARD AGAINST THEFT, FIRE AND DAMAGE BY ANY CAUSE.  
 B. GENERAL CONTRACTOR RESPONSIBLE FOR THE PREVENTION OF VANDALISM AND THEFT OF ALL TOOLS, EQUIPMENT, MATERIALS AND OWNERS CONTENTS.  
 16. SAFETY  
 A. BE GOVERNED BY PERTINENT SAFETY REQUIREMENTS OF FEDERAL, PROVINCIAL OR MUNICIPAL BOOER HAVING AUTHORITY, PARTICULARLY THE CONTRACTOR SAFETY ACT, THE OCCUPATIONAL HEALTH AND SAFETY ACT, AND WORK IN CONJUNCTION WITH THE PROPER SAFETY ASSOCIATIONS OPERATING UNDER THE AUTHORITY OF EACH JURISDICTION.  
 B. PROTECT OWNER, OWNERS EMPLOYEES, THE PUBLIC AND THOSE EMPLOYED ON THE WORK PROBABLY NEARBY AND TO PROTECT ADJACENT PUBLIC, PRIVATE AND OWNERS PROPERTY FROM DAMAGE.  
 C. FURNISH AND MAINTAIN PROTECTION, SUCH AS WARNING SIGNS, TAPRALLS, GUARD RAILS, BARRIERS, NIGHT LIGHTS, BARRIERS AROUND SHAFES, PIT AND STAIRWELLS, ETC. AS REQUIRED. REMOVE TEMPORARY PROTECTIVE MEASURES WHEN NO LONGER REQUIRED.  
 17. SHOP DRAWINGS  
 A. SUBMIT SHOP DRAWINGS FOR ALL NON-SPECIFIED MATERIALS AND PRODUCTS IN CONFORMANCE WITH INDUSTRY STANDARDS.  
 B. REFER TO DIVISION AND SECTIONS OF THE SPECIFICATION FOR WORK REQUIRING SHOP DRAWING SUBMISSION. SUCH WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: ROOF JOISTS, ROOFING MATERIAL, LIST DOORS AND FRAMES, WINDOW, ELECTRICAL, FINISH AND CABLING.  
 18. SHOP DRAWINGS  
 A. THE CONTRACTOR TO PROVIDE AS-BUILT DRAWINGS AND MAINTENANCE MANUALS AS DETAILED IN THE INSTRUCTION TO BIDDERS.

**DIVISION 02 - SITE WORK**

SECTION 02: EARTHWORK  
 GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL PERFORM ALL GENERAL EXCAVATION, FOOTING EXCAVATION, FILING, BACKFILLING, STRIPPING OF TOPSOIL, SITE GRADING, AND RELATED ITEMS NECESSARY TO BRING THE SUB-GRADE TO PROPER CONTOUR.  
 2. QUALITY CONTROL. TO ASSURE COMPLIANCE WITH THE FILLING AND BACKFILLING COMPACTION REQUIREMENTS, A SOIL TESTING LABORATORY SHALL BE NOTIFIED BY THE CONTRACTOR TO CHECK COMPACTION WHEN SO INSTRUCTED BY THE OWNER OR HIS AGENT. PROVIDE THE OWNER WITH A COPY OF THE COMPACTION TEST RESULTS.  
 MATERIAL AND PERFORMANCE  
 1. FOOTING EXCAVATION. ALL FOOTING EXCAVATION SHALL EXTEND INTO UNDISTURBED VIRGIN SOIL, OF 2000 PSF MINIMUM BEARING CAPACITY, TO THE DEPTH OF THE FOOTING SHOWN, OR TO A MINIMUM DEPTH REQUIRED BY LOCAL CODE TO MEET FROST LINE OR OTHER RESTRICTIONS, WHICHEVER IS GREATER.  
 ALL EXCAVATION BELOW THE BOTTOM OF THE FOOTING SHALL BE BACKFILLED WITH 2000 PSF CONCRETE, BUT EXCAVATION SHALL NOT EXCEED 12" WITHOUT THE APPROVAL OF THE ENGINEER.  
 ALL FOUNDATION EXCAVATIONS SHALL BE FREE OF MUD, WATER, AND ALL FOREIGN MATERIAL PRIOR TO POURING.  
 PROVIDE ADEQUATE PROTECTION AGAINST CAVERN.  
 EXCAVATION FOR PLUMBING, HEATING, AND ELECTRICAL WORK SHALL BE DONE BY THE TRADES INVOLVED.

DURING CONCRETE SHALL BE CURED BY PROTECTING IT AGAINST LOSS OF MOISTURE, RAPID TEMPERATURE CHANGE, AND MECHANICAL INJURY FOR AT LEAST THREE (3) DAYS AFTER PLACEMENT. MOST CURING WATERPROOF PAPER, WHITE POLYETHYLENE SHEETING, WHITE LIQUID MEMBRANE COMPOUND, COMBINATION THEREOF, OR OTHER CURING METHOD, SHALL BE USED. CONCRETE SHALL BE COVERED BY WHATEVER CURING MEDIA IS APPLICABLE TO LOCAL CONDITIONS AND APPROVED BY THE ENGINEER. THE EDGES OF CONCRETE SLABS EXPOSED BY THE REMOVAL OF FORMS SHALL BE PROTECTED IMMEDIATELY TO PROTECT THESE SURFACES WITH CONTINUOUS CURING TREATMENT EQUAL TO THE METHOD SELECTED FOR CURING THE SLAB AND CURB SURFACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CURING BEFORE ACTUAL PLACEMENT BEGINS THE EQUIPMENT NEEDED FOR ADEQUATE CURING.  
 F. OPENING TO TRAFFIC. THE ENGINEER SHALL DECIDE WHEN THE PAVEMENT SHALL BE OPENED TO TRAFFIC. IT SHALL NOT BE OPENED TO TRAFFIC UNTIL THE FIELD-CURED CONCRETE HAS ATTAINED A FLEXURAL STRENGTH OF 550 PSI, OR A COMPRESSIVE STRENGTH OF 3000 PSI. IF SUCH TEST ARE NOT CONDUCTED, THE PAVEMENT SHALL NOT BE OPENED TO TRAFFIC UNTIL FOURTEEN (14) DAYS AFTER THE CONCRETE WAS PLACED. BEFORE OPENING TO TRAFFIC, THE PAVEMENT SHALL BE CLEANED.  
 2. ASPHALT  
 A. PAVEMENT PREPARATION FOR SUBGRADE: MATERIAL IN SOFT SPOTS SHALL BE REMOVED TO THE DEPTH REQUIRED TO PROVIDE A FIRM FOUNDATION, AND REPLACED WITH A MATERIAL EQUAL TO THE BEST SUB-GRADE MATERIAL ON SITE. LOOSELY BONDED SUB-GRADE SHALL BE PRIMED WITH AN ASPHALT PRIMEING MATERIAL. THE ENTIRE SUB-GRADE SHALL BE COMPACTED BY AT LEAST FIVE (5) COVERSAGES OF A PNEUMATIC-TIRED ROLLER. THE SURFACE OF THE SUB-GRADE AFTER COMPACTION SHALL BE HARD, UNIFORM, SMOOTH AND TRUE TO GRADE AND CROSS SECTION. IF ANY QUESTIONS ARISE AS TO THE CONDITION OF SUB-GRADE, A SOILS ENGINEERING FIRM EMPLOYED BY THE OWNER WILL DETERMINE CONDITION OF SUB-GRADE PRIOR TO PAVING AT THE REQUEST OF THE CONTRACTOR.  
 B. SPREADING BASE AND SURFACE COURSES - ASPHALT BASE AND SURFACE: FOR ALL AREAS OF MORE THAN 2000 SQ. YD. THE SURFACE COURSE SHALL BE SPREAD AND STRUCK OFF WITH A PAVER. ANY IRREGULARITIES IN SURFACE OF PAVEMENTS SHALL BE CORRECTED DIRECTLY BEHIND THE PAVER. EXCESS MATERIAL FORMING HIGH SPOTS SHALL BE REMOVED WITH A SHOVEL OR LUTE. INTENDED AREAS SHALL BE FILLED WITH HOT MIX AND SMOOTHED WITH A ROLLER. EXCESS MIX LEVEL BEING LAYED OVER THE SURFACE. COVER OF MIX OVER SUCH AREAS SHALL NOT BE PERMITTED.  
 C. COMPACTION - ASPHALT BASE AND SURFACE. ROLLING SHALL START AS SOON AS THE HOT MIX MATERIAL CAN BE COMPACTED WITHOUT DISPLACEMENT. ROLLING SHALL CONTINUE UNTIL THOROUGHLY COMPACTED AND ALL ROLLER MARKS HAVE DISAPPEARED.  
 D. SPECIFICATIONS FOR SAMPLING AND PATCHING NEW ASPHALTIC CONCRETE PAVEMENTS  
 1. AT COMPLETION OF PAVING, TEST CORES SHALL BE TAKEN BY AN INDEPENDENT LABORATORY STORED AS PROVIDED BY THE CONTRACTOR TO VERIFY THAT THE THICKNESS OF THE PAVING MATERIALS MEETS THE MINIMUM SPECIFICATION REQUIREMENTS.  
 2. SUFFICIENT CORES SHALL BE TAKEN IN BOTH PARKING STALLS AND DRIVES TO ENSURE REPRESENTATIVENESS. HOWEVER, NO LESS THAN FOUR (4) LOCATIONS SHALL BE TESTED.  
 3. THE TESTING LABORATORY SHALL NOTIFY THE GENERAL CONTRACTOR AT LEAST TWO (2) DAYS PRIOR TO CORING.  
 4. THE PAVING CONTRACTOR SHALL PATCH CORE HOLES IMMEDIATELY UPON COMPLETION.  
 5. IF THE ASPHALTIC CONCRETE PATCH CANNOT BE INSTALLED IMMEDIATELY AFTER COMPLETION OF CORING, A MINIMUM OF 7" OF PORTLAND CEMENT CONCRETE SHOULD BE PLACED IN THE TEST HOLE, SUCH THAT THE SURFACE COURSE SHOULD HAVE A MINIMUM TWENTY EIGHT (28) DAYS OF COMPRESSIVE STRENGTH OF 1200 PSI. THE PATCH SHALL BE SIX (6) TEST HOLES WITH DEPTH IN EXCESS OF 6" IF MAY BE BACKFILLED TO THE REQUIRED PATCH WITH CONCRETE OR COMPACTED CRUSHED STONE OR PORTLAND CEMENT CONCRETE.  
 6. PATCHING METHOD:  
 A. A TACK COAT SHALL BE APPLIED TO THE SIDES OF THE CORE HOLES. THE TACK COAT MAY CONSIST OF SS-1, SS-1H, CSS-1H, RS-1, CR-1, ES-EQUALIZED, OR CUTBACK ASPHALT.  
 B. AN ASPHALTIC CONCRETE PATCH WITH A MINIMUM THICKNESS EQUAL TO THE ORIGINAL ASPHALTIC CONCRETE OR 3", WHICHEVER IS GREATER, SHOULD BE INSTALLED IN THE CORE HOLE, FILLING WITH THE EXISTING PAVEMENT SURFACE. THE MINIMUM THICKNESS MAY BE REDUCED TO 1" IF A TEMPORARY CONCRETE PATCH IS UTILIZED AS IN (5) ABOVE.  
 C. THE ASPHALTIC CONCRETE MAY CONSIST OF HOT MIX PLACED AT A TEMPERATURE OF AT LEAST 280 DEGREES F, OR COLD MIX WHICH IS DRIED OR CUTBACK ASPHALT. THE ASPHALTIC CONCRETE SHOULD MEET THE APPROPRIATE STATE SPECIFICATIONS FOR ASPHALTIC CONCRETE SURFACE COURSE, AND SHOULD BE PROPERLY COMPACTED.  
 D. PATCHING SHOULD BE PERFORMED AT TEMPERATURES ABOVE 40 DEGREES F TO ENSURE PROPER SETTING OF THE PORTLAND CEMENT CONCRETE, IF USED, AND CURING OF THE ASPHALTIC CONCRETE, IF COLD MIX IS USED.  
 7. MARKING - MARK ALL PARKING BAYS, ARROWS, AND OTHER TRAFFIC MARKINGS INDICATED ON SITE PLAN. PAINT TRAFFIC YELLOW REFER TO SITE PLAN. ALL PAINT PRODUCTS TO COMPLY WITH STATE HIGHWAY DEPARTMENT SPECIFICATIONS.  
 SECTION 2F: OPENING SOON SIGN (OPTIONAL)

GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL WOOD POSTS AND INSTALL SIGN FURNISHED BY OWNER.  
 MATERIALS  
 1. "OPENING SOON" LOGO SIGN - SUPPLIED AND SHIPPED TO THE SITE BY THE OWNER. THE SIGN CONSIST OF TWO (2) 1' X 8' WOOD SHEETS. INSTALL ON TREE (3) 4" X 8' WOOD POST IN "V" SHAPE. SO THE SIGN MAY BE READ FROM EITHER DIRECTION. INSTALL THE DAY RECEIVED IN LOCATION TO ENSURE PRIME VISIBILITY.  
 SECTION 2G: LANDSCAPING  
 GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL TOPSOIL TO PROPER CONTOUR FOR ALL AREAS NOTED IN THE SITE PLAN TO BE LANDSCAPED.  
 2. NOTES:  
 A. PLANTING MATERIALS AND INSTALLATION SHALL BE PROVIDED UNDER SEPARATE CONTRACT BY THE OWNER.  
 B. COORDINATE THE TIMING OF THE PLACEMENT OF TOPSOIL WITH THE OWNER IN ORDER TO PREVENT EROSION OF TOPSOIL.  
 MATERIALS  
 1. TOPSOIL: IF MINIMUM TOPSOIL PERFORMANCE  
 THE TOPSOIL FILL SHALL BE PLACED AFTER THE COMPLETION OF ALL FOUNDATION AND SITE UTILITY WORK WHEN CONSTRUCTION IS NEARING COMPLETION. RAKE SMOOTH IN PREPARATION OF PLANT MATERIAL INSTALLATION, AND REMOVE ALL DEBRIS AND TRASH. TOPSOIL SHALL BE BACKFILLED TO ALL PERIMETER CURBS, AND TO ANY PAVING. TOPSOIL SHALL BE PLACED IN THE OUTSIDE PLANTER.  
 2. NO MULCH SHALL BE USED WITHIN 6" OF BUILDING DEVELOPE. USE VIBRATING ROLLER WITH 1/4" FLAMMABLE MULCH WITHIN 6" OF MULCH CAN BE USED OUTSIDE THIS DIMENSION A

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN OR ITS AFFILIATED OR RELATED COMPANIES AND MAY NOT BE REPRODUCED, COPIED, REPRODUCED, DISSEMINATED, PUBLISHED OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF CONTRACTOR LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.  
 POPEYES LOUISIANA KITCHEN © 2024  
 KATHLEEN J. WILSON  
 ARCHITECT  
 STATE OF MISSOURI  
 12/24/24

GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL WOOD POSTS AND INSTALL SIGN FURNISHED BY OWNER.  
 MATERIALS  
 1. "OPENING SOON" LOGO SIGN - SUPPLIED AND SHIPPED TO THE SITE BY THE OWNER. THE SIGN CONSIST OF TWO (2) 1' X 8' WOOD SHEETS. INSTALL ON TREE (3) 4" X 8' WOOD POST IN "V" SHAPE. SO THE SIGN MAY BE READ FROM EITHER DIRECTION. INSTALL THE DAY RECEIVED IN LOCATION TO ENSURE PRIME VISIBILITY.  
 SECTION 2G: LANDSCAPING  
 GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL TOPSOIL TO PROPER CONTOUR FOR ALL AREAS NOTED IN THE SITE PLAN TO BE LANDSCAPED.  
 2. NOTES:  
 A. PLANTING MATERIALS AND INSTALLATION SHALL BE PROVIDED UNDER SEPARATE CONTRACT BY THE OWNER.  
 B. COORDINATE THE TIMING OF THE PLACEMENT OF TOPSOIL WITH THE OWNER IN ORDER TO PREVENT EROSION OF TOPSOIL.  
 MATERIALS  
 1. TOPSOIL: IF MINIMUM TOPSOIL PERFORMANCE  
 THE TOPSOIL FILL SHALL BE PLACED AFTER THE COMPLETION OF ALL FOUNDATION AND SITE UTILITY WORK WHEN CONSTRUCTION IS NEARING COMPLETION. RAKE SMOOTH IN PREPARATION OF PLANT MATERIAL INSTALLATION, AND REMOVE ALL DEBRIS AND TRASH. TOPSOIL SHALL BE BACKFILLED TO ALL PERIMETER CURBS, AND TO ANY PAVING. TOPSOIL SHALL BE PLACED IN THE OUTSIDE PLANTER.  
 2. NO MULCH SHALL BE USED WITHIN 6" OF BUILDING DEVELOPE. USE VIBRATING ROLLER WITH 1/4" FLAMMABLE MULCH WITHIN 6" OF MULCH CAN BE USED OUTSIDE THIS DIMENSION A

GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL WOOD POSTS AND INSTALL SIGN FURNISHED BY OWNER.  
 MATERIALS  
 1. "OPENING SOON" LOGO SIGN - SUPPLIED AND SHIPPED TO THE SITE BY THE OWNER. THE SIGN CONSIST OF TWO (2) 1' X 8' WOOD SHEETS. INSTALL ON TREE (3) 4" X 8' WOOD POST IN "V" SHAPE. SO THE SIGN MAY BE READ FROM EITHER DIRECTION. INSTALL THE DAY RECEIVED IN LOCATION TO ENSURE PRIME VISIBILITY.  
 SECTION 2G: LANDSCAPING  
 GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL TOPSOIL TO PROPER CONTOUR FOR ALL AREAS NOTED IN THE SITE PLAN TO BE LANDSCAPED.  
 2. NOTES:  
 A. PLANTING MATERIALS AND INSTALLATION SHALL BE PROVIDED UNDER SEPARATE CONTRACT BY THE OWNER.  
 B. COORDINATE THE TIMING OF THE PLACEMENT OF TOPSOIL WITH THE OWNER IN ORDER TO PREVENT EROSION OF TOPSOIL.  
 MATERIALS  
 1. TOPSOIL: IF MINIMUM TOPSOIL PERFORMANCE  
 THE TOPSOIL FILL SHALL BE PLACED AFTER THE COMPLETION OF ALL FOUNDATION AND SITE UTILITY WORK WHEN CONSTRUCTION IS NEARING COMPLETION. RAKE SMOOTH IN PREPARATION OF PLANT MATERIAL INSTALLATION, AND REMOVE ALL DEBRIS AND TRASH. TOPSOIL SHALL BE BACKFILLED TO ALL PERIMETER CURBS, AND TO ANY PAVING. TOPSOIL SHALL BE PLACED IN THE OUTSIDE PLANTER.  
 2. NO MULCH SHALL BE USED WITHIN 6" OF BUILDING DEVELOPE. USE VIBRATING ROLLER WITH 1/4" FLAMMABLE MULCH WITHIN 6" OF MULCH CAN BE USED OUTSIDE THIS DIMENSION A

GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL WOOD POSTS AND INSTALL SIGN FURNISHED BY OWNER.  
 MATERIALS  
 1. "OPENING SOON" LOGO SIGN - SUPPLIED AND SHIPPED TO THE SITE BY THE OWNER. THE SIGN CONSIST OF TWO (2) 1' X 8' WOOD SHEETS. INSTALL ON TREE (3) 4" X 8' WOOD POST IN "V" SHAPE. SO THE SIGN MAY BE READ FROM EITHER DIRECTION. INSTALL THE DAY RECEIVED IN LOCATION TO ENSURE PRIME VISIBILITY.  
 SECTION 2G: LANDSCAPING  
 GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL TOPSOIL TO PROPER CONTOUR FOR ALL AREAS NOTED IN THE SITE PLAN TO BE LANDSCAPED.  
 2. NOTES:  
 A. PLANTING MATERIALS AND INSTALLATION SHALL BE PROVIDED UNDER SEPARATE CONTRACT BY THE OWNER.  
 B. COORDINATE THE TIMING OF THE PLACEMENT OF TOPSOIL WITH THE OWNER IN ORDER TO PREVENT EROSION OF TOPSOIL.  
 MATERIALS  
 1. TOPSOIL: IF MINIMUM TOPSOIL PERFORMANCE  
 THE TOPSOIL FILL SHALL BE PLACED AFTER THE COMPLETION OF ALL FOUNDATION AND SITE UTILITY WORK WHEN CONSTRUCTION IS NEARING COMPLETION. RAKE SMOOTH IN PREPARATION OF PLANT MATERIAL INSTALLATION, AND REMOVE ALL DEBRIS AND TRASH. TOPSOIL SHALL BE BACKFILLED TO ALL PERIMETER CURBS, AND TO ANY PAVING. TOPSOIL SHALL BE PLACED IN THE OUTSIDE PLANTER.  
 2. NO MULCH SHALL BE USED WITHIN 6" OF BUILDING DEVELOPE. USE VIBRATING ROLLER WITH 1/4" FLAMMABLE MULCH WITHIN 6" OF MULCH CAN BE USED OUTSIDE THIS DIMENSION A

GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL WOOD POSTS AND INSTALL SIGN FURNISHED BY OWNER.  
 MATERIALS  
 1. "OPENING SOON" LOGO SIGN - SUPPLIED AND SHIPPED TO THE SITE BY THE OWNER. THE SIGN CONSIST OF TWO (2) 1' X 8' WOOD SHEETS. INSTALL ON TREE (3) 4" X 8' WOOD POST IN "V" SHAPE. SO THE SIGN MAY BE READ FROM EITHER DIRECTION. INSTALL THE DAY RECEIVED IN LOCATION TO ENSURE PRIME VISIBILITY.  
 SECTION 2G: LANDSCAPING  
 GENERAL PROVISIONS  
 1. SCOPE. FURNISH AND INSTALL TOPSOIL TO PROPER CONTOUR FOR ALL AREAS NOTED IN THE SITE PLAN TO BE LANDSCAPED.  
 2. NOTES:  
 A. PLANTING MATERIALS AND INSTALLATION SHALL BE PROVIDED UNDER SEPARATE CONTRACT BY THE OWNER.  
 B. COORDINATE THE TIMING OF THE PLACEMENT OF TOPSOIL WITH THE OWNER IN ORDER TO PREVENT EROSION OF TOPSOIL.  
 MATERIALS  
 1. TOPSOIL: IF MINIMUM TOPSOIL PERFORMANCE  
 THE TOPSOIL FILL SHALL BE PLACED AFTER THE COMPLETION OF ALL FOUNDATION AND SITE UTILITY WORK WHEN CONSTRUCTION IS NEARING COMPLETION. RAKE SMOOTH IN PREPARATION OF PLANT MATERIAL INSTALLATION, AND REMOVE ALL DEBRIS AND

DIVISION 03 - CONCRETE

Table with 2 columns: Section/Item, Description. Includes items for Reinforced Concrete, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Formwork, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Concrete Protection and Curing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Concrete Testing Service, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Structural Concrete, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Formwork, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Formwork, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Formwork, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Formwork, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Formwork, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Formwork, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Formwork, Part 1 - General, and Part 2 - Products.

DIVISION 04 - MASONRY

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Unit Masonry, Part 1 - General, and Part 2 - Products.

DIVISION 5 - METALS

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Metal Decking, Part 1 - General, and Part 2 - Products.

DIVISION 6 - WOOD, PLASTICS, AND COMPOSITES

Table with 2 columns: Section/Item, Description. Includes items for Rough Carpentry, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: Section/Item, Description. Includes items for Sheathing, Part 1 - General, and Part 2 - Products.

Table with 2 columns: No., Date, Description. Revisions section.

Table with 2 columns: No., Date, Description. Revisions section.

Table with 2 columns: No., Date, Description. Revisions section.

Table with 2 columns: No., Date, Description. Revisions section.

Table with 2 columns: No., Date, Description. Revisions section.

Table with 2 columns: No., Date, Description. Revisions section.

Table with 2 columns: No., Date, Description. Revisions section.

Table with 2 columns: No., Date, Description. Revisions section.

Table with 2 columns: No., Date, Description. Revisions section.

Table with 2 columns: No., Date, Description. Revisions section.

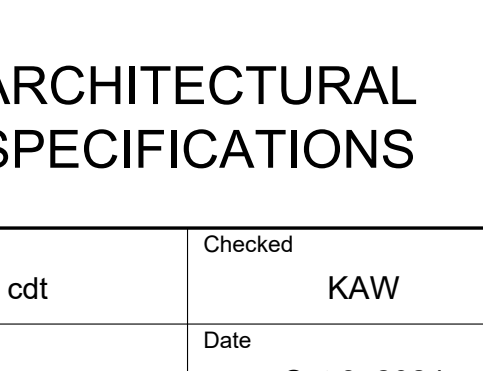


Table with 2 columns: Drawn, Checked, Scale, Date, Project No., Drawing No. Includes information for cdt, KAW, AS NOTED, Oct 8, 2024, 6091-24, SP2.

Table with 2 columns: Item No. and Description. Includes sections for Vapor Retarders, Protection, Execution, and Installation.

Table with 2 columns: Item No. and Description. Includes sections for Insulation, Performance Requirements, Quality Assurance, and Surface Preparation.

Table with 2 columns: Item No. and Description. Includes sections for Examination, Acceptable Installers, Examination, and Surface Preparation.

Table with 2 columns: Item No. and Description. Includes sections for Silencing and Rinsing of Insulation Board Surface, Backwrapping, and Installation.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 3 - EXECUTION

Table with 2 columns: Item No. and Description. Includes sections for Examination, Installation, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 2 - PRODUCTS

Table with 2 columns: Item No. and Description. Includes sections for Manufacturers, Insulating Materials, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 2 - PRODUCTS

Table with 2 columns: Item No. and Description. Includes sections for Manufacturers, Insulating Materials, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 3 - EXECUTION

Table with 2 columns: Item No. and Description. Includes sections for Examination, Installation, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 2 - PRODUCTS

Table with 2 columns: Item No. and Description. Includes sections for Manufacturers, Insulating Materials, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 2 - PRODUCTS

Table with 2 columns: Item No. and Description. Includes sections for Manufacturers, Insulating Materials, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 3 - EXECUTION

Table with 2 columns: Item No. and Description. Includes sections for Examination, Installation, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 2 - PRODUCTS

Table with 2 columns: Item No. and Description. Includes sections for Manufacturers, Insulating Materials, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 2 - PRODUCTS

Table with 2 columns: Item No. and Description. Includes sections for Manufacturers, Insulating Materials, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 3 - EXECUTION

Table with 2 columns: Item No. and Description. Includes sections for Examination, Installation, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 2 - PRODUCTS

Table with 2 columns: Item No. and Description. Includes sections for Manufacturers, Insulating Materials, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 2 - PRODUCTS

Table with 2 columns: Item No. and Description. Includes sections for Manufacturers, Insulating Materials, and Related Sections.

Table with 2 columns: Item No. and Description. Includes sections for Revisions and Drawings Revised as per Design Bulletin.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 1 - GENERAL

Table with 2 columns: Item No. and Description. Includes sections for Summary, Related Sections, Submittals, and Manufacturer's Specifications.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 3 - EXECUTION

Table with 2 columns: Item No. and Description. Includes sections for Examination, Installation, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 2 - PRODUCTS

Table with 2 columns: Item No. and Description. Includes sections for Manufacturers, Insulating Materials, and Related Sections.

EXTERIOR INSULATION AND SECTION 07 21 00 FINISH SYSTEMS

PART 2 - PRODUCTS

Table with 2 columns: Item No. and Description. Includes sections for Manufacturers, Insulating Materials, and Related Sections.



WARMAN ARCHITECTURE + DESIGN, 1735 SWIFT AVE., NORTH KANSAS CITY, MISSOURI 64116. V. 816.474.2283 F. 816.474.1051

LOUISIANA ARCHITECT logo with 'Popeyes' text and '19 72' dates.

Project information: Store Type: REMODEL (BASED ON US 2124 PROTOTYPE), Location: 440 NW Chipman Road, Lee's Summit, MO 64063.

Drawing Title: ARCHITECTURAL SPECIFICATIONS, Drawing No. SP3, Date: Oct 8, 2024.

Y:\Projects\6091-24 Popeyes @ 440 NW Chipman Rd. Lee's Summit, MO\CD's\6091\_SP1\_SPT.dwg, 11/19/2024 5:16:16 PM, Chad, AutoCAD PDF (General Documentation).pc3

POPEYES LOUISIANA KITCHEN MODEL 2124 - 10930 PARALLEL PARKWAY KANSAS CITY, KS 64124 PROTOTYPE DOCUMENTS (OCT 27, 2021) STORE NO. XXXXX

FLUID APPLIED MEMBRANE AIR BARRIER SECTION 07 27 26		THE APPLICABLE BUILDING CODE.		IN CONFORMANCE WITH ARCHITECTURAL DESIGN DETAILS, CONTRACTORS SHOP DRAWINGS, PROJECT MOCK-UP, AND MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.	
PART 1 - GENERAL	1.1 SUMMARY	A. SECTION INCLUDES MATERIALS AND INSTALLATION OF VAPOR PERMEABLE FLUID APPLIED AIR MOISTURE BARRIER MEMBRANE OVER VERTICAL ABOVE GRADE CONCRETE WALLS, CONCRETE MASONRY WALLS, AND WALL SHEATHING.	B. PROTECT COATINGS (PAI PRODUCTS) FROM FREEZING TEMPERATURES AND TEMPERATURES IN EXCESS OF 10 DEGREES F (3 DEGREES C). STORE AWAY FROM DIRECT SUNLIGHT.	C. MECHANICAL VENTILATION, STORAGE UNDER COVER OFF THE GROUND IN A DRY LOCATION.	D. PROTECT AND STORE ACCESSORY AND AUXILIARY PRODUCTS IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.
	1.2 DEFINITIONS	A. AIR BARRIER MATERIAL: A PRIMARY ELEMENT THAT PROVIDES A CONTINUOUS BARRIER TO THE MOVEMENT OF AIR.	B. AIR BARRIER ACCESSORY: A TRANSITIONAL COMPONENT OF THE AIR BARRIER THAT PROVIDES CONTINUITY.	C. AIR BARRIER AUXILIARY MATERIAL: A TRANSITIONAL COMPONENT THAT PROVIDES AIR BARRIER CONTINUITY FURNISHED BY A SOURCE OTHER THAN THE PRIMARY AIR BARRIER MANUFACTURER.	D. AIR BARRIER ASSEMBLY: THE COLLECTION OF AIR BARRIER MATERIALS, ACCESSORY AND AUXILIARY MATERIALS APPLIED TO AN OPENING WALL, INCLUDING JOINTS AND JUNCTIONS TO ADJUTING CONSTRUCTION, TO CONTROL AIR MOVEMENT THROUGH THE WALL.
1.3 PRE-INSTALLATION MEETINGS	A. PRE-INSTALLATION CONFERENCE	1. REVIEW AIR BARRIER INSTALLATION REQUIREMENTS AND INSTALLATION DETAILS, MOCK-UPS, TESTING REQUIREMENTS, PROTECTION, AND SEQUENCING OF WORK.			
	1.4 REFERENCES	A. BUILDING CODE AND MATERIAL EVALUATION SERVICE STANDARDS	B. ASTM STANDARDS	C. D-641-04 TEST METHOD FOR PULL-OFF STRENGTH OF COATINGS USING PORTABLE ADHESION TESTERS	E. 6-418 TEST METHOD FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIAL
1.5 COORDINATION/SCHEDULING	A. COORDINATE INSTALLATION OF FOUNDATION WATERPROOFING, ROOFING MEMBRANE, WINDOWS, DOORS AND OTHER WALL PENETRATIONS TO PROVIDE A CONTINUOUS AIR BARRIER.	B. PROVIDE PROTECTION OF ROUGH OPENINGS BEFORE INSTALLING WINDOWS, DOORS, AND OTHER PENETRATIONS THROUGH THE WALL.	C. PROVIDE SILL FLASHING TO DIRECT WATER TO THE EXTERIOR BEFORE WINDOWS AND DOORS ARE INSTALLED.	D. INSTALL WINDOW AND DOOR HEAD FLASHING IMMEDIATELY AFTER WINDOWS AND DOORS ARE INSTALLED.	E. INSTALL DIVERTER FLASHINGS WHEREVER WATER CAN ENTER THE ASSEMBLY TO DIRECT WATER TO THE EXTERIOR.
	1.6 QUALITY ASSURANCE	A. MANUFACTURER'S SPECIFICATIONS, DETAILS AND PRODUCT DATA	B. MANUFACTURER'S STANDARD WARRANTY	C. MANUFACTURER'S ICC EVALUATION REPORT CONFIRMING COMPLIANCE WITH THE ICC ESR, AND ICC AS AN AIR BARRIER AND WATER-RESISTIVE BARRIER	D. SAMPLES FOR APPROVAL AS DIRECTED BY ARCHITECT OR OWNER
1.7 SUBMITTALS	A. MANUFACTURER'S SPECIFICATIONS, DETAILS AND PRODUCT DATA	B. MANUFACTURER'S STANDARD WARRANTY	C. MANUFACTURER'S ICC EVALUATION REPORT CONFIRMING COMPLIANCE WITH THE ICC ESR, AND ICC AS AN AIR BARRIER AND WATER-RESISTIVE BARRIER	D. SAMPLES FOR APPROVAL AS DIRECTED BY ARCHITECT OR OWNER	E. SHOP DRAWINGS: SUBMIT JOINTS, CRACKS, FLASHING TRANSITIONS, PENETRATIONS, CORNERS, TERMINATIONS, AND TRANS WITH ADJOINING CONSTRUCTION, AND INTERFACES WITH SEPARATE MATERIALS THAT FORM PART OF THE AIR BARRIER ASSEMBLY.
	1.8 QUALITY ASSURANCE	A. MANUFACTURER'S SPECIFICATIONS, DETAILS AND PRODUCT DATA	B. MANUFACTURER'S STANDARD WARRANTY	C. MANUFACTURER'S ICC EVALUATION REPORT CONFIRMING COMPLIANCE WITH THE ICC ESR, AND ICC AS AN AIR BARRIER AND WATER-RESISTIVE BARRIER	D. SAMPLES FOR APPROVAL AS DIRECTED BY ARCHITECT OR OWNER
1.9 PRE-CONSTRUCTION TESTING	A. CONDUCT TESTING BY QUALIFIED TEST AGENCY OR BUILDING ENVELOPE CONSULTANT	B. CONDUCT ASSEMBLY AIR LEAKAGE TESTING IN ACCORDANCE WITH ASTM E 783	C. CONDUCT ADHESION TESTING TO SUBSTRATES IN ACCORDANCE WITH ASTM D 4541	D. CONDUCT WEAT SEALANT COMPATIBILITY TESTING IN ACCORDANCE WITH SEALANT MANUFACTURERS FIELD QUALITY CONTROL TEST PROCEDURE.	E. NOTIFY DESIGN PROFESSIONAL MINIMUM 7 DAYS PRIOR TO TESTING.
	1.10 DELIVERY, STORAGE AND HANDLING	A. DELIVER ALL MATERIALS IN THEIR ORIGINAL SEALED CONTAINERS BEARING MANUFACTURER'S NAME AND IDENTIFICATION OF	B. PRODUCT COATINGS (PAI PRODUCTS) FROM FREEZING TEMPERATURES AND TEMPERATURES IN EXCESS OF 10 DEGREES F (3 DEGREES C). STORE AWAY FROM DIRECT SUNLIGHT.	C. MECHANICAL VENTILATION, STORAGE UNDER COVER OFF THE GROUND IN A DRY LOCATION.	D. PROTECT AND STORE ACCESSORY AND AUXILIARY PRODUCTS IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.
2.1 MANUFACTURERS	A. PRODUCTS: VAPOUR PERMEABLE AIR BARRIER MEMBRANE, SELF ADHERED FOR (IRAN SCREEN SYSTEMS) (SLOPED ROOFING) TRIPLE LAYER SPANNDOP POLYURETHANE WITH A NOMINAL THICKNESS OF 0.6MM (24 MILS.) AND WATER VAPOUR TRANSMISSION OF 137 NCPA (24 PERMS) AS PER ASTM E96 METHOD B. MEMBRANES MUST COMPLY WITH THE ASTM E2718 AIR BARRIER MATERIALS) AND AIR LEAKAGE RATE AND AIR LEAKAGE RATE CLASSIFICATION OF AT LEAST 1 IN. IN EQUALLY WIND PRESSURE DIFFERENCE OF 60PA (12 METERS ABOVE GRADE) SRP AIROUTSHIELD S280 1 866 533 0233 WWW.AIRSHIELD.COM/CA.	B. COLOUR: BLACK	C. PRIMARY AIR BARRIER MATERIAL: STOGUARD WITH STO EMERALDCOAT™ READY-MIXED POLYMER SPRAY OR ROLLER APPLIED AIR AND MOISTURE BARRIER MATERIAL.	D. ACCESSORY MATERIALS	E. SHEATHING JOINT TREATMENTS
	2.2 MATERIALS	A. PRIMARY AIR BARRIER MATERIAL: STOGUARD WITH STO EMERALDCOAT™ READY-MIXED POLYMER SPRAY OR ROLLER APPLIED AIR AND MOISTURE BARRIER MATERIAL.	B. ACCESSORY MATERIALS	C. SHEATHING JOINT TREATMENTS	D. STOGUARD GUARD™ ONE COMPONENT STPE RAPID DRYING GUN-APPLIED TREATMENT FOR SHEATHING JOINTS, ROUGH OPENINGS, SEAMS, CRACKS, PENETRATIONS AND OTHER TRANSITIONS IN ABOVE GRADE WALL CONSTRUCTION.
2.3 PERFORMANCE REQUIREMENTS	A. DURABILITY: RESISTANCE TO AGING, WATER AND WATER PENETRATION RESISTANCE, STRUCTURAL, LOADING, JOINT TREATMENT AND PRIMARY AIR BARRIER MATERIAL, COMPLY WITH ICC E5 AC 212	B. FLEXIBILITY: ASTM D 522, PRIMARY AIR BARRIER MATERIAL, NO CRACKING OR DELAMINATION BEFORE AND AFTER AGING USING 18 INCH (3 MM) MANHOLE AT 14° C (57° F)	C. NAIL SEALABILITY: ASTM D 1970, 7.9 L, PRIMARY AIR BARRIER PASSES	D. RESISTANCE TO MOLD: ASTM D 3273, NO MOLD GROWTH AFTER 28 DAY EXPOSURE	E. ADHESION: JOINT TREATMENT AND PRIMARY AIR BARRIER MATERIAL, ASTM D 297, 4541 > 30 PSI (207 KPA) OR EXCEEDS STRENGTH OF GLASS MAT FACING ON GLASS MAT GYPSUM SUBSTRATES
	2.4 DESIGN CRITERIA	A. STRUCTURAL (WIND AND AXIAL LOADS)	B. DESIGN FOR MAXIMUM ALLOWABLE DEFLECTION NORMAL TO THE PLANE OF THE WALL AND CLADDING WITH A UNIFORM CRITERIA FOR MAXIMUM ALLOWABLE DEFLECTION.	C. DESIGN FOR WIND LOAD WITH A UNIFORM CRITERIA FOR MAXIMUM ALLOWABLE DEFLECTION.	D. DESIGN FOR WIND LOAD WITH A UNIFORM CRITERIA FOR MAXIMUM ALLOWABLE DEFLECTION.
2.5 SUBSTITUTIONS	A. VAPOUR RETARDER INSTALLATION: VAPOUR RETARDER SHALL BE MECHANICALLY FASTENED TO THE ROOF DECK WITH MANUFACTURER'S FASTENERS AND HEAT WELDED TOGETHER.	B. INSULATION INSTALLATION: INSULATION SHALL BE MECHANICALLY FASTENED TO THE ROOF DECK WITH MANUFACTURER'S FASTENERS AND HEAT WELDED TOGETHER.	C. ROOFING CONTRACTOR SHALL PROVIDE A WRITTEN WARRANTY AGAINST LEAKS OR WORKMANSHIP DEFECTS FOR A PERIOD OF 5 YEARS FROM THE DATE OF ROOFING SYSTEM COMPLETION.	D. VAPOUR RETARDER AND NAELER INSTALLATION: VAPOUR RETARDER SHALL BE MECHANICALLY FASTENED TO THE ROOF DECK WITH MANUFACTURER'S FASTENERS AND HEAT WELDED TOGETHER.	E. FASTENERS MUST BE A MINIMUM OF 15 CM (6") FROM INSULATION PANELS EDGES. BONDS MUST CONFORM TO THE DECK SURFACE. IRRESPECTIVE OF FASTENERS, FASTENERS MUST BE MECHANICALLY FASTENED TO THE DECK SURFACE.
	2.6 FASTENERS	A. FASTENERS MUST BE A MINIMUM OF 15 CM (6") FROM INSULATION PANELS EDGES. BONDS MUST CONFORM TO THE DECK SURFACE. IRRESPECTIVE OF FASTENERS, FASTENERS MUST BE MECHANICALLY FASTENED TO THE DECK SURFACE.	B. FASTENERS MUST BE A MINIMUM OF 15 CM (6") FROM INSULATION PANELS EDGES. BONDS MUST CONFORM TO THE DECK SURFACE. IRRESPECTIVE OF FASTENERS, FASTENERS MUST BE MECHANICALLY FASTENED TO THE DECK SURFACE.	C. FASTENERS MUST BE A MINIMUM OF 15 CM (6") FROM INSULATION PANELS EDGES. BONDS MUST CONFORM TO THE DECK SURFACE. IRRESPECTIVE OF FASTENERS, FASTENERS MUST BE MECHANICALLY FASTENED TO THE DECK SURFACE.	D. FASTENERS MUST BE A MINIMUM OF 15 CM (6") FROM INSULATION PANELS EDGES. BONDS MUST CONFORM TO THE DECK SURFACE. IRRESPECTIVE OF FASTENERS, FASTENERS MUST BE MECHANICALLY FASTENED TO THE DECK SURFACE.

MEMBRANE ROOFING SECTION 07 50 00		ISSUE TABLE	
1.0 GENERAL	1. REFERENCE	No.	Date (mm/dd/yyyy)
1.1 REFERENCE	1. GENERAL		
1.2 SCOPE OF WORK INCLUDES:	1.1 REFERENCE		
1.3 SUBSTRATE PREPARATION:	1.2 SCOPE OF WORK INCLUDES:		
1.4 INSULATION INSTALLATION:	1.3 SUBSTRATE PREPARATION:		
1.5 FASTENERS:	1.4 INSULATION INSTALLATION:		
1.6 VAPOUR RETARDER:	1.5 FASTENERS:		
1.7 NAELERS:	1.6 VAPOUR RETARDER:		
1.8 FLASHING:	1.7 NAELERS:		
1.9 KITCHEN EXHAUST VENTS:	1.8 FLASHING:		
1.10 TRAFFIC WALKWAYS:	1.9 KITCHEN EXHAUST VENTS:		
1.11 TEMPORARY NIGHT SEAL:	1.10 TRAFFIC WALKWAYS:		
1.12 WARRANTY INSPECTION:	1.11 TEMPORARY NIGHT SEAL:		
1.13 SUBMITTALS:	1.12 WARRANTY INSPECTION:		
1.14 DELIVERY, STORAGE & HANDLING:	1.13 SUBMITTALS:		
1.15 DELIVERY, STORAGE & HANDLING:	1.14 DELIVERY, STORAGE & HANDLING:		
1.16 DELIVERY, STORAGE & HANDLING:	1.15 DELIVERY, STORAGE & HANDLING:		
1.17 DELIVERY, STORAGE & HANDLING:	1.16 DELIVERY, STORAGE & HANDLING:		
1.18 DELIVERY, STORAGE & HANDLING:	1.17 DELIVERY, STORAGE & HANDLING:		
1.19 DELIVERY, STORAGE & HANDLING:	1.18 DELIVERY, STORAGE & HANDLING:		
1.20 DELIVERY, STORAGE & HANDLING:	1.19 DELIVERY, STORAGE & HANDLING:		
1.21 DELIVERY, STORAGE & HANDLING:	1.20 DELIVERY, STORAGE & HANDLING:		
1.22 DELIVERY, STORAGE & HANDLING:	1.21 DELIVERY, STORAGE & HANDLING:		
1.23 DELIVERY, STORAGE & HANDLING:	1.22 DELIVERY, STORAGE & HANDLING:		
1.24 DELIVERY, STORAGE & HANDLING:	1.23 DELIVERY, STORAGE & HANDLING:		
1.25 DELIVERY, STORAGE & HANDLING:	1.24 DELIVERY, STORAGE & HANDLING:		
1.26 DELIVERY, STORAGE & HANDLING:	1.25 DELIVERY, STORAGE & HANDLING:		
1.27 DELIVERY, STORAGE & HANDLING:	1.26 DELIVERY, STORAGE & HANDLING:		
1.28 DELIVERY, STORAGE & HANDLING:	1.27 DELIVERY, STORAGE & HANDLING:		
1.29 DELIVERY, STORAGE & HANDLING:	1.28 DELIVERY, STORAGE & HANDLING:		
1.30 DELIVERY, STORAGE & HANDLING:	1.29 DELIVERY, STORAGE & HANDLING:		
1.31 DELIVERY, STORAGE & HANDLING:	1.30 DELIVERY, STORAGE & HANDLING:		
1.32 DELIVERY, STORAGE & HANDLING:	1.31 DELIVERY, STORAGE & HANDLING:		
1.33 DELIVERY, STORAGE & HANDLING:	1.32 DELIVERY, STORAGE & HANDLING:		
1.34 DELIVERY, STORAGE & HANDLING:	1.33 DELIVERY, STORAGE & HANDLING:		
1.35 DELIVERY, STORAGE & HANDLING:	1.34 DELIVERY, STORAGE & HANDLING:		
1.36 DELIVERY, STORAGE & HANDLING:	1.35 DELIVERY, STORAGE & HANDLING:		
1.37 DELIVERY, STORAGE & HANDLING:	1.36 DELIVERY, STORAGE & HANDLING:		
1.38 DELIVERY, STORAGE & HANDLING:	1.37 DELIVERY, STORAGE & HANDLING:		
1.39 DELIVERY, STORAGE & HANDLING:	1.38 DELIVERY, STORAGE & HANDLING:		
1.40 DELIVERY, STORAGE & HANDLING:	1.39 DELIVERY, STORAGE & HANDLING:		
1.41 DELIVERY, STORAGE & HANDLING:	1.40 DELIVERY, STORAGE & HANDLING:		
1.42 DELIVERY, STORAGE & HANDLING:	1.41 DELIVERY, STORAGE & HANDLING:		
1.43 DELIVERY, STORAGE & HANDLING:	1.42 DELIVERY, STORAGE & HANDLING:		
1.44 DELIVERY, STORAGE & HANDLING:	1.43 DELIVERY, STORAGE & HANDLING:		
1.45 DELIVERY, STORAGE & HANDLING:	1.44 DELIVERY, STORAGE & HANDLING:		
1.46 DELIVERY, STORAGE & HANDLING:	1.45 DELIVERY, STORAGE & HANDLING:		
1.47 DELIVERY, STORAGE & HANDLING:	1.46 DELIVERY, STORAGE & HANDLING:		
1.48 DELIVERY, STORAGE & HANDLING:	1.47 DELIVERY, STORAGE & HANDLING:		
1.49 DELIVERY, STORAGE & HANDLING:	1.48 DELIVERY, STORAGE & HANDLING:		
1.50 DELIVERY, STORAGE & HANDLING:	1.49 DELIVERY, STORAGE & HANDLING:		
1.51 DELIVERY, STORAGE & HANDLING:	1.50 DELIVERY, STORAGE & HANDLING:		
1.52 DELIVERY, STORAGE & HANDLING:	1.51 DELIVERY, STORAGE & HANDLING:		
1.53 DELIVERY, STORAGE & HANDLING:	1.52 DELIVERY, STORAGE & HANDLING:		
1.54 DELIVERY, STORAGE & HANDLING:	1.53 DELIVERY, STORAGE & HANDLING:		
1.55 DELIVERY, STORAGE & HANDLING:	1.54 DELIVERY, STORAGE & HANDLING:		
1.56 DELIVERY, STORAGE & HANDLING:	1.55 DELIVERY, STORAGE & HANDLING:		
1.57 DELIVERY, STORAGE & HANDLING:	1.56 DELIVERY, STORAGE & HANDLING:		
1.58 DELIVERY, STORAGE & HANDLING:	1.57 DELIVERY, STORAGE & HANDLING:		
1.59 DELIVERY, STORAGE & HANDLING:	1.58 DELIVERY, STORAGE & HANDLING:		
1.60 DELIVERY, STORAGE & HANDLING:	1.59 DELIVERY, STORAGE & HANDLING:		
1.61 DELIVERY, STORAGE & HANDLING:	1.60 DELIVERY, STORAGE & HANDLING:		
1.62 DELIVERY, STORAGE & HANDLING:	1.61 DELIVERY, STORAGE & HANDLING:		
1.63 DELIVERY, STORAGE & HANDLING:	1.62 DELIVERY, STORAGE & HANDLING:		
1.64 DELIVERY, STORAGE & HANDLING:	1.63 DELIVERY, STORAGE & HANDLING:		
1.65 DELIVERY, STORAGE & HANDLING:	1.64 DELIVERY, STORAGE & HANDLING:		
1.66 DELIVERY, STORAGE & HANDLING:	1.65 DELIVERY, STORAGE & HANDLING:		
1.67 DELIVERY, STORAGE & HANDLING:	1.66 DELIVERY, STORAGE & HANDLING:		
1.68 DELIVERY, STORAGE & HANDLING:	1.67 DELIVERY, STORAGE & HANDLING:		
1.69 DELIVERY, STORAGE & HANDLING:	1.68 DELIVERY, STORAGE & HANDLING:		
1.70 DELIVERY, STORAGE & HANDLING:	1.69 DELIVERY, STORAGE & HANDLING:		
1.71 DELIVERY, STORAGE & HANDLING:	1.70 DELIVERY, STORAGE & HANDLING:		
1.72 DELIVERY, STORAGE & HANDLING:	1.71 DELIVERY, STORAGE & HANDLING:		
1.73 DELIVERY, STORAGE & HANDLING:	1.72 DELIVERY, STORAGE & HANDLING:		
1.74 DELIVERY, STORAGE & HANDLING:	1.73 DELIVERY, STORAGE & HANDLING:		
1.75 DELIVERY, STORAGE & HANDLING:	1.74 DELIVERY, STORAGE & HANDLING:		
1.76 DELIVERY, STORAGE & HANDLING:	1.75 DELIVERY, STORAGE & HANDLING:		
1.77 DELIVERY, STORAGE & HANDLING:	1.76 DELIVERY, STORAGE & HANDLING:		
1.78 DELIVERY, STORAGE & HANDLING:	1.77 DELIVERY, STORAGE & HANDLING:		
1.79 DELIVERY, STORAGE & HANDLING:	1.78 DELIVERY, STORAGE & HANDLING:		
1.80 DELIVERY, STORAGE & HANDLING:	1.79 DELIVERY, STORAGE & HANDLING:		
1.81 DELIVERY, STORAGE & HANDLING:	1.80 DELIVERY, STORAGE & HANDLING:		
1.82 DELIVERY, STORAGE & HANDLING:	1.81 DELIVERY, STORAGE & HANDLING:		
1.83 DELIVERY, STORAGE & HANDLING:	1.82 DELIVERY, STORAGE & HANDLING:		
1.84 DELIVERY, STORAGE & HANDLING:	1.83 DELIVERY, STORAGE & HANDLING:		
1.85 DELIVERY, STORAGE & HANDLING:	1.84 DELIVERY, STORAGE & HANDLING:		
1.86 DELIVERY, STORAGE & HANDLING:	1.85 DELIVERY, STORAGE & HANDLING:		
1.87 DELIVERY, STORAGE & HANDLING:	1.86 DELIVERY, STORAGE & HANDLING:		
1.88 DELIVERY, STORAGE & HANDLING:	1.87 DELIVERY, STORAGE & HANDLING:		
1.89 DELIVERY, STORAGE & HANDLING:	1.88 DELIVERY, STORAGE & HANDLING:		
1.90 DELIVERY, STORAGE & HANDLING:	1.89 DELIVERY, STORAGE & HANDLING:		
1.91 DELIVERY, STORAGE & HANDLING:	1.90 DELIVERY, STORAGE & HANDLING:		
1.92 DELIVERY, STORAGE & HANDLING:	1.91 DELIVERY, STORAGE & HANDLING:		
1.93 DELIVERY, STORAGE & HANDLING:	1.92 DELIVERY, STORAGE & HANDLING:		
1.94 DELIVERY, STORAGE & HANDLING:	1.93 DELIVERY, STORAGE & HANDLING:		
1.95 DELIVERY, STORAGE & HANDLING:	1.94 DELIVERY, STORAGE & HANDLING:		
1.96 DELIVERY, STORAGE & HANDLING:	1.95 DELIVERY, STORAGE & HANDLING:		
1.97 DELIVERY, STORAGE & HANDLING:	1.96 DELIVERY, STORAGE & HANDLING:		
1.98 DELIVERY, STORAGE & HANDLING:	1.97 DELIVERY, STORAGE & HANDLING:		
1.99 DELIVERY, STORAGE & HANDLING:	1.98 DELIVERY, STORAGE & HANDLING:		
2.00 DELIVERY, STORAGE & HANDLING:	1.99 DELIVERY, STORAGE & HANDLING:		
2.01 DELIVERY, STORAGE & HANDLING:	2.00 DELIVERY, STORAGE & HANDLING:		
2.02 DELIVERY, STORAGE & HANDLING:	2.01 DELIVERY, STORAGE & HANDLING:		
2.03 DELIVERY, STORAGE & HANDLING:	2.02 DELIVERY, STORAGE & HANDLING:		
2.04 DELIVERY, STORAGE & HANDLING:	2.03 DELIVERY, STORAGE & HANDLING:		
2.05 DELIVERY, STORAGE & HANDLING:	2.04 DELIVERY, STORAGE & HANDLING:		
2.06 DELIVERY, STORAGE & HANDLING:	2.05 DELIVERY, STORAGE & HANDLING:		
2.07 DELIVERY, STORAGE & HANDLING:	2.06 DELIVERY, STORAGE & HANDLING:		
2.08 DELIVERY, STORAGE & HANDLING:	2.07 DELIVERY, STORAGE & HANDLING:		
2.09 DELIVERY, STORAGE & HANDLING:	2.08 DELIVERY, STORAGE & HANDLING:		
2.10 DELIVERY, STORAGE & HANDLING:	2.09 DELIVERY, STORAGE & HANDLING:		
2.11 DELIVERY, STORAGE & HANDLING:	2.10 DELIVERY, STORAGE & HANDLING:		
2.12 DELIVERY, STORAGE & HANDLING:	2.11 DELIVERY, STORAGE & HANDLING:		
2.13 DELIVERY, STORAGE & HANDLING:	2.12 DELIVERY, STORAGE & HANDLING:		
2.14 DELIVERY, STORAGE & HANDLING:	2.13 DELIVERY, STORAGE & HANDLING:		
2.15 DELIVERY, STORAGE & HANDLING:	2.14 DELIVERY, STORAGE & HANDLING:		
2.16 DELIVERY, STORAGE & HANDLING:	2.15 DELIVERY, STORAGE & HANDLING:		
2.17 DELIVERY, STORAGE & HANDLING:	2.16 DELIVERY, STORAGE & HANDLING:		
2.18 DELIVERY, STORAGE & HANDLING:	2.17 DELIVERY, STORAGE & HANDLING:		
2.19 DELIVERY, STORAGE & HANDLING:	2.18 DELIVERY, STORAGE & HANDLING:		
2.20 DELIVERY, STORAGE & HANDLING:	2.19 DELIVERY, STORAGE & HANDLING:		
2.21 DELIVERY, STORAGE & HANDLING:	2.20 DELIVERY, STORAGE & HANDLING:		
2.22 DELIVERY, STORAGE & HANDLING:	2.21 DELIVERY, STORAGE & HANDLING:		
2.23 DELIVERY, STORAGE & HANDLING:	2.22 DELIVERY, STORAGE & HANDLING:		
2.24 DELIVERY, STORAGE & HANDLING:	2.23 DELIVERY, STORAGE & HANDLING:		
2.25 DELIVERY, STORAGE & HANDLING:	2.24 DELIVERY, STORAGE & HANDLING:		
2.26 DELIVERY, STORAGE & HANDLING:	2.25 DELIVERY, STORAGE & HANDLING:		
2.27 DELIVERY, STORAGE & HANDLING:	2.26 DELIVERY, STORAGE & HANDLING:		
2.28 DELIVERY, STORAGE & HANDLING:	2.27 DELIVERY, STORAGE & HANDLING:		
2.29 DELIVERY, STORAGE & HANDLING:	2.28 DELIVERY, STORAGE & HANDLING:		
2.30 DELIVERY, STORAGE & HANDLING:	2.29 DELIVERY, STORAGE & HANDLING:		
2.31 DELIVERY, STORAGE & HANDLING:	2.30 DELIVERY, STORAGE & HANDLING:		
2.32 DELIVERY, STORAGE & HANDLING:	2.31 DELIVERY, STORAGE & HANDLING:		
2.33 DELIVERY, STORAGE & HANDLING:	2.32 DELIVERY, STORAGE & HANDLING:		
2.34 DELIVERY, STORAGE & HANDLING:	2.33 DELIVERY, STORAGE & HANDLING:		
2.35 DELIVERY, STORAGE & HANDLING:	2.34 DELIVERY, STORAGE & HANDLING:		
2.36 DELIVERY, STORAGE & HANDLING:	2.35 DELIVERY, STORAGE & HANDLING:		
2.37 DELIVERY, STORAGE & HANDLING:	2.36 DELIVERY, STORAGE & HANDLING:		
2.38 DELIVERY, STORAGE & HANDLING:	2.37 DELIVERY, STORAGE & HANDLING:		
2.39 DELIVERY, STORAGE & HANDLING:	2.38 DELIVERY, STORAGE & HANDLING:		
2.40 DELIVERY, STORAGE & HANDLING:	2.39 DELIVERY, STORAGE & HANDLING:		
2.41 DELIVERY, STORAGE & HANDLING:	2.40 DELIVERY, STORAGE & HANDLING:		
2.42 DELIVERY, STORAGE & HANDLING:	2.41 DELIVERY, STORAGE & HANDLING:		
2.43 DELIVERY, STORAGE & HANDLING:	2.42 DELIVERY, STORAGE & HANDLING:		
2.44 DELIVERY, STORAGE & HANDLING:	2.43 DELIVERY, STORAGE & HANDLING:		
2.45 DELIVERY, STORAGE & HANDLING:	2.44 DELIVERY, STORAGE & HANDLING:		
2.46 DELIVERY, STORAGE & HANDLING:	2.45 DELIVERY, STORAGE & HANDLING:		
2.47 DELIVERY, STORAGE & HANDLING:	2.46 DELIVERY, STORAGE & HANDLING:		
2.48 DELIVERY, STORAGE & HANDLING:	2.47 DELIVERY, STORAGE & HANDLING:		
2.49 DELIVERY, STORAGE & HANDLING:	2.48 DELIVERY, STORAGE & HANDLING:		
2.50 DELIVERY, STORAGE & HANDLING:	2.49 DELIVERY, STORAGE & HANDLING:		
2.51 DELIVERY, STORAGE & HANDLING:	2.50 DELIVERY, STORAGE & HANDLING:		
2.52 DELIVERY, STORAGE & HANDLING:	2.51 DELIVERY, STORAGE & HANDLING:		
2.53 DELIVERY, STORAGE & HANDLING:	2.52 DELIVERY, STORAGE & HANDLING:		
2.54 DELIVERY, STORAGE & HANDLING:	2.53 DELIVERY, STORAGE & HANDLING:		
2.55 DELIVERY, STORAGE & HANDLING:	2.54 DELIVERY, STORAGE & HANDLING:		
2.56 DELIVERY, STORAGE & HANDLING:	2.55 DELIVERY, STORAGE & HANDLING:		
2.57 DELIVERY, STORAGE & HANDLING:	2.56 DELIVERY, STORAGE & HANDLING:		
2.58 DELIVERY, STORAGE & HANDLING:	2.57 DELIVERY, STORAGE & HANDLING:		
2.59 DELIVERY, STORAGE & HANDLING:	2.58 DELIVERY, STORAGE & HANDLING:		
2.60 DELIVERY, STORAGE & HANDLING:	2.59 DELIVERY, STORAGE & HANDLING:		
2.61 DELIVERY, STORAGE & HANDLING:	2.60 DELIVERY, STORAGE & HANDLING:		
2.62 DELIVERY, STORAGE & HANDLING:	2.61 DELIVERY, STORAGE & HANDLING:		
2.63 DELIVERY, STORAGE & HANDLING:	2.62 DELIVERY, STORAGE & HANDLING:		
2.64 DELIVERY, STORAGE & HANDLING:	2.63 DELIVERY, STORAGE & HANDLING:		
2.65 DELIVERY, STORAGE & HANDLING:	2.64 DELIVERY, STORAGE & HANDLING:		
2			

**SHEET METAL FLASHING AND TRIM SECTION 07 62 00**

**PART 1 - GENERAL**

1.1 RELATED DOCUMENTS

A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION

**PART 2 - PRODUCTS**

2.1 MANUFACTURERS

A. COUNTER FLASHINGS: FRF REGLET: TYPE MA MASONRY SPRINGLOCK FLASHING OR CHENEY: TYPE B, SNAKLOCK SYSTEM OR CREEFER'S, INC.: TYPE ML MASONRY REGLET

B. PARAPET CAPINGS: PAC-CLAD PETERSON ALUMINUM; PAC-CONTINUOUS GLEAT COPINGS

C. VENTS: SIFERT DIMENSIONAL METALS, INC. OR PETERSON ALUMINUM CORPORATION OR ATLAS ALUMINUM, INC.

2.2 SHEET METAL FLASHING AND TRIM MATERIALS

A. ZINC-COATED STEEL: COMMERCIAL QUALITY WITH 120 PERCENT COPPER, ASTM A563, EXCEPT ASTM A567 FOR FINISHING, OR HOT-DIPPED GALVANIZED, MILL PHOSPHATIZED WHERE INDICATED FOR PAINTING.

B. MATERIAL GAUGES TO BE AS FOLLOWS:

- METAL FLASHING: 26 GA
- METAL CAPCOPING: 24 GA
- MISCELLANEOUS TRIM: 24 GA
- LOWER ROOF HOODS: 22 GA

C. ALL FLASHINGS AND COPINGS TO BE SELF-LOCKING WITH PERMANENT HOLD-DOWN CLIPS. ALL EXPOSED EDGES TO BE HEMMED.

D. ALL EXPOSED METALS SHALL BE PRE-FINISHED IN 'NYSAN 800' AND SHALL HAVE A 20 YEAR LIMITED PAINT WARRANTY. COLOR AS INDICATED ON DRAWINGS OR AS CHOSEN BY ARCHITECT FROM MANUFACTURER'S STANDARD SELECTION.

2.3 MISCELLANEOUS MATERIALS AND ACCESSORIES

A. SOLDER: FOR USE WITH STEEL OR COPPER; PROVIDE 50-50 TIN/LEAD SOLDER (ASTM B2), WITH ROSIN FLUX

B. FASTENERS: SAME METAL AS FLASHING SHEET METAL OR OTHER NON-CORROSIVE METAL AS RECOMMENDED BY SHEET MANUFACTURER. MATCH FINISH OF EXPOSED METALS WITH MATERIAL BEING FASTENED.

C. BITUMINOUS COATING: SSPC - PAINT 12. SOLVENT TYPE BITUMINOUS MASTIC, NOMINALLY FREE OF SULFUR, COMPOUNDED OF 15 MIL DRY FILM THICKNESS PER COAT

D. MASTIC SEALANT: POLYSILOXYLENE, NON-HARDENING, NON-SKINNING, NON-SHRINKING, NON-MIGRATING SEALANT.

E. ELASTOMERIC SEALANT: GENERIC TYPE RECOMMENDED BY MANUFACTURER OF METAL AND FABRICATED COMPONENTS. PROVIDE FIRESTOPPING THAT COMPLES WITH THE FOLLOWING REQUIREMENTS AND THOSE SPECIFIED UNDER THE SYSTEM PERFORMANCE REQUIREMENTS' ARTICLE.

F. EPXY SEAL SEALER: TWO-PART NON-CORROSIVE METAL SEAL CEMENTING COMPOUND RECOMMENDED BY THE METAL MANUFACTURER FOR USE ON EXTERIOR/INTERIOR NON-MOVING JOINTS INCLUDING REVEALED JOINTS

G. ADHESIVE: TYPE RECOMMENDED BY FLASHING SHEET MANUFACTURER FOR WEATHERPROOF/WEATHER-RESISTANT SEAMING AND ADHESIVE APPLICATION FOR FLASHING SHEET.

H. PAPER SLIP SHEET: 5-LB. ROBIN - SIZED BUILDING PAPER

I. POLYETHYLENE UNDERLAYMENT: MINIMUM 6 MIL CARBONATED POLYETHYLENE FILM, RESISTANT TO SOAK WHEN TESTED IN ACCORDANCE WITH ASTM E24.

J. REGLETS: METAL UNITS OF TYPE AND PROFILE INDICATED, COMPATIBLE WITH FLASHING INDICATED, NON-CORROSIVE.

K. METAL ACCESSORIES: PROVIDE SHEET METAL CLIPS, STAPLS, ANCHORING NUTS, AND SIMILAR ACCESSORY UNITS AS REQUIRED FOR INSTALLATION OF WORK. MATCHING OR COMPATIBLE WITH MATERIAL BEING INSTALLED. NON-CORROSIVE. SIZE AND GAUGE REQUIRED FOR PERFORMANCE.

L. ELASTIC FLASHING FILLER: CLOSED CELL POLYETHYLENE OR OTHER SOFT GELL MATERIAL RECOMMENDED BY ELASTIC FLASHING MANUFACTURER AS FILLER UNDER FLASHING LOOPS TO ENSURE MOVEMENT WITH MINIMUM STRESS ON FLASHING SHEET.

M. ROOFING CEMENT: ASTM D2822, ASPHALTIC.

2.4 FABRICATED UNITS

A. GENERAL: METAL FABRICATION: COMPLY WITH DETAILS SHOWN AND WITH APPLICABLE REQUIREMENTS OF SMACNA ARCHITECTURE, SHEET METAL MANUAL, AND OTHER RECORDED INDUSTRY PRACTICES. FABRICATE WEATHERPROOF AND WEATHER RESISTANT PERFORMANCE WITH EXPANSION PROVISIONS FOR RAINING WORK, SUFFICIENT TO PERMANENTLY PREVENT SEAKAGE DURING OPERATION OF THE WORK. FORM WORK TO BE INSTALLED ON SUBSTRATES. COMPLY WITH MATERIAL MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS FOR FORMING MATERIAL. FORM EXPANSION JOINTS WITH METAL WORK WITHOUT EXCESSIVE OIL-CANNING, BUCKLING OR TOOL MARKS. TRUE TO LINE AND LEVELS INDICATED WITH ALL EXPOSED EDGES FOLDED BACK TO FORM SEAMS AND SOLDES.

B. SEAMS: FABRICATE NON-MOVING SEAMS IN SHEET METAL WITH FLAT-LOCK SEAMS. TW EDGES TO BE SEAMED, FORM SEAMS AND SOLDER.

C. EXPANSION PROVISIONS: WHEN LAPPED OR BAYONET TYPE EXPANSION PROVISIONS ARE USED IN WORK, THEY MAY NOT BE SUFFICIENTLY WEATHERPROOF. FORM EXPANSION JOINTS OF INTERSECTING HOOKED FLANGES, NOT LESS THAN 1/2 INCH DEEP, FILLED WITH MASTIC SEALANT (CONCEALED WITH JOINT).

D. SEALANT JOINTS: WHERE MOVABLE, NON-EXPANSIVE JOINT JOINTS ARE INDICATED OR REQUIRED FOR PROPER PERFORMANCE OF WORK, FORM METAL TO PROVIDE FOR PROPER INSTALLATION OF ELASTOMERIC SEALANT IN COMPLIANCE WITH SMACNA STANDARDS.

E. SEPARATIONS: PROVIDE FOR SEPARATION OF METAL FROM INCOMPATIBLE METAL OR CORROSIVE SUBSTRATE BY COATING CONCEALED SURFACES AT LOCATIONS OF CONTACT WITH BITUMINOUS COATING OR OTHER PERMANENT SEPARATION AS RECOMMENDED BY THE MANUFACTURER/FABRICATOR.

**SPRASH-BLOCK: CONCRETE: 12" W. X 24" L. (MIN)**

2.4 FABRICATION

A. FORM GUTTERS AND DOWNSPOUTS OF PROFILES AND SIZE INDICATED.

B. FABRICATE WITH REQUIRED CONNECTION PIECES.

C. FORM SECTIONS SQUARE, TRUE, AND ACCURATE IN SIZE, IN MAXIMUM POSSIBLE LENGTHS, FREE OF DISTORTION OR DEFECTS SETBACK TO APPEARANCE OR PERFORMANCE. ALLOW FOR EXPANSION AT JOINTS.

D. HEM EXPOSED EDGES OF METAL MIN 1/2" FOLD OVER.

E. FABRICATE GUTTER AND DOWNSPOUT ACCESSORIES: SEAL, WATERHAT, 2.5 FACTORY FINISHING

A. THERMO CURED FLUOROCARBON 'NYSAN 800' RESIN COATING.

B. PRIMER COAT: FINISH CONVEALED SIDE OF METAL SHEETS WITH HIGH COAT AND PRIMER COMPATIBLE WITH FINISH SYSTEM AS RECOMMENDED BY FINISH SYSTEM MANUFACTURER.

**PART 3 - EXECUTION**

3.1 EXAMINATION

A. VERIFY THAT SURFACES ARE READY TO RECEIVE WORK.

3.2 PREPARATION

A. PAINT CONCEALED METAL SURFACES AND SURFACES IN CONTACT WITH DISSIMILAR METALS WITH PROTECTIVE BACKING PAINT TO A MINIMUM DRY FILM THICKNESS OF 15 MIL.

3.3 INSTALLATION

A. INSTALL GUTTERS, DOWNSPOUTS, AND ACCESSORIES AS SPECIFIED.

B. SHEET METAL: JOIN LENGTHS WITH SEAMS SEALED WATERIGHT, FLASH AND SEAL GUTTERS TO DOWNSPOUTS PROVIDE POSITIVE DRAINAGE TO DOWNSPOUTS.

C. SLOPE GUTTERS TO DOWNSPOUTS PROVIDE POSITIVE DRAINAGE TO DOWNSPOUTS.

D. CONNECT DOWNSPOUTS TO DOWNSPOUT BOOTS AT STORM SEWER SYSTEM SEAL CONNECTION WATERIGHT. PROVIDE FLASH BLOCK AT ALL LOCATIONS WHERE DOWNSPOUTS DO NOT TIE INTO A STORM SEWER.

END OF SECTION 07 62 00

**FIRESTOPPING SECTION 07 84 00**

**PART 1 - GENERAL**

1.1 RELATED DOCUMENTS

A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION

1.2 QUALITY ASSURANCE

A. FIRE TEST RESPONSE CHARACTERISTICS: PROVIDE FIRESTOPPING THAT COMPLES WITH THE FOLLOWING REQUIREMENTS AND THOSE SPECIFIED UNDER THE SYSTEM PERFORMANCE REQUIREMENTS' ARTICLE.

3. FIRESTOPPING TESTS ARE PERFORMED BY A QUALIFIED TESTING AND INSPECTING AGENCY. A QUALIFIED TESTING AND INSPECTING AGENCY IS UL WADCOCK HERSEY, OR ANOTHER AGENCY PERFORMING TESTING AND FOLLOW UP INSPECTION SERVICES FOR FIRESTOP SYSTEMS THAT IS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

3.4 THROUGH-PENETRATION FIRESTOP SYSTEMS ARE IDENTICAL TO THOSE TESTED PER ASTM E 814 UNDER CONDITIONS WHERE POSITIVE FURNACE PRESSURE DIFFERENTIAL OF AT LEAST 0.1 INCH OF WATER IS MAINTAINED AT A DISTANCE OF 18 INCH BELOW THE FILL MATERIALS SURROUNDING THE PENETRATING ITEM IN THE ASSEMBLY. PROVIDE RATED SYSTEMS COMPLYING WITH THE FOLLOWING REQUIREMENTS:

- THROUGH-PENETRATION FIRESTOP SYSTEM PRODUCTS BEAR CLASSIFICATION MARKING OF QUALIFIED TESTING AND INSPECTING AGENCY.
- THROUGH-PENETRATION FIRESTOP SYSTEMS CORRESPOND TO THOSE INDICATED BY REFERENCED TO THEIR THROUGH-PENETRATION FIRESTOP SYSTEM DESIGNATIONS LISTED BY UL IN THEIR FIRE RESISTANCE DIRECTORY, BY WADCOCK HERSEY.

5. FIRE-RESISTIVE JOINT SEALANT SYSTEMS ARE IDENTICAL TO THOSE TESTED FOR FIRE-RESPONSE CHARACTERISTICS PER ASTM E 119 UNDER CONDITIONS WHERE THE POSITIVE FURNACE PRESSURE DIFFERENTIAL IS AT LEAST 0.1 INCH OF WATER AS MEASURED 78 INCH FROM THE FACE EXPOSED TO FURNACE FIRE. PROVIDE SYSTEMS COMPLYING WITH THE FOLLOWING REQUIREMENTS:

- FIRE-RESISTANCE RATINGS OF JOINT SEALANTS: AS INDICATED BY PROVISIONS FOR FIRESTOPPING THAT COMPLES WITH THE FOLLOWING REQUIREMENTS AND THOSE SPECIFIED UNDER THE SYSTEM PERFORMANCE REQUIREMENTS' ARTICLE OR BY ANOTHER QUALIFIED TESTING AND INSPECTING AGENCY.
- JOB SEALANTS INCLUDING BACKING MATERIAL, BEAR CLASSIFICATION MARKING OF QUALIFIED TESTING AND INSPECTION AGENCY.

B. INSTALLER QUALIFICATION: ENGAGE AN EXPERIENCED INSTALLER WHO HAS COMPLETED FIRESTOPPING THAT IS SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR PROJECT AND THAT HAS PERFORMED SUCCESSFULLY.

C. SINGLE-SOURCE RESPONSIBILITY: OBTAIN THROUGH-PENETRATION FIRESTOP SYSTEMS FOR EACH KIND OF PENETRATION AND CONSTRUCTION CONDITION INDICATED FROM A SINGLE MANUFACTURER.

D. PROVIDE FIRESTOPPING PRODUCTS CONTAINING NO DETECTABLE ASBESTOS AS APPENDIX A, SECTION 1, "POLYMERIZED LIGHT MICROSCOPY"

1.3 DELIVERY, STORAGE AND HANDLING

A. DELIVER FIRESTOPPING PRODUCTS TO PROJECT SITE IN ORIGINAL, UNOPENED CONTAINERS OR PACKAGES WITH INTACT AND LEGIBLE MANUFACTURER LABELS IDENTIFYING PRODUCT AND MANUFACTURER, PRODUCT NAME, AND MANUFACTURE LOT NUMBER, SHEET LIFE, IF APPLICABLE, QUALIFIED TESTING AND INSPECTING AGENCY'S CLASSIFICATION MARKING APPLICABLE TO PROJECT, CURING TIME, AND MIXING INSTRUCTIONS FOR MULTICOMPONENT MATERIALS.

B. STORE AND HANDLE FIRESTOPPING MATERIALS TO PREVENT THEIR DETEIORATION OR DAMAGE DUE TO MOISTURE, TEMPERATURE CHANGES, CONTAMINANTS, OR OTHER CAUSES.

1.4 PROJECT CONDITIONS

A. ENVIRONMENTAL CONDITIONS: DO NOT INSTALL FIRESTOPPING WHEN AMBIENT OR SUBSTRATE TEMPERATURES ARE OUTSIDE LIMITS PERMITTED BY FIRESTOPPING MANUFACTURER OR WHEN SUBSTRATES ARE WET DUE TO RAIN, ROOF, CONDENSATION, OR OTHER CAUSES.

B. VENTILATION: VENTILATE FIRESTOPPING PER FIRESTOPPING MANUFACTURERS' INSTRUCTIONS BY NATURAL MEANS OR, WHERE THIS IS INADEQUATE, FORCE AIR CIRCULATION.

2.1 FIRESTOPPING, GENERAL

A. COMPATIBILITY: FIRESTOPPING COMPOSED OF COMPONENTS THAT ARE COMPATIBLE WITH EACH OTHER, THE SUBSTRATE FORMING OPENINGS, AND THE ITEMS, IF ANY, PENETRATING THE FIRESTOPPING UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY FIRESTOPPING MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.

B. ACCESSORIES: PROVIDE COMPONENTS FOR EACH FIRESTOPPING SYSTEM THAT ARE NEEDED TO INSTALL FILL MATERIALS AND TO COMPLY WITH THE SYSTEM PERFORMANCE REQUIREMENTS' ARTICLE IN PART 1. USE ONLY COMPONENTS SPECIFIED BY THE FIRESTOPPING MANUFACTURER AND APPROVED BY THE QUALIFIED TESTING AND INSPECTING AGENCY FOR THE DESIGNATED FIRE-RESISTANCE-RATED SYSTEMS. ACCESSORIES INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING ITEMS:

- PERMANENT FORMING/DAMMING/BACKING MATERIALS INCLUDING THE FOLLOWING:
  - SEMI-FIBROUS FIBER (MINERAL WOOL) INSULATION
  - CERAMIC FIBER
  - SEALANTS USED IN COMBINATION WITH OTHER FORMING/DAMMING MATERIALS TO PREVENT LEAKAGE OF FILL MATERIALS IN LIQUID STATE
  - FIRE-ALTERED FORMBOARD
  - JOINT FILLERS FOR JOINT SEALANTS

2.2 MATERIALS FOR THROUGH-PENETRATION FIRESTOP SYSTEMS

A. INTUMESCENT WRAP STRIPS: SINGLE-COMPONENT, ELASTOMERIC SHEET WITH ALUMINUM FOL ON ONE SIDE.

B. SILICONE FOAM: TWO-COMPONENT, SILICONE-BASED LIQUID ELASTOMER THAT, WHEN MIXED, EXPANDS AND CURES IN PLACE TO PRODUCE A FLEXIBLE, NONSHRINKING FOAM.

C. SILICONE SEALANT: MOISTURE-CURING, SINGLE-COMPONENT, SILICONE-BASED, NEUTRAL-CURING ELASTOMERIC SEALANT OF NONSAG GRADE FOR OPENINGS IN VERTICAL AND OTHER SURFACES.

D. INTUMESCENT WRAP STRIPS: PROVIDE ONE OF THE FOLLOWING PRODUCTS: FIRE STOP INTUMESCENT WRAP STRIP 2002 BY DOW CORNING CORP. OR CS403 INTUMESCENT WRAP BY HILLI CONSTRUCTION CHEMICALS, INC. OR FIRE BARRIER ES-10 WARRIPTF, 3M FIRE PROTECTION PRODUCTS.

E. SILICONE FOAMS: FIRE STOP FOAM 2001 BY DOW CORNING CORP. OR PENEL 200 FOAM BY GENERAL ELECTRIC CO.

F. SILICONE SEALANTS: FIRESTOP SEALANT 2002 BY DOW CORNING CORP. OR FENEL 100 FIRESTOP SEALANT BY GENERAL ELECTRIC CO. OR G546 FIRESTOP SEALANT BY HILLI CONSTRUCTION CHEMICALS, INC.

2.3 FIRE-RESISTIVE ELASTOMERIC JOINT SEALANTS

A. ELASTOMERIC SEALANT STANDARD: PROVIDE MANUFACTURERS STANDARD CHEMICAL CURING, ELASTOMERIC SEALANTS OF BASE POLYMER INDICATED THAT COMPLES WITH ASTM C 920 REQUIREMENTS, INCLUDING THOSE REFERENCED FOR TYPE, GRADE, CLASS, AND USES, AND REQUIREMENTS SPECIFIED IN THIS SECTION APPLICABLE TO FIRE-RESISTIVE JOINT SEALANTS.

B. SEALANT COLORS: PROVIDE COLOR OF EXPOSED JOINT SEALANT. COLOR SELECTIONS MADE BY ARCHITECT FROM MANUFACTURERS FULL RANGE OF STANDARD COLORS FOR PRODUCTS OF TYPE INDICATED.

C. SINGLE-COMPONENT, NEUTRAL-CURING SILICONE SEALANT: TYPE S, GRADE NS, CLASS 25. EXPOSURE-RELATED USE NT, AND JOINT-SUBSTRATE-RELATED USES M, S, A, AND AS APPLICABLE TO JOINT SUBSTRATES INDICATED 0.

- ADDITIONAL MOVEMENT CAPABILITY: PROVIDE SEALANT WITH THE CAPABILITY TO WITHSTAND THE FOLLOWING PERCENTAGE CHANGES IN JOINT WIDTH EXISTING AT TIME OF INSTALLATION, INCLUDING THOSE FOR ADHESION AND COHESION UNDER MAXIMUM CYCLIC MOVEMENT PER ASTM C 778, AND REMAIN IN COMPLIANCE WITH OTHER REQUIREMENTS OF ASTM C 920 FOR USES INDICATED.
- 100 PERCENT MOVEMENT IN EXTENSION AND 50 PERCENT MOVEMENT IN COMPRESSION FOR A TOTAL OF 150 PERCENT MOVEMENT.

D. SINGLE-COMPONENT, NEUTRAL-CURING, SILICONE SEALANT: DOW CORNING 750 BY DOW CORNING CORP. OR SPECTRUM 1 BY TREMCO.

**PART 3 - EXECUTION**

3.1 EXAMINATION

A. EXAMINE SUBSTRATES AND CONDITIONS, WITH INSTALLER PRESENT, FOR

**COMPLIANCE WITH REQUIREMENTS FOR OPENING CONFIGURATIONS, PENETRATING ITEMS, SUBSTRATES, AND OTHER CONDITIONS AFFECTING PERFORMANCE OF FIRESTOPPING. DO NOT PROCEED WITH INSTALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.**

b. SNAK CORPORATION, CONSTRUCTION PRODUCTS DIVISION; SNAKFLX 15LM.

c. TREMCO INCORPORATED, VULKEM 621 OR DYMNOAC FC.

3.2 PREPARATION

A. SURFACE CLEANING: CLEAN OUT OPENINGS AND JOINTS IMMEDIATELY PRIOR TO INSTALLING FIRESTOPPING TO COMPLY WITH RECOMMENDATIONS OF FIRESTOPPING MANUFACTURERS AND THE FOLLOWING REQUIREMENTS. REMOVE ALL FOREIGN MATERIALS FROM SURFACES OF OPENING AND JOINT SUBSTRATES AND FROM PENETRATING ITEMS THAT COULD INTERFERE WITH ADHESION OF FIRESTOPPING. CLEAN OPENING AND JOINT SUBSTRATES TO REMOVE ALL ITEMS TO PRODUCE CLEAN, SOUND SURFACES CAPABLE OF DEVELOPING OPTIMUM BOND WITH FIRESTOPPING. REMOVE LOOSE PARTICLES REMAINING FROM CLEANING OPERATION. REMOVE LANTAGE AND FORM RELEASE AGENTS FROM CONCRETE.

B. PRIMING: PRIME SUBSTRATES WHERE RECOMMENDED BY FIRESTOPPING MANUFACTURER USING THAT MANUFACTURERS RECOMMENDED PRODUCTS AND METHOD. COATING PRIMERS TO AREAS OF BOND. DO NOT ALLOW SPILLAGE AND MIGRATION ONTO EXPOSED SURFACES.

C. MASKING TAPE: USE MASKING TAPE TO PREVENT FIRESTOPPING FROM CONTACTING ADJACENT SURFACES THAT WILL REMAIN EXPOSED UPON COMPLETION OF WORK AND THAT WOULD OTHERWISE BE PERMANENTLY STAINED OR DAMAGED BY SUCH CONTACT OR BY CLEANING METHODS USED TO REMOVE GREASES FROM FIRESTOPPING MATERIALS. REMOVE TAPE AS SOON AS IT IS POSSIBLE TO DO SO WITHOUT DISTURBING FIRESTOPPING'S SEAL WITH SUBSTRATES.

3.3 INSTALLING THROUGH-PENETRATION FIRESTOPS

A. GENERAL: COMPLY WITH THE "SYSTEM PERFORMANCE REQUIREMENTS" ARTICLE IN PART 1 AND THE THROUGH-PENETRATION FIRESTOP MANUFACTURERS' INSTALLATION INSTRUCTIONS AND DRAWINGS PERTAINING TO PRODUCTS AND APPLICATIONS INDICATED.

B. INSTALL FORMING/DAMMING MATERIALS AND OTHER ACCESSORIES OF TYPES REQUIRED TO SUPPORT FILL MATERIALS TO BE INSTALLED AT POSITION BEFORE THE POSITION NEEDED TO PRODUCE THE CROSS-SECTIONAL SHAPES AND DEPTHS REQUIRED TO ACHIEVE FIRE RATINGS OF DESIGNATED THROUGH-PENETRATION FIRESTOP SYSTEMS. AFTER INSTALLING FILL MATERIALS, REMOVE COMBUSTIBLE FORMING MATERIALS AND OTHER ACCESSORIES NOT INDICATED AS DEMONSTRATED BY TESTING REPRESENTATIVE ASSEMBLIES ACCORDING TO ITEM 9.

3.4 INSTALLING FIRE-RESISTIVE JOINT SEALANTS

A. GENERAL: COMPLY WITH THE "SYSTEM PERFORMANCE REQUIREMENTS" ARTICLE IN PART 1 WITH ASTM E 1189 AND WITH THE SEALANT MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DRAWINGS PERTAINING TO PRODUCTS AND APPLICATIONS INDICATED.

B. INSTALL JOINT FILLERS TO PROVIDE SUPPORT OF SEALANTS DURING APPLICATION AND AT POSITION REQUIRED TO PRODUCE THE CROSS-SECTIONAL SHAPES AND DEPTHS OF INSTALLED SEALANTS RELATIVE TO JOINT WIDTHS THAT ALLOW OPTIMUM SEALANT MOVEMENT CAPABILITY AND DEVELOP FIRE-RESISTANCE RATING REQUIRED.

C. INSTALL SEALANTS BY PROVEN TECHNIQUES THAT RESULT IN SEALANTS DIRECTLY CONTACTING AND FULLY WETTING JOINT SUBSTRATES, COMPLETELY FILLING RECESSES PROVIDED FOR EACH JOINT CONFIGURATION, AND PROVIDING UNIFORM CROSS-SECTIONAL SHAPES AND DEPTHS RELATIVE TO JOINT WIDTH THAT OPTIMUM SEALANT MOVEMENT CAPABILITY. INSTALL SEALANTS AT THE SAME TIME JOINT FILLERS ARE INSTALLED.

3.5 CLEANING

A. CLEAN OFF EXCESS FILL MATERIALS AND SEALANTS ADJACENT TO OPENINGS AND JOINTS AS WORK PROGRESSES BY METHODS AND WITH CLEANING MATERIALS RECOMMENDED BY MANUFACTURERS OF FIRESTOPPING PRODUCTS AND OF PRODUCTS IN WHICH OPENING AND JOINTS OCCUR.

B. PROTECT FIRESTOPPING DURING AND AFTER CURING PERIOD FROM CONTACT WITH CONTAMINATING SUBSTANCES OR FROM DAMAGE RESULTING FROM CONSTRUCTION OPERATIONS OR OTHER CAUSES SO THAT THEY ARE WITHOUT DETRIORATION OR DAMAGE AT THE TIME OF CONTRACT COMPLETION. IF, DESPITE SUCH PROTECTION, DAMAGE OR DETRIORATION OCCURS, REMOVE AND REPLACE DAMAGED OR DETRIORATED FIRESTOPPING IMMEDIATELY AND INSTALL NEW MATERIALS TO PRODUCE FIRESTOPPING COMPLYING WITH SPECIFIED REQUIREMENTS.

C. CLEAN OFF EXCESS FILL MATERIALS AND SEALANTS ADJACENT TO JOINTS AS WORK PROGRESSES BY METHODS AND WITH CLEANING MATERIALS APPROVED BY MANUFACTURERS OF JOINT SEALANTS AND OF PRODUCTS IN WHICH JOINTS OCCUR.

D. PRECONSTRUCTION FIELD TESTING: PRIOR TO INSTALLATION OF JOINT SEALANTS, FIELD TEST THEIR ADHESION TO JOINT SUBSTRATES AS FOLLOWS. LOCATE TEST JOINTS WHERE INDICATED OR, IF NOT INDICATED, AS DIRECTED BY ASSOCIATE CONDUCT FIELD TESTS FOR EACH APPLICATION, LOCATION, AND CONFIGURATION OF ELASTOMERIC SEALANT AND JOINT SUBSTRATE INDICATED.

END OF SECTION 07 84 00

**COMPLIANCE WITH REQUIREMENTS FOR OPENING CONFIGURATIONS, PENETRATING ITEMS, SUBSTRATES, AND OTHER CONDITIONS AFFECTING PERFORMANCE OF FIRESTOPPING. DO NOT PROCEED WITH INSTALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.**

b. SNAK CORPORATION, CONSTRUCTION PRODUCTS DIVISION; SNAKFLX 15LM.

c. TREMCO INCORPORATED, VULKEM 621 OR DYMNOAC FC.

3.2 PREPARATION

A. SURFACE CLEANING: CLEAN OUT OPENINGS AND JOINTS IMMEDIATELY PRIOR TO INSTALLING FIRESTOPPING TO COMPLY WITH RECOMMENDATIONS OF FIRESTOPPING MANUFACTURERS AND THE FOLLOWING REQUIREMENTS. REMOVE ALL FOREIGN MATERIALS FROM SURFACES OF OPENING AND JOINT SUBSTRATES AND FROM PENETRATING ITEMS THAT COULD INTERFERE WITH ADHESION OF FIRESTOPPING. CLEAN OPENING AND JOINT SUBSTRATES TO REMOVE ALL ITEMS TO PRODUCE CLEAN, SOUND SURFACES CAPABLE OF DEVELOPING OPTIMUM BOND WITH FIRESTOPPING. REMOVE LOOSE PARTICLES REMAINING FROM CLEANING OPERATION. REMOVE LANTAGE AND FORM RELEASE AGENTS FROM CONCRETE.

B. PRIMING: PRIME SUBSTRATES WHERE RECOMMENDED BY FIRESTOPPING MANUFACTURER USING THAT MANUFACTURERS RECOMMENDED PRODUCTS AND METHOD. COATING PRIMERS TO AREAS OF BOND. DO NOT ALLOW SPILLAGE AND MIGRATION ONTO EXPOSED SURFACES.

C. MASKING TAPE: USE MASKING TAPE TO PREVENT FIRESTOPPING FROM CONTACTING ADJACENT SURFACES THAT WILL REMAIN EXPOSED UPON COMPLETION OF WORK AND THAT WOULD OTHERWISE BE PERMANENTLY STAINED OR DAMAGED BY SUCH CONTACT OR BY CLEANING METHODS USED TO REMOVE GREASES FROM FIRESTOPPING MATERIALS. REMOVE TAPE AS SOON AS IT IS POSSIBLE TO DO SO WITHOUT DISTURBING FIRESTOPPING'S SEAL WITH SUBSTRATES.

3.3 INSTALLING THROUGH-PENETRATION FIRESTOPS

A. GENERAL: COMPLY WITH THE "SYSTEM PERFORMANCE REQUIREMENTS" ARTICLE IN PART 1 AND THE THROUGH-PENETRATION FIRESTOP MANUFACTURERS' INSTALLATION INSTRUCTIONS AND DRAWINGS PERTAINING TO PRODUCTS AND APPLICATIONS INDICATED.

B. INSTALL FORMING/DAMMING MATERIALS AND OTHER ACCESSORIES OF TYPES REQUIRED TO SUPPORT FILL MATERIALS TO BE INSTALLED AT POSITION BEFORE THE POSITION NEEDED TO PRODUCE THE CROSS-SECTIONAL SHAPES AND DEPTHS REQUIRED TO ACHIEVE FIRE RATINGS OF DESIGNATED THROUGH-PENETRATION FIRESTOP SYSTEMS. AFTER INSTALLING FILL MATERIALS, REMOVE COMBUSTIBLE FORMING MATERIALS AND OTHER ACCESSORIES NOT INDICATED AS DEMONSTRATED BY TESTING REPRESENTATIVE ASSEMBLIES ACCORDING TO ITEM 9.

3.4 INSTALLING FIRE-RESISTIVE JOINT SEALANTS

A. GENERAL: COMPLY WITH THE "SYSTEM PERFORMANCE REQUIREMENTS" ARTICLE IN PART 1 WITH ASTM E 1189 AND WITH THE SEALANT MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DRAWINGS PERTAINING TO PRODUCTS AND APPLICATIONS INDICATED.

B. INSTALL JOINT FILLERS TO PROVIDE SUPPORT OF SEALANTS DURING APPLICATION AND AT POSITION REQUIRED TO PRODUCE THE CROSS-SECTIONAL SHAPES AND DEPTHS OF INSTALLED SEALANTS RELATIVE TO JOINT WIDTHS THAT ALLOW OPTIMUM SEALANT MOVEMENT CAPABILITY AND DEVELOP FIRE-RESISTANCE RATING REQUIRED.

C. INSTALL SEALANTS BY PROVEN TECHNIQUES THAT RESULT IN SEALANTS DIRECTLY CONTACTING AND FULLY WETTING JOINT SUBSTRATES, COMPLETELY FILLING RECESSES PROVIDED FOR EACH JOINT CONFIGURATION, AND PROVIDING UNIFORM CROSS-SECTIONAL SHAPES AND DEPTHS RELATIVE TO JOINT WIDTH THAT OPTIMUM SEALANT MOVEMENT CAPABILITY. INSTALL SEALANTS AT THE SAME TIME JOINT FILLERS ARE INSTALLED.

3.5 CLEANING

A. CLEAN OFF EXCESS FILL MATERIALS AND SEALANTS ADJACENT TO OPENINGS AND JOINTS AS WORK PROGRESSES BY METHODS AND WITH CLEANING MATERIALS RECOMMENDED BY MANUFACTURERS OF FIRESTOPPING PRODUCTS AND OF PRODUCTS IN WHICH OPENING AND JOINTS OCCUR.

B. PROTECT FIRESTOPPING DURING AND AFTER CURING PERIOD FROM CONTACT WITH CONTAMINATING SUBSTANCES OR FROM DAMAGE RESULTING FROM CONSTRUCTION OPERATIONS OR OTHER CAUSES SO THAT THEY ARE WITHOUT DETRIORATION OR DAMAGE AT THE TIME OF CONTRACT COMPLETION. IF, DESPITE SUCH PROTECTION, DAMAGE OR DETRIORATION OCCURS, REMOVE AND REPLACE DAMAGED OR DETRIORATED FIRESTOPPING IMMEDIATELY AND INSTALL NEW MATERIALS TO PRODUCE FIRESTOPPING COMPLYING WITH SPECIFIED REQUIREMENTS.

C. CLEAN OFF EXCESS FILL MATERIALS AND SEALANTS ADJACENT TO JOINTS AS WORK PROGRESSES BY METHODS AND WITH CLEANING MATERIALS APPROVED BY MANUFACTURERS OF JOINT SEALANTS AND OF PRODUCTS IN WHICH JOINTS OCCUR.

D. PRECONSTRUCTION FIELD TESTING: PRIOR TO INSTALLATION OF JOINT SEALANTS, FIELD TEST THEIR ADHESION TO JOINT SUBSTRATES AS FOLLOWS. LOCATE TEST JOINTS WHERE INDICATED OR, IF NOT INDICATED, AS DIRECTED BY ASSOCIATE CONDUCT FIELD TESTS FOR EACH APPLICATION, LOCATION, AND CONFIGURATION OF ELASTOMERIC SEALANT AND JOINT SUBSTRATE INDICATED.

END OF SECTION 07 84 00

**JOINT SEALANTS SECTION 07 92 00**

**PART 1 - GENERAL**

1.1 RELATED DOCUMENTS

A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT APPLY TO THIS SECTION

1.2 QUALITY ASSURANCE

A. EXAMINE JOINTS INDICATED TO RECEIVE JOINT SEALANTS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR JOINT CONFIGURATION, INSTALLATION TOLERANCES, AND OTHER CONDITIONS AFFECTING JOINT SEALANT PERFORMANCE. DO NOT PROCEED WITH INSTALLATION OF JOINT SEALANTS UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.1 EXAMINATION

A. EXAMINE JOINTS INDICATED TO RECEIVE JOINT SEALANTS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR JOINT CONFIGURATION, INSTALLATION TOLERANCES, AND OTHER CONDITIONS AFFECTING JOINT SEALANT PERFORMANCE. DO NOT PROCEED WITH INSTALLATION OF JOINT SEALANTS UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2 PREPARATION

A. SURFACE CLEANING OF JOINTS: CLEAN OUT JOINTS IMMEDIATELY BEFORE INSTALLING JOINT SEALANTS TO COMPLY WITH RECOMMENDATIONS OF JOINT SEALANT MANUFACTURER.

3.3 INSTALLATION OF JOINT SEALANTS

A. GENERAL: COMPLY WITH JOINT SEALANT MANUFACTURERS PRINTED INSTALLATION INSTRUCTIONS APPLICABLE TO PRODUCTS AND APPLICATIONS INDICATED, EXCEPT WHERE MORE STRINGENT REQUIREMENTS APPLY.

B. SEALANT INSTALLATION STANDARD: COMPLY WITH RECOMMENDATIONS OF ASTM 1183 FOR USE OF JOINT SEALANTS AS APPLICABLE TO MATERIALS, APPLICATIONS, AND CONDITIONS INDICATED.

3.4 CLEANING

A. CLEAN OFF EXCESS SEALANT OR SEALANT RESIDUES ADJACENT TO JOINTS AS WORK PROGRESSES BY METHODS AND WITH CLEANING MATERIALS APPROVED BY MANUFACTURERS OF JOINT SEALANTS AND OF PRODUCTS IN WHICH JOINTS OCCUR.

B. SEALANT INSTALLATION STANDARD: COMPLY WITH RECOMMENDATIONS OF ASTM 1183 FOR USE OF JOINT SEALANTS AS APPLICABLE TO MATERIALS, APPLICATIONS, AND CONDITIONS INDICATED.

3.4 CLEANING

A. CLEAN OFF EXCESS SEALANT OR SEALANT RESIDUES ADJACENT TO JOINTS AS WORK PROGRESSES BY METHODS AND WITH CLEANING MATERIALS APPROVED BY MANUFACTURERS OF JOINT SEALANTS AND OF PRODUCTS IN WHICH JOINTS OCCUR.

END OF SECTION 07 92 00

**DIVISION 8 - OPENINGS**

NOT USED

**PREPARATION**

A. SURFACE CLEANING: CLEAN OUT OPENINGS AND JOINTS IMMEDIATELY PRIOR TO INSTALLING FIRESTOPPING TO COMPLY WITH RECOMMENDATIONS OF FIRESTOPPING MANUFACTURERS AND THE FOLLOWING REQUIREMENTS. REMOVE ALL FOREIGN MATERIALS FROM SURFACES OF OPENING AND JOINT SUBSTRATES AND FROM PENETRATING ITEMS THAT COULD INTERFERE WITH ADHESION OF FIRESTOPPING. CLEAN OPENING AND JOINT SUBSTRATES TO REMOVE ALL ITEMS TO PRODUCE CLEAN, SOUND SURFACES CAPABLE OF DEVELOPING OPTIMUM BOND WITH FIRESTOPPING. REMOVE LOOSE PARTICLES REMAINING FROM CLEANING OPERATION. REMOVE LANTAGE AND FORM RELEASE AGENTS FROM CONCRETE.

B. PRIMER COAT: FINISH CONVEALED SIDE OF METAL SHEETS WITH HIGH COAT AND PRIMER COMPATIBLE WITH FINISH SYSTEM AS RECOMMENDED BY FINISH SYSTEM MANUFACTURER.

2.4 LATEX JOINT SEALANTS

A. 'S-4' LATEX JOINT SEALANT: ACRYLIC LATEX OR SILICONIZED ACRYLIC LATEX, ASTM C 834, TYPE OC, GRADE NF

1. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:

- BOSTIK, INC.; CHEMICAL 600
- PECORA CORPORATION; AC-20+
- TREMCO INCORPORATED; TREMPLEX 83A

2.5 METALLIC PUTTY SEALANTS

A. 'S-7' METALLIC PUTTY RIGID, TWO-PART EPXY RESIN BASED PUTTY SYSTEM

1. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:

- PECORA CORPORATION; AC-308 FTR OR AS-818
- USS CORPORATION; SHEETROCK ACOUSTICAL SEALANT

2.6 ACOUSTICAL JOINT SEALANTS

A. ACOUSTICAL JOINT SEALANT: MANUFACTURERS STANDARD NONSAG PAINTABLE, NONSHRINKING LATEX SEALANT COMPLYING WITH ASTM C 834. PRODUCT EFFECTIVELY REDUCES AEROSOLE SOUND TRANSMISSION THROUGH PERIMETER JOINTS AND OPENINGS IN BUILDING CONSTRUCTION AS DEMONSTRATED BY TESTING REPRESENTATIVE ASSEMBLIES ACCORDING TO ITEM 9.

1. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:

- PECORA CORPORATION; AC-308 FTR OR AS-818
- USS CORPORATION; SHEETROCK ACOUSTICAL SEALANT

2.7 JOINT SEALANT BACKING

A. GENERAL: PROVIDE SEALANT BACKINGS OF MATERIAL AND TYPE THAT ARE NON-STAINING, ARE COMPATIBLE WITH JOINT SUBSTRATES, SEALANTS, PRIMERS AND OTHER JOINT FILLERS, AND ARE APPROVED FOR APPLICATIONS INDICATED BY JOINT SEALANT MANUFACTURER BASED ON FIELD EXPERIENCE AND LABORATORY TESTING.

B. CYLINDRICAL SEALANT BACKINGS: ASTM C 1330, TYPE C, CLOSED-CELL MATERIAL WITH A SURFACE SOON OR ANY TYPE AS APPROVED IN WRITING BY JOINT SEALANT MANUFACTURER FOR JOINT APPLICATION INDICATED, AND OF SIZE AND DENSITY TO CONTROL SEALANT DEPTH AND OTHERWISE CONTRIBUTE TO PRODUCING OPTIMUM SEALANT PERFORMANCE.

C. BOND/BREAKER TAPE: POLYETHYLENE TAPE OR OTHER PLASTIC TAPE AS RECOMMENDED BY SEALANT MANUFACTURER FOR PREVENTING SEALANT FROM ADHERING TO RIGID, INFLEXIBLE JOINT FILLER MATERIALS OR JOINT SURFACES AT BACK OF JOINT WHERE SUCH ADHESION WOULD RESULT IN SEALANT FAILURE. PROVIDE SELF-ADHESIVE TAPE WHERE APPLICABLE.

2.8 MISCELLANEOUS MATERIALS

A. PRIMER: MATERIAL RECOMMENDED BY JOINT SEALANT MANUFACTURER WHERE REQUIRED FOR ADHESION OF SEALANT TO JOINT SUBSTRATES INDICATED, AS DETERMINED FROM PRECONSTRUCTION JOINT SEALANT-SUBSTRATE TESTS AND FIELD TESTS.

B. CLEANERS FOR NONPOROUS SURFACES: CHEMICAL CLEANERS ACCEPTABLE TO MANUFACTURERS OF SEALANTS AND SEALANT BACKING MATERIALS, FREE OF OIL RESIDUES OR OTHER SUBSTANCES CAPABLE OF STAINING OR HARMING ANY JOINT SUBSTRATES AND ADJACENT NONPOROUS SURFACES, AND FORMULATED TO PROMOTE OPTIMUM ADHESION OF SEALANTS WITH JOINT SUBSTRATES.

C. MASKING TAPE: NONSTAINING, NONABSORBING MATERIAL COMPATIBLE WITH JOINT SEALANTS AND SURFACES ADJACENT TO JOINTS.

**REVISIONS**

No.	Date (mm/dd/yyyy)	Description

**DRAWINGS REVISED AS PER DESIGN BULLETIN**

No.	Date	Description

**ISSUE TABLE**

No.	Date (mm/dd/yyyy)	Description

**COMPANY LOGO**

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2283 F. 816.474.1051

**PROJECT**

**LOUISIANA KITCHEN**

**STATE OF MISSOURI**  
KATHLEEN JACOBSON  
10/12/24  
ARCHITECT

**COMPANY LOGO**

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2283 F. 816.474.1051

**PROJECT**

**LOUISIANA KITCHEN**

**STATE OF MISSOURI**  
KATHLEEN JACOBSON  
10/12/24  
ARCHITECT

**PART 3 - EXECUTION**

3.1 INSTALLATION

A. GENERAL: UNLESS OTHERWISE INDICATED, COMPLY WITH THE MANUFACTURERS' INSTRUCTIONS AND RECOMMENDATIONS, AND WITH SMACNA ARCHITECTURE "SHEET METAL MANUAL," ANCHOR UNITS OF WORK SECURELY IN PLACE BY METHODS INDICATED. PROVIDE FOR THERMAL EXPANSION OF METAL UNITS. CONCEAL FASTENERS WHERE POSSIBLE. SET UNITS TRUE TO LINE AND LEVELS AS INDICED. INSTALL WORK WITH LAPS, JOINTS, AND SEAMS TO BE PERMANENTLY WEATHERPROOF AND WEATHERPROOF.

B. UNDERLAYMENT: WHERE STAINLESS STEEL OR ALUMINUM IS TO BE INSTALLED DIRECTLY ON CEMENT OR WOOD SUBSTRATES, INSTALL A SLIP SHEET OF RED ROBIN PAPER AND A COURSE OF POLYETHYLENE UNDERLAYMENT.

C. BED PLACES OF WORK IN A THICK COAT OF BITUMINOUS ROOFING CEMENT WHERE REQUIRED FOR WATERPROOF PERFORMANCE.

D. INSTALL REGLETS TO RECEIVE COUNTERFLASHING IN A MANNER AND BY METHODS INDICATED. WHERE SHOWN IN CONCRETE, FURNISH REGLETS TO TRADES OF CONCRETE WORK FOR INSTALLATIONS WORK OF DIVISION 5. WHERE SHOWN IN MASONRY, FURNISH REGLETS TO TRADES OF MASONRY WORK FOR INSTALLATIONS WORK OF DIVISION 4.

- INSTALL COUNTERFLASHING IN REGLETS, EITHER BY SNAP-IN SEAL ARRANGEMENT, OR BY WELDING IN PLACE OF ANCHORAGE AND FILLING REGLET WITH MASTIC ELASTOMERIC SEALANT, AS INDICATED AND DEPENDING ON DEGREE OF SEALANT EXPOSURE.

E. INSTALL ELASTIC FLASHING IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS. WHERE REQUIRED, PROVIDE FOR MOVEMENT AT JOINTS BY FORMING LOOPS OF WEATHERING AND SHEET METAL WORK DURING CONSTRUCTION TO ENSURE THAT JOINTS TO FACILITATE COMPLETE DRAINAGE OF WATER FROM FLASHING. SEAM ADJACENT FLASHING SHEETS WITH ADHESIVE, SEAL, AND ANCHOR EDGES IN ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS.

3.2 CLEANING

A. CLEAN EXPOSED METAL SURFACES, REMOVING SUBSTANCES THAT MIGHT CAUSE CORROSION OF METAL OR DETRIORATION OF FINISHES.

B. ADVISE THE CONTRACTOR OF REQUIRED PROCEDURES FOR SURVEILLANCE AND PROTECTION OF FLASHING AND SHEET METAL WORK DURING CONSTRUCTION TO ENSURE THAT WORK WILL BE WITHOUT DAMAGE OR DETRIORATION, OTHER THAN NATURAL WEATHERING AT TIME OF SUBSTANTIAL COMPLETION.

END OF SECTION 07 62 00

**GUTTERS AND DOWNSPOUTS SECTION 07 71 23**

**PART 1 - GENERAL**

1.1 SECTION INCLUDES

A. PRE-FINISHED GALVANIZED STEEL, DOWNSPOUTS, GUTTERS, COLLECTOR BOXES AND SLOPPERS

1.2 RELATED SECTIONS

A. DIVISION 7

1.3 REFERENCES

A. ASTM A646/M646 STANDARD SPECIFICATION FOR STEEL SHEET, ZINC COATED (GALVANIZED) BY HOT-DIP PROCESS, COMMERCIAL QUALITY.

1.4 DESIGN REQUIREMENTS

A. CONFORM TO APPLICABLE CODE FOR SIZE AND METHOD OF RAINWATER DISCHARGE.

1.5 PROJECT CONDITIONS

A. COORDINATE THE WORK WITH DOWNSPOUT DISCHARGE PIPE INLET.

**PART 2 - PRODUCTS**

2.1 MANUFACTURERS

A. DIMENSIONAL METALS INC.

B. APPROVED EQUALS BY PETERSON ALUMINUM CO. OR BERBERIDE MANUFACTURING CO.

2.2 MATERIALS

A. PRE-FINISHED GALVANIZED STEEL SHEET: ASTM A646/M646, ASTM A646/M646M, GRADE A, OR ASTM A646/M646M, G90 ZINC COATING, 24 GAUGE CORE STEEL, SHIP PRE-COATED WITH THERMO-CURED FLUOROCARBON 'NYSAN 800' RESIN COATING. COLOR TO BE CHOSEN BY OWNER. SUBMIT SAMPLE TO OWNER FOR APPROVAL.

2.3 COMPONENTS

A. GUTTERS, COLLECTOR BOXES AND SLOPPERS: SMACNA PROFILE TO MATCH EXISTING.

B. DOWNSPOUTS: SMACNA PROFILE TO MATCH EXISTING.

C. ANCHORS AND SUPPORTS: PROFILED TO SUIT GUTTERS AND DOWNSPOUTS.

- ANCHORING DEVICES: IN ACCORDANCE WITH SMACNA REQUIREMENTS.
- GUTTER SUPPORTS: SPIKES AND FERRELS.
- DOWNSPOUT SUPPORTS: STRAPS.

D. FASTENERS: SAME MATERIAL AND FINISH AS GUTTERS AND DOWNSPOUTS.

**DELIVERY, STORAGE AND HANDLING**

A. DELIVER FIRESTOPPING PRODUCTS TO PROJECT SITE IN ORIGINAL, UNOPENED CONTAINERS OR PACKAGES WITH INTACT AND LEGIBLE MANUFACTURER LABELS IDENTIFYING PRODUCT AND MANUFACTURER, PRODUCT NAME, AND MANUFACTURE LOT NUMBER, SHEET LIFE, IF APPLICABLE, QUALIFIED TESTING AND INSPECTING AGENCY'S CLASSIFICATION MARKING APPLICABLE TO PROJECT, CURING TIME, AND MIXING INSTRUCTIONS FOR MULTICOMPONENT MATERIALS.

B. STORE AND HANDLE FIRESTOPPING MATERIALS TO PREVENT THEIR DETEIORATION OR DAMAGE DUE TO MOISTURE, TEMPERATURE CHANGES, CONTAMINANTS, OR OTHER CAUSES.

1.4 PROJECT CONDITIONS

A. ENVIRONMENTAL CONDITIONS: DO NOT INSTALL FIRESTOPPING WHEN AMBIENT OR SUBSTRATE TEMPERATURES ARE OUTSIDE LIMITS PERMITTED BY FIRESTOPPING MANUFACTURER OR WHEN SUBSTRATES ARE WET DUE TO RAIN, ROOF, CONDENSATION, OR OTHER CAUSES.

B. VENTILATION: VENTILATE FIRESTOPPING PER FIRESTOPPING MANUFACTURERS' INSTRUCTIONS BY NATURAL MEANS OR, WHERE THIS IS INADEQUATE, FORCE AIR CIRCULATION.

2.1 FIRESTOPPING, GENERAL

A. COMPATIBILITY: FIRESTOPPING COMPOSED OF COMPONENTS THAT ARE COMPATIBLE WITH EACH OTHER, THE SUBSTRATE FORMING OPENINGS, AND THE ITEMS, IF ANY, PENETRATING THE FIRESTOPPING UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY FIRESTOPPING MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.

B. ACCESSORIES: PROVIDE COMPONENTS FOR EACH FIRESTOPPING SYSTEM THAT ARE NEEDED TO INSTALL FILL MATERIALS AND TO COMPLY WITH THE SYSTEM PERFORMANCE REQUIREMENTS' ARTICLE IN PART 1. USE ONLY COMPONENTS SPECIFIED BY THE FIRESTOPPING MANUFACTURER AND APPROVED BY THE QUALIFIED TESTING AND INSPECTING AGENCY FOR THE DESIGNATED FIRE-RESISTANCE-RATED SYSTEMS. ACCESSORIES INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING ITEMS:

- PERMANENT FORMING/DAMMING/BACKING MATERIALS INCLUDING THE FOLLOWING:
  - SEMI-FIBROUS FIBER (MINERAL WOOL) INSULATION
  - CERAMIC FIBER
  - SEALANTS USED IN COMBINATION WITH OTHER FORMING/DAMMING MATERIALS TO PREVENT LEAKAGE OF FILL MATERIALS IN LIQUID STATE
  - FIRE-ALTERED FORMBOARD
  - JOINT FILLERS FOR JOINT SEALANTS







PLUMBING SPECIFICATION

GENERAL PROVISIONS		C. PENETRATION		5. SHOW FLOW DIRECTION ARROWS AT EACH IDENTIFICATION POINT.		CONDITIONS, OR INDICATED ON DRAWINGS. GREASE LADEN WASTE LINES AND SAND/OIL WASTE LINES SHALL BE INSTALLED AT NO LESS THAN AT 1/4" PER FOOT FALL.		2. FACTORY-INSTALLED TEMPERATURE AND PRESSURE RELIEF VALVE. EXTEND DISCHARGE PIPE, FULL SIZE, TO WITHIN 6" ABOVE THE MOP SINK OR FLOOR DRAIN.	
A.	WORK INCLUDES MODIFICATION TO EXISTING PLUMBING SYSTEM AND PROVIDING NEW MATERIALS, FITTINGS AND ACCESSORIES NECESSARY FOR A COMPLETE FUNCTIONING PLUMBING SYSTEM. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES AND/OR ORDINANCES AND IS SUBJECT TO INSPECTION.	1.	CLEAN PENETRATION HOLES OF DIRT, LOOSE MATERIALS AND FOREIGN MATTER WHICH MAY AFFECT BOND OR INSTALLATION.	INSULATION		4.	SANITARY WASTE PIPING: PROVIDE A COMPLETE SYSTEM OF ABS/PVC PLASTIC PIPE, WITH SOLVENT WELD FITTINGS, OR STANDARD WEIGHT CAST IRON NO-HUB PIPE AND FITTINGS. THE WASTE SYSTEM SHALL BE CARRIED THROUGH THE ROOF WITH APPROPRIATE FLASHING.	3.	PROVIDE POTABLE WATER EXPANSION TANK AS SPECIFIED. EQUAL PRODUCTS BY WATTS, AMTROL, OR BELL & GOSSETT MAY BE PROVIDED AT THE CONTRACTOR'S OPTION.
B.	HOOK-UP CHARGES, PERMITS AND ALL OTHER EXPENSES RELATED TO A COMPLETE AND FUNCTIONING PLUMBING SYSTEM ARE INCLUDED AS A PART OF THIS SECTION.	2.	REMOVE COATINGS SUCH AS PAINT, CURING COMPOUNDS, WATER REPELLENT & SEALERS AS REQUIRED.	A.	PIPE INSULATION AND APPURTENANCES AND COVERINGS ON PIPES USED IN CHASES, SHAFTS OR OTHER CONCEALED SPACES IN TYPES 1 AND 2 CONSTRUCTION SHALL HAVE A FLAME SPREAD RATING NOT EXCEEDING TWENTY-FIVE (25) AND IN TYPE 3 AND 4 CONSTRUCTION NOT EXCEEDING SEVENTY-FIVE (75) AND A SMOKE DEVELOPED RATING NOT EXCEEDING FIFTY (50).	5.	CLEANOUTS: PROVIDE CLEANOUTS AT THE END OF EACH HORIZONTAL RUN, AND AT THE BASE OF ALL VERTICAL STORM, WASTE AND DRAIN PIPES. CLEANOUTS SHALL BE OF SAME SIZE AS THE PIPES THEY SERVE, CONFORMING TO CODE REQUIREMENTS. PROVIDE SUITABLE WALL OR FLOOR CLEANOUTS WITH ACCESSORIES TO OBTAIN VIEW FROM FLOOR MAKER IF BELOW RAISED FLOOR.	A.	WATER CLOSETS AND LAVATORIES SHALL BE VITREOUS CHINA AND SHALL ALL BE BY SAME MANUFACTURER.
C.	INTENT OF THE DRAWINGS IS TO INDICATE GENERAL EXTENT OF WORK REQUIRED FOR THE PROJECT. DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC, SHOWING GENERAL LOCATION, TYPE, FIXTURES AND EQUIPMENT REQUIRED. DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENTS. REFER TO MANUFACTURER'S STANDARD ROUGH-IN DRAWINGS FOR PLUMBING FIXTURE INSTALLATION REQUIREMENTS AND COMPLY WITH ALL APPLICABLE ADA INSTALLATION REQUIREMENTS.	3.	INSTALL BACKING MATERIALS TO PREVENT LIQUID MATERIAL LEAKAGE.	B.	INSULATION SHALL BE RIDGE ONE-PIECE FIBERGLASS PIPE INSULATION WITH REQUIREMENTS COMPLYING WITH ASTM C 547, SELF-SEALING ADHESIVE LAP LONGITUDINAL JOINTS AND BUTT STRIPS FOR TRANSVERSE JOINTS. JACKETING SHALL CONFORM TO ASTM C 1136, TYPE 1, MAXIMUM VAPOR TRANSMISSION RATING OF 0.02 PERM WHEN TESTED ACCORDING TO ASTM E 96, PROCEDURE A. (K VALVE) 0.25 BTU/IN./HR. * FT2 * F AT 75°F MEAN TEMPERATURE WITH A MINIMUM R-VALUE OF R4.	B.	HOT AND COLD WATER PIPING SHALL BE PROVIDED AS FOLLOWS:	B.	INSTALLATION: THOROUGHLY CLEAN ITEMS BEFORE INSTALLATION. CAP PIPE OPENINGS TO EXCLUDE DIRT UNTIL FIXTURES ARE INSTALLED AND FINAL CONNECTIONS HAVE BEEN MADE. PROCEED AS RAPIDLY AS CONSTRUCTION WILL PERMIT. SET FIXTURES LEVEL AND IN PROPER ALIGNMENT. INSTALL SUPPLIES IN PROPER ALIGNMENT WITH FIXTURES. INSTALL SILICONE SEALANT BETWEEN FIXTURES AND ADJACENT MATERIAL, FOR SANITARY JOINT, AND OMIT ESCUTCHEONS
D.	COORDINATE WITH WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS AND WITH THE CONSTRAINTS OF EXISTING CONDITIONS OF THE PROJECT SITE.	D.	APPLICATION	C.	PROVIDE INSULATION THICKNESS AS INDICATED:	1.	LAYOUT WATER PIPING SO THAT ENTIRE SYSTEM CAN BE DRAINED.	C.	ALL WALL HUNG LAVATORIES, FLUSH VALVES, ETC., SHALL BE PER DRAWINGS AND MOUNTED AT THE MANUFACTURER'S RECOMMENDED ROUGHING IN MEASUREMENTS, UNLESS NOTED OTHERWISE.
E.	ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED, IS TO PROVIDE POWER WIRING FOR EACH ITEM OF ELECTRICAL EQUIPMENT AND MAKE FINAL CONNECTIONS TO MOTORS.	E.	PREPARE AND APPLY PENETRATION SEALING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.	DOMESTIC COLD WATER PIPING 1" AND SMALLER: 1/2" THICK		2.	TYPE "L" HARD COPPER TUBE WITH SOLDER FITTINGS: COPPER TUBING SHALL HAVE SWEAT JOINTS AND BE CLEAN OF SCALE AND FOREIGN MATTER BEFORE INSTALLATION. ALL ENDS OF TUBING TO BE SWEATED SHALL BE REAMED, CLEANED AND BURNISHED TO REMOVE DIRT AND OXIDE. HARD 95-5 LEAD-FREE SOLDER SHALL BE USED AND APPLIED TO THE JOINTS ACCORDING TO STANDARD PRACTICE AND/OR MANUFACTURER'S RECOMMENDATIONS. COMPRESSION STOPS AND BRAIDED SUPPLIES SHALL BE USED AT CONNECTION TO EQUIPMENT.	D.	GREASE INTERCEPTOR - SHALL BE AS SPECIFIED ON DRAWINGS.
F.	ALL FINISH PAINTING IS TO BE PERFORMED BY GENERAL CONTRACTOR, EXCEPT AS NOTED ELSEWHERE. CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION ANY PAINTING DEFACED BY CONTRACTOR AFTER ORIGINAL PAINTING.	F.	EMPLOY INSTALLATION TECHNIQUES WHICH WILL ENSURE THAT FIRESTOPPING IS DEPOSITED TO FILL AND SEAL HOLES AND OPENINGS.	DOMESTIC COLD WATER PIPING 1-1/4" - 1-1/2": 3/4" THICK		3.	PEX-A TUBING WITH ASTM F1960 FITTINGS: PEX TUBING SHALL BE SUPPORTED WITH ADDITIONAL PEX-A PIPE CHANNEL PER MANUFACTURER'S RECOMMENDATIONS. PEX PIPING SHALL BE TERMINATED AT FIXTURES WITH PRE-MANUFACTURED COPPER STUB-OUTS. COMPRESSION STOPS AND BRAIDED SUPPLIES SHALL BE USED AT CONNECTION TO EQUIPMENT. PROVIDE RED TUBING FOR HOT WATER, BLUE TUBING FOR COLD WATER, AND WHITE/TRANSLUCENT TUBING FOR ALL OTHER DOMESTIC WATER.	E.	VALVES TO BE AS FOLLOWS:
G.	ALL WORK SHALL CONFORM TO CODES, RULES, AND REGULATIONS:	F.	FIRESTOPPING BY DOW CORNING, 3M, HILTI OR METACALK MAY FURNISHED AT CONTRACTOR'S OPTION.	DOMESTIC HOT WATER PIPING 3/4" AND SMALLER: 1" THICK		4.	EACH HOT AND COLD WATER BRANCH SHALL BE PROVIDED WITH A BALL VALVE SHUT-OFF.	F.	125 LB. S.W.P. GATE, GLOBE AND CHECK VALVES:
H.	STATE PLUMBING CODE.	F.	FIRESTOPPING BY DOW CORNING, 3M, HILTI OR METACALK MAY FURNISHED AT CONTRACTOR'S OPTION.	DOMESTIC HOT WATER PIPING 1" - 1-1/2": 1-1/2" THICK		5.	EACH HOT AND COLD WATER BRANCH SHALL BE PROVIDED WITH A BALL VALVE SHUT-OFF.	1.	GATE (2-1/2" AND SMALLER) - ALL BRONZE, SCREWED, TAPERED, SOLID WEDGE DISC, SCREWED BONNET, RISING STEM.
I.	NATIONAL FIRE PROTECTION ASSOCIATION.	G.	PIPE ANCHORS, HANGERS AND SUPPORTS	PLUMBING VAPOR TRANSMISSION RATING OF 0.02 PERM WHEN TESTED		6.	INSULATION SHALL NOT BE APPLIED UNTIL THE GENERAL CONSTRUCTION HAS PROGRESSED SUFFICIENTLY TO INSURE AGAINST PHYSICAL OR MOISTURE DAMAGE TO THE INSULATION. ALL INSULATION DAMAGED THROUGH FAILURE TO OBSERVE THIS DIRECTIVE SHALL BE REPLACED AT PLUMBING CONTRACTOR'S EXPENSE.	2.	BALL (2-1/2" AND SMALLER) - ALL BRONZE, TEFLON STEM SEALS AND SEAT, 1/4 TURN SHUT-OFF, VINYL COVERED HANDLES.
J.	CERTAIN CODES AND STANDARDS AS SET UP BY VARIOUS TECHNICAL SOCIETIES SUCH AS ASME, ASHRAE, ASTM, SMACNA, ARI, AABC, OR IEEE.	H.	PREPARE LISTED/APPROVED ADJUSTABLE HANGERS, INSERTS, BRACKETS, CLAMPS, SUPPLEMENTARY STEEL AND OTHER DEVICES REQUIRED FOR PROPER SUPPORT OF ALL PIPE LINES.	CONDENSATE PIPING: 1/2" THICK		7.	INSULATION SHALL NOT BE APPLIED UNTIL THE GENERAL CONSTRUCTION HAS PROGRESSED SUFFICIENTLY TO INSURE AGAINST PHYSICAL OR MOISTURE DAMAGE TO THE INSULATION. ALL INSULATION DAMAGED THROUGH FAILURE TO OBSERVE THIS DIRECTIVE SHALL BE REPLACED AT PLUMBING CONTRACTOR'S EXPENSE.	3.	GLOBE (2-1/2" AND SMALLER) - ALL BRONZE, SCREWED, TAPERED, SOLID WEDGE DISC, SCREWED BONNET, RISING STEM.
K.	FEDERAL OCCUPATIONAL SAFETY AND HEALTH STANDARDS.	I.	HANGERS SHALL BE DESIGNED TO ALLOW FOR EXPANSION AND CONTRACTION AND TO ALLOW INSULATION (WHERE APPLICABLE) TO RUN CONTINUOUSLY THROUGH HANGERS.	USED COOKING OIL: 1" THICK		8.	INSULATION SHALL NOT BE APPLIED UNTIL THE GENERAL CONSTRUCTION HAS PROGRESSED SUFFICIENTLY TO INSURE AGAINST PHYSICAL OR MOISTURE DAMAGE TO THE INSULATION. ALL INSULATION DAMAGED THROUGH FAILURE TO OBSERVE THIS DIRECTIVE SHALL BE REPLACED AT PLUMBING CONTRACTOR'S EXPENSE.	4.	CHECK (2-1/2" AND SMALLER) - ALL BRONZE, SCREWED, HORIZONTAL SWING CHECK WITH BRONZE DISC.
L.	LOCAL INSPECTOR'S REQUIREMENTS.	J.	WIRE OR STRAP HANGERS ARE NOT PERMITTED. ADJUST HANGERS SO AS TO DISTRIBUTE WEIGHT LOAD EQUALLY ON ATTACHMENTS.	STORM DRAIN PIPING: 1" THICK		9.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	5.	VALVES SHALL BE MILWAUKEE, EQUAL PRODUCTS BY CRANE, HAMMOND, POWELL, WALWORTH, NORTHERN INDIANA BRASS COMPANY OR STOCKHAM MAY BE FURNISHED AT CONTRACTOR'S OPTION.
M.	STATE INDUSTRIAL COMMISSION REQUIREMENTS.	K.	PLUMBING SYSTEM TESTING	OVERFLOW STORM DRAIN PIPING: 1" THICK		10.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	6.	UNIONS TO BE AS FOLLOWS:
N.	BUILDING INSURING AGENCY REQUIREMENTS.	L.	SYSTEM TESTING SHALL BE PROVIDED AS FOLLOWS:			11.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	UNIONS FOR COPPER PIPE TO BE 150LB. ALL BRONZE, SOLDER END TYPE BY CHASE. EQUAL PRODUCTS BY CRANE, MUELLER OR NORTHERN INDIANA BRASS COMPANY MAY BE FURNISHED AT CONTRACTOR'S OPTION.
O.	ALL PERMITS REQUIRED BY LAWS, ORDINANCES AND BUILDING CODES HAVING JURISDICTION SHALL BE OBTAINED AT THE PROPER TIME BY AND AT THE EXPENSE OF THIS CONTRACTOR.	M.	ALL SYSTEMS SHALL BE TESTED PRIOR TO BEING CONCEALED BY ADDITIONAL WORK, FLOOR SLABS, WALLS, OR MECHANICAL SYSTEMS.			12.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	DIELECTRIC UNIONS BETWEEN FERROUS AND COPPER SHALL BE INSULATED TO PREVENT METAL-TO-METAL CONTACT AND SHALL BE MANUFACTURED BY CAPITAL MANUFACTURING COMPANY OF COLUMBUS, OHIO. EQUAL PRODUCTS BY PATROL OR PECO SALES COMPANY.
P.	THIS CONTRACTOR SHALL OBTAIN ALL INSPECTIONS REQUIRED BY ALL LAWS, ORDINANCES AND PUBLIC AUTHORITY HAVING JURISDICTION AND SHALL OBTAIN CERTIFICATES OF SUCH INSPECTIONS AND SUBMIT SAME TO THE ARCHITECT AND SHALL PAY ALL FEES, CHARGES, ASSESSMENTS AND OTHER EXPENSES IN CONNECTION THEREWITH.	N.	FURNISH ALL PUMPS FOR AIR AND WATER PRESSURE TESTS ALONG WITH GAUGES AND ANY OTHER REQUIRED TEST EQUIPMENT.			13.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	CLEANOUTS TO BE AS FOLLOWS:
Q.	PIPING AND EQUIPMENT LAYOUT IS SCHEMATIC. EXACT LOCATIONS ARE DETERMINED BY STRUCTURAL AND OTHER CONDITIONS. DESIGN OF SYSTEM MAY NOT BE CHANGED. ONLY EXACT LOCATION OF PIPING MAY BE REVISED TO SUIT CONSTRUCTION CONDITIONS AND AID IN COORDINATION WITH WORK OF OTHER CONTRACTORS.	O.	TEST SANITARY DRAINAGE AND VENT SYSTEM BY FILLING WITH WATER WITH ALL POINTS IN THE SYSTEM BEING SUBJECT TO PRESSURE OF AT LEAST 10' OF WATER. WATER LEVEL SHALL REMAIN STATIONARY FOR A PERIOD OF ONE HOUR, WITHOUT ANY PIPE OR JOINT LEAKAGE. IF TESTING INDICATES DEFICIENCIES, REPLACE OR REPAIR AS REQUIRED AND REPEAT TEST UNTIL STANDARDS ARE ACHIEVED.			14.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	FLOOR TYPE TO BE ADJUSTABLE CAST IRON WITH NICKEL BRONZE TOP. TOP TO BE FLUSH WITH FLOOR. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
R.	MATERIALS AND EQUIPMENT INSTALLED IN THE WORK SHALL MEET REQUIREMENTS OF THE CONTRACT DOCUMENTS AND NO MATERIALS OR EQUIPMENT SHALL BE ORDERED UNTIL REVIEWED BY ENGINEER AND/OR ARCHITECT.	P.	TEST WATER SYSTEM UNDER 150 PSIG HYDROSTATIC PRESSURE, FOR FOUR (4) HOURS MINIMUM. WHEN TESTING INDICATES MATERIALS OR WORKMANSHIP IS DEFICIENT, REPLACE OR REPAIR AS REQUIRED, AND REPEAT TEST UNTIL STANDARDS ARE ACHIEVED.			15.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
S.	THIS CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PER DOCUMENTS PROVIDED BY THE OWNER/ARCHITECT/CONTRACTOR.	Q.	REPAIR ANY LEAKING JOINTS AND DEMONSTRATE ACCEPTABLE LEAKAGE TO SATISFACTION OF OWNER'S REPRESENTATIVE AND APPROVING AUTHORITY. FLUSH ALL PIPING BEFORE PLACING INTO OPERATION.			16.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
T.	EXPANSION TANK	R.	STERILIZATION			17.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
U.	DRAINS AND CLEANOUTS	S.	FURNISH A CERTIFICATE OF STERILIZATION AND APPROVAL FOR HUMAN CONSUMPTION TO BE SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THIS STATE, REGULARLY EMPLOYED BY TESTING LABORATORY. CERTIFICATE MUST BE GIVEN TO THE ARCHITECT AND OWNER BEFORE FINAL PAYMENT WILL BE MADE.			18.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
V.	ALL PLUMBING FIXTURES, FAUCETS AND FITTINGS	T.	STERILIZATION SHALL BE BY MEANS OF CHLORINE INJECTED INTO WATER SYSTEM NEAR THE SOURCE AND OUTLETS THROUGHOUT THE SYSTEM SHALL BE TESTED TO PROVE PRESENCE OF MINIMUM REQUIREMENTS. LEAVE CHLORINE IN FOR 24 HOURS AND FLUSH OUT SYSTEM UPON COMPLETION OF WORK. STERILIZATION PROCEDURE SHALL BE WITNESSED BY THE OWNER'S REPRESENTATIVE.			19.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
W.	WATER HEATER	U.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			20.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
X.	PIPE INSULATION	V.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			21.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
Y.	GREASE INTERCEPTOR	W.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			22.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
Z.	CATALOG DATA FOR EQUIPMENT REVIEWED BY THE ARCHITECT SHALL NOT SUPERSEDE THE ENGINEER'S CONTRACT DOCUMENTS. REVIEW OF THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR DEVIATIONS FROM DRAWINGS OR SPECIFICATIONS, PROVIDING PROPER CLEARANCE, FABRICATION PROCESS AND COORDINATION WITH OTHER TRADES.	X.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			23.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
AA.	WHEN SUBMITTED FOR ARCHITECT'S REVIEW, SHOP DRAWINGS SHALL BEAR THE CONTRACTOR'S CERTIFICATION THAT:	Y.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			24.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
AB.	SHOP DRAWINGS HAVE BEEN REVIEWED, CHECKED, AND APPROVED.	Z.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			25.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
AC.	CONTRACTOR'S WORK IS IN HARMONY WITH THE REQUIREMENTS OF THE PROJECT AND WITH THE PROVISIONS OF THE CONTRACT DOCUMENTS.	AA.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			26.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
AD.	CONTRACTOR HAS VERIFIED ALL FIELD MEASUREMENTS AND CONSTRUCTION CRITERIA, MATERIALS, CATALOG NUMBERS AND SIMILAR DATA.	AB.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			27.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
AE.	CONTRACTOR SHALL ALSO CERTIFY THAT THE WORK REPRESENTED BY THE SHOP DRAWINGS IS RECOMMENDED BY THE CONTRACTOR AND THE CONTRACTOR'S GUARANTEE WILL FULLY APPLY.	AC.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			28.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
AF.	ALL CONTRACTORS SUBMITTING PROPOSALS FOR THIS WORK SHALL FIRST EXAMINE SITE AND ALL CONDITIONS THEREIN. ALL PROPOSALS SHALL TAKE INTO CONSIDERATION ALL SUCH CONDITIONS AS MAY AFFECT THE WORK UNDER THIS CONTRACT. THE SUBMITTING OF A BID AUTOMATICALLY IMPLIES THAT THIS EXAMINATION OF SITE HAS BEEN DONE.	AD.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			29.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
AG.	CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES AND NOTE CONDITIONS WHICH WOULD AFFECT THE WORK. ALL DISCREPANCIES SHALL THEN BE REPORTED PRIOR TO THE BID AWARD.	AE.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			30.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
AH.	PROVIDE INSTRUCTION TO OWNER'S OPERATING PERSONNEL AS NECESSARY, SHOWING LOCATIONS AND PROPER OPERATION OF MAJOR ITEMS OF EQUIPMENT AND SYSTEM COMPONENTS AND REFERRING TO THE OPERATING INSTRUCTION MANUAL DESCRIBED BELOW AS A GUIDE.	AF.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			31.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
AI.	COMPILE A WRITTEN MANUAL OF OPERATING INSTRUCTIONS INCLUDING COPIES OF SHOP DRAWINGS AND A LISTING OF EQUIPMENT SUPPLIERS, ASSEMBLY IN 8-1/2" X 11" HARD BACKED INDEXED BINDER. MATERIAL SHALL BE AS FOLLOWS:	AG.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			32.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
AJ.	TITLE PAGE: TITLE OF JOB, TENANT, ADDRESS, DATE OF SUBMISSION, CONTRACTOR AND ENGINEER.	AG.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			33.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
AK.	INDEX.	AH.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			34.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
AL.	ST OF MAJOR EQUIPMENT USED IN PROJECT ACCOMPANIED BY CONTRACTOR PURCHASE ORDER NUMBERS AND SUPPLIERS NAMES AND ADDRESSES.	AI.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			35.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
AM.	ONE COPY OF EACH SHOP DRAWING GROUPED BY TYPES OF EQUIPMENT, I.E., PLUMBING FIXTURES, VALVES, ETC.	AJ.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			36.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
AN.	SECTION FOR EACH SYSTEM INCLUDING A BRIEF DESCRIPTION OF SYSTEM OPERATION WITH LOCATION OF MAJOR COMPONENTS AND A LIST OF ITEMS IN SYSTEM REQUIRING PERIODIC SERVICE.	AK.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			37.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
AO.	SUBMIT A COMPLETED COPY TITLED "PLUMBING OPERATING INSTRUCTION MANUAL" ON BINDING EDGE OF BINDER TO ARCHITECT FOR APPROVAL. AFTER ARCHITECT'S REVIEW AND ANY CORRECTIONS REQUIRED ARE COMPLETED, SUBMIT A COPY OF MANUAL, TO OWNER.	AL.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			38.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
AP.	FIRESTOPPING	AM.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			39.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
AQ.	EACH CONTRACTOR SHALL BE RESPONSIBLE FOR FIRESTOPPING AROUND ALL OPENINGS FOR PIPES, DUCTS, CONDUITS ETC., INSTALLED BY CONTRACTOR AT ALL FIRE WALLS. FIRESTOPPING SHALL BE PERFORMED BY AN INSTALLER WHO HAS BEEN TRAINED BY MANUFACTURER, OR MANUFACTURER'S REPRESENTATIVE, IN THE INSTALLATION PROCEDURES BASED ON PUBLISHED UL TESTED FIRE STOP SYSTEMS.	AN.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			40.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
AR.	FIRESTOPPING SHALL MEET THE REQUIREMENTS OF ASTM E-814 OR UL 1479 FIRE TESTS BY A RECOGNIZED TESTING AGENCY. FIRESTOPPING SHALL ALSO CONFORM TO GOVERNING CODES AS FOLLOWS: INTERNATIONAL BUILDING CODE, NFPA 101 - LIFE SAFETY CODE & NFPA 70 - NATIONAL ELECTRIC CODE.	AO.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			41.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
AS.	IDENTIFICATION ITEM : TYPE	AP.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			42.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
AT.	PIPING : STENCIL OR PIPE LABEL	AQ.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			43.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
AV.	VALVES : TAG	AR.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			44.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
AW.	PIPING SPECIALTY : TAG	AS.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			45.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
AX.	WATER HEATER AND OTHER EQUIPMENT : STENCIL	AT.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			46.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
AY.	IDENTIFY PIPE LINES WITH STENCIL OR PIPE LABEL WITH COLOR CODED BANDS AT THE FOLLOWING LOCATIONS:	AV.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			47.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
AZ.	1. AT EQUIPMENT CONNECTION AT EACH VALVE.	AW.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			48.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
BA.	2. AT BOTH SIDES OF WALLS THROUGH WHICH PIPE PASSES.	AX.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			49.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
BB.	3. AT EVERY 20 FT. INTERVAL ON CONTINUOUS PIPE LINES.	AY.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			50.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	1.	CAST IRON BODY SHALLOW SUMP DRAIN WITH DOUBLE DRAINAGE FLANGE AND WEEPHOLES, FLASHING CLAMP, BOTTOM ADJUSTABLE WITH NEOPRENE GASKET INSIDE CONNECTOR, 6" DIAMETER OUTLET WITH GRATE. FRAME AND GRATE TO HAVE POLISHED NICKEL-BRONZE FINISH. SEE DRAWINGS FOR MODEL AND MANUFACTURER. EQUAL PRODUCT MAY BE SUPPLIED AT THE CONTRACTOR'S OPTION.
BC.	4. AT EACH BRANCH CONNECTION.	AZ.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			51.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	2.	WALL TYPE TO BE CAST IRON TEE WITH ROUND POLISHED STAINLESS STEEL ACCESS COVER AND THREADED PLUG. SEE DRAWINGS FOR MODEL AND MANUFACTURER.
BD.	PLUMBING SYSTEMS	BA.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.			52.	INSULATION SHALL NOT BE APPLIED OVER FLANGES, JOINTS AND SEAMS IN PIPING.	3.	FLOOR DRAINS TO BE AS FOLLOWS:
BE.	SANITARY WASTE AND VENT PIPING SHALL BE PROVIDED AS FOLLOWS:	BB.	STERILIZATION SHALL BE PERFORMED UNDER THE IMMEDIATE SUPERVISION OF A WATER TESTING LABORATORY REGULARLY ENGAGED IN THE SERVICE AND SHALL BE DONE ACCORDING TO THEIR INSTRUCTIONS.						

### GENERAL NOTES

A. CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.

B. COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE PIPE RISES, DROPS, AND OFFSETS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.

C. DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE PIPING, CONNECTIONS, FITTINGS, VALVES, OFFSETS AND ALL MATERIALS NECESSARY FOR A COMPLETE SYSTEM.

D. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY AND THE AUTHORITY HAVING JURISDICTION. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.

E. PROVIDE WATER HAMMER ARRESTORS THROUGHOUT WATER SYSTEMS AS REQUIRED PER "WATER HAMMER ARRESTERS" DETAIL.

F. PROVIDE BACKFLOW PREVENTION DEVICES IN WATER LINES FEEDING PLUMBING FIXTURES AND/OR EQUIPMENT AS SHOWN ON PLANS AND ELSEWHERE AS REQUIRED BY AUTHORITY HAVING JURISDICTION. USE DEVICES OF APPROVED MANUFACTURER AND TYPE IN ACCORDANCE WITH REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.

G. CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. IF PRESSURE AT BUILDING ENTRY PRIOR TO ALL LOCALLY REQUIRED DEVICES IS LESS THAN 80 PSIG STATIC, CONTACT OWNER'S REPRESENTATIVE. IF PRESSURE EXCEEDS 80 PSIG, PROVIDE PRESSURE REDUCING VALVE.

H. SUSPEND HORIZONTAL SERVICE PIPING FROM UNDERSIDE OF ROOF OR FLOOR STRUCTURE UNLESS OTHERWISE INDICATED. INSTALL PIPING AS HIGH AS POSSIBLE. EXTEND PIPING DOWN IN WALLS, PARTITIONS AND CHASES TO SERVE FIXTURES AND EQUIPMENT.

I. VERIFY SERVICE CONNECTION POINTS, SIZES, ELEVATIONS AND METERING LOCATIONS FOR PROJECT WITH LOCAL UTILITY COMPANIES AND/OR CIVIL ENGINEER, AS APPLICABLE.

J. WATER ENTRY SERVICE PIPING, NEW AND/OR REVISED, CONTRACTOR SHALL ENSURE AND PROVIDE MINIMUM 10'-0" LINEAR FEET OF METAL PIPING MATERIAL BELOW GRADE IN CONTACT WITH EARTH FOR CONNECTION OF ELECTRICAL SERVICE GROUNDING.

K. PLUMBING CONTRACTOR SHALL EXECUTE ALL WORK SO THAT IT PROCEEDS WITH A MINIMUM OF INTERFERENCE.

L. FLOOR DRAINS SHALL HAVE 6" DEEP SEAL TRAPS.

M. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING WATER SUPPLY TO THE COFFEE MAKERS, TEA BREWERS, AND ICE MACHINES.

N. WRAP ALL CONDENSATE PIPE IN FREEZER WITH HEAT TRACING TAPE AND INSULATE ALL CONDENSATE DRAIN PIPING. ROUTE COOLER CONDENSATE DRAIN PIPING TO HUB DRAIN/FLOOR DRAIN AS INDICATED.

O. POT SINKS SHALL BE ANCHORED TO WALL AND SEALED WITH SILICONE CAULKING.

P. INSTALL GAS VALVE (FBC) IN GAS LINE TO COOKING EQUIPMENT. INTERLOCK WITH HOOD FIRE PROTECTION SYSTEM. VERIFY REQUIREMENTS WITH HOOD SUPPLIER. INSTALL UNIONS AT THE SOLENOID VALVE.

Q. PROVIDE SHUTOFF COCKS, QUICK DISCONNECTS AND FLEXIBLE LINES AT GAS EQUIPMENT.

R. PROVIDE VACUUM BREAKERS AT FIXTURES WITH HOSE THREAD CONNECTIONS.

S. PROVIDE DIELECTRIC UNIONS AT ALL DISSIMILAR METAL PIPE CONNECTIONS.

T. LAVATORY FAUCETS SHALL LIMIT HOT WATER FLOW TO 0.5 GPM AND HOT WATER TEMPERATURE TO 110° F

U. PROVIDE 1"Ø SCH 40 BLACK STEEL PIPE FOR GREASE DISCHARGE. RUN LINE FLUSH ON WALL BESIDE FRYERS, VERTICALLY UP IN WALL THROUGH CEILING. SLOPE LINE @ 1"/FT TOWARDS REAR OF BUILDING. RUN LINE DOWN THROUGH CEILING ON FACE OF EXTERIOR WALL TO 75" AFF THEN THROUGH REAR WALL FOR DISCHARGE. HEAT TAPE SHALL BE INSTALLED ON ENTIRE LINE @ 5 WATTS/LINEAR FT. G.C. TO PROVIDE STAINLESS STEEL COVERS FOR LINE MOUNTED FLUSH ON WALLS (ENTIRE LENGTH - CEILING DOWN).

### PLUMBING SYMBOLS LEGEND

**ABBREVIATIONS:**

AF/AFG ABOVE FINISHED FLOOR/GRADE  
 FFCO/FGCO/WCO/CO FLUSH FLOOR/FLUSH GRADE/WALL/CLEANOUT  
 FSEC FOOD SERVICE EQUIPMENT CONTRACTOR  
 TYP TYPICAL  
 VTR VENT THRU ROOF  
 (E) EXISTING

**LINE TYPES:**

----- EXISTING PLUMBING LINE - SEE DRAWING  
 - - - - - COLD WATER (CW)  
 - - - - - COLD WATER (CW) - BELOW SLAB/GRADE  
 ---FW--- FILTERED WATER SUPPLY (FW)  
 - - - - - HOT WATER (HW) 140°  
 - - - - - HOT WATER RETURN (HWR)  
 ---G--- NATURAL GAS LINE  
 ---D--- CONDENSATE LINE (D)  
 - - - - - PLUMBING VENT (V)  
 - - - - - PLUMBING VENT (V) - BELOW SLAB/GRADE  
 ---SAN--- SANITARY WASTE (SAN) - BELOW SLAB/GRADE  
 ---GW--- GREASE WASTE (GW) - BELOW SLAB/GRADE  
 ---WH--- WATER HEATER VENT  
 - - - - - SODA CHASE  
 - - - - - USED COOKING OIL  
 ---ST--- STORM LINE (ST)  
 ---OST--- OVERFLOW STORM LINE (OST)

**GENERAL REFERENCES/NOTATIONS:**

01/P1 DETAIL OR SECTION      REVISION  
 CONNECT TO EXISTING      PLAN NOTE  
 HVAC EQUIPMENT      FOOD SERVICE EQUIPMENT

**PIPE SYMBOLS:**

PIPE UP/DOWN      BALL/PLUG VALVE  
 TEE UP/DOWN      BALANCING/CHECK VALVE  
 END CAP

**SYMBOLS LEGEND NOTES:**  
 REFER TO SPECIFICATIONS AND PLAN NOTES FOR DETAILED DESCRIPTION OF ALL DEVICES SHOWN IN THIS SCHEDULE, PROVIDED BY THIS CONTRACTOR.

### PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE TYPE	MANUF.	MODEL	DESCRIPTION	ACCESSORIES/OPTIONS
WC	WATER CLOSET (ACCESSIBLE)	AMERICAN STANDARD	3043.001 "MADERA"	FLOOR MOUNT, WHITE VITREOUS CHINA, 1.1-1.6 GPF ELONGATED SIPHON JET BOWL, 1-1/2" TOP SPUD, & RIM HEIGHT 17" A.F.F. PROVIDE WITH SLOAN MANUAL DUAL FLUSH 1.6/1.1 GPF WATER CLOSET FLUSH VALVE. PROVIDE FLUSH LEVER ON ACCESSIBLE SIDE. INSTALL IN ACCORDANCE TO ADA ACCESSIBILITY REQUIREMENTS.	MAINLINE #ML10555SC00 WHITE OPEN FRONT ELONGATED TOILET SEAT LESS COVER.
LAV	LAVATORY (ACCESSIBLE)	AMERICAN STANDARD	#0356.921.020 LUCERNE	WALL HUNG, 20"x18" WHITE VITREOUS CHINA, BACK OVERFLOW. PROVIDE WITH SLOAN EBF-650 4" CENTER SET, BATTERY POWERED SENSOR FAUCET WITH FACTORY SET 0.175 GPC 0.35 GPM AERATOR. INSTALL IN ACCORDANCE TO ADA ACCESSIBILITY REQUIREMENTS.	PROVIDE WITH QUARTER TURN BRASS ANGLE COMPRESSION STOPS WITH LOOSE KEY HANDLES, STAINLESS BRAIDED SUPPLIES, CHROME ESCUTCHEONS, CHROME GRID STRAINER DRAIN WITH TAILPIECE, & CHROME PLATED CAST BODY P-TRAP WITH CLEANOUT. INSULATE WASTE AND WATER PIPING WITH TRUEBRO "LAV-GUARD2" #101-EZ, FURNISH WITH ZURN #Z-1231-81 LAVATORY CARRIER.
EPWH	FROST PROOF WALL HYDRANT	WOODFORD	MODEL 65	ANTI-SIPHON, AUTOMATIC DRAINING, WALL HYDRANT, NON-FREEZE INTEGRAL VACUUM BREAKER, ALL BRONZE INTERIOR PARTS, KEY OPERATED, 3/4" SOLDER INLET.	MOUNT 18" ABOVE FINISHED GRADE. PROVIDE APPROPRIATE MODEL FOR WALL THICKNESS AND SITE SPECIFIC TEMPERATURE REQUIREMENTS.
ID	TRENCH DRAIN	ZURN	Z886-SOG	6-1/4"x24" HDPE TRENCH DRAIN WITH STAINLESS DECORATIVE GRATE. FIELD CUT TRENCH DRAIN AS REQUIRED. COORDINATE FINISHED WIDTH AND LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.	SET TRENCH DRAIN LEVEL WITH FINISH FLOOR.
FD	FLOOR DRAIN	SIoux CHIEF / ZURN	832-35D-NR / #ZN415-B-3NH	FLOOR DRAIN WITH 5" ROUND NICKEL BRONZE ADJUSTABLE STRAINER & 3" BOTTOM OUTLET.	PROVIDE WITH TRAP PRIMER CONNECTION AND WITH ASSE 1072 APPROVED TRAP SEAL DEVICE. TRAP SEAL DEVICE SHALL BE TRAP PROSET TRAPGUARD OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE DRAINS IN CUSTOMER AREAS WITH VANDAL RESISTANT SCREWS.
ES	FLOOR SINK	SIoux CHIEF / ZURN	#861-3PN-D / #Z1900-3NH-K-4	12" SQUARE TOP FLOOR SINK W/8" DEEP & 3" BOTTOM OUTLET	SET FLOOR SINK LEVEL WITH FINISH FLOOR.
RD	ROOF DRAIN	WATTS	RD-250	CAST IRON COMBINATION ROOF DRAIN/OVERFLOW WITH DECK FLANGE, FLASHING CLAMPS WITH INTEGRAL GRAVEL GUARD, OVERFLOW STANDPIPE, SELF LOCKING CAST IRON DOME, AND NO HUB OUTLETS. PROVIDE OUTLET SIZE AS SHOWN ON PLANS.	INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. UNDERDECK CLAMP AND SUMP RECEIVER - FIELD VERIFY ROOF INSTALLATION REQUIREMENTS AND COORDINATE INSULATION THICKNESS.
DSN	DOWNSPOUT NOZZLE	WATTS	Z199	ALL NICKEL BRONZE BODY WITH DECORATIVE FACE OF WALL FLANGE AND OUTLET NOZZLE.	COORDINATE MOUNTING LOCATION WITH ARCHITECTURAL ELEVATIONS.
IP	TRAP PRIMER	PPP	P1-500	AUTOMATIC OPERATION, 1/2" INLET AND OUTLET. SERVICE UP TO FOUR FLOOR DRAINS WITH DISTRIBUTION UNIT.	INSTALL IN ACCESSIBLE LOCATION WITH PRIMER LOCATED MINIMUM OF 6" ABOVE FLOOR LEVEL OF FLOOR DRAIN RIM. PROVIDE ACCESS PANEL AS REQUIRED.
MV	MIXING VALVE	SYMMONS	7-225-CK "MAXLINE"	1/2" INLETS AND OUTLET, THERMOSTATIC CONTROLLER WITH INTEGRAL CHECKS, ALL BRASS BODY WITH DUAL STAINLESS STEEL STRAINER, VANDAL RESISTANT TEMPERATURE ADJUSTMENT HANDLE.	SET TO 105°F. MOUNT IN ACCESSIBLE LOCATION.

### TANKLESS WATER HEATER SCHEDULE (GAS FIRED)

SYMBOL	MANUFACTURER	MODEL	BTU (EACH)	GAS OPERATING PRESSURE	GPM @ 55°F RISE (EACH)	SET POINT (°F)	NOTES (#)
WH-1,2	RINNAI	TRW03CUIN	398,000 (199,000 EACH)	7" W.C.	14 (7 EA.)	120	(1), (2), (3), (4), (5)

**NOTES:**

- TWO INSTANTANEOUS WATER HEATERS (CU199i) WITH CONCENTRIC FLUE/AIR INTAKE SYSTEM (WALL-TYPE), DIRECT ELECTRONIC IGNITION SYSTEM, REMOTE ELECTRONIC CONTROLS AND INTEGRAL DIAGNOSTICS.
- FURNISH WITH EXPANSION TANK AS SPECIFIED ON PLANS.
- FURNISH WITH RINNAI 804000074 ACID NEUTRALIZATION KIT.
- ELECTRICAL: 84W RUNNING, 1.3W STANDBY, 4A MAX WITH 10A BREAKER (EACH).
- WATER HEATER REQUIRES A MINIMUM OF 35 PSI TO OPERATE, PER MANUFACTURER'S REQUIREMENTS.

### EXPANSION TANK SCHEDULE

SYMBOL	MANUFACTURER	MODEL	TOTAL VOLUME (GALLONS)	ACCEPTANCE VOLUME (GALLONS)	CONNECTION LOCATION	CONNECTION SIZE	MOUNTING	NOTES (#)
EI	AMTROL	ST-5	2	.45	TOP	3/4"	NEAR WH-1	(1), (2)

**NOTES:**

- EXPANSION TANK: STEEL SHELL, HEAVY DUTY BUTYL NSF/ANSI 61, FACTORY PRECHARGED TO 40 PSIG, MAX OPERATING TEMPERATURE 100°, MAX OPERATING PRESSURE 150 PSI, 1 YEAR MANUFACTURER'S WARRANTY. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- FIELD CHARGE EXPANSION TANK TO SYSTEM PRESSURE BEFORE CONNECTION TO DOMESTIC WATER SYSTEM. FIELD VERIFY PRESSURE REQUIREMENTS.

### PUMP SCHEDULE

SYMBOL	MANUFACTURER	MODEL	GPM	HEAD (FT)	VOLTAGE	PHASE	WATTS	AMPS	NOTES (#)
RCP	GRUNDFOS	ALPHA2	5	12	115	1	5 - 65	0.65	(1)

**NOTES:**

- RECIRCULATING PUMP: BRONZE BODY RECIRCULATING PUMP WITH "AUTOADAPT" VARIABLE SPEED MOTOR. INSTALL NEAR WATER HEATER PER MANUFACTURER'S INSTRUCTIONS. PROVIDE WITH ALPHA 3-PRONG PLUG AND COORDINATE CONNECTION WITH ELECTRICAL CONTRACTOR. PROVIDE WITH HONEYWELL L6006C SURFACE MOUNT AQUASTAT SET TO 5°F BELOW WATER HEATER OPERATING TEMPERATURE.

### HEAT TRACING

SYMBOL	MANUFACTURER	MODEL	TEMP	LENGTH (MAX)	VOLTAGE	PHASE	WATTS/FOOT	AMP (MAX)	NOTES (#)
HC	RAYCHEM	8XL2-CR/CT	105°F	350	208	1	8	15	(1), (2)

**NOTES:**

- SELF-REGULATING HEATING CABLE TO MAINTAIN TEMPERATURE OF USED COOKING OIL LINE. REFER TO PLANS FOR ROUTING. MAXIMUM CIRCUIT LENGTH IS 350'-0" OF CABLE. 208-1V AT 8W/FT (2800 WATT / 15 AMP MAX).
- PROVIDE WITH EC-W-GF CONTROLLER WITH GROUND FAULT PROTECTION, AND NECESSARY COMPONENTS TO PUT IN WORKING ORDER. INSTALL CABLE PER MANUFACTURER'S RECOMMENDATIONS.

### FOODSERVICE PLUMBING SCHEDULE

ID	DESCRIPTION	REMARKS
A10.30	MULTIPLE FRYER SYSTEM, GAS	
A24.U2	MULTIPLE FRYER SYSTEM, GAS	
A35.00	1 COMPARTMENT SINK	
A35.10	PRE-RINSE FAUCET ASSEMBLY	
C10.32	POPEYES DUAL SIDE SANDWICH PREP	
D29.00	PACKING TABLE, DOUBLE SIDED	
D40.00	3 COMPARTMENT SINK	
D40.01	PRE-RINSE FAUCET ASSEMBLY	
D50.00	DISHWASHER	
D70.00	HOT WATER DISPENSER	
D81.00	RETHERMALIZER	
E10.00	WALK-IN COOLER/FREEZER	
E30.84	CHICKEN CRATE	
H10.00	DUAL LINE PRODUCTION COUNTER	
K10.00	ICE MAKER, CUBE-STYLE	
K11.00	ICE MAKER, CUBE-STYLE	
K15.00	ICE BIN	
K20.00	WATER FILTER SYSTEM	
K40.00	GREASE TANK	
K41.00	CO TANK	
K42.00	BAG N BOX	
K71.00	TEA BREWER	
N10.00	HAND SINK	
N20.00	MOP SINK	

THIS SCHEDULE IS A PARTIAL LISTING OF THE EQUIPMENT SUPPLIED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR (FSEC). REFER TO FSEC DRAWINGS FOR A COMPLETE LISTING OF EQUIPMENT, TYPES, SIZES, AND LOCATIONS. PLUMBING CONTRACTOR (PC) TO PROVIDE NECESSARY ITEMS TO INSTALL FSEC EQUIPMENT (INCLUDING VALVES, UNIONS, FITTINGS, ETC.) TO MAKE COMPLETE SYSTEM. THIS LISTING DOES NOT SUPERSEDE THE FSEC DRAWINGS.

### BACKFLOW PREVENTER SCHEDULE

LOCATION	TAG	MODEL	ASSE
MAIN WATER SUPPLY	BPZ	WATTS 009QTS	1013
CARBONATOR	DCV-1	WATTS SD-3	1022
SODA DISPENSERS	DCV-2	WATTS SD-2	1032
OTHER EQUIPMENT	DCV-3	WATTS SERIES 7	1024

**NOTE:**  
 VERIFY BACKFLOW VALVE REQUIREMENTS AND APPROVAL FOR ALL EQUIPMENT WITH AUTHORITIES HAVING JURISDICTION PRIOR TO INSTALLATION.

### ISSUE TABLE

No.	Date (mm/dd/yy)	Description

### REVISIONS

No.	Date	Description

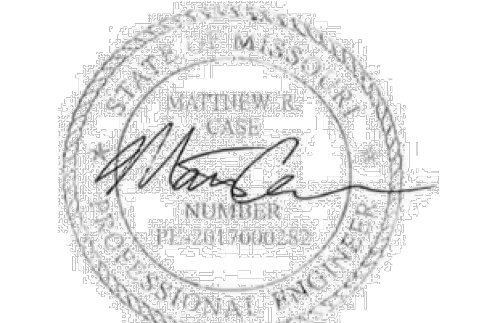
### DRAWINGS REVISED AS PER DESIGN BULLETIN

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN OR ITS AFFILIATED OR RELATED COMPANIES AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.


THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".

Licensed stamp



Nov 12, 2024

Company Logo



**WARMAN ARCHITECTURE + DESIGN**  
 1735 SWIFT AVE.  
 NORTH KANSAS CITY, MISSOURI 64116  
 V. 816.474.2233 F. 816.474.1051

Project



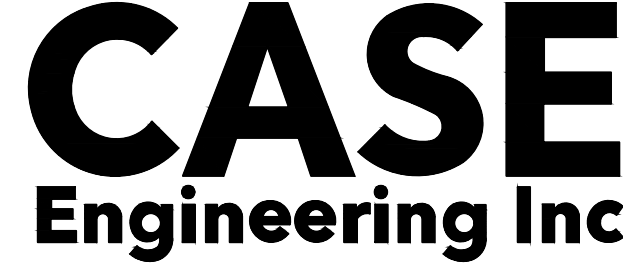
**POPEYES**

Store Type  
**REMODEL**  
 (BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road**  
**Lee's Summit, MO 64063**

Drawing Title  
**PLUMBING SCHEDULES & NOTES**

Drawn	DMM	Checked	NH
Scale		Date	Nov 12, 2024
Project No.	6091-24	Drawing No.	P.1



**CASE Engineering Inc.**

796 Merus Court  
 St. Louis, MO 63026

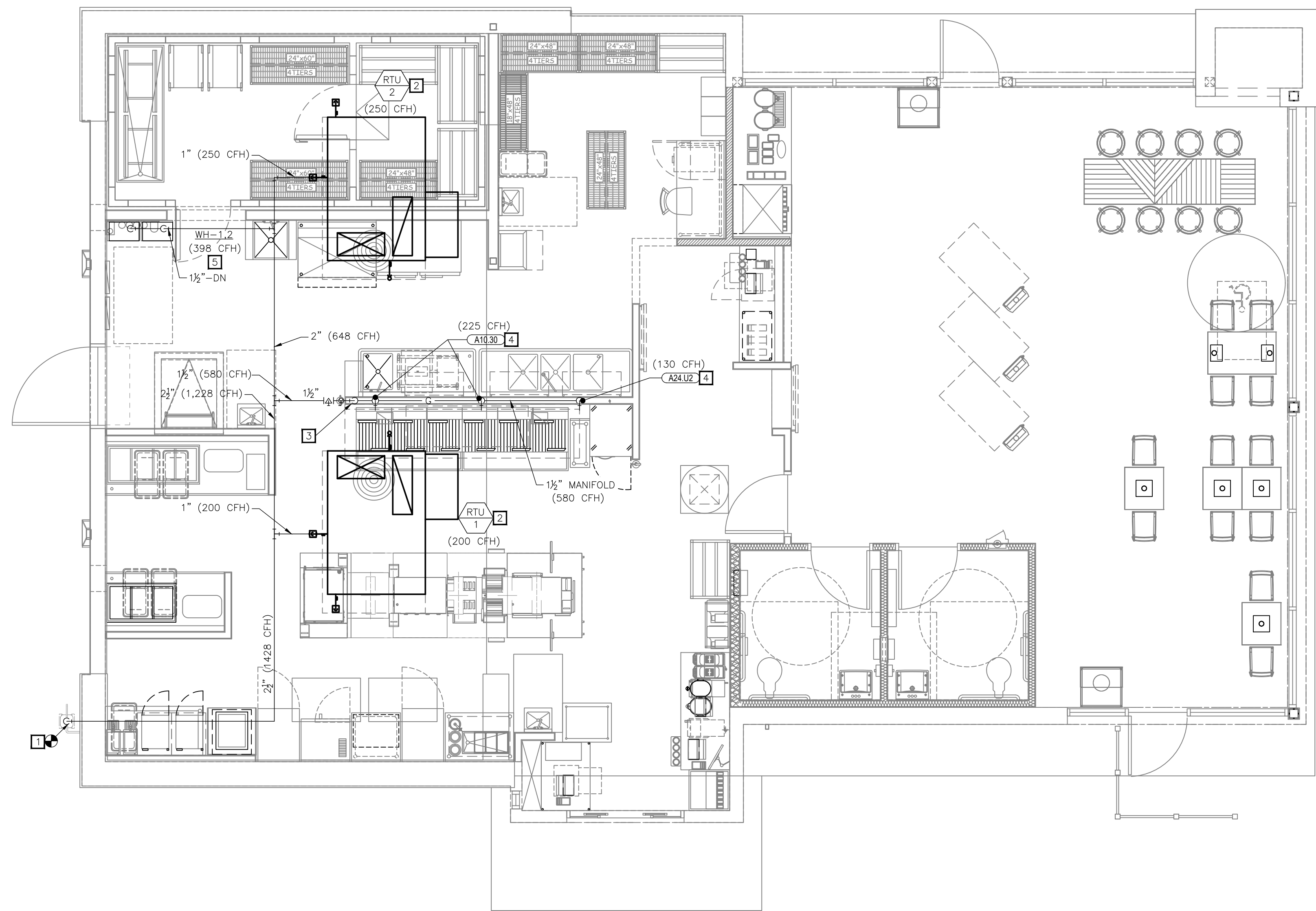
T 636.349.1600  
 F 636.349.1730

CERTIFICATE OF AUTHORITY NO. 001498

POPEYES LOUISIANA KITCHEN MODEL 2124, 10930 PARALLEL PARKWAY KANSAS CITY, KS: 2124 PROTOTYPE DOCUMENTS (OCT 27, 2021) STORE NO. XXXXX







01 PLUMBING GAS PLAN  
1/4"=1'-0"

**PLUMBING KEY NOTES**

- COORDINATE WITH LOCAL GAS COMPANY TO UPDATE GAS METER AND PRESSURE REGULATOR AT DEDICATED METER LOCATION. REFER TO GAS SCHEDULE ON THIS SHEET FOR TOTAL CAPACITY. REFER TO "GAS SERVICE" DETAIL.
- ROUTE GAS PIPE THROUGH ROOF PER "ROOF PENETRATION" DETAIL. CONNECT TO ROOFTOP EQUIPMENT IN THIS VICINITY PER "ROOFTOP UNIT CONNECTIONS" DETAIL.
- CONNECT TO AUTOMATIC GAS VALVE EXPOSED 6" BELOW CEILING HEIGHT. PROVIDED BY OWNER INSTALLED BY CONTRACTOR. INTERLOCK WITH HOOD SUPPRESSION PROVIDE UNION ON INLET AND OUTLET. COORDINATE REQUIREMENTS WITH HOOD VENDOR.
- ROUTE GAS LINE TO KITCHEN EQUIPMENT PER "COOKING APPLIANCE GAS" DETAIL.
- CONNECT TO WATER HEATERS PER "TANKLESS GAS WATER HEATERS" DETAIL.

**GAS SCHEDULE**

MARK	MBH (-CFH)
RTU-1	200.00
RTU-2	250.00
WH-1	199.00
WH-2	199.00
A10.30	225.00
A10.30	225.00
A24.U2	130.00
TOTAL	1428.00

GAS PIPING DESIGN IS BASED ON A TOTAL CONNECTED LOAD AS SHOWN ABOVE WITH A TOTAL PIPE RUN INCLUDING FITTINGS, VALVES, ETCETERA OF 100 FEET. WITH PRESSURE AT THE METER DELIVERED AT 7" W.C. AS REQUIRED. SCHEDULE 40 METALLIC PIPE. FIELD VERIFY AVAILABLE PRESSURE AND ADJUST SIZING AS REQUIRED BY CODE.

**ISSUE TABLE**

No.	Date (mm/dd/yy)	Description

**REVISIONS**

No.	Date	Description

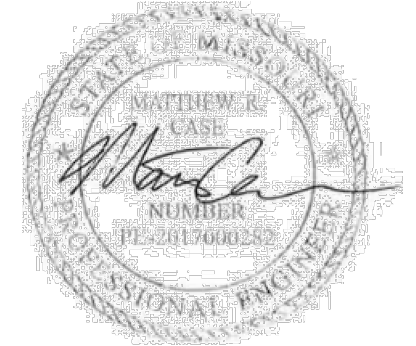
**DRAWINGS REVISED AS PER DESIGN BULLETIN**

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".

Licensed stamp




Nov 12, 2024

Company Logo



**WARMAN ARCHITECTURE + DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051

Project



**LOUISIANA KITCHEN**  
**POPEYES**

Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road**  
**Lee's Summit, MO 64063**

Drawing Title  
**PLUMBING PLAN -**  
**NATURAL GAS**

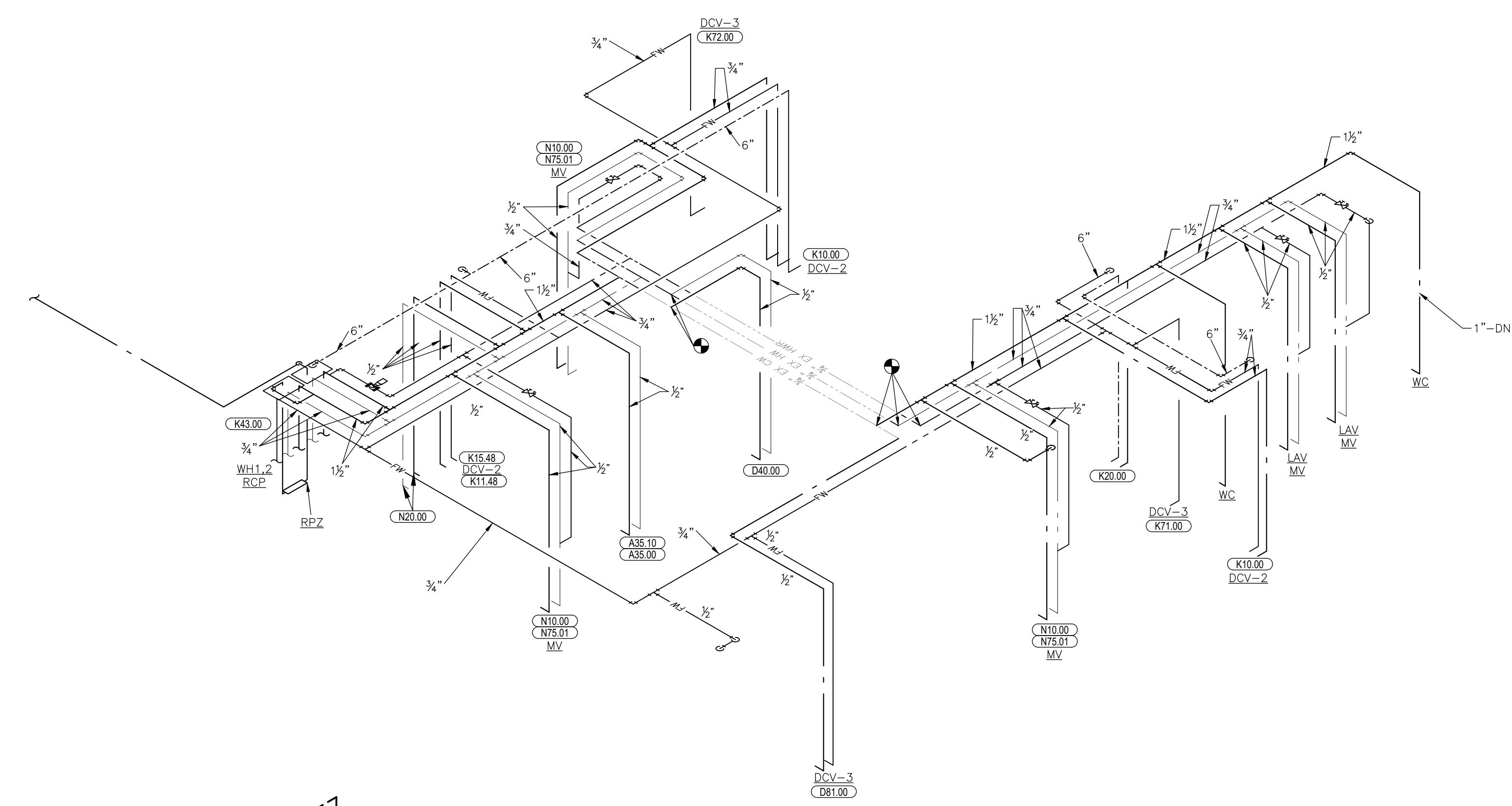
Drawn	DMM	Checked	NH
Scale		Date	Nov 12, 2024
Project No.	6091-24	Drawing No.	P2.3

**CASE**  
Engineering Inc.

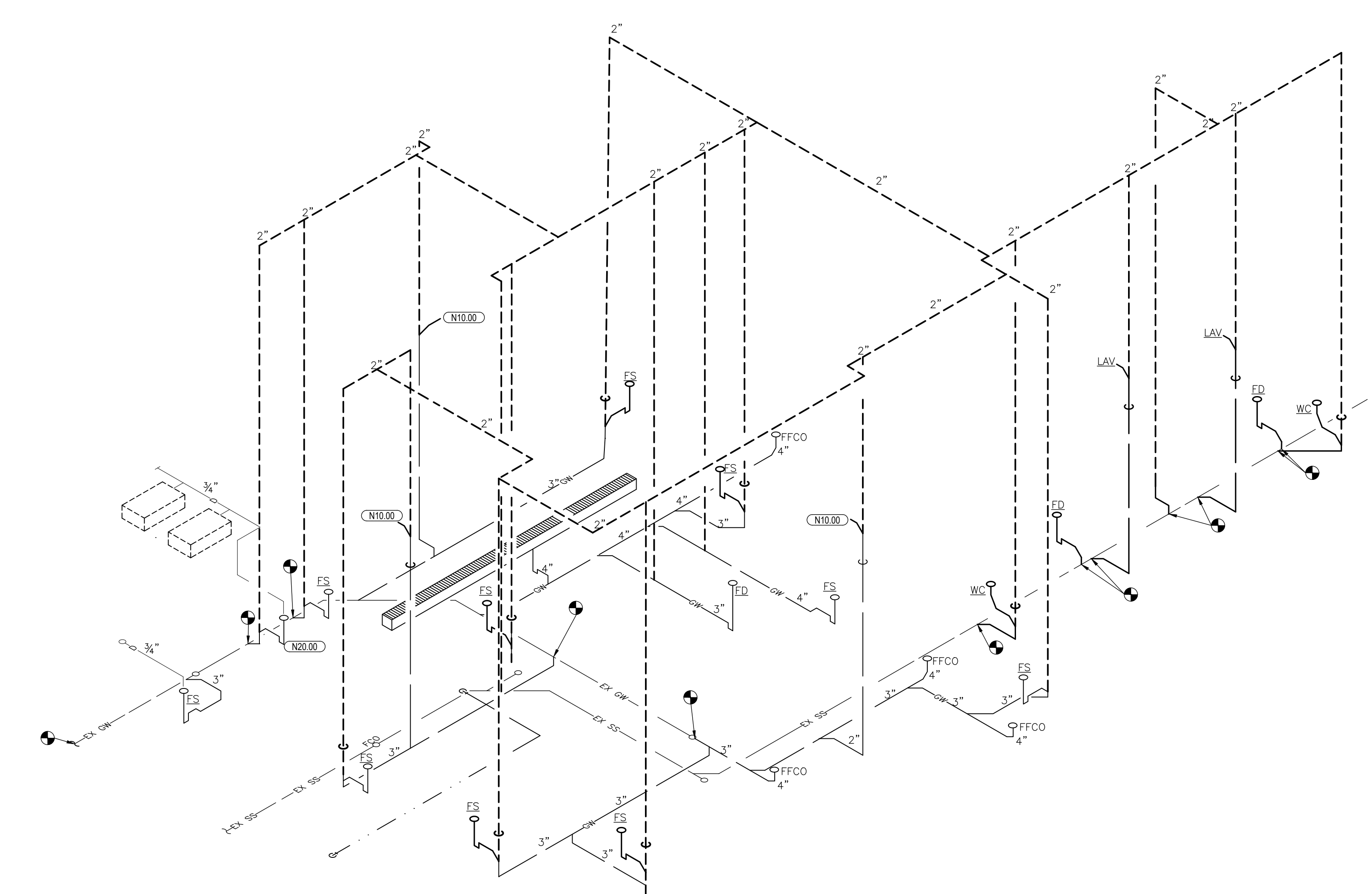
796 Merus Court  
St. Louis, MO 63026  
CERTIFICATE OF AUTHORITY NO. 001498

T 636.349.1600  
F 636.349.1730

POPEYES LOUISIANA KITCHEN MODEL 2124, 10930 PARALLEL PARKWAY KANSAS CITY, KS: 2124 PROTOTYPE DOCUMENTS (OCT 27, 2021) STORE NO. XXXXX



02 DOMESTIC WATER RISER  
1/4"=1'-0"



01 SANITARY WASTE AND VENT RISER  
1/4"=1'-0"

ISSUE TABLE

No.	Date (mm/dd/yy)	Description

REVISIONS

No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".

Licensed stamp



Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051



Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road  
Lee's Summit, MO 64063**

Drawing Title  
**PLUMBING RISERS**

Drawn	XXX	Checked	XXX
Scale		Date	Nov 12, 2024
Project No.	6091-24	Drawing No.	P3.1

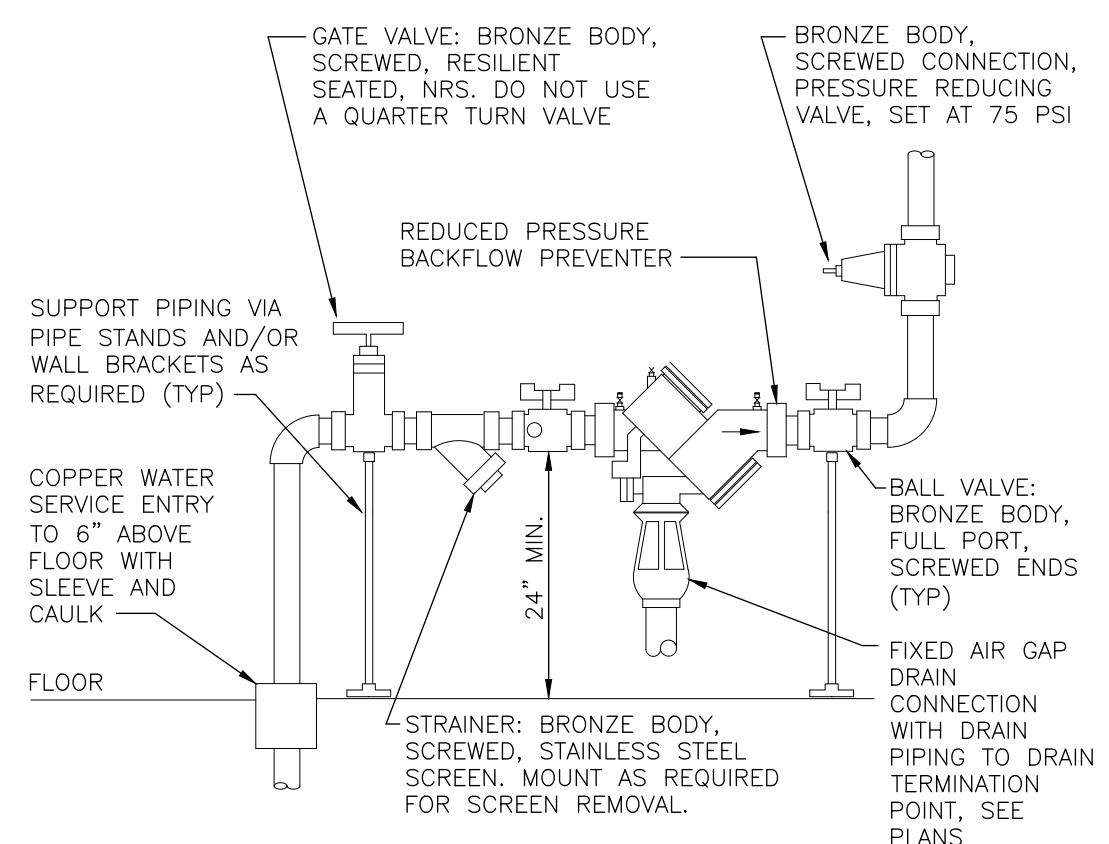
**CASE**  
Engineering Inc.

796 Merus Court  
St. Louis, MO 63026

T 636.349.1600  
F 636.349.1730  
CERTIFICATE OF AUTHORITY NO. 001498

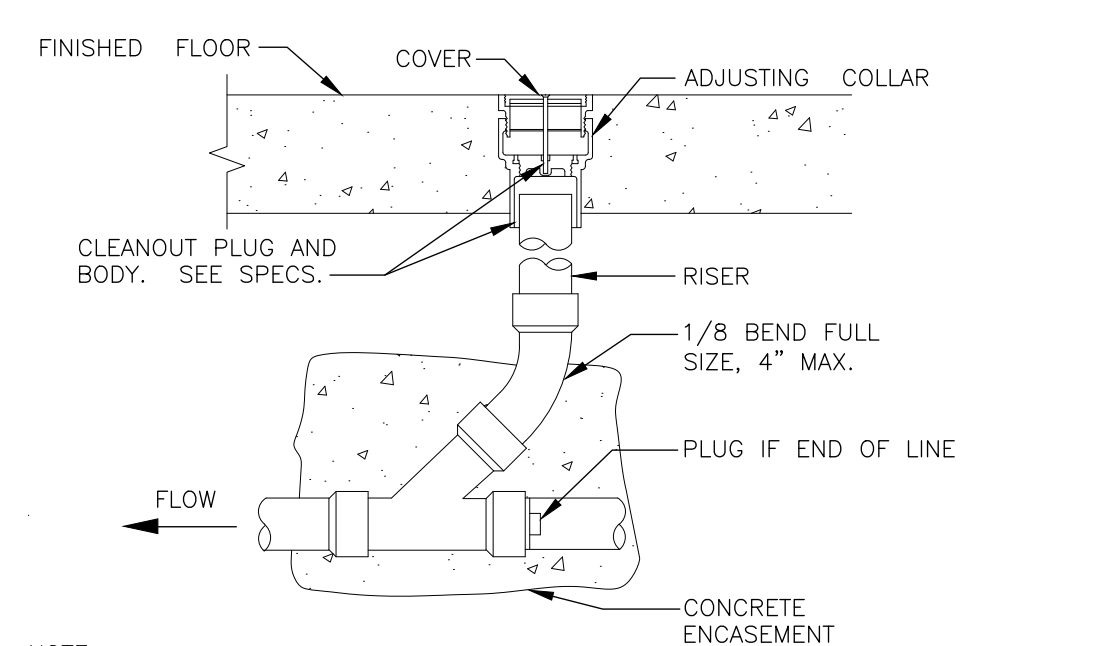
POPEYES LOUISIANA KITCHEN MODEL 2124, 10930 PARALLEL PARKWAY KANSAS CITY, KS 2124 PROTOTYPE DOCUMENTS (OCT 27, 2021) STORE NO. XXXXX





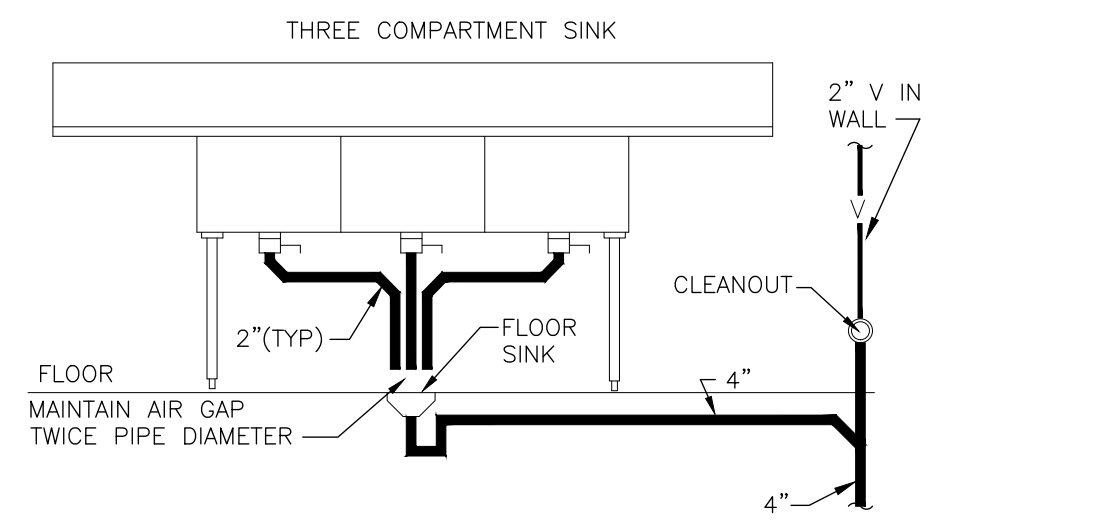
DETAIL SHOWS GENERAL SCHEMATIC REQUIREMENTS. PROVIDE BACKFLOW PREVENTER OF TYPE AND MANUFACTURER APPROVED BY LOCAL AUTHORITIES. PROVIDE PRESSURE REDUCING VALVE ONLY IF PRESSURE EXCEEDS 80 PSI - VERIFY. STRAINER AND REDUCING VALVE MAY BE INSTALLED IN VERTICAL PIPE IF SPACE LIMITATIONS REQUIRE IT. CLEAN STRAINER BEFORE TURNING BUILDING OVER TO OWNER. PROVIDE ANY REQUIRED CERTIFICATION OF TEST OF BACKFLOW PREVENTER TO LOCAL AUTHORITIES.

**13 DOMESTIC WATER SERVICE ENTRY**  
NOT TO SCALE



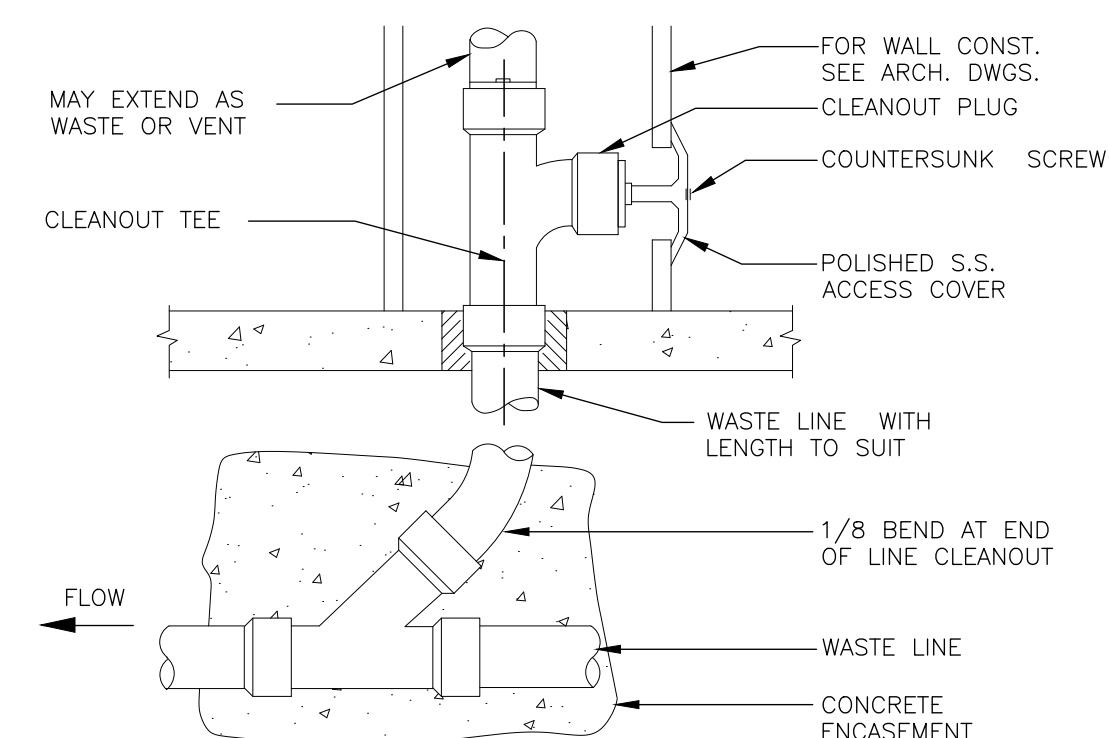
NOTE: CLEANOUT COVER FLUSH WITH TILE OR FLUSH WITH CONCRETE FLOOR IN AREA WITH NO TILE.

**14 FLOOR CLEAN-OUT**  
NOT TO SCALE

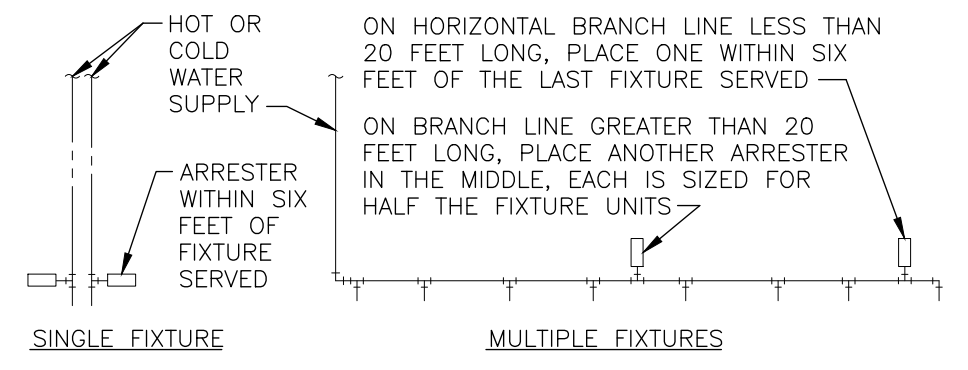


ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS OR MEET LOCAL CODE REQUIREMENTS. UTILIZE HUBLESS CAST IRON PIPE, FITTINGS AND CONNECTORS FOR SINK CONNECTIONS.

**15 3-COMP SINK**  
NOT TO SCALE



**08 WALL CLEAN-OUT**  
NOT TO SCALE



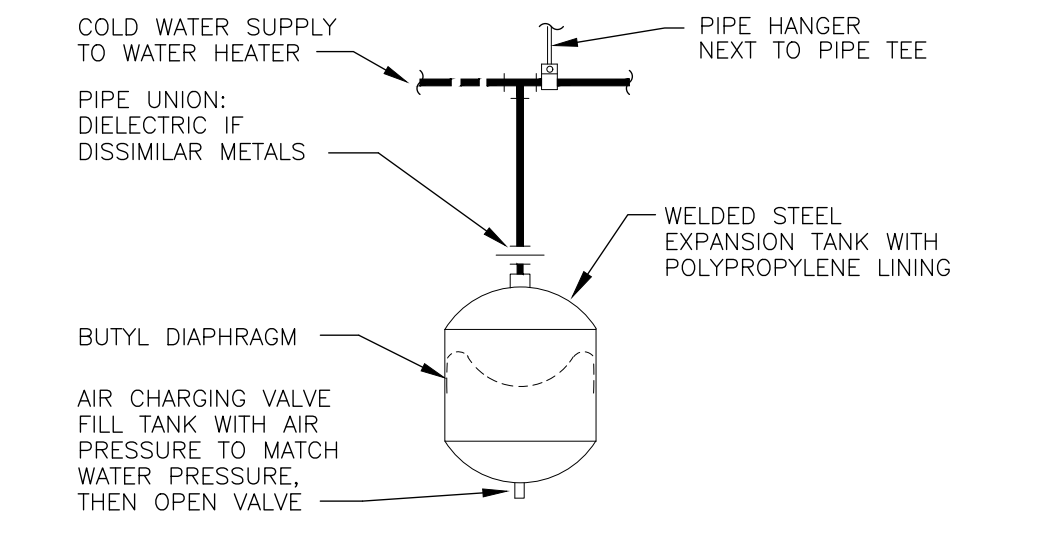
PDI SIZE	FIXTURE UNIT LOAD
AA	1-3
A	4-11
B	12-32
C	33-60
D	61-113
E	114-154
F	155-330

FIXTURE UNIT TABULATION		
FIXTURE	COLD	HOT
VALVE WATER CLOSET	10	-
TANK WATER CLOSET	5	-
URINAL	5	-
LAVATORY	1.5	1.5
SINK	2	2
MOP BASIN	3	3
SHOWER/BATHTUB	2	3
DRINKING FOUNTAIN	0.5	-

PC TO PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAMING PDI #WH-201, ASSE #1010 OR ANSI #A112.28.1M CERTIFICATION. SIZE AND INSTALL PER PDI #WH-201 STANDARD OR MANUFACTURER'S INSTRUCTION. THE TABLES ABOVE ARE BASED ON THE SIOUX CHIEF PRODUCT LINE. IF PRESSURE IS IN EXCESS OF 65 PSIG THEN UPsize THE ARRESTER BY ONE (EXAMPLE: AN 'A' ARRESTER WOULD BECOME A 'B' ARRESTER.)

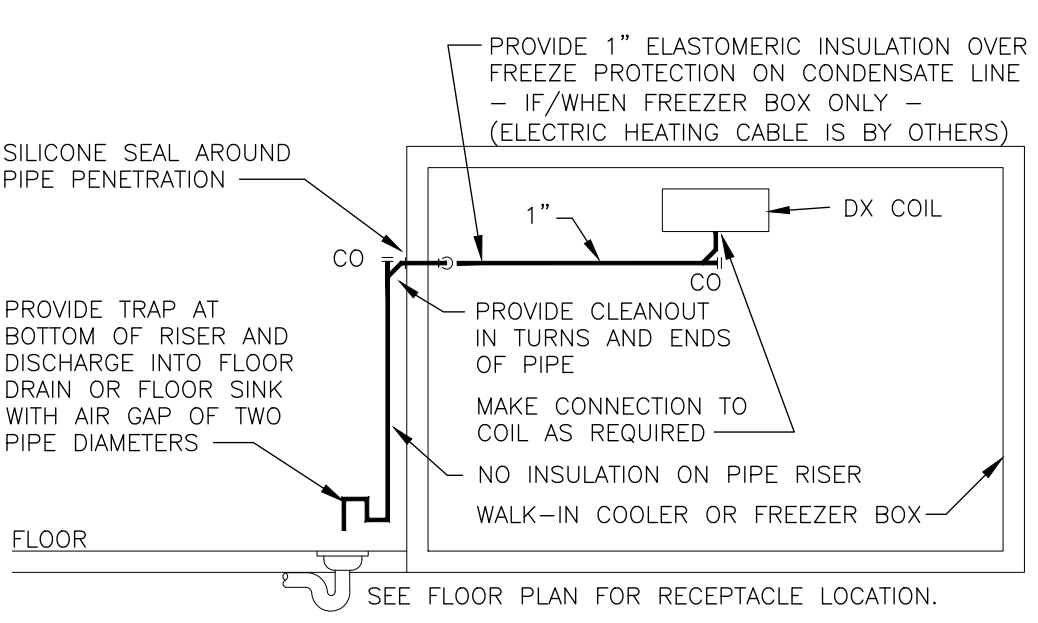
**09 WATER HAMMER ARRESTERS**  
NOT TO SCALE



PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. MAKE PIPE SAME SIZE AS TANK FITTING. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION PROCEDURE. VERIFY PROPER OPERATION WHEN INSTALLED.

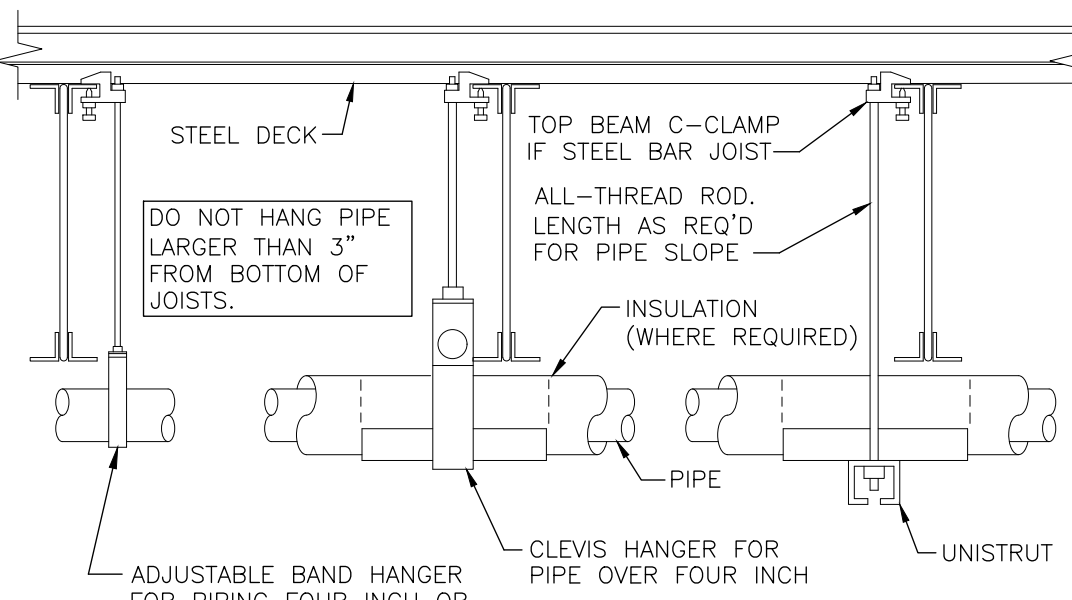
EXPANSION TANK INSTALLATION SHALL OCCUR ONLY WHEN THERE IS A BACKFLOW PREVENTION DEVICE INSTALLED WITHIN THE TENANT SPACE WATER SYSTEM OR BUILDING WATER SYSTEM.

**10 SMALL EXPANSION TANK**  
NOT TO SCALE



INSTALL PIPE HIGH AS POSSIBLE, ANCHORED TO WALL OF BOX WITH SUPPORTS AT MAXIMUM SIX FOOT CENTERS. USE TYPE 'M' HARD COPPER TUBE AND FITTINGS WITH LEAD-FREE SOLDER JOINTS. SLOPE HORIZONTAL PIPE AT MINIMUM TWO PERCENT. REFER TO LOCAL CODE FOR INDIRECT DRAIN REQUIREMENTS.

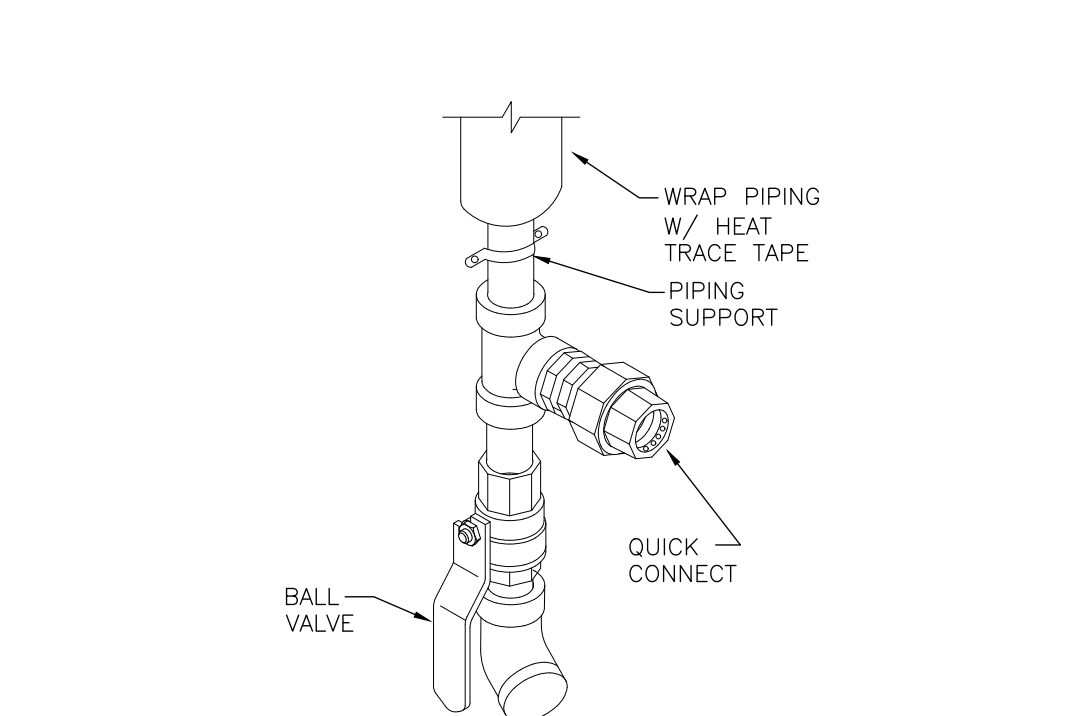
**11 WALK-IN COOLER/FREEZER DRAIN**  
NOT TO SCALE



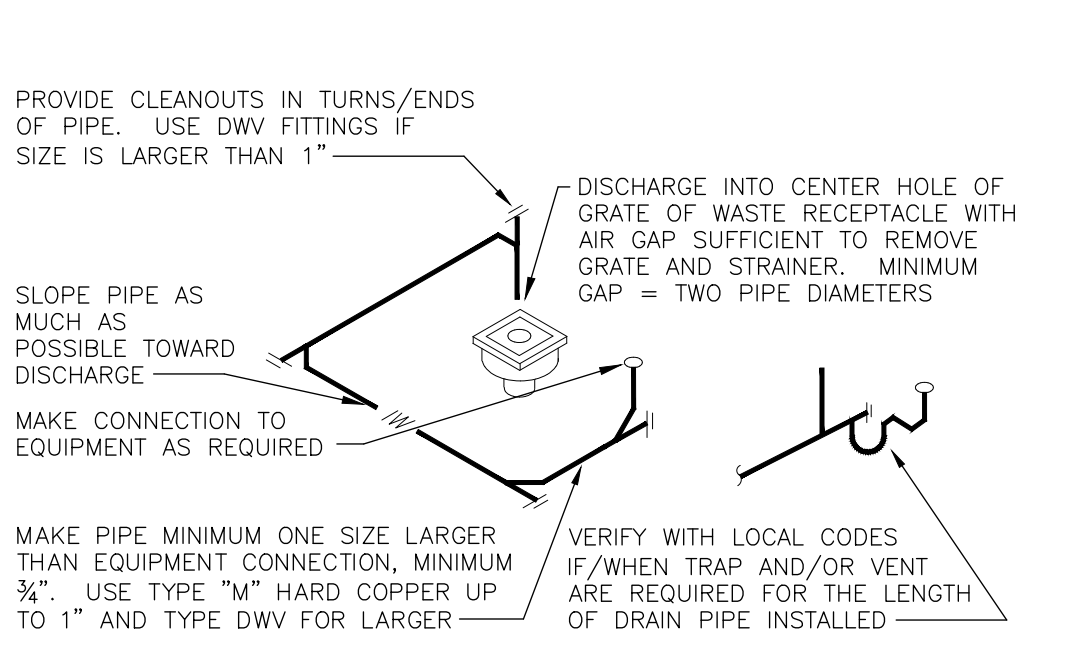
PROVIDE GALVANIZED STEEL SADDLE FOR ALL INSULATED PIPE LARGER THAN 3/4\"/>

PROVIDE UPPER ATTACHMENT AS REQUIRED FOR CASES NOT SHOWN HERE. DO NOT INSTALL HANGER INSIDE INSULATION OR OTHERWISE PENETRATE VAPOR BARRIER. DO NOT HANG ONE PIPE FROM ANOTHER EXCEPT IN CHASES. TRAPEZE HANGERS MAY BE USED FOR MULTIPLE PARALLEL PIPES. HANGER SPACING FOR PIPE SIZE: COPPER: 4\"/>

**05 PIPE HANGERS**  
NOT TO SCALE

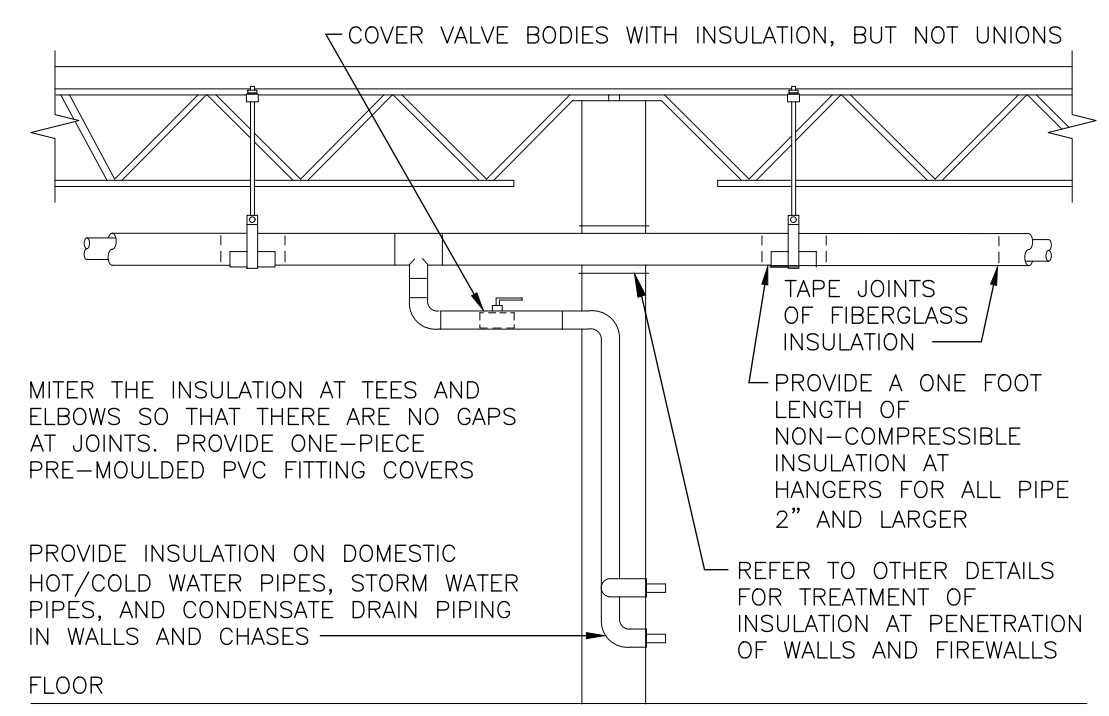


**06 USED COOKING OIL RECOVERY**  
NOT TO SCALE



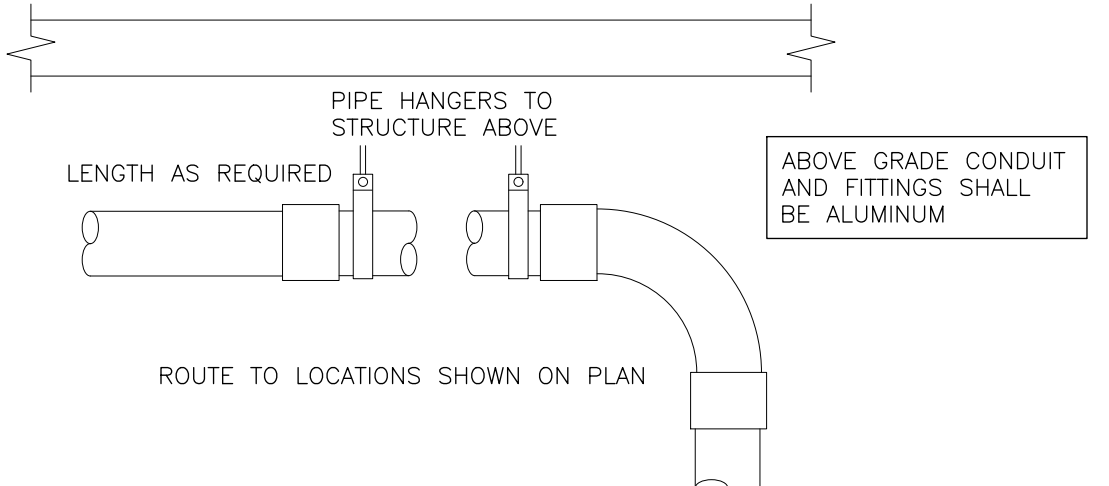
ROUTE PIPE INCONSPICUOUSLY AND UNOBTUSIVELY. HANG PIPE AS REQUIRED. DO NOT INSULATE INDIRECT DRAIN PIPE WHEN INSTALLED EXPOSED IN FOOD SERVICE FACILITY. REFER TO LOCAL CODES FOR FURTHER INFORMATION.

**07 INDIRECT DRAIN**  
NOT TO SCALE



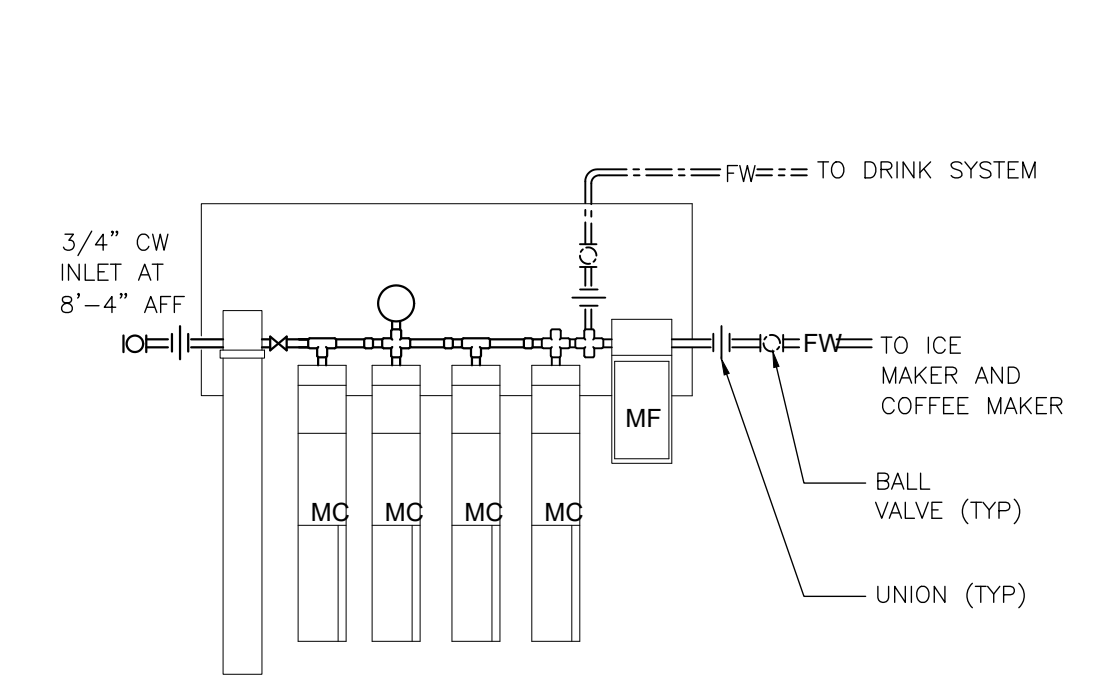
PROVIDE INSULATION ON DOMESTIC HOT/COLD WATER PIPES, STORM WATER PIPES, AND CONDENSATE DRAIN PIPING IN WALLS AND CHASES. REFER TO OTHER DETAILS FOR INSULATION AT PENETRATIONS OF WALLS AND FLOORS.

**01 PIPE INSULATION**  
NOT TO SCALE



PROVIDE ALUMINUM BEVERAGE CONDUIT AND FITTINGS EQUAL TO BEVSTREAM SYSTEM (WWW.BEVSTREAM.COM). USE MINIMUM QUANTITY OF FITTINGS WITH LONG SWEEP ELBOWS AT BOTH ENDS WITH A MINIMUM RADIUS OF 30\"/>

**02 BEVERAGE CONDUIT - ABOVE SLAB**  
NOT TO SCALE



REFER TO KITCHEN EQUIPMENT DRAWINGS FOR FILTER REQUIREMENTS.

**03 WATER FILTER**  
NOT TO SCALE

ISSUE TABLE

No.	Date (mm/dd/yy)	Description

REVISIONS

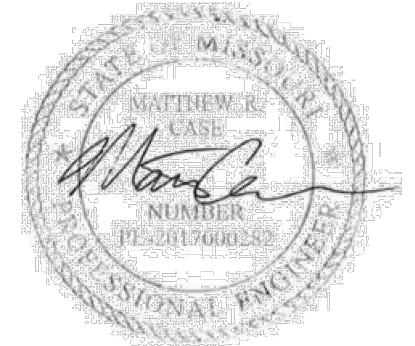
No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN

No.	Date	Description

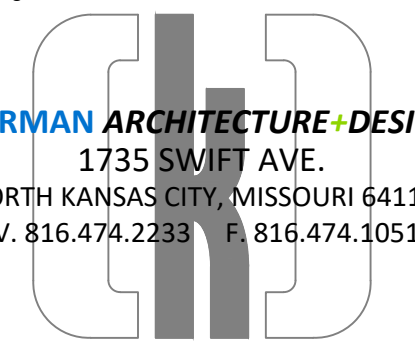
THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN OR ITS AFFILIATED OR RELATED COMPANIES AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

Licensed stamp



Nov 12, 2024

Company Logo



WARMAN ARCHITECTURE + DESIGN  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051

Project



POPEYES

Store Type

REMODEL  
(BASED ON US 2124 PROTOTYPE)

Location

440 NW Chipman Road  
Lee's Summit, MO 64063

Drawing Title

PLUMBING DETAILS

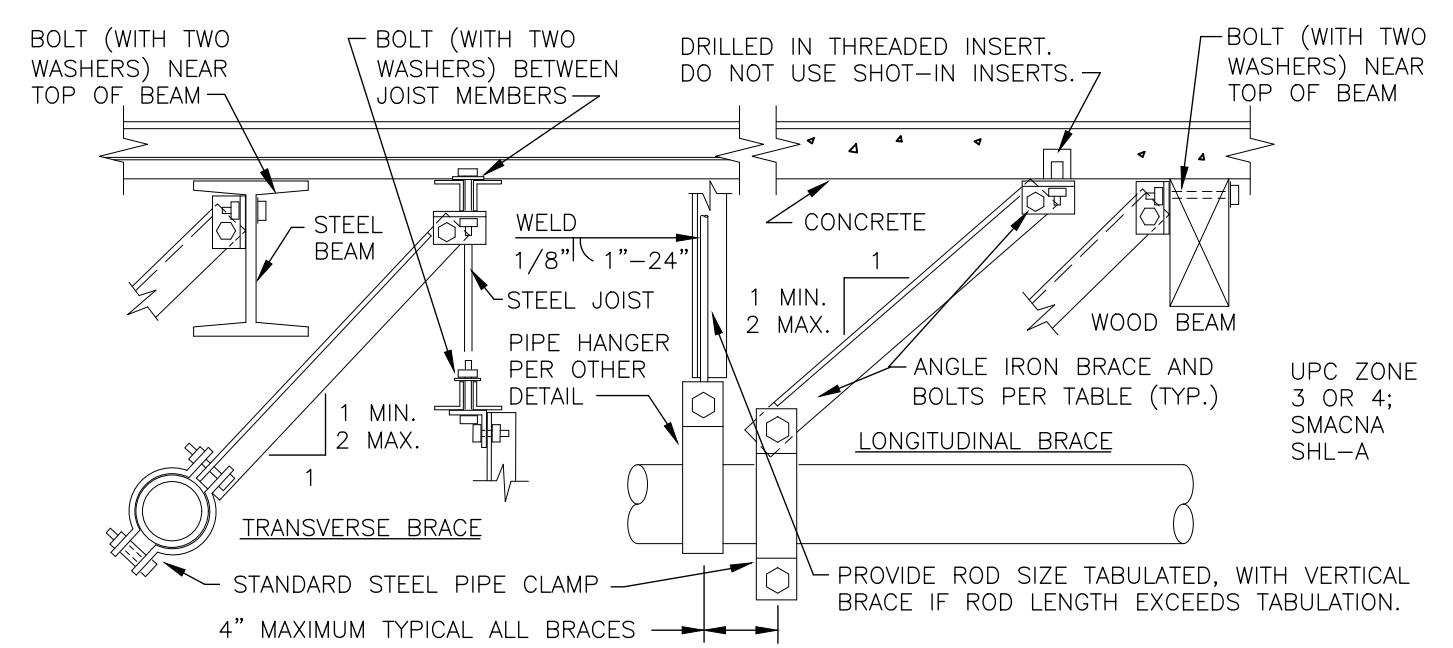
Drawn	Checked
DMM	NH
Scale	Date
	Nov 12, 2024
Project No.	Drawing No.
6091-24	P4.1

**CASE**  
Engineering Inc.

796 Merus Court  
St. Louis, MO 63026

T 636.349.1600  
F 636.349.1730

CERTIFICATE OF AUTHORITY NO. 001498

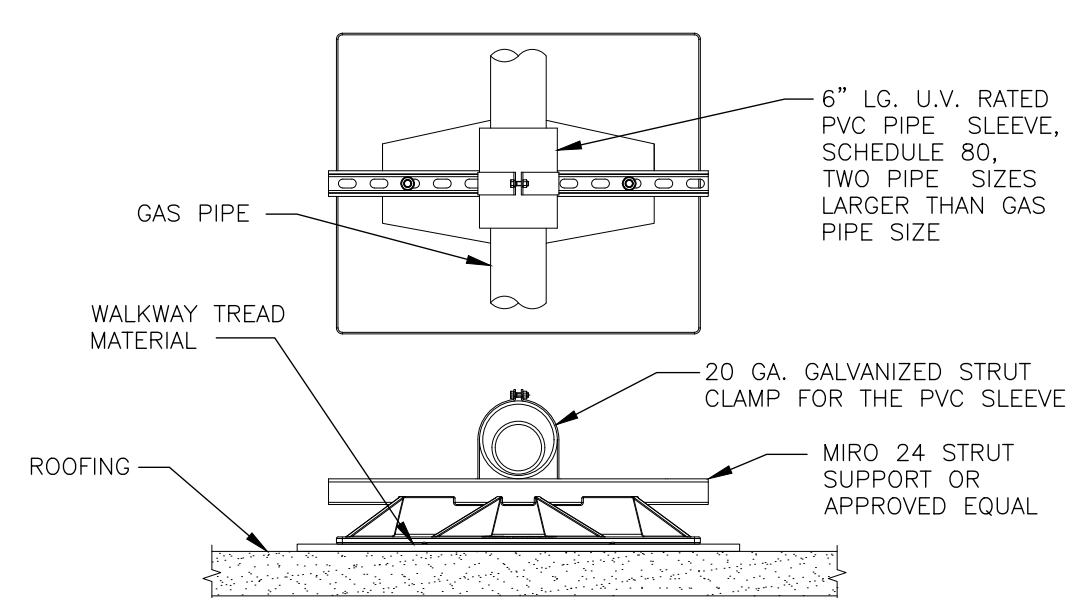


PIPE SIZE	SPACING TR. LO.	TRANSVERSE BRACE	LONGITUDINAL BRACE	BOLT SIZE	ROD SIZE	MAX ROD LENGTH	VERTICAL BRACE
1" TO 2"	20'	2"x2"x18GA	2"x2"x18GA	1/4"	3/8"	20"	2"x2"x18GA
2-1/2" TO 3"	40'	2-1/2"x2-1/2"x16GA	2-1/2"x2-1/2"x16GA	3/8"	1/2"	25"	2"x2"x16GA
4" TO 5"	40'	2-1/2"x2-1/2"x16GA	2-1/2"x2-1/2"x12GA	1/2"	5/8"	31"	2"x2"x16GA
6"	40'	2-1/2"x2-1/2"x12GA	2-1/2"x2-1/2"x12GA	1/2"	3/4"	37"	2-1/2"x2-1/2"x16GA
8"	40'	2-1/2"x2-1/2"x12GA	2-1/2"x2-1/2"x12GA	5/8"	7/8"	43"	2-1/2"x2-1/2"x12GA
10"	20'	2-1/2"x2-1/2"x12GA	2-1/2"x2-1/2"x12GA	3/4"	7/8"	43"	2-1/2"x2-1/2"x12GA
12"	20'	3"x3"x12GA	3"x3"x12GA	3/4"	7/8"	43"	2-1/2"x2-1/2"x12GA
14"	20'	3"x3"x12GA	3"x3"x12GA	3/4"	1"	50"	2-1/2"x2-1/2"x12GA

DO NOT BRACE ANY PIPES WHERE TOP OF PIPE TO BOTTOM OF UPPER ATTACHMENT IS LESS THAN 12". BRACE GAS, OIL AND AIR PIPES 1" AND LARGER. BRACE ALL PIPES IN EQUIPMENT ROOMS 1-1/4" AND LARGER. BRACE ALL OTHER PIPE 2-1/2" AND LARGER. BRACE HUBLESS CAST IRON PIPE ON EACH SIDE OF ANY CHANGE IN DIRECTION OF 90 DEGREES OR MORE. MAXIMUM HANGER ROD LENGTH IS 6 FEET. WHERE LENGTH OF RUN EXCEEDS LONGITUDINAL BRACE SPACING, PROVIDE 2 FEET OFFSET IN PIPE AND LOCATE BRACE AT MID RUNS. REFER TO CURRENT EDITION OF SMACNA "SEISMIC RESTRAINT MANUAL" FOR ALTERNATIVE ATTACHMENTS AND ADDITIONAL INFORMATION AND REQUIREMENTS. (THIS DETAIL APPLIES IN THE ABSENCE OF OTHER LOCAL CODE REQUIREMENTS.)

### 13 SEISMIC BRACING FOR PIPE

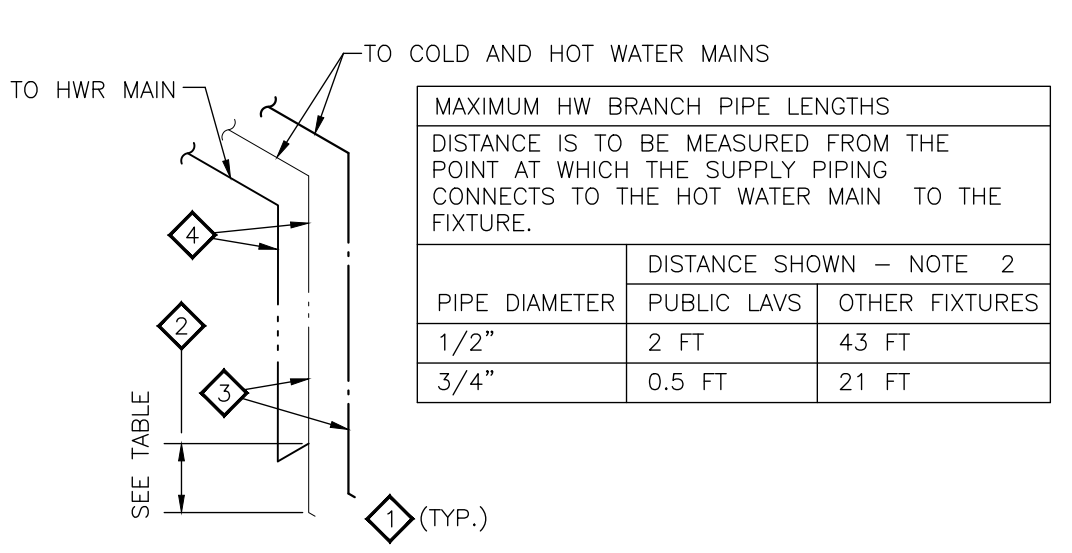
NOT TO SCALE



- NOTES
- SUPPORT REQUIRED 10'-0" O.C. AND AT ALL CHANGES IN DIRECTION.
  - INCREASE IN HEIGHT AS REQUIRED FOR ROUTING ABOVE ROOF MOUNTED ACCESSORIES SUCH AS EXPANSION JOINTS AND TO ACCOMMODATE SLOPE.

### 14 ROOF GAS PIPE SUPPORT

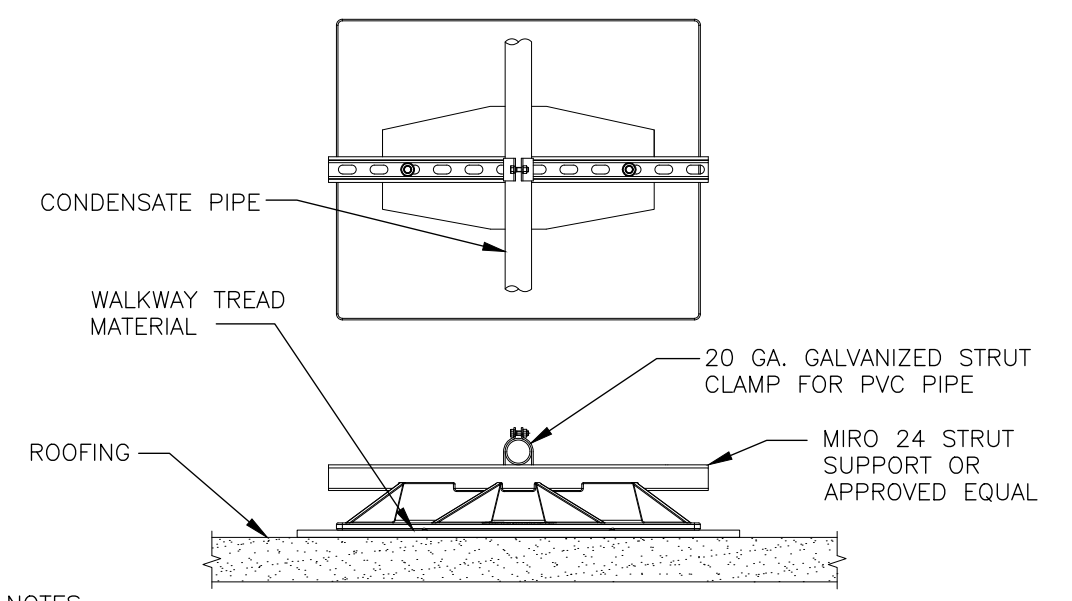
NOT TO SCALE



- KEY NOTES
- HOT WATER PIPING SHOWN ON FLOOR PLANS AND ISOMETRIC IS SHOWN FOR PLAN CLARITY. HOT WATER PIPING SHALL LOOP DOWN INTO WALL AS SHOWN TO FIXTURE.
  - SEE TABLE FOR MAXIMUM ALLOWED DISTANCE OF PIPING FROM HOT WATER MAIN TO FIXTURE.
  - PIPE SIZE TO FIXTURE PER PLANS.
  - PIPE SIZE FOR HOT WATER DISTRIBUTION PIPING PER PLANS.

### 15 PUBLIC HANDWASHING RECIRC.

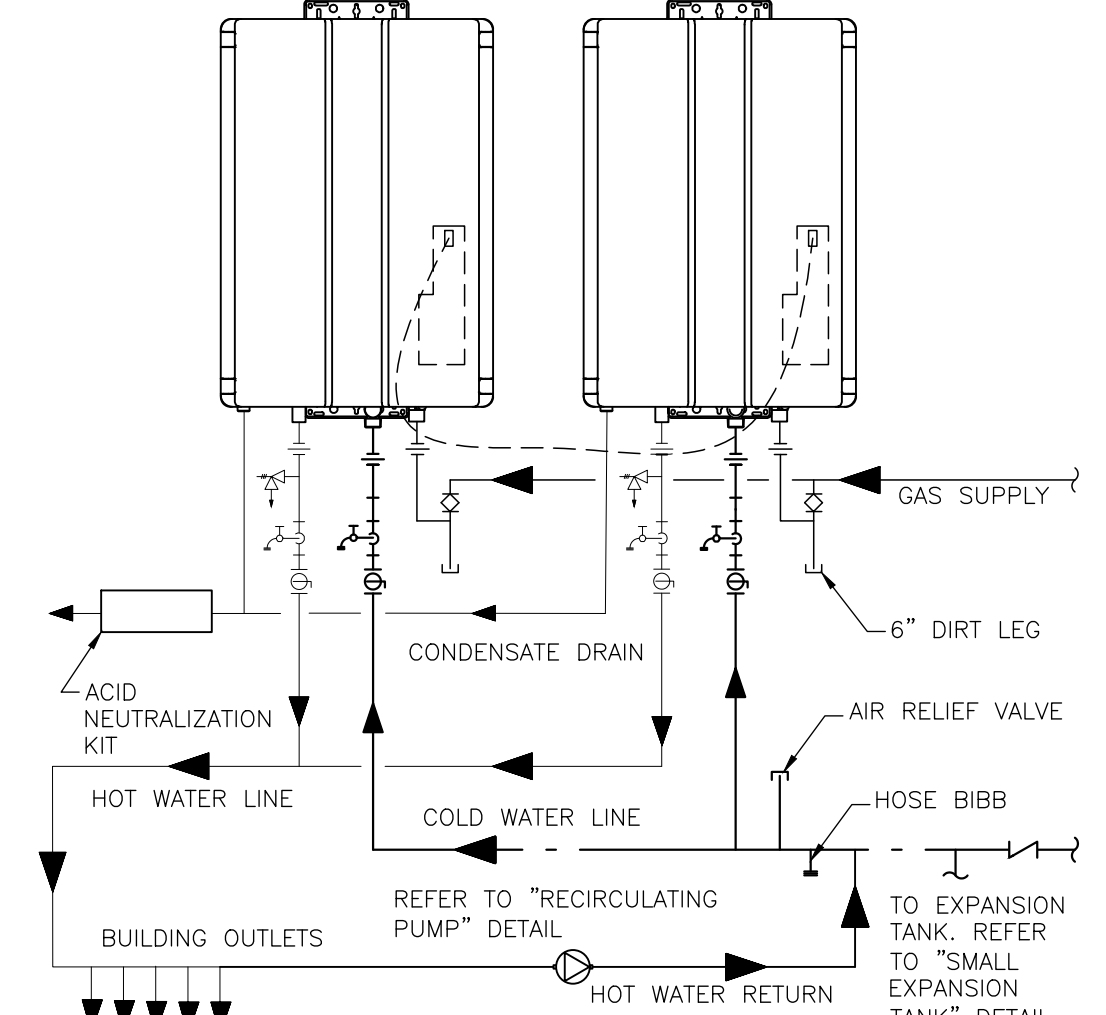
NOT TO SCALE



- NOTES
- SUPPORT REQUIRED 10'-0" O.C. AND AT ALL CHANGES IN DIRECTION.
  - INCREASE IN HEIGHT AS REQUIRED FOR ROUTING ABOVE ROOF MOUNTED ACCESSORIES SUCH AS EXPANSION JOINTS AND TO ACCOMMODATE SLOPE.

### 12 ROOF CONDENSATE PIPE SUPPORT

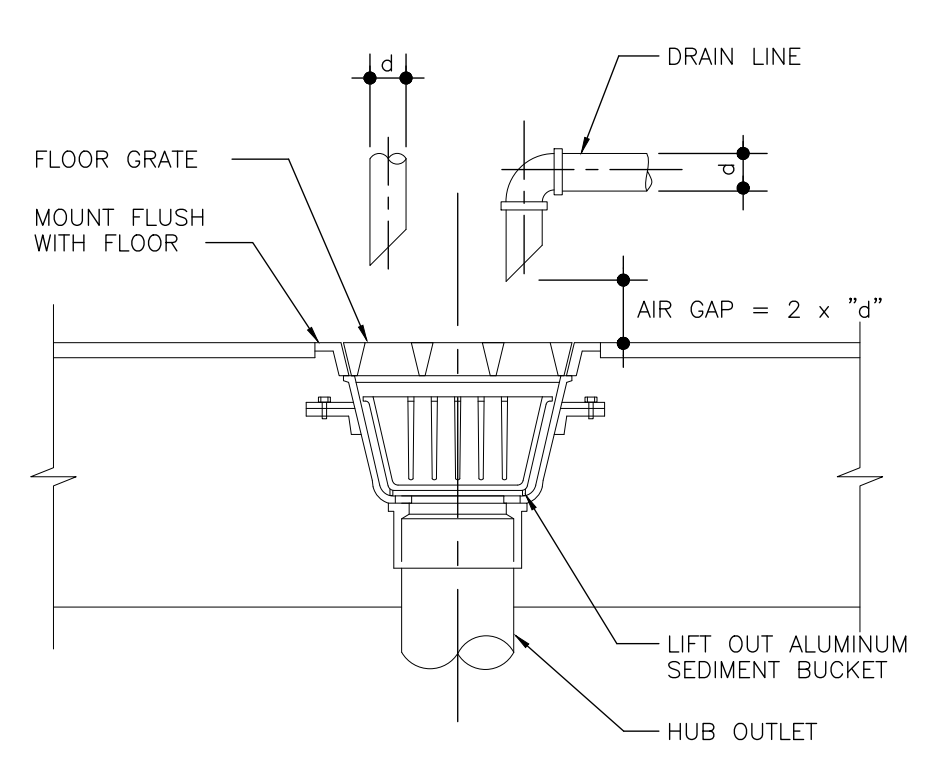
NOT TO SCALE



REFER TO SPECIFICATIONS AND PLUMBING FIXTURE SCHEDULE. PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. REFER TO FLOOR PLAN FOR PIPE SIZES. SET WATER HEATER THERMOSTAT AT 120° FAHRENHEIT. PROVIDE SEISMIC STRAP OR BRACING AND FLEXIBLE CONNECTORS TO WATER AND GAS CONNECTIONS IF/AS REQUIRED BY LOCAL AUTHORITIES.

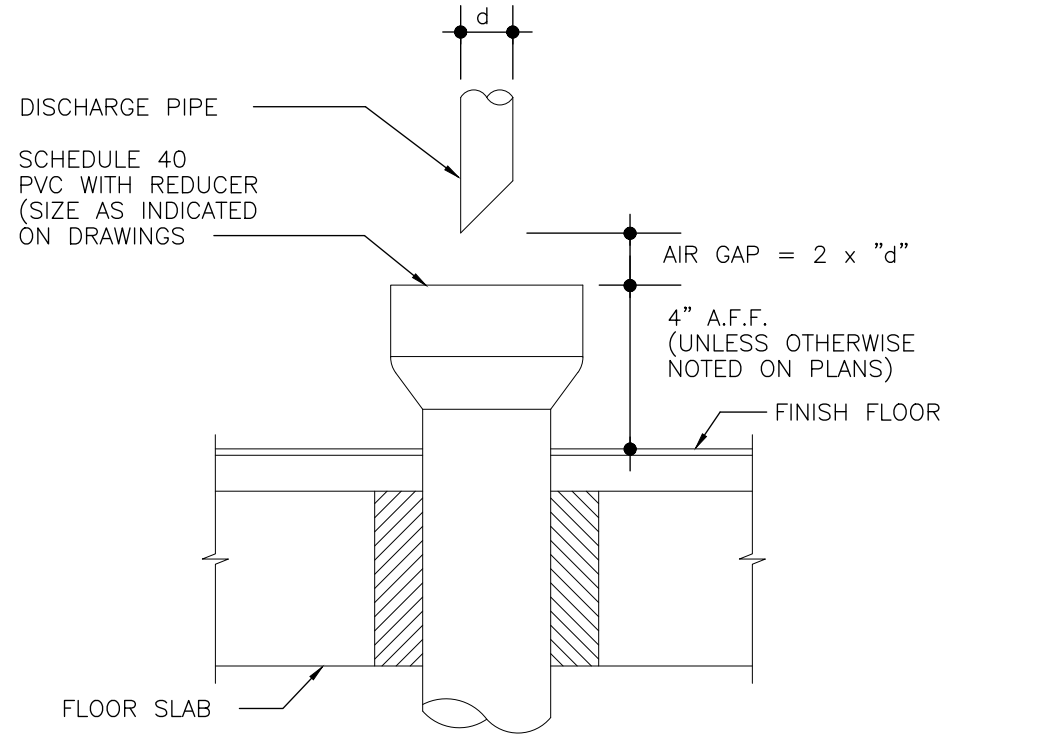
### 09 TANKLESS GAS WATER HEATERS

NOT TO SCALE



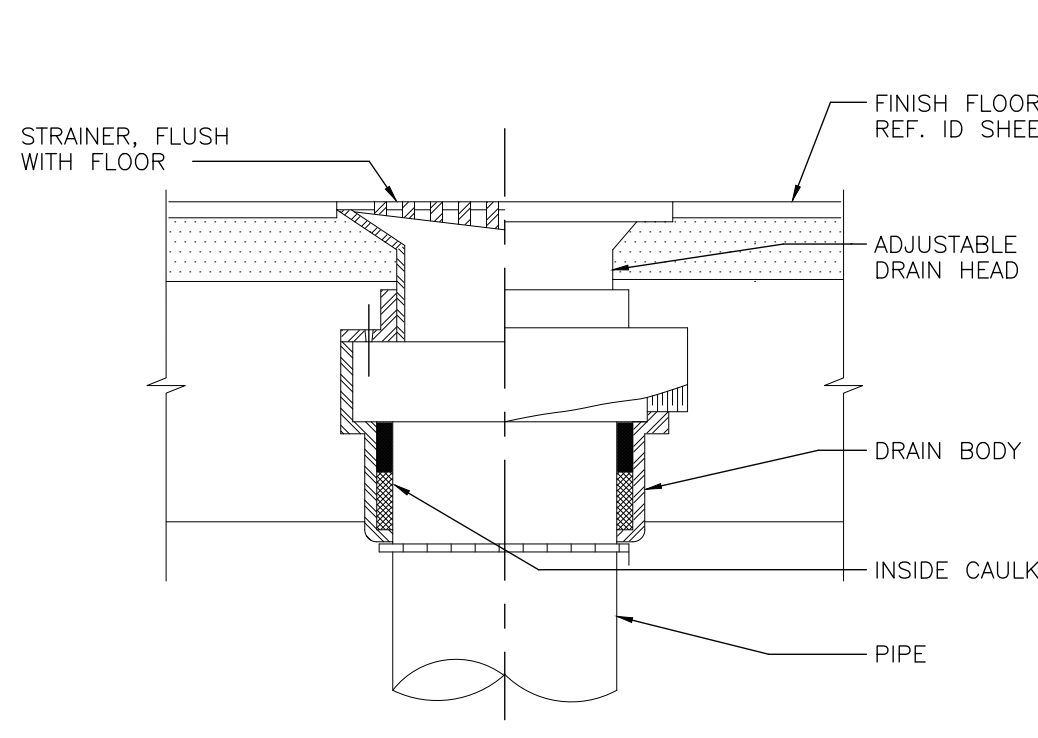
### 10 FLOOR SINK

NOT TO SCALE



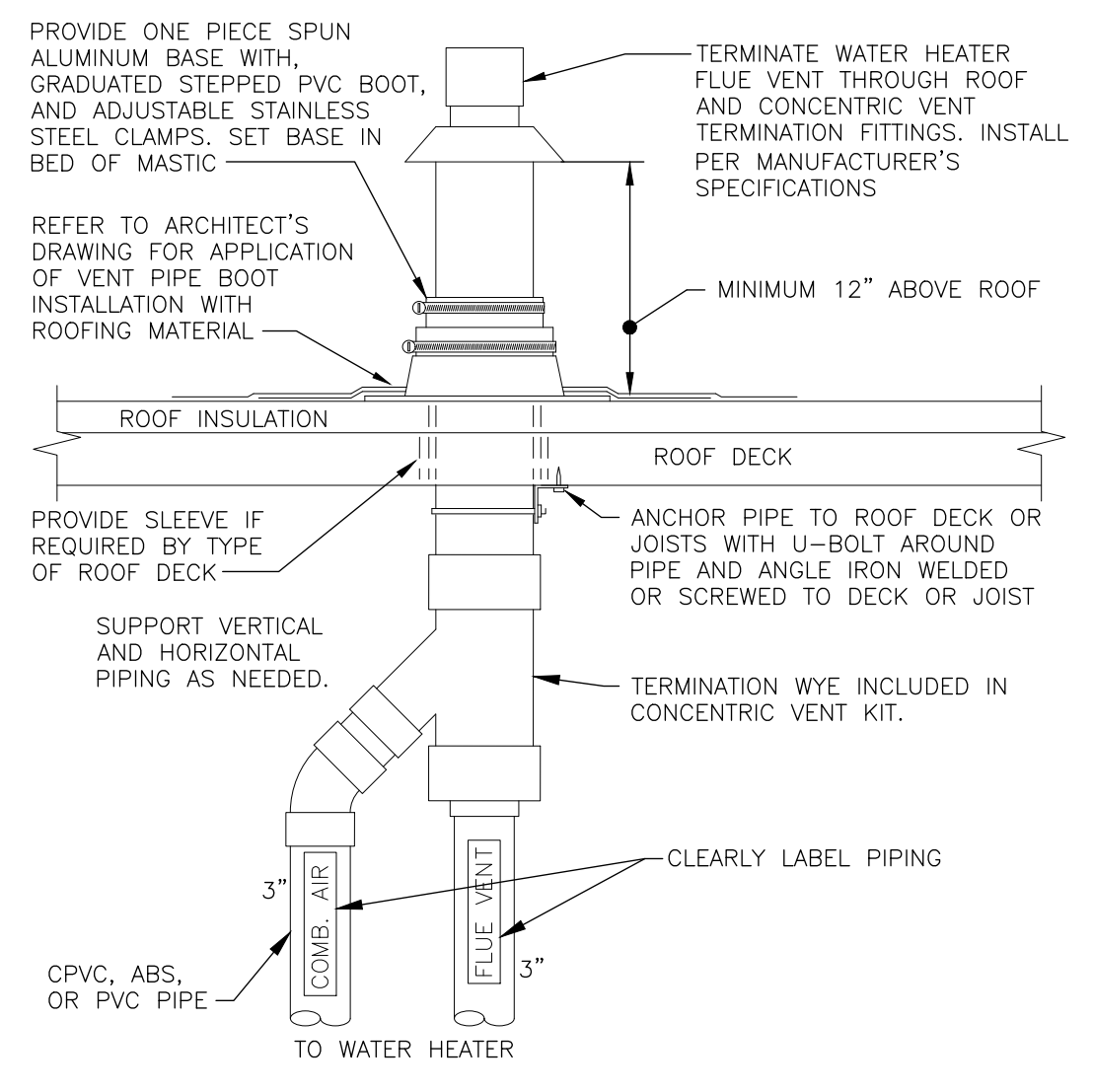
### 11 HUB DRAIN

NOT TO SCALE



### 08 FLOOR DRAIN

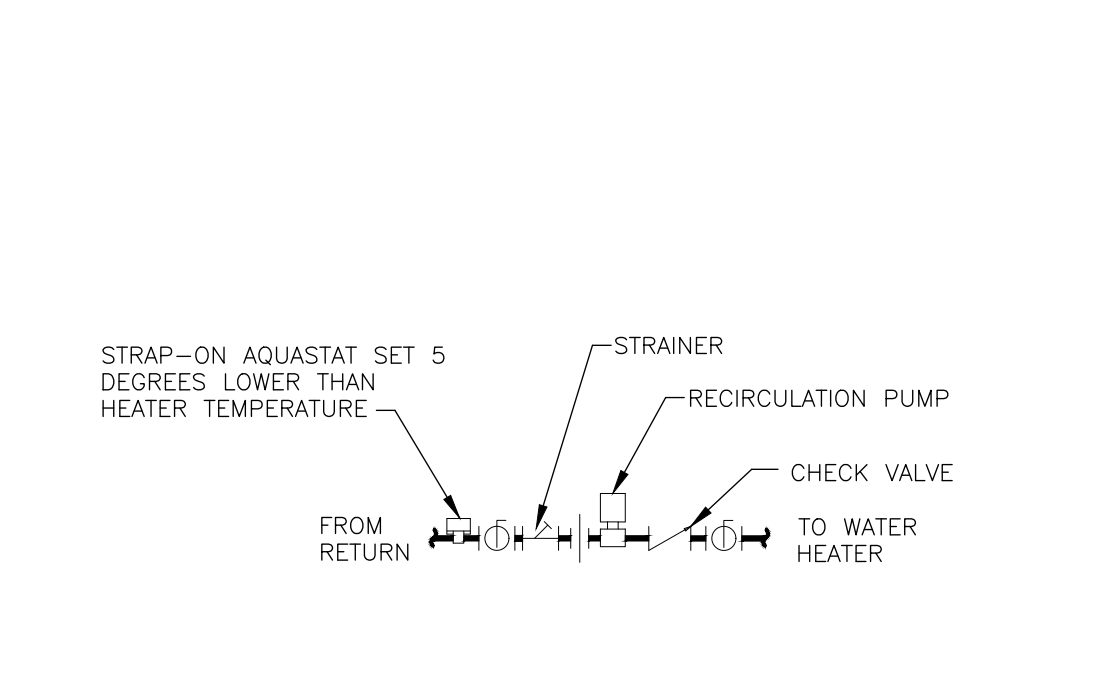
NOT TO SCALE



REFER TO PLANS FOR WATER HEATER FLUE VENT PIPE SIZES AND LOCATIONS. LOCATE CONCENTRIC VENT A MINIMUM OF 10 FEET HORIZONTAL (UNLESS APPROVED BY ENGINEER PRIOR TO INSTALLATION) AND ONE FOOT FROM ANY VERTICAL SURFACE. VERIFY FLASHING AND COUNTERFLASHING WITH ROOFING CONTRACTOR.

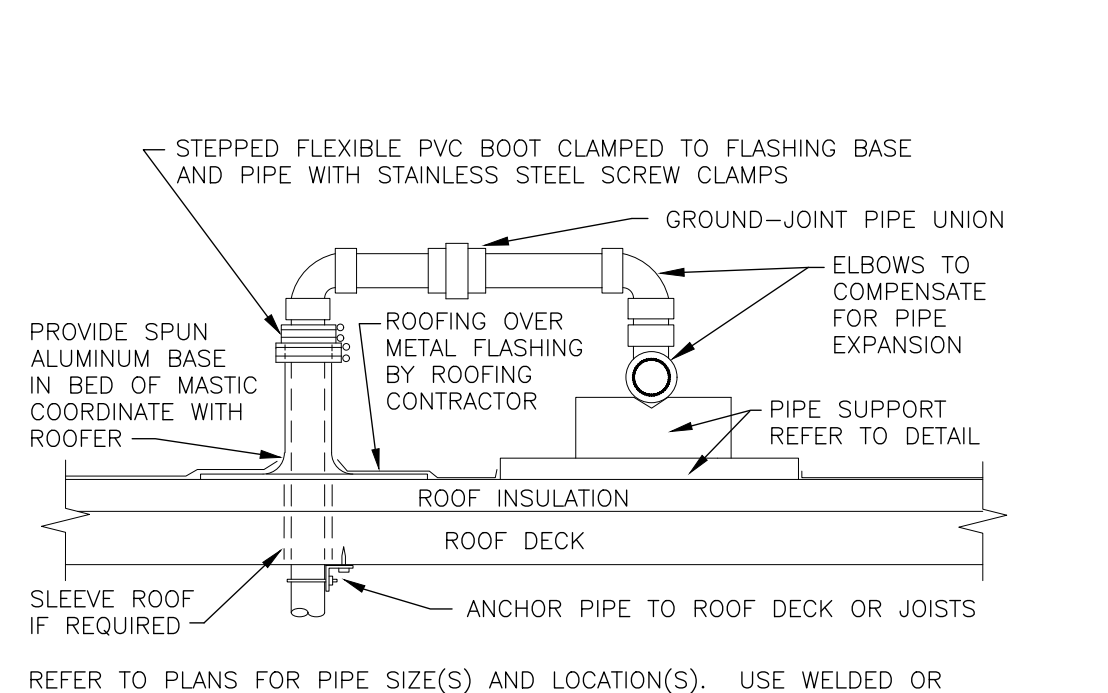
### 05 CONCENTRIC VENT

NOT TO SCALE



### 06 RECIRCULATION PUMP

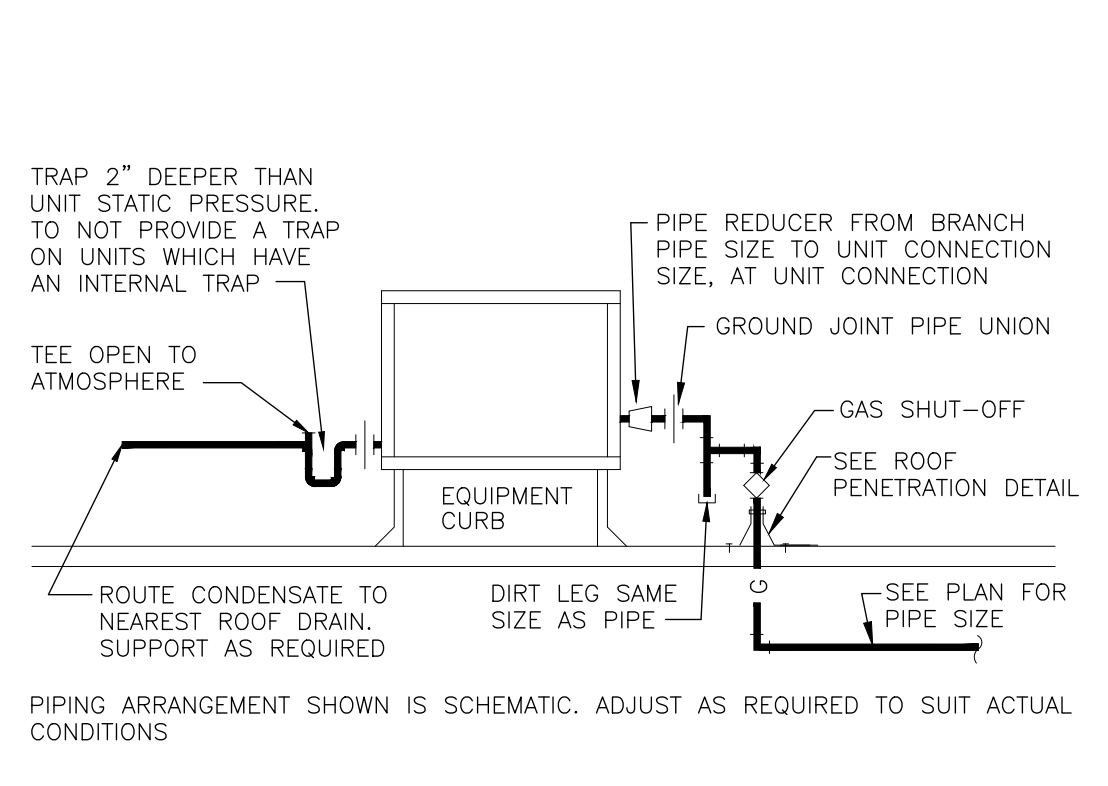
NOT TO SCALE



REFER TO PLANS FOR PIPE SIZE(S) AND LOCATION(S). USE WELDED OR SCREWED FITTINGS AS SPECIFIED FOR PIPE SIZE. LOCATE PENETRATION MINIMUM 18" FROM ADJACENT WALLS.

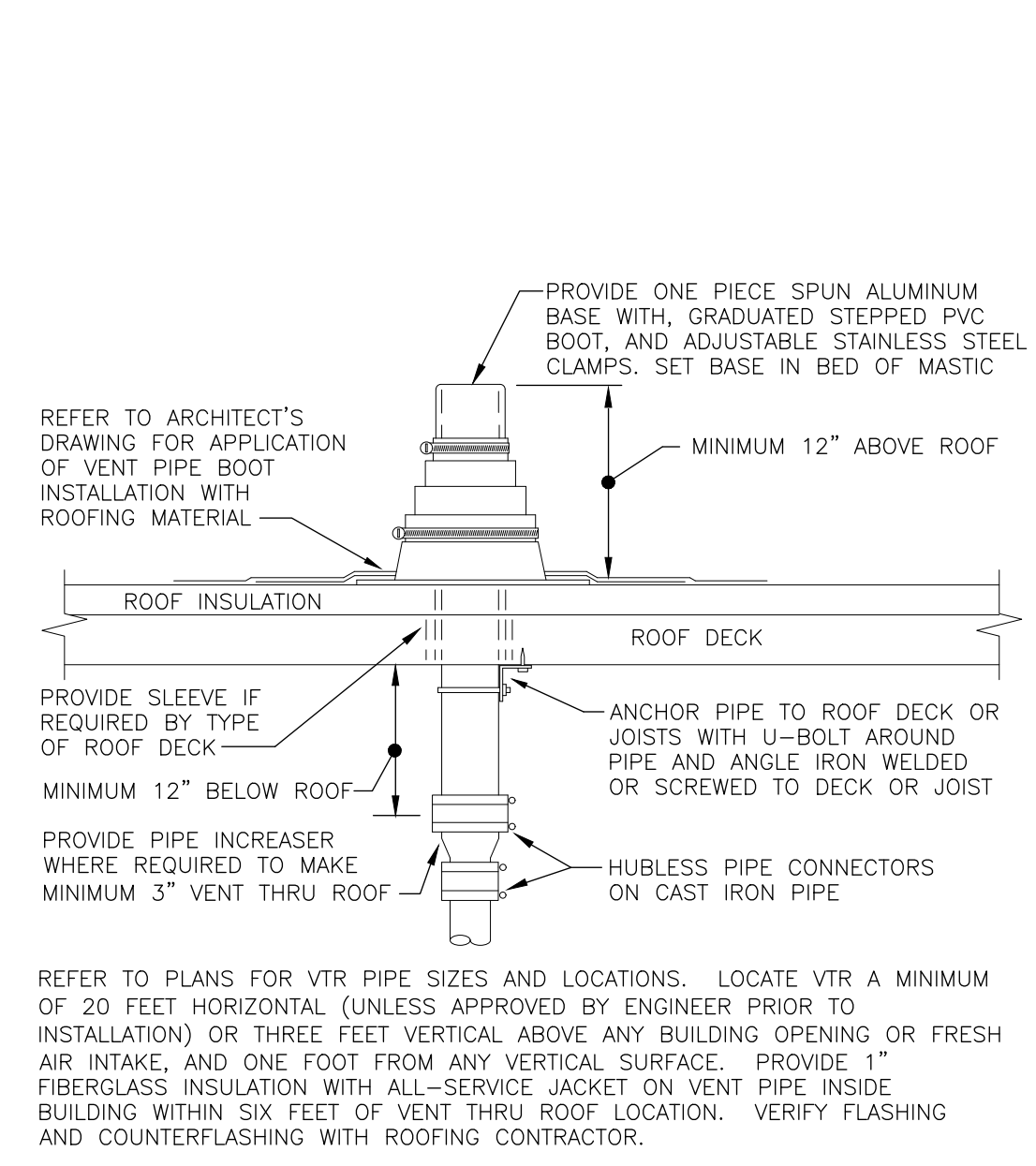
### 07 ROOF PENETRATION

NOT TO SCALE



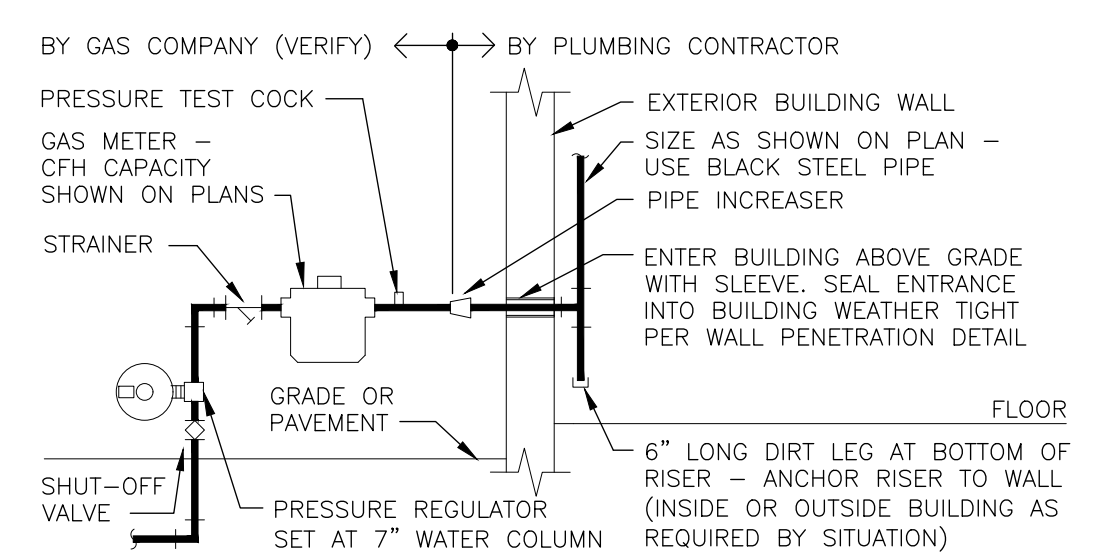
### 04 ROOFTOP UNIT CONNECTIONS

NOT TO SCALE



### 01 VENT THRU ROOF (VTR)

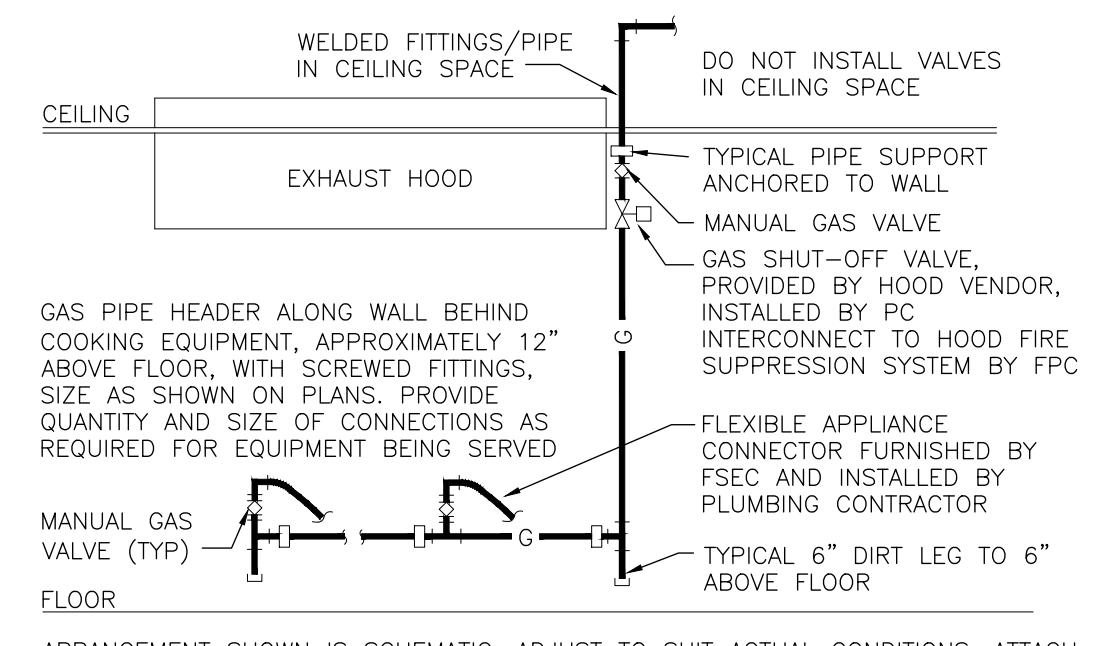
NOT TO SCALE



VERIFY REQUIREMENTS FOR METERING AND PIPING WITH GAS COMPANY. GAS COMPANY SHALL EXCAVATE, BACKFILL, AND REPAIR PAVING AND SOG FOR GAS SERVICE LINE INSTALLATION FROM MAIN TO BUILDING. PLUMBING CONTRACTOR TO PAY ALL GAS COMPANY FEES FOR THIS INSTALLATION. USE WELDED OR SCREWED PIPE AND FITTINGS PER SPECIFICATIONS. PAINT EXPOSED METAL GAS PIPE, FITTINGS AND ITEMS LIGHT GREEN. PROVIDE SEISMIC GAS VALVE AS REQUIRED; COORDINATE REQUIREMENTS WITH GAS COMPANY.

### 02 GAS SERVICE

NOT TO SCALE



ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT ACTUAL CONDITIONS. ATTACH RISER AND HEADER TO WALL WITH 1" CLEARANCE BEHIND PIPE. MAKE FINAL CONNECTION TO EQUIPMENT AS RECOMMENDED BY MANUFACTURER. PROVIDE WELDED FITTINGS/JOINTS IN ANY CONCEALED, UNSLEEVED LOCATION

### 03 COOKING APPLIANCE GAS PIPE

NOT TO SCALE

ISSUE TABLE		
No.	Date (mm/dd/yy)	Description
REVISIONS		
No.	Date	Description
DRAWINGS REVISED AS PER DESIGN BULLETIN		
No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".

Licensed stamp

Nov 12, 2024

Company Logo

**WARMAN ARCHITECTURE + DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051

Project

**POPEYES**

Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road**  
**Lee's Summit, MO 64063**

Drawing Title  
**PLUMBING DETAILS**

Drawn	Checked
DMM	NH
Scale	Date
	Nov 12, 2024
Project No.	Drawing No.
6091-24	P4.2

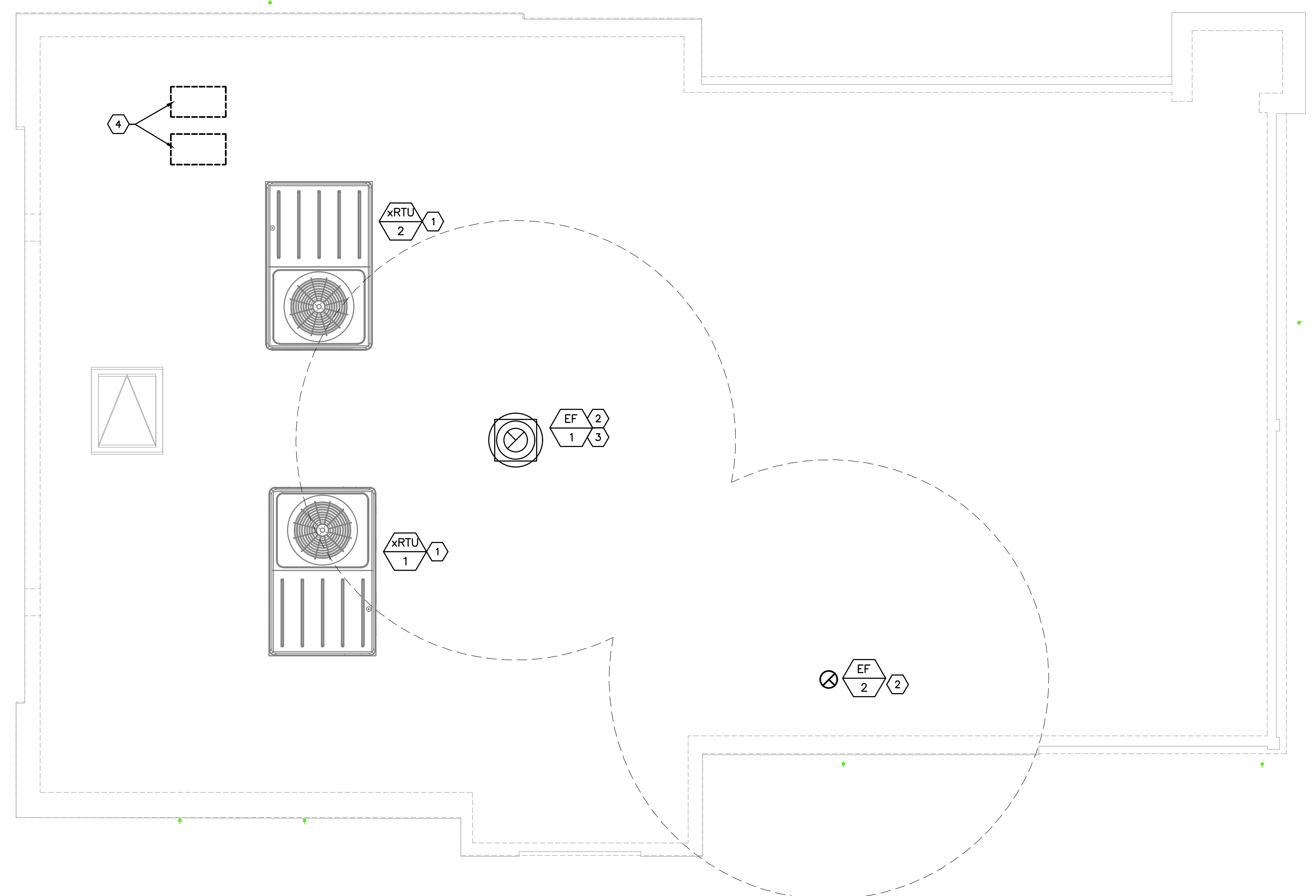
**CASE Engineering Inc.**  
796 Merus Court  
St. Louis, MO 63026  
T 636.349.1600  
F 636.349.1730  
CERTIFICATE OF AUTHORITY NO. 001498





- MECHANICAL KEY NOTES**
- 1 EXISTING ROOFTOP UNIT TO REMAIN. VERIFY PROPER OPERATION IN FIELD.
  - 2 INSTALL OWNER FURNISHED ROOF MOUNTED EXHAUST FAN AND CURB.
  - 3 INSTALL OWNER FURNISHED WIND BAND EXTENSION FOR GREASE EXHAUST FAN. EXHAUST TERMINATION MUST BE EQUAL OR HIGHER THAN ANY WALL OR PARAPET WITHIN 5'-0" OF FAN. VERIFY REQUIRED HEIGHT PRIOR TO BID AND COORDINATE WITH HOOD MANUFACTURER FOR ADDITION TO EQUIPMENT PRIOR TO BID.
  - 4 CONDENSING UNITS SERVING WALK-IN COOLER/FREEZER.

- GENERAL NOTES**
- A. SEAL ALL ROOF PENETRATIONS WATER TIGHT. COORDINATE ALL PENETRATIONS WITH GENERAL CONTRACTOR AND ROOFING CONTRACTOR.
  - B. ALL OUTDOOR INTAKES SHALL BE LOCATED AT LEAST 10 FEET FROM EXHAUST OUTLETS, APPLIANCE FLUES AND PLUMBING VENTS.
  - C. MAINTAIN ALL CODE AND MANUFACTURER'S RECOMMENDED CLEARANCES AROUND ALL ROOF EQUIPMENT.



**01 MECHANICAL ROOF PLAN**  
1/4"=1'-0"

**ISSUE TABLE**

No.	Date (mm/dd/yy)	Description

**REVISIONS**

No.	Date	Description

**DRAWINGS REVISED AS PER DESIGN BULLETIN**

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS ISSUED FOR CONSTRUCTION.

Licensed stamp

Nov 12, 2024

Company Logo

**WARMAN ARCHITECTURE + DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051

Project

**LOUISIANA KITCHEN**  
**POPEYES**

Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
440 NW Chipman Road  
Lee's Summit, MO 64063

Drawing Title  
**MECHANICAL ROOF PLAN**

Drawn ATP	Checked
Scale	Date Nov 12, 2024
Project No. 6091-24	Drawing No. M1.2

**CASE**  
Engineering Inc.

796 Merus Court | T 636.349.1600  
St. Louis, MO 63026 | F 636.349.1730  
CERTIFICATE OF AUTHORITY NO. 001498













SECTION 16140 - WIRING DEVICES

1. THIS SECTION INCLUDES THE FOLLOWING:

- A. RECEPTACLES
B. LIGHTING AND EQUIPMENT SWITCHES
C. WALL PLATES
D. FLOOR SERVICE OUTLETS
E. OCCUPANCY SENSORS
F. MANUAL DIMMERS

2. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:

- A. WIRING DEVICES & ACCESSORIES:
A.1. COPPER WIRING DEVICES
A.2. CROUSE-HINDS CO.
A.3. HUBBELL INC.
A.4. LEVITON
A.5. PASS AND SEYMOUR INC.

- B. FLOOR BOXES:
B.1. AMERICAN ELECTRIC, STEEL CITY
B.2. WALKER / WIREMOLD COMPANY
B.3. RACO, INC., HUBBELL INC.
B.4. RACEWAY COMPONENTS, INC.

- C. DIMMERS:
C.1. HUBBELL INC.
C.5. LEVITON LIGHTING CONTROLS
C.6. LUTRON LIGHTING

- D. OCCUPANCY SENSOR LIGHTING CONTROL:
D.1. HUBBELL INC.
D.2. LEVITON MANUFACTURING INC.
D.3. WATT STOPPER INC.
D.4. SENSOR SWITCH
D.5. GREENGATE

3. WIRING DEVICES:
A. PROVIDE WIRING DEVICES, IN TYPES, CHARACTERISTICS, GRADES, COLORS, AND ELECTRICAL RATINGS FOR APPLICATIONS INDICATED WHICH ARE UL LISTED AND WHICH COMPLY WITH NEMA WD 1 AND OTHER APPLICABLE UL AND NEMA STANDARDS. ALL DEVICES TO BE SPECIFICATION GRADE (HEAVY DUTY U.L. GRADE), WITH GREEN HEXAGONAL EQUIPMENT GROUND SCREW, METAL PLASTER EARS AND SIDE TERMINAL SCREWS FOR BACK AND SIDE WIRING.

B. ALL WIRING DEVICES ARE TO BE PROVIDED BY THE SAME MANUFACTURER UNLESS NOTED OTHERWISE.

C. ALL WIRING DEVICES AND COVERPLATES SHALL BE:

- C.1. WHITE.
C.2. WHITE - WHERE INSTALLED IN WHITE CEILINGS.
C.3. BLACK - WHERE INSTALLED IN DARK CEILINGS.
C.4. ORANGE - WHERE SUPPLYING A UPS CIRCUIT. (DEVICE ONLY, COVERPLATE SHALL BE AS ABOVE).

D. RECEPTACLES:

D.1. DUPLEX RECEPTACLE, 15 AMP, 125 VOLT, 2-POLE, 3-WIRE, GROUNDING TYPE WITH NEMA CONFIGURATION 5-15R, MEETS FEDERAL SPEC. WC-596-F. LEVITON #5252.

D.2. SINGLE RECEPTACLE, 20 AMP, 125 VOLT, 2-POLE, 3-WIRE, GROUNDING TYPE WITH NEMA CONFIGURATION 5-20R, MEETS FEDERAL SPEC. WC-596-F. LEVITON #5351.

D.3. DUPLEX RECEPTACLE, 20 AMP, 125 VOLT, 2-POLE, 3-WIRE, GROUNDING TYPE WITH NEMA CONFIGURATION 5-20R, MEETS FEDERAL SPEC. WC-596-F. LEVITON #5352.

D.4. GROUND FAULT INTERRUPTER RECEPTACLE, 20 AMP, 125 VOLT, 2-POLE, 3-WIRE, GROUNDING TYPE WITH NEMA CONFIGURATION 5-20R, UL943 APPROVED, SELF-TESTING, SOLID STATE GROUND FAULT SENSING LEVEL WITH 5 MILLIAMPERES GROUND FAULT TRIP LEVEL, LED INDICATOR LIGHT WITH TEST/RESET BUTTONS THAT MATCH THE COLOR OF THE FACE. LEVITON #95362-WT.

D.5. USB RECEPTACLE, 20A, 125V, 2-POLE, 3-WIRE, GROUNDING TYPE WITH NEMA CONFIGURATION 5-20R, (2) VERTICAL USB PORTS WITH 3.6A CHARGING CAPACITY (MINIMUM), MEETS FEDERAL SPEC. WC-596-F. LEVITON #5832

D.5.1. WHERE SHOWN AS A QUAD RECEPTACLE ON PLANS, PROVIDE (2) USB RECEPTACLES AS SPECIFIED ABOVE.

D.6. WEATHERPROOF RECEPTACLE SHALL BE A GROUND-FAULT INTERRUPTER WITH THOMAS & BETTS #CKSLV DIE-CAST ALUMINUM SMALL COVER PLATE. LOCATE BOX VERTICAL IN WALL. PLATE TO BE LISTED AND LABELED SUITABLE FOR WET LOCATIONS WHILE IN USE.

D.7. ISOLATED GROUND DUPLEX RECEPTACLE, 20 AMP, 125 VOLT, 2-POLE, 3-WIRE, FACE WITH ORANGE TRIANGLE, GROUND SCREW ISOLATED FROM MOUNTING YOKE, NEMA CONFIGURATION 5-20RIG. LEVITON #5362-IG.

D.8. CONTROLLED DUPLEX RECEPTACLE, 20 AMP, 125 VOLT, 3-WIRE, GROUNDING TYPE WITH NEMA CONFIGURATION 5-20R, PERMANENTLY LABELED WITH CONTROLLED SYMBOL, MEETS FEDERAL SPEC. WC-596-F. LEVITON #5362-2.

D.8.1. WHERE SHOWN AS A QUAD RECEPTACLE ON PLANS, PROVIDE (1) CONTROLLED RECEPTACLE AND (1) DUPLEX RECEPTACLE AS SPECIFIED ABOVE.

D.9. HEAVY DUTY RECEPTACLES SHALL BE OF THE SAME MANUFACTURER AS THE CONVENIENCE OUTLETS AND HAVE THE RATINGS AND CHARACTERISTICS (VOLTAGE, AMPS, POLES, WIRES) AS SHOWN ON DRAWINGS.

E. SWITCHES:

E.1. TOGGLE TYPE SWITCH, 20 AMP, 120/277 VOLT AC SINGLE-POLE, QUITE TYPE, WITH MOUNTING YOKE INSULATED FROM MECHANISM, EQUIPPED WITH PLASTER EARS, SIDE-WIRED SCREW TERMINALS, MEETS FEDERAL SPEC WS-896.

E.1.1. DOUBLE-POLE, 3-WAY, AND 4-WAY SWITCHES SHALL BE OF THE SAME MAKE AS FOR SINGLE-POLE.

E.2. KEY TYPE SWITCH, 20 AMP, 120/277 VOLT AC SINGLE-POLE, WITH MOUNTING YOKE INSULATED FROM MECHANISM, EQUIPPED WITH PLASTER EARS, SIDE-WIRED SCREW TERMINALS, POLISHED METAL TOP AND PROVIDE WITH ONE STEEL KEY. LEVITON #1121-2L.

E.2.1. DOUBLE-POLE, 3-WAY, AND 4-WAY SWITCHES SHALL BE OF THE SAME MAKE AS FOR SINGLE-POLE.

E.3. WHEN A LIGHTED HANDLE IS INDICATED WITH SWITCHING DEVICE, PROVIDE SWITCH DEVICE WITH 1/25 WATT NEON PILOT INTEGRAL WITH TOGGLE HANDLE, RATED 120/277 VOLT. GLOWS WHEN SWITCH IS "OFF". PASS & SEYMOUR #20AC1-CSL.

E.4. WHEN A PILOT LIGHT IS INDICATED WITH SWITCHING DEVICE, PROVIDE SWITCH DEVICE WITH 1/25 WATT NEON PILOT INTEGRAL WITH TOGGLE HANDLE, RATED 120/277 VOLT. GLOWS WHEN SWITCH IS "ON". PASS & SEYMOUR #20AC1-RPL.

F. FLOOR RECEPTACLES:

F.1. TYPE 'A': HUBBELL #B-2436, RECTANGULAR SINGLE-GANG, WATERTIGHT BOX WITH ONE S-3825 DUPLEX FLAP COVER. BOX COVER PLATE SHALL BE BRASS. COVER TO BE PROVIDED WITH BRASS CARPET FLANGE FOR FLUSH INSTALLATION IN LINOLEUM, WOOD OR CARPET FLOORS. EACH FLOOR OUTLET SHALL BE COMPLETE WITH ONE 20 AMP, 125 VOLT DUPLEX BROWN RECEPTACLE AS SPECIFIED UNDER "RECEPTACLES".

F.2. TYPE 'B': HUBBELL #B-4233, RECTANGULAR DOUBLE-GANG, FULLY ADJUSTABLE, WATERTIGHT BOX WITH ONE S-3825 DUPLEX FLAP COVER COMPLETE WITH ONE 20 AMP, 125 VOLT DUPLEX BROWN RECEPTACLE AS SPECIFIED UNDER "RECEPTACLES". ALSO PROVIDE ONE S-2825 COVER PLATE WITH ONE S-3067 SPLIT NOZZLE FOR PROTECTION OF TELEPHONE/COMPUTER CABLES. BOX COVER PLATES SHALL BE BRASS. COVER TO BE PROVIDED WITH BRASS CARPET FLANGE FOR FLUSH INSTALLATION IN LINOLEUM, WOOD OR CARPET FLOORS.

F.3. TYPE 'C': HUBBELL #B-2436, RECTANGULAR SINGLE-GANG BOX, BRASS PLATE #S2425 WITH 3/4 PLUG OPENING FOR CONNECTION OF FLEXIBLE CONDUIT FROM EQUIPMENT. COVER TO BE PROVIDED WITH BRASS CARPET FLANGE FOR FLUSH INSTALLATION IN LINOLEUM, WOOD OR CARPET FLOORS.

G. WALL PLATES: SINGLE AND COMBINATION, OF TYPES, SIZES, AND WITH GANGING AND CUTOUPS AS INDICATED. PROVIDE PLATES WHICH MATE WITH WIRING DEVICES TO WHICH ATTACHED. PROVIDE METAL SCREWS FOR SECURING PLATES TO DEVICES WITH SCREW HEADS TO MATCH FINISH OF PLATES. PROVIDE WALL PLATES WITH ENGRAVED LEGEND WHERE INDICATED. CONFORM TO REQUIREMENTS

SECTION 16140 - WIRING DEVICES

OF SECTION "ELECTRICAL IDENTIFICATION."

H. OCCUPANCY SENSOR LIGHTING CONTROL:

H.1. WALL MOUNTED OCCUPANCY SENSOR TO BE PASSIVE INFRARED COVERING 1200 (OR 900) SQUARE FEET, RATED FOR 120/277 VOLT, 1500 WATTS MAXIMUM LOAD OF INCANDESCENT OR FLUORESCENT LIGHT. SENSOR TO HAVE 180° FIELD OF VIEW, OFF/AUTO/ON SLIDE SWITCH, ADJUSTABLE TIME-OUT FROM 1 TO 20 MINUTES, AND LED MOVEMENT INDICATOR PILOT. SENSOR TO BE MOUNTED IN A SINGLE-GANG WALL BOX AT SAME ELEVATION AS STANDARD WALL SWITCHES.

H.1.1. WATT STOPPER #PW-100 SINGLE REALY (OR #PW-200 DUAL RELAY).

H.2. CEILING MOUNTED OCCUPANCY SENSOR TO BE DUAL TECHNOLOGY WITH ULTRASONIC & PASSIVE INFRARED TYPE SENSORS. SENSORS TO HAVE TWO-WAY OR ONE-WAY DISTRIBUTION DEPENDING ON MOUNTING LOCATION CAPABLE OF ADJUSTING THE SENSITIVITY AND LENGTH OF OPERATION BASED ON PAST ACTIVITY LEVEL OF THE AREA'S OCCUPANTS. CUSTOM PERFORMANCE CONTROLS TO BE LOCATED BEHIND THE SENSOR LENS FOR FIELD MODIFICATION OF SENSOR DESIGN. UNIT TO BE MOUNTED TO RECESSED JUNCTION BOX.

H.2.1. WATT STOPPER #DT-355, 800W @ 120V (1200W @ 277V)

I. MANUAL DIMMERS:

I.1. PROVIDE AND INSTALL AC DIMMER CONTROLS FOR LIGHTING FIXTURES; WATTAGE AS INDICATED BELOW, 120 VOLT, 60 HERTZ, WITH PRESET SLIDE CONTROLS AND PUSHBUTTON FOR ON/OFF CONTROLS, SINGLE-POLE:-

- I.1.1. D1 = 1000 WATTS, LEVITON #P110-1LX (120/277V INCANDESCENT)
I.1.2. D1 = 1200/1500 VA, LEVITON #P710-LFZ (120/277V LED)
I.1.3. LD2 = 400 VA, LEVITON #IPED4-1LX (ELECTRONIC LOW VOLTAGE)
I.1.4. LD3 = 1000 VA, LEVITON #PM10-1LX (MAGNETIC LOW VOLTAGE)
I.1.5. FD1 = 1200/1500 VA, LEVITON #P710-DLX (120/277V FLUORESCENT 0-10V)
I.1.6. FD2 = 1000 VA, LEVITON #PX10-10 (120V FLUORESCENT LINE VOLTAGE)
I.1.7. FD3 = 1200 VA, LEVITON #PX12-70 (277V FLUORESCENT LINE VOLTAGE)

4. INSTALLATION OF WIRING DEVICES AND ACCESSORIES:

A. GROUPS OF SWITCHES OR SWITCH AND OUTLET COMBINATIONS SHALL BE MOUNTED UNDER ONE COVER PLATE. COVER PLATES SHALL FIT THE DEVICES SECURELY AND SHALL COVER THE WALL OPENING COMPLETELY TO PROVIDE A NEAT AND FINISHED APPEARANCE FLUSH WITH SURROUNDING SURFACES.

B. TERMINALS ON ALL WIRING DEVICES SHALL NOT BE USED TO FEED-THROUGH TO THE NEXT DEVICES.

C. INSTALL WALL-MOUNTED RECEPTACLES WITH GROUND SLOT UP.

D. RECEPTACLE MOUNTED ABOVE COUNTER-TOP TO BE INSTALLED HORIZONTAL, WITH LONG DIMENSION PARALLEL TO FLOOR AND COUNTER-TOP.

SECTION 16180 - FUSES

1. MANUFACTURER: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS OF ONE OF THE FOLLOWING (FOR EACH TYPE AND RATING OF OVERCURRENT PROTECTIVE DEVICE):

- A. BUSSMANN DV; MCGRAW\_EDISON CO.
B. FERRAZ SHAWMUT, INC.
C. LITTELFUSE, INC.

2. EXCEPT AS OTHERWISE INDICATED, PROVIDE FUSES OF TYPES, SIZES, RATINGS, AND AVERAGE TIME/CURRENT AND PEAK LET-THROUGH CURRENT CHARACTERISTICS INDICATED, WHICH COMPLY WITH MANUFACTURER'S STANDARD DESIGN, MATERIALS, AND CONSTRUCTION IN ACCORDANCE WITH PUBLISHED PRODUCT INFORMATION, AND WITH INDUSTRY STANDARDS AND CONFIGURATIONS. ALL FUSES TO BE FOR USE WITH FUSE REJECTION CLIPS.

3. ALL FUSES FOR THIS PROJECT SHALL BE OF THE SAME MANUFACTURER TO INSURE SELECTIVE COORDINATION.

4. EXCEPT WHERE NOTED OTHERWISE, THREE (3) SPARE FUSES OF EACH SIZE INSTALLED SHALL BE PROVIDED TO THE OWNER.

5. INSTALL FUSES WITH MANUFACTURER'S NAMETAG FACING OUTWARD.

6. SERVICE ENTRANCE AND FEEDER CIRCUITS 601 AMPERES AND LARGER, FUSES SHALL BE BOLT-ON U.L. LISTED CLASS L, CURRENT-LIMITING WITH 200,000 AMPERES R.M.S. SYMMETRICAL INTERRUPTING RATING.

7. FEEDER CIRCUITS, EXCEPT MOTOR CIRCUITS, 600 AMPERES AND SMALLER SHALL BE PLUG-IN CARTRIDGE U.L. CLASS RK-1, CURRENT-LIMITING WITH 200,000 AMPERES R.M.S. SYMMETRICAL INTERRUPTING RATING.

8. MOTOR, TRANSFORMERS, AND INDUCTIVE TYPE CIRCUITS 600 AMPERES AND SMALLER SHALL BE PLUG-IN CARTRIDGE U.L. CLASS RK-5 DUAL-ELEMENT WITH TIME DELAY. THEY SHALL ALSO HAVE CURRENT-LIMITING LINKS AND 200,000 AMPERES INTERRUPTING RATING. FUSE REDUCERS SHALL BE USED WHERE SWITCH FUSE CLIPS ARE SPACED LARGER THAN FUSE SIZE SHOWN ON DRAWING.

9. PLUG FUSES FOR INDIVIDUAL MOTOR PROTECTION SHALL BE BUSSMANN FUSTAT, DUAL-ELEMENT, 10,000 AMPERES R.M.S. SYMMETRICAL INTERRUPTING RATING, TYPE "S" WITH FUSTAT ADAPTER SIZED FOR PLUG-FUSE INSTALLED. SIZE OF FUSE TO BE ACCORDING TO SPECIFICATIONS FOR "DISCONNECT SWITCHES".

SECTION 16190 - SUPPORTING DEVICES

1. THIS SECTION INCLUDES SECURE SUPPORT FROM THE BUILDING STRUCTURE FOR ELECTRICAL ITEMS BY MEANS OF HANGERS, SUPPORTS, ANCHORS, SLEEVES, INSERTS, SEALS, AND ASSOCIATED FASTENINGS.

2. COATING: SUPPORTS, SUPPORT HARDWARE, AND FASTENERS SHALL BE PROTECTED WITH ZINC COATING OR WITH TREATMENT OF EQUIVALENT CORROSION RESISTANCE USING APPROVED ALTERNATIVE TREATMENT, FINISH, OR INHERENT MATERIAL CHARACTERISTIC. PRODUCTS FOR USE OUTDOORS SHALL BE HOT-DIP GALVANIZED.

3. INSTALL SUPPORTING DEVICES TO FASTEN ELECTRICAL COMPONENTS SECURELY AND PERMANENTLY IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

4. SUPPORT INDIVIDUAL HORIZONTAL RACEWAYS BY SEPARATE PIPE HANGERS. SPRING STEEL FASTENERS MAY BE USED IN LIEU OF HANGERS ONLY FOR 3/4-INCH AND SMALLER RACEWAYS SERVING LIGHTING AND RECEPTACLE BRANCH CIRCUITS ABOVE SUSPENDED CEILINGS ONLY. FOR HANGER RODS WITH SPRING STEEL FASTENERS, USE 1/4-INCH DIAMETER OR LARGER THREADED STEEL. USE SPRING STEEL FASTENERS THAT ARE SPECIFICALLY DESIGNED FOR SUPPORTING SINGLE CONDUITS OR TUBING. CONDUITS ABOVE LAY-IN CEILING SYSTEM SHALL NOT BE SUPPORTED FROM CEILING SUSPENSION WIRES.

5. INSTALL INDIVIDUAL AND MULTIPLE (TRAPEZE) RACEWAY HANGERS AND RISER CLAMPS AS NECESSARY TO SUPPORT RACEWAYS. PROVIDE U-BOLTS, CLAMPS, ATTACHMENTS AND OTHER HARDWARE NECESSARY FOR HANGER ASSEMBLY AND FOR SECURING HANGER RODS AND CONDUITS.

6. SUPPORT PARALLEL RUNS OF HORIZONTAL RACEWAYS TOGETHER ON TRAPEZE-TYPE HANGERS

7. DO NOT CUT HOLES IN REINFORCED CONCRETE BEAMS OR CUT REINFORCING BARS IN CONCRETE WITH OUT WRITTEN APPROVAL OF STRUCTURAL ENGINEER.

8. UNLESS OTHERWISE INDICATED, FASTEN ELECTRICAL ITEMS AND THEIR SUPPORTING HARDWARE SECURELY TO THE BUILDING STRUCTURE, INCLUDING BUT NOT LIMITED TO CONDUITS, RACEWAYS, CABLES, CABLE TRAYS, BUSWAYS, CABINETS, PANELBOARDS, TRANSFORMERS, BOXES, DISCONNECT SWITCHES, AND CONTROL COMPONENTS.

SECTION 16410 - DISCONNECTS, CONTACTORS

1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:

- A. GENERAL ELECTRIC CO.
B. SQUARE D COMPANY
C. EATON CORPORATION
D. SIEMENS, I.T.E.
E. ALLEN-BRADLEY CO.
F. FURNAS CO.

2. TEMPERATURE RATINGS: ALL CONDUCTOR TERMINALS AND EQUIPMENT ENCLOSURES TO BE U.L. LISTED FOR USE WITH MINIMUM 75C RATED CONDUCTORS.

3. DISCONNECT SWITCHES:

A. PROVIDE CIRCUIT AND MOTOR DISCONNECT SWITCHES OF TYPES, SIZES AND ELECTRICAL CHARACTERISTICS INDICATED ON DRAWING; FUSIBLE OR NON-FUSED TYPE, RATED 250 OR 600 VOLTS, 60 HZ, 2- OR 3-POLES, SOLID NEUTRAL; AND INCORPORATING QUICK-MAKE, QUICK-BREAK TYPE SWITCHES; CONSTRUCT SO THAT SWITCH BLADES ARE VISIBLE IN OFF POSITION WITH DOOR OPEN. SWITCH SHALL HAVE A DUAL COVER INTERLOCK TO PREVENT UNAUTHORIZED OPENING OF THE SWITCH DOOR WHEN HANDLE IS IN THE "ON" POSITION, AND TO PREVENT CLOSING OF THE SWITCH MECHANISM WITH THE DOOR OPEN. EQUIP WITH OPERATING HANDLE WHICH IS INTEGRAL PART OF ENCLOSURE BASE AND WHOSE POSITION IS EASILY RECOGNIZABLE AND IS PADLOCKABLE IN OFF POSITION; CONSTRUCT CURRENT CARRYING PARTS OF HIGH-CONDUCTIVITY COPPER, WITH SILVER-TUNGSTEN TYPE SWITCH CONTACTS, AND POSITIVE PRESSURE TYPE REINFORCED FUSE CLIPS. PROVIDE SWITCH IN NEMA 1 OR NEMA TYPE 3R ENCLOSURE AS INDICATED OR REQUIRED. INSTALL ENGRAVED PLASTIC PLATE AS TO WHAT EACH SWITCH CONTROLS.

B. EQUIPMENT REQUIRING A DISCONNECTING MEANS, RATED FOR 120 OR 208 VOLT SINGLE PHASE UP TO 30 AMPERES MAY BE PROVIDED WITH A SNAP-SWITCH TYPE TOGGLE DEVICE AT THE EQUIPMENT. THE DEVICE IS TO HAVE AN AMPERE AND VOLTAGE RATING EQUAL TO OR GREATER THAN THE BRANCH CIRCUIT FEEDING THE EQUIPMENT. IF EQUIPMENT IS MOTOR RELATED, THEN THE SWITCH MUST BE HORSEPOWER RATED. REFER TO SECTION 16140 FOR MINIMUM SPECIFICATIONS FOR TOGGLE SWITCHES. SWITCHES LOCATED OUTDOORS OR IN COOLER/FREEZER APPLICATIONS ARE TO BE MOUNTED IN A DIE-CAST ALUMINUM DEVICE BOX WITH GASKETED WEATHERPROOF COVER PLATE.

4. RELAYS AND CONTACTORS:

A. GENERAL POWER PURPOSE RELAYS, FOR CONTROL OF MISCELLANEOUS MOTORS, TO BE PROVIDED AND INSTALLED WITH NUMBER OF POLES AND COIL VOLTAGE AS SHOWN ON DRAWINGS. RELAY TO BE HORSEPOWER RATED FOR THE MOTOR LOAD TO WHICH IT CONTROLS. RELAY TO BE MOUNTED IN A NEMA TYPE 1 ENCLOSURE.

B. LIGHTING CONTACTORS TO BE PROVIDED AND INSTALLED WITH THE NUMBER OF POLES, COIL VOLTAGE, AND LOAD CONTACT RATINGS AS SHOWN ON DRAWINGS. CONTACTORS TO BE PROVIDED WITH SILVER ALLOY CONTACT BREAK CONTACTS RATED FOR TUNGSTEN AND BALLAST LIGHTING LOADS. CONTACTS TO BE CONVERTIBLE WITH NORMALLY OPEN AND NORMALLY CLOSED INDICATORS. RELAY TO BE MOUNTED IN A NEMA TYPE 1 ENCLOSURE.

6. INSTALLATION OF DISCONNECTS AND STARTERS:

A. SURFACE MOUNT ON WALLS OR COLUMNS APPROXIMATELY 5'-0" TO CENTERLINE ABOVE THE FLOOR WHERE POSSIBLE.

B. DISCONNECT SWITCHES MOUNTED ON ROOFTOP AIR CONDITIONING UNITS TO BE CALKED BETWEEN SWITCH AND UNIT TO PROVIDE WEATHERPROOF SEAL. ELECTRICAL CONTRACTOR TO VERIFY EXACT MOUNTING LOCATION ON UNIT SO AS NOT TO COVER UP ANY REMOVABLE PANELS.

C. WHEN RELAYS OR CONTACTORS ARE INDICATED TO BE LOCATED ABOVE THE CEILING, THE EQUIPMENT IS TO BE READILY ACCESSIBLE AND SOUND INSULATED FROM THE MOUNTING SUPPORTS.

SECTION 16470 - PANELBOARDS

1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PANELBOARD PRODUCTS OF ONE OF THE FOLLOWING (FOR EACH TYPE AND RATING OF PANELBOARD AND ENCLOSURE):

- A. GENERAL ELECTRIC COMPANY
B. SQUARE D COMPANY
C. EATON CORPORATION
D. SIEMENS, I.T.E.

2. POWER DISTRIBUTION PANELS: PROVIDE DEAD-FRONT SAFETY-TYPE DISTRIBUTION PANELBOARDS RATED 208/120, 3-PHASE, 4-WIRE. SHORT CIRCUIT RATING OF PANEL AND DEVICES TO BE 22,000 RMS MINIMUM UNLESS NOTED OTHERWISE ON THE DRAWINGS. PANELBOARDS SWITCHING AND PROTECTIVE DEVICES IN SOLDERLESS PRESSURE-TYPE LINE SIDE CONNECTORS APPROVED FOR COPPER CONDUCTORS.

3. 120/208 VOLT LIGHTING AND APPLIANCE PANELBOARDS: PROVIDE DEAD-FRONT SAFETY TYPE LIGHTING AND APPLIANCE PANELBOARDS AS INDICATED, WITH SWITCHING AND PROTECTIVE DEVICES IN QUANTITIES, RATINGS, TYPES AND ARRANGEMENTS SHOWN, WITH ANTI-TURN SOLDERLESS PRESSURE TYPE LUG CONNECTORS.

APPROVED FOR USE WITH COPPER CONDUCTORS; CONSTRUCT UNIT FOR CONNECTING FEEDERS TO PANEL; EQUIP WITH COPPER, COPPER PLATED OR ALUMINUM BUS BARS, FULL-SIZED NEUTRAL BAR, WITH BOLT-IN TYPE HEAVY-DUTY, QUICK-MAKE, QUICK-BREAK, SINGLE-POLE CIRCUIT-BREAKERS, WITH TOGGLE HANDLES THAT INDICATE WHEN TRIPPED. PROVIDE SUITABLE LUGS ON NEUTRAL BUS FOR EACH OUTGOING FEEDER REQUIRED; AND PROVIDE BARE UNINSULATED GROUNDING BARS SUITABLE FOR BOLTING TO ENCLOSURES. SELECT ENCLOSURES FABRICATED BY SAME MANUFACTURER AS PANELBOARDS, WHICH MATE AND MATCH PROPERLY WITH PANELBOARDS. MINIMUM INTERRUPTING CAPACITY OF MANUFACTURED PANELBOARDS TO BE 10,000 A.I.C. UNLESS NOTED OTHERWISE ON THE DRAWINGS.

4. MOLDED-CASE CIRCUIT BREAKERS: PROVIDE FACTORY ASSEMBLED, MOLDED CASE CIRCUIT BREAKERS OF FRAME SIZE INDICATED. PROVIDE BREAKERS WITH PERMANENT THERMAL AND INSTANTANEOUS MAGNETIC TRIPS IN EACH POLE AND AMPERE RATING AS INDICATED. CONSTRUCT WITH OVER CENTER, TRIP-FREE, TOGGLE TYPE OPERATING MECHANISMS WITH QUICK-MAKE, QUICK-BREAK ACTION AND POSITIVE HANDLE INDICATION. CONSTRUCT BREAKERS FOR MOUNTING AND OPERATING IN ANY PHYSICAL POSITION AND OPERATING IN AN AMBIENT TEMPERATURE OF 40C. PROVIDE BREAKERS WITH MECHANICAL SCREW TYPE REMOVABLE CONNECTOR LUGS, AL/CU RATED. ALL BREAKERS TO BE BOLT-IN TYPE CONSTRUCTION. ALL BREAKERS TO BE UL489 LISTED.

A. ALL SINGLE POLE BREAKERS TO BE RATED FOR "SWITCHING DUTY" (SWD) AND FOR OPERATION ON FLUORESCENT LIGHTING SOURCES.

B. ALL CIRCUIT BREAKERS PROTECTING HIGH INTENSITY DISCHARGE (HID) LIGHTING TO BE RATED AND LABELED 'HID' FOR OPERATION ON H.I.D. LIGHTING SOURCES

C. CIRCUIT BREAKERS USED ON HEATING, AIR CONDITIONING, OR REFRIGERATION EQUIPMENT SHALL BE TYPE "HACR" AND U.L. LISTED FOR SUCH USE.

5. PANELBOARD MANUFACTURER TO PROVIDE A COMPLETE "ARC FLASH STUDY", ALL SUBMITTALS WILL BE REJECTED UNLESS THIS STUDY IS PROVIDED AT THE TIME OF SHOP DRAWING REVIEW.

Table with 3 columns: No., Date, Description. Includes sections for REVISIONS and DRAWINGS REVISED AS PER DESIGN BULLETIN.

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS 'ISSUED FOR CONSTRUCTION'.



Company Logo for WARMAN ARCHITECTURE + DESIGN, 1735 SWIFT AVE., NORTH KANSAS CITY, MISSOURI 64116. V. 816.474.2233 F. 816.474.1051



POPEYES logo and address: 440 NW Chipman Road, Lee's Summit, MO 64063

Table with 2 columns: Drawn, Checked, Scale, Date, Project No., Drawing No. Includes CASE Engineering Inc. logo and contact information.

POPEYES LOUISIANA KITCHEN MODEL 2124 - 10930 PARALLEL PARKWAY KANSAS CITY, KS 64124 PROTOTYPE DOCUMENTS (OCT 27, 2021) STORE NO. XXXXX









**ELECTRICAL KEYNOTES**

- 1 (2) 2" CONDUITS FROM TELEPHONE BOARD TO A LOCATION COORDINATED WITH LOCAL TELEPHONE COMPANY. OWNER REQUIRED SERVICE CONDUITS SHALL BE SIZED FOR 25 PAIR (MINIMUM). TELEPHONE SERVICE CONDUITS SHALL BE INSTALLED WITH PULL WIRE. CONDUITS RISE FROM U.G. INSIDE EXTERIOR WALL, TURN 90 DEGREES, AND TERMINATE IN BUILDING. SEE ARCHITECTURAL ELEVATIONS.
- 2 FRONT COUNTER REGISTER DATA OUTLETS MOUNTED ON INSIDE OF MILLWORK. PROVIDE 1" CONDUIT WITH PULL STRING FOR POS DATA BOXES.
- 3 PROVIDE JUNCTION BOX WITH 1" CONDUIT WITH PULL STRING THROUGH CURB TO 2" BELOW PAVEMENT LINE FOR CAR SENSOR DETECTOR LOOP. COORDINATE WITH CIVIL PLANS AND COORDINATE INSTALLATION IN FIELD WITH SUPPLIER.
- 4 PROVIDE 3/4" X 18" X 24" W PLYWOOD TELEPHONE BOARD PAINTED WITH 2 COATS OF "LISTED" FIRE RETARDANT LIGHT GRAY COLOR PAINT.
- 5 DATA FOR STICKY PRINTERS AND THE KDS TO BE PROVIDED FROM THE OVERHEAD FLUSH MOUNTED CEILING GEP BOX. COORDINATE SPEC/DESIGN OF THE GEP WITH FRANKIE.

ISSUE TABLE

No.	Date (mm/dd/yy)	Description

REVISIONS

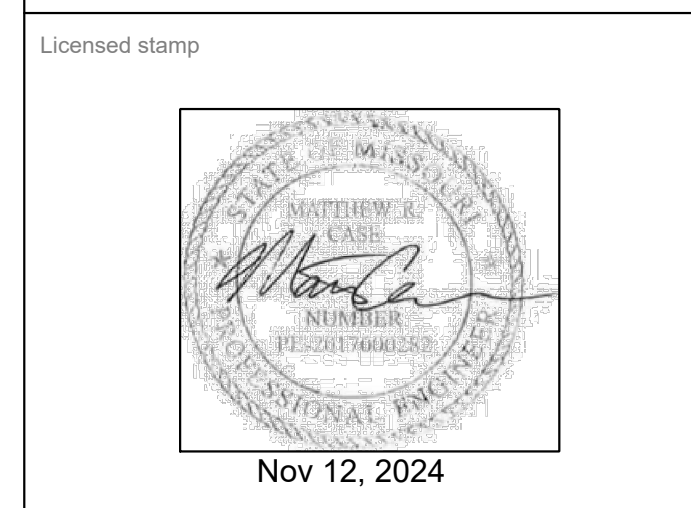
No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION".



Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051



Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road**  
**Lee's Summit, MO 64063**

Drawing Title  
**ELECTRICAL POS PLAN**

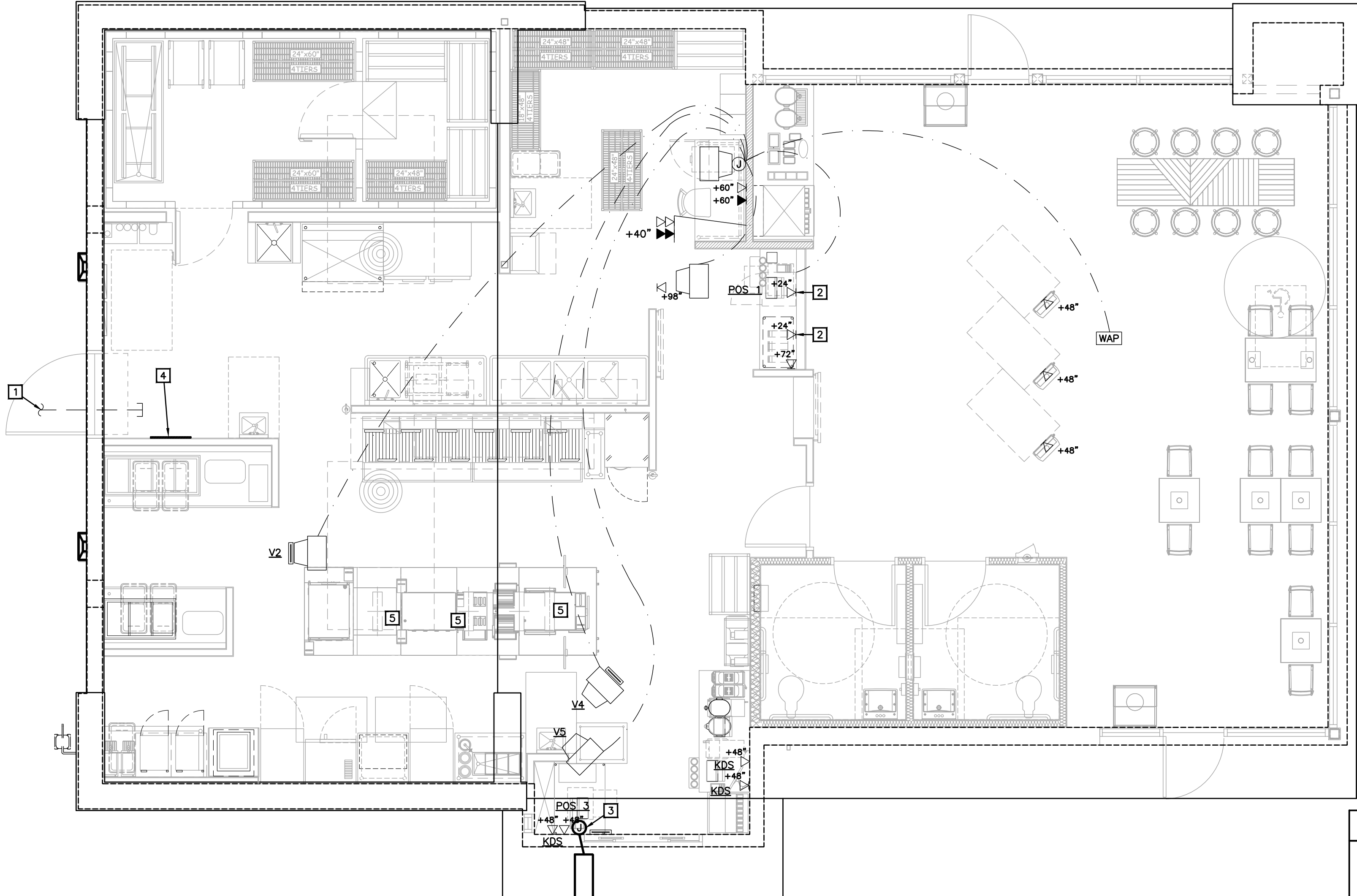
Drawn XXX	Checked XXX
Scale	Date Nov 12, 2024
Project No. 6091-24	Drawing No. E1.4

- REGISTER CONNECTION NOTES**
- A. CABLES SHALL BE CAT6.
  - B. BUMP BARS SHALL BE MOUNTED TO DELIVER SYSTEM AT AREAS MARKED "BB".
  - C. BUMP BAR CABLES SHALL BE RUN THROUGH DELIVERY SYSTEM FROM MOUNT UP THROUGH WALLS TO ABOVE THE CEILING AND BACK TO THE MANAGER STATION.
  - D. CRT MONITORS SHALL BE MOUNTED ON CEILING BRACKETS PROVIDED BY REGISTER SYSTEM.
  - E. WHERE CABLING IS INSTALLED IN WALLS, IT SHALL BE ROUTED IN 1" CONDUIT THROUGH THE WALL TO ABOVE ACCESSIBLE CEILING.

**POPEYES RADIO SYSTEM**  
PROVIDED BY OWNER

DESCRIPTION	MAKE	MODEL	QUANTITY
RECESSED SPEAKERS*(DINING)	BOSE	MODEL #16, BLACK	4
RECESSED SPEAKERS*(KITCHEN)	MUZAK	MBS 8-ST3, BLACK	2
OUTDOOR BOX SPEAKERS*	OWI	701	4
AMPLIFIER	PASO	MU 3130 BGM	1
SPEAKER SUPPORT	QUAM	SSB-2	2
SPEAKER BACKCAN	QUAM	ERD-8	2
CABLE CONNECTORS, HARDWARE AND SHELF	VARIOUS	VARIOUS	1
AREA VOLUME CONTROL	QUAM	QC-10	3
RECEIVER	ECOHO STAR	3000	1
DISH	CH MASTER	1.0 ANTENNA	1

\* NUMBER OF SPEAKERS MAY VARY DUE TO DESIGN CONSIDERATIONS  
\*\* LABOR INCLUDES INSTALLATION OF 150' OF 12 GAUGE SPEAKER WIRE.  
SEE THE NATIONAL ACCOUNT VENDOR LIST FOR EQUIPMENT SUPPLIER.



**POS LEGEND**

	BUMP BAR WIRING
	VIDEO MONITOR AND POS WIRING
	SECURITY WIRING (CAT6)
	BB - BUMP BARS
	V1 = VIDEO 1
	V2 = VIDEO 2
	V3 = VIDEO 3
	V4 = VIDEO 4
	V5 = VIDEO 5
	POS - POINT OF SALE TERMINAL
	MONITOR

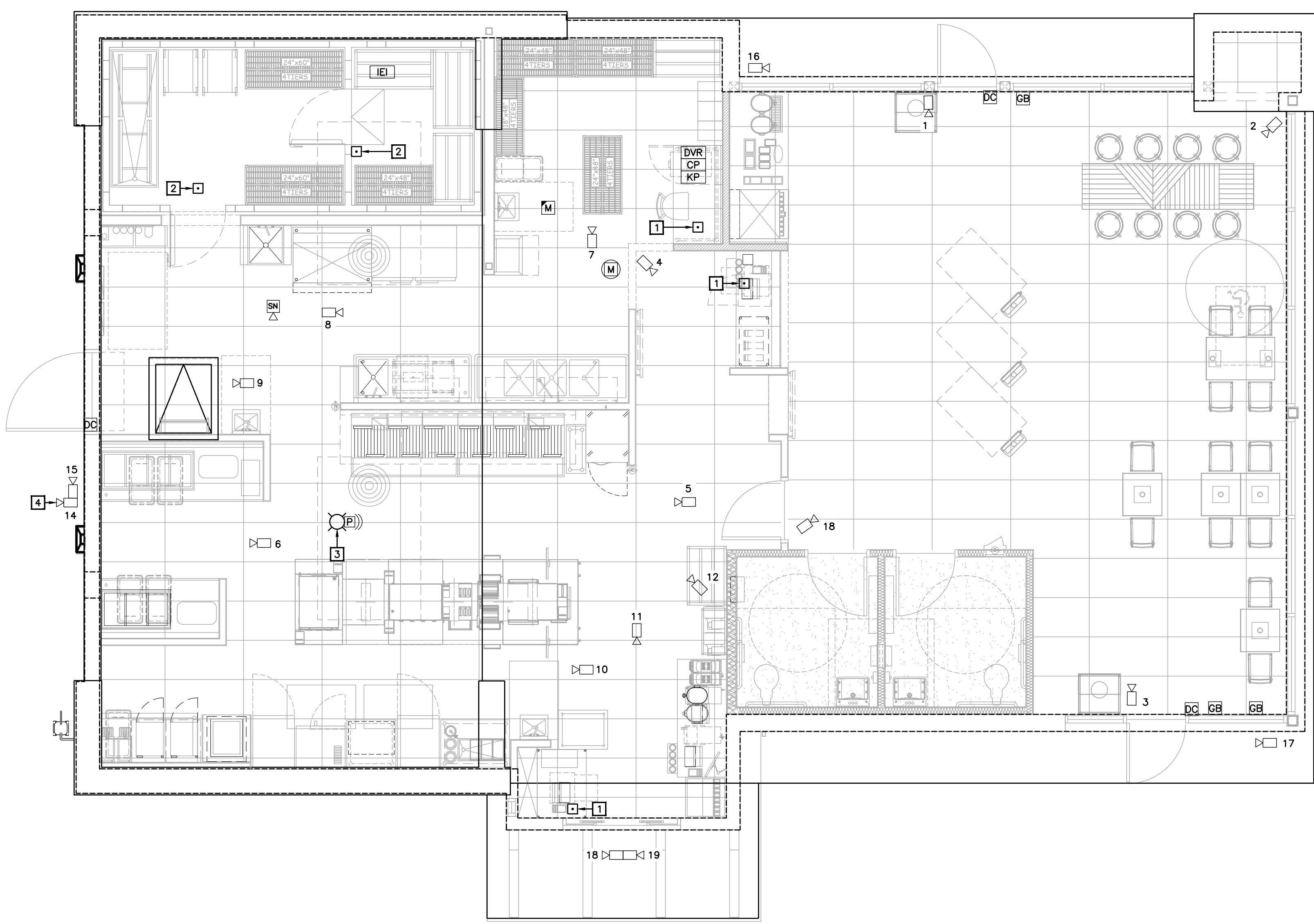
**SYMBOLS LEGEND NOTES:**  
MOUNTING HEIGHTS INDICATED ARE MEASURED FROM FINISHED FLOOR TO THE CENTERLINE OF THE DEVICE UNLESS NOTED OTHERWISE.

**NOTES TO ARCHITECT:**  
• ENGINEER NEEDS LOCATIONS FOR ALL SPEAKERS

**CASE**  
Engineering Inc.

796 Merus Court  
St. Louis, MO 63026  
T 636.349.1600  
F 636.349.1730  
CERTIFICATE OF AUTHORITY NO. 001498





**01 SECURITY PLAN**  
1/4"=1'-0"

**NOTES TO ARCHITECT:**

- VERIFY CAMERA LOCATIONS
- ENGINEER ASSUMED LOCATIONS OF CAMERAS BASED ON PREVIOUS PROTOTYPE DRAWINGS.
- MISSING MOTION SENSORS, KEY PADS, AND HOLD-UP PANIC/ROBBERY BUTTONS.
- ENGINEER ASSUMED LOCATIONS FOR THESE ITEMS BASED ON PREVIOUS PROTOTYPE DRAWINGS.

- ELECTRICAL KEYNOTES**
- 1 PROVIDE PANIC BUTTON INSTALLED ON UNDERSIDE OF COUNTER/ DESK.
  - 2 PROVIDE WEATHERPROOF/ COLD-PROOF HOLD-UP PANIC BUTTON INSIDE WALK-IN COOLER/ FREEZER. COORDINATE EXACT INSTALLATION AND LOCATION WITH POPEYES CONSTRUCTION MANAGER.
  - 3 STROBE LIGHT -AS SL-401B-BLUE STROBE LIGHT MOUNTED IN KITCHEN. LIGHT WILL FLASH CONTINUOUSLY WHILE BACK DOOR IS OPEN.
  - 4 MOUNT CAMERA ON BUILDING CORNER AND ORIENT TO FACE DRIVE-THRU MENU BOARD.

- POPEYES MATERIAL LIST**
- CAMERAS**
- A. CAMERA ACCESSORIES AND DETAILS:  
 A.A. 6 OR 7 LOCATIONS ( LOCATIONS W/OUTDOOR CAMERAS )  
 A.B. 2 OR 3 GT1100-GROUND ISOLATION TRANSFORMERS  
 A.C. LTC 0430/20-38 SERIES CAMERA W/ 3.5-8MM VARIFOCAL AUTOIRIS LENS  
 A.D. TC 9340A SERIES OUTDOOR HOUSING  
 A.E. TC9211PM POLE MOUNT ADAPTER  
 A.F. NC CONNECTORS FOR PLENUM CABLE  
 A.G. LEX CONDUIT FOR OUTDOOR CAMERAS RUN INSIDE POLE FOR CABLEING  
 B. INDOOR CEILING MOUNT IN TINTED DOME:  
 B.A. FASTEN SCREW IN CEILING FOR DOMES SO NOT EASILY DROPPED OUT OF TILE  
 B.B. LTC 0430/20-38 SERIES CAMERA W/ 3.5MM-8MM VARIFOCAL AUTOIRIS LENS  
 B.C. TC 9345MT7 INDOOR TINTED DOME  
 B.D. BNC CONNECTORS FOR PLENUM CABLE
- OFFICE AREA**
- C. AC-BURGLAR ALARM CONTROL: VISTA 20SEUL  
 D. VCR LOCK BOX : TC3922 SERIES  
 E. VCR: LTC 3924 SERIES PLACE ON SECURITY LOCK FOR NO TAMPER  
 F. MONITOR: LTC 2813/60 SERIES  
 G. ALTY248: 8 POSITION POWER SUPPLY  
 H. QUICK REFERENCE SHEETS  
 I. ALARM INSTRUCTION SHEET TO BE MOUNTED ON WALL IN EMPLOYEE ONLY AREA CLOSEST TO KEYPAD OR IN OFFICE AREA PER CUSTOMER INSTRUCTION  
 J. VCR INSTRUCTION SHEETS (2) 1-RECORD & 1-RECORD-TO BE MOUNTED ON WALL CLOSEST TO VCR  
 K. 2-HUB: HOLD UP BUTTON 441494 SERIES LATCHING HUB
- FOR LOCATIONS WITH 6 OR MORE CAMERAS: ADD MULTIPLEXER LTC 2641/60. PLACE ON NO-TAMPER SECURITY LOCK.
- FOR LOCATIONS WITH 4 CAMERAS OR LESS: ADD VIDQUAD 4 CHANNEL LTC 2272/60
- STOVE/ PREP AREA**
- L. STROBE LIGHT-AS SL-401B-BLUE STROBE MOUNT BEHIND MENU BOARD.  
 L.A. STROBE LIGHT WILL FLASH CONTINUOUSLY WHILE BACK DOOR IS OPEN  
 M. SOUNDER-AS-PAL328N-LOW TONE SOUNDER MOUNT WITH STROBE BEHIND MENU BOARD.  
 M.A. SOUNDER WILL SOUND WHEN BACK DOOR IS OPENED.  
 M.B. MANAGER WILL SILENCE ST SOUNDER AT KEYPAD AFTER 1ST TONE  
 N. MOTION DETECTOR-AP 669 PIR-360 MOTION MOUNT IN STOVE AREA.  
 N.A. MOTION DETECTOR RADIUS TO INCLUDE DRIVE-UP WINDOW AREA AND GENERAL REAR AREA.
- LOBBY/ PERIMETER AREA/ BACK OF HOUSE**
- O. KEYPAD  
 O.A. MOUNT 40" AFF WALL ENTERING KITCHEN AREA FROM LOBBY  
 P. FG 1025 GLASS BREAK  
 P.A. GLASS BREAK FOR LOBBY GLAZING. PROVIDE ONE ON EACH SIDE OF BUILDING. COORDINATE EXACT DEVICE LOCATION AND INSTALLATION.  
 Q. B4039 DOOR CONTACT  
 Q.A. PROVIDE FOR ALL EXTERIOR DOORS. BACK DOOR CONTACT TO ACT AS ALARM POINT FOR REAR "OPEN DOOR" ALARM. SOUNDER AND BLUE STROBE TO ACTIVATE WHEN BACK DOOR IS OPEN  
 R. 3050CT SERIES HOLD-UP PANIC BUTTON  
 R.A. LATCHING HUB IN COOLER/FREEZER. MOUNT 18" AFF ON HINGE SIDE OF DOOR SUB UP IN CONDUIT  
 S. POINT OF CONNECTION TO NKL SAFE  
 S.A. DIGITAL PROVIDED BY NKL SAFE  
 T. RELAYS FOR BACK DOOR/POC/ZONE EXPANSION  
 U. TELCO JACK  
 V. WATTS LINE

REFERENCE ONLY

**SECURITY SYMBOL LEGEND**

DEVICE	SYMBOL	QTY.	DEVICE	SYMBOL	QTY.
DOOR CONTACT	DC	5	DOME CAMERA (PROVIDE EXTERIOR RATINGS WHERE REQUIRED)	☐	21
CARD READER	CR	1	ELECTRIC STRIKE	(ES)	1
HORN/ SOUNDER	SN	1	14 INCH MONITOR	M	1
CONTROL PANEL	CP	1	DIGITAL VIDEO RECORDER	DVR	1
SECURITY KEYPAD	KP	2	IEI KEYPAD	IEI	1
MOTION DETECTOR (CEILING MOUNT)	M	1	STROBE LIGHT	☉	1
GLASS BREAK	GB	4	PIEZO	(P)	1
HOLD-UP PANIC BUTTON	PB	6			

**SECURITY ACCEPTANCE FORM NOTE**

CONTRACTOR TO FILL OUT "SECURITY INSTALLATION ACCEPTANCE FORM/CHECKLIST" ON SHEET E1.0 TO FINALIZE INSTALLATION OF SECURITY SYSTEM.

**CASE Engineering Inc.**

796 Merus Court  
St. Louis, MO 63026  
T 636.349.1600  
F 636.349.1730  
CERTIFICATE OF AUTHORITY NO. 001498

**ISSUE TABLE**

No.	Date (mm/dd/yy)	Description

**REVISIONS**

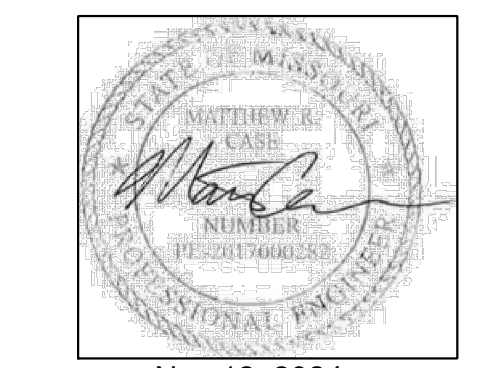
No.	Date	Description

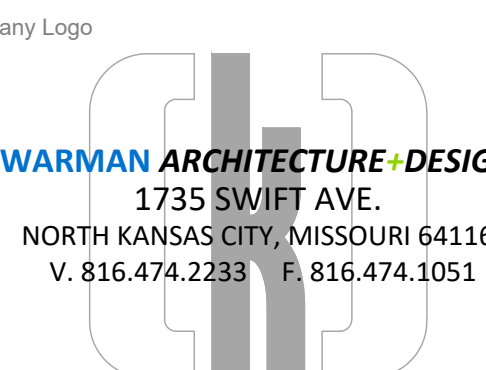
**DRAWINGS REVISED AS PER DESIGN BULLETIN**


No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION"

Licensed stamp  
  
 Nov 12, 2024

Company Logo  
  
**WARMAN ARCHITECTURE+DESIGN**  
 1735 SWIFT AVE.  
 NORTH KANSAS CITY, MISSOURI 64116  
 V. 816.474.2233 F. 816.474.1051

Project  
  
**POPEYES**

Store Type  
**REMODEL**  
 (BASED ON US 2124 PROTOTYPE)

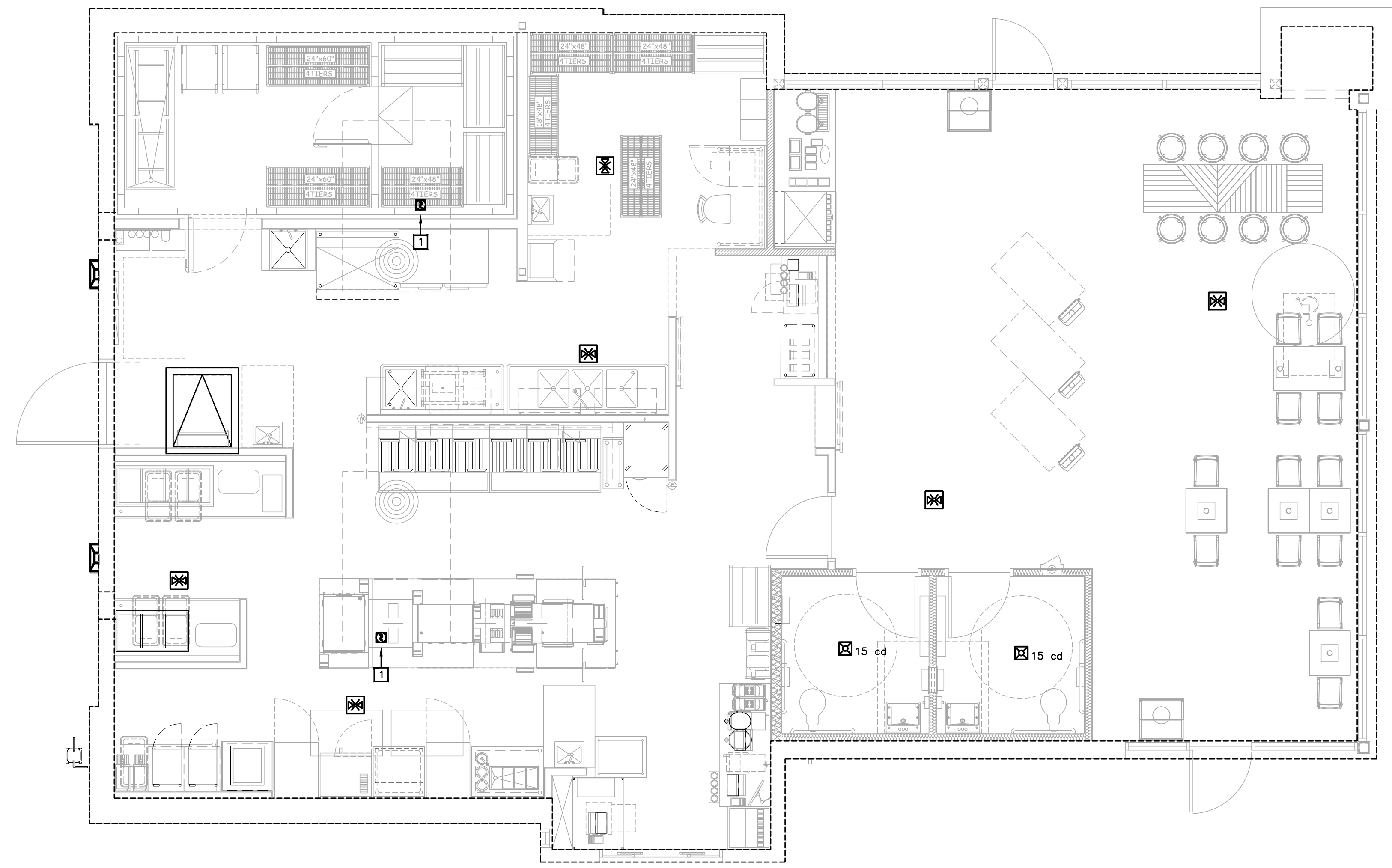
Location  
 440 NW Chipman Road  
 Lee's Summit, MO 64063

Drawing Title  
**ELECTRICAL SECURITY PLAN**

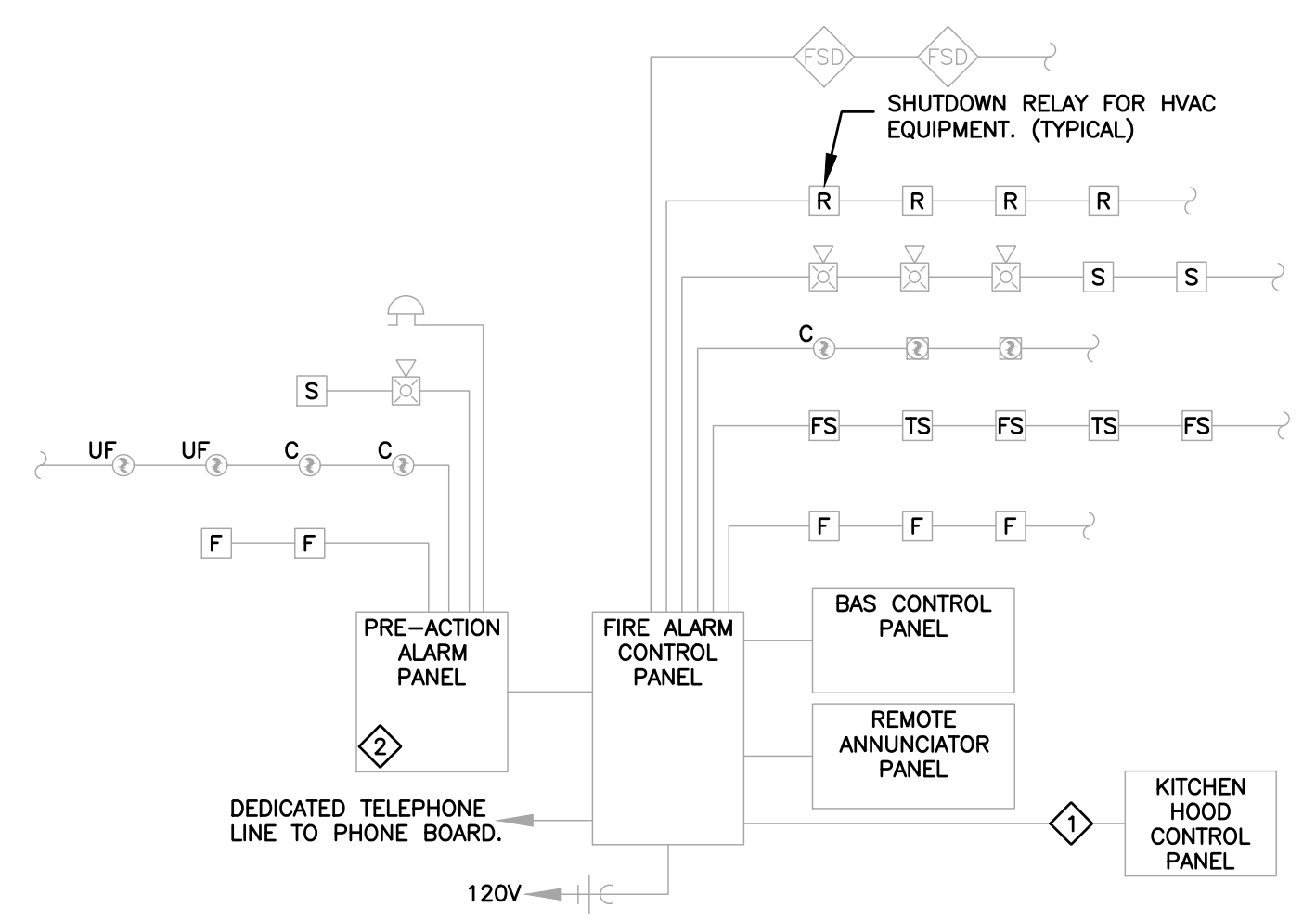
Drawn XXX	Checked XXX
Scale	Date Nov 12, 2024
Project No. 6091-24	Drawing No. E1.5

POPEYES LOUISIANA KITCHEN MODEL 2124 - 10930 PARALLEL PARKWAY KANSAS CITY, KS 2124 PROTOTYPE DOCUMENTS (OCT 27, 2021) STORE NO. XXXXX

ELECTRICAL KEYNOTES	
1	PROVIDE 120V WIRING TO DUCT MOUNTED SMOKE DETECTORS AND REMOTE TEST INDICATORS.



**01 FIRE ALARM PLAN**  
1/4"=1'-0"



- 1 ELECTRICAL CONTRACTOR SHALL PROVIDE RELAY CONNECTION BETWEEN KITCHEN EXHAUST HOODS AND FIRE ALARM SYSTEM.
  - 2 DATA ROOM SHALL BE MONITORED AND SIGNALLED INDEPENDENTLY.
- FIRE ALARM CONTRACTOR SHALL VERIFY EXACT NUMBER OF CIRCUITS REQUIRED FOR ALL DEVICES, INCLUDING VOLTAGE DROPS AND BATTERY CALCULATIONS.

**02 FIRE ALARM RISER DIAGRAM**  
NOT TO SCALE

ISSUE TABLE		
No.	Date (mm/dd/yy)	Description

REVISIONS		
No.	Date	Description

DRAWINGS REVISED AS PER DESIGN BULLETIN		
No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS 'ISSUED FOR CONSTRUCTION'.

Licensed stamp

Nov 12, 2024

Company Logo

**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051

Project

**POPEYES**

Store Type: **REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location: **440 NW Chipman Road  
Lee's Summit, MO 64063**

Drawing Title: **ELECTRICAL FIRE ALARM PLAN**

Drawn: XXX	Checked: XXX
Scale:	Date: Nov 12, 2024
Project No.: 6091-24	Drawing No.: E1.6

**CASE Engineering Inc.**

796 Merus Court St. Louis, MO 63026 T 636.349.1600 F 636.349.1730  
CERTIFICATE OF AUTHORITY NO. 001498

NOTES	MOUNT: FLUSH 120/208 3-PHASE, 4W						PANEL B				CAPACITY: 225A				INT CAP: 22KA SERIES RATED				NOTES
	LOCATION: BOH						LUGS: 225A MLO				DEMAND LOAD: 116A				AV. FAULT: EXISTING				
	CKT	LTG	REC	HVAC	MISC	KIT	DESCRIPTION	AMP	POLE	AMP	POLE	DESCRIPTION	LTG	REC	HVAC	MISC	KIT	CKT	
A	1					1.92	[E7.1.20] DOUBLE EVEN THAWING CABINET	20	1	A	20	1						2	
A	3					0.14	[A31.00] MARINATOR	15	1	B	20	2						4	
D	5			0.36			MANAGER'S DESK	20	1	C	20	2						6	
D	7			0.72			MANAGER'S DESK	20	1	A	20	2						8	
	9						SPARE	20	2	B	20	2						10	
	11						SPARE	20	2	C	20	2						12	
A	13					1.02	[A10.30] FRYER (GAS)	15	1	A	15	1						14	
A	15					1.02	[A10.30] FRYER (GAS)	15	1	B	15	1					0.51	16	A
A	17					0.50	ANSUL SYSTEM	20	1	C	20	1					1.68	18	A
D	19				0.54		MANAGER'S DESK	20	1	A							0.52	20	
D	21				0.36		MANAGER'S DESK	20	1	B	15	3					0.52	22	A
D	23				0.36		MANAGER'S DESK	20	1	C							0.52	24	
A	25				0.36		RESTROOM RECEPTACLES	20	1	A							0.52	26	A
A	27				0.20		MENUBOARDS	20	1	B	15	3					0.52	28	A
A	29				0.36		KITCHEN CONVENIENCE REC	20	1	C							0.52	30	
D	31				0.36		KITCHEN CONVENIENCE REC	20	1	A							0.60	32	A
A	33					0.23	BAGN BOX REC	20	1	B	15	2					0.60	34	A
B	35					1.40	SITE LIGHTING	20	2	C	15	1					0.12	36	A
	37					1.40		20	2	A	15	1						38	
A	39					0.28	[A47.73] BATTER CART	15	1	B	15	1						40	
A	41					0.28	[A47.100] BATTER CART	15	1	C	15	1					0.19	42	A
A	43					0.86	[A54.00] REACH IN FREEZER	15	1	A	15	1					1.44	44	A
D	45					0.10	DOORBELL	20	1	B	60	2					4.95	46	A
C	47					0.50	HAND DRYER	20	2	A							4.95	48	A
	49					0.50		20	2	A	15	1						50	
A	51					1.32	[ETR 11] PRODUCT HOLDING UNIT	25	2	B	20	1						52	D
	53					1.32		20	2	C	20	1						54	
A	55					1.76	[D70.00] HOT WATER DISPENSER	25	2	A	20	1						56	
	57					1.76		25	2	B	15	1					0.50	58	A
A	59					1.76	[D70.00] HOT WATER DISPENSER	25	2	C	20	2					1.41	60	A
	61					1.76		25	2	A	20	1					1.41	62	
A	63					2.33	[D90.00] PROOFER CABINET	25	1	B	20	2					1.41	64	A
	65					0.50	HAND DRYER	20	2	A							1.41	66	A
	67					0.50		20	2	C	20	2					1.30	68	A
A	69					0.54	EXTERIOR REC	20	1	B	20	2					1.30	70	A
D	71					1.08	SHOW WINDOW REC	20	1	C	15	1					0.80	72	A
	73						SPARE	20	1	A	20	1						74	
	75						SPARE	20	1	B	20	1						76	
	77						SPARE	20	1	C	20	1						78	
	79						SPARE	20	1	A	20	1						80	
	81						SPARE	20	1	B	20	1						82	
	83						SPARE	20	1	C	20	1						84	

NOTES	MOUNT: SURFACE 120/208 3-PHASE, 4W						PANEL MDP				CAPACITY: 600A				INT CAP: 65KA				NOTES	
	LOCATION: EXTERIOR						LUGS: 600A MCB				DEMAND LOAD: 349A				AV. FAULT: EXISTING					
	CKT	LTG	REC	HVAC	MISC	KIT	DESCRIPTION	AMP	POLE	AMP	POLE	DESCRIPTION	LTG	REC	HVAC	MISC	KIT	CKT		
D	1					4.78	PANEL A	225	3	A	60	3						5.53	2	D
	3					2.52		225	3	B	60	3						5.53	4	
	5					2.18		225	3	C	60	3						5.53	6	
D	7					1.40	PANEL B	225	3	A	60	3						5.53	8	D
	9					0.20		225	3	B	60	3						5.53	10	
	11					1.40		225	3	C	60	3						5.53	12	
	13						SPACE	225	3	A									14	
	15						SPACE	225	3	B									16	
	17						SPACE	225	3	C									18	
	19						SPACE	100	3	A	20	1						1.92	20	B
	21						SPACE			B	15	1						0.36	22	C
	23						SPACE			C									24	
	25						SPACE			A									26	
	27						SPACE			B									28	
	29						SPACE			C									30	
	31						SPACE			A									32	
	33						SPACE			B									34	
	35						SPACE			C									36	
	37						SPACE			A									38	
	39						SPACE			B									40	
	41						SPACE			C									42	

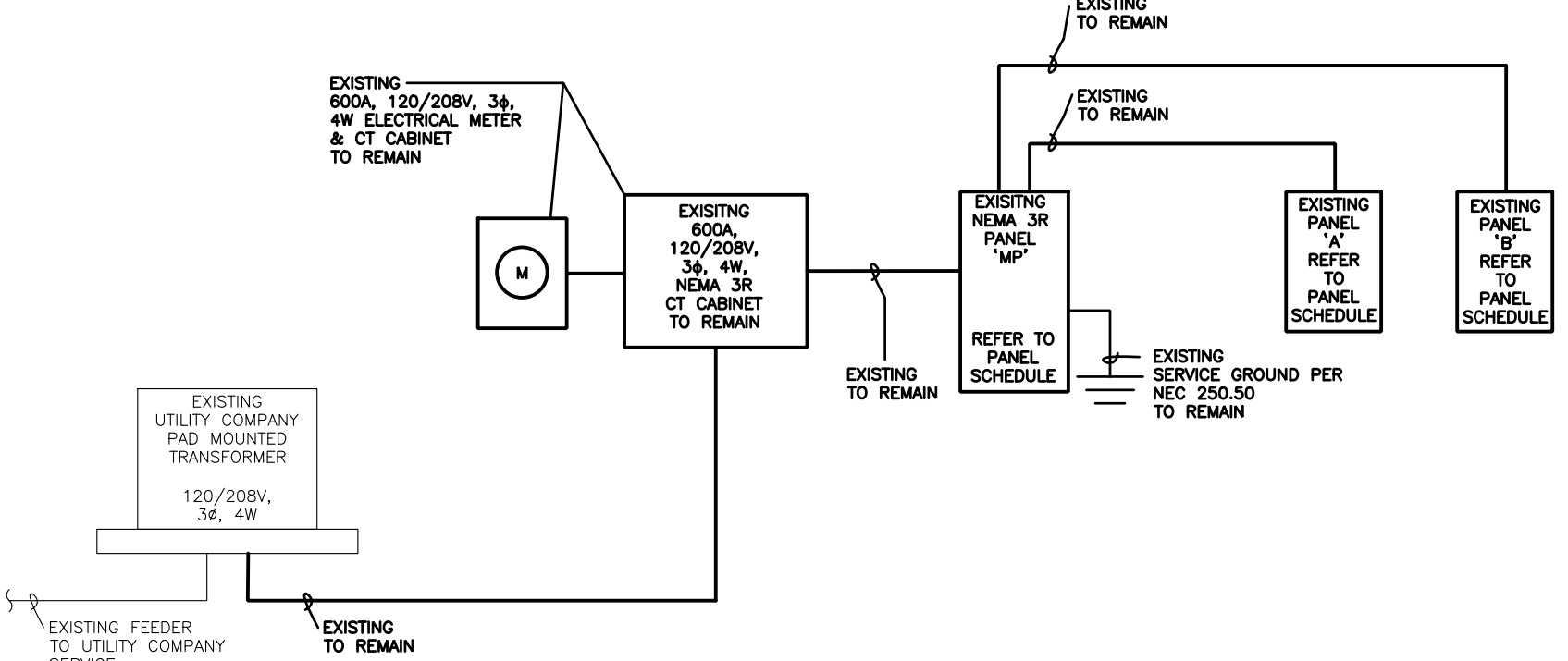
PHASE	LOAD	%	RECEPTACLE	CONNECTED	DEMAND	DEMAND FORMULA	CONNECTED	DEMAND
A	17.5 KVA	31%	HVAC	2.0 KVA	2.0 KVA	LOAD X 100% (USED MCA IN CALCULATION)	57.0 KVA	41.7 KVA
B	19.5 KVA	34%	MISC	0.1 KVA	0.1 KVA	LOAD X 100% NEC 210.19 NON-CONT.	158.3A	115.8A
C	20.0 KVA	35%	KIT	45.9 KVA	29.9 KVA	65% PER NEC TABLE 220.56		

- NOTES:  
A. CIRCUIT BREAKER GFCl - PROVIDE 5mA TRIP GFCl TYPE CIRCUIT BREAKER.  
B. EXISTING BREAKER TO SERVE EXISTING LOAD.  
C. NEW BREAKER TO SERVE NEW LOAD.  
D. EXISTING BREAKER TO SERVE NEW LOAD.

- NOTES:  
A. PANEL CONTAINS FEED THRU LUGS.  
B. EXISTING BREAKER TO SERVE NEW LOADS.  
C. NEW BREAKER TO SERVE NEW LOADS.  
D. EXISTING BREAKER TO SERVE EXISTING LOADS.  
E. PANEL EQUIPPED WITH FEED THRU LUGS.

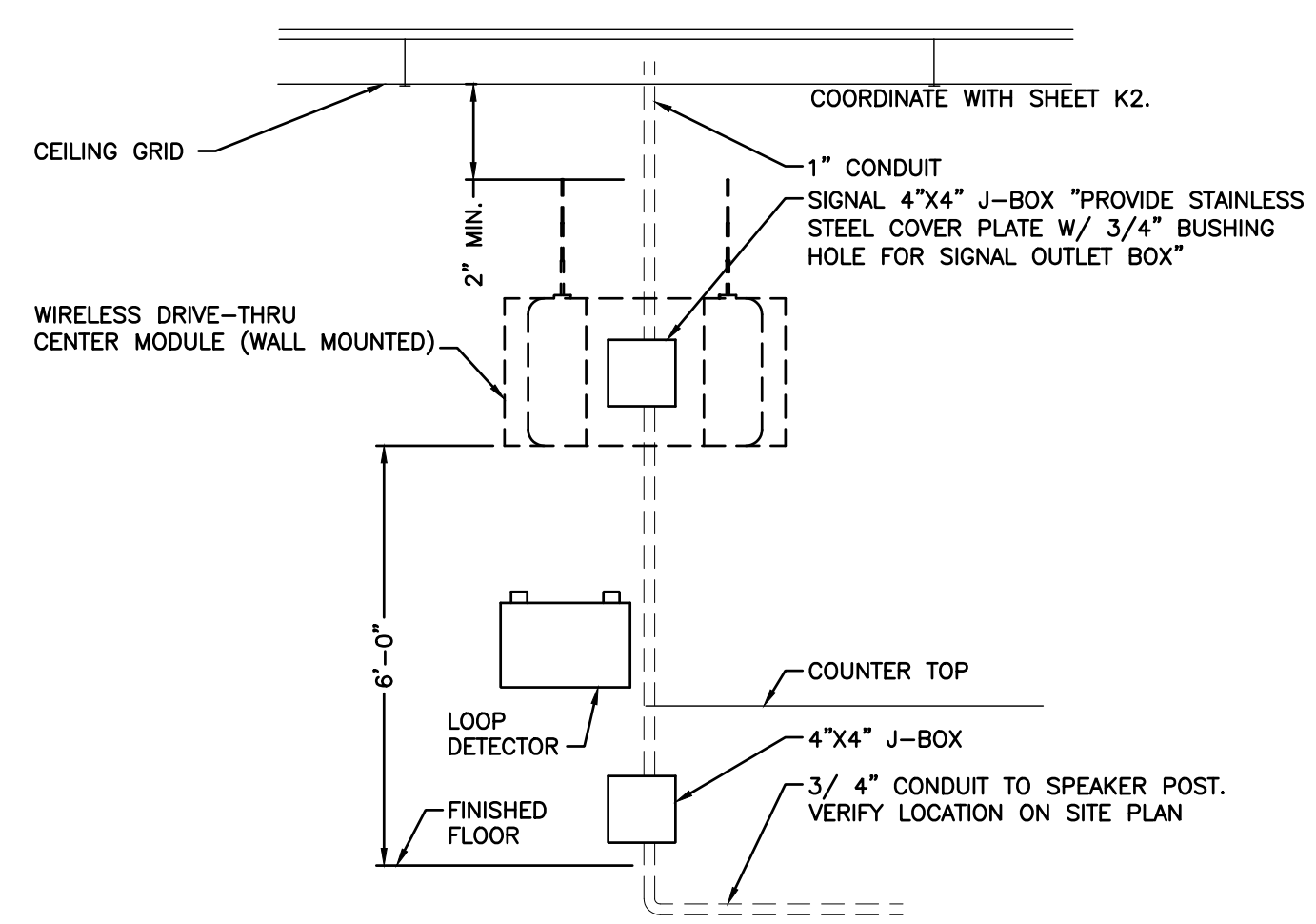
**SHEET NOTE**  
A. PER NEC 408.4 - EVERY BRANCH CIRCUIT AND CIRCUIT MODIFICATION MUST BE UNIQUELY IDENTIFIED. PROVIDE A TAG AT EACH CIRCUIT CONDUCTORS JUNCTION BOX, OUTLET, SWITCH, ETC. DESIGNATION WHICH ELECTRICAL PANEL AND CIRCUIT NUMBER THE CONDUCTOR IS FED FROM.  
B. EC TO POST ARC-FLASH HAZARD WARNINGS, PER NEC ART. 110.16 A POWER SYSTEM STUDY IS TO BE PERFORMED TO DETERMINE THIS VALUE AND AVAILABLE FAULT CURRENT AT ALL PANELS.  
C. EC TO PROVIDE LABELS ON SERVICE EQUIPMENT TO IDENTIFY THE AVAILABLE FAULT CURRENT AS REQUIRED BY NEC ARTICLE 110.24.

- GENERAL NOTES**  
1. EC TO PROVIDE HANDLE TIE ON ALL MULTIWIRE BRANCH CIRCUITS PER NEC 210.4(B).  
2. ALL SPARE CIRCUIT BREAKERS AND DISCONNECT SWITCHES SHALL BE LEFT IN THE OFF POSITION.  
3. EC SHALL VERIFY THE VOLTAGE AND AMPERAGE REQUIREMENTS OF ALL EQUIPMENT DELIVERED TO THE SITE PRIOR TO CONNECTION. EC SHALL NOTIFY OWNER OF ANY DIFFERENCE.

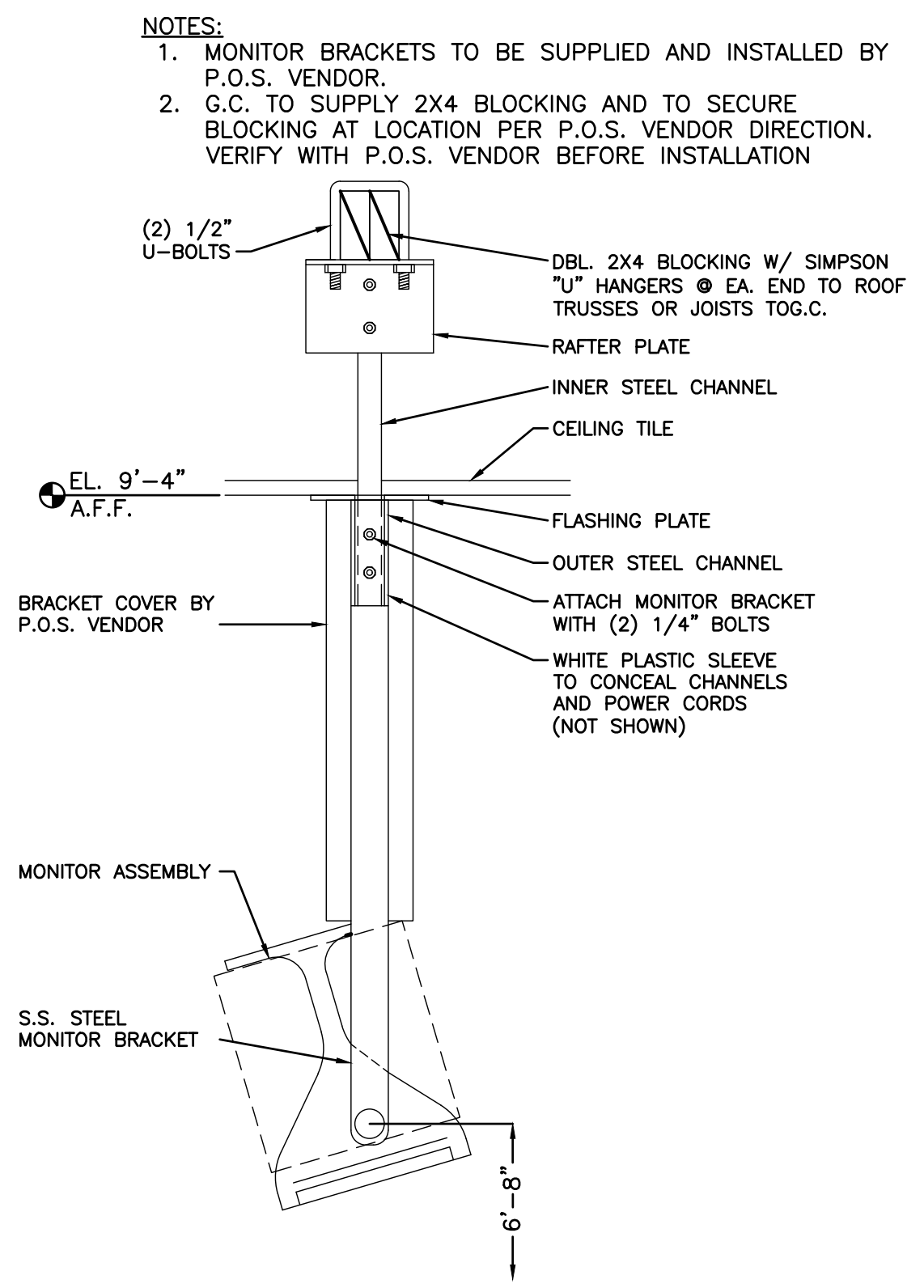


**01 ELECTRICAL RISER DIAGRAM**  
ENTER SCALE

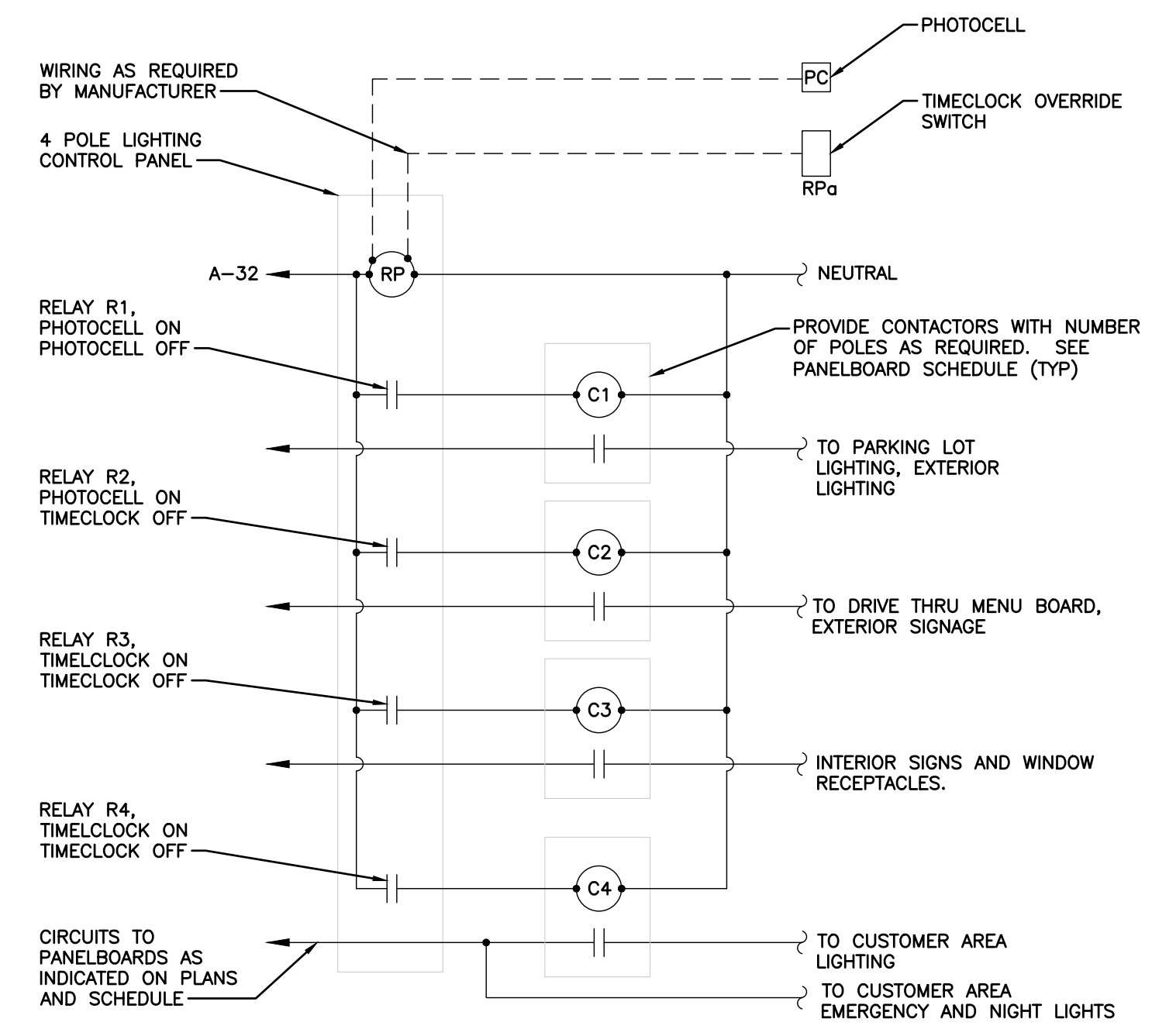
NOTES	MOUNT: FLUSH 120/208 3-PHASE, 4W						PANEL A				CAPACITY: 200A				INT CAP: 22KA SERIES RATED				NOTES		
	LOCATION: BOH						LUGS: 225A MLO				DEMAND LOAD: 135A				AV. FAULT: EXISTING						
	CKT	LTG	REC	HVAC	MISC	KIT	DESCRIPTION	AMP	POLE	AMP	POLE	DESCRIPTION	LTG	REC	HVAC	MISC	KIT	CKT			
A	1					0.90	KITCHEN LIGHTING & RECIRC PUMP	20	1	A	20	2							1.64	2	A
C	3					0.07	SERVICE AREA LTG	20	1	B									1.64	4	
C	5					0.58	DINING LTG	20	1	C	20	2								6	
C	7					0.08	DINING ACCENT LTG	20	1	A	20	2								8	
C	9					1.20	BUILDING SIGNAGE	20	1	B	20	1			0.05					10	C
C	11					1.20	BUILDING SIGNAGE	20	1	C	20	1								12	
	13						SPARE	20	1	A	20	1								14	
	15						SPARE	20	1	B	20	1								16	
C	17					0.40	EXTERIOR LTG	20	1	C	20	1								18	
C	19					1.20	BUILDING SIGNAGE	20	1	A	20	1								20	C
C	21					1.20	BUILDING SIGNAGE	20	1	B	20	1			1.20				0.84	22	C
A	23					0.18	KITCHEN CONVENIENCE REC	20	1	C	20	1						0.36	24	C	
A	25					1.44	WATER HEATER 1.2	20	1	A	20	1			1.20					26	C
	27						SPARE	20	1	B	20	1							2.38	28	C
	29						SPARE	20	1	C	30	2						2.39	30	A	
	31						SPARE	20	1	A	20	1								32	C
	33						SPARE	20	1	B	20	1			0.20					34	
A	35						POS SYSTEM	20	1	C									2.49	36	A
A	37						DT WINDOW	20	1	A	30	2							2.49	38	A
	39						SPARE	20	1	B									2.88	40	
	41						SPARE	20	1	C	30	3							2.88	42	A
	43						SPARE	20	1	A									2.88	44	
A	45					0.43	[ETR-27] PRINTERS	15	1	B									2.88	46	
A	47					0.30	[ETR-1A] U.C. REFRIGERATED UNIT	15	1	C	30	3							2.88	48	A
A	49					1.05	[ETR-1B] DROP IN FRY HOLDING UNIT	20													



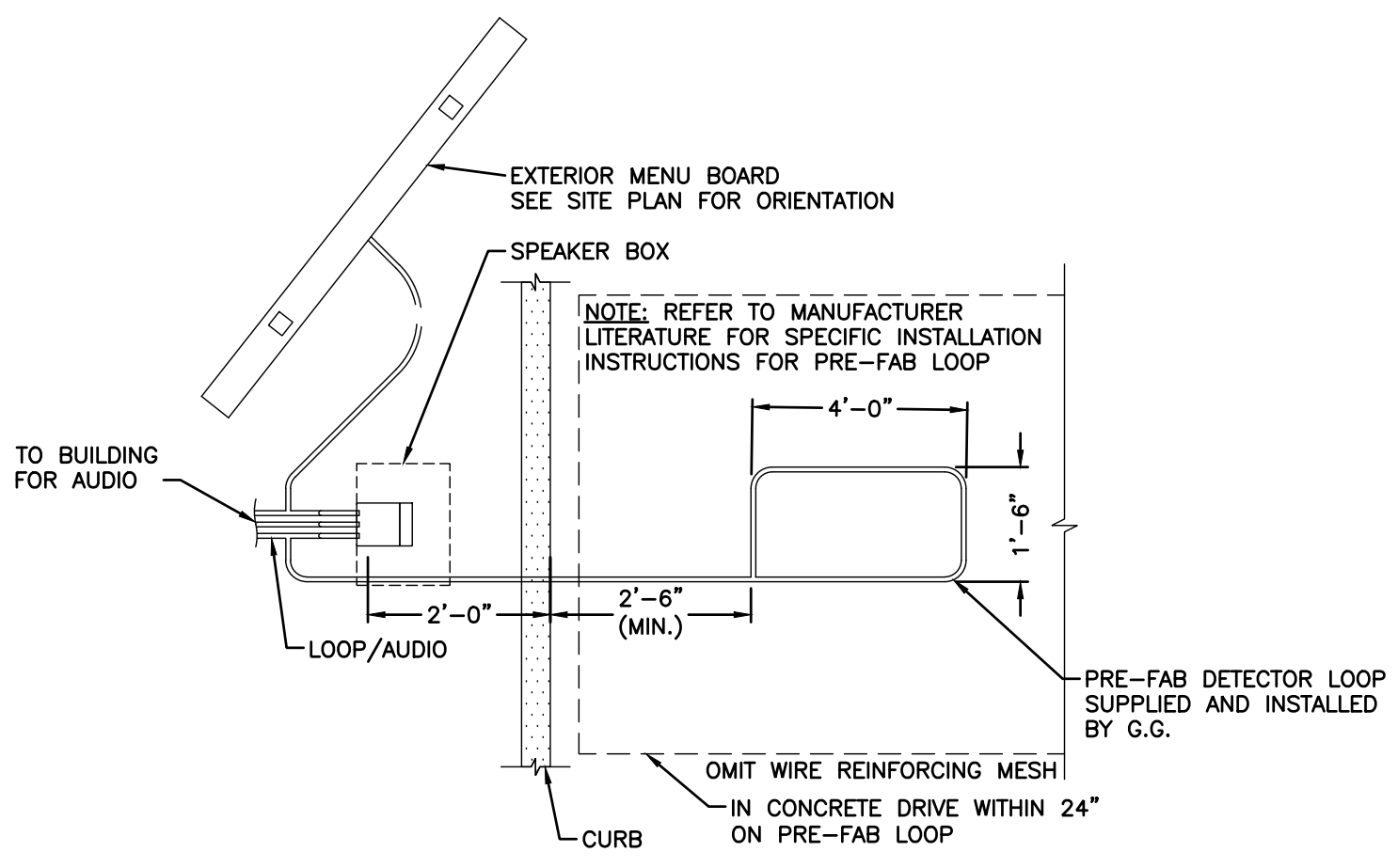
**07 DRIVE-THRU AUDIO/TIMERS**  
NOT TO SCALE



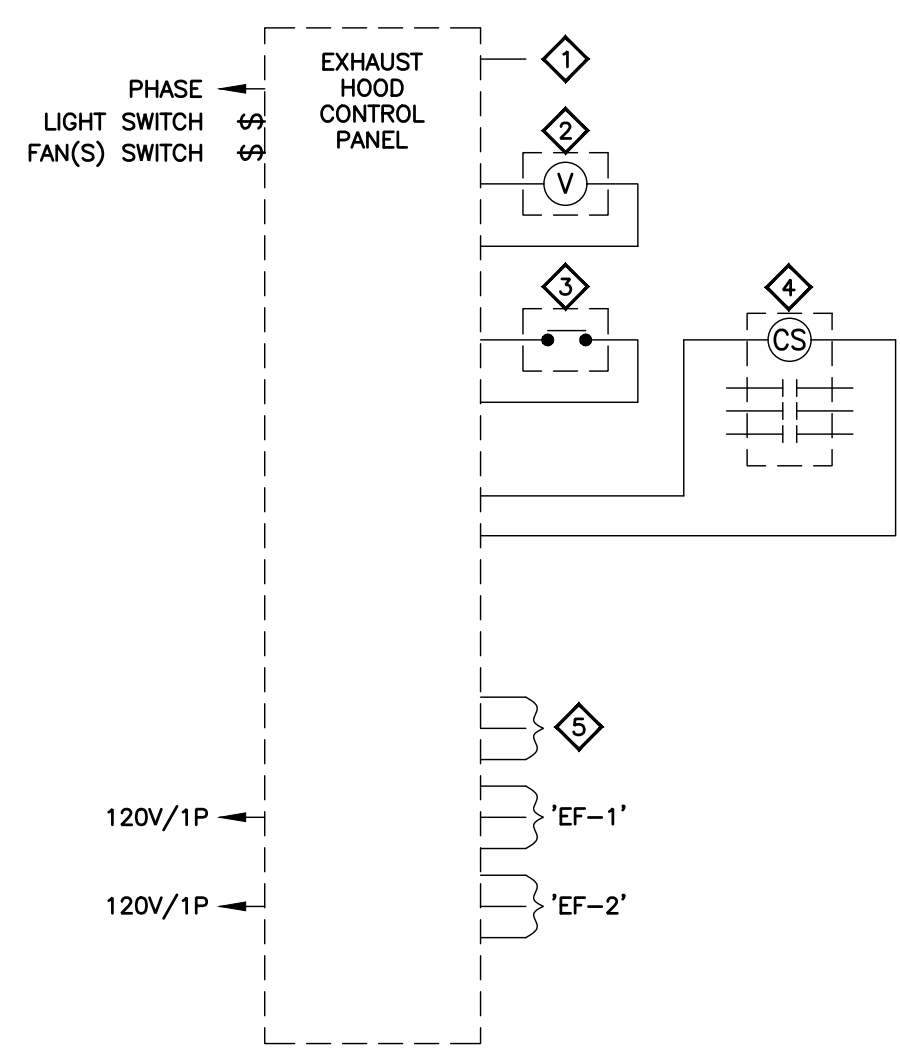
**04 MONITOR BRACKET DETAIL**  
NOT TO SCALE



**01 LIGHTING CONTROL DIAGRAM**  
NOT TO SCALE



**08 DRIVE-THRU LOOP DETECTOR**  
NOT TO SCALE



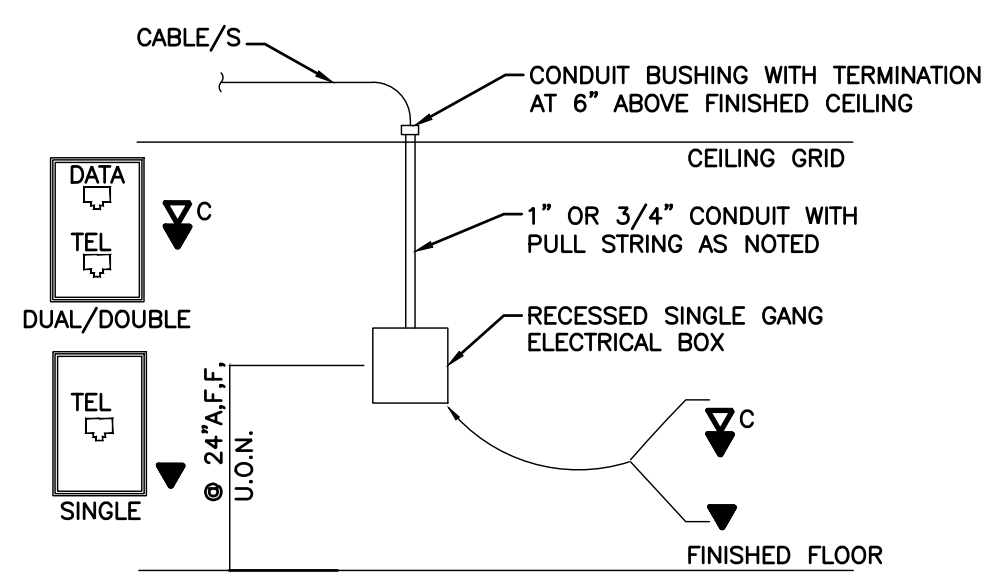
**02 EXHAUST HOOD SHUT-DOWN WIRING DIAGRAM (HCP)**  
NOT TO SCALE

**DETAIL CODED NOTES:**

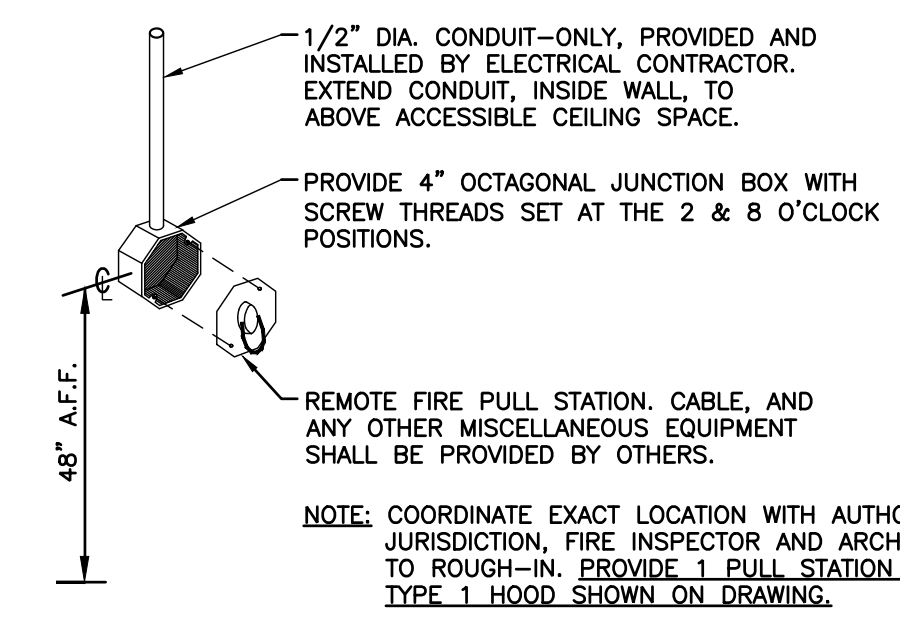
- ◇ PROVIDE FIELD WIRING TO HOOD TEMPERATURE SENSORS PER MANUFACTURER'S SPECIFICATIONS.
- ◇ ELECTRICALLY OPERATED GAS VALVE FOR COOKING EQUIPMENT BY OTHERS (IF REQUIRED).
- ◇ FIRE SYSTEM MICRO SWITCH, OPENS WHEN FIRE SYSTEM DISCHARGES.
- ◇ 60A/8P CONTACTOR WITH 120V COIL FOR ELECTRICAL EQUIPMENT UNDER HOOD (VERIFY LOCATIONS IN FIELD WITH OWNER)
- ◇ PROVIDE ALL 120V AND LOW VOLTAGE CONNECTIONS BETWEEN HOOD CONTROL PANEL AND FANS. SEE CAPTIVE WIRE WIRING DIAGRAMS FOR WIRING REQUIREMENTS.

**DETAIL GENERAL NOTES:**

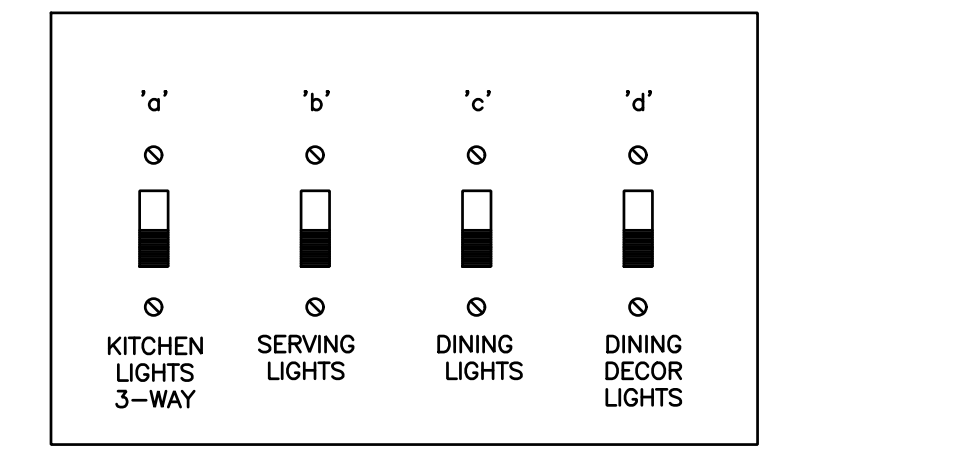
- A. REFERENCE MECHANICAL DRAWINGS FOR CAPTIVE WIRE DETAILS AND WIRING DIAGRAMS.
- B. INTERLOCK WIRING FOR MOTOR STARTER FURNISHED WITH HOOD.
- C. INTERLOCK WIRING FOR GAS VALVE BY ELECTRICAL CONTRACTOR.
- D. COORDINATE EXACT QUANTITY OF CONTACTOR POLES WITH PANEL SCHEDULES.
- E. MAKE FINAL CONNECTIONS BETWEEN TEMPERATURE SENSOR INSTALLED IN HOOD AND HOOD CONTROL PANEL. REFER TO HOOD DRAWING FOR ADDITIONAL INFORMATION.
- F. REFER TO ELECTRICAL PANEL SCHEDULES FOR PANEL CONNECTIONS.



**09 TYP COMM. STUB UP**  
NOT TO SCALE



**06 REMOTE HOOD FIRE PULL STATION**  
NOT TO SCALE



**03 SWITCH BANK DETAIL**  
NOT TO SCALE

**NOTES:**

1. PROGRAM SWITCH TO OVERRIDE ASSOCIATED RELAY ON FOR 1 HOUR.
2. SWITCHES SHALL BE PILOT LIT PER CODE.
3. PROVIDE MACHINE MADE LABELS AS SHOWN.

ISSUE TABLE		
No.	Date (mm/dd/yyyy)	Description

REVISIONS		
No.	Date	Description

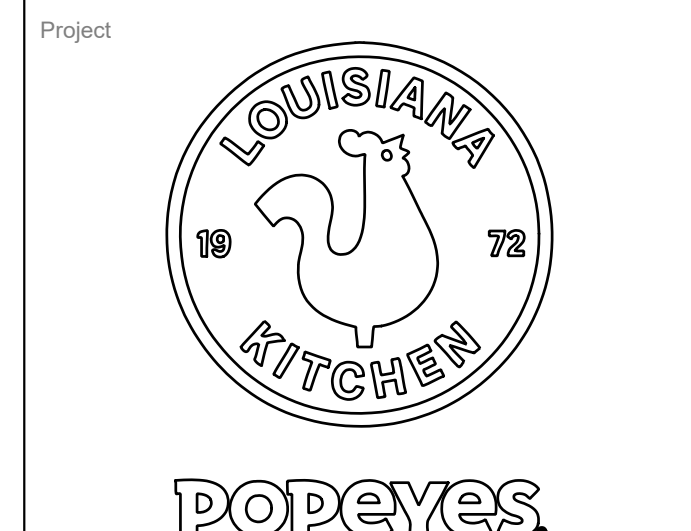
DRAWINGS REVISED AS PER DESIGN BULLETIN		
No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS 'ISSUED FOR CONSTRUCTION'.



Company Logo  
**WARMAN ARCHITECTURE+DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051



Store Type: **REMODEL**  
(BASED ON US 2124 PROTOTYPE)  
Location: **440 NW Chipman Road  
Lee's Summit, MO 64063**

Drawing Title: **ELECTRICAL DETAILS**

Drawn: <b>XXX</b>	Checked: <b>XXX</b>
Scale:	Date: <b>Nov 12, 2024</b>
Project No.: <b>6091-24</b>	Drawing No.: <b>E3.1</b>

**CASE**  
Engineering Inc.  
796 Merus Court St. Louis, MO 63026 T 636.349.1600 F 636.349.1730  
CERTIFICATE OF AUTHORITY NO. 001498

**"MORNING ARRIVAL"**

**STEP 1**  
TURN THE KITCHEN UNOCCUPIED-OCCUPIED SWITCH TO THE OCCUPIED POSITION. THE KITCHENS AIR CONDITIONING SYSTEM WILL GO FROM NIGHT SETBACK MODE TO THE THERMOSTAT SET POINT.

NOTE: THE AIR CONDITIONING FAN WILL START AND RUN CONTINUOUSLY. EXHAUST FAN WILL NOT RUN UNTIL THIS SWITCH IS IN THE OCCUPIED POSITION.

**STEP 2**  
TURN ON THE EXHAUST FAN SWITCH TO THE ON POSITION THIS WILL ALLOW YOU TO TURN ON THE FRYERS.

**"RESTAURANT OPEN FOR BUSINESS"**

**STEP 1**  
TURN THE DINING UNOCCUPIED-OCCUPIED SWITCH TO THE OCCUPIED POSITION. THE DINING AIR CONDITIONING SYSTEM WILL GO FROM NIGHT SETBACK MODE TO THE THERMOSTAT SET POINT.

**STEP 2**  
TURN THE SIGN AND PARKING LOT LIGHTING SWITCHES TO THE AUTO POSITION, THIS WILL ENGAGE THE LIGHTING PHOTOCELLS SO THAT THE LIGHTS WILL AUTOMATICALLY COME ON AFTER DARK. TURN THE SWITCH TO THE ON POSITION TO OVER RIDE THE PHOTOCELLS AT ANY TIME THE LIGHTING MUST REMAIN ON.

**"RESTAURANT CLOSE FOR BUSINESS"**

**STEP 1**  
TURN THE DINING UNOCCUPIED-OCCUPIED SWITCH TO THE UNOCCUPIED POSITION. THE DINING AIR CONDITIONING SYSTEM WILL GO FROM THE THERMOSTAT SET POINT TO THE NIGHT SET BACK MODE.

**STEP 2**  
TURN THE SIGN AND PARKING LOT LIGHTING SWITCHES TO THE OFF POSITION, THIS WILL DISENGAGE THE LIGHTING PHOTOCELLS.

**STEP 3**  
TURN THE EXHAUST FAN SWITCH TO THE OFF POSITION. THE UNDER HOOD COOKING EQUIPMENT WILL TURN OFF AND THE EXHAUST FAN WILL CONTINUE TO RUN FOR 15 MINUTES FOR A COOL DOWN CYCLE AND THEN SHUT OFF AUTOMATICALLY.

NOTE: TO PREVENT ACCIDENTAL ANSUL DISCHARGE, ONE OF THE HOODS EXHAUST FANS WILL RUN 15 MINUTES AFTER THE EXHAUST FAN SWITCH IS TURNED TO THE OFF POSITION.

**"EMPLOYEES LEAVING THE BUILDING"**

**STEP 1**  
WHEN READY TO EXIT THE BUILDING PUSH THE SECURITY DEPARTURES SWITCH. THE PARKING LOT LIGHTS WILL COME BACK ON FOR 15 MINUTES THEN SHUT OFF AUTOMATICALLY.

**"MANAGER/LAST PERSON LEAVING THE BUILDING"**

**STEP 1**  
TURN THE KITCHEN UNOCCUPIED-OCCUPIED SWITCH TO THE UNOCCUPIED POSITION. THE KITCHENS AIR CONDITIONING SYSTEM WILL GO FROM THE THERMOSTAT SET POINT TO THE NIGHT SET BACK MODE.

**STEP 2**  
WHEN READY TO EXIT THE BUILDING PUSH THE SECURITY DEPARTURES SWITCH. THE PARKING LOT LIGHTS WILL COME BACK ON FOR 15 MINUTES THEN SHUT OFF AUTOMATICALLY.

**"HOOD VENTILATION SYSTEM NOTE"**

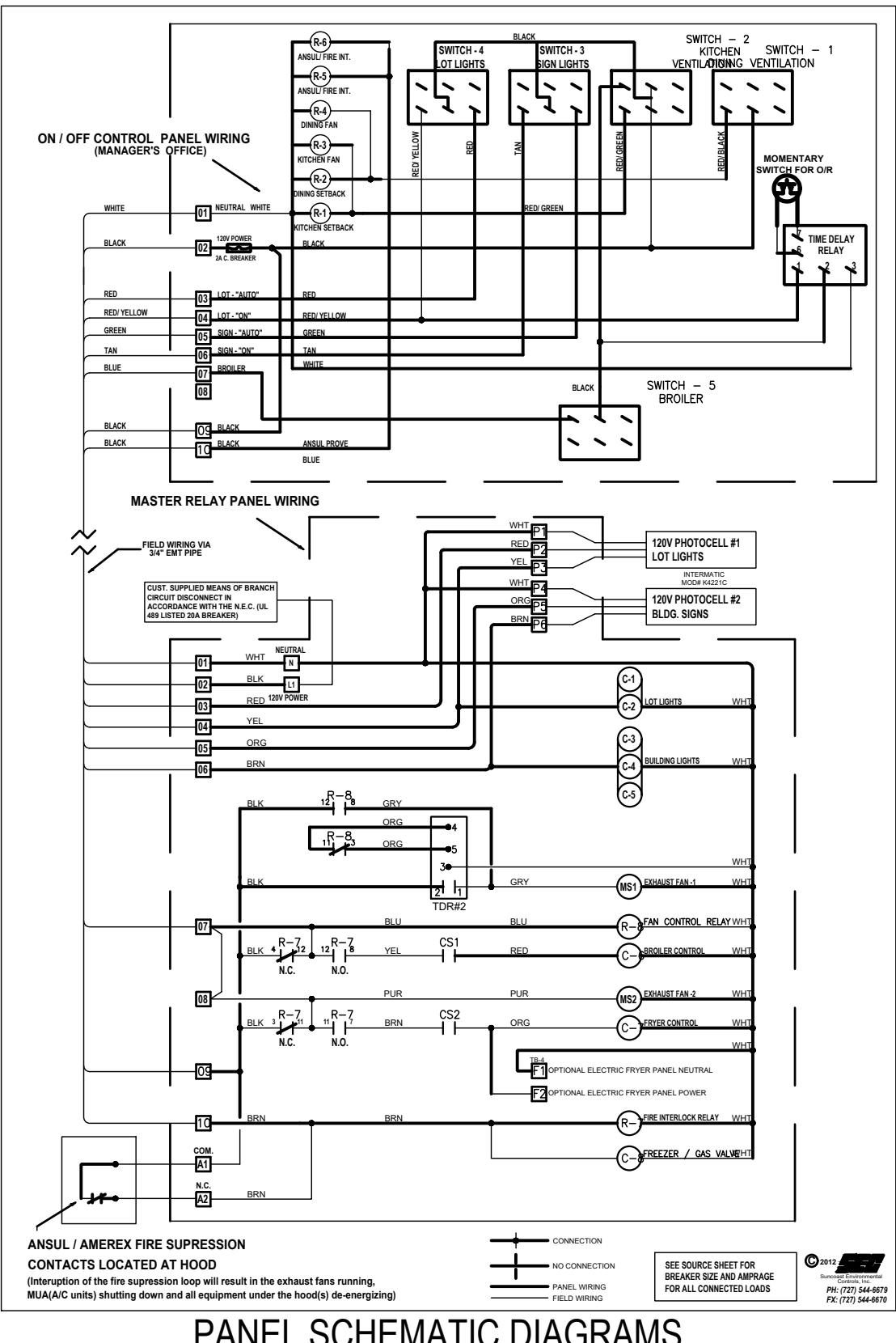
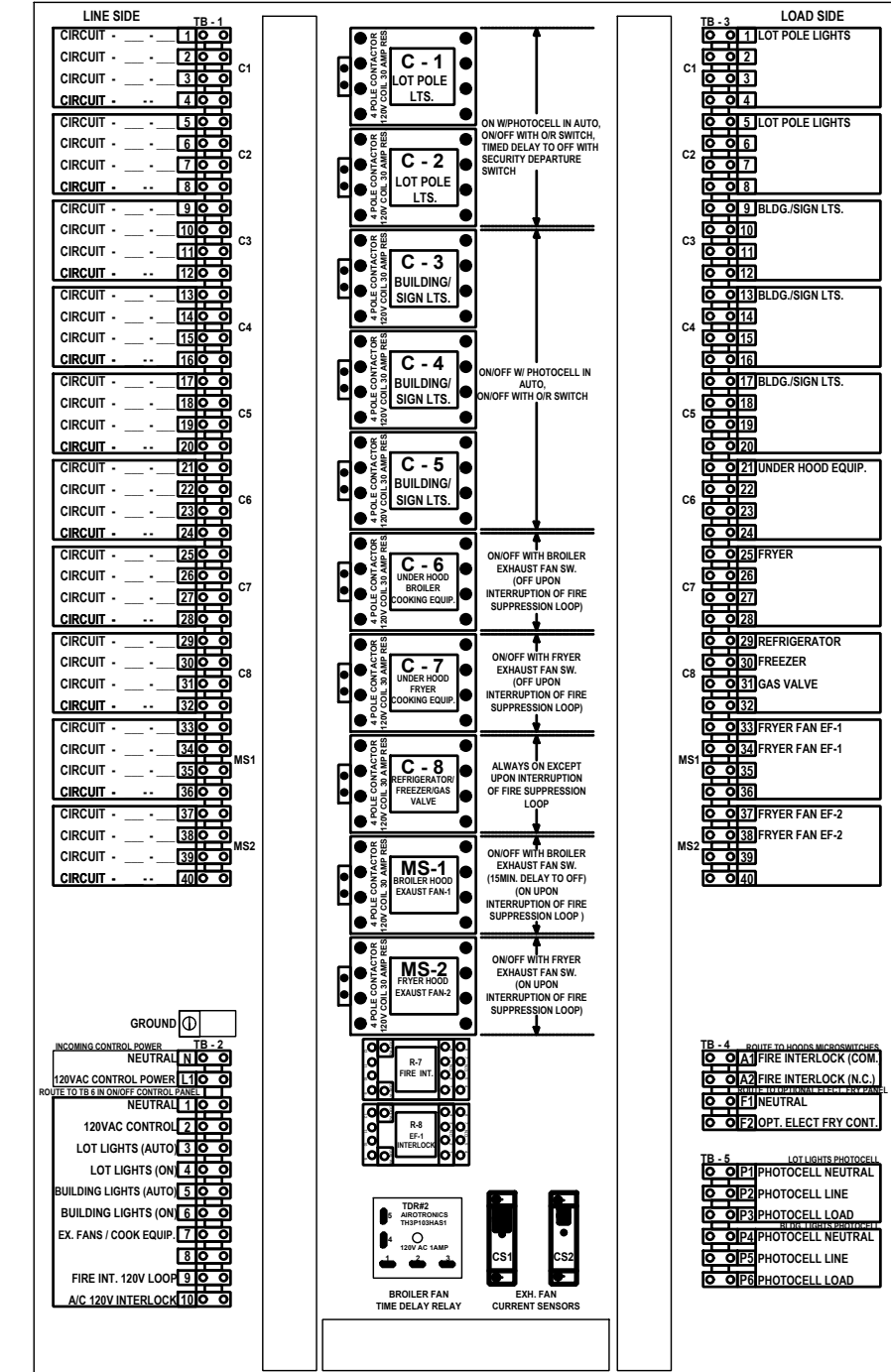
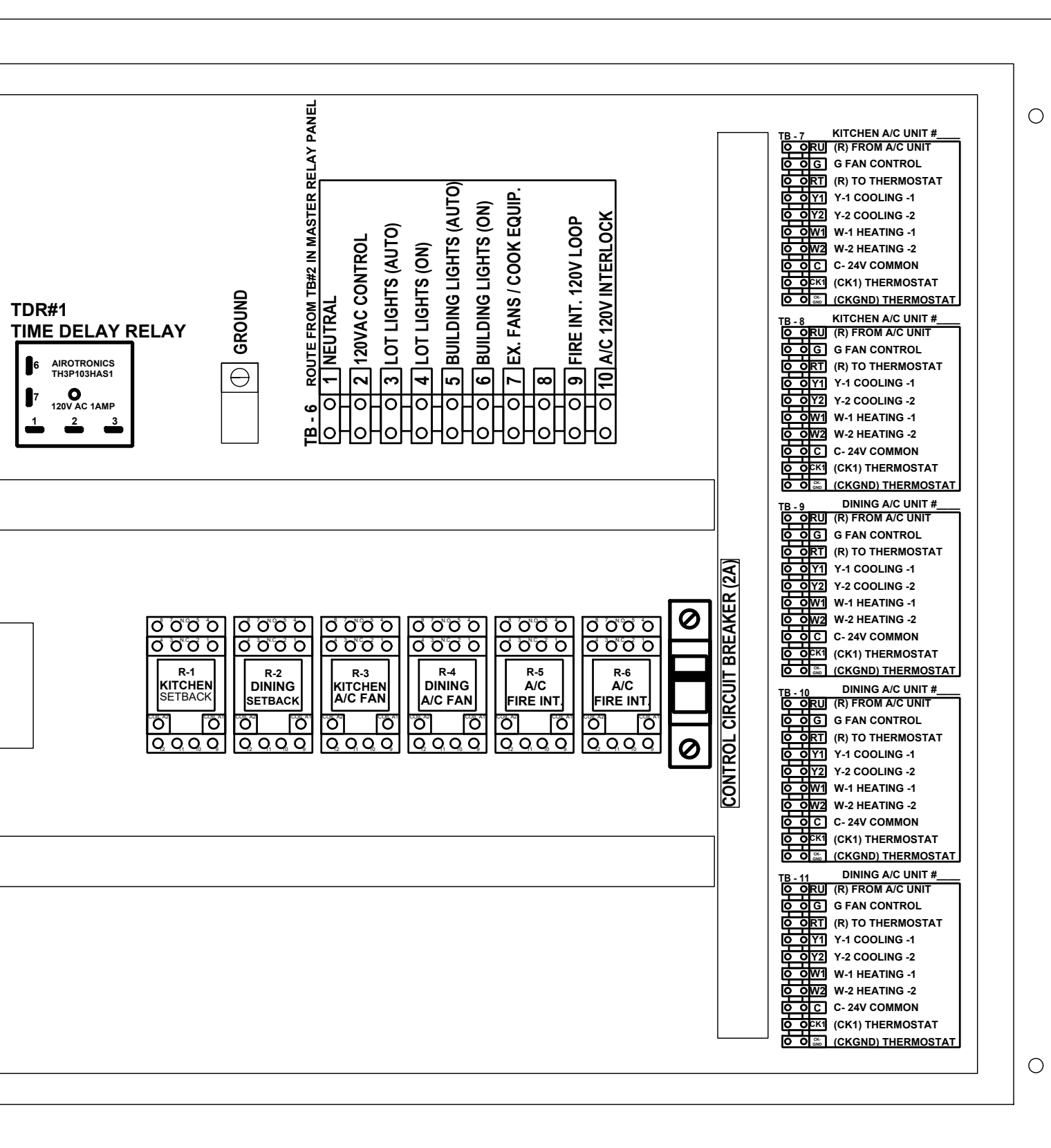
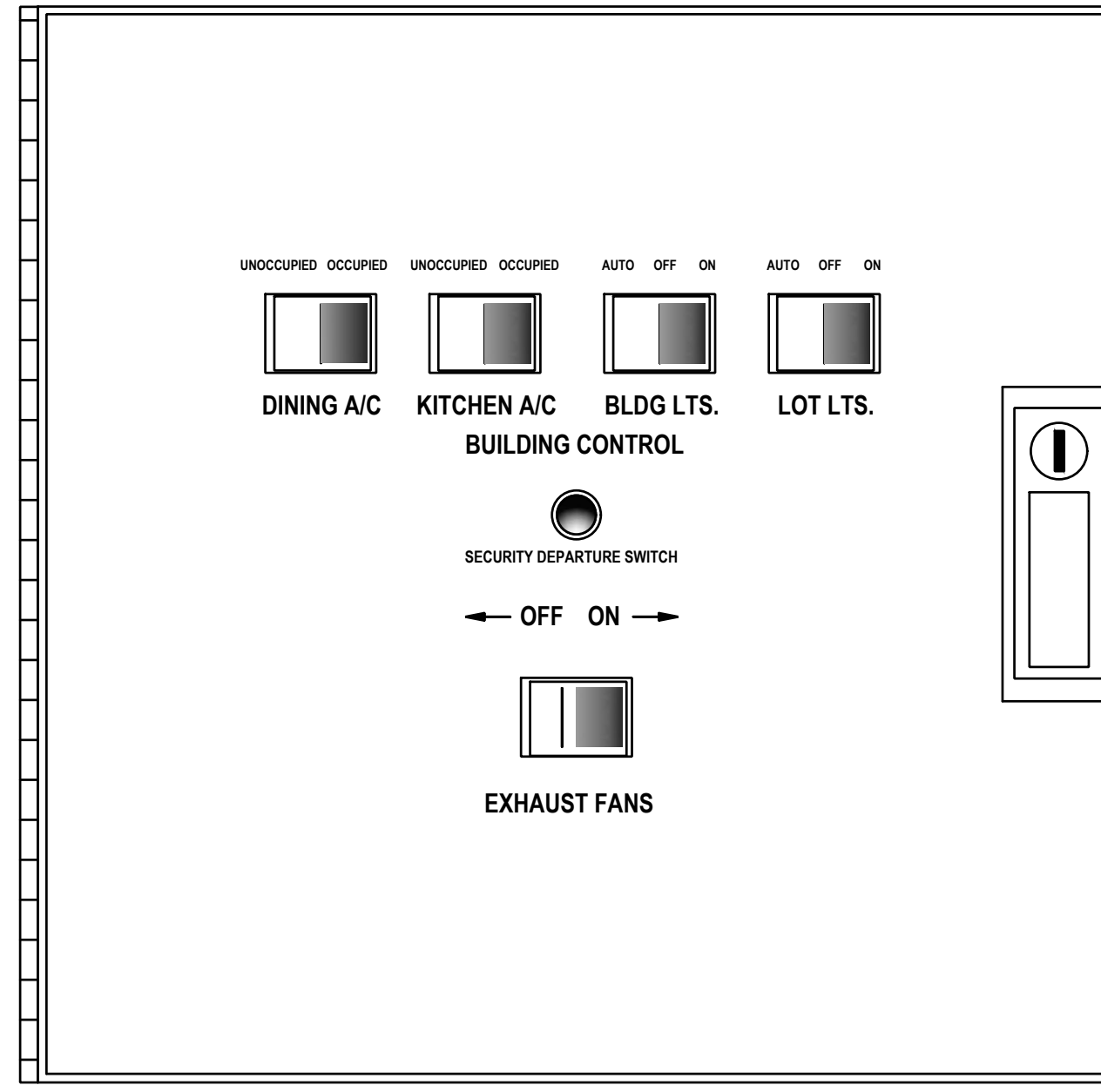
WHEN THE HOOD EXHAUST FAN CURRENT SENSOR DETECTS A DROP IN AMPERAGE (SUCH AS A BOLT BREAKING) IT WILL DISABLE THE LINE VOLTAGE TO THE COOKING EQUIPMENT UNDER THE HOOD. THE EXHAUST FAN SWITCH SHOULD BE PLACED IN THE OFF POSITION AND THE FAN SHOULD BE CHECKED AND/OR REPAIRED BEFORE TURNING THE SWITCH TO THE ON POSITION.

**"PARKING LOT LIGHTING NOTE"**

WHEN THE PARKING LOT LIGHTS ARE TURNED OFF, THEY MUST COOL DOWN FOR ABOUT 10 MINUTES BEFORE THEY WILL COME BACK ON.

**\*NOTE:** Current sensors are factory wired but must be field adjusted for proper operation. With the hood exhaust fans running, spin the potentiometer dials counterclockwise until the status "OFF" green LED lights and cooking equipment contractors de-energize. Then turn dials back clockwise one full turn. If the current sensors are improperly adjusted, cooking equipment may not shut off should a hood exhaust fan fail. If the cooking equipment fails to operate while the hood switches are on and the exhaust fans are running, spin the appropriate setpoint dial clockwise until the status "ON" red LED lights.

© Copyright 2014- The NCA Group. Drawings, specifications, notes, databases, computer files, field data, and reports as instruments of service prepared by the Design of Record. As instruments of services, these items remain the property of the Design of Record, who shall retain all statutory and other reserved rights, including the copyright thereto. Any use, reproduction or changes to these documents without written consent of The NCA Group is a violation of the Federal Copyright Laws.



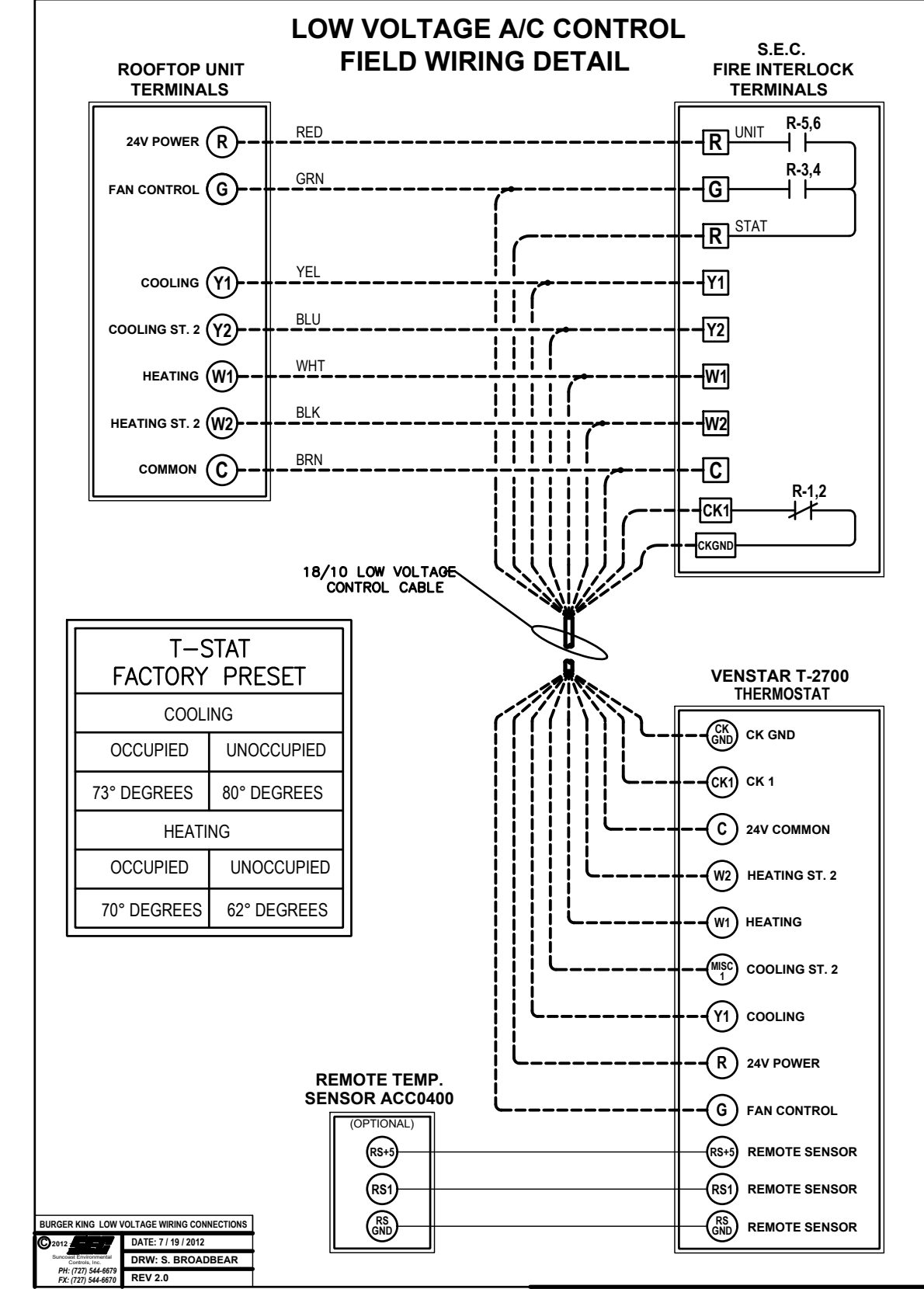
**POPEYES SEQUENCE OF OPERATION**

**MANUAL CONTROL SYSTEM**  
THE AC UNITS UNOCCUPIED-OCCUPIED SWITCH IS USED TO TURN THE STORE ON IN THE MORNING AND OFF IN THE EVENING.  
WHEN AC UNIT UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE ON POSITION:  
THE AIR CONDITIONING SYSTEM WILL GO FROM NIGHT MODE TO SYSTEM ON.  
THE AIR CONDITIONING FANS WILL START AND RUN CONTINUOUSLY.  
THE OUTDOOR DAMPERS WILL OPEN TO A PRESET POSITION. (OPTIONAL)  
DAMPERS WILL NOT OPEN DURING NIGHT SET BACK MODE. (OPTIONAL)  
THE AIR CONDITIONERS WILL BEGIN TO COOL OR HEAT AT THE OCCUPIED TEMPERATURE SETPOINT.  
THE COOKING EQUIPMENT AND EXHAUST FANS CAN NOW BE TURNED ON WHEN NEEDED.  
WHEN AC UNOCCUPIED-OCCUPIED SWITCH IS TURNED TO THE OFF POSITION:  
EXHAUST FANS, SUPPLY FANS, AND EVAPORATOR BLOWERS WILL SHUT DOWN.  
THE HEATING AND COOLING OPERATION SHALL REVERT TO SYSTEM NIGHT SET BACK MODE.  
THE COOKING EQUIPMENT SHALL BE DISABLED.  
THE SIGNAGE LIGHTING & LOT LIGHTING SHALL BE DISABLED IF SWITCHES ARE IN THE OFF POSITION.  
THE PARKING LOT POLE LIGHTS & SECURITY LIGHTS SHALL REMAIN ON FOR 15 MIN AFTER THE SECURITY DEPARTURE SWITCH IS ACTIVATED.  
WHEN THE HOOD EXHAUST FAN CURRENT SENSOR DETECTS A DROP IN AMPERAGE IT WILL DISABLE THE LINE VOLTAGE TO THE COOKING EQUIPMENT UNDER THE HOOD.

**HOOD VENTILATION SYSTEM**  
IF THE KITCHEN A/C SWITCH IS IN THE OCCUPIED POSITION, THE HOOD VENTILATION SYSTEM CAN BE STARTED.  
THE UNDER HOOD EQUIPMENT SHALL BE STARTED BY MOVING THE EXHAUST FANS ON/OFF SWITCH TO THE ON POSITION. IF THE EXHAUST FAN SWITCH IS IN THE ON POSITION, THE MAKE-UP AIR UNIT (IF APPLICABLE) SHALL START AUTOMATICALLY.  
ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM SHALL DE-ENERGIZE THE MAKE UP AIR UNIT, ALL AC UNITS, AND THE CONTROLLED COOKING EQUIPMENT. THE HOODS EXHAUST SYSTEM SHALL CONTINUE TO OPERATE TO DRAW OUT SMOKE. THE FIRE SUPPRESSION SYSTEM SHALL BE MANUALLY RESET.

**EXTERIOR LIGHTING CONTROL**  
ALL OF THE EXTERIOR LIGHTING SHALL BE CONTROLLED, WITH THE EXCEPTION OF THE SECURITY LIGHTS WHICH SHALL BE OPERATED BY ITS OWN PHOTOCELL. SECURITY LIGHTING IS OPTIONAL.  
THE SIGNAGE SELECTOR SWITCH (3-POS.) CONTROLS THE PRIME SIGN, ALL MARQUEE SIGNS, AND BUILDING ACCENT LIGHTING.  
ON POSITION: LIGHTING SHALL BE ON PERMANENTLY.  
OFF POSITION: LIGHTING SHALL BE OFF PERMANENTLY.  
AUTO POSITION: LIGHTING SHALL BE CONTROLLED BY THE PHOTO CELL.  
THE LOT LIGHTS THREE POSITION SWITCH WORKS THE SAME AS THE SIGNAGE SWITCH.

NOTE: UNOCCUPIED-OCCUPIED / MASTER RELAY PANEL SHALL BE COMPLETE WHEN SHIPPED TO THE JOB SITE. NO INTERNAL WIRING SHALL BE REQUIRED. MAKE ALL EXTERNAL WIRING CONNECTIONS AS REQUIRED.



**ELECTRICAL CONTRACTOR NOTES:**

- RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE "UNOCCUPIED-OCCUPIED" PANEL.
- RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE "UNOCCUPIED-OCCUPIED" PANEL TO THE THERMOSTAT LOCATION.
- RUN ONE (10) CONDUCTOR 18 GAUGE THERMOSTAT CABLE FROM THE ROOFTOP AIR CONDITIONING UNIT TO THE NIGHT SETBACK THERMOSTAT LOCATION, IF NOT CONTROLLED WITH P-374-2700 T-STAT, REFER TO SHEET M-1
- TERMINATION OF ALL 24 VOLT AIR CONDITIONING CONTROL WIRING SHALL BE DONE BY THE MECHANICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL RUN LINE VOLTAGE FROM THE CURRENT SENSOR LOCATED IN THE BROILER HOOD EXHAUST FAN TO THE CONTRACTOR PANEL LOCATED BY THE SWITCHGEAR.

**HVAC INTERLOCK PANEL NFPA-96 COMPLIANT**

**CASE Engineering Inc.**  
796 Merus Court  
St. Louis, MO 63026  
T 636.349.1600  
F 636.349.1730  
CERTIFICATE OF AUTHORITY NO. 001498

ISSUE TABLE		
No.	Date (mm/dd/yyyy)	Description
REVISIONS		
No.	Date	Description
DRAWINGS REVISED AS PER DESIGN BULLETIN		
No.	Date	Description

This drawing is owned by OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED, OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS "ISSUED FOR CONSTRUCTION"

Licensed stamp  
  
 Nov 12, 2024

Company Logo  
  
**WARSTAR ARCHITECTURE+DESIGN**  
 1735 SWIFT AVE.  
 NORTH KANSAS CITY, MISSOURI 64116  
 V. 816.474.2233 F. 816.474.1051

Project  
  
**POPEYES**

Store Type  
**REMODEL**  
 (BASED ON US 2124 PROTOTYPE)

Location  
 440 NW Chipman Road  
 Lee's Summit, MO 64063

Drawing Title  
**ELECTRICAL DETAILS**

Drawn  
 XXX

Checked  
 XXX

Scale  
 Date  
 Nov 12, 2024

Project No.  
 6091-24

Drawing No.  
 E3.2

POPEYES LOUISIANA KITCHEN MODEL 2124, 10930 PARALLEL PARKWAY KANSAS CITY, KS. 2124 PROTOTYPE DOCUMENTS (OCT 27, 2021) STORE NO. XXXXX

COMcheck Software Version COMcheckWeb Interior Lighting Compliance Certificate. Project Information: Energy Code: 2018 IECC, Project Title: WAR-MO-01-24-E Alteration, Project Type: Alteration. Construction Site: LOT 4D OF SUMMIT ORCHARDS LEE'S SUMMIT, Missouri 64063. Allowed Interior Lighting Power table with 6 categories and 4 columns (A, B, C, D). Proposed Interior Lighting Power table with 6 categories and 5 columns (A, B, C, D, E).

Interior Lighting PASSIS. Statement: Compliance Statement. The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. MATT CASE, 11/12/2024.

COMcheck Software Version COMcheckWeb Exterior Lighting Compliance Certificate. Project Information: Energy Code: 2018 IECC, Project Title: WAR-MO-01-24-E Alteration, Project Type: Alteration, Exterior Lighting Zone: 3 (Other (LZ3)). Allowed Exterior Lighting Power table with 5 columns (A, B, C, D, E). Proposed Exterior Lighting Power table with 5 columns (A, B, C, D, E).

MATT CASE, 11/12/2024. Signature and Date fields. Project Title: WAR-MO-01-24-E, Report date: 11/12/24, Data filename: WAR-MO-01-24-E, Page 4 of 8.

ISSUE TABLE and REVISIONS tables with columns for No., Date, and Description. DRAWINGS REVISED AS PER DESIGN BULLETIN table with columns for No., Date, and Description.

COMcheck Software Version COMcheckWeb Inspection Checklist. Energy Code: 2018 IECC. Requirements: 100.0% were addressed directly in the COMcheck software. Section & Req. ID, Plan Review, Complies?, Comments/Assumptions table with 4 columns.

Section & Req. ID, Rough-in Electrical Inspection, Complies?, Comments/Assumptions table with 4 columns. Includes sections C405.2.1 through C405.2.9.

Section & Req. ID, Rough-in Electrical Inspection, Complies?, Comments/Assumptions table with 4 columns. Includes sections C405.2.3 through C405.9.

Section & Req. ID, Final Inspection, Complies?, Comments/Assumptions table with 4 columns. Includes sections C408.2.3 through C408.3.

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN. Licensed stamp with signature and date Nov 12, 2024. Company Logo: WARMAN ARCHITECTURE+DESIGN. Project: LOUISIANA KITCHEN.

CASE Engineering Inc. 796 Merus Court St. Louis, MO 63026. T 636.349.1600 F 636.349.1730. CERTIFICATE OF AUTHORITY NO. 001498.

POPEYES. Store Type: REMODEL (BASED ON US 2124 PROTOTYPE). Location: 440 NW Chipman Road Lee's Summit, MO 64063. Drawing Title: ELECTRICAL ENERGY CALCS. Drawn: XXX, Checked: XXX. Scale: XXX, Date: Nov 12, 2024. Project No.: 6091-24, Drawing No.: E4.1.

POPEYES LOUISIANA KITCHEN MODEL 2124 - 10930 PARALLEL PARKWAY KANSAS CITY, KS 64114 STORE NO. XXXXX

- ELECTRICAL KEYNOTES**
- 1 PROVIDE (1) 3/4" PVC CONDUIT FOR POWER AND (1) 1/ 2" PVC CONDUIT FOR DATA TO OUTDOOR MENUBOARD.
  - 2 PROVIDE (1) 3/4" PVC CONDUIT FOR POWER AND (1) 1/ 2" PVC CONDUIT FOR DATA TO ORDER PEDESTAL AND DETECTOR LOOP.
  - 3 PROVIDE (1) 3/4" PVC CONDUIT FOR POWER AND (1) 1/ 2" PVC CONDUIT FOR DATA TO PRE ORDER MENUBOARD.
  - 4 MAINTAIN EXISTING LIGHTING AND CONTROLS UNLESS NOTED OTHERWISE. PROVIDE NEW CONDUITS AND FEEDERS TO NEW TIMECLOCK AS NECESSARY.
  - 5 EXISTING LIGHTING NOT ASSOCIATED WITH OUR TENANT SPACE.

**ISSUE TABLE**

No.	Date (mm/dd/yy)	Description

**REVISIONS**

No.	Date	Description

**DRAWINGS REVISED AS PER DESIGN BULLETIN**

No.	Date	Description

THIS DRAWING IS OWNED BY OR LICENSED FOR USE BY POPEYES LOUISIANA KITCHEN (OR ITS AFFILIATED OR RELATED COMPANIES) AND MAY NOT BE REPRODUCED, USED, DOWNLOADED, DISSEMINATED, PUBLISHED OR TRANSFERRED IN ANY FORM OR BY ANY MEANS, EXCEPT WITH THE PRIOR WRITTEN CONSENT OF POPEYES LOUISIANA KITCHEN. COPYRIGHT INFRINGEMENT IS A VIOLATION OF FEDERAL LAW SUBJECT TO CRIMINAL AND CIVIL PENALTIES.

THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE POPEYES LOUISIANA KITCHEN REPRESENTATIVE PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS INDICATED BY POPEYES LOUISIANA KITCHEN AS ISSUED FOR CONSTRUCTION.



Company Logo

**WARMAN ARCHITECTURE + DESIGN**  
1735 SWIFT AVE.  
NORTH KANSAS CITY, MISSOURI 64116  
V. 816.474.2233 F. 816.474.1051

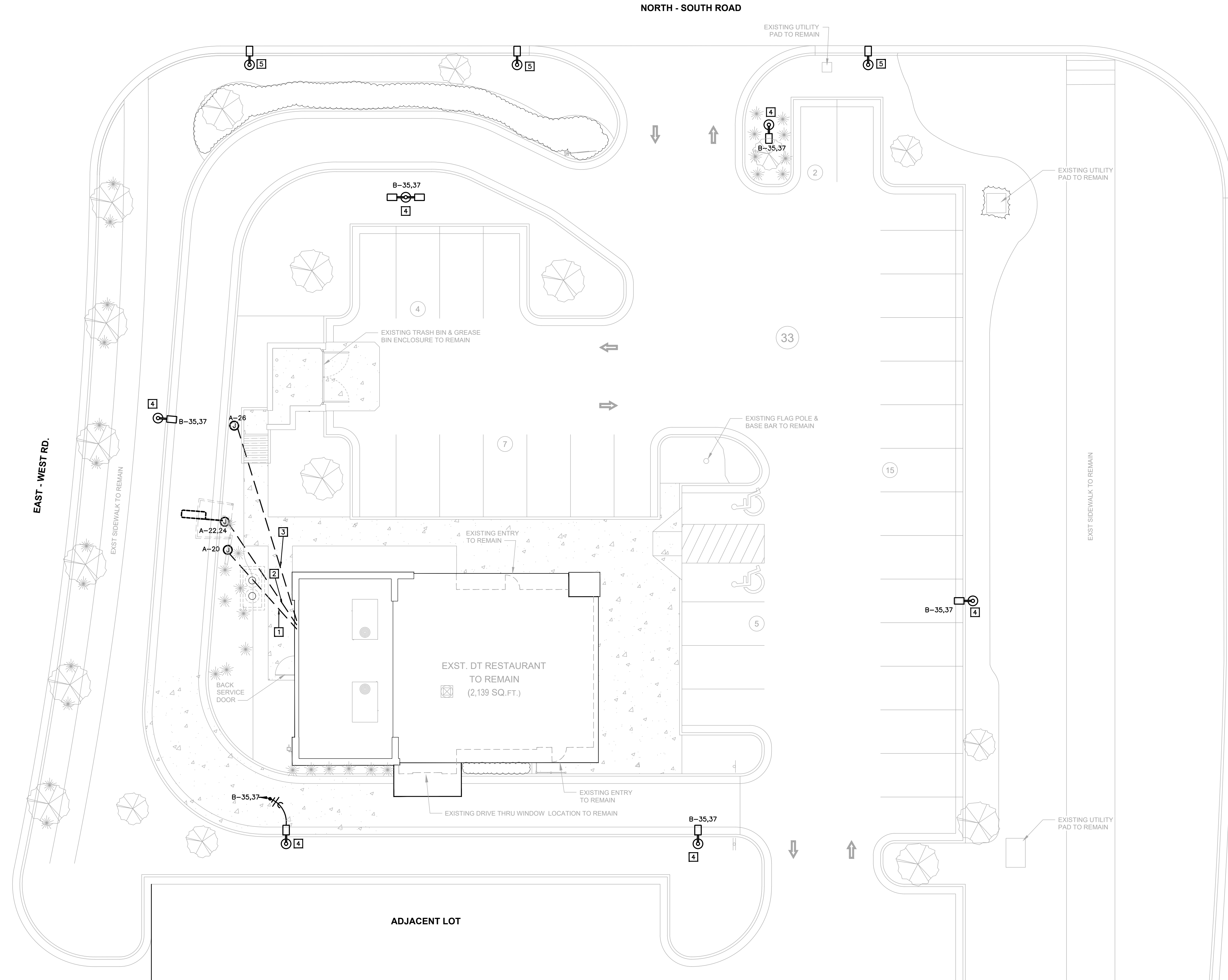


Store Type  
**REMODEL**  
(BASED ON US 2124 PROTOTYPE)

Location  
**440 NW Chipman Road**  
**Lee's Summit, MO 64063**

Drawing Title  
**ELECTRICAL SITE PLAN**

Drawn <b>XXX</b>	Checked <b>XXX</b>
Scale	Date <b>Nov 12, 2024</b>
Project No. <b>6091-24</b>	Drawing No. <b>ES1.0</b>



**01 ELECTRICAL SITE PLAN**  
3/32"=1'-0"

**CASE**  
Engineering Inc.

796 Merus Court  
St. Louis, MO 63026  
CERTIFICATE OF AUTHORITY NO. 001498

T 636.349.1600  
F 636.349.1730

POPEYES LOUISIANA KITCHEN MODEL 2124 - 10930 PARALLEL PARKWAY KANSAS CITY, KS. 2124 PROTOTYPE DOCUMENTS (OCT 27, 2021) STORE NO. XXXXX