

# FIVESTAR STORE #5150 NEWCOMB OIL CO., LLC

511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

## ARCHITECT:

KEYES ARCHITECTS AND ASSOCIATES  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213  
PH: (502) 636-5113  
CONTACT: HAROLD COX JR. PROJECT MANAGER  
EMAIL: HCOX@KEYESARCHITECTS.COM  
ARCHITECT: CHARLES J. KEYES III

## GENERAL CONTRACTOR:

BCD, INC.  
1962 FILIATREAU LANE  
BARDSTOWN, KENTUCKY 40004  
PH: (502) 348-2305  
WEB: www.bcdinc.com  
EMAIL:

## MEP ENGINEERS

CMTA Engineering Consultants  
10411 MEETING STREET  
PROSPECT, KENTUCKY 40059  
PH: (502)-326-3085  
WEB: cmtaengrs.com  
EMAIL:

## OWNER

NEWCOMB OIL COMPANY, LLC.  
951 WITHROW CT.  
BARDSTOWN, KENTUCKY 40004  
PH: (502)-348-3961

## CONSULTING ENGINEER

RICHARD BARRIOS  
10202 WORTHINGTON LANE  
PROSPECT, KENTUCKY 40059  
PH: (502)-873-5741  
RICHARD BARRIOS  
EMAIL: rbarrios6@att.com



### PROJECT INFORMATION

APPLICABLE BUILDING CODES  
BUILDING CODE IBC 2015 / KBC 2018  
ACCESSIBILITY CODE ADA 2010 / ANSI 2009  
ENERGY CODE IECC 2012

USE AND OCCUPANCY: M - MERCANTILE

CONSTRUCTION TYPE: V-B

#### BUILDING INFORMATION

BUILDING: 5,000 s.f.  
TOTAL BUILDING SIZE: 5,000 s.f.  
FIRE SUPPRESSION: NONE

### OCCUPANCY ALLOWANCE

FUNCTION OF SPACE	ALLOWANCE	AREA	OCCUPANCY
MERCANTILE	60 GROSS	5,000	83
TOTAL OCCUPANCY ALLOWANCE:			83

### REVISIONS:

NO.	DATE	DESCRIPTION
△	00-00-00	

### Sheet List Table

Sheet Number Sheet Title

T1.01 Title Sheet

Foundation Plans & Details

F1.01 Foundation Plan

F2.01 Foundation Details

Structural

S1.01 General Notes

S1.02 Structural Details

S1.03 Structural Details

S1.04 Low Roof Plan

S1.05 Structural Misc. Details

S1.06 Structural Sections & Details

S1.07 Structural Sections & Details

S3.01 Structural Sections & Details

Floor Plans

A1.01 Floor Plan

A1.02 Dimension Floor Plan

A1.03 Equipment & Casework Plan

A1.04 Finish Plan

A1.05 Reflected Ceiling Plan

A1.06 Roof Plan

Exterior Elevations

A2.01

A2.02 Exterior Elevations

A2.03 Interior Elevations

A2.04 Interior Elevations

A2.05 Interior Elevations

A2.06 Interior Elevations

Schedules and Standards

A3.03 Schedules

A3.04 Schedules

Details & Sections

A5.01 Building Sections

A5.02 Building Sections & Details

A5.03 Wall Sections & Details

A5.04 Wall Sections & Details

A5.05 Wall Sections & Details

A5.06 Wall Sections & Details

A5.07 Wall Sections & Details

A5.08 Wall Sections & Details

Mechanical

M1.01

M2.01 Floor Plan

M3.01 Mechanical Sections and

Details

Plumbing

P1.01 Plumbing Legend & Details

P2.01 Floor Plan - Sanitary, Waste &

Vent

P2.02 Floor Plan - Water & Gas

Electrical

E1.00 Electrical Lighting

E2.00 Electrical Power & Systems

E3.00 Electrical Riser Diagram

E4.00 Electrical Schedules

E5.00 Electrical Schedules

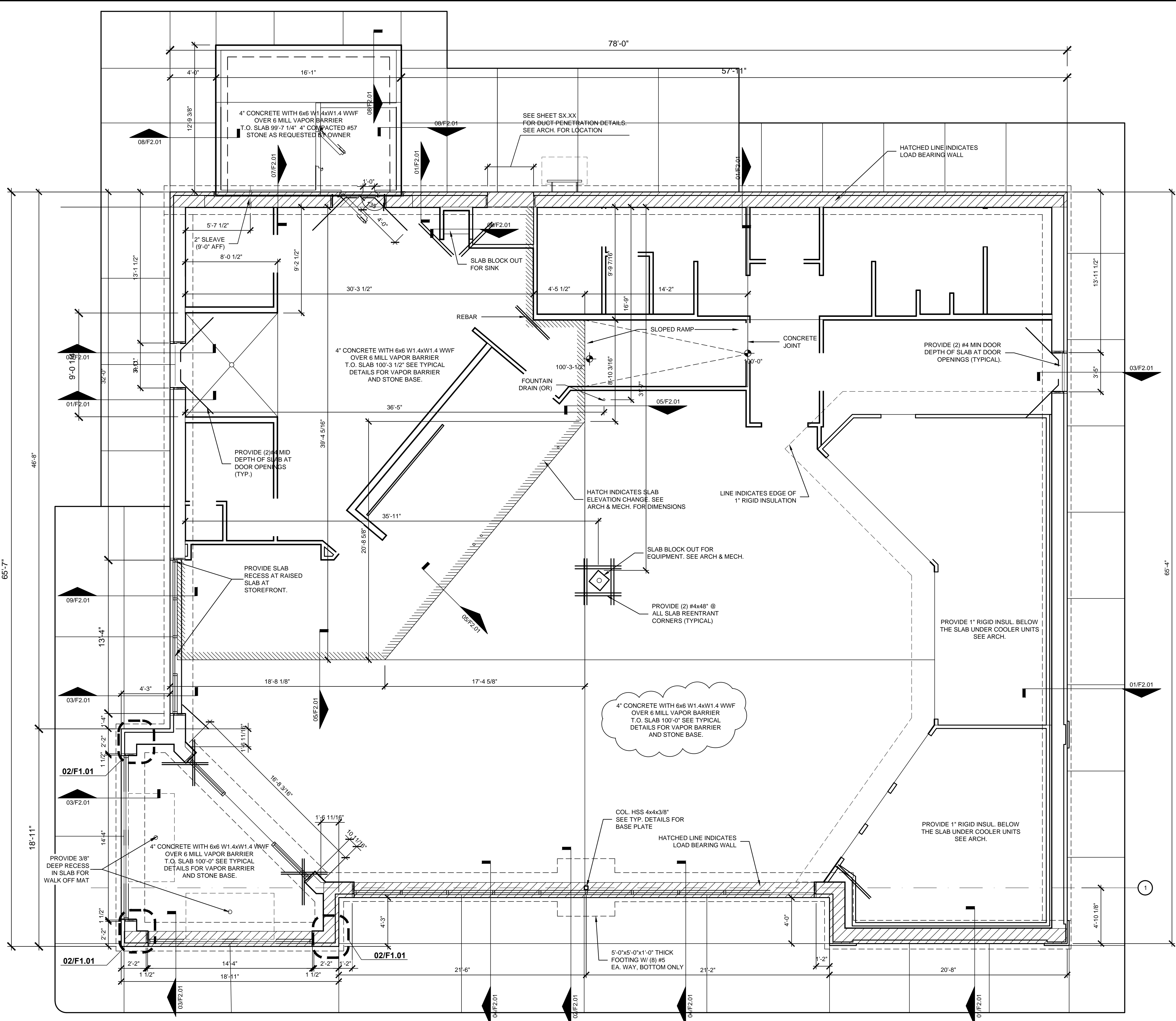
Specifications

SP1.01 Specifications

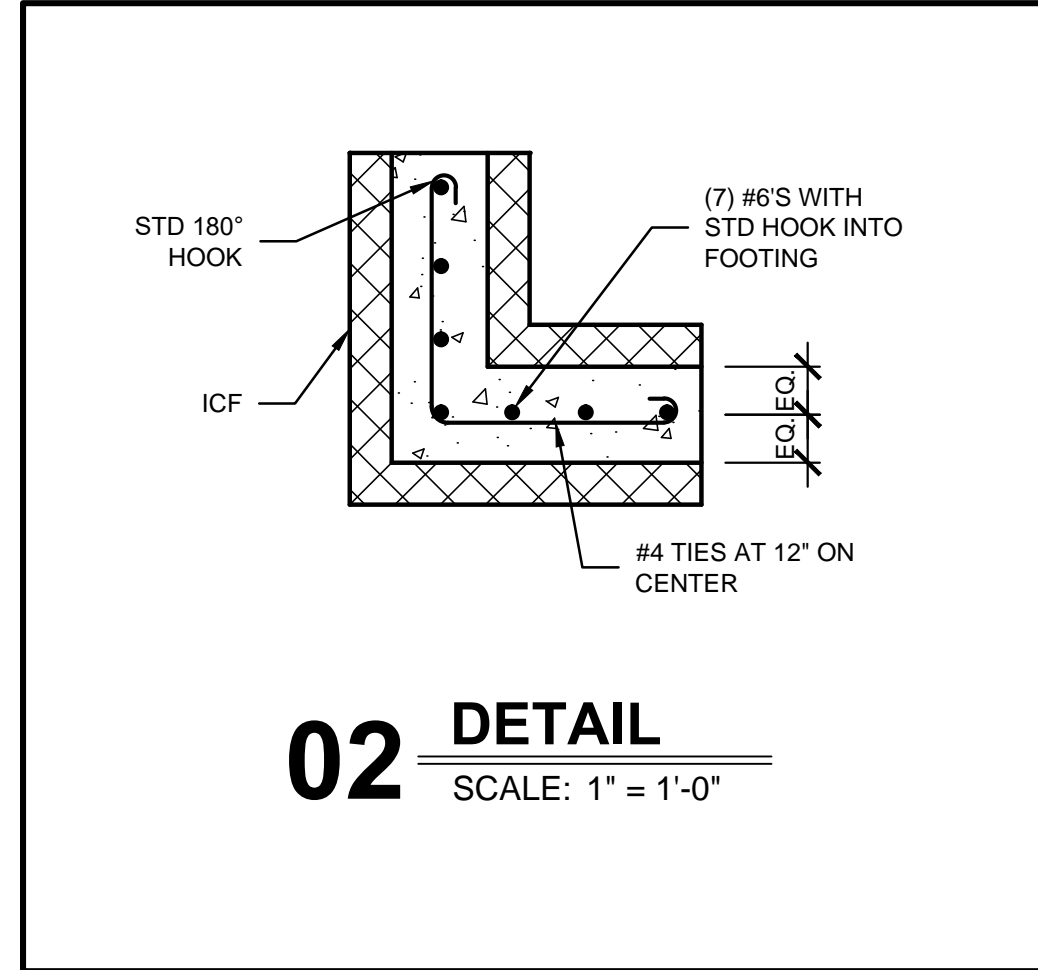
SP1.02 Specifications

SP1.03 Specifications

SP1.04 Specifications



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



**02 DETAIL**  
SCALE: 1" = 1'-0"

**NOTE:** GENERAL CONTRACTOR RESPONSIBLE FOR COORDINATION OF ALL SUB TRADES AND REQUIREMENTS BY OWNER  
**NOTE:** ELECTRICAL, HVAC AND PLUMBING TO BE RELOCATED PER FEDERAL, STATE AND LOCAL CODES. GENERAL CONTRACTOR TO COORDINATE.

Keys Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keys Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

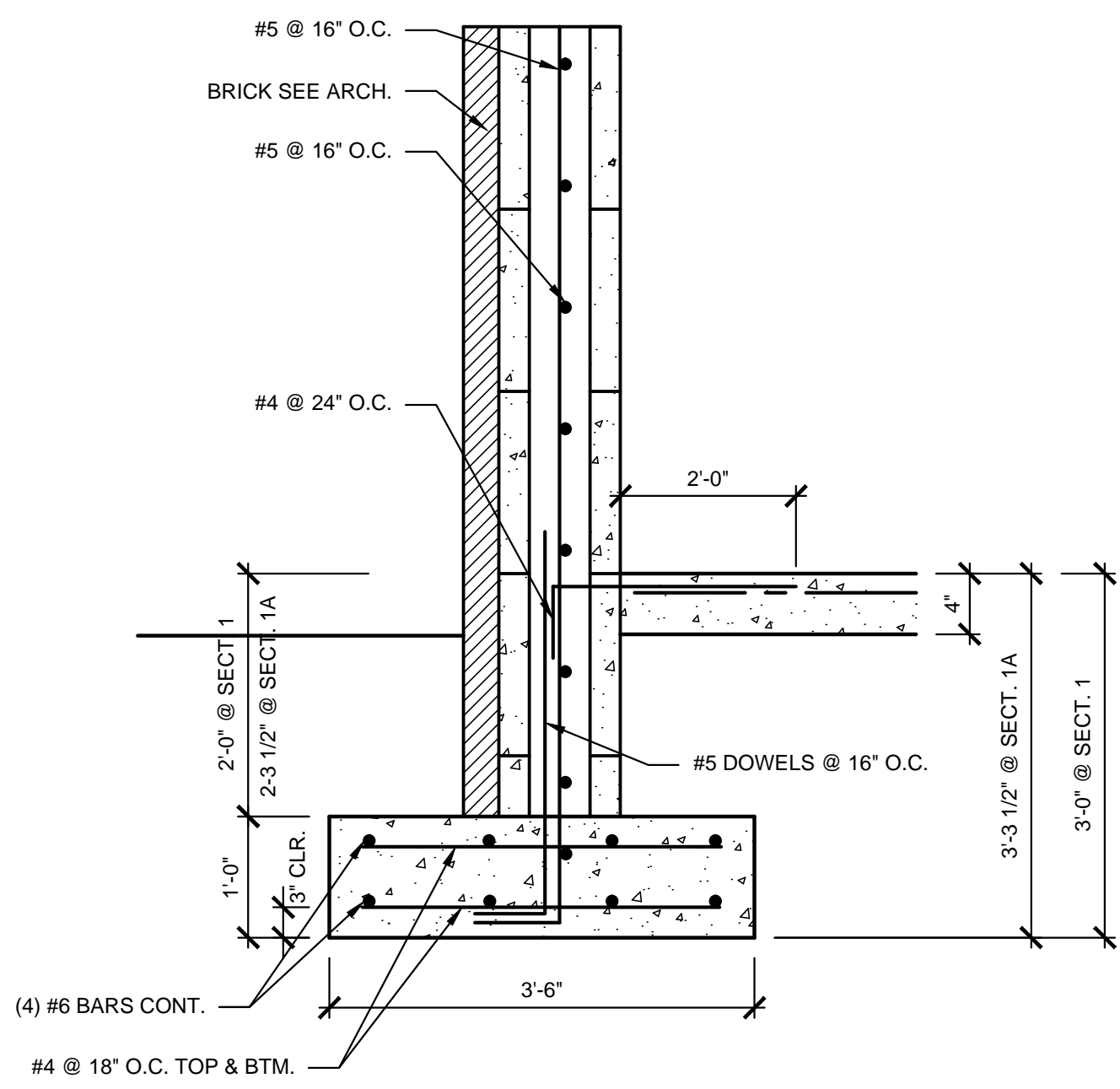
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

PROJECT: NEWCOMB OIL CO., LLC - FILE: F1.01 Foundation Plan.dwg - DATE: Apr 27, 2021 4:27PM - BY: HAROLD COX

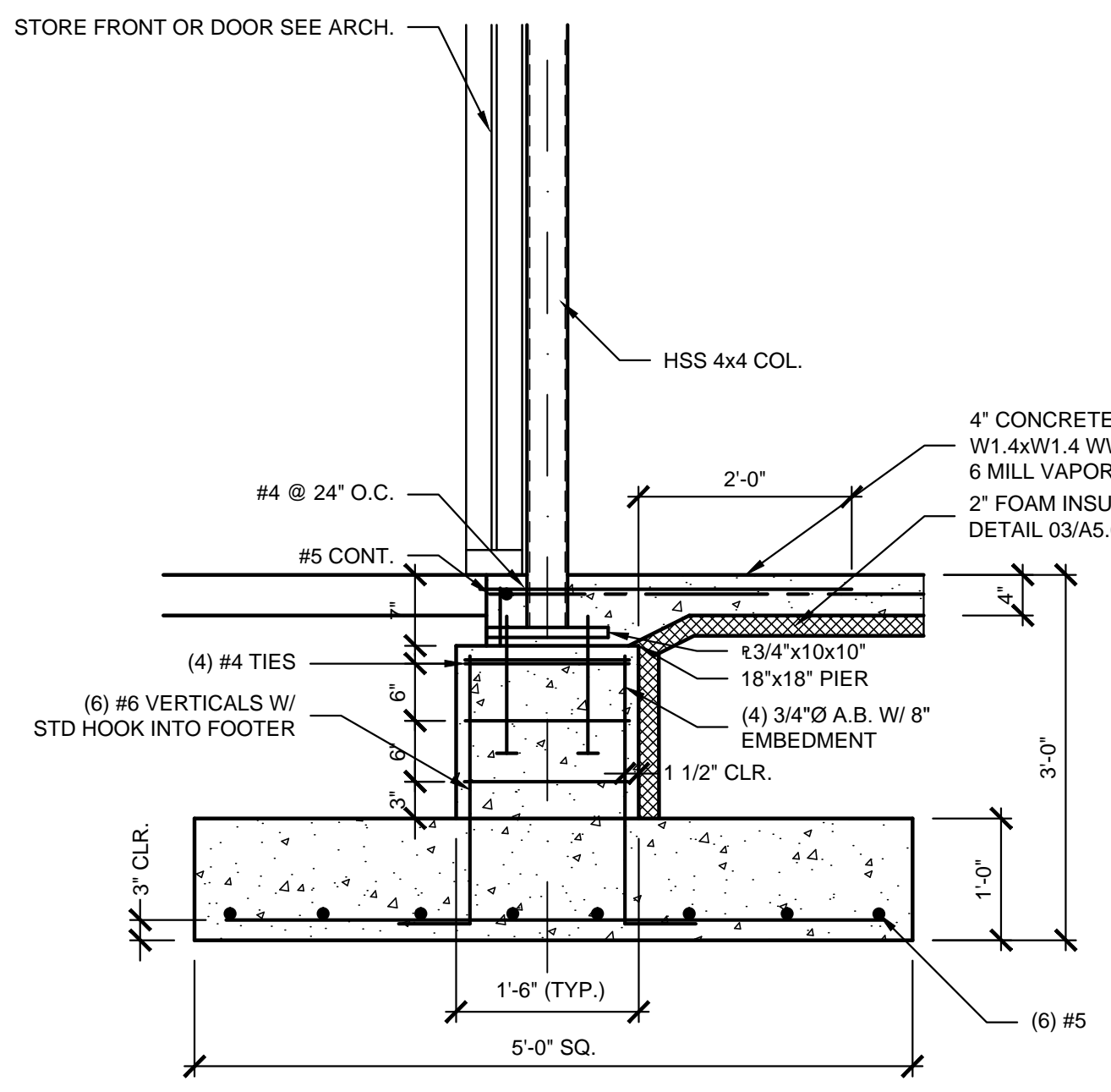


**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

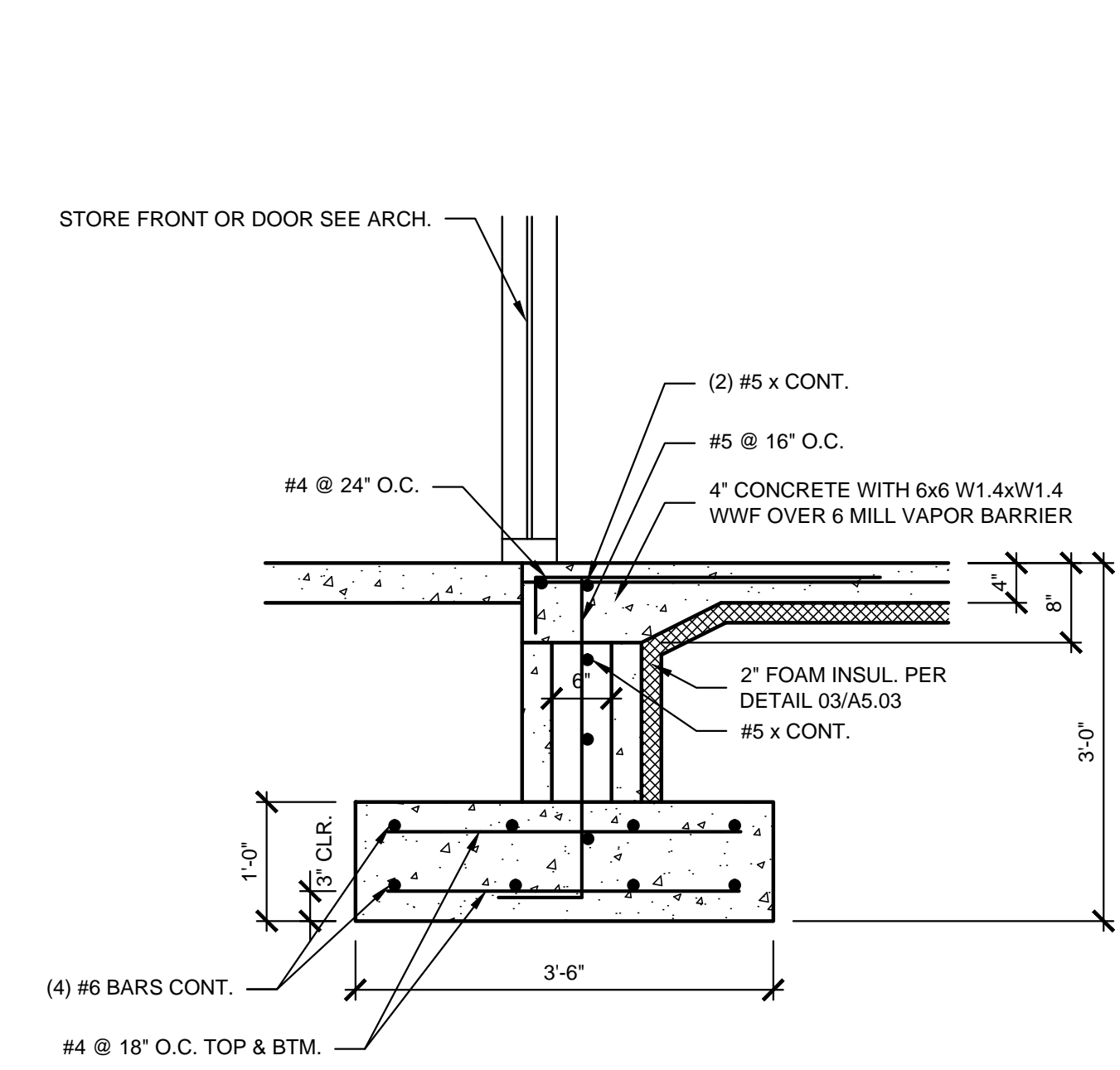
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539



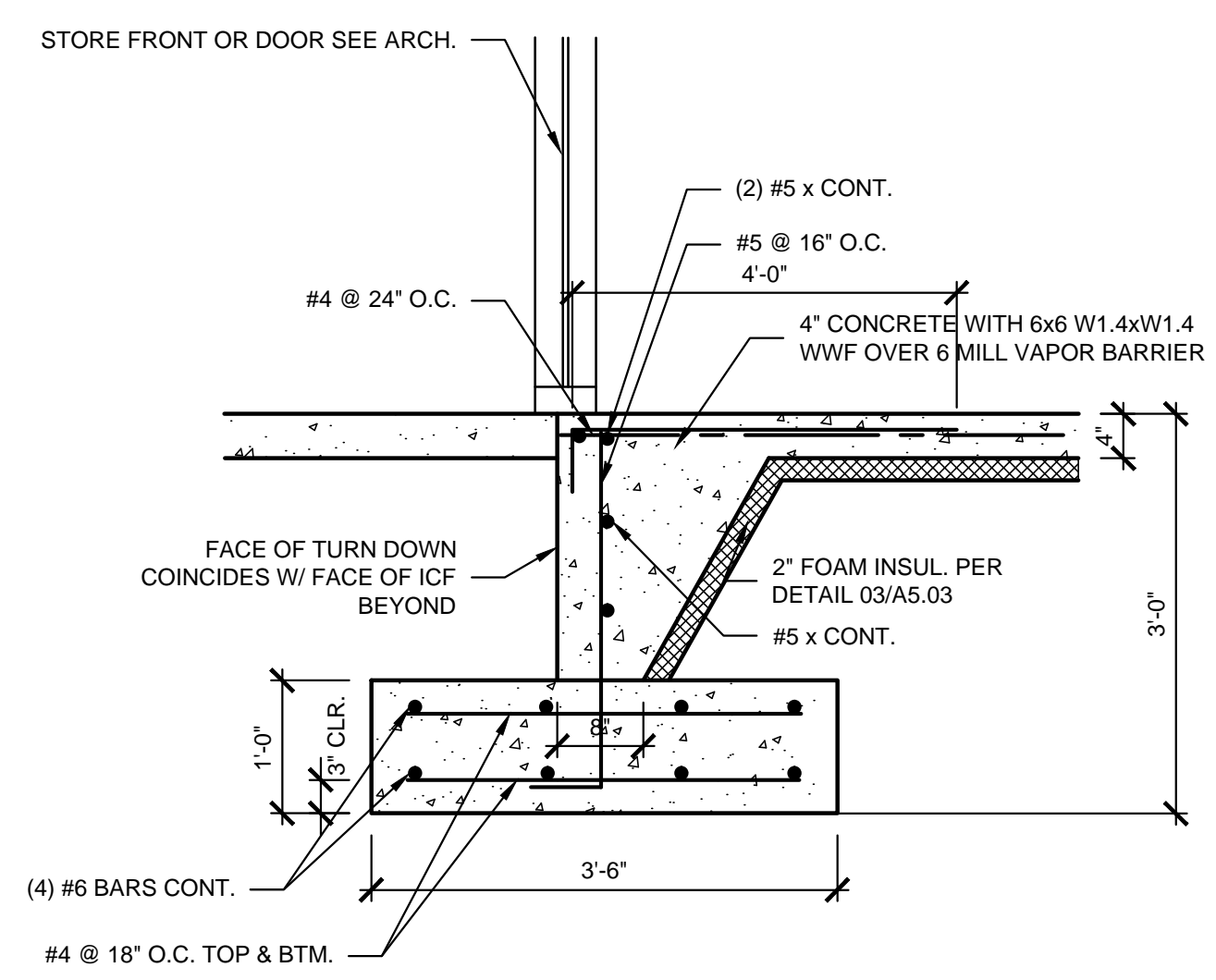
**01/01A SECTION**  
SCALE: 3/4" = 1'-0"



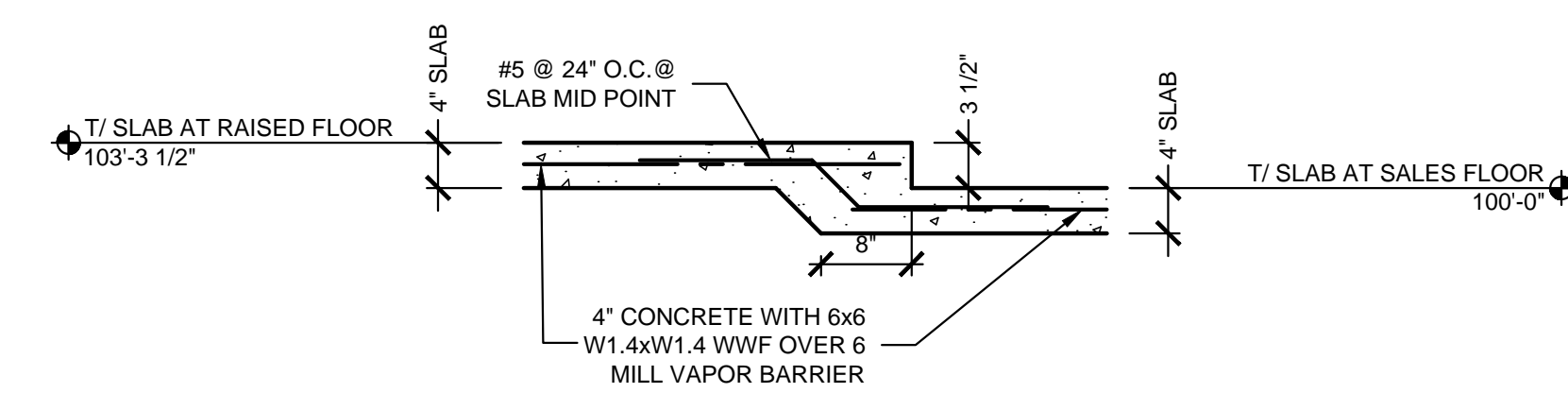
**02 SECTION**  
SCALE: 3/4" = 1'-0"



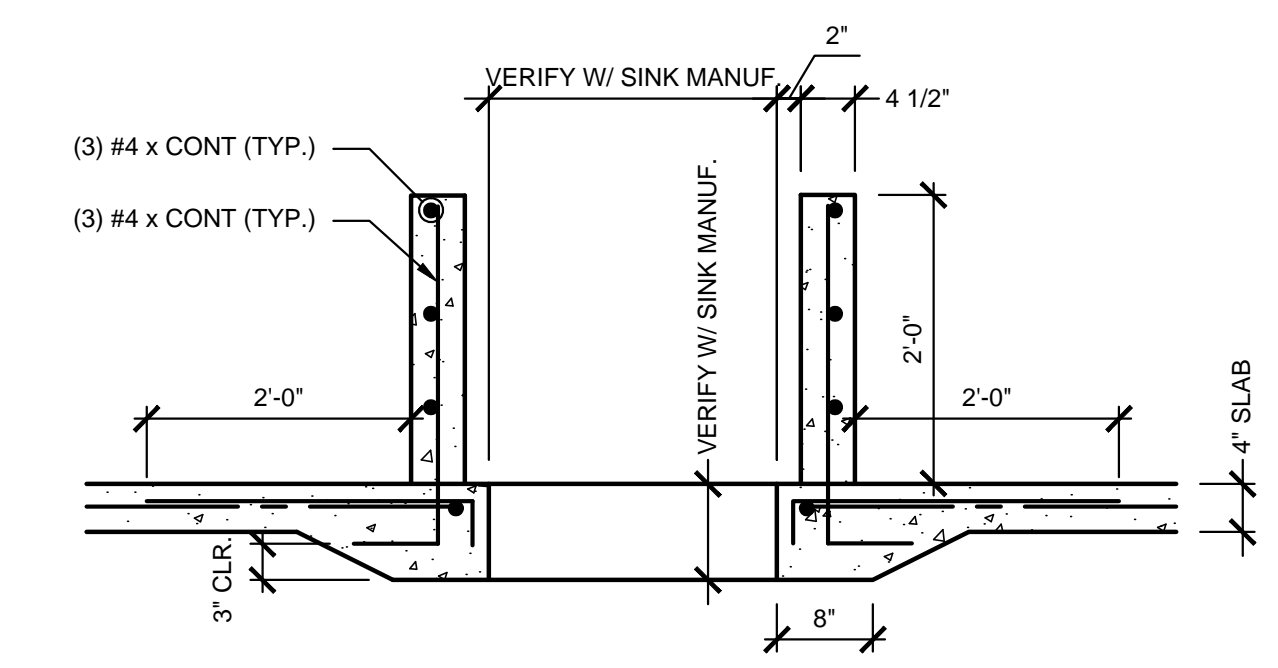
**03 SECTION**  
SCALE: 3/4" = 1'-0"



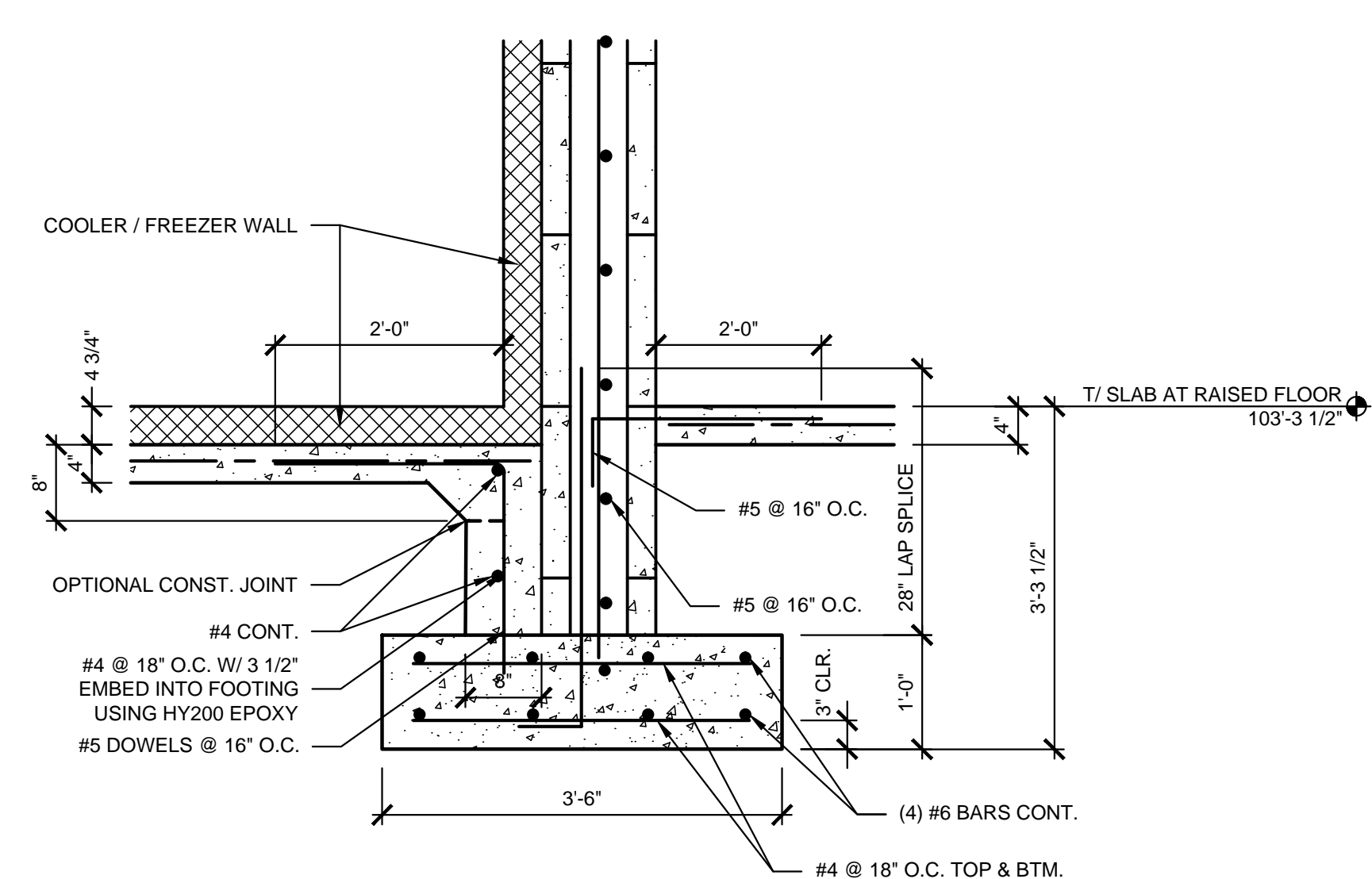
**04 SECTION**  
SCALE: 3/4" = 1'-0"



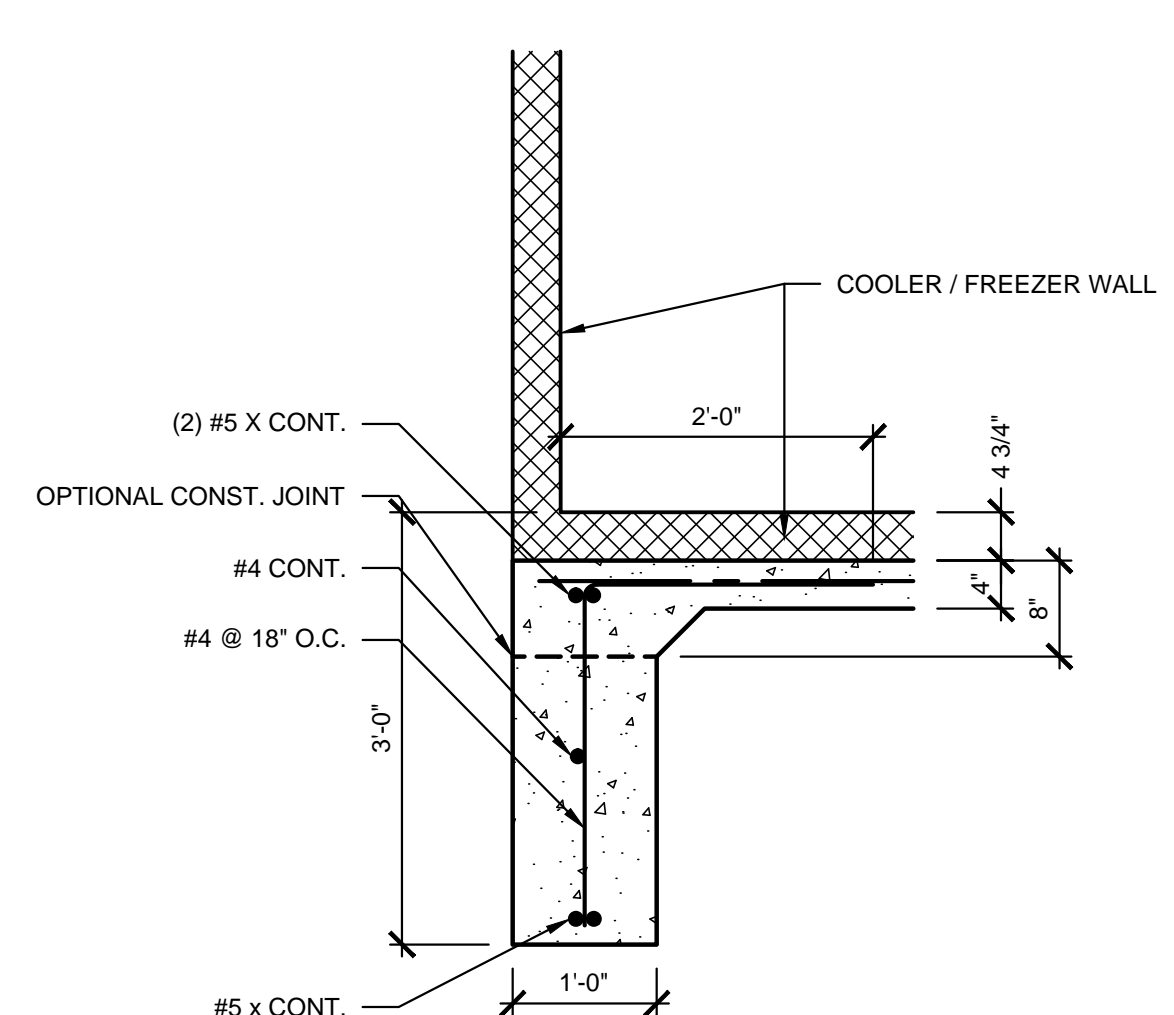
**05 SECTION**  
SCALE: 3/4" = 1'-0"



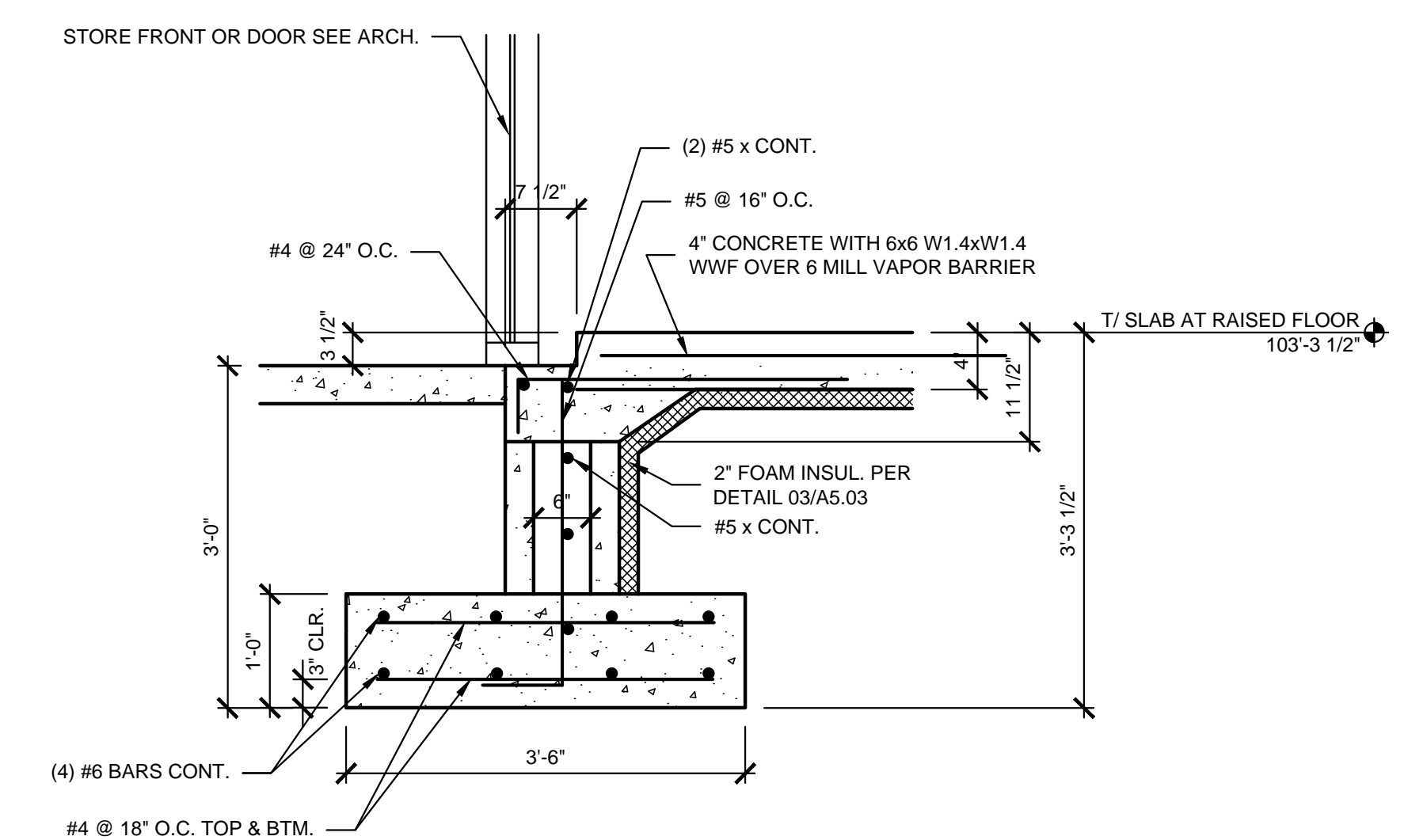
**06 SECTION**  
SCALE: 3/4" = 1'-0"



**07 SECTION**  
SCALE: 3/4" = 1'-0"



**08 SECTION**  
SCALE: 3/4" = 1'-0"



**09 SECTION**  
SCALE: 3/4" = 1'-0"

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

GENERAL NOTES:

BUILDING CODE, 2018 KENTUCKY BUILDING CODE (2015 IBC).

- 1. MINIMUM DESIGN LIVE LOADS:
MINIMUM ROOF LIVE LOAD: 20 PSF
SLAB ON GRADE: 100 PSF
2. SNOW LOADS:
GROUND SNOW LOAD: 15 PSF
FLAT ROOF SNOW LOAD: 15.5 PSF
EXPOSURE FACTOR: 1.0
THERMAL FACTOR: 1.0
IMPORTANCE FACTOR: 1.0
3. WIND LOADS:
BASIC WIND SPEED: 115 MPH

UPLIFT INFORMATION:
BECAUSE OF THE MATERIALS, STRUCTURE AND COVERINGS AND THE LOCAL LOW WIND SPEED THE ENGINEER (RICHARD BARRIOS, LOUISVILLE KY) IS SAYING THAT THE UPLIFT IS A NET OF (0) OR BETTER.

Table with 2 columns: Factor/Requirement and Value. Includes Wind Directionality Factor (0.85), Exposure (C), Topographic Factor (1.0), Internal Pressure Coefficient (±0.18), Gust Effect Factor (0.85), Seismic (Kentucky County: Davies, Spectral Response Acceleration Coefficient: 0.438g), and Response Modification Coefficient (5).

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DETAILS AND DIMENSIONS. ANY DISCREPANCY BETWEEN SUCH DETAILS AND DIMENSIONS AS MAY OCCUR SHALL BE REPORTED TO THE ARCHITECT FOR CLARIFICATION BEFORE WORK PROCEEDS.

FOUNDATION DESIGN:

- 1. ALLOWABLE SOIL BEARING CAPACITY (PER SOILS REPORT):
COLUMN FOOTINGS: 1,800 PSF WALL FOOTINGS: 1,200 PSF
2. ALLOWABLE SOIL BEARING PRESSURES AND SEISMIC SOIL CLASSIFICATION NOTED ABOVE ARE ASSUMED AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION.

CONCRETE GENERAL:

- 1. ALL STRUCTURAL CONCRETE (INCLUDING SLABS ON GRADE, FOUNDATIONS, FOUNDATION WALLS, ICF WALLS, ETC.) SHALL BE NORMAL WEIGHT AND SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
2. MATERIAL PROPERTIES - REINFORCING AND CONNECTION STEEL:

Table with 3 columns: Requirement, Fy (psi), and ASTM. Lists properties for All Bars, U.N. (60,000), Welded Wire Reinforcement (65,000), and Deformed Anchor Bars (70,000).

- 3. LAP LENGTHS OF BAR SPLICES SHALL BE AS FOLLOWS: #3 = 15", #4 = 20", #5 = 25", #6 = 30".
4. DETAILING, FABRICATION AND PLACING OF REINFORCING SHALL CONFORM TO APPLICABLE PROVISIONS OF ACI 315 AND ACI 318.
5. SLABS, FOOTINGS SHALL HAVE NO HORIZONTAL JOINTS. ANY STOP IN CONCRETE WORK MUST BE MADE NEAR CENTER OF SPAN, OR AS INDICATED ON THE DRAWINGS, WITH VERTICAL KEED BULKHEADS.
6. BEFORE PLACING CONCRETE, THE CONTRACTOR SHALL NOTIFY ALL SUB-CONTRACTORS TO BE SURE ALL SLEEVES, CONDUIT, CHASES, EMBEDS, EQUIPMENT ANCHOR BOLTS, ETC., ARE PROPERLY INSTALLED.
7. ATTENTION IS CALLED TO THE FACT THAT ANY CONCRETE THAT WILL BE EXPOSED MUST HAVE SPECIAL CARE TAKEN TO PREVENT EXPOSURE OF THE TIE WIRE OR OTHER MATERIAL THAT MAY CAUSE STAINING.
8. ANCHOR BOLTS FOR ALL COLUMNS AND EQUIPMENT SHALL BE SET BY TEMPLATE AND SHALL BE WIRED IN PLACE.

CONCRETE PRODUCTS:

- 1. PORTLAND CEMENT TYPE 1, ASTM C150.
2. FLYASH ASTM C618, TYPE "C" OR TYPE "F", IF USED, QUANTITY SHALL NOT BE LESS THAN 15% NOR MORE THAN 25% BY WEIGHT OF TOTAL CEMENTITIOUS MATERIALS.
3. AIR ENTRAPMENT ADMIXTURE, ASTM C260.
4. WATER REDUCING ADMIXTURE: ASTM C494, TYPE "A".
5. HIGH RANGE WATER REDUCING ADMIXTURE, ASTM C494, TYPE "F" OR TYPE "G".
6. WATER REDUCING NON-CORROSIVE, NON-CHLORIDE ACCELERATOR ADMIXTURE, ASTM C494 TYPE "C" OR TYPE "E".
7. WATER REDUCING, RETARDING ADMIXTURE, ASTM C494 TYPE "D".
8. PROHIBITED ADMIXTURES ARE ANY THAT CONTAIN CALCIUM CHLORIDE, THIOCYANATES OR MORE THAN 0.05% CHLORIDE IONS.

CONCRETE MIX DESIGNS:

- 1. MAXIMUM W/C RATIO - 0.45
2. MINIMUM CEMENTITIOUS MATERIALS CONTENT, LB/CY BASED ON MAXIMUM AGGREGATE SIZE:
1.5 INCHES 470 LB/CY
1.0 520
0.75 540
0.375 610
3. AIR ENTRAPMENT 5% ± 1% FOR EXTERIOR CONCRETE EXPOSED TO FREEZING.
4. SLUMP AT POINT OF DISCHARGE: 4" ±1" (7" MAX SLUMP WITH WATER REDUCING ADMIXTURE).
5. DO NOT ADD WATER TO CONCRETE DURING DELIVERY. WATER MAY BE ADDED ON SITE ONLY IF A TICKET WITH THE WATER UNDER RUN NOTED IS PROVIDED.
6. CLEAR COVER FOR STEEL REINFORCEMENT:
6.1. IN EXTERIOR FACE OF CONCRETE = 3"
6.2. IN INTERIOR FACE OF CONCRETE = 1.5"

CONCRETE PLACEMENT:

- 1. BEFORE PLACING CONCRETE, INSPECT AND COMPLETE FORMWORK INSTALLATION. VERIFY REINFORCING STEEL PLACEMENT, SIZES, SPLICES AND EMBEDS TO BE CAST IN.
2. COMPLY WITH ACI 304R "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE".
3. DEPOSIT AND CONSOLIDATE CONCRETE IN FORMS IN HORIZONTAL LAYERS NOT DEEPER THAN 18" AND IN A MANNER TO PREVENT INCLINED CONSTRUCTION JOINTS.
4. DEPOSIT AND CONSOLIDATE SLABS IN A CONTINUOUS OPERATION WITHIN LIMITS OF CONSTRUCTION JOINTS UNTIL PLACEMENT OF PANEL OR SECTION IS COMPLETED.
5. PROTECT CONCRETE FROM PHYSICAL DAMAGE OR REDUCED STRENGTH WHICH COULD BE CAUSED BY FROST, FREEZING ACTIONS OR LOW TEMPERATURES IN COMPLIANCE ACI 306R.
6. WHEN HOT WEATHER CONDITIONS EXIST THAT WOULD IMPAIR QUALITY AND STRENGTH OF CONCRETE, PLACE CONCRETE IN COMPLIANCE WITH ACI 305R.
7. CONSOLIDATE CONCRETE BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING OR RODDING OR TAMPING.

FINISH OF HORIZONTAL CONCRETE SURFACES:

- 1. EXTERIOR SLABS UNDER CANOPY SHALL RECEIVE A FINE BROOM FINISH. APPLY A TROWEL FINISH, STOPPING AFTER A SECOND TROWELING, AND WHEN CONCRETE IS STILL PLASTIC, SLIGHTLY SCARIFY SURFACE WITH FINE BROOM.
2. INTERIOR SLABS SHALL RECEIVE A TROWEL FINISH, APPLY HARD TROWEL FINISH TO SLAB ON GRADE.
3. WATER SHALL NOT BE APPLIED TO HORIZONTAL SURFACES TO RETEMPER PRIOR TO FINISHING.
4. DRY CEMENT SHALL NOT BE ADDED TO HORIZONTAL SURFACES TO STIFFEN SURFACE PRIOR TO FINISH.
5. CONTROL JOINTS FOR SIDEWALKS HAL BE PROVIDED BY SAW CUTTING TO A MINIMUM DEPTH OF 1/4" x SLAB THICKNESS.

CONCRETE CURING AND PROTECTION:

- 1. PROTECT CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES.
2. START INITIAL CURING IMMEDIATELY AFTER FINAL FINISHING IS COMPLETE. CURE CONCRETE WITH KURE N HARDEN BY SONNERBORNE.

QUALITY CONTROL TESTING OF CONCRETE DURING CONSTRUCTION:

- 1. THE OWNER MAY RETAIN A TESTING LABORATORY TO PERFORM TESTS AND TO SUBMIT TEST REPORTS. THE CONTRACTOR SHALL ALLOW TESTING AGENCY ACCESS TO ALL MATERIALS AND SHALL ASSIST IN OBTAINING SAMPLES.
2. TESTING AGENCY HAS THE AUTHORITY TO REJECT A LOAD OF CONCRETE THAT DOES NOT MEET SPECIFICATIONS. REJECTED CONCRETE SHALL BE REPLACED AT NO COST TO THE OWNER.

STRUCTURAL STEEL:

- 1. STRUCTURAL STEEL HAS BEEN DESIGNED AND SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC SPECIFICATION FOR THE STRUCTURAL STEEL BUILDINGS 15TH ADDITION.
2. ALL MATERIALS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS: LATEST EDITIONS OF THE 2018 KENTUCKY BUILDING CODE SHALL BE APPLY:

Table with 2 columns: Material Type and Specification. Lists Structural Wide Flange Shapes (ASTM A992), Plate & Misc. Items (ASTM A36), Anchor Bolts (A36 or A307), Structural Tubing & Pipe (ASTM A500, Grade "B"), and Welding Electrodes (E70XX).

- 3. ALL BOLTED CONNECTIONS SHALL BE DESIGNED BY THE FABRICATOR IN ACCORDANCE WITH THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 BOLTS" USING 3/4" INCH DIAMETER BOLTS.
4. ALL WELDING SHALL BE IN ACCORDANCE WITH "THE STRUCTURAL WELDING CODE" AWS D1.1.
5. ALL CONNECTIONS SHALL BE DESIGNED FOR 1/2" OF THE MAXIMUM UNIFORM LOAD FOR THE SIZE, SPAN, AND GRADE OF STEEL LISTED IN TABLE 3-6 "MAXIMUM TOTAL UNIFORM LOAD" FROM THE AISC MANUAL (15TH EDITION) UNLESS OTHERWISE NOTED.
6. ALL CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND ERECTION OF STEEL SHALL BE VERIFIED.
7. GROUT SHALL BE PRE-MIXED, NON-METALLIC, NON-CORROSIVE, NON-STAINING PRODUCT CONTAINING SELECTED SILICA SANDS, PORTLAND CEMENT, SHRINKAGE COMPENSATING AGENTS, PLASTICIZING AND WATER REDUCING AGENTS.
8. BEFORE SHIPPING FROM THE STEEL SHOP ALL STEEL SHALL BE CLEANED. REMOVE HEAVY RUST AND MILL SCALE.
9. IMMEDIATELY AFTER CLEANING APPLY MANUFACTURERS OR FABRICATOR'S STANDARD, FAST CURING, LEAD FREE, UNIVERSAL MODIFIED ALKYD PRIMER.

STEEL JOISTS:

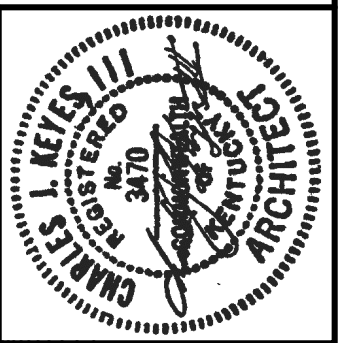
- 1. ALL STEEL JOISTS, JOIST GIRDERS, REQUIRED ACCESSORIES SHALL BE DESIGNED, DETAILED AND FABRICATED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR OPEN WEB STEEL JOISTS.
2. PROVIDE JOISTS FABRICATED IN COMPLIANCE WITH THE STEEL JOIST INSTITUTE (SJI) STANDARD SPECIFICATIONS, LOAD TABLES AND WEIGHT TABLES FOR: OPEN WEB STEEL JOISTS (K-SERIES) AND LONGSPAN STEEL JOISTS (LH SERIES).
3. EXTENT OF WORK IS INDICATED ON THE PLANS INCLUDING BASIC LAYOUT AND TYPE OF JOISTS REQUIRED.
4. JOISTS SHALL BE DESIGNED BY JOIST MANUFACTURER TO INSURE THAT CHORD MEMBERS ARE SUFFICIENT TO WITHSTAND FORCES INDICATED ON THE DRAWINGS.
5. DESIGN AND FABRICATE STEEL JOISTS IN ACCORDANCE WITH SJI SPECIFICATIONS, INCLUDING HEADERS AND OTHER SUPPORT FRAMING.
6. PROVIDE HORIZONTAL OR DIAGONAL LINE BRIDGING FOR JOISTS, COMPLYING WITH SJI "SPECIFICATIONS".
7. PROVIDE END ANCHORAGES TO SECURE JOISTS TO ADJACENT CONSTRUCTION.
8. CAMBER JOISTS TOM ALLOW FOR DEAD-LOAD DEFLECTION AS PROVIDED IN THE SJI "STANDARD SPECIFICATIONS".
9. REMOVE LOOSE SCALE, HEAVY RUST, AND OTHER FOREIGN MATERIALS FROM THE FABRICATED JOISTS AND ACCESSORIES BEFORE APPLICATION OF SHOP PAINT.

STEEL DECKING:

- 1. COMPLY WITH PROVISIONS OF THE FOLLOWING CODES AND STANDARDS, EXCEPT AS OTHERWISE INDICATED OR SPECIFIED:
A. ANSI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
B. AWS "STEEL WELDING CODE".
C. SDI "DESIGN MANUAL FOR FLOOR AND ROOF DECKS".
2. PROTECT DECKING FROM CORROSION (WHITE RUST), DEFORMATION AND OTHER DAMAGE DURING DELIVERY, STORAGE AND HANDLING.
3. BASIC STEEL SHALL BE FLAT ROLLED, GALVANIZED SHEETS OF STRUCTURAL QUALITY, MEETING THE REQUIREMENTS OF ASTM A653.
4. ROOF DECKING SHALL BE A MINIMUM OF 20 GAUGE METAL DECK, TYPE "B" WIDE RIB, WITH A FABRICATED DEPTH OF 1-1/2" INCHES.
5. FABRICATE METAL DECKING IN ACCORDANCE WITH SDI DESIGN MANUAL TO ACCOMMODATE MAXIMUM WORKING STRESS OF 0.6FY AND MAXIMUM SPAN DEFLECTION OF L/240.
6. ERECT AND ATTACH METAL DECKING IN ACCORDANCE WITH SDI DESIGN MANUAL FOR FLOOR AND ROOF DECK.
7. STEEL ROOF DECK UNITS SHALL BE ANCHORED TO SUPPORTING STRUCTURAL STEEL MEMBERS TO PROVIDE LATERAL STABILITY TO THE TOP FLANGE OF THE SUPPORTING STRUCTURAL MEMBERS.
8. INSTALL 6" INCH WIDE 18ga SHEET STEEL COVER PLATES WHERE DECK CHANGES DIRECTION.
9. AFTER DECKING INSTALLATION, WIRE BRUSH, CLEAN AND PAINT SCARRED AREAS, WELDS AND RUST SPOTS ON TOP AND BOTTOM SURFACES OF DECKING UNITS AND SUPPORTING STEEL MEMBERS.

PROJECT: NEWCOMB OIL CO., LLC - FILE: S1.01 General Notes.dwg - DATE: Apr 27, 2021 4:7PM - BY: HAROLD COX

PROJECT NO: 21-4154
DRAWN BY: HWC/
DATE: 04-30-21



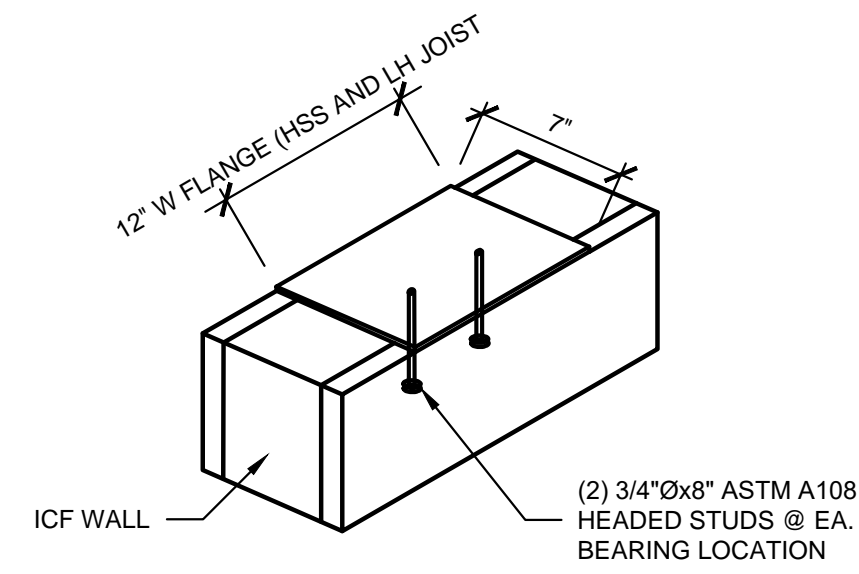
KEYES ARCHITECTS & ASSOCIATES
4717 PRESTON HIGHWAY
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150
NEWCOMB OIL CO., LLC
511 NORTH WALLACE BLVD.
LIBERTY KY 42539

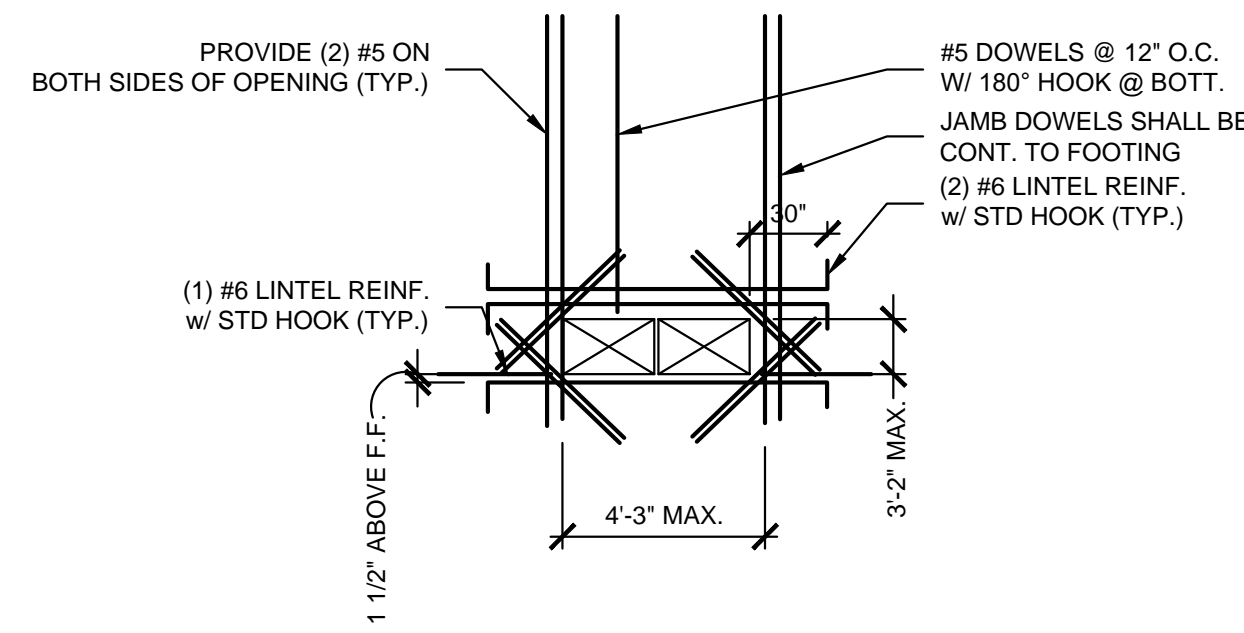
Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

GENERAL NOTES

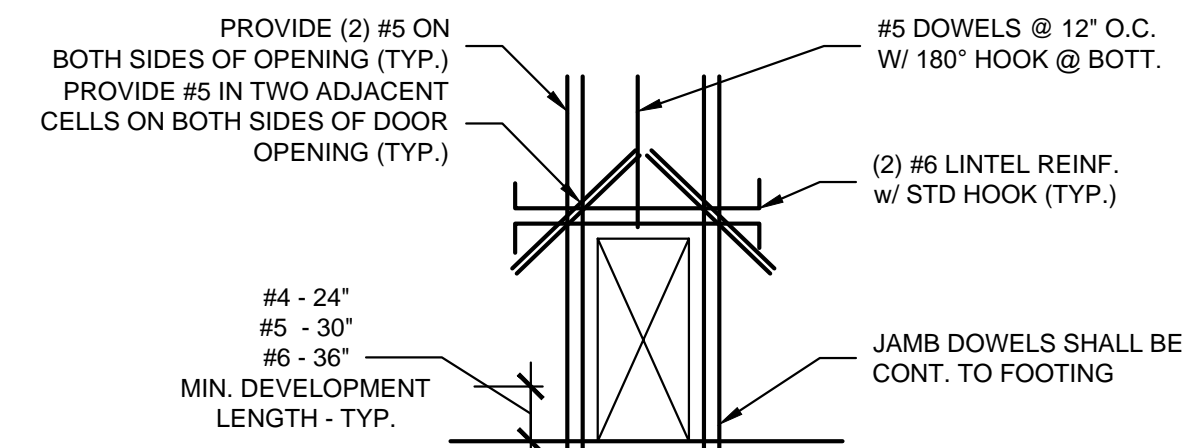
\$1.01



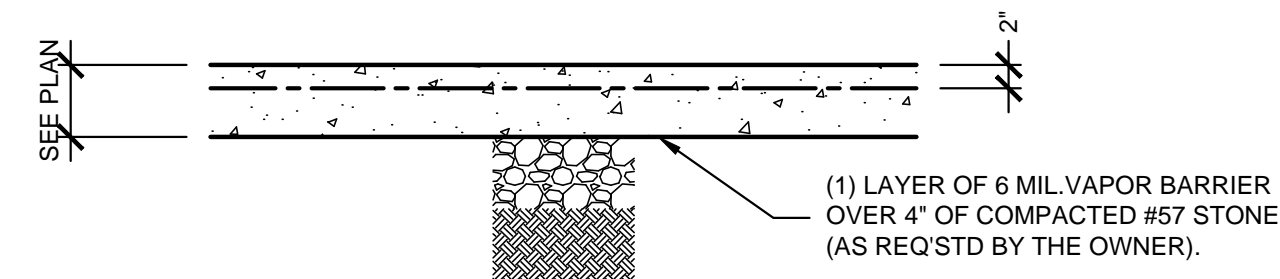
**01** TYP. WIDE FLANGE, HSS, AND JOIST BEARING PLT. DET.  
SCALE: 3" = 1'-0"



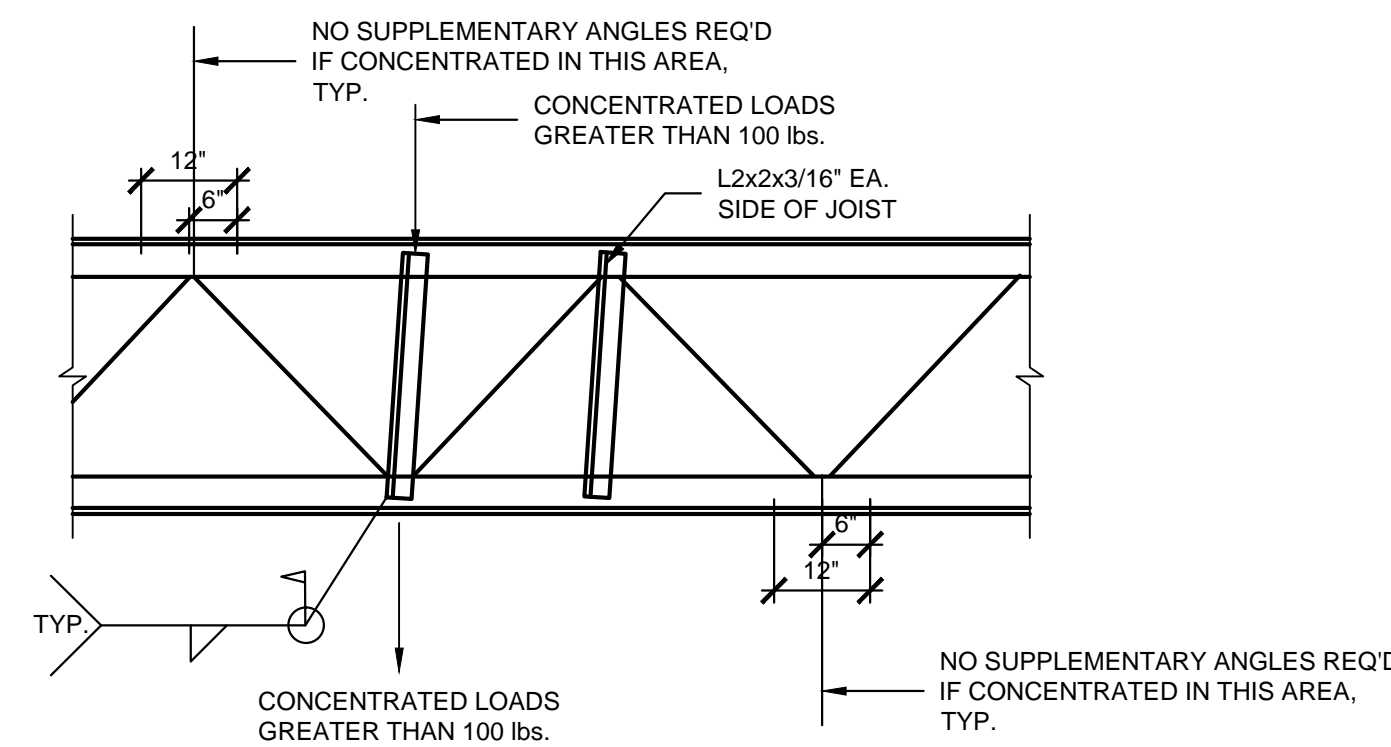
**02** TYP. REINFORCEMENT @ HVAC OPENING IN ICF  
SCALE: 3" = 1'-0"



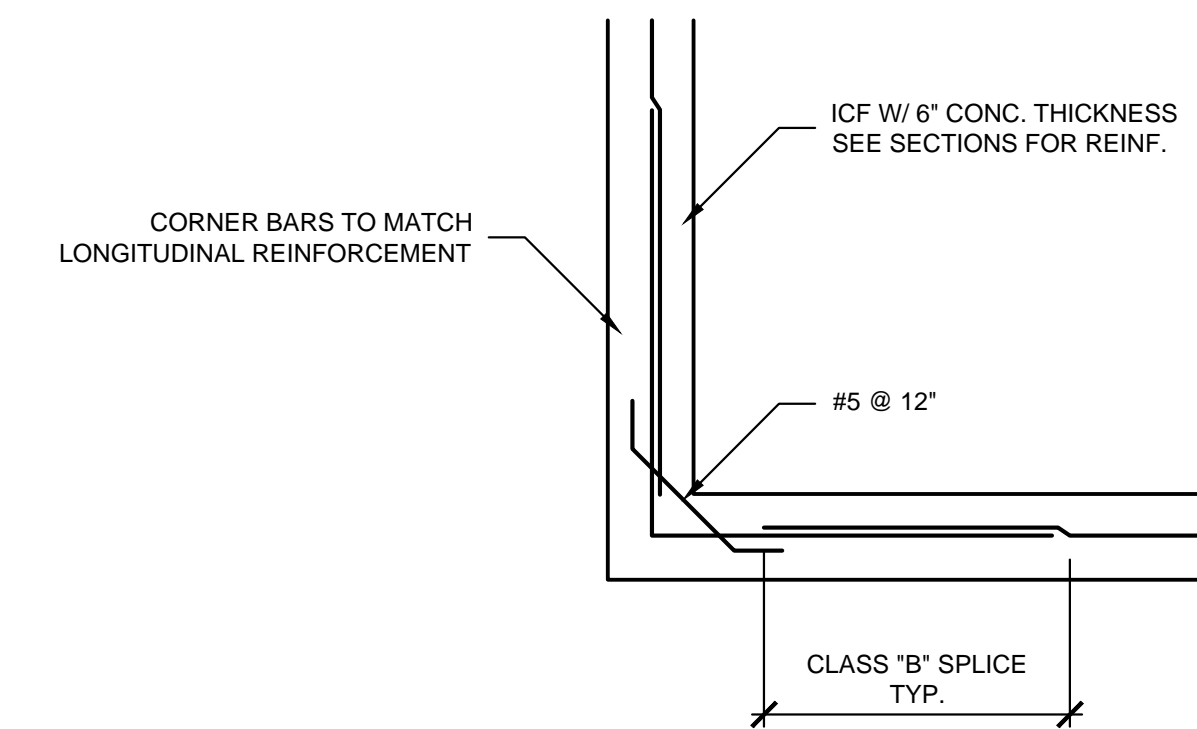
**03** TYP. AROUND DOOR/STOREFRONT OPENING IN ICF  
SCALE: 3" = 1'-0"



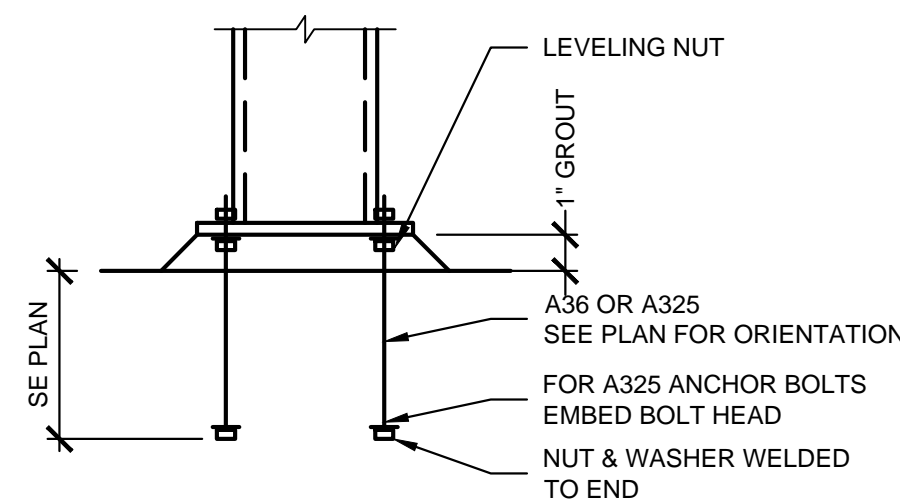
**04** TYP. SLAB ON GRADE, SUB-GRADE, VAPOR BARRIER AND CONTROL JOINT  
SCALE: 3" = 1'-0"



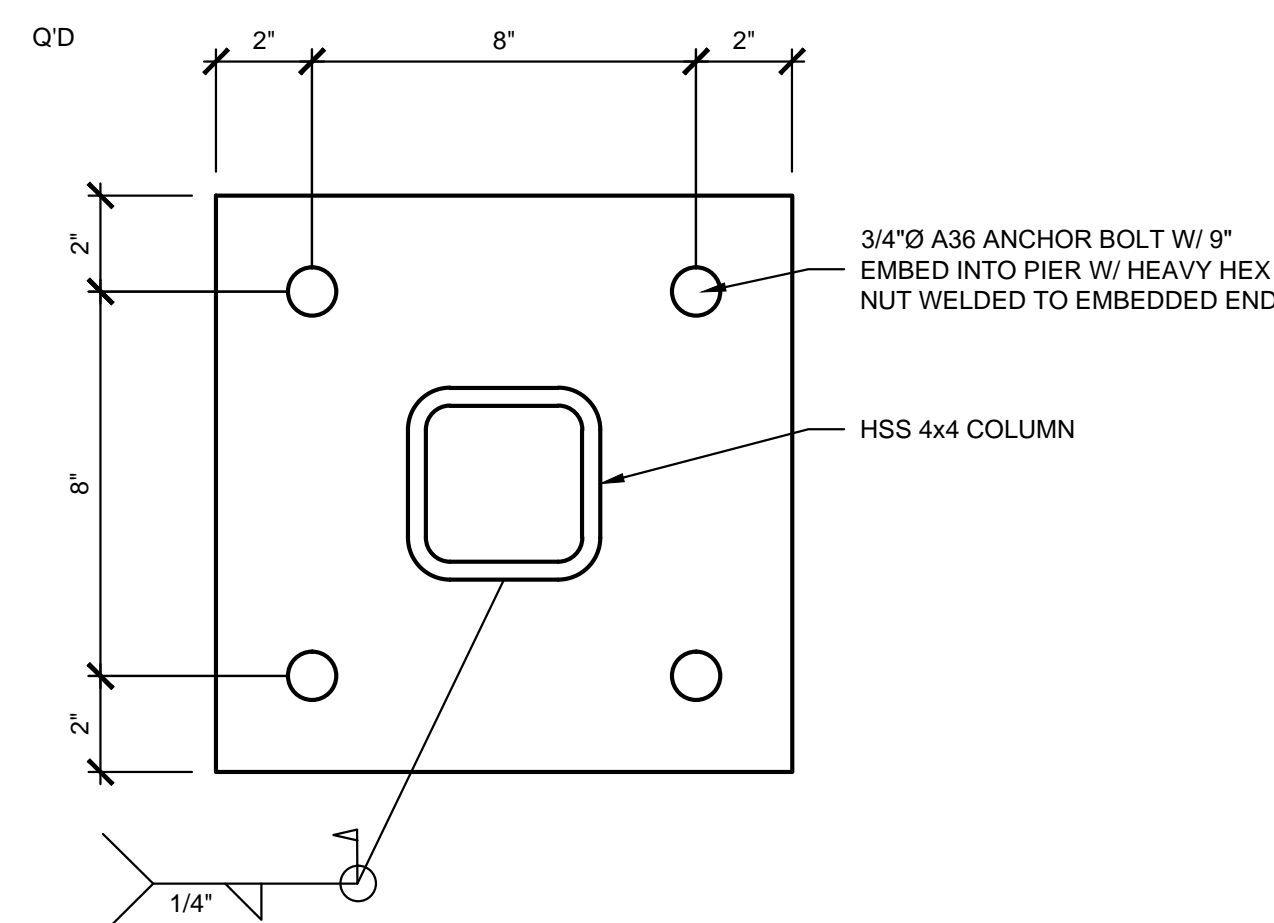
**05** TYP. JOIST REINFORCEMENT  
SCALE: 3" = 1'-0"



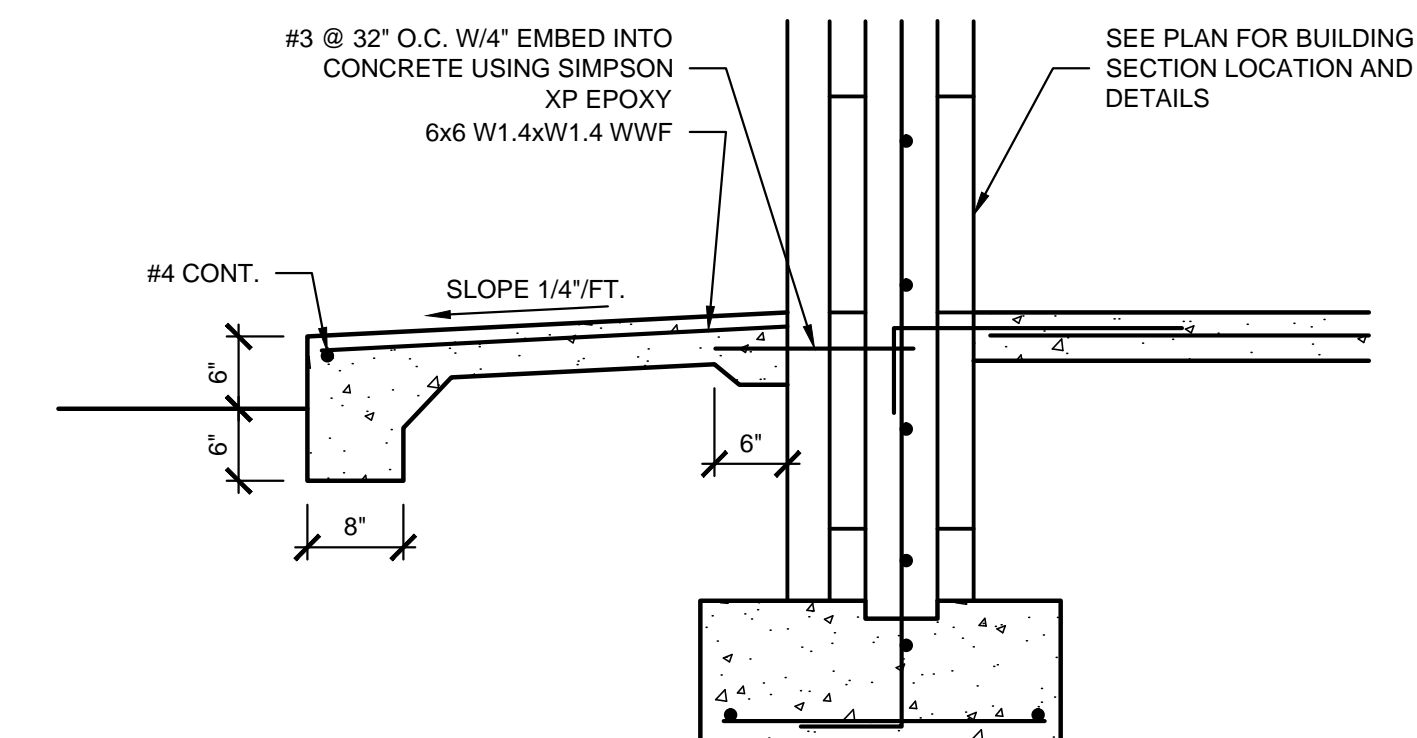
**06** TYP. WALL CORNER REINFORCEMENT DETAIL  
SCALE: 3" = 1'-0"



**07** TYP. STEEL COLUMN BASE DETAIL  
SCALE: 3" = 1'-0"



**08** TYP. HSS 4x4 BASE PLATE DETAIL  
SCALE: 3" = 1'-0"



**09** TYP. SIDEWALK DETAIL  
SCALE: 3" = 1'-0"

BRICK LINTEL SCHEDULE	
OPENING WIDTH	ANGLE SIZE
LESS THAN 6'-0"	L4x3x1/4"
6'-0" TO 8'-0"	L6x4x3/8"



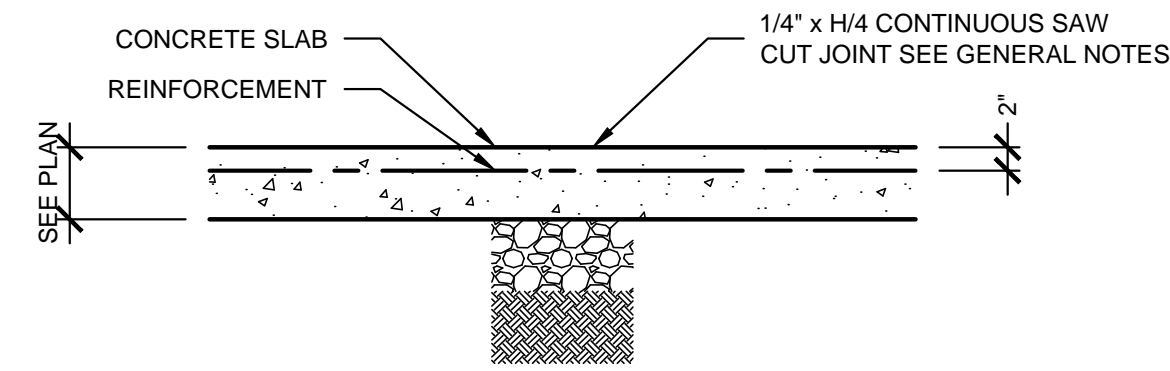
**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

**NEWCOMB OIL CO., LLC**  
FIVESTAR STORE #5150  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

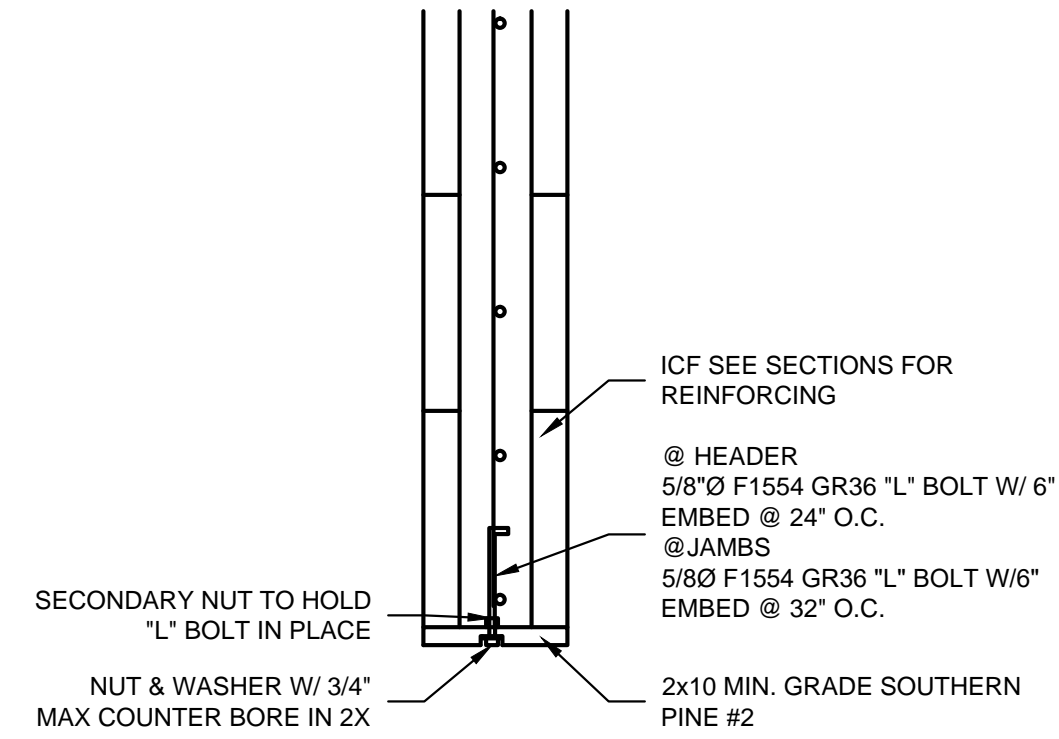
Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

STRUCTURAL DETAILS

**S1.02**



**01** TYP. SIDEWALK & EXTERIOR PAVEMENT, CONTROL JOINT DETAIL  
SCALE: 3" = 1'-0"

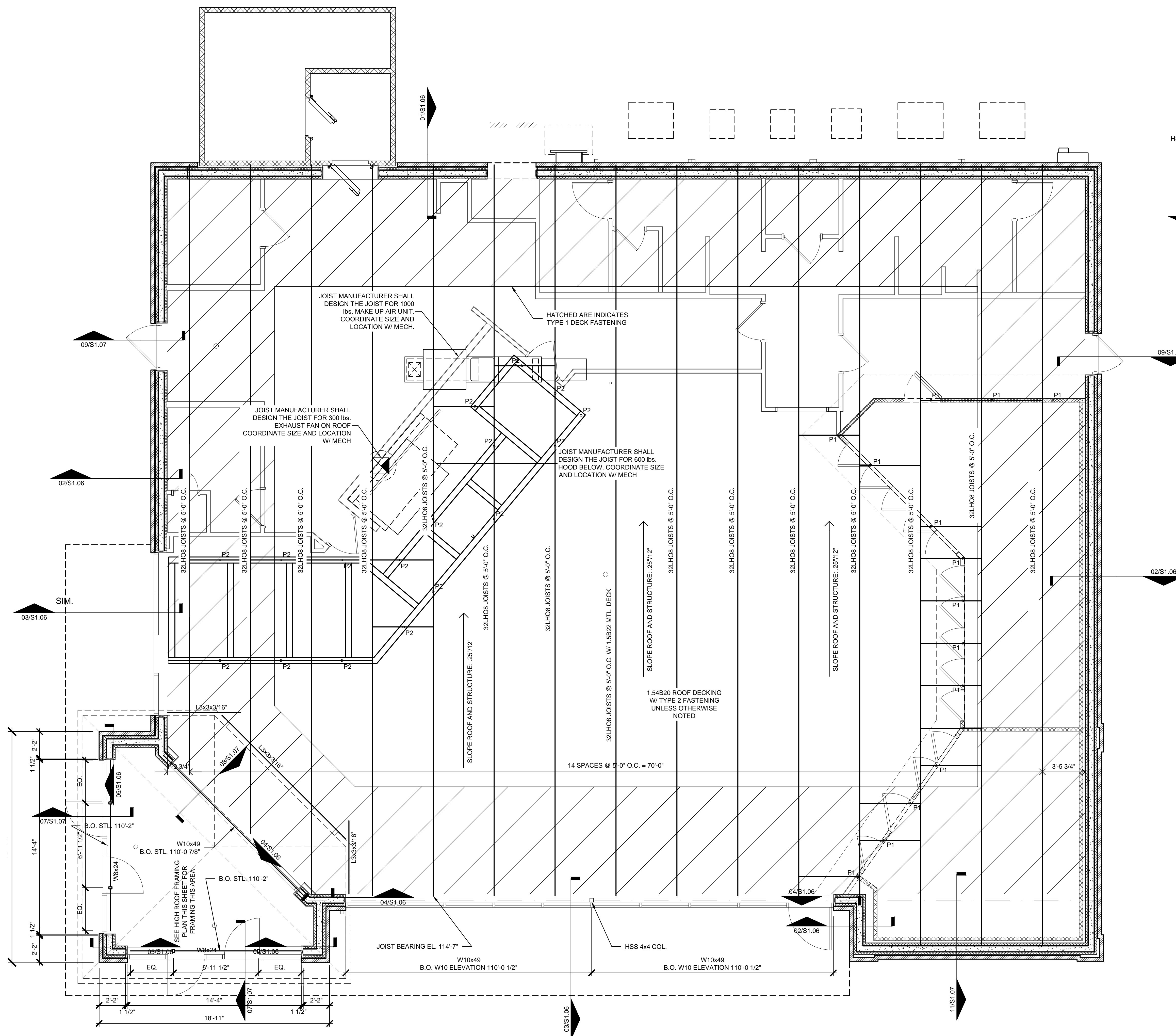


**02** TYP. 2x ATTACHMENT TO ICF @ NEW OPENING PERIMETER  
SCALE: 3" = 1'-0"



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

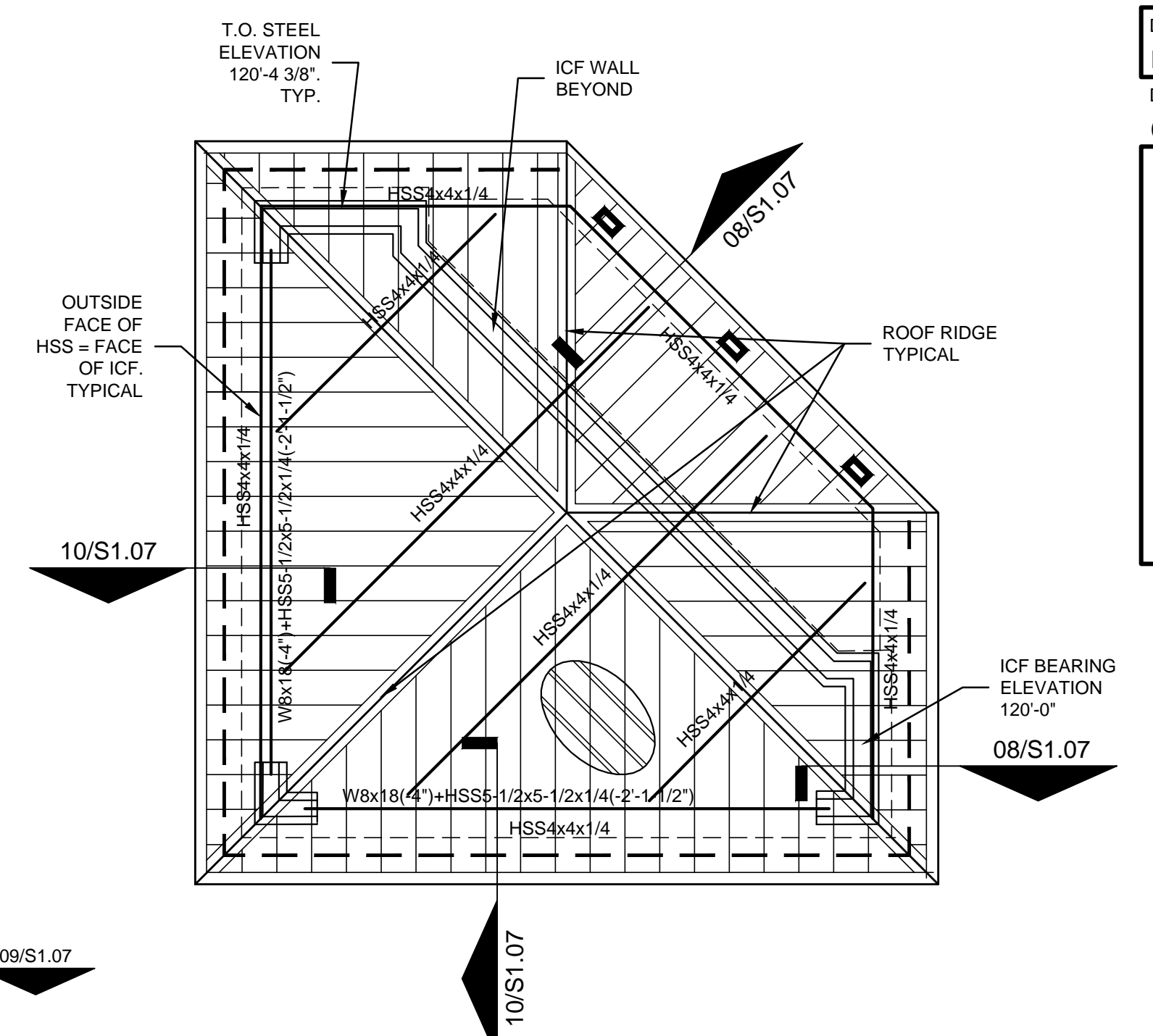
FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539



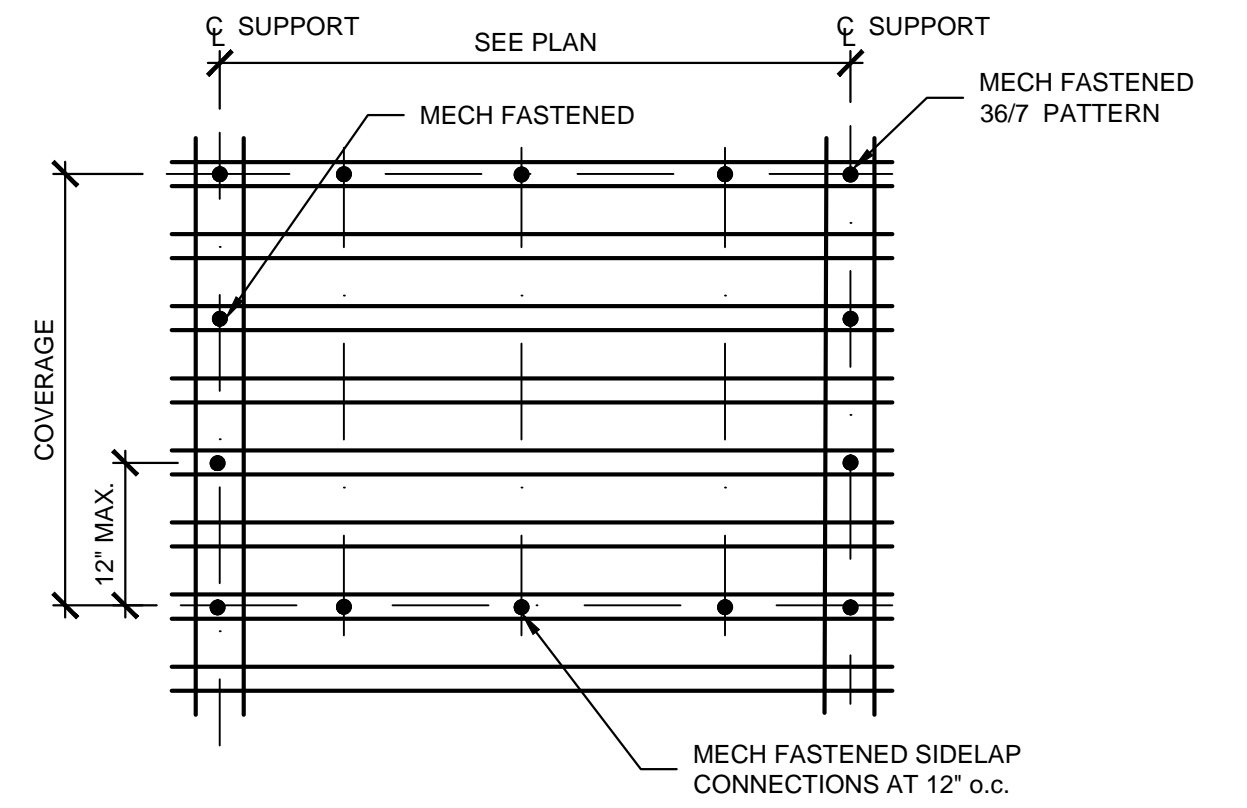
NOTES:  
1. MANUFACTURER SHALL PROVIDE BRIDGING PER SJI REQUIREMENTS  
2. P1 ON THE PLAN INDICATES A 250 LB. POINT LOAD FROM PARTITION WALLS ABOVE THE COOLER WALLS TO BE SUSPENDED FROM THE BOTTOM CHORD OF THE JOISTS. WHERE HANGERS DO NOT LINE UP DIRECTLY WITH JOIST PROVIDE P5500 UNI-STRUT BETWEEN JOIST SIMILAR TO 1/S113.  
3. P2 ON THE PLAN INDICATES A 150 LB. LOAD TO BE SUSPENDED FROM THE BOTTOM CHORD OF THE JOISTS. SEE SHEET S113 FOR ADDITIONAL INFORMATION.

NOTES:  
MTL. ROOF DECK FASTENING, USE 36/7 #12 TEK SCREW FASTENER PATTERN AT EA. JOIST.

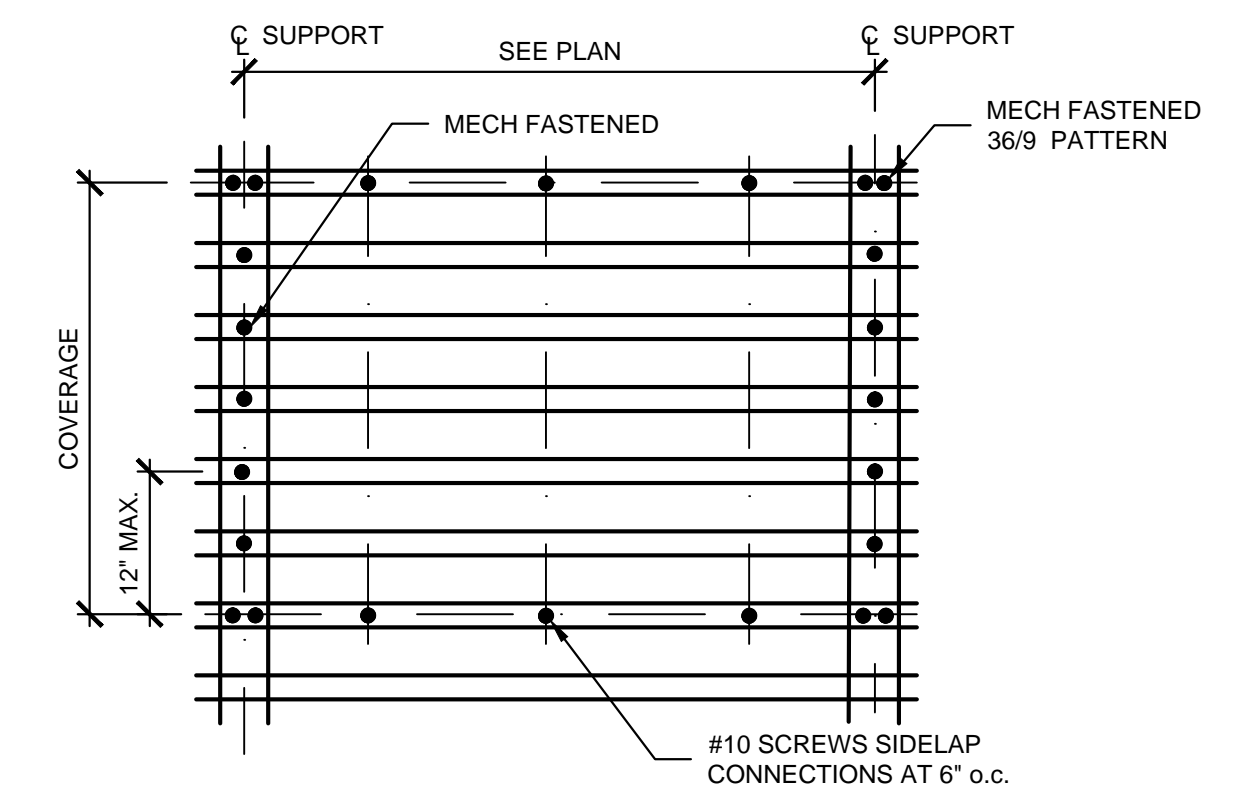
**01 LOW ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"



**02 HIGH ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"



**03 TYPE 2 METAL ROOF DECK FASTENING PATTERN**  
SCALE: 1/4" = 1'-0"



**04 TYPE 1 (HATCHED AREA) METAL ROOF DECK FASTENING PATTERN**  
SCALE: 1/4" = 1'-0"



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

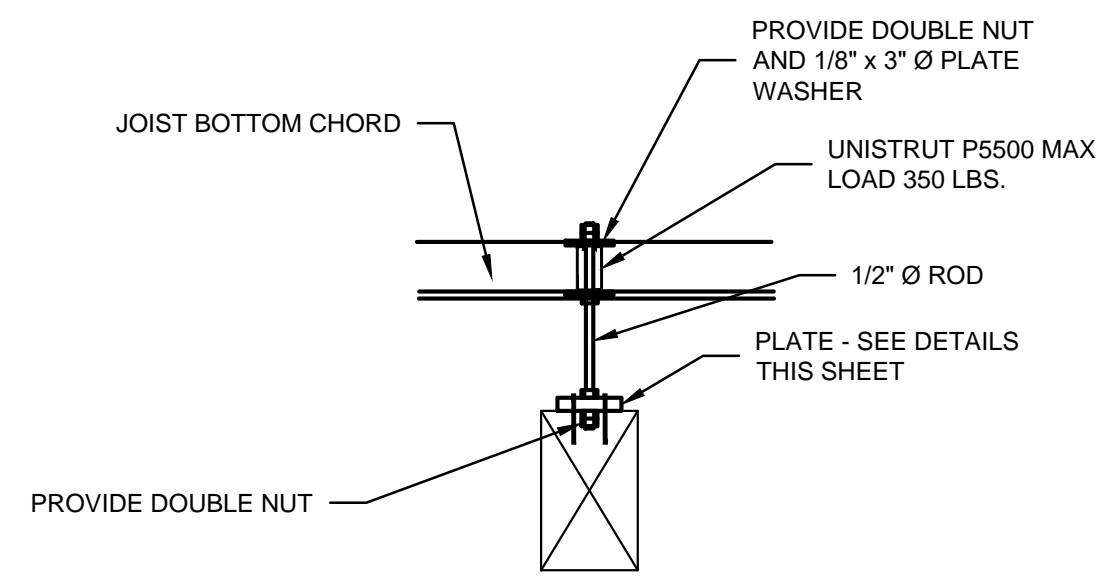
**NEWCOMB OIL CO., LLC**  
FIVESTAR STORE #5150  
511 NORTH WALLACE BLVD.  
LIBERTY KY. 42539

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

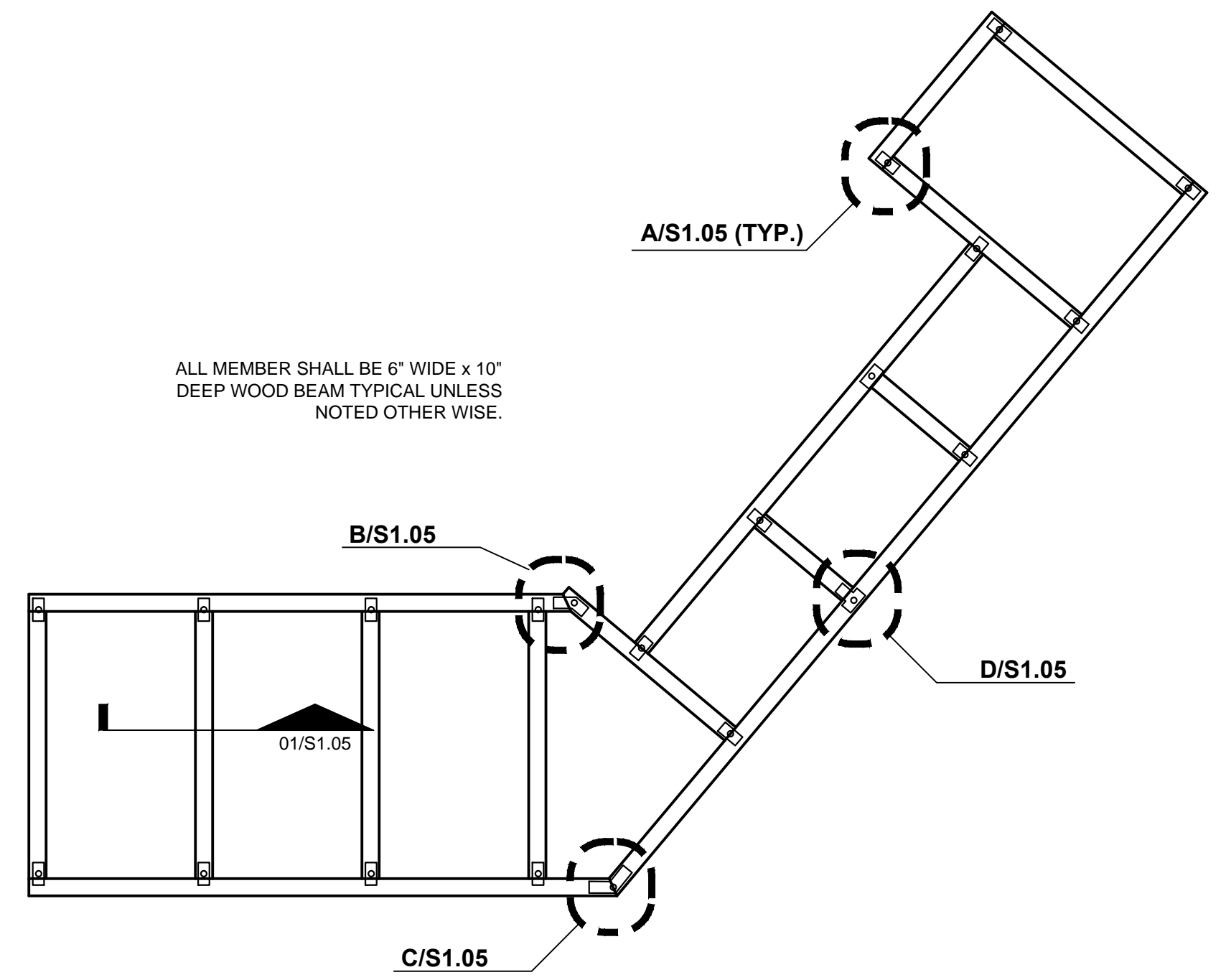
LOW ROOF PLAN

**S1.04**

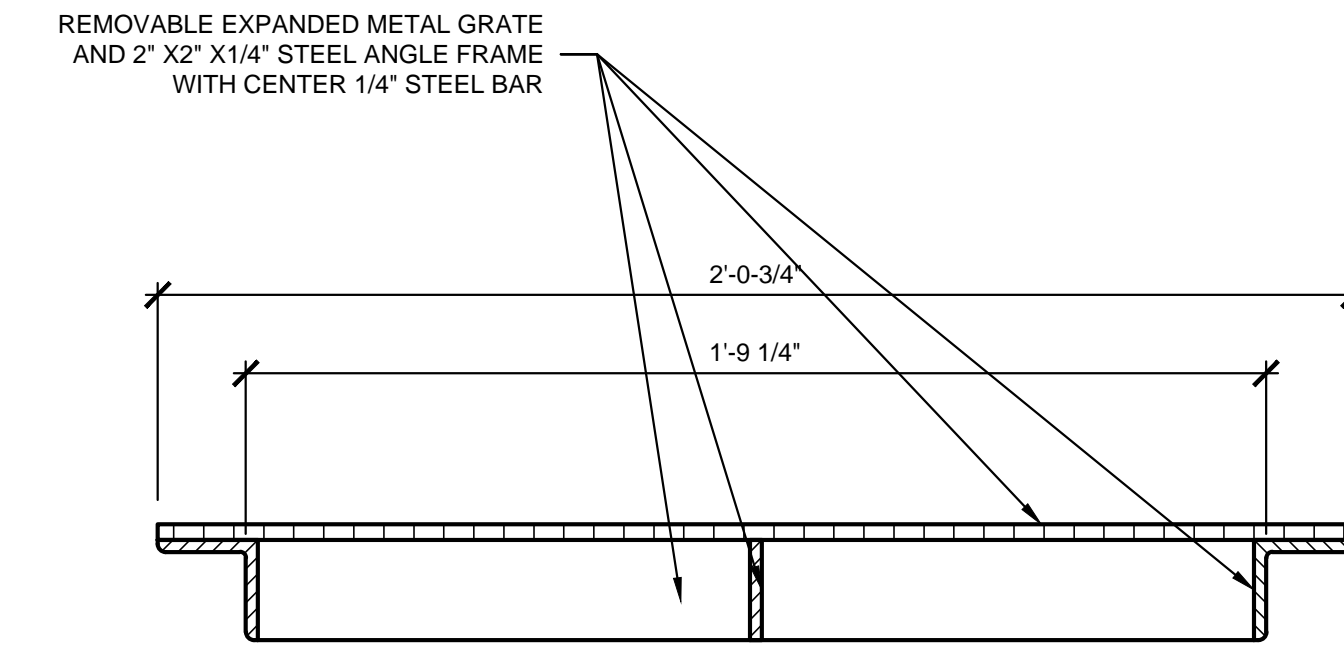
PROJECT: NEWCOMB OIL CO., LLC - FILE: S1.04 Low Roof Plan.dwg - DATE: Apr 27, 2021 4:7PM - BY: HAROLD COX



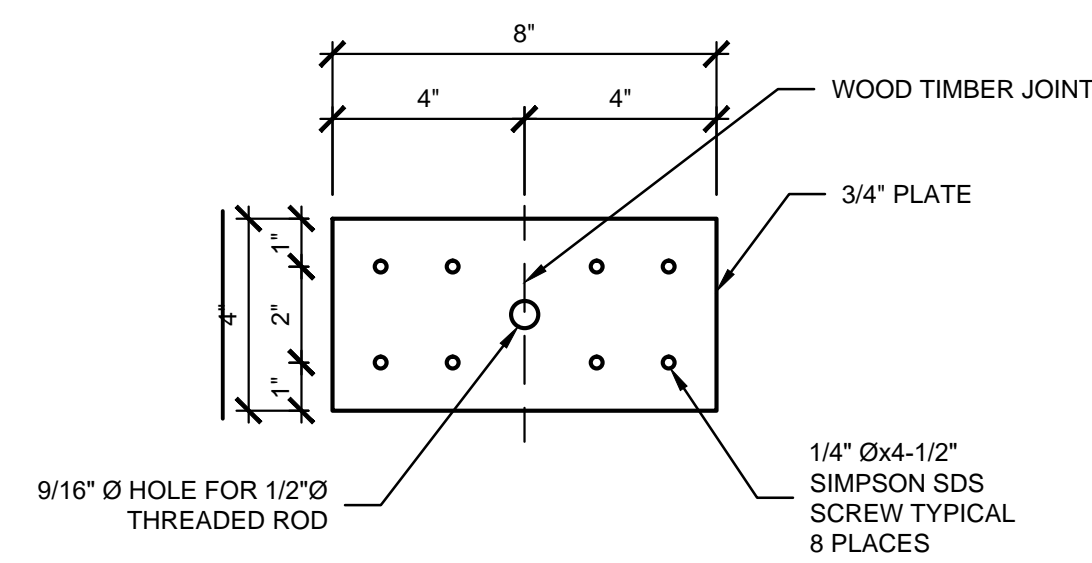
**01 SECTION**  
SCALE: 1" = 1'-0"



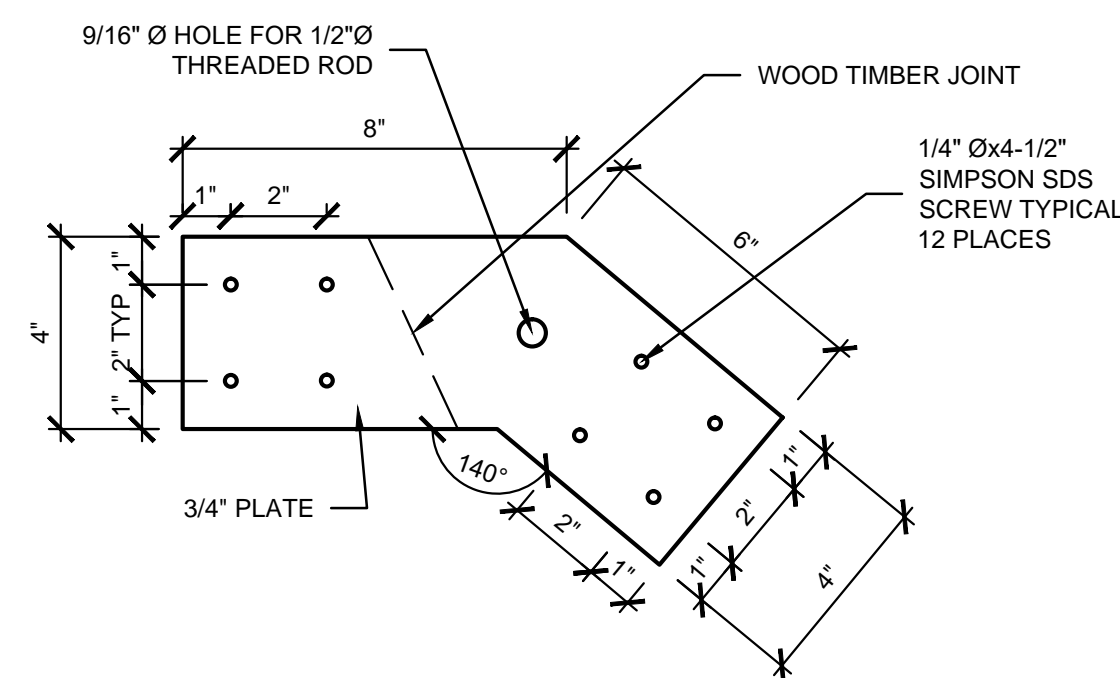
**02 WOOD CEILING ELEMENT FRAMING PLAN**  
SCALE: 1/4" = 1'-0"



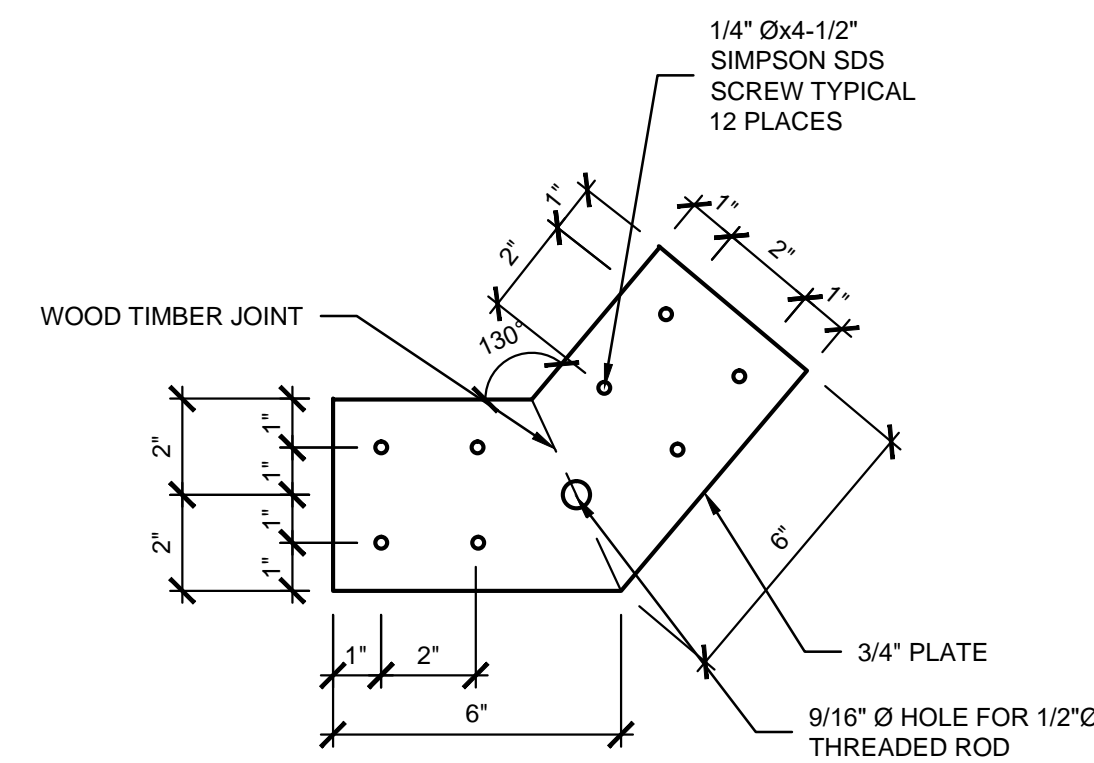
**03 FLOOR SINK SECTION**  
SCALE: 3" = 1'-0"



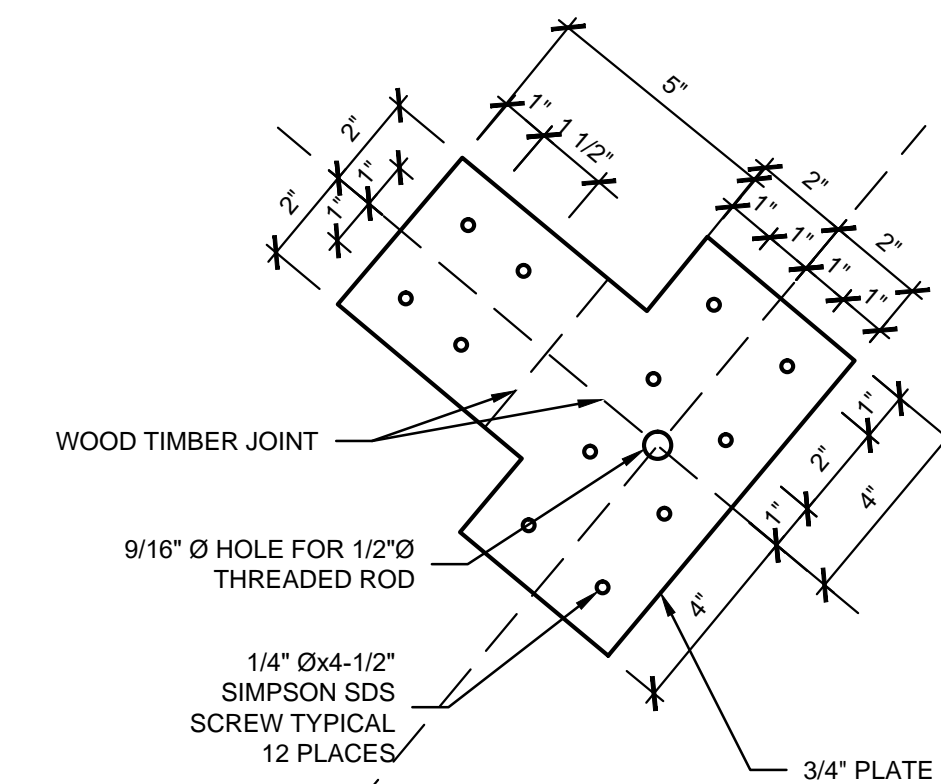
**A DETAIL**  
SCALE: 3" = 1'-0"



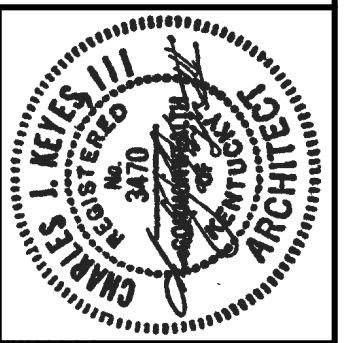
**B DETAIL**  
SCALE: 3" = 1'-0"



**C DETAIL**  
SCALE: 3" = 1'-0"



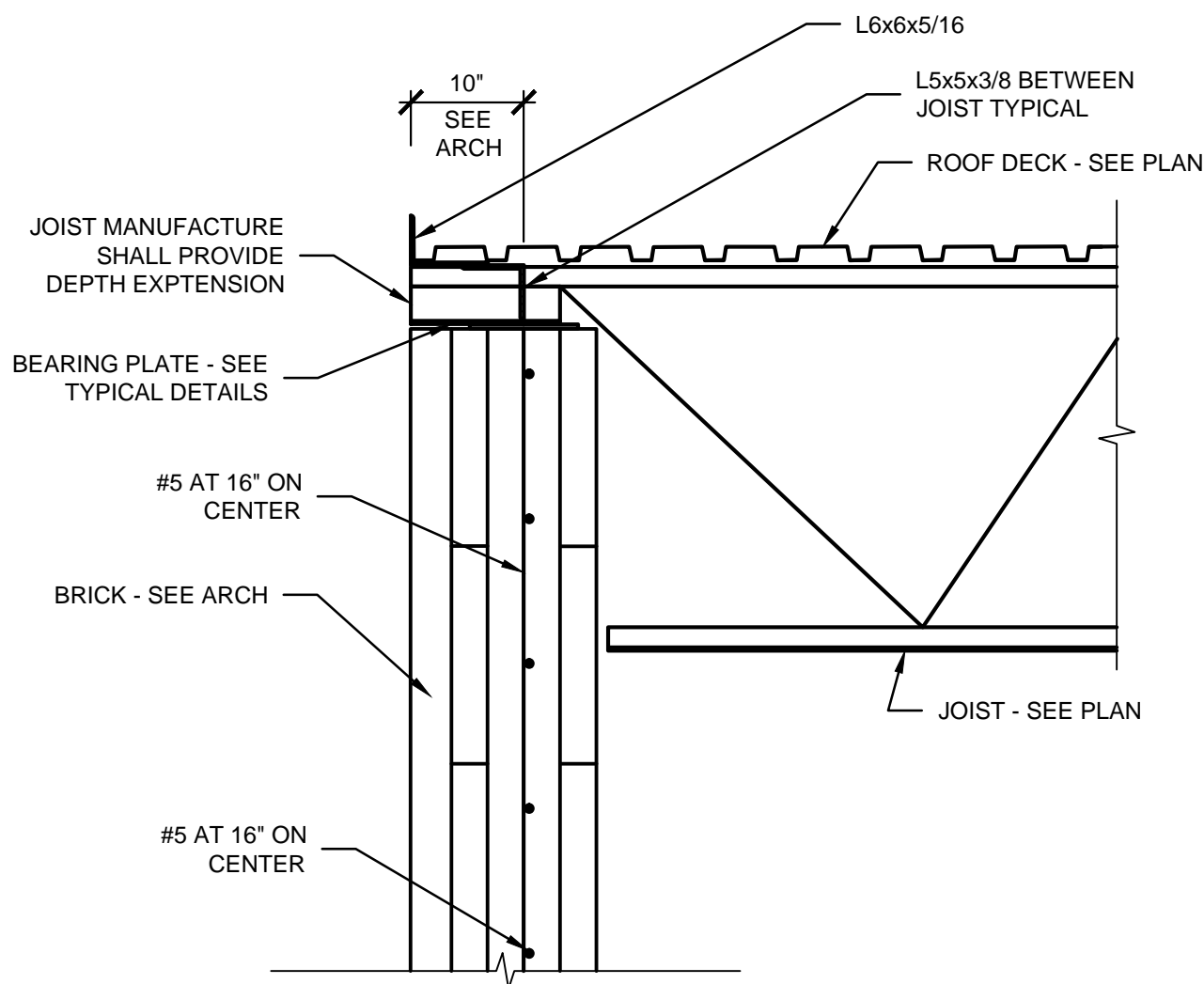
**D DETAIL**  
SCALE: 3" = 1'-0"



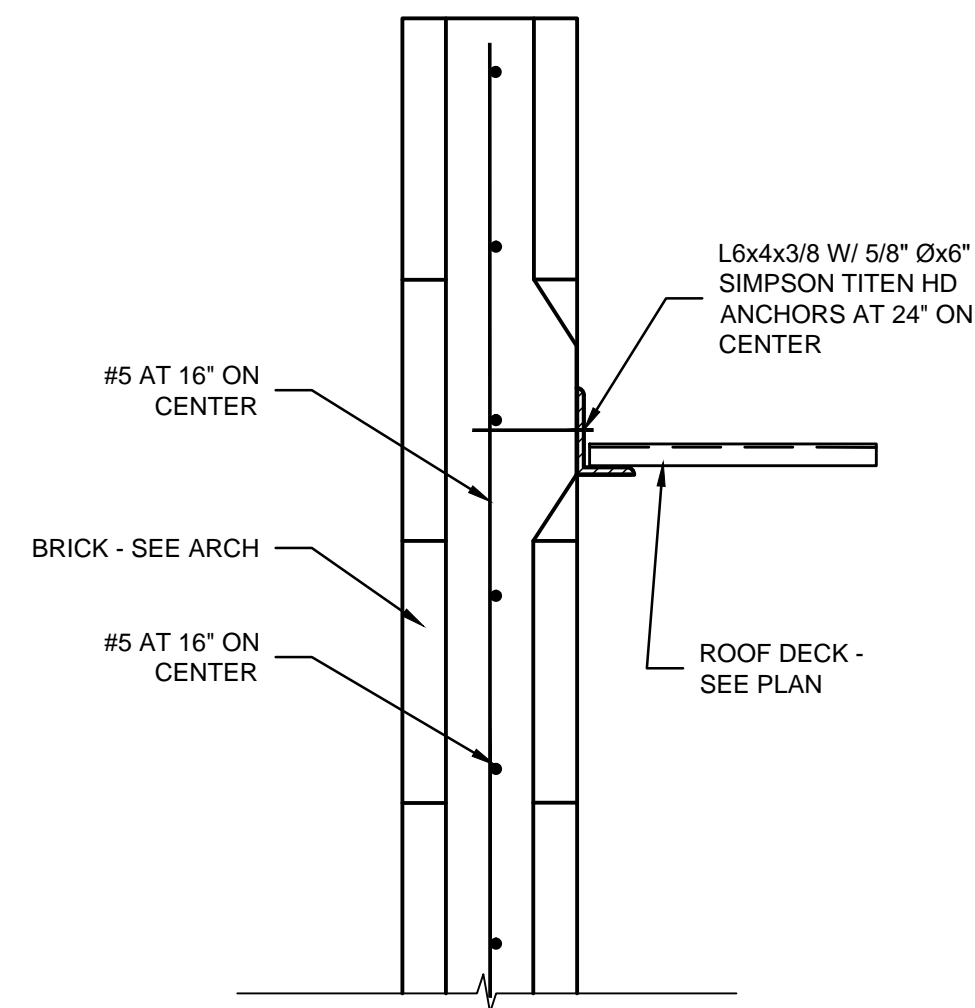
**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

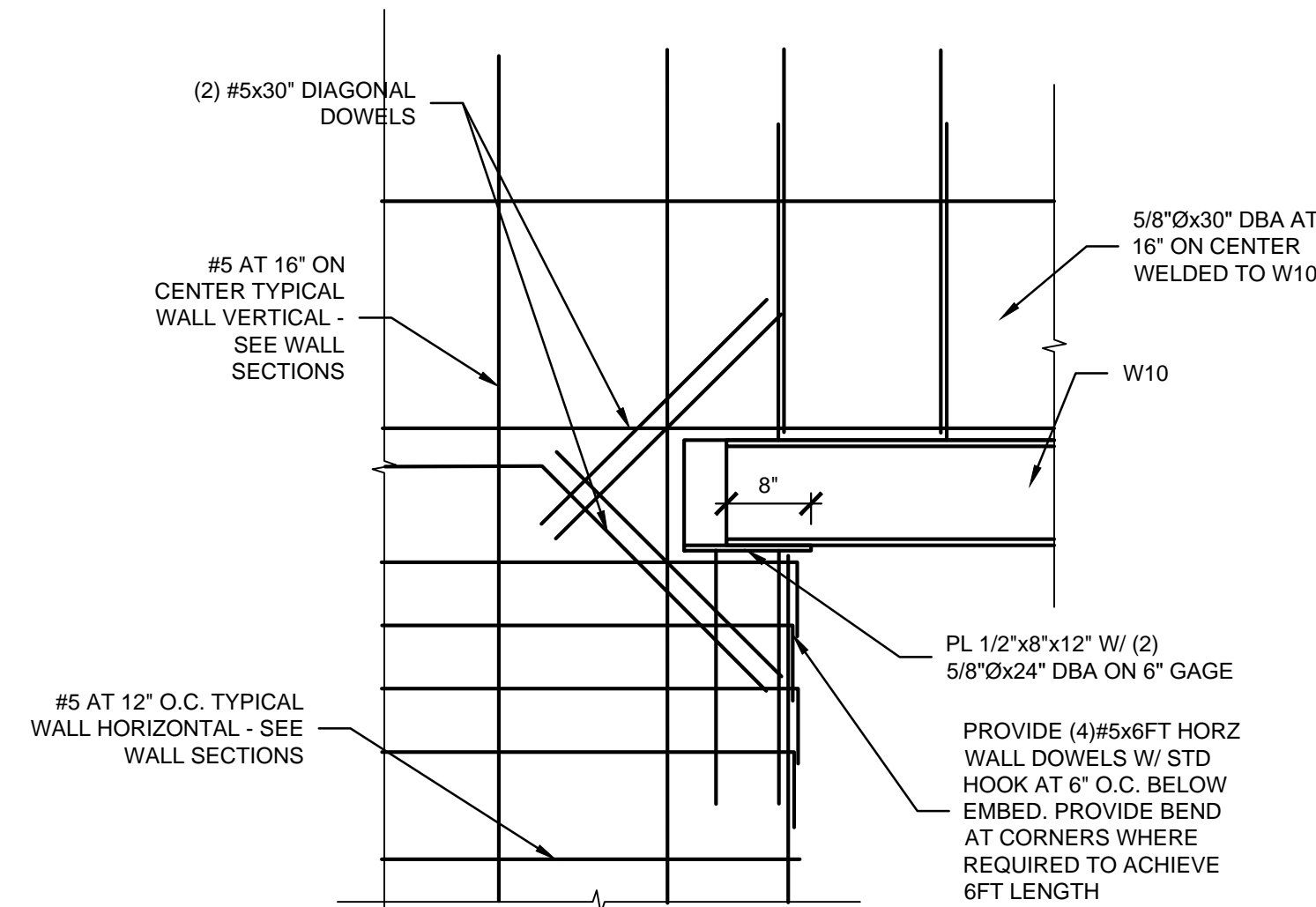




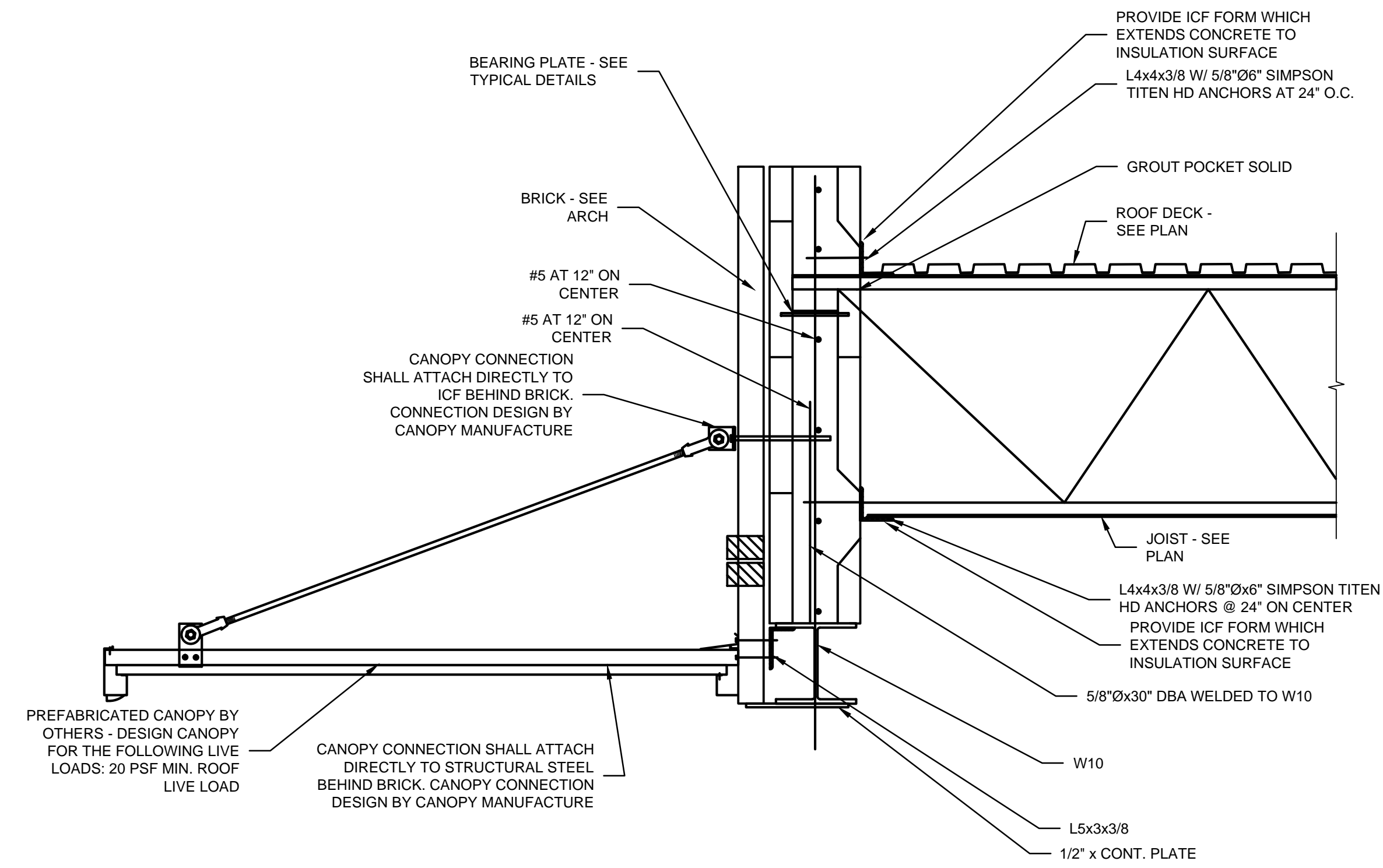
**01 SECTION**  
SCALE: 3/4" = 1'-0"



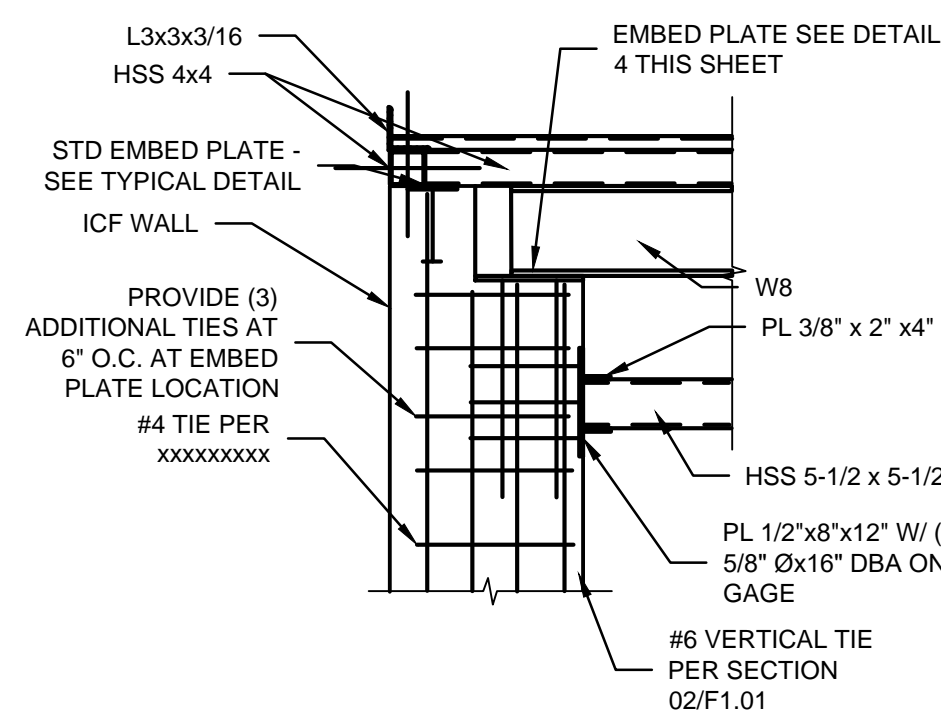
**02 SECTION**  
SCALE: 3/4" = 1'-0"



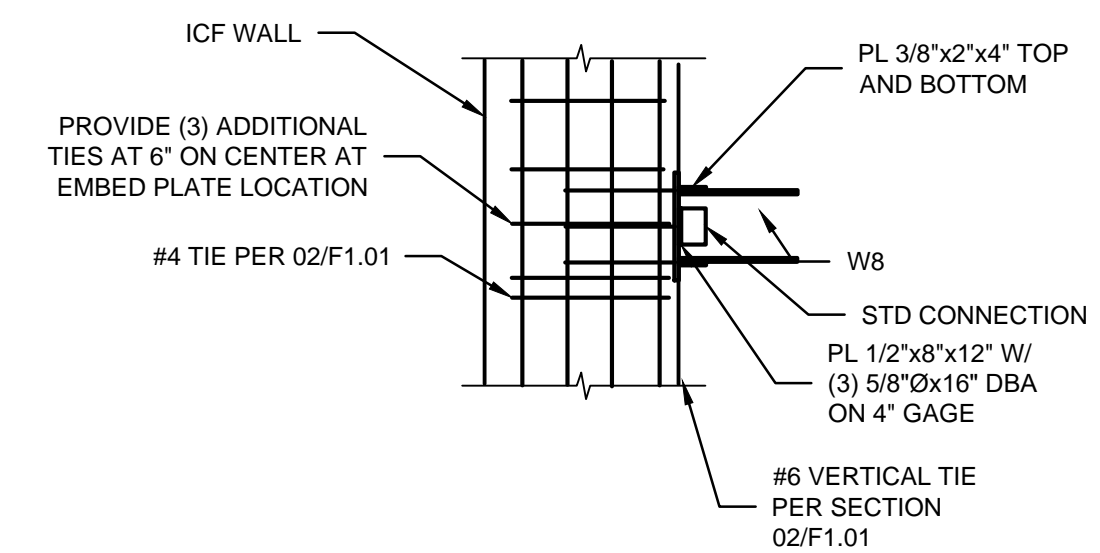
**04 SECTION**  
SCALE: 3/4" = 1'-0"



**03 SECTION**  
SCALE: 3/4" = 1'-0"



**05 SECTION**  
SCALE: 3/4" = 1'-0"



**06 SECTION**  
SCALE: 3/4" = 1'-0"

PROJECT: NEWCOMB OIL CO., LLC - FILE: S1.06 Structural Sections & Details.dwg - DATE: Apr 27, 2021, 4:7PM - BY: HAROLD COX



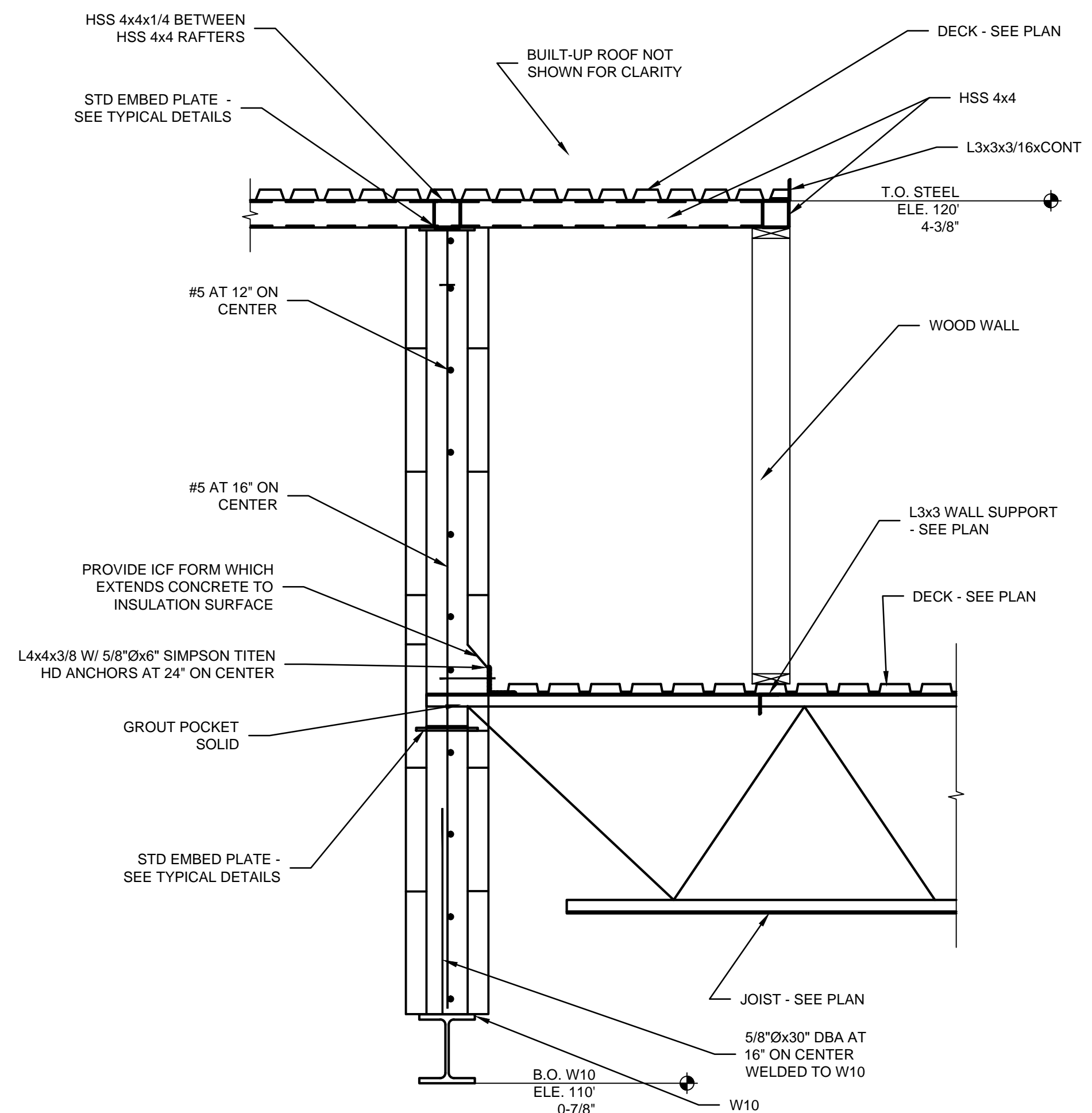
**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

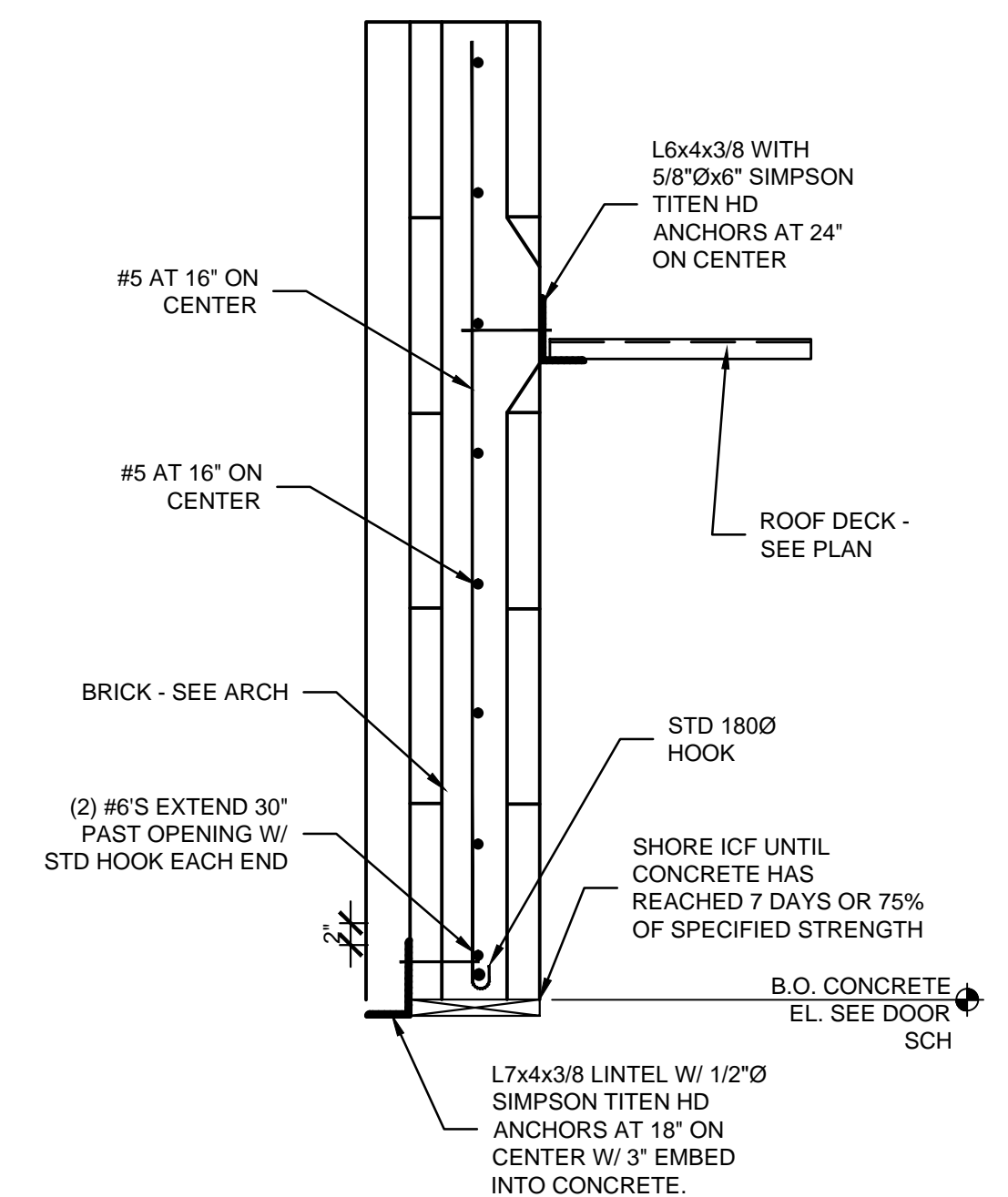
Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

STRUCTURAL SECTIONS & DETAILS

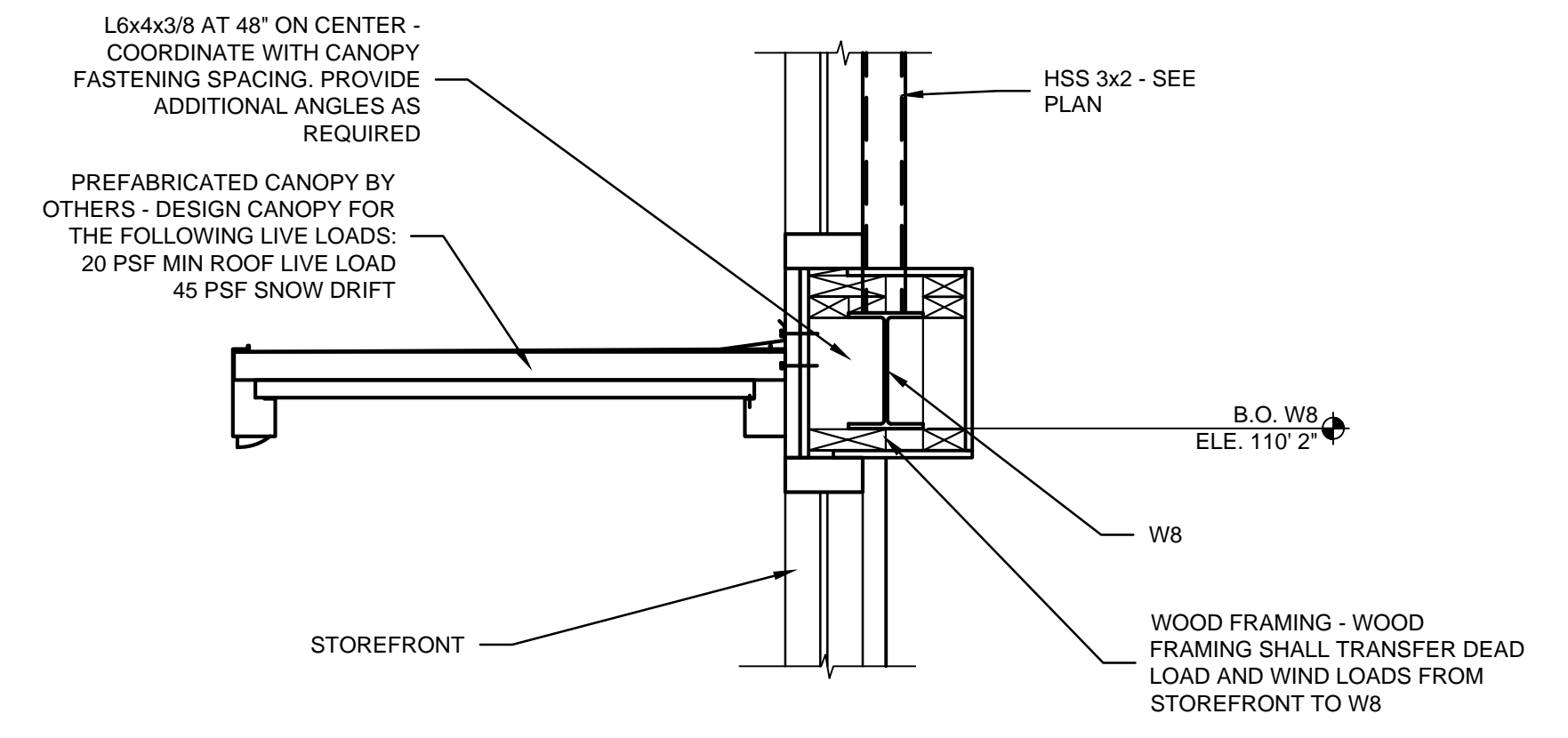
**S1.06**



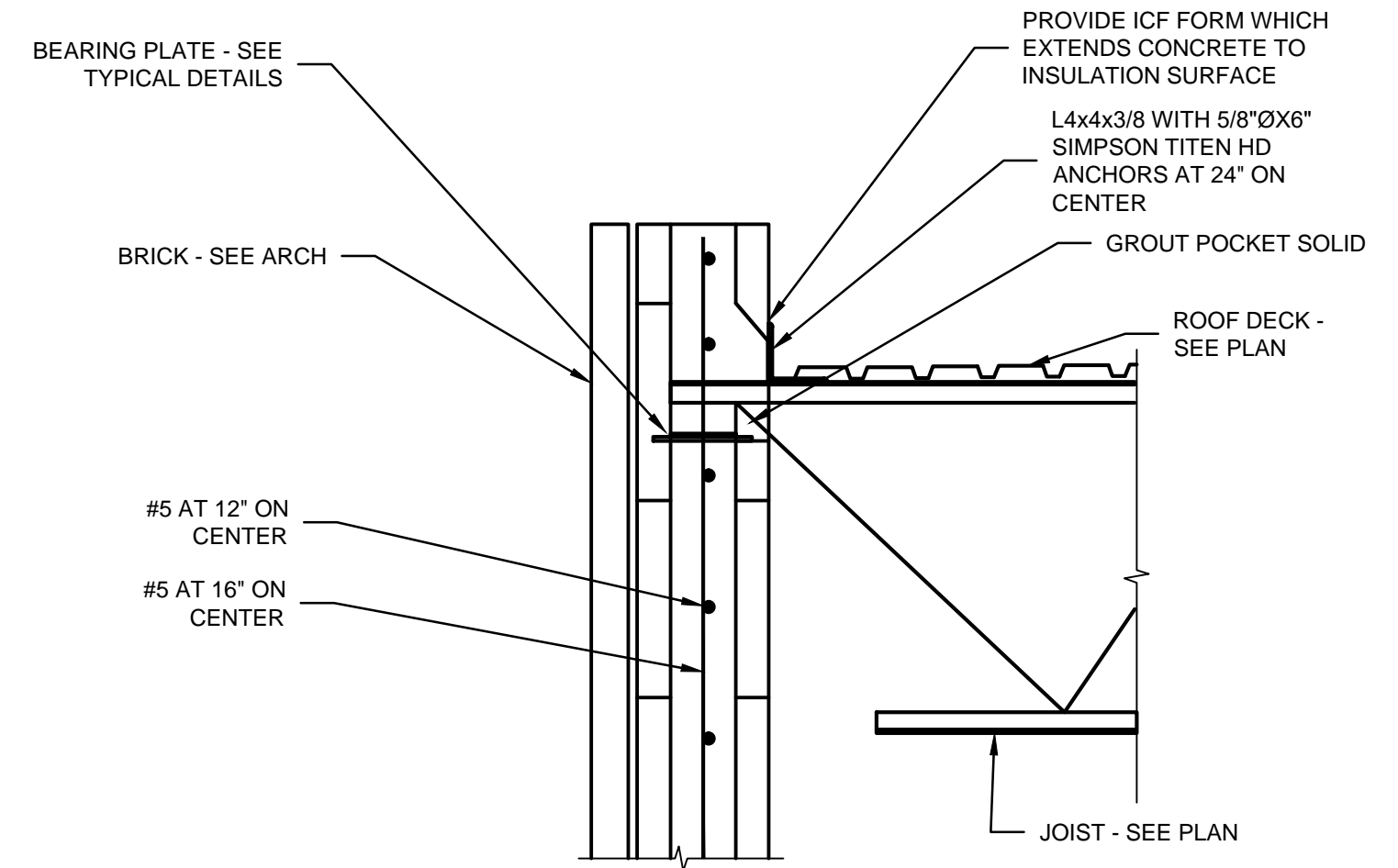
**08 SECTION**  
SCALE: 3/4" = 1'-0"



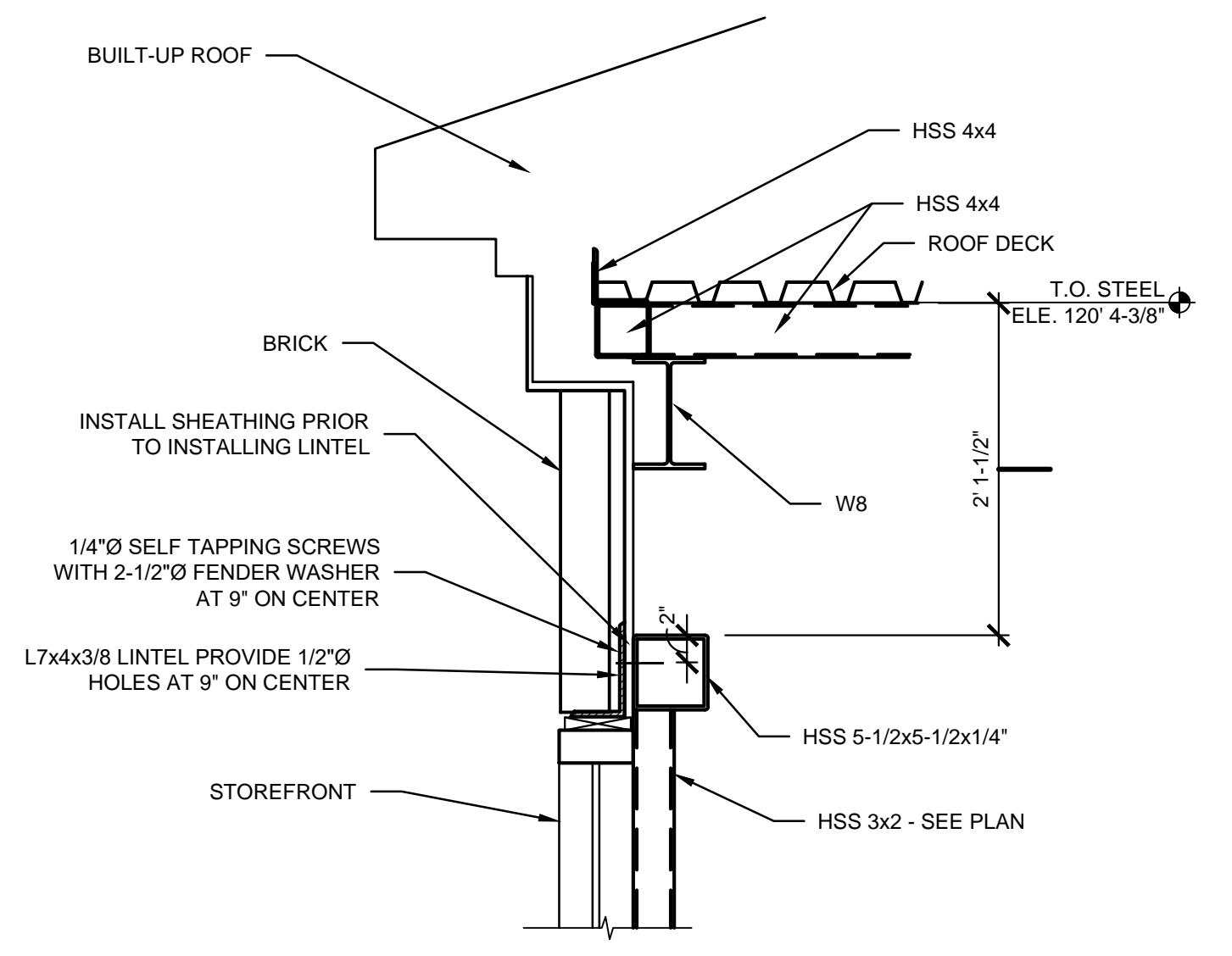
**09 SECTION**  
SCALE: 3/4" = 1'-0"



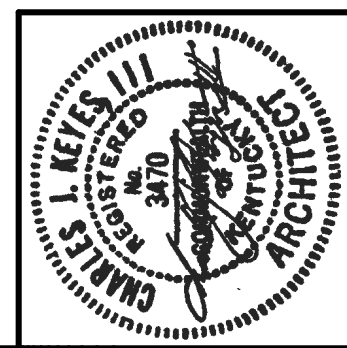
**07 SECTION**  
SCALE: 1" = 1'-0"



**11 SECTION**  
SCALE: 1" = 1'-0"



**10 SECTION**  
SCALE: 1" = 1'-0"



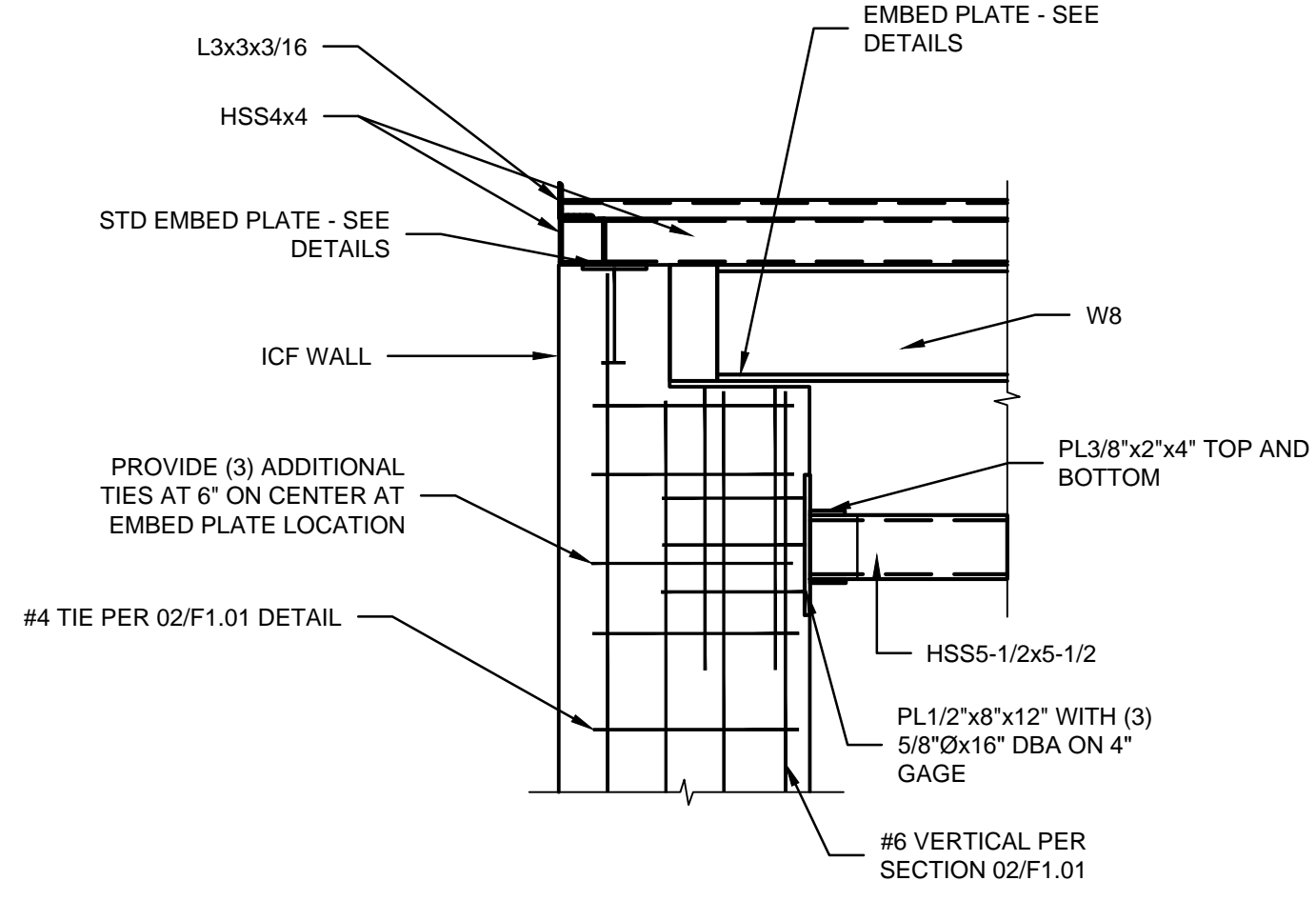
**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

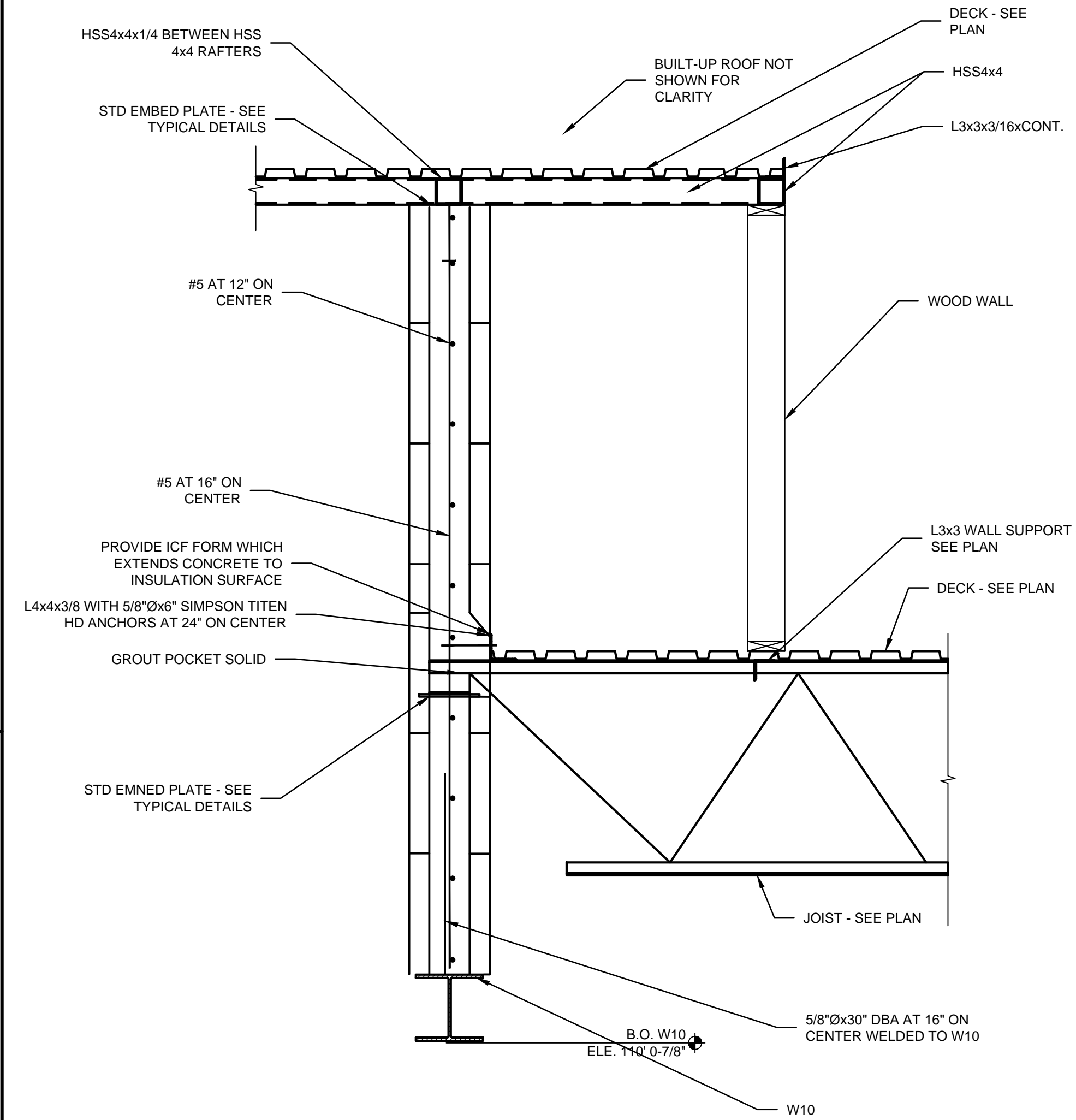
Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

STRUCTURAL SECTIONS & DETAILS  
**S1.07**

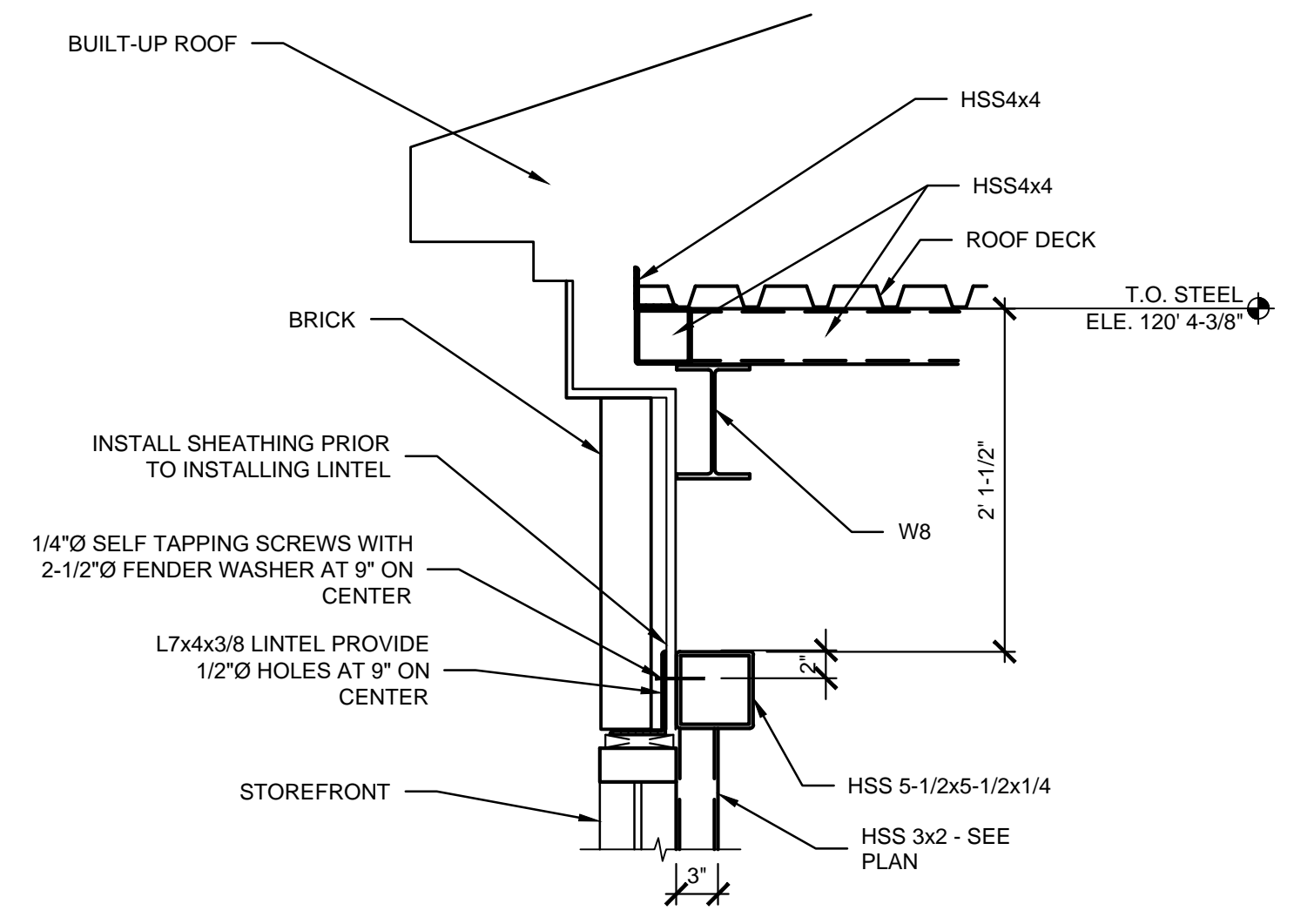
PROJECT: NEWCOMB OIL CO., LLC - FILE: S1.07 Structural Sections & Details.dwg - DATE: Apr 27, 2021, 4:27 PM - BY: HAROLD COX



**06 SECTION**  
SCALE: 3/4" = 1'-0"



**08 SECTION**  
SCALE: 3/4" = 1'-0"



**10 SECTION**  
SCALE: 1" = 1'-0"



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539



PROJECT: NEWCOMB OIL CO., LLC - FILE: S3.01 Structural Sections & Details.dwg - DATE: Apr 27, 2021, 4:48PM - BY: HAROLD COX

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

STRUCTURAL SECTIONS & DETAILS

**S3.01**

### WALL LEGEND

-  2x4 WOOD STUD WALL
-  I.C.F. WALLS TO BE INSTALLED MANUFACTURERS RECOMMENDATIONS.

\*ALL MATERIALS ARE SIZES LISTED IN THIS LEGEND UNLESS OTHERWISE DIMENSIONED ON THIS PLAN OR SPECIFIED IN THE DETAILS AT A DIFFERENT SIZE

### GENERAL NOTES:

- A. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE, FIELD VERIFY ALL CONDITIONS, QUANTITIES AND MATERIALS. REPORT DISCREPANCIES TO ARCHITECT FOR CLARIFICATION. DO NOT SCALE DRAWINGS.
- B. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL CONSTRUCTION. ALL CONTRACTORS OF ALL DISCIPLINES TO COORDINATE CONSTRUCTION PRIOR TO INSTALLATION.
- C. DIMENSIONS ARE TO THE FINISHED FACE OF STUD, CONCRETE, OR ICF UNLESS NOTED OTHERWISE.
- D. ICF: INSTALL PER MANUFACTURERS RECOMMENDATIONS.
- E. ICF: ALL INTERIOR ICF WALLS TO RECEIVE 1/2" MIN. GYP. BD. (15 MIN. THERMAL BARRIER); GYP. BD. BEHIND COOLERS AND FREEZERS AND IN RESTROOMS SHALL BE MOISTURE AND MOLD RESISTANT GYP. BD.
- F. ICF: SEE STRUCTURAL DRAWINGS FOR REINFORCING DESIGN IN ICF WALLS
- G. CAULK DOOR JAMBS AND INSIDE CORNERS IN CERAMIC TILE WALLS WITH SANDED CAULK TO MATCH THE GROUT COLOR. ALL OTHER DOOR JAMBS AND MARLITE SHALL BE CAULKED WITH SHERWIN WILLIAMS POWER HOUSE 60 YR. COLOR: TO MATCH PAINT.
- H. INTERIOR WALLS SHALL BE 2X4 WD STUDS 16" O.C. WITH 1/2" GYP BD. EACH SIDE UNLESS NOTED OTHERWISE. WALLS BEHIND COOLER AND FREEZERS SHALL HAVE MOISTURE AND MOLD RESISTANT GYP. BD.. PROVIDE BLOCKING IN WALLS FOR DOOR WALL STOPS.
- I. ALL COOLER DOORS SHALL BE INSTALLED 8" A.F.F.
- J. ALL UNISTRUTS SHALL BE INSTALLED OPEN SIDE UP.
- K. ALL DRYWALL CEILINGS SHALL BE GLUED AND SCREWED.
- L. OWNER SHALL VERIFY THAT GEOTECHNICAL CONDITIONS AND SOIL BEARING CAPACITY MEET THE REQUIREMENTS OF THE 'FOUNDATION DESIGN' NOTED IN THE STRUCTURAL DRAWINGS.
- M. FILL ALL TRENCHES UNDER PAVEMENT WITH STONE
- N. ALL PROPERTY CORNER PINS SHALL BE ENCASED IN CONCRETE 12" DEEP, 8" DIAMETER AND SHALL BE FLUSH WITH THE GROUND.
- O. ALL 2X4 AND 2X6 WOOD STUDS SHALL BE #2 SPRUCE ONLY.
- P. CONTRACTOR SHALL POLICE THE SITE AFTER COMPLETION OF THE BRICK TO MAKE SURE ALL BRICK AND MORTAR ARE CLEANED UP FROM THE SITE AND NOT BURIED IN THE FOOTING TRENCHES.
- Q. ONLY USE VANITROLL FOR BRICK CLEANING.
- R. SAND TEXTURED CAULK TO BE USED WHEN CAULKING BRICK EXPANSION JOINTS. CLAY TAN 225-U (LRV -19)
- S. PROVIDE LOW WEEP VENTS IN VENEER MASONRY BRICK. USE 3/8" HONEYCOMB CELL VENT.
- T. CONTROL JOINTS IN EXTERIOR BUILDING SIDEWALKS AND JOINTS IN BLACK CONCRETE SHALL BE TOOLED AND SAW CUT. REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION.
- U. THE JOINT BETWEEN THE BUILDING SIDEWALK AND THE BLACK CONCRETE PAD SHALL BE A CONSTRUCTION JOINT NOT AN EXPANSION JOINT. NO EXPANSION MATERIAL SHALL BE INSTALLED.
- V. NEWCOMB OIL SHALL CHECK WALLS FOR ALIGNMENT, LOCATION OF ELECTRICAL AND PLUMBING AND STRING LINE THE WALLS PRIOR TO DRYWALL BEING INSTALLED.
- W. THE CANOPY CONTRACTOR SHALL INSTALL CANOPY SIGNS. THE BUILDING ELECTRICAL CONTRACTOR SHALL INSTALL THE BUILDING SIGNS.
- X. SEE CIVIL DRAWINGS FOR BOLLARD LOCATION. SEE DETAIL 02/A5.02 FOR BOLLARD DETAIL.

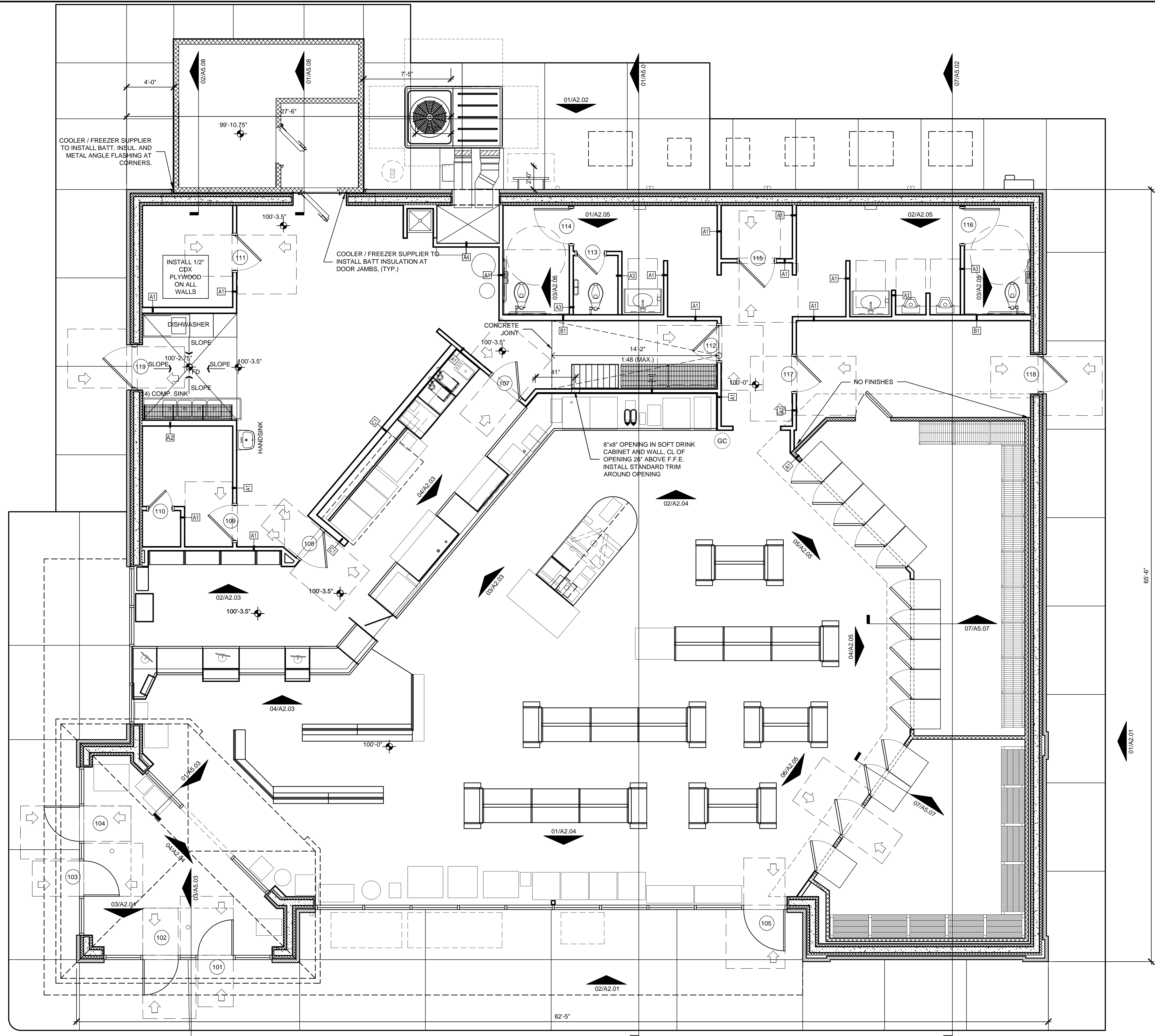


**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

FLOOR PLAN

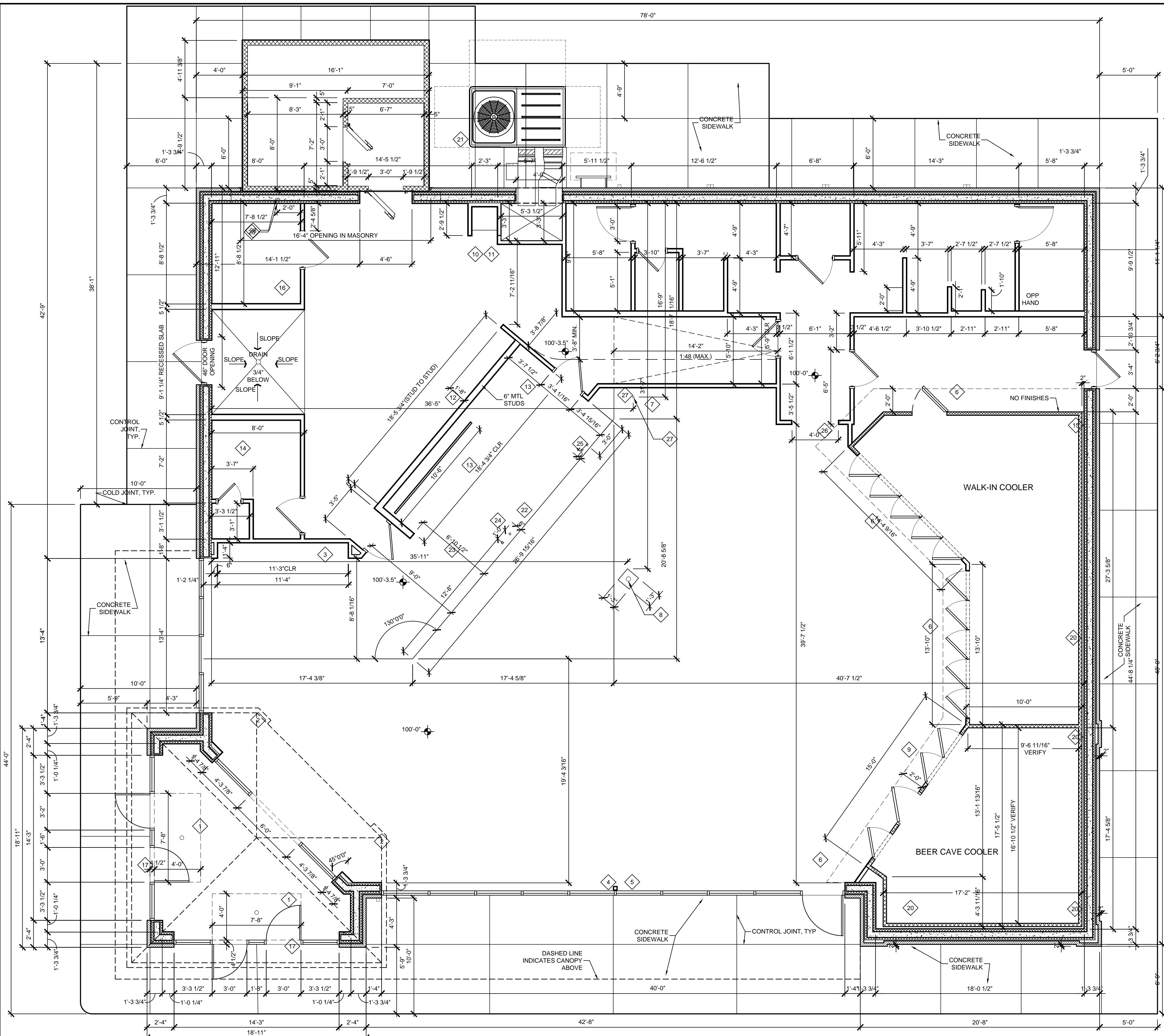
**A1.01**



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

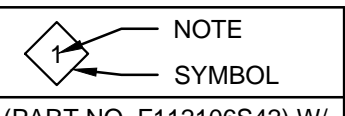
- NOTE:** ALL DIMENSIONS ARE TO FACE OF STUD
- NOTE:** GENERAL CONTRACTOR RESPONSIBLE FOR COORDINATION OF ALL SUB TRADES AND REQUIREMENTS BY OWNER
- NOTE:** ELECTRICAL, HVAC AND PLUMBING TO BE RELOCATED PER FEDERAL, STATE AND LOCAL CODES. GENERAL CONTRACTOR TO COORDINATE.

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

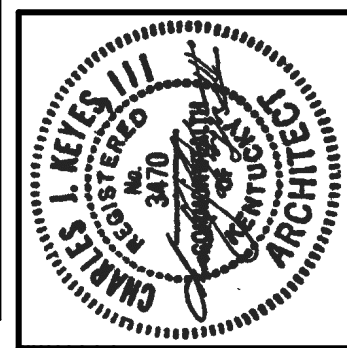


**SHEET NOTES:**

- 1 McNICHOLS QUALITY DURAGRID PULTRUDED FIBERGLASS GRATING (PART NO. F112106542) W/ McNICHOLS QUALITY FIBERGLASS EMBEDMENT ANGLE (PART NO. F1FE111520).
- 2 2x4 FURRING AROUND PLUMBING VENT.
- 3 INSTALL A STUD CENTERED ON CLOSET BACK WALL TO SERVE AS VERTICAL BLOCKING FOR OWNER INSTALLED EQUIPMENT.
- 4 PAINT ALL SURFACE MOUNTED CONDUIT FOR ELECTRICAL BOXES "BLACK".
- 5 TUBE STEEL COLUMN, PAINT "BLACK". REFER TO STRUCTURAL DRAWINGS.
- 6 DASHED LINE INDICATES 1" RIGID INSULATION UNDER COOLERS
- 7 8x8 OPENING IN SOFT DRINK CABINET AND WALL, CL OF OPENING 32" ABOVE RAMP. INSTALL STANDARD TRIM AROUND OPENING.
- 8 SLAB OPENING FOR UTILITIES. REFER TO ELEC. AND PLUMB. DRAWINGS VERIFY IN FIELD.
- 9 1/4" CEMENT BD. INSTALLED ON COOLERS, REFER TO INTERIOR ELEVATIONS FOR WALL FINISH, (TYP.).
- 10 RECESSED MOP SINK WITH GRATE, TOP AT FINISH FLOOR. WALLS ON (3) THREE SIDES OF MOP SINK SHALL BE CONC. UP TO 2'-0" A.F.F., REFER TO DETAIL 03/S1.05.
- 11 INSTALL MARLITE ABOVE MOP SINK UP TO 10'-0", EXTEND MARLITE TO OUTSIDE EDGE OF LONG WALL AND AROUND END OF WING WALL.
- 12 INSTALL MARLITE UP TO 10'-0", EXTEND MARLITE 8'-0" ALONG WALL AND AROUND END OF WING WALL.
- 13 INSTALL FLOOR STOP BEHIND DEEP FRYER AND GRIDDLE, FLOOR STOP SHALL BE A 2x2 ALUM. ANGLE 10'-0" LONG BOLTED TO THE FLOOR 12" FROM WALL.
- 14 8"x10" AIR GRILLE ABOVE DOOR, INSIDE AND OUTSIDE.
- 15 WALK-IN COOLER COMBO TO BE PROVIDED BY WALK-IN COOLER MANUFACTURER, WITH SEALED CONCRETE FLOOR (BY G.C. TYP.).
- 16 INSTALL 1/2" CDX PLYWOOD ON ALL WALLS.
- 17 REMOVABLE CENTER GLASS AND ALUM. FRAMES THIS DOOR ONLY, REFER TO 01/A6.01.
- 18 SEE CIVIL DRAWINGS FOR BOLLARD LOCATION. SEE DETAIL 02/A5.02 FOR BOLLARD DETAIL.
- 19 BOLLARDS, ALIGN WITH L.P. CAGE, REFER TO 02/A5.02 FOR ALIGNMENT. BOLLARDS TO BE SET AWAY FROM SIDEWALK 1".
- 20 2" MIN. AIR SPACE REQUIRED BTWN. EXTERIOR WALL AND WALK-IN COOLER, (TYP.).
- 21 CONCRETE EQUIPMENT PAD.
- 22 EDGE OF RAISED 3-1/2" CONCRETE FLOOR SLAB
- 23 POWER SUPPLY
- 24 COLD WATER SUPPLY
- 25 OPEN DRAIN
- 26 CASE OPENING WITH TILE, USE SCHLUTER TILE EDGE
- 27 FOUNTAIN DRAIN (OR)
- 28 2" SLEEVE 9'-0" A.F.F., 2'-0" OFF OF WALL.



PROJECT NO: 21-4154  
 DRAWN BY: HWC/  
 DATE: 04-30-21



**KEYES ARCHITECTS & ASSOCIATES**  
 4717 PRESTON HIGHWAY  
 LOUISVILLE, KENTUCKY 40213 (502) 636-5113

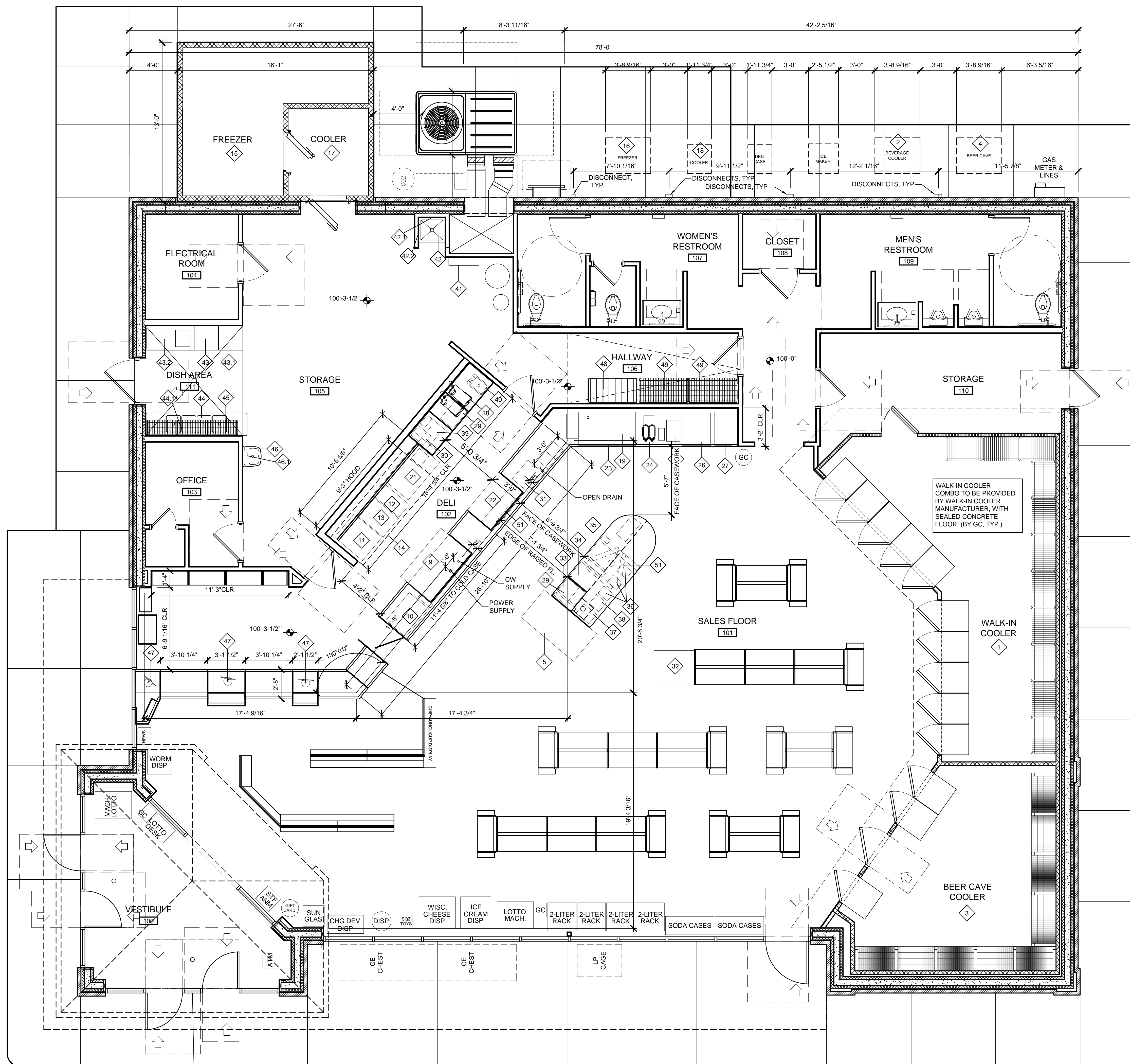
FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
 511 NORTH WALLACE BLVD.  
 LIBERTY KY 42539

**01 DIMENSION FLOOR PLAN**  
 SCALE: 1/4" = 1'-0"

SEE SHEET A1.01 FOR GENERAL NOTES

Keyes Architects and Associates expressly reserve its common law copyright and other proprietary rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

DIMENSION FLOOR PLAN  
**A1.02**



EQUIPMENT SCHEDULE							
ITEM NO	QTY	EQUIPMENT CATEGORY	MANUFACTURER	MODEL NUMBER	OFOI	OFCI	CFCI
1	1	WALK-IN COOLER			●		
2	1	OUTDOOR CONDENSING UNIT			●		
3	1	BEER CAVE WALK-IN COOLER			●		
4	1	OUTDOOR CONDENSING UNIT			●		
5	1	MULTI-DECK ISLAND MERCHANDISER	HUSSMAN	IM-04-R	●		
6	1	OUTDOOR CONDENSING UNIT			●		
7	1	NOT USED					
8	1	NOT USED					
9	1	4 WELL HOT FOOD TABLE	DELFIELD		●		
10	1	HOT FOOD MERCHANDISER	HATCO	120V-1500 WATTS	●		
11	1	CONVECTION OVEN WITH HOLDING CABINET	MOFAT	TURBOFAN OVEN W/ PBM PROOFER HOLDER	●		
12	1	FLOOR MODEL GAS FRYER	PITCO	SOLSTICE 5014	●		
13	1	GRIDDLE	STAR	824T3A	●		
13.1	1	SS BASE CABINET W/ ROLLERS			●		
14	1	EXHAUST HOOD	CAPTIVE AIRE		●		
15	1	WALK-IN FREEZER			●		
16	1	OUTDOOR CONDENSING UNIT			●		
17	1	DELI WALK-IN			●		
18	1	OUTDOOR CONDENSING UNIT			●		
19	1	REMOTE ICE MAKER (INSTALLED ON FOUNTAIN)	SCOTSMAN	N1322R-32A	●		
20	3	OUTDOOR REMOTE CONDENSER			●		
21	1	WORKTOP SOLID DOOR FREEZER	TRUE	TWT 48F-HC	●		
22	2	FOOD PREP TABLE	TRUE	TSSU-48-12	●		
23	1	SODA FOUNTAIN			●		
24	1	TEA BREWER			●		
25	1	FREAL MIXER	FREAL	BLENDER	●		
26	1	FREAL FREEZER	FREAL	SINGLE DOOR FREEZER	●		
27	1	FREEZE MACHINE	TAYLOR CROWN		●		
28	1	COFFEE MAKER			●		
29	2	MICROWAVE			●		
30	1	INDUCTION RANGE			●		
31	1	BAKED GOODS			●		
32	1	DONUT CASE			●		
33	1	FRAPP MACHINE	BUNN	ULTRA 2/P BLK	●		
34	1	CHOC. CAPPU MACHINE	BUNN	MIX-SS+	●		
35	1	CAPPUCCINO MACHINE	BUNN	MIX-SS+	●		
36	3	BEAN TO COFFEE	BUNN	FAST CLIP	●		
37	1	CREAMER	NESTLE	2 HEAD DISPENSER	●		
38	1	SUGAR	PERFECT SERVINGS	POWDER DISPENSER	●		
39	1	PAN CABINET			●		
40	1	HAND SINK, INTERGAL WITH COUNTERTOP			●		
41	1	WATER FILTER	PENTAIR	EV9457-10 HIGH FLOW CSR QUAD-MC SYSTEM	●		
42	1	MOP SINK, RECESSED			●		
42.1	1	FAUCET			●		
42.2	1	MOP HANGER			●		
43	1	DISHWASHER			●		
43.1	1	SIDE TABLE			●		
43.2	1	RINSE TABLE - INTREGAL SINK W/ DISPOSAL			●		
44	1	3-COMPARTMENT SINK	JOHN BOOS	38184-3218-16GA	●		
44.1	1	FAUCET - WALL MOUNTED WITH 12" SWING			●		
45	1	WALL MOUNT SHELVING (14" X 36")	EAGLE - METAL MASTERS	GWB1436VG	●		
46	1	HAND SINK - WALL MOUNT	MANSFIELD GRAND ISLE	2018MNS VITREOUS CHINA	●		
46.1	1	FAUCET	AMERICAN STANDARD	RELIANT 3 - 7385.004	●		
47	3	POS TERMINALS			●		
48	1	BAG-IN-BOX			●		
49	1	WIRE SHELVING (18" X 36") W/ ROLLERS	EAGLE - METAL MASTERS	1836VG	●		
50	1	WIRE SHELVING (24" X 36") W/ ROLLERS	EAGLE - METAL MASTERS	2436VG	●		
51	4	SUSPENDED TV MONITORS			●		
52	1						
53	1						



**KEYES ARCHITECTS & ASSOCIATES**  
 4717 PRESTON HIGHWAY  
 LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
 511 NORTH WALLACE BLVD.  
 LIBERTY KY 42539

**01 EQUIPMENT & CASEWORK PLAN**  
 SCALE: 1/4" = 1'-0"

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

### FLOOR FINISH SCHEDULE

T-CODES = TILES USED ON FLOORS. WALL TILES MAY BE FOUND ON INTERIOR ELEVATIONS

MAIN TILE FIELD A -	
	FT1- 12 x 12 PORCELAIN STONE TILE / #VL78 - ACCENT BROWN WITH 3/16" GROUT LINES - BRICKWORK PATTERN WITH #145 LIGHT SMOKE SANDED GROUT.
MAIN TILE FIELD B -	
	FT2- 6 X 24 COLORBODY PORCELAIN TILE / ##HO3 TEAK WITH 3/16" GROUT LINES - WITH #59 SADDLE BROWN SANDED GROUT.

NOTE:  
1. TILE TO RUN CONTINUOUS UNDER CABINETS.  
2. "GROUT BOOST" TO BE USED TO MIX GROUT INSTEAD OF WATER.

### SHEET NOTES:

- 1 APPLY "MASTERKURE HD 200WB", ON FLOORS WHERE NOTED.
- 2 THROUGHOUT RESTROOM AREA, REFER TO INTERIOR ELEVATIONS FOR MORE INFORMATION.
- 3 REFER TO INTERIOR ELEVATIONS
- 4 NO TILE BEHIND SHELVING.
- 5 APPLY "MASTERKURE ND 200WB" TO ALL EXTERIOR SIDEWALKS, EQUIPMENT PADS AND DUMPSTER PADS.
- 6 PAINT ROOF LADDER.
- 7 PAINT WALL PER INTERIOR FINISH SCHEDULE - SEE A3.04 FOR MORE INFORMATION
- 8 EPOXY COATED FLOORS, WHERE NOTED.



**01** FINISH FLOOR PLAN  
SCALE: 1/4" = 1'-0"



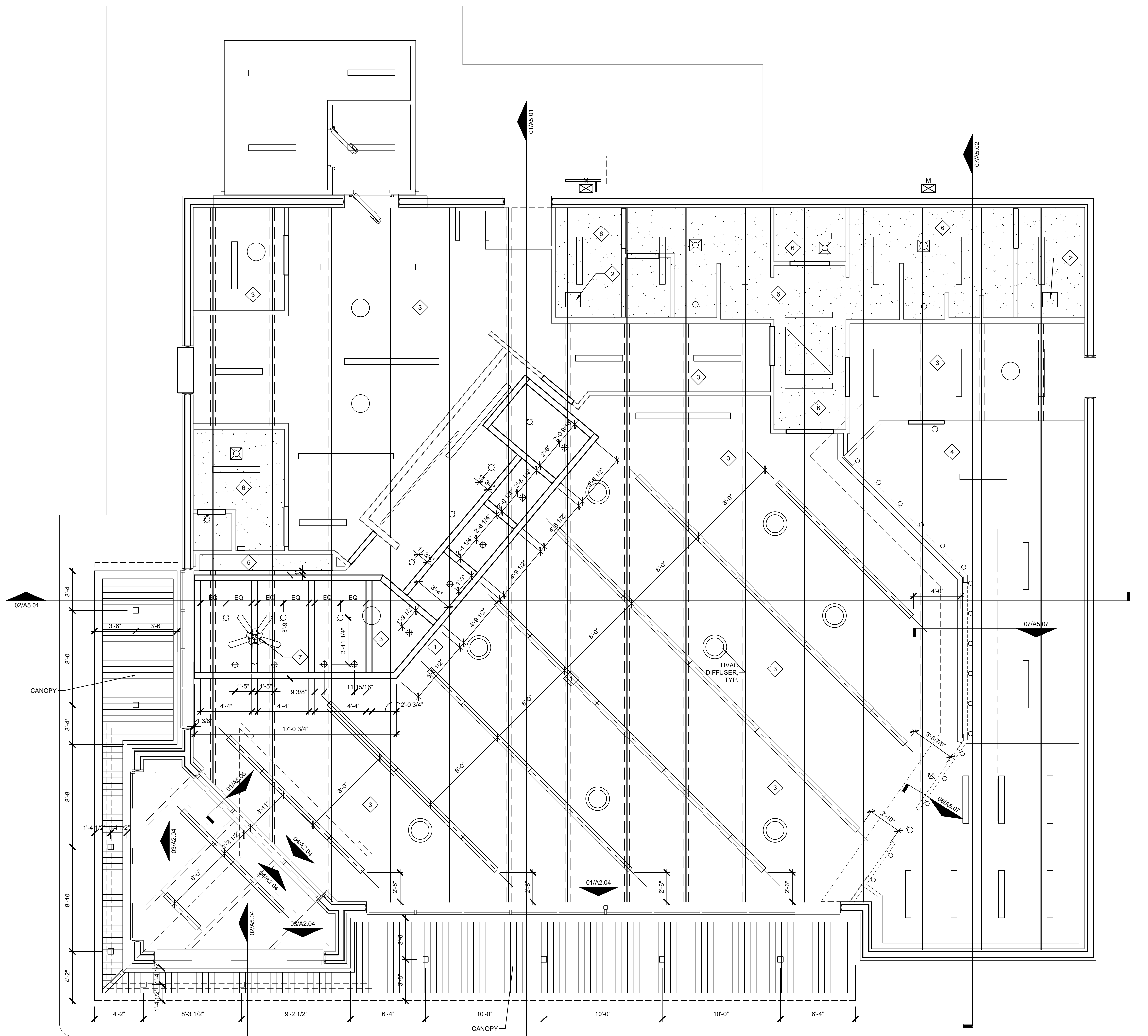
**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

FINISH PLAN

**A1.04**

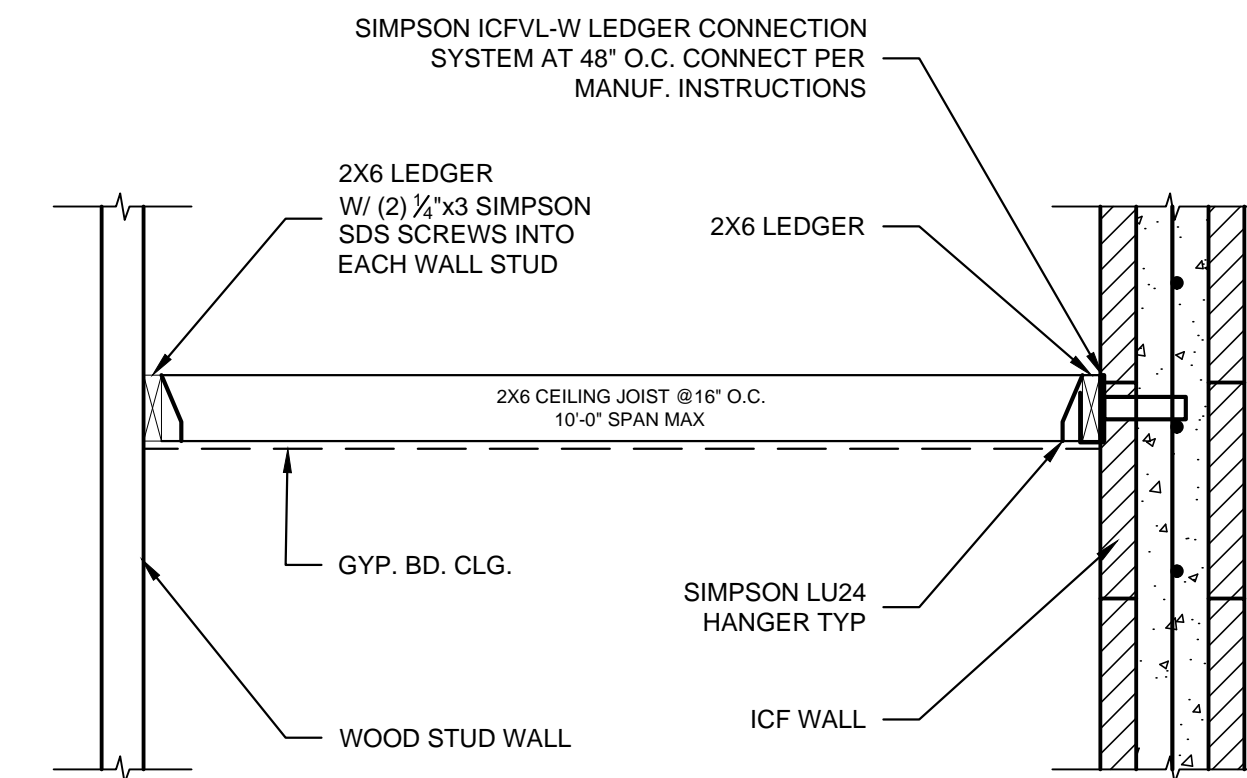


**01 REFLECTED CEILING PLAN**  
SCALE: 1/4" = 1'-0"

**SHEET NOTES:**

- 1 CEDAR WOOD BEAMS: BEAMS SHALL BE SEALED WITH CLEAR SEALER. TOPS OF CEDAR BEAMS SHALL BE SANDED BEFORE INSTALLATION. SUSPENSION RODS SHALL BE PAINTED TO MATCH THE CEILING. STEEL CONNECTOR PLATES SHALL BE PAINTED BLACK. REFER TO STRUCTURAL DRAWINGS FOR STEEL CONNECTOR PLATES.
- 2 24"x24" HIGH PLYWOOD DOOR WITH HINGES, HANDLE AND SLIDE BOLT TO ACCESS THE AREA ABOVE THE RESTROOM. TRIM WITH 1x TRIM, PAINT ALL.
- 3 OPEN TO STRUCTURE.
- 4 OPEN TO STRUCTURE ABOVE COOLERS.
- 5 GYP. BD. CEILING @ 10'-0" A.F.F.
- 6 GYP. BD. CEILING @ 9'-6" A.F.F.
- 7 CEILING FAN IN CASHIER AREA
- 8 CEILING AT 10'-0" TO MATCH THE METAL DECK ABOVE.

NOTE SYMBOL



**02 GYP. BD. CLNG. FRAMING**  
SCALE: 3/4" = 1'-0"

PROJECT NO:  
21-4154  
DRAWN BY:  
HWC/  
DATE:  
04-30-21



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

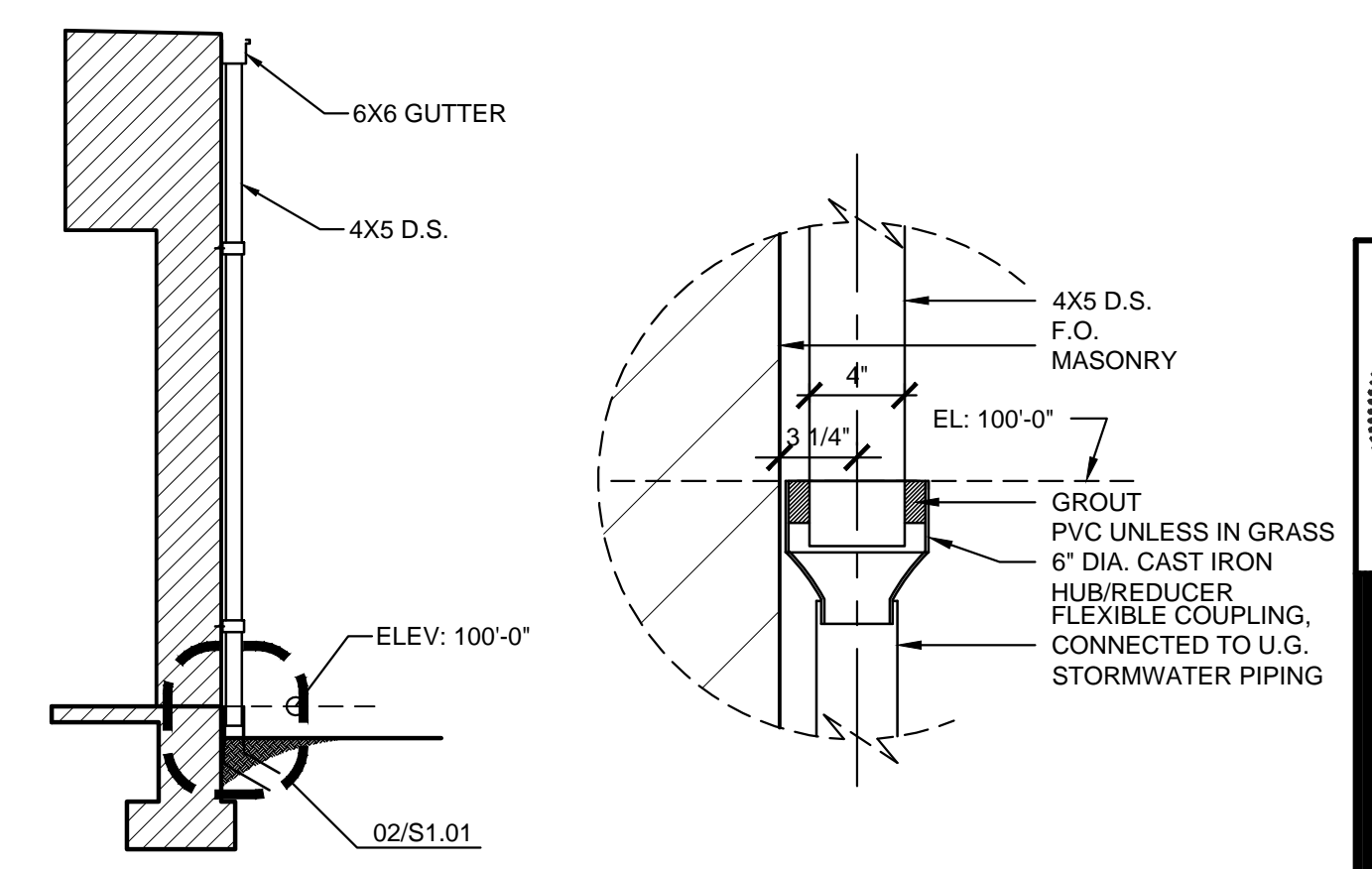
REFLECTED CEILING PLAN

**A1.05**

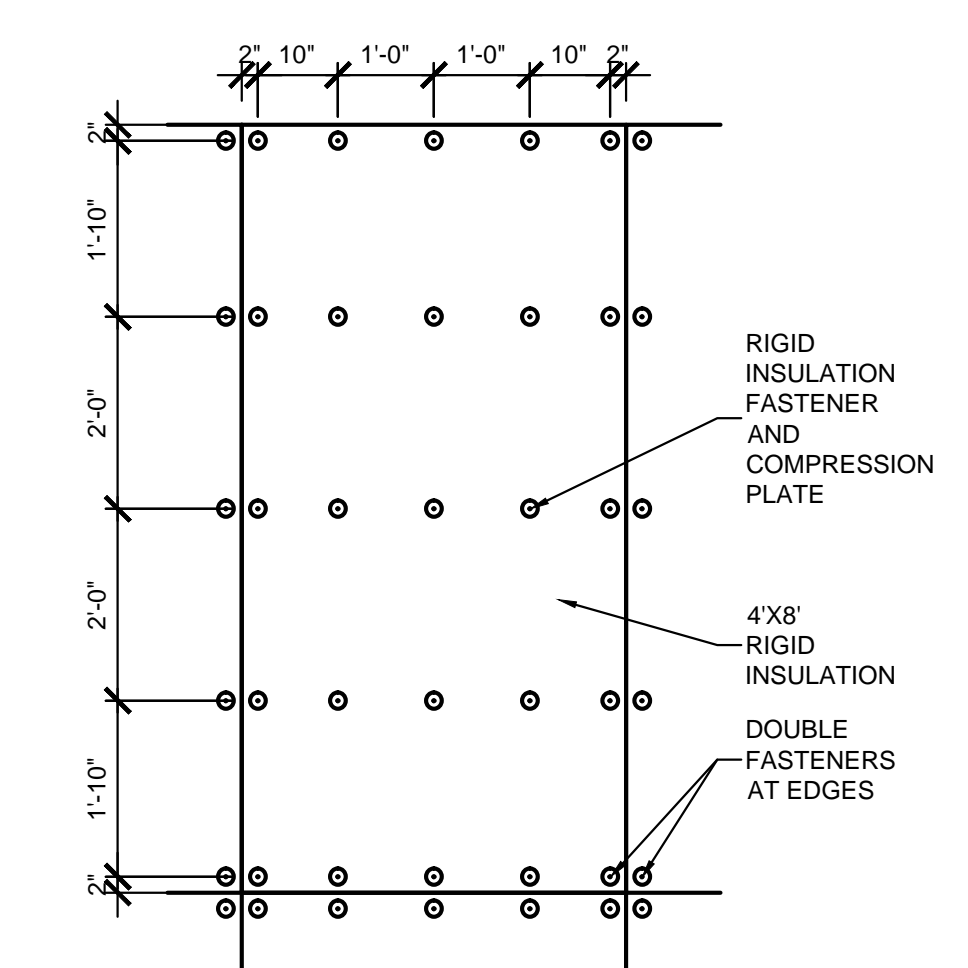


ROOF NOTES:

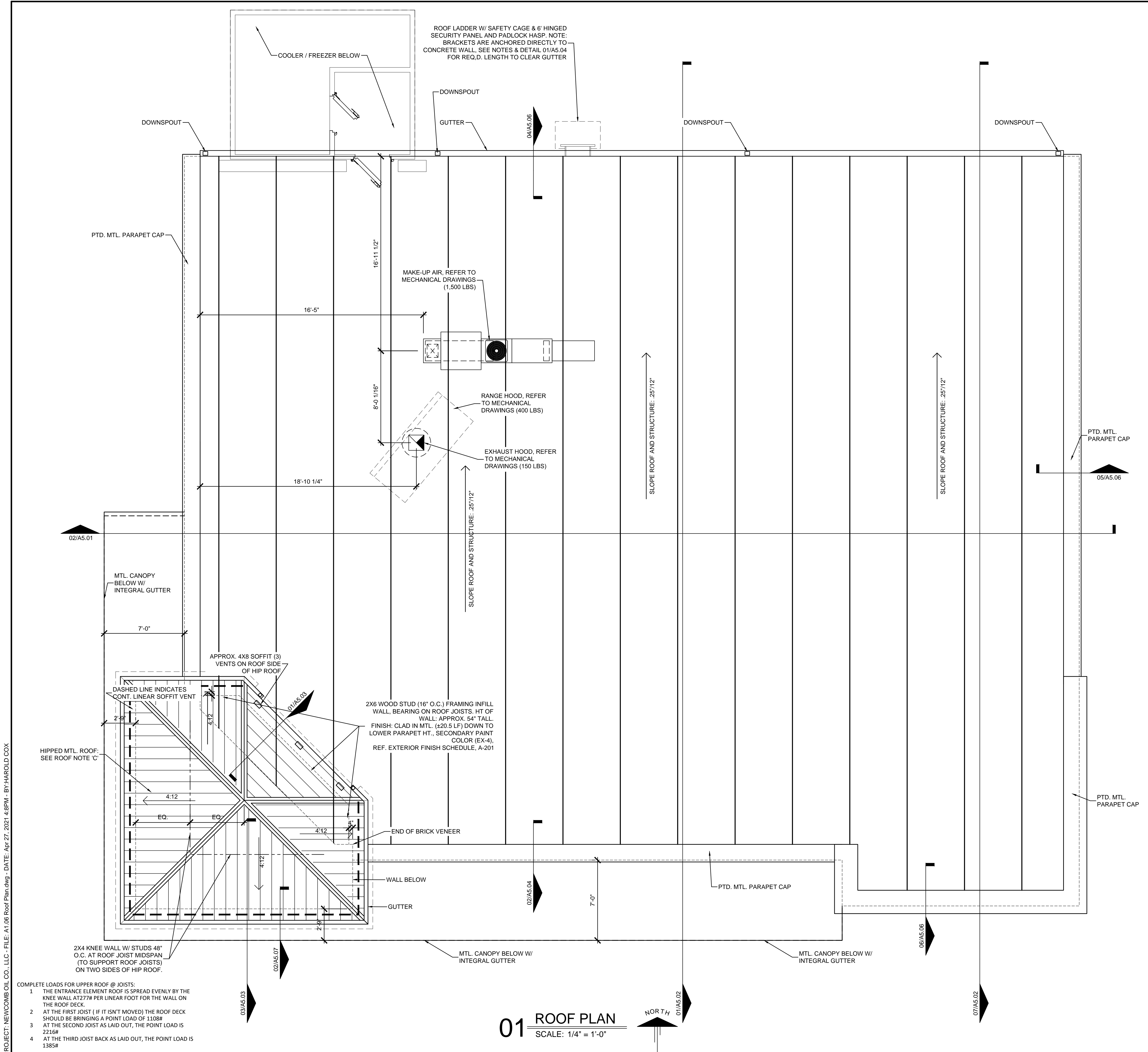
- A. ROOF MEMBRANE: SINGLE PLY PVC 60 MIL. MEMBRANE, COLOR: WHITE, FULLY ADHERED. BASIS OF DESIGN: DURO-LAST (WITH SUPREME 15-YEAR NDL WARRANTY) OR APPROVED EQUAL.
- B. ROOF DESIGN MIN. R-VALUE: R-30. PROVIDE ROOF INSULATION TO MEET MIN. DESIGN R-VALUE.
- C. METAL ROOF: 1.5" MINI BATTEN BY METAL SALES' STANDING SEAM ROOF. 24GA. KYNAR FINISH (COLOR: #PATRIOT RED, CONFIRM FINAL COLOR WITH OWNER) OVER 30# FELT (40 MIL MIN. THICKNESS SELF-ADHERING MEMBRANE MAY BE USED IN PLACE OF FELT) OVER ROOF SHEATHING. PROVIDE LINEAR SOFFIT VENTS ON NON ROOF SIDES; ON ROOF SIDE, PROVIDE (2) RECT. ALUM. SOFFIT VENTS, PTD. TO MATCH ADJACENT METAL COLOR.
- D. GUTTERS AND DOWNSPOUTS: SEE ELEVATIONS AND DETAILS FOR ADDITIONAL INFORMATION. ALL DOWNSPOUTS TO BE ROUTED BELOW GRADE. REFER TO CIVIL FOR ADDITIONAL INFORMATION.
- E. ROOF LADDER: CONFIRM ACCESS LADDER TO BE USED WITH OWNER.
- F. REFER TO MEP DRAWINGS FOR ADDITIONAL NOTES FOR MEP ROOF WORK.
- G. USE GUTTER SEALANT "GEOCELL 2315LRF". WWW.GEOCELLUSA.COM. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. ALL JOINTS, BULGES, CRACKS AND SEAMS SHALL TO BE LESS THAN 1/4". REINFORCING MESH NOT REQUIRED.
- H. GUTTERS SEGMENTS MUST LAP A MINIMUM OF 3".
- I. GUTTERS SHALL BE TESTED FOR LEAKS BY DAMNING ALL DOWNSPOUTS AND FILLING GUTTERS WITH 2" (APPROX.) OF WATER.



02 DOWNSPOUT DETAIL  
SCALE: 1-1/2" = 1'-0"



03 FASTNER PATTERN  
SCALE: 1-1/2" = 1'-0"



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



- COMPLETE LOADS FOR UPPER ROOF @ JOISTS:
- 1 THE ENTRANCE ELEMENT ROOF IS SPREAD EVENLY BY THE KNEE WALL AT 277# PER LINEAR FOOT FOR THE WALL ON THE ROOF DECK.
  - 2 AT THE FIRST JOIST (IF IT ISN'T MOVED) THE ROOF DECK SHOULD BE BRINGING A POINT LOAD OF 1108#
  - 3 AT THE SECOND JOIST AS LAID OUT, THE POINT LOAD IS 2216#
  - 4 AT THE THIRD JOIST BACK AS LAID OUT, THE POINT LOAD IS 1385#

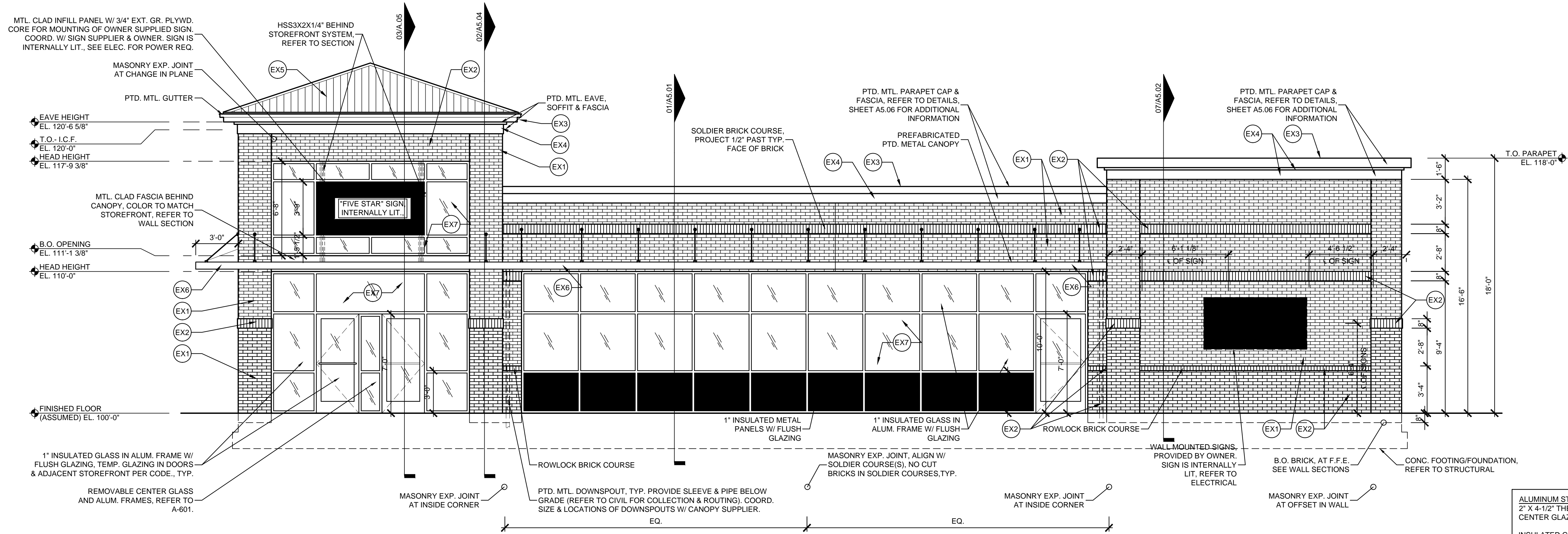


**KEYES ARCHITECTS & ASSOCIATES**  
 4717 PRESTON HIGHWAY  
 LOUISVILLE, KENTUCKY 40213 (502) 636-5113

**NEWCOMB OIL CO., LLC**  
 FIVESTAR STORE #5150  
 511 NORTH WALLACE BLVD.  
 LIBERTY KY 42539

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

PROJECT: NEWCOMB OIL CO. LLC - FILE: A1.06 Roof Plan.dwg - DATE: Apr 27, 2021 4:8PM - BY: HAROLD COX



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

ALUMINIUM STOREFRONT: AS MANUFACTURED BY TRULITE  
2" X 4-1/2" THERMALLY BROKEN, DARK BRONZE ANODIZED,  
CENTER GLAZED

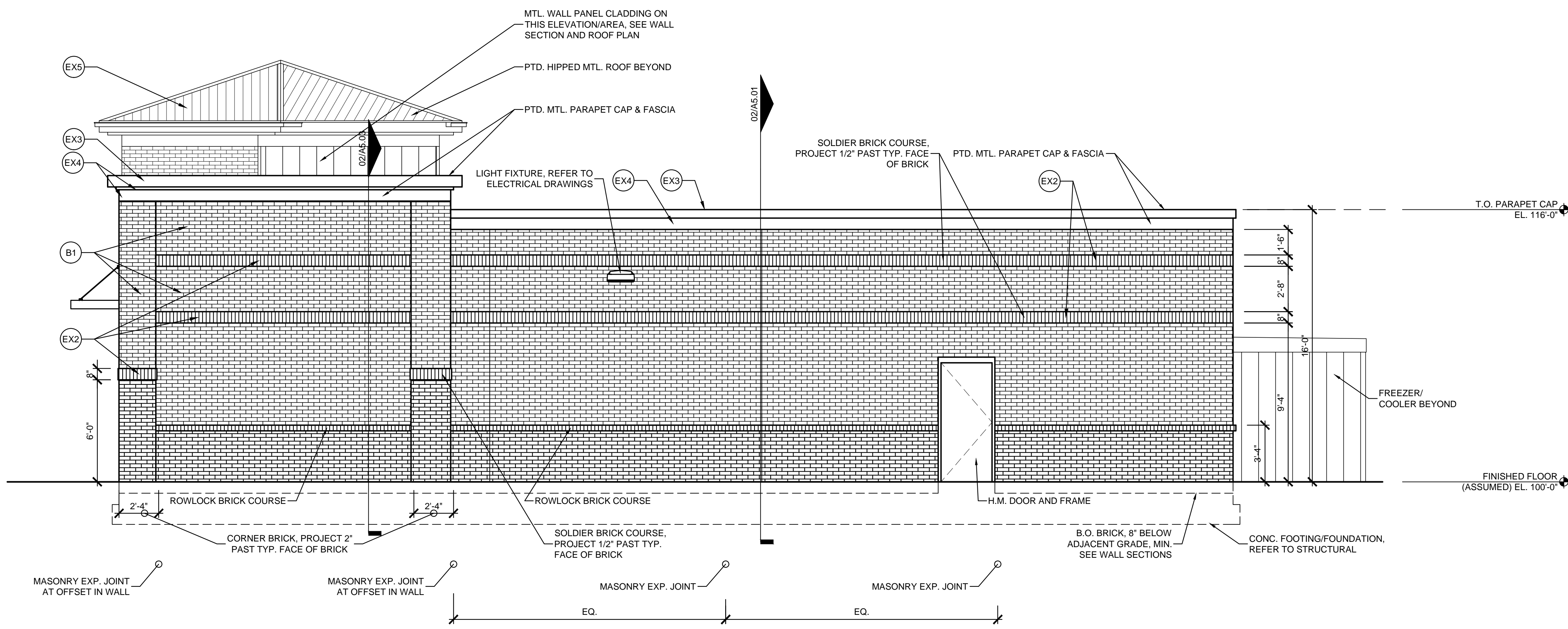
INSULATED GLASS:  
1" INSULATED, SOLAR BRONZE, (HEAT STRENGTHENED)  
OVER "GUARDIAN SUNGUARD SN-68", FULLY TEMPERED  
BOTH LIGHTS AS REQUIRED BY CODE.

INSULATED PANELS:  
1" INSULATED, DARK BRONZE, "CITADEL GLAZE GUARD 1000  
WR", - PRE-FINISHED TEXTURED ALUMINUM SKINS .010"  
HIGH DENSITY POLYPROPYLENE STABILIZERS, EXPANDED  
POLYSTYRENE FOAM (EPS) CORE 5/8"

EXTERIOR FINISH SCHEDULE			
CODE	DESCRIPTION	COLOR/TYPE	MANUFACTURER NOTES
EX1	EXTERIOR BRICK	COLOR:"CHARLESTON WELLINGTON"	SIoux CITY
		TYPE: MODULAR BRICK	
EX2	EXTERIOR BRICK	COLOR:"WHITE PLAINS"	SIoux CITY
		TYPE: MODULAR BRICK	
EX3	METAL PARAPET CAP (RED)	COLOR:#PATRIOT RED (METALLIC)	METAL SALES
		TYPE: 24GA. KYNAR FINISH	
EX4	METAL FASCIA (GREY)	COLOR:#MYSTIC PLUS	METAL SALES
		TYPE: 24GA. KYNAR FINISH	
EX5	METAL ROOF (RED)	COLOR:#PATRIOT RED (METALLIC)	METAL SALES
		'TEE PANEL' STANDING SEAM ROOF	TYPE: 24GA. KYNAR FINISH
EX6	METAL CANOPY (RED)	COLOR:#PATRIOT RED METALLIC	TENNESSEE VALLEY METALS
		(DECKING&D.S., GREY)	COLOR:#MYSTIC PLUS
EX7	ALUMINIUM STOREFRONT	SEE NOTES BELOW	
		GLAZING	SEE NOTES BELOW
	INSULATED MTL PANEL	SEE NOTES BELOW	

- EXTERIOR ELEVATIONS GENERAL NOTES**
1. PROVIDE MATERIAL COLOR & FINISH SAMPLES FOR APPROVAL (BY OWNER)
  2. PROVIDE LOW WEEP VENTS IN VENER MASONRY, 24" O.C. MAX. USE 3/8" HONEYCOMB VENT
  3. MASONRY EXPANSION JOINTS: PROVIDE SANDED SEALANT (MATCH MORTAR) W/ COMPRESSIBLE BACKER. SEALANT TO COMPLY W/ ASTM C290, CLASS 50 SPECIFICATIONS.
  4. SIGNAGE: COORDINATE SIGN SIZE, POWER REQUIREMENTS, AND LAYOUT WITH SUPPLIER PRIOR TO INSTALLATION OF STOREFRONT.
  5. CANOPY: REFER TO STRUCTURAL FOR REQUIRED LOADING, CANOPY & DOWNSPOUTS SHOWN FOR REFERENCE. FINAL DESIGN & DETAILING BY CANOPY SUPPLIER. SUBMIT TO OWNER FOR APPROVAL.
  6. ALL DOWNSPOUTS TO BE SLEEVED AND ROUTED BELOW GRADE. COORDINATE WITH CIVIL FOR COLLECTION AND MANAGEMENT OF WATER ON SITE.
  7. GUTTERS SHALL BE TESTED FOR LEAKS BY DAMMING ALL DOWNSPOUTS AND FILLING GUTTERS WITH 2" (APPROX.) OF WATER.
  8. REFER TO FINISH SCHEDULE FOR HM DOOR AND FRAME PAINT COLORS.

Keys Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keys Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208



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



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

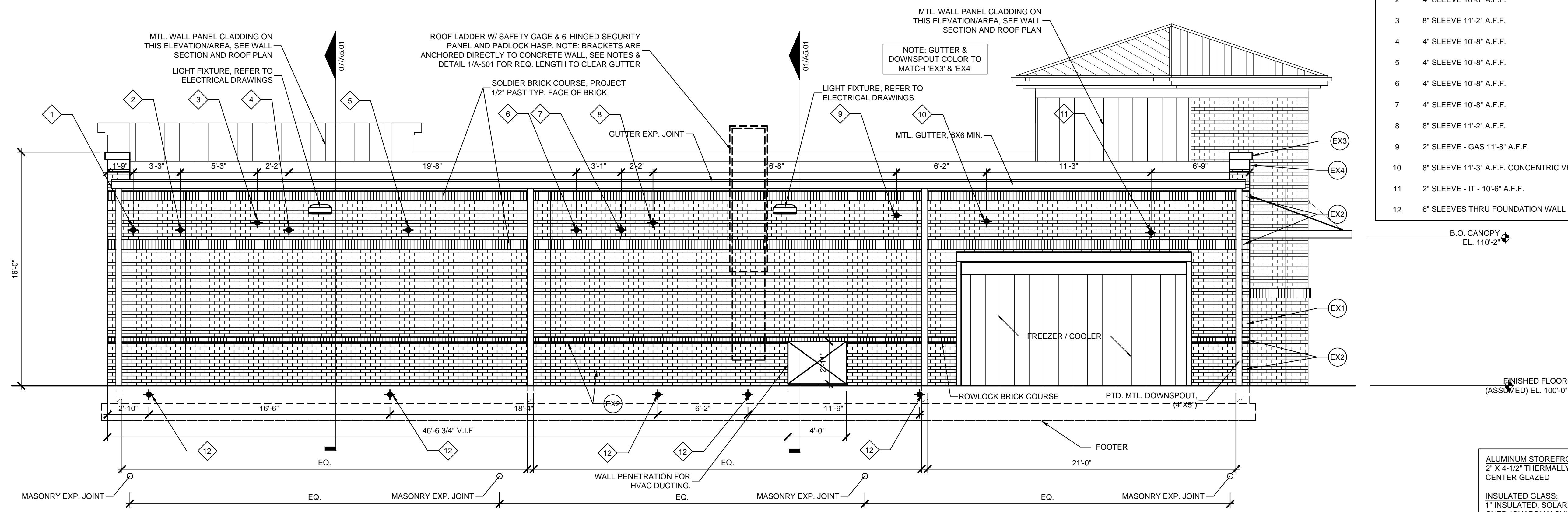
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

PROJECT: NEWCOMB OIL CO. LLC - FILE: A2.01 Exterior Elevations.dwg - DATE: Apr 27, 2021, 4:48PM - BY: HAROLD COX

**SHEET NOTES:**

- 1 3" SLEEVE - GAS 11'-8" A.F.F.
- 2 4" SLEEVE 10'-8" A.F.F.
- 3 8" SLEEVE 11'-2" A.F.F.
- 4 4" SLEEVE 10'-8" A.F.F.
- 5 4" SLEEVE 10'-8" A.F.F.
- 6 4" SLEEVE 10'-8" A.F.F.
- 7 4" SLEEVE 10'-8" A.F.F.
- 8 8" SLEEVE 11'-2" A.F.F.
- 9 2" SLEEVE - GAS 11'-8" A.F.F.
- 10 8" SLEEVE 11'-3" A.F.F. CONCENTRIC VENT WATER HEATER
- 11 2" SLEEVE - IT - 10'-6" A.F.F.
- 12 6" SLEEVES THRU FOUNDATION WALL (5 PLACES)

NOTE SYMBOL



**ELEVATION 02**  
SCALE: 1/4" = 1'-0"

**ALUMINUM STOREFRONT:** AS MANUFACTURED BY TRULITE 2' X 4'-1/2" THERMALLY BROKEN, DARK BRONZE ANODIZED, CENTER GLAZED

**INSULATED GLASS:** 1" INSULATED, SOLAR BRONZE, (HEAT STRENGTHENED) OVER "GUARDIAN SUNGUARD SN-68", FULLY TEMPERED BOTH LIGHTS AS REQUIRED BY CODE.

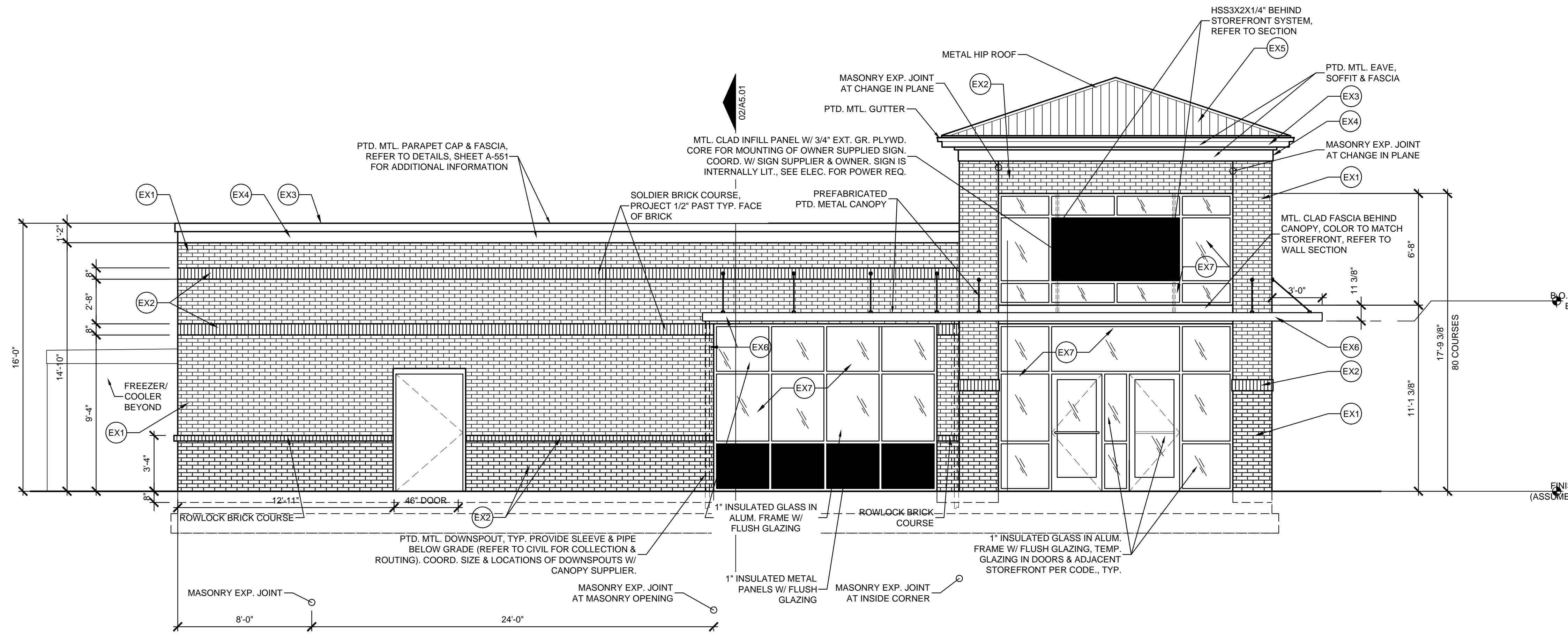
**INSULATED PANELS:** 1" INSULATED, DARK BRONZE, "CITADEL GLAZEGUARD 1000 W/RT", PRE-FINISHED TEXTURED ALUMINUM SKINS .010" HIGH DENSITY POLYPROPYLENE STABILIZERS, EXPANDED POLYSTYRENE FOAM (EPS) CORE 5/8"

**EXTERIOR FINISH SCHEDULE**

CODE	DESCRIPTION	COLOR/TYPE	MANUFACTURER NOTES
EX1	EXTERIOR BRICK	COLOR:"CHARLESTON WELLINGTON" TYPE: MODULAR BRICK	SIoux CITY
EX2	EXTERIOR BRICK	COLOR:"WHITE PLAINS" TYPE: MODULAR BRICK	SIoux CITY
EX3	METAL PARAPET CAP (RED)	COLOR:#PATRIOT RED (METALLIC) TYPE: 24GA. KYNAR FINISH	METAL SALES
EX4	METAL FASCIA (GREY)	COLOR:#MYSTIC PLUS TYPE: 24GA. KYNAR FINISH	METAL SALES
EX5	METAL ROOF (RED)	COLOR:#PATRIOT RED (METALLIC) TYPE: 24GA. KYNAR FINISH	METAL SALES
EX6	METAL CANOPY (RED)	COLOR:#PATRIOT RED METALLIC (DECKING&D.S., GREY)	TENNESSEE VALLEY METALS
EX7	ALUMINUM STOREFRONT	SEE NOTES BELOW	GALVANIZED
	GLAZING	SEE NOTES BELOW	
	INSULATED MTL. PANEL	SEE NOTES BELOW	

**EXTERIOR ELEVATIONS GENERAL NOTES**

1. PROVIDE MATERIAL COLOR & FINISH SAMPLES FOR APPROVAL (BY OWNER)
2. PROVIDE LOW WEEP VENTS IN VENEER MASONRY, 24" O.C. MAX. USE 3/8" HONEYCOMB VENT
3. MASONRY EXPANSION JOINTS: PROVIDE SANDED SEALANT (MATCH MORTAR) W/ COMPRESSIBLE BACKER. SEALANT TO COMPLY W/ ASTM C290, CLASS 50 SPECIFICATIONS.
4. SIGNAGE: COORDINATE SIGN SIZE, POWER REQUIREMENTS, AND LAYOUT WITH SUPPLIER PRIOR TO INSTALLATION OF STOREFRONT.
5. CANOPY: REFER TO STRUCTURAL FOR REQUIRED LOADING, CANOPY & DOWNSPOUTS SHOWN FOR REFERENCE. FINAL DESIGN & DETAILING BY CANOPY SUPPLIER. SUBMIT TO OWNER FOR APPROVAL.
6. ALL DOWNSPOUTS TO BE SLEEVED AND ROUTED BELOW GRADE. COORDINATE WITH CIVIL FOR COLLECTION AND MANAGEMENT OF WATER ON SITE.
7. GUTTERS SHALL BE TESTED FOR LEAKS BY DRAINING ALL DOWNSPOUTS AND FILING GUTTERS WITH 2" (APPROX.) OF WATER.
8. REFER TO FINISH SCHEDULE FOR HW DOOR AND FRAME PAINT COLORS.



**ELEVATION 01**  
SCALE: 1/4" = 1'-0"

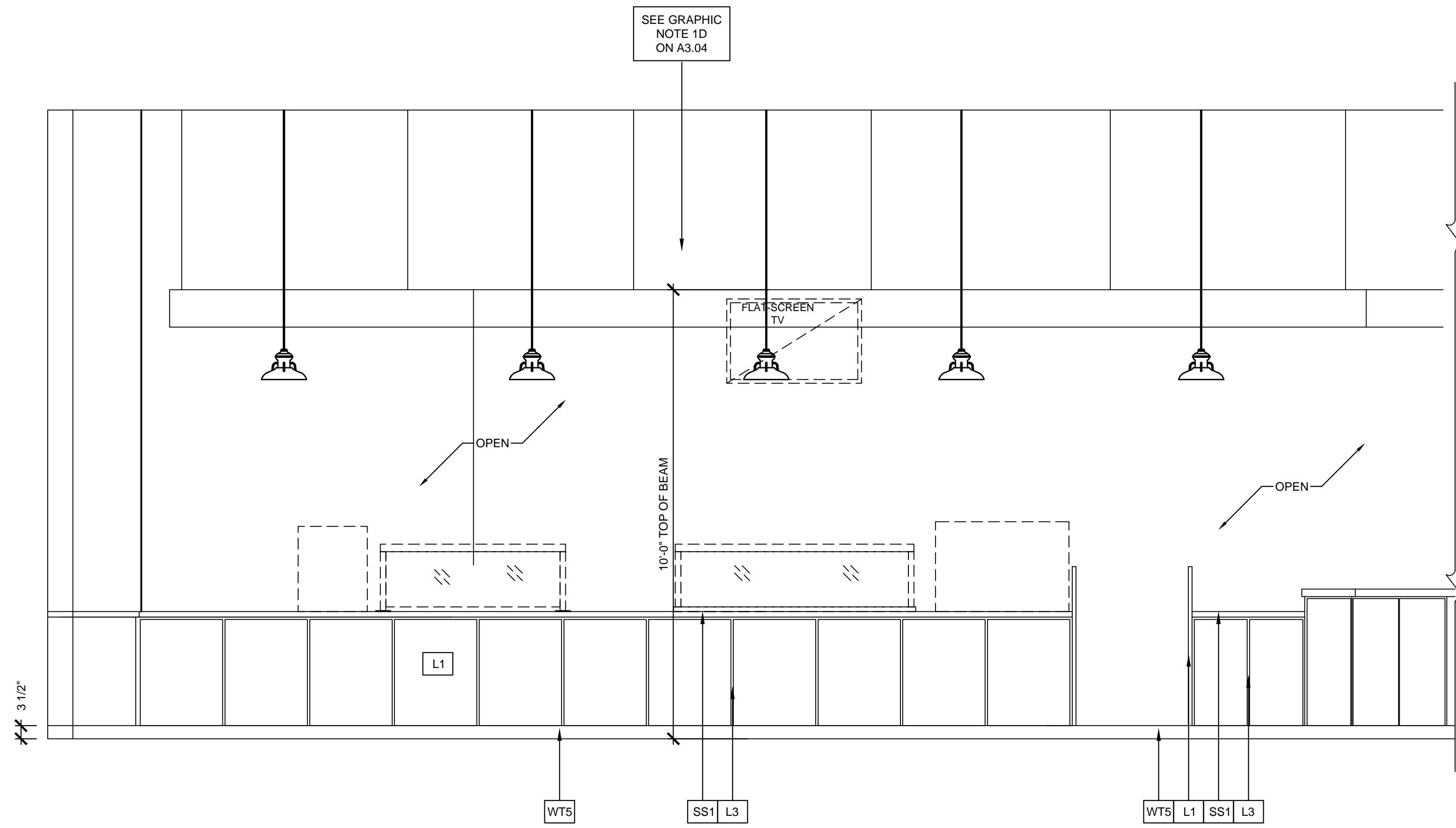


**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

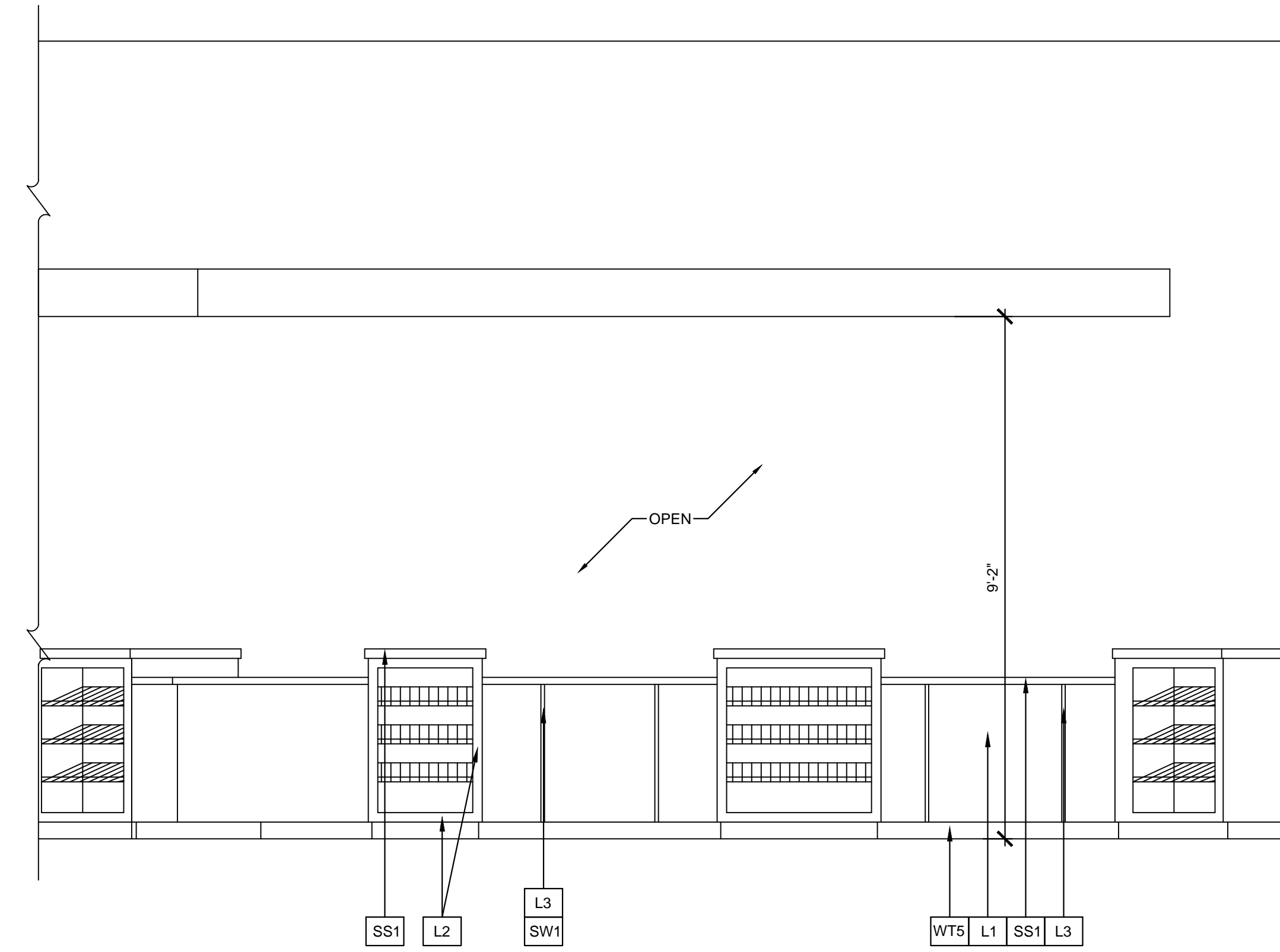
**NEWCOMB OIL CO., LLC**  
FIVESTAR STORE #5150  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42639

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

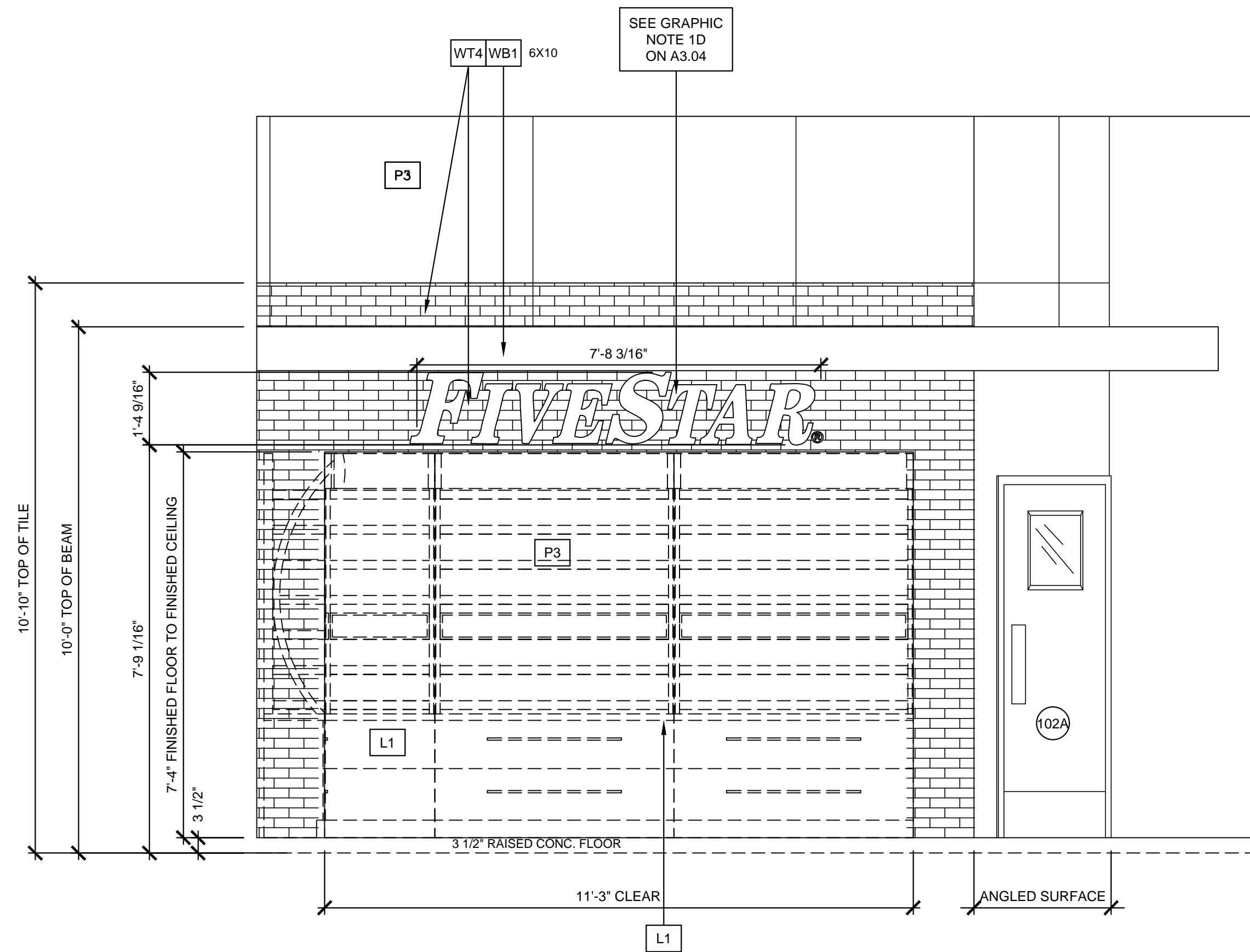
EXTERIOR ELEVATIONS



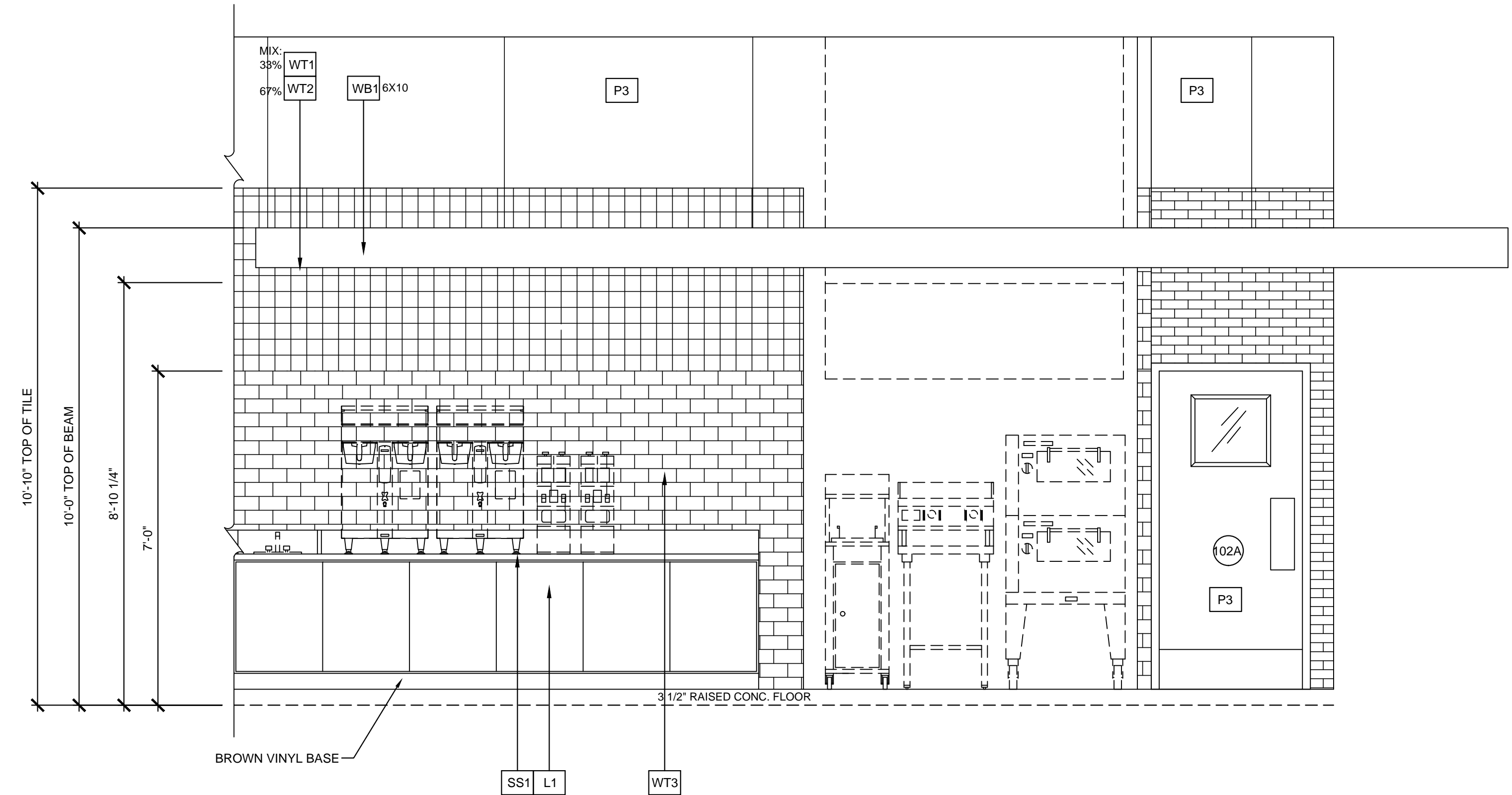
**04** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



**03** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



**02** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



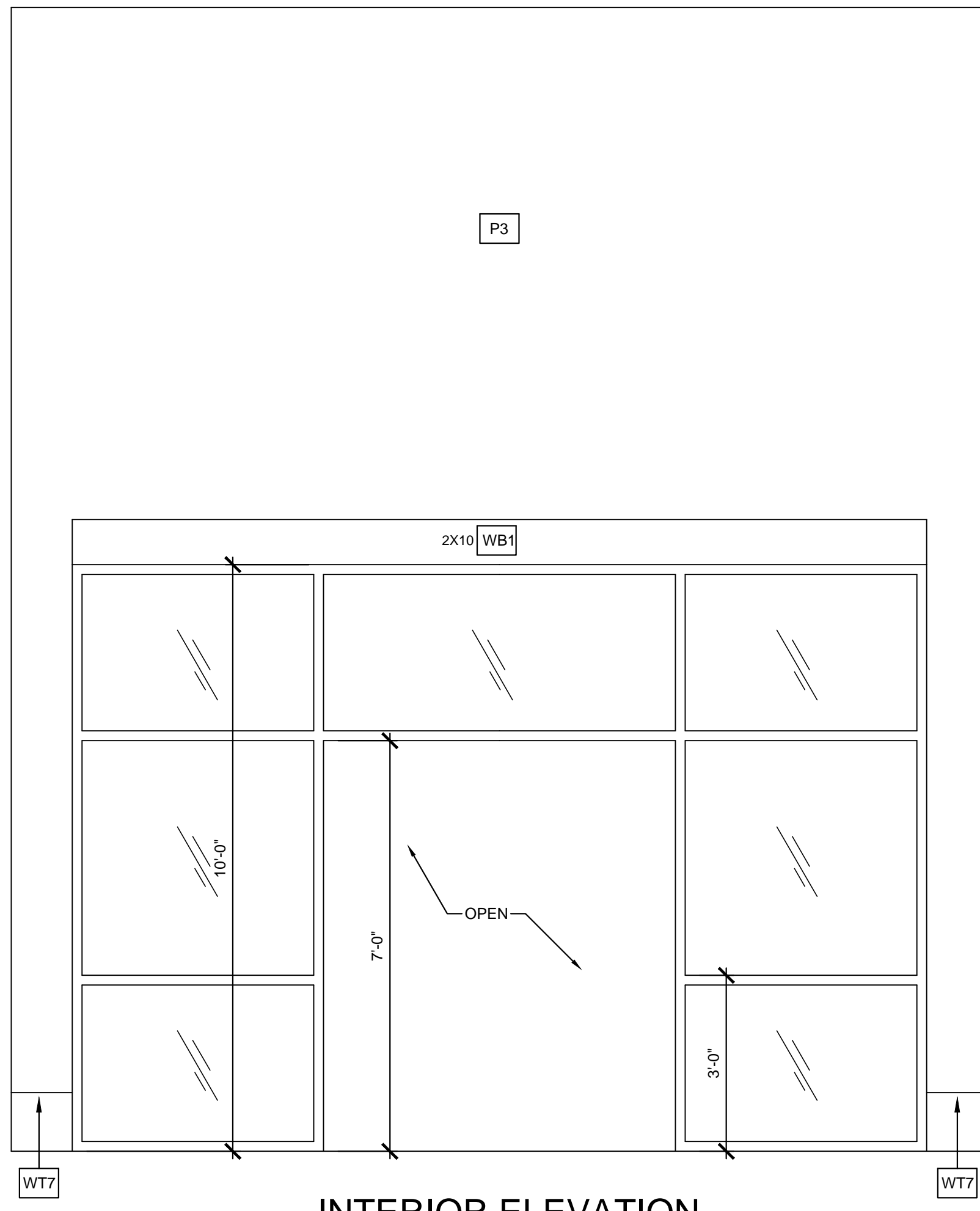
**01** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

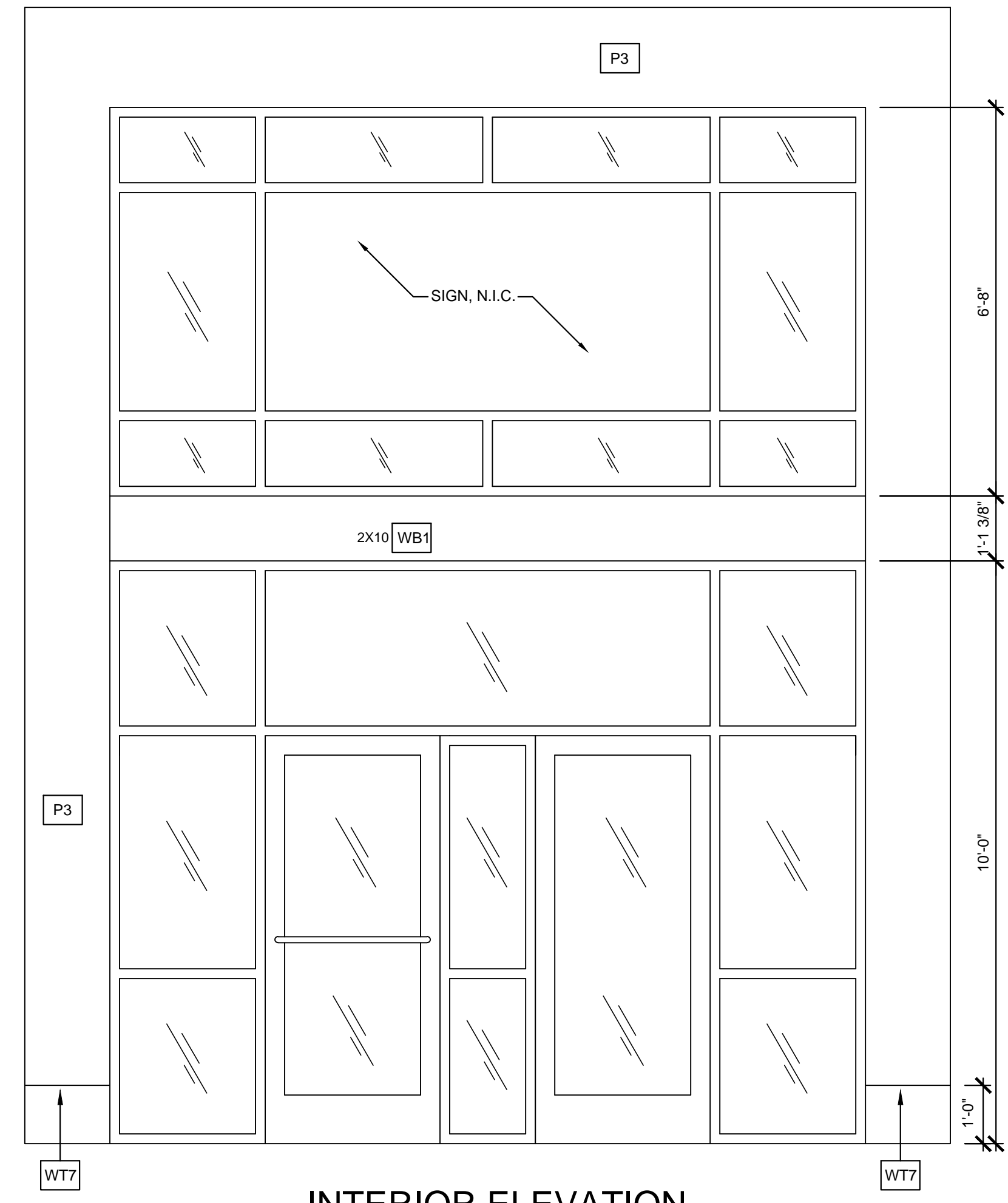


**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

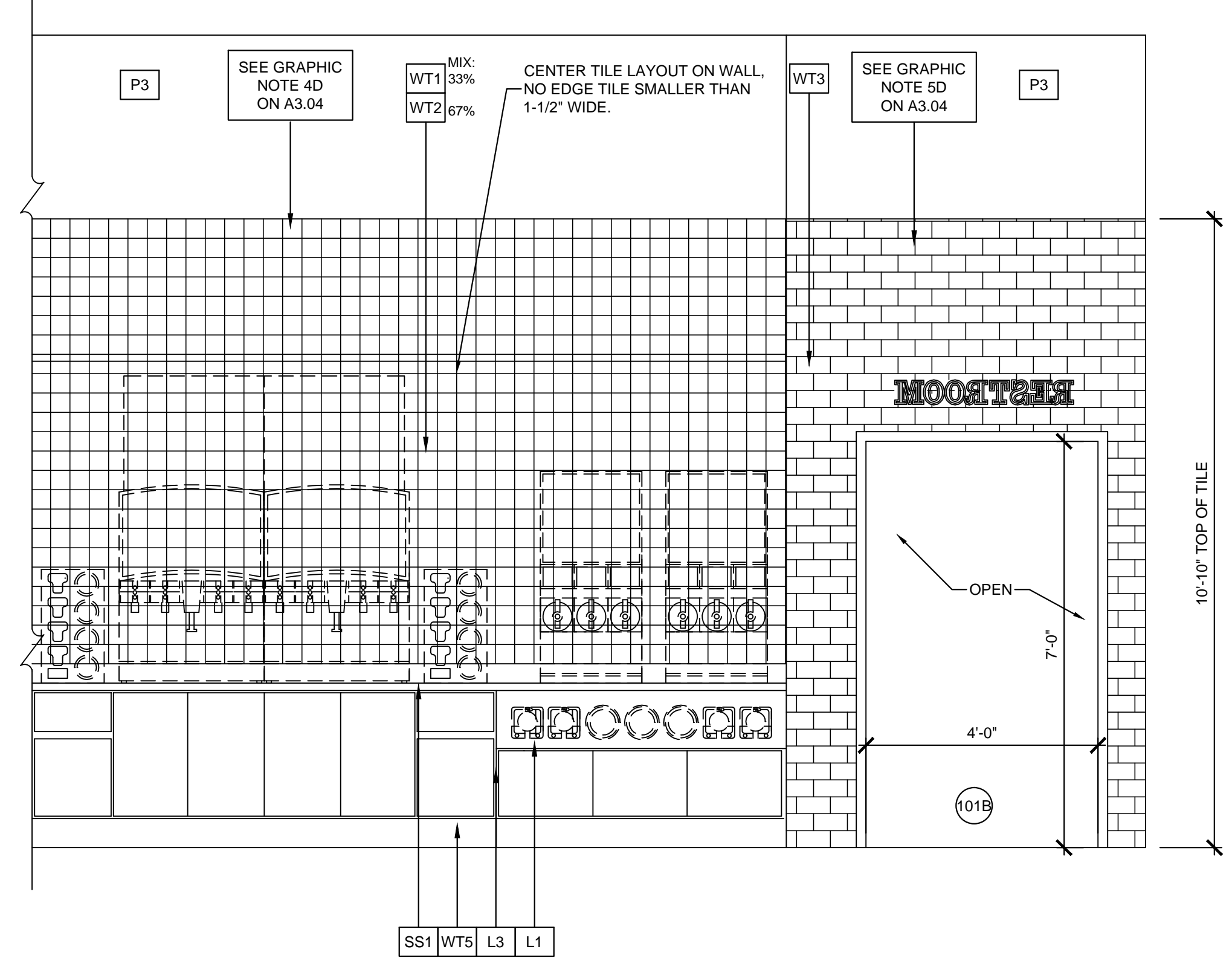
FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539



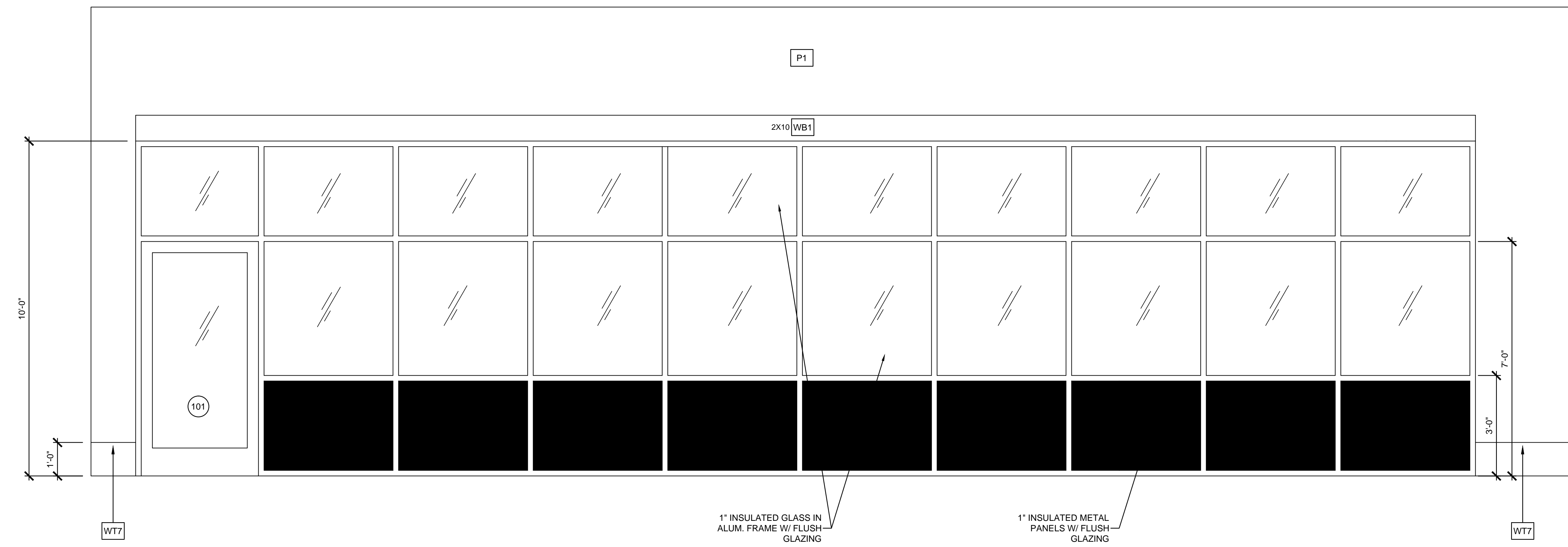
**04** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



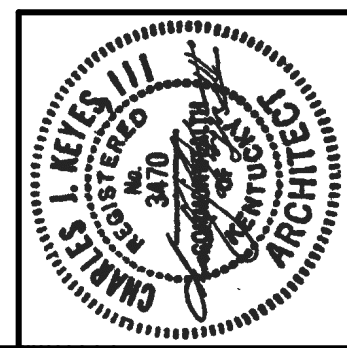
**03** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



**02** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



**01** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



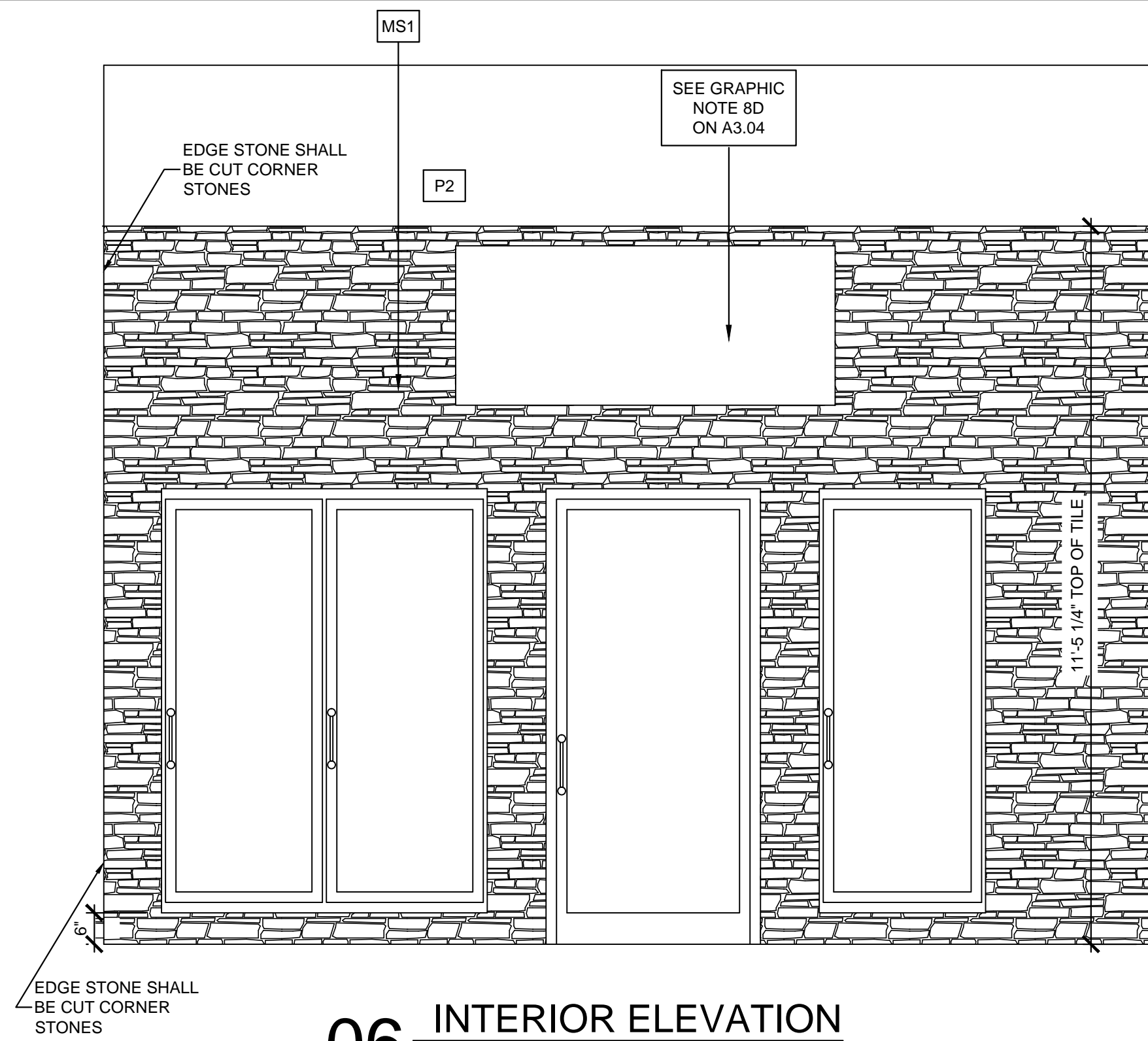
**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

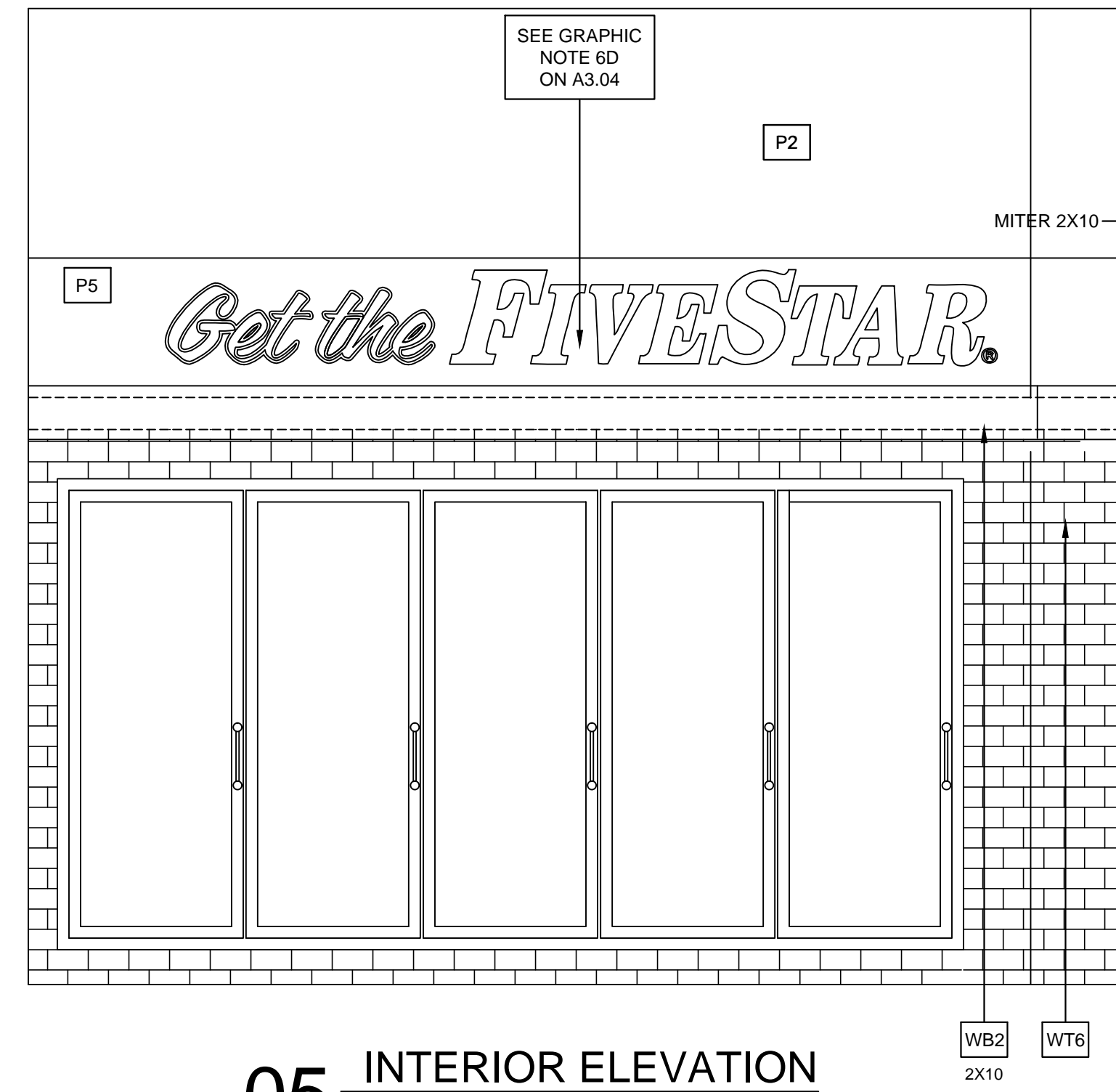
INTERIOR ELEVATIONS

**A2.04**

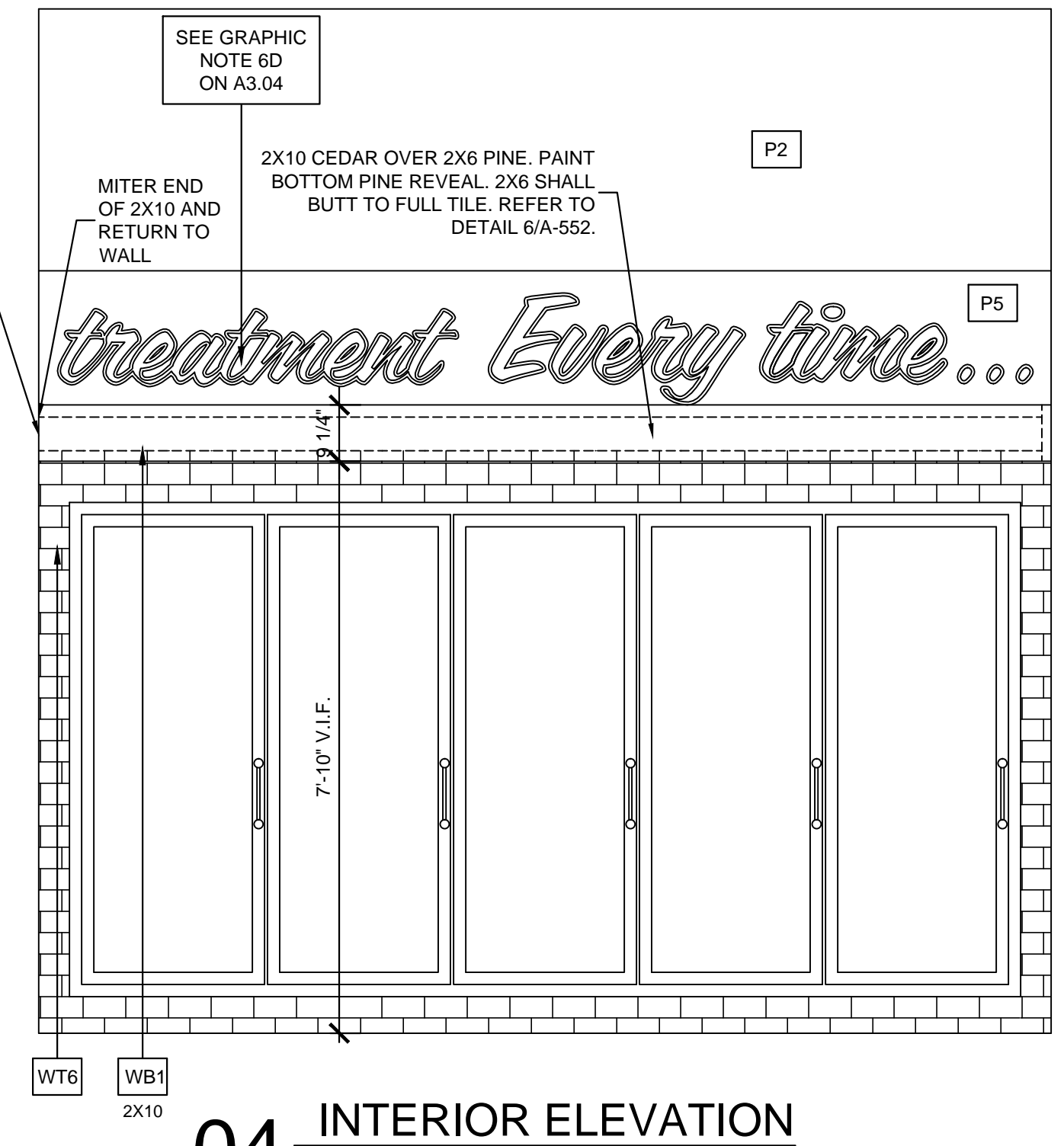
Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208



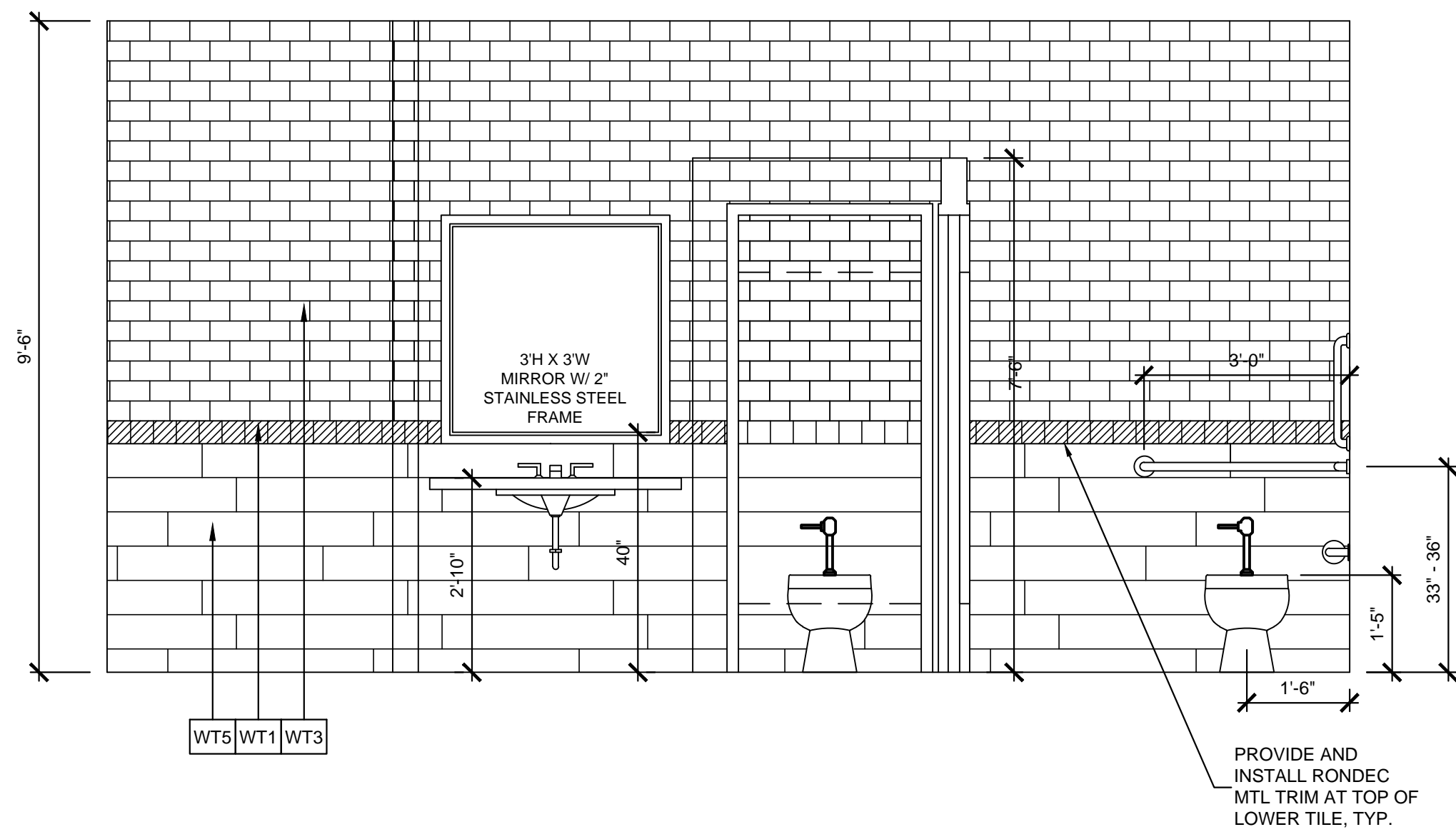
**06** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



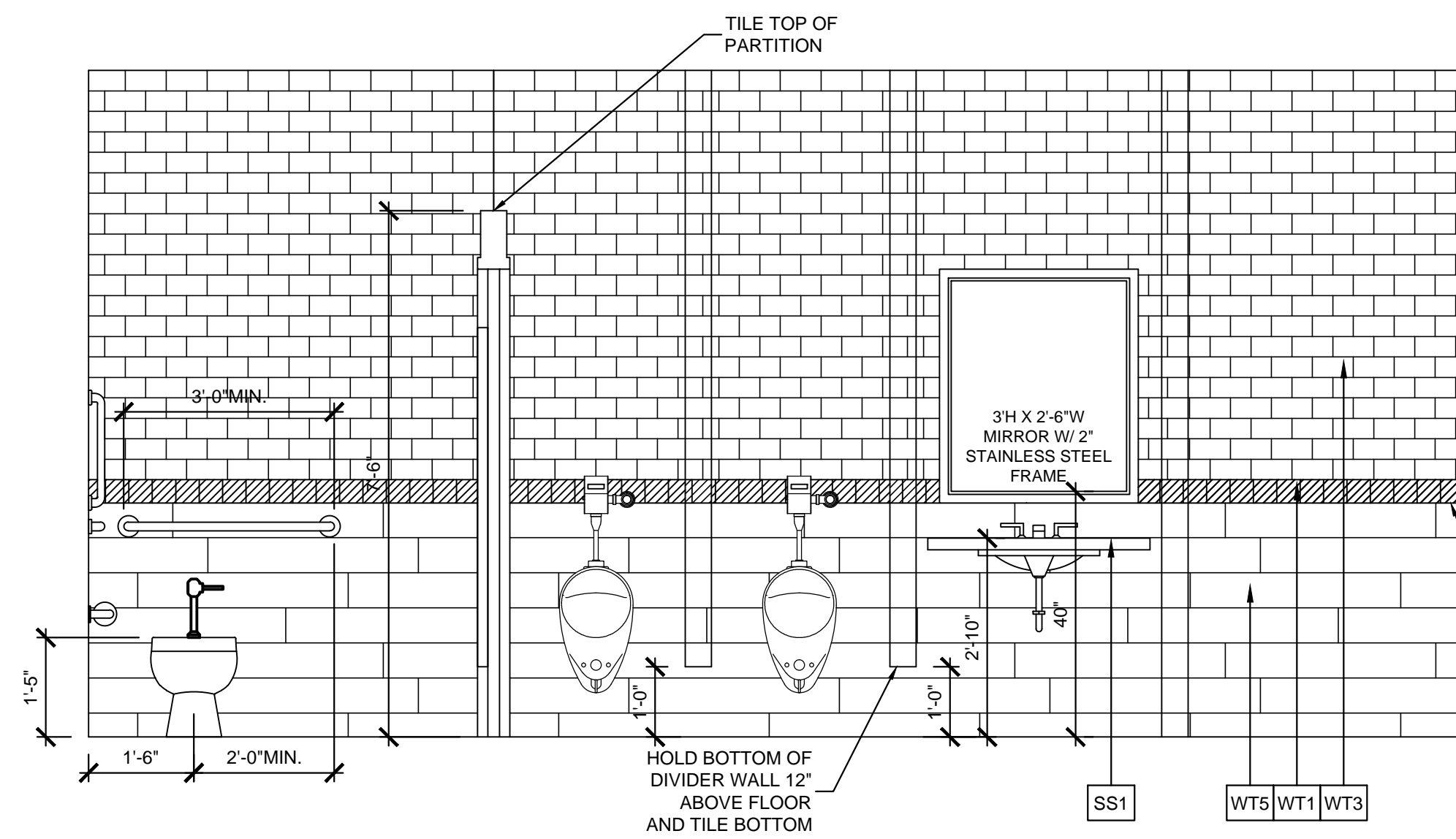
**05** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



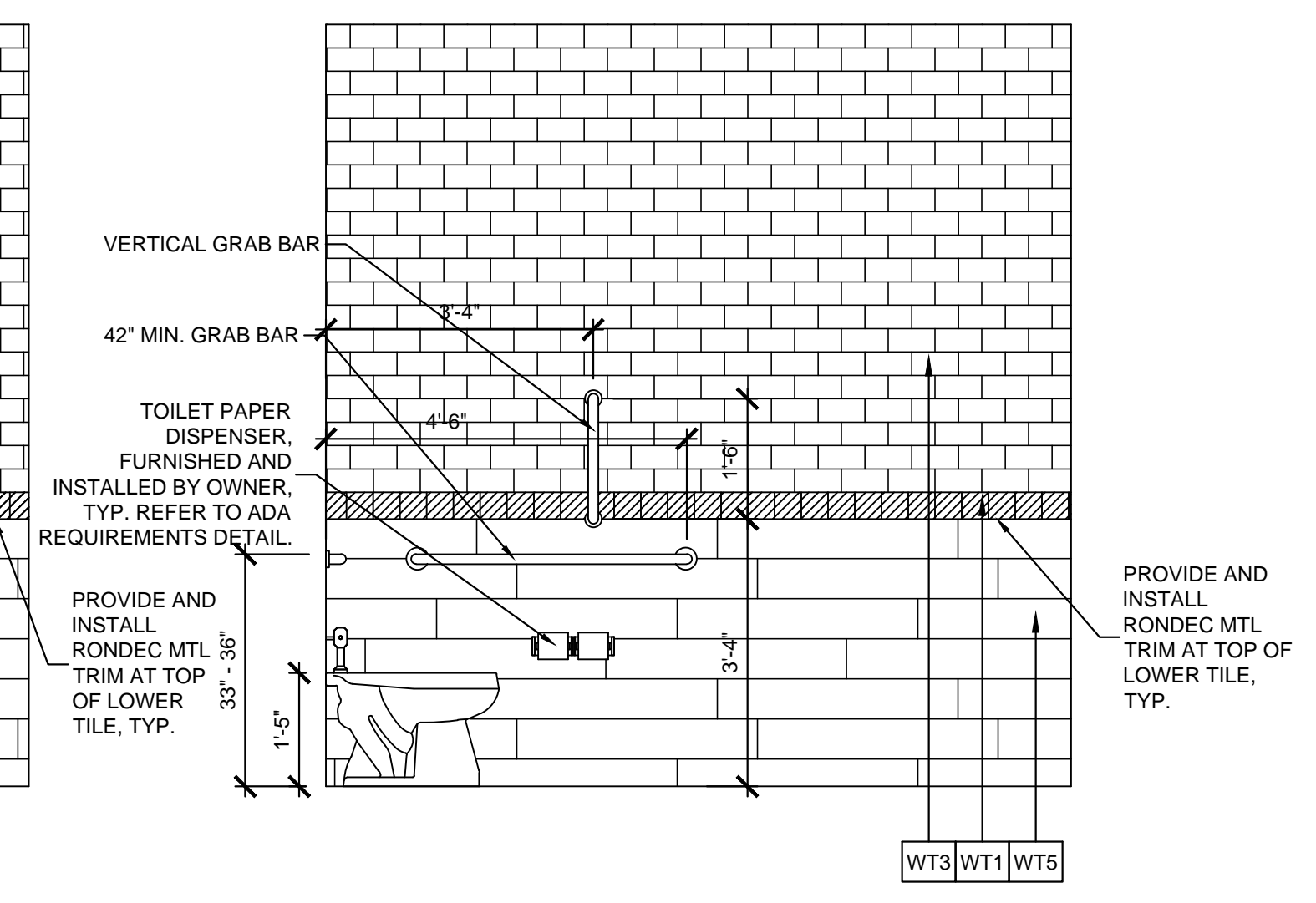
**04** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



**01** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



**02** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



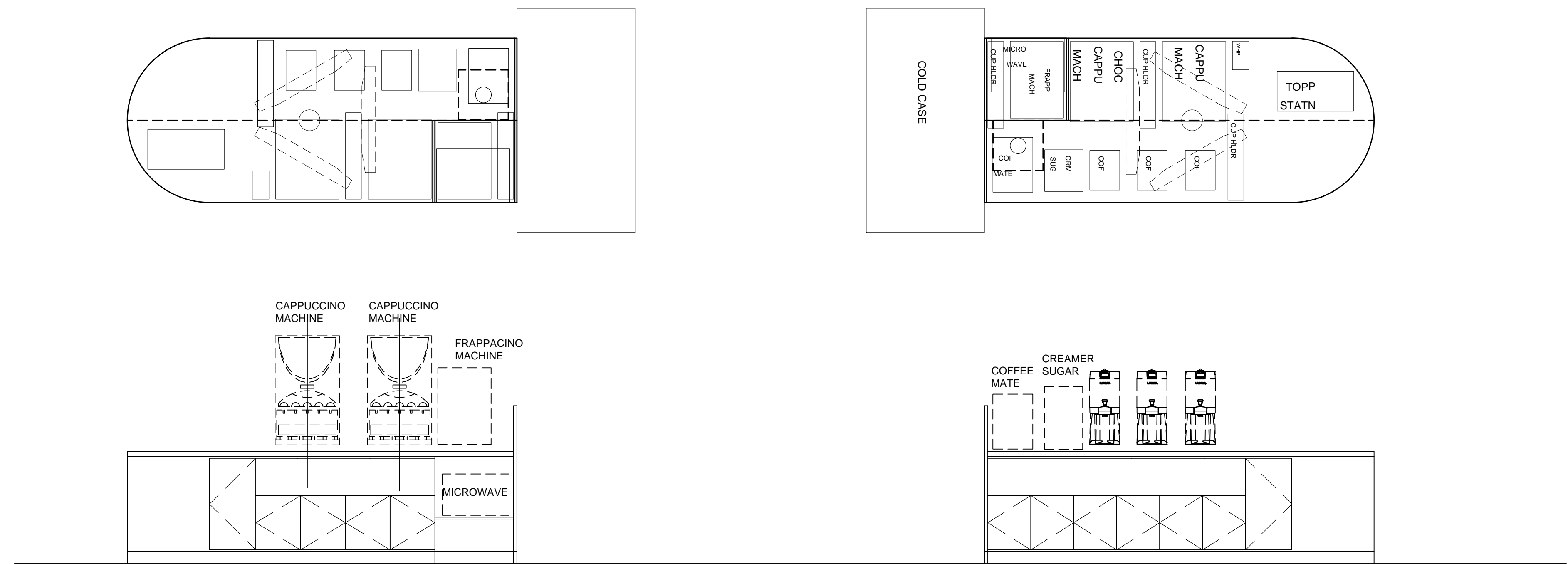
**03** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

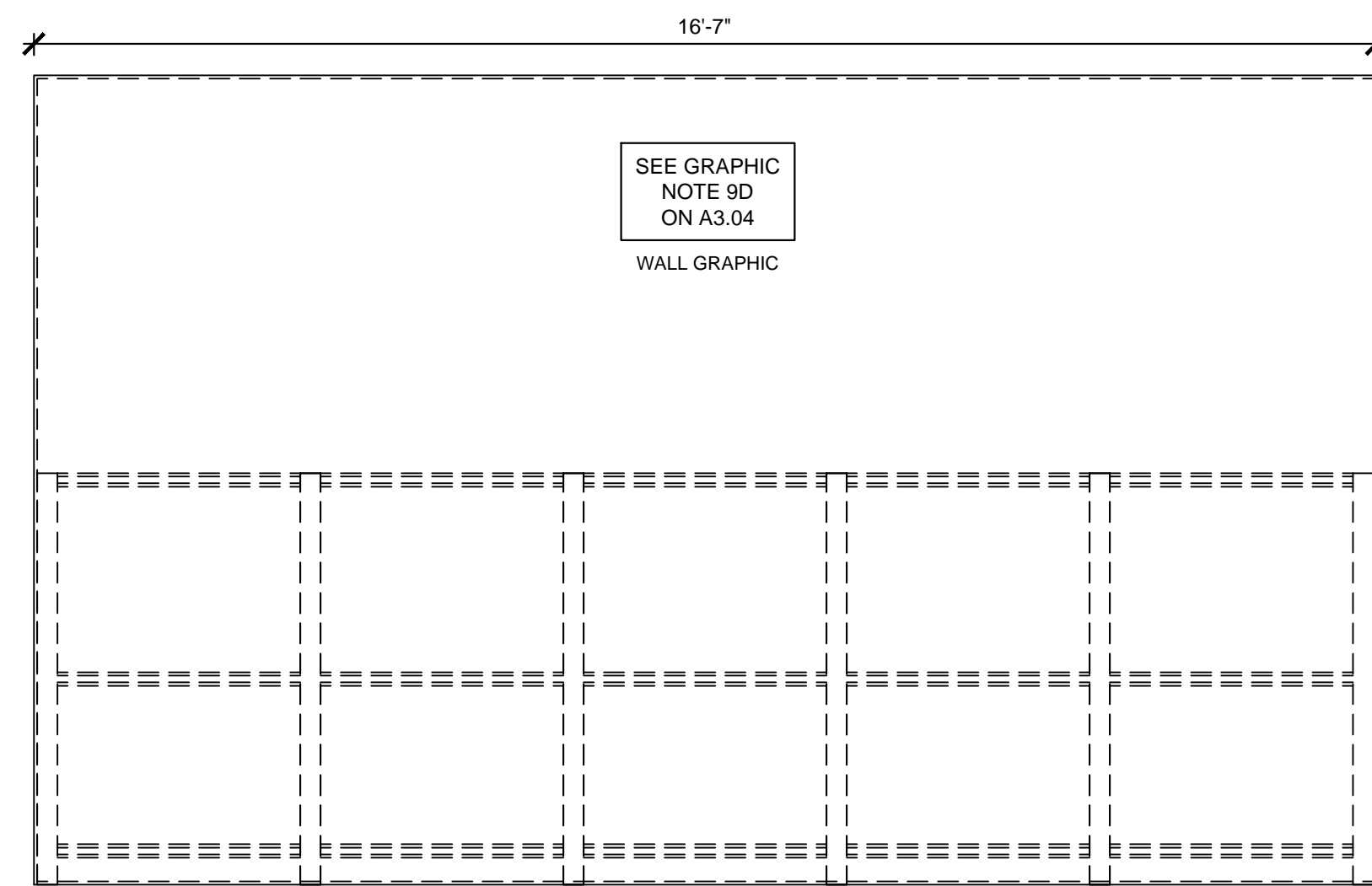


**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

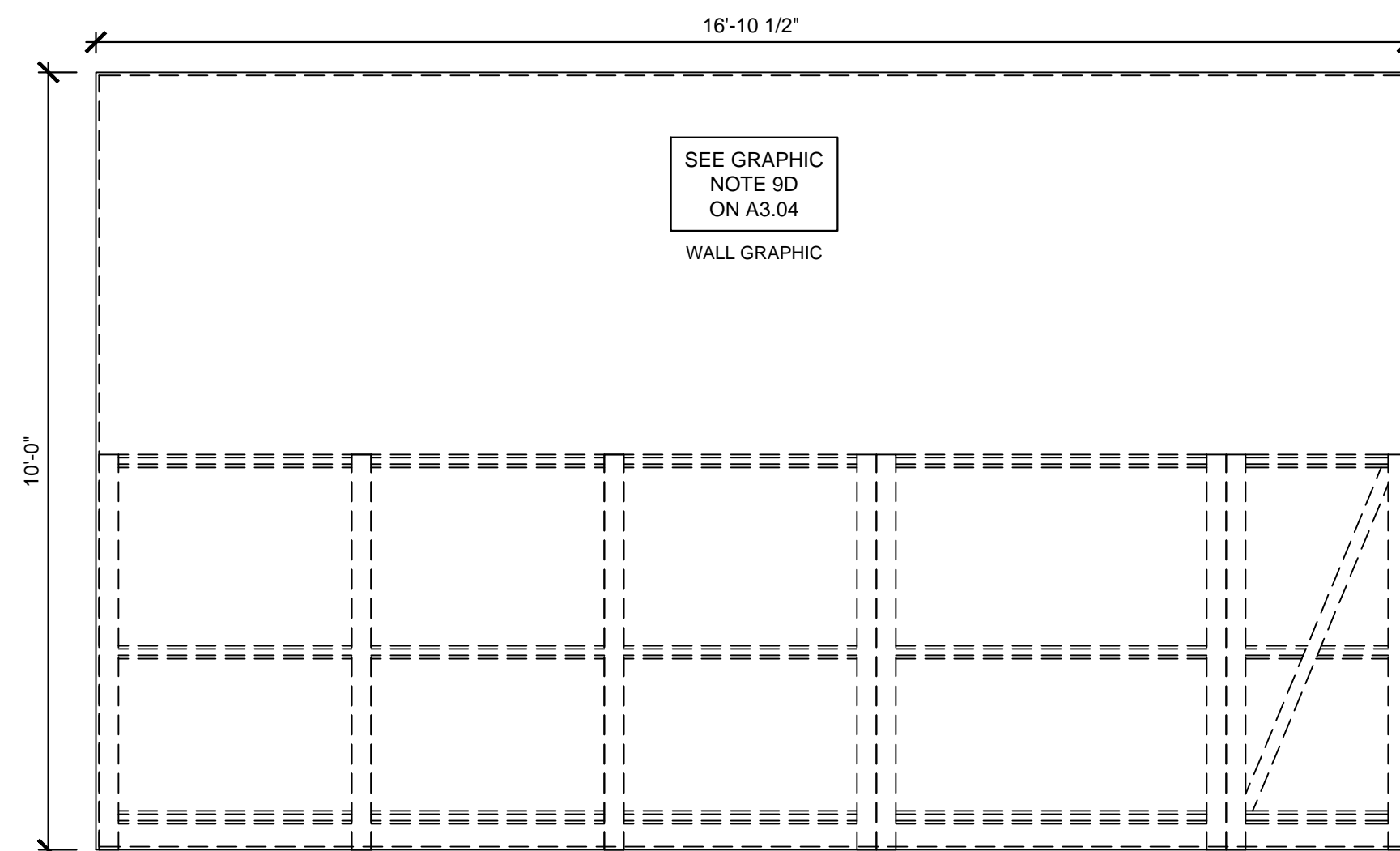
FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539



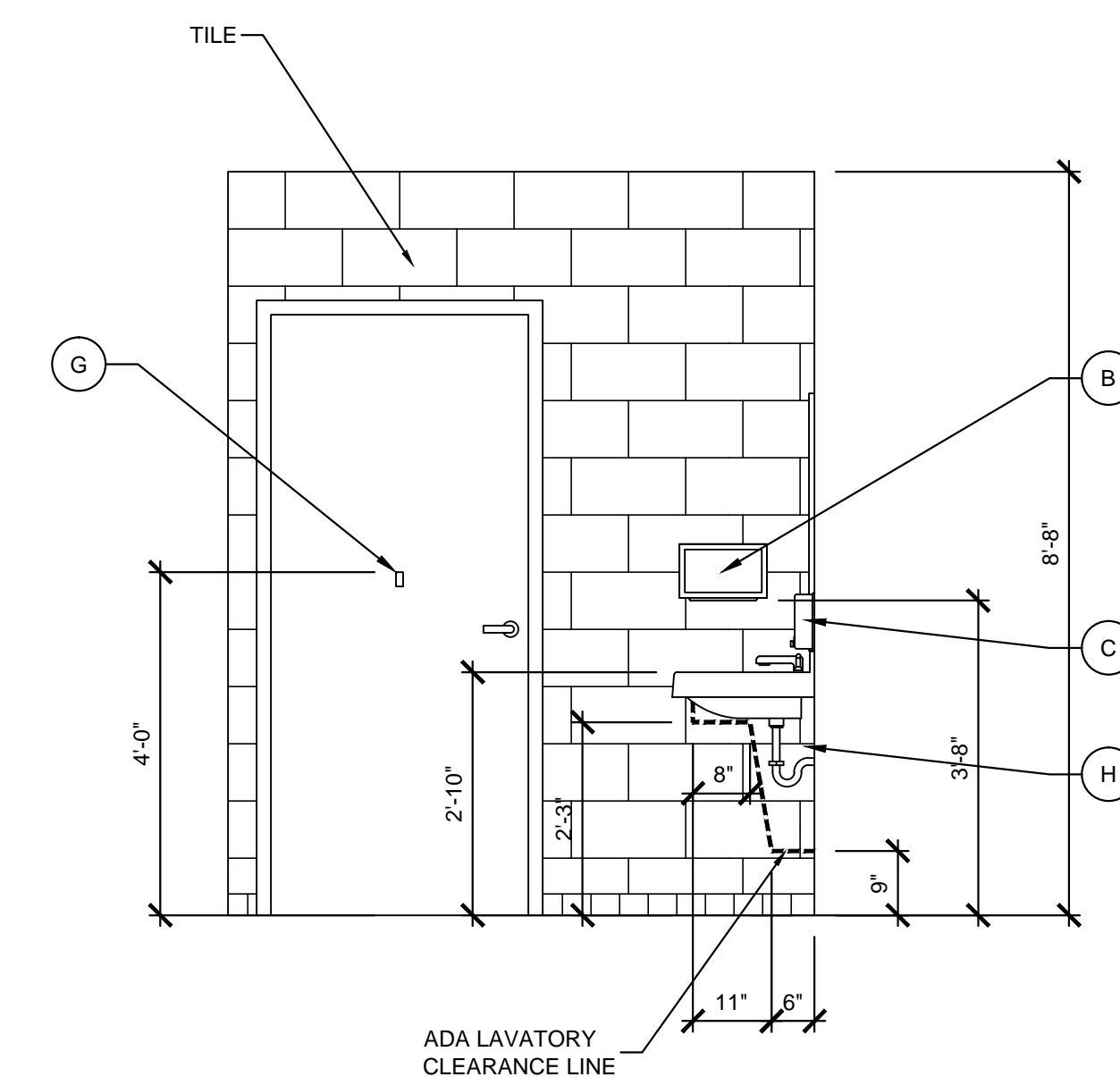
**04** COFFEE ISLAND  
SCALE: N/A



**01** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



**02** INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



**03** A.D.A. REQUIREMENTS  
SCALE: 1/2" = 1'-0"



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

**NEWCOMB OIL CO., LLC**  
FIVESTAR STORE #5150  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

# DOOR & FRAME SCHEDULE

PROJECT NO:  
21-4154

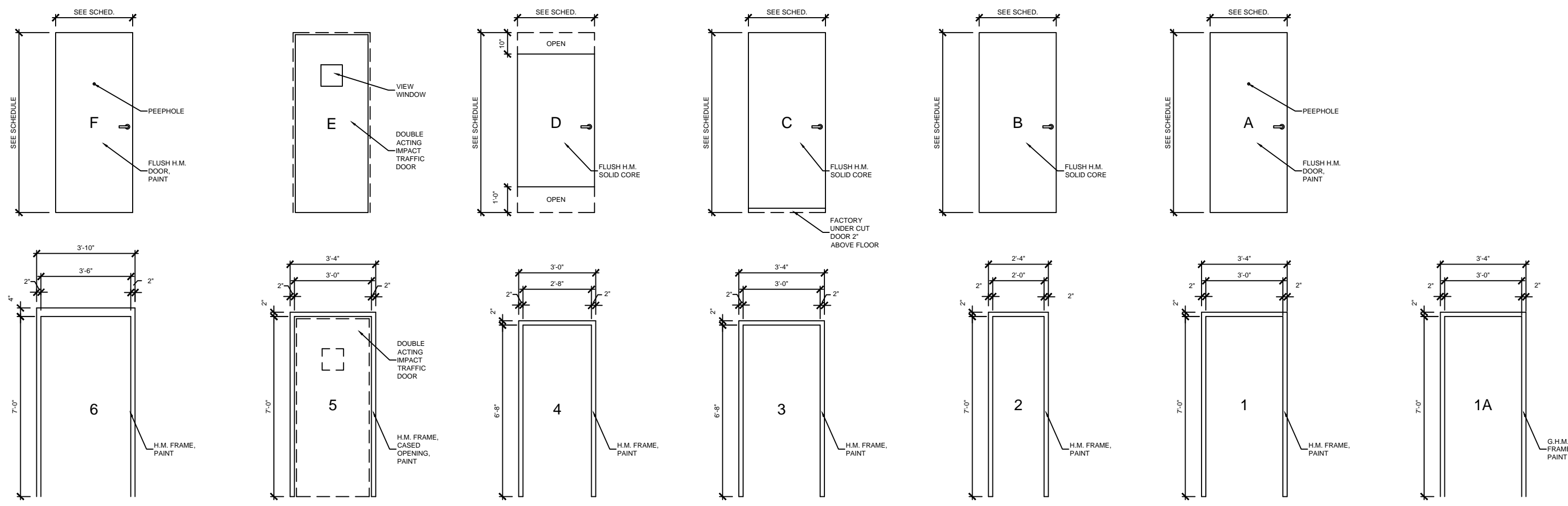
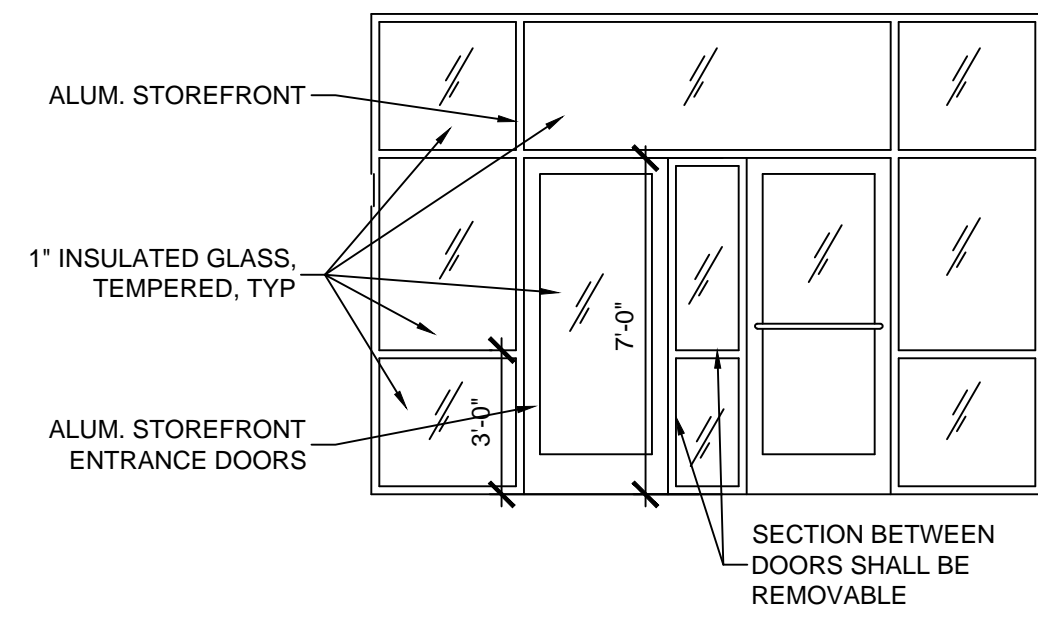
DRAWN BY:  
HWC/

DATE:  
04-30-21

DOOR / ROOM NO.	DOORS				FRAMES			RATING	HRDW. SET	REMARKS		
	SIZE	MATERIAL	TYPE	DEPTH	MATERIAL	TYPE	DETAILS					
							HEAD				JAMB	SILL
101 VESTIBULE	3'-0" x 7'-0" x 1-3/4"	ALUM.		ALUM.	-	-	-	-	-	HARDWARE BY DOOR MANUF. - CLEAR ANODIZED ALUM. PUSH BAR ON PUSH SIDE OF "OUT DOOR" - REFER TO NOTES FOR ADDITIONAL HARDWARE		
102 VESTIBULE	3'-0" x 7'-0" x 1-3/4"	ALUM.		ALUM.	-	-	-	-	-	HARDWARE BY DOOR MANUF. - CLEAR ANODIZED ALUM. PUSH BAR ON PUSH SIDE OF "IN DOOR" - REFER TO NOTES FOR ADDITIONAL HARDWARE		
103 VESTIBULE	3'-0" x 7'-0" x 1-3/4"	ALUM.		ALUM.	-	-	-	-	-	HARDWARE BY DOOR MANUF. - CLEAR ANODIZED ALUM. PUSH BAR ON PUSH SIDE OF "OUT DOOR" - REFER TO NOTES FOR ADDITIONAL HARDWARE		
104 VESTIBULE	3'-0" x 7'-0" x 1-3/4"	ALUM.		ALUM.	-	-	-	-	-	HARDWARE BY DOOR MANUF. - CLEAR ANODIZED ALUM. PUSH BAR ON PUSH SIDE OF "IN DOOR" - REFER TO NOTES FOR ADDITIONAL HARDWARE		
105 SALES	3'-6" x 7'-0" x 1-3/4"	ALUM.		ALUM.	-	-	-	-	-	HARDWARE BY DOOR MANUF. - CLEAR ANODIZED ALUM. PANIC DEVICE - REFER TO NOTES FOR ADDITIONAL HARDWARE		
NOT USED	-	-		-	-	-	-	-	-	-		
107 DELI	3'-0" x 7'-0" CASIED OPENING	ALUM.	E	H.M.	5	-	-	-	-	ELIASON DOOR		
108 DELI	3'-0" x 7'-0" CASIED OPENING	ALUM.	E	H.M.	5	-	-	-	-	ELIASON DOOR		
109 OFFICE	3'-0" x 7'-0" x 1-3/4"	H.M.	B	H.M.	1	-	-	-	-	LEVER, TRILOGY LOCK, HINGES, WALL STOP		
110 OFFICE CLO.	2'-0" x 7'-0" x 1-3/4"	H.M.	C	H.M.	2	-	-	-	TRILGY	LEVER, LOCK, PICK GUARD, HINGES, WALL STOP, UNDERCUT DOOR 1"		
111 ELEC. RM.	3'-0" x 7'-0" x 1-3/4"	H.M.	B	H.M.	1	-	-	-	-	PANIC DEVICE, HINGES, CLOSER INSIDE, FLOOR STOP		
112 HALLWAY	3'-0" x 7'-0" x 1-3/4"	H.M.	B	H.M.	1	-	-	-	TRILGY	LEVER, LOCK, HINGES, CLOSER INSIDE, WALL STOP, FULL HEIGHT AND WIDTH S.S DOOR PROTECTION PLATE ON PUSH SIDE		
113 W. RESTROOM	2'-4" x 6'-8" x 1-3/4"	H.M.	D	H.M.	4	-	-	-	-	OCCUPIED/UNOCCUPIED DEADBOLT, PUSH/PULL DRILLED TO ACCOMMODATE DEADBOLT, HINGES		
114 W. RESTROOM	3'-0" x 6'-8" x 1-3/4"	H.M.	D	H.M.	3	-	-	-	-	OCCUPIED/UNOCCUPIED DEADBOLT, PUSH/PULL DRILLED TO ACCOMMODATE DEADBOLT, (1) HINGE, (1) SPRING HINGE		
115 CLOSET	3'-0" x 7'-0" x 1-3/4"	H.M.	B	H.M.	1	-	-	-	-	PASSAGE LEVER SET, HINGES, CLOSER WITH 90° STOP AND MOUNTED INSIDE CLOSET		
116 M. RESTROOM	3'-0" x 6'-8" x 1-3/4"	H.M.	D	H.M.	3	-	-	-	-	OCCUPIED/UNOCCUPIED DEADBOLT, PUSH/PULL DRILLED TO ACCOMMODATE DEADBOLT, (1) HINGE, (1) SPRING HINGE		
117 STORAGE	3'-0" x 7'-0" x 1-3/4"	H.M.	B	H.M.	1	-	-	-	-	PULL, CLOSER INSIDE, HINGES, CLOSER STOP AT 110°, FULL HEIGHT AND WIDTH S.S DOOR PROTECTION PLATE ON PUSH SIDE		
118 STORAGE	3'-0" x 7'-0" x 1-3/4"	G.H.M.	A	G.H.M.	1A	-	-	-	-	GALV. INSUL. PANIC DEVICE (NO HARDWARE OUTSIDE), SCREW ON WEATHER STRIPPING & SWEEP, THRESHOLD, PEEP HOLE, HINGES, CLOSER, 4" HEAD		
119 DISHWASHING	3'-6" x 7'-0" x 1-3/4"	G.H.M.	F	G.H.M.	6	8 1/2"	-	-	-	GALV. INSUL. PANIC DEVICE (NO HARDWARE OUTSIDE), SCREW ON WEATHER STRIPPING & SWEEP, THRESHOLD, PEEP HOLE, HINGES, CLOSER, 4" HEAD		

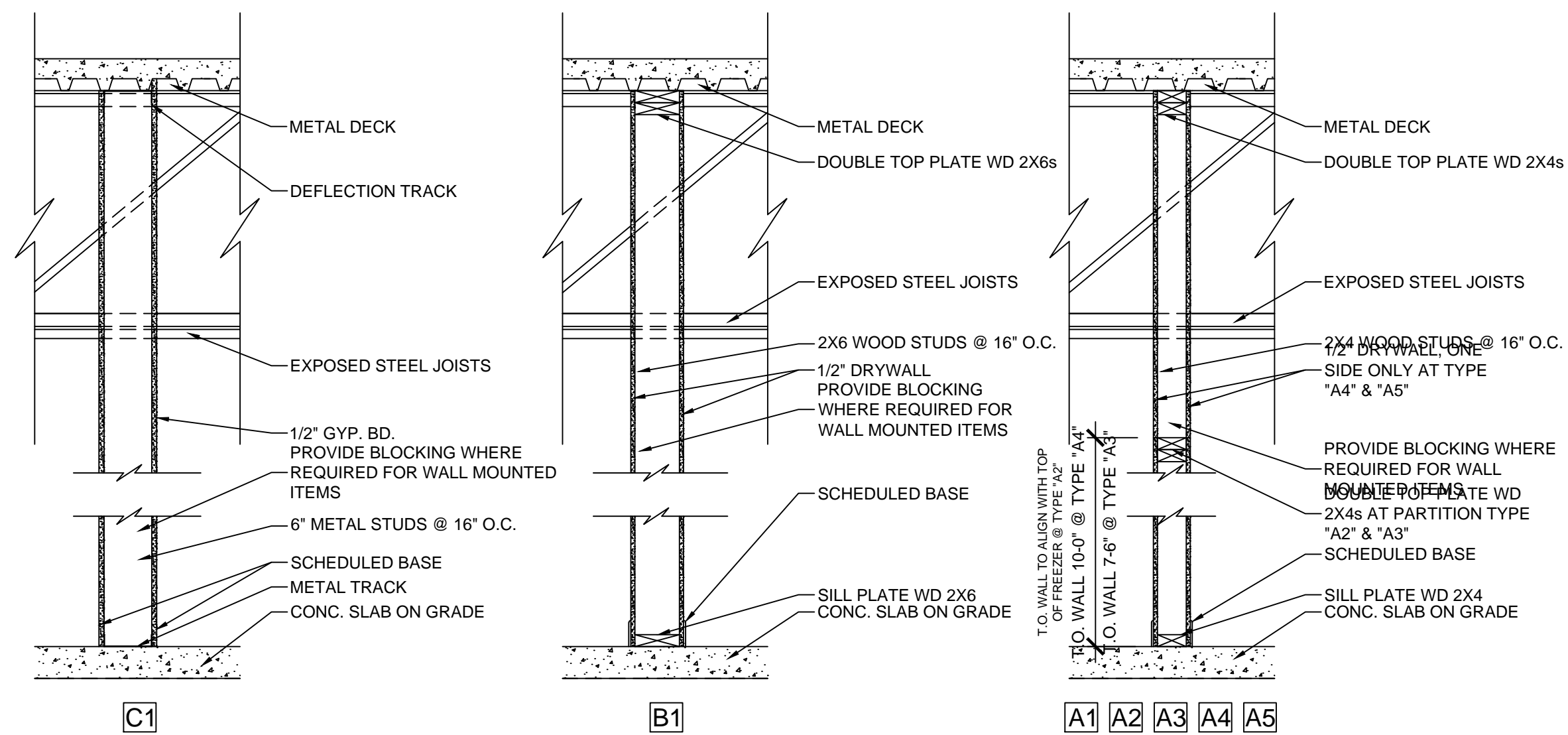
NOTES:

- GLASS SHALL BE TEMPERED WHERE REQUIRED BY CODE.
- VERIFY ALL WALL DEPTHS, REQUIRED FRAME DEPTHS AND FRAME DIMENSIONS IN THE FIELD.
- DOOR 110B SHALL HAVE A THRESHOLD, PEEP HOLE, PICK GUARD AND WEATHER STRIPPING.
- DOORS 100A, 100B, 100C AND 100D SHALL BE KEYPED ALIKE. PUSH BAR ON IN AND OUT.
- DOORS 103A AND 108 SHALL BE KEYPED ALIKE
- DOOR 103B OFFICE CLOSET SHALL BE KEYPED SEPARATELY
- ALL DOORS SHALL HAVE 3 HINGES EXCEPT FOR ENTRANCE DOORS, REFER TO NOTES BELOW
- ALL HINGES ARE BALL BEARING
- ALL CLOSURES ARE MEDIUM DUTY
- ALL LEVER SETS ARE MEDIUM DUTY
- DOOR HARDWARE SHALL MEET HANDICAP REQUIREMENTS
- ALL DOORS SHALL HAVE DOOR SILENCERS AND DOOR STOPS INCLUDING RESTROOM STALL DOORS.
- HARDWARE FOR ALUM. DOORS 100A, 100B, 100C, 100D AND 101A PROVIDED BY MANUFACTURER. HINGES (1 1/2" PAIR OF BUTT HINGES FOR DOOR 101A, CONTINUOUS HINGES FOR DOORS 100A, 100B, 100C AND 100D), DEADLOCK, WITH 5 PIN CYLINDER (KEYED ALIKE), INTERIOR THUMB TURN, GRADE 1, ADA. CLOSER, WITH ADJUSTABLE SPRING TENSION, ADA THRESHOLDS (GROUTED SOLID), WEATHER STRIP, & BOTTOM RAIL SWEEP. REFER TO SCHEDULE FOR PUSH BARS AND PANIC DEVICE. NO PULLS ON ALUM DOORS.
- CLOSERS ON DOORS INTO STORAGE AND RESTROOMS SHALL BE INSTALLED ON STORAGE AND RESTROOM SIDE SO THAT THEY ARE NOT VISIBLE FROM THE HALLWAY.



## 01 DOOR DETAILS

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



NOTE:  
DRYWALL NOT REQUIRED ON UNEXPOSED SIDE ABOVE COOLERS, INSIDE CHASE AND SIMILAR LOCATIONS

## 02 PARTITION DETAILS

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



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY. 42539

FIVESTAR STORE #5150

SCHEDULES

**A3.03**

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208



## INTERIOR FINISH SCHEDULE

CODE	DESCRIPTION / LABEL	COLOR	MANUFACTURER
	AREA / SUBSTRATE	PRODUCT # OR SERIES	CONTACT
P1	SUPERPAINT INT. LATEX SATIN / PRIMER	#SW7506 LOGGIA	SHERWIN WILLIAMS
	SALES FLR. & STORAGE ROOM WALLS / DRYWALL	A87W01151	
P2	SUPERPAINT INT. LATEX SATIN / FINISH	#SW6221 MOODY BLUE	SHERWIN WILLIAMS
	ACCENT ABOVE COOLER WALL / DRYWALL	A87W01153	
P3	SUPERPAINT INT. LATEX SATIN / FINISH	#SW7598 SIERRA REDWOOD	SHERWIN WILLIAMS
	FRONT DOOR WALL / DRYWALL	A87W01153	
P4	PRO INDUST. PRECATAL. WATERBASED EPOXY EG-SHEL / FINISH	#SW7515 HOMESTEAD BROWN	SHERWIN WILLIAMS
	DOOR JAMBS / STEEL	K45T00154	
P5	SUPERPAINT INT. LATEX SATIN / FINISH	#SW6395 ALCHEMY	SHERWIN WILLIAMS
	ABOVE WALK-IN COOLER / DRYWALL	A87W01153	
P6	PRO INDUSTRIAL URETHANE ALKYD ENAMEL GLOSS / FINISH	#SW7598 SIERRA REDWOOD	SHERWIN WILLIAMS
	EXTERIOR METAL DOORS / STEEL	B54T00154	
SS1	1/2" SOLID SURFACING	COLOR: SERENE SAGE	CORIAN
		COLLECTION: TERRA	800.426.7426
L1	PLASTIC LAMINATE ARTISAN FINISH	#6206-43	FORMICA
		PLANKED DELUXE PEAR	1.800.FORMICA
L2	PLASTIC LAMINATE CASHMERE FINISH	#P-260 CA	ARBORITE
		TATAMI SABI	800.361.8712
L3	PLASTIC LAMINATE CASHMERE FINISH	#P-354 CA	ARBORITE
		TATAMI KOKOA	800.361.8712
WB1	6 X 10, 2 X 10 & 4 X 10 WOOD BEAMS	CLEAR SEALER	LOCAL SUPPLIER
			BY GENERAL CONTRACTOR
MS1	MANUFACTURED STONE VENEER	SERIES: STACKED STONE	ELDORADO STONE
		COLOR: DRY CREEK	800.925.1491
WT1	4 X 4 GLAZED PORCELAIN CERAMIC TILE WALL TILE	#Q093 FIREBRICK	DALTILE
		#145 LIGHT SMOKE	
WT2	4 X 4 GLAZED PORCELAIN CERAMIC TILE WALL TILE	#0190 ARCTIC WHITE	DALTILE
		#145 LIGHT SMOKE	
WT3	4 X 8 GLAZED PORCELAIN CERAMIC TILE WALL TILE	#0190 MOD ARCTIC WHITE	DALTILE
		#145 LIGHT SMOKE	
WT4	9/16" FIRED BRICK FLATS WALL TILE	#410 LINCOLN HERITAGE	EVOLUTION BRICK
		#543 DRIFTWOOD	
WT5	6 X 36 COLORBODY PORCELAIN TILE WALL/FLOOR TILE	#HH03 TEAK	DALTILE
		#145 LIGHT SMOKE	
WT6	4 X 8 GLAZED PORCELAIN TILE WALL TILE	CUSTOM COLOR - QTC1481P 4x8 QT01	DALTILE
		#09 NATURAL GREY	
WT7	12 X 12 COLORBODY PORCELAIN TILE COVEBASE TILE	#VL78 ACCENT BROWN	DALTILE
		#145 LIGHT SMOKE	
WT9	FINISHING & EDGE-PROTECTION PROFILES	FINISH: AT SATIN NICKEL ANODIZED ALUM	SCHLUTER SYSTEMS_SCHLUTER.COM
	FOR WALLS	- DESIGNLINE 1/4"	1.800.472.4588
FRP-1	MARLITE AT 10'-0"	STANDARD COLOR	MARLITE
	WALL COVERING		

## INTERIOR GENERAL NOTES :

- ROUTE ALL ELECTRICAL COMPONENTS TO DECORATIVE LIGHTING OUT OF CUSTOMER'S VIEW.
- USE ALUMINUM KICK PLATES ON BOTH THE INSIDE AND OUTSIDE OF REST ROOM DOORS. (BY OWNER)
- ALL FIXTURES ON DOORS TO BE US26D DULL CHROMIUM UNLESS OTHERWISE SPECIFIED.
- MAIN SALES CABINET TO BE FINISHED IN (L1) ON EMPLOYEE SERVICE SIDE AND SUPPORT AREAS.
- COOLER DOORS TO BE FACTORY FINISH BLACK FRAMES.
- SALES FLOOR GONDOLAS TO BE FACTORY FINISHED BLACK.
- ALL FLOOR TILE GROUT TO HAVE 'GROUT BOOST.'
- EXPOSED DUCTWORK MUST BE PRIMED AND PAINTED BEFORE CEILING IS PAINTED.
- CONTRACTOR SHALL CAULK DOOR JAMBS INSIDE RESTROOMS WITH SANDED CAULK PROVIDED BY LOUISVILLE TILE. ALL OTHER DOOR JAMBS AND MARLITE TO BE CAULKED WITH SHERWIN WILLIAMS POWER HOUSE 60 YR. COLOR: TO MATCH GROUT
- ALL GYPSO WALLS SHALL BE PAINTED.
- PAINT EXPOSED STRUCTURE
- PROVIDE AND INSTALL RONDEC MTL TRIM AT ALL OUTSIDE TILE CORNERS AND WHERE NOTED ON INTERIOR ELEVATIONS.
- 'GROUT BOOST' TO BE USED TO MIX GROUT INSTEAD OF WATER.
- ALL EXTERIOR BOLLARDS SHALL BE PAINTED BY NEWCOMB OIL CO
- INSTALL WHITE CAULK AT ALL WALL TO CEILING JOINTS
- TOP OF 'WT5' TILE SHALL BE APPROXIMATELY 41" ABOVE FINISH FLOOR TO PREVENT THIN CUT TILE AT FLOOR AND CEILING. THE 41" DIMENSION CAN BE ADJUSTED SLIGHTLY TO ACHIEVE NO LESS THAN HALF A TILE AT THE FLOOR AND CEILING.

## GRAPHIC DETAIL NOTES (GRAPHICS BY OWNER)

CODE	DESCRIPTION - REFER TO INTERIOR RENDERINGS FOR OVERALL GRAPHIC APPEARANCE.
	CONTACT PARAGON FOR ORIGINAL ARTWORK.
1D	"FIVE STAR" SIGN: THE TEXT IS TO BE 1" DIMENSIONAL TEXT & BACKLIT IN WHITE LED HALO LIGHTING.
	THE TEXT IS TO BE PAINTED ON ALL SIDES.
3D	"COFFEE BREW" SIGN/GRAPHIC: THE BACKGROUND CIRCLE IS TO BE HUNG FROM THE CEILING BY A CHAIN LINK.
	THE "COFFEE BREW" TEXT IS TO BE BACKLIT IN RED LED HALO. THE CUP IS TO BE 3D AND PROTRUDING FROM THE CIRCLE.
4D	"FREEZE & FOUNTAIN" SIGN: THE BACKGROUND BAND IS TO BE A BRUSHED STAINLESS STEEL METAL.
	THE "FREEZE & FOUNTAIN" TEXT ARE TO BE BACKLIT IN BLUE LED HALO LIGHTING.
5D	"RESTROOM", "MENS", & "WOMENS" SIGNS: THE "RESTROOM" TEXT IS TO BE 1/2" THICK DIMENSIONAL & PAINTED ON ALL SIDES.
	THE MENS & WOMENS TEXT IS TO BE 1/4" THICK DIMENSIONAL AND FACED IN A BRUSHED STAINLESS STEEL LAMINATE.
6D	"GET THE FIVE STAR TREATMENT... EVERY TIME" SIGN: THE TEXT IS TO BE 2" THICK DIMENSIONAL TEXT AND PAINTED ON ALL SIDES. THE LETTERS ARE TO BE BACKLIT IN YELLOW LED HALO LIGHTING.
7D	"ATM" SIGN: THE TEXT IS TO BE 1/2" THICK DIMENSIONAL TEXT AND OUTLINED IN BRUSHED STAINLESS STEEL.
	NOTE: NOT IN ELEVATIONS - TO BE PROVIDED AS NECESSARY. BY OWNER.
8D	"THE BEER CAVE" SIGN/GRAPHIC: THE BACKGROUND OVAL IS TO BE MADE OF BRUSHED STAINLESS STEEL (OR ALUMINUM).
	"THE BEER CAVE" TEXT IS TO BE 2" THICK DIMENSIONAL TEXT AND PAINTED ON ALL SIDES.
	THE 3 SNOW FLAKES ARE TO BE AT 3 DIFFERENT DEPTHS AND THE ARE TO HAVE BLUE LED HALO LIGHTING PLACED BEHIND EACH INDIVIDUAL CIRCLE.
9D	ICE WALL GRAPHIC: IS TO BE A DIGITALLY PRINTED WALL GRAPHIC WRAP TO BE APPLIED TO THE INTERIOR WALLS OF THE BEER CAVE. MAKE SURE ALL ASSEMBLY ELEMENTS ARE ADAPTABLE FOR CONSTANT COLD TEMPERATURES.

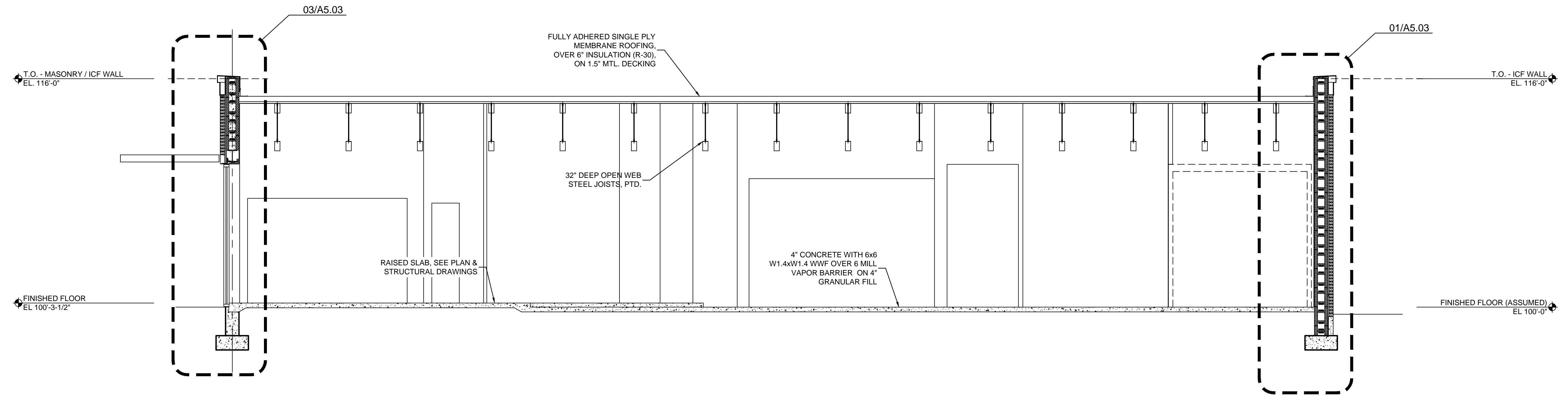
## GRAPHIC GENERAL NOTES

- DETERMINE ALL GRAPHIC APPLICATIONS BY USING FIELD DIMENSIONS ONLY.
- NO GRAPHIC SUBSTITUTIONS ARE ALLOWED WITHOUT PARAGON SOLUTIONS OR OWNERS CONSENT.
- REVIEW ALL FINAL PRODUCTION DRAWINGS WITH PARAGON SOLUTIONS PRIOR TO PRODUCTION.
- PROVIDE INSTALLATION COSTS UNLESS OTHERWISE NOTED.

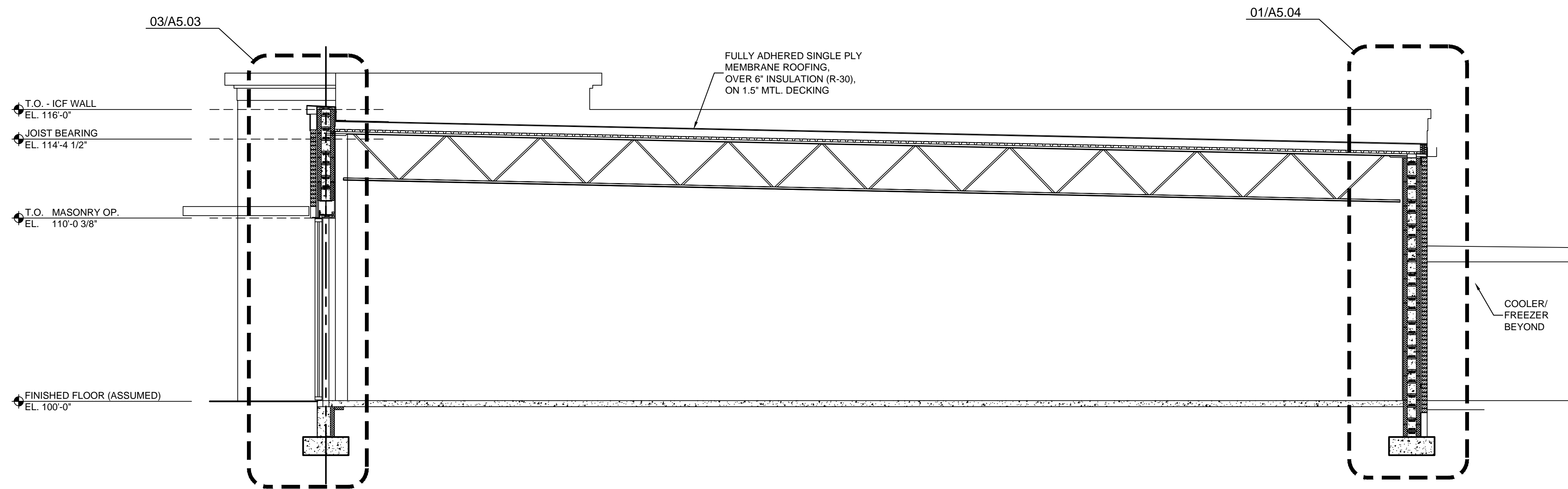


**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539



**02 SECTION**  
SCALE: 1/4" = 1'-0"



**01 SECTION**  
SCALE: 1/4" = 1'-0"



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

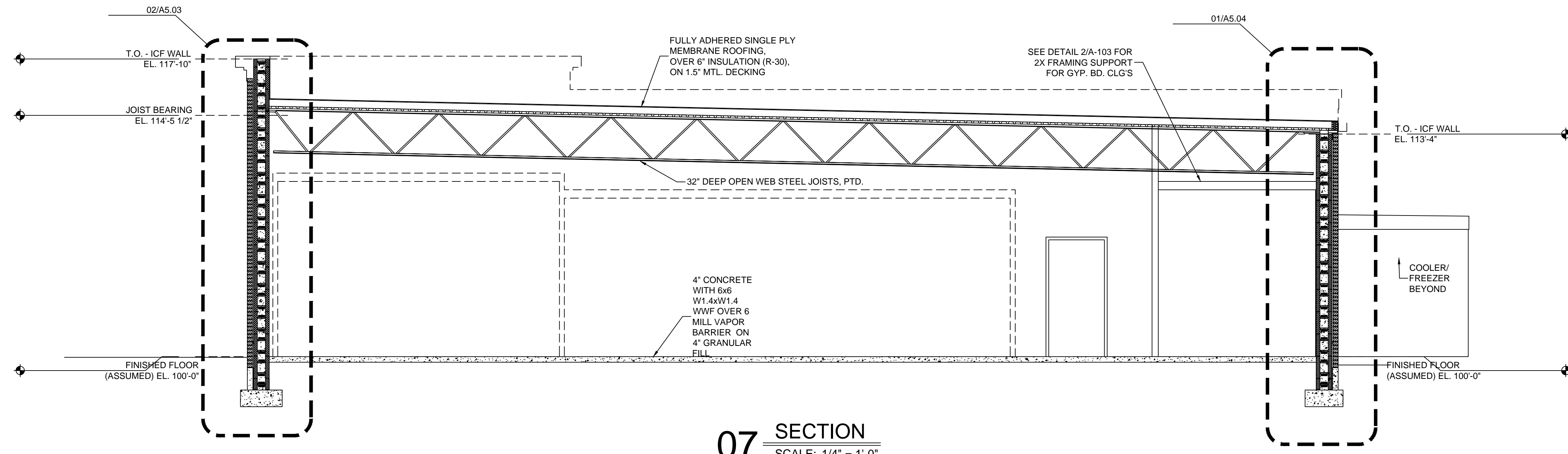
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

BUILDING SECTIONS

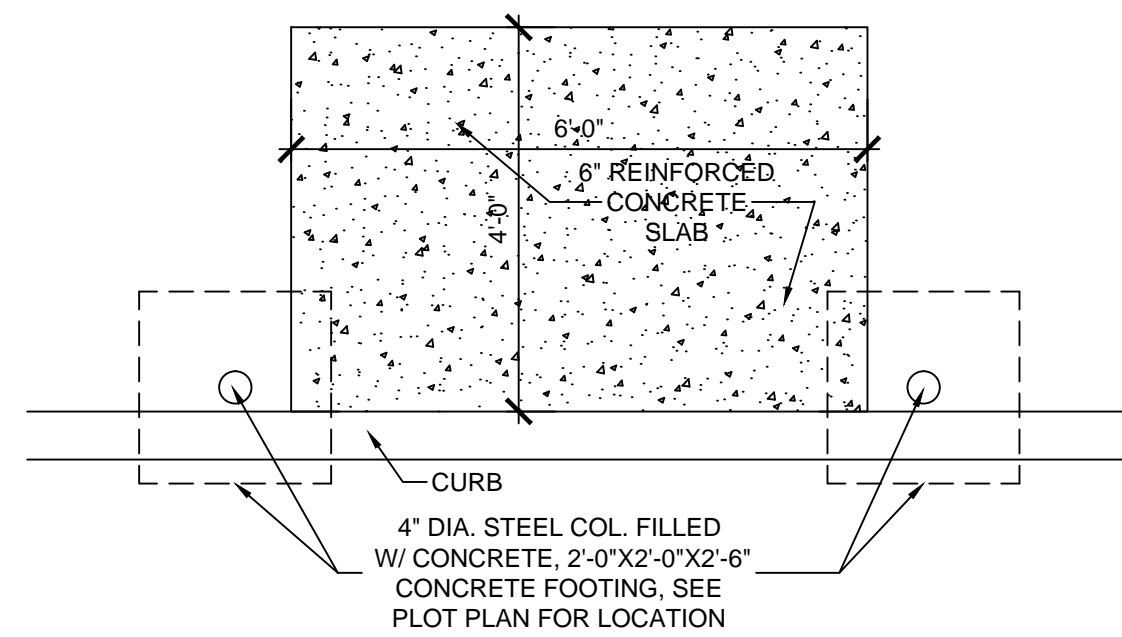
**A5.01**

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

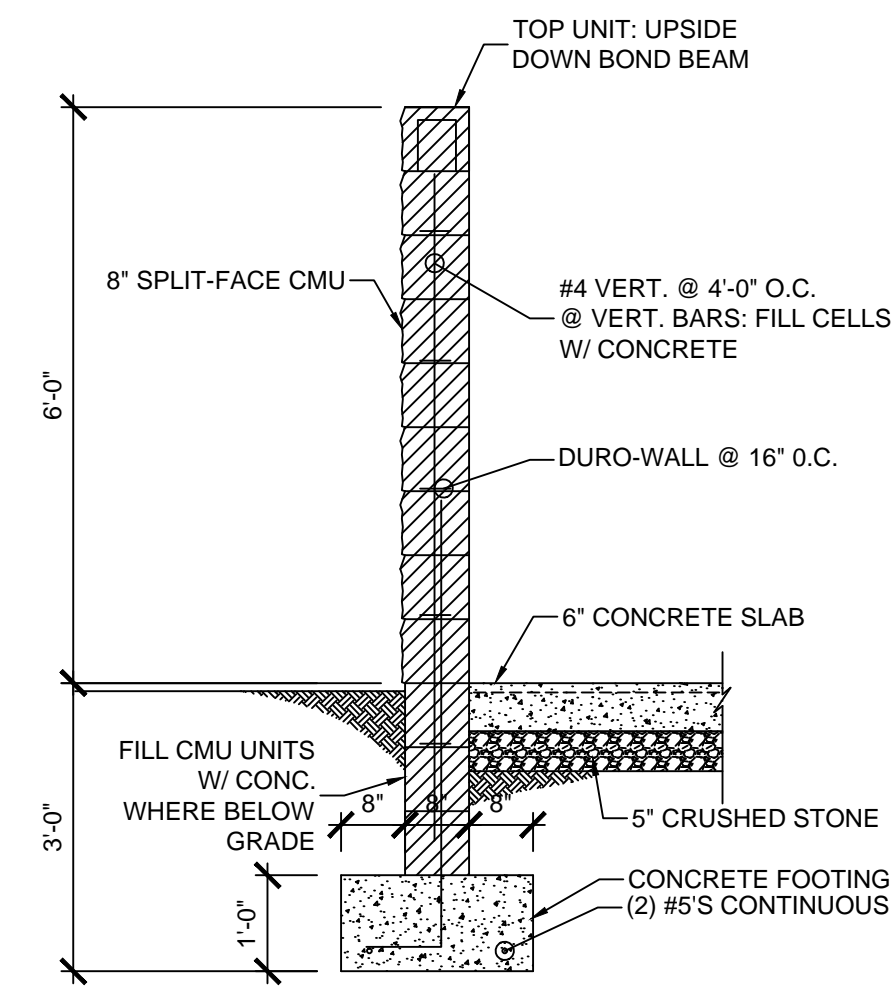
PROJECT: NEWCOMB OIL CO., LLC - FILE: A5.01 Building Sections.dwg - DATE: Apr 27, 2021 4:39PM - BY: HAROLD COX



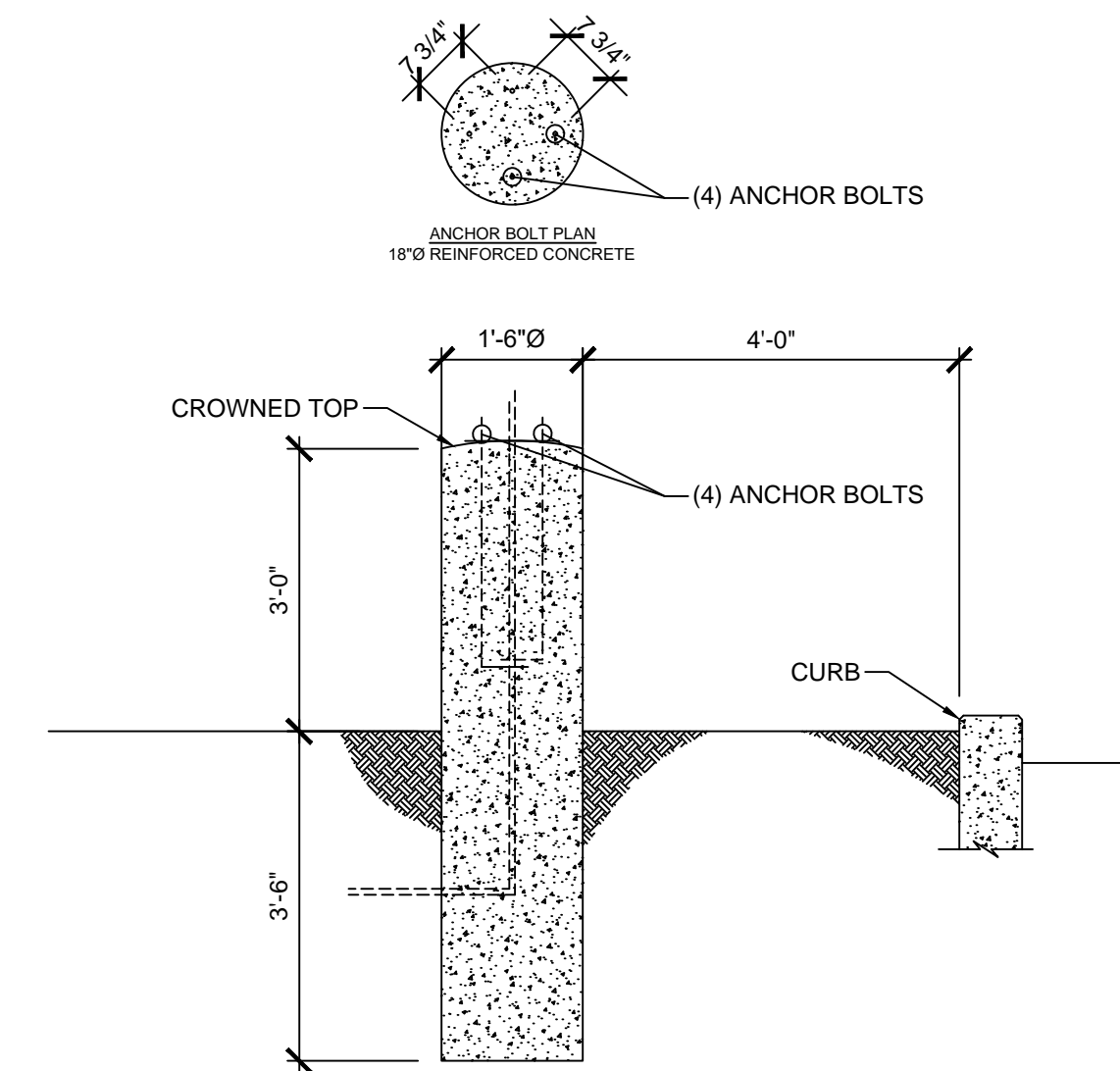
**07 SECTION**  
SCALE: 1/4" = 1'-0"



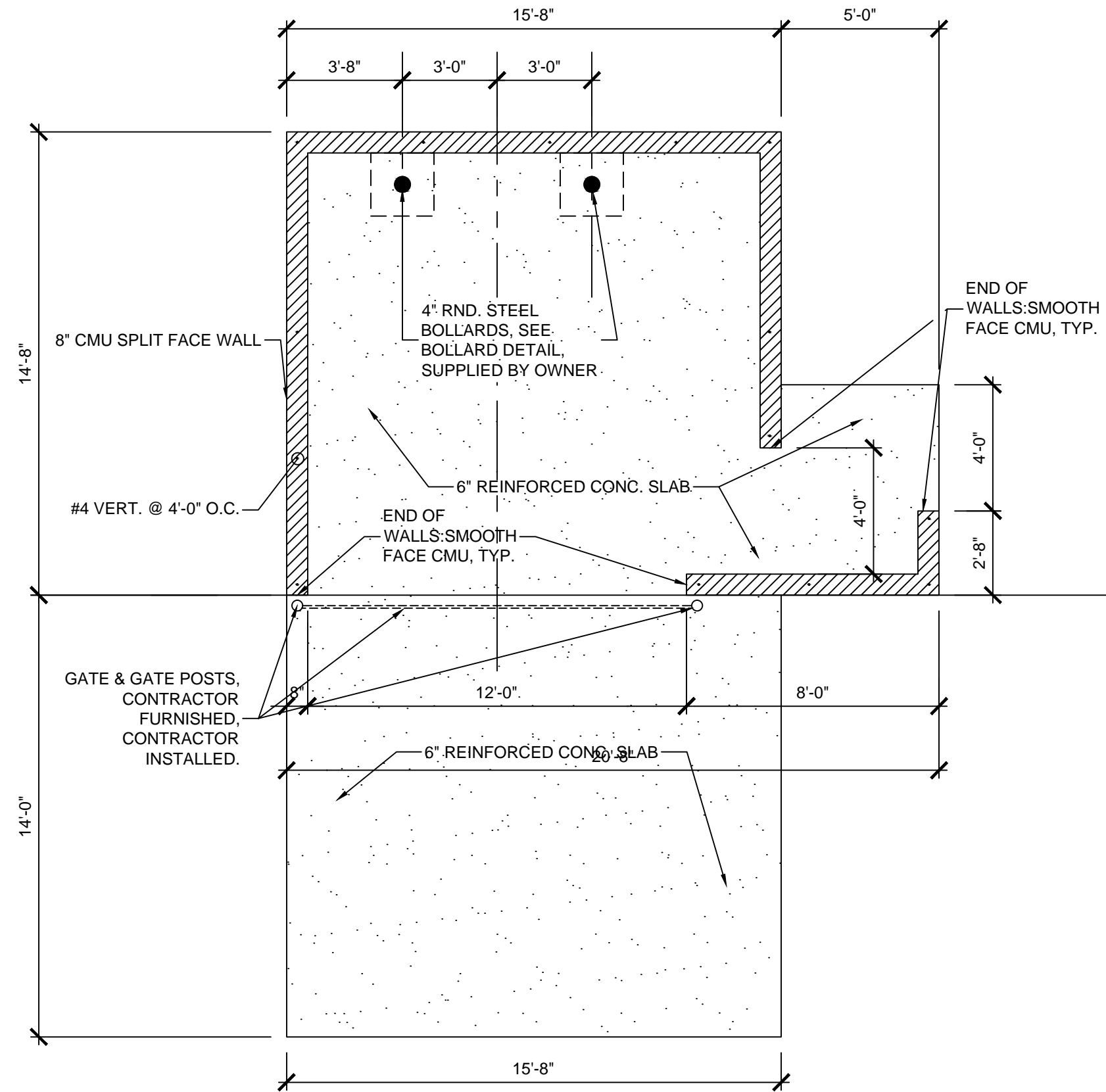
**06 AIR & WATER CONC. PAD**  
SCALE: 1/2" = 1'-0"



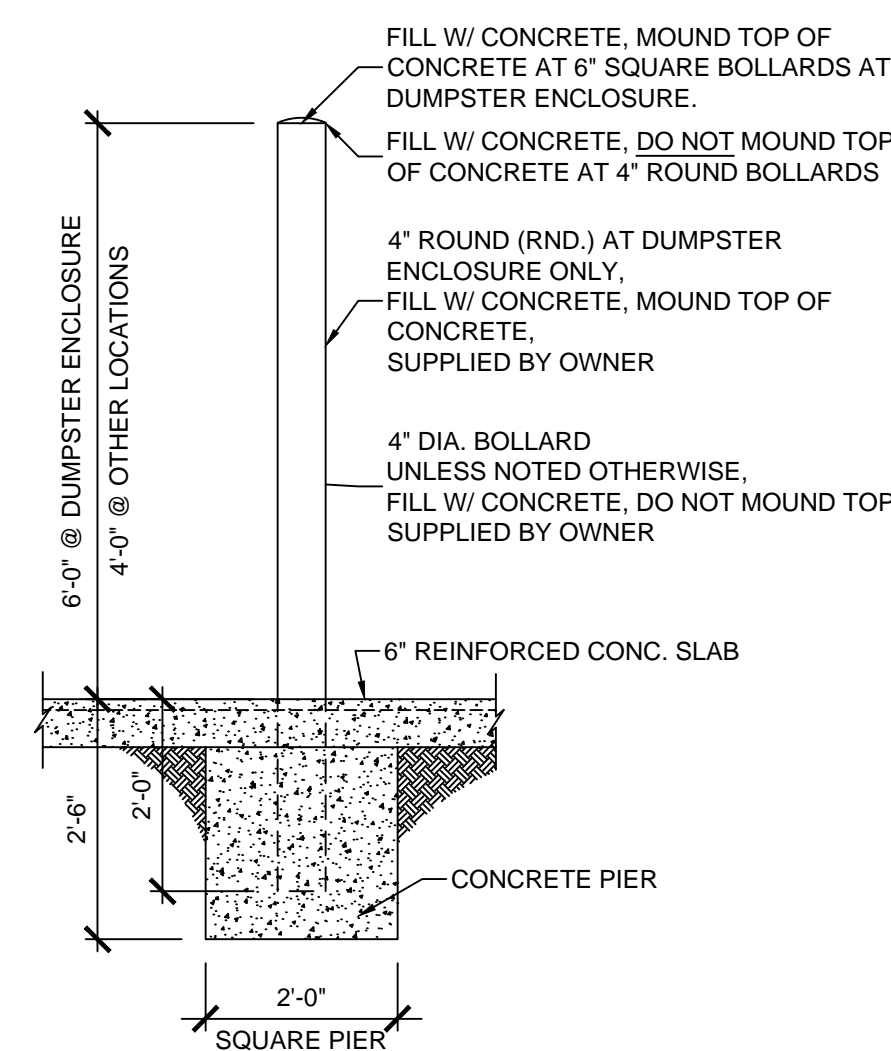
**04 WALL SECTION @ DUMPSTER ENCLOSURE**  
SCALE: 1/2" = 1'-0"



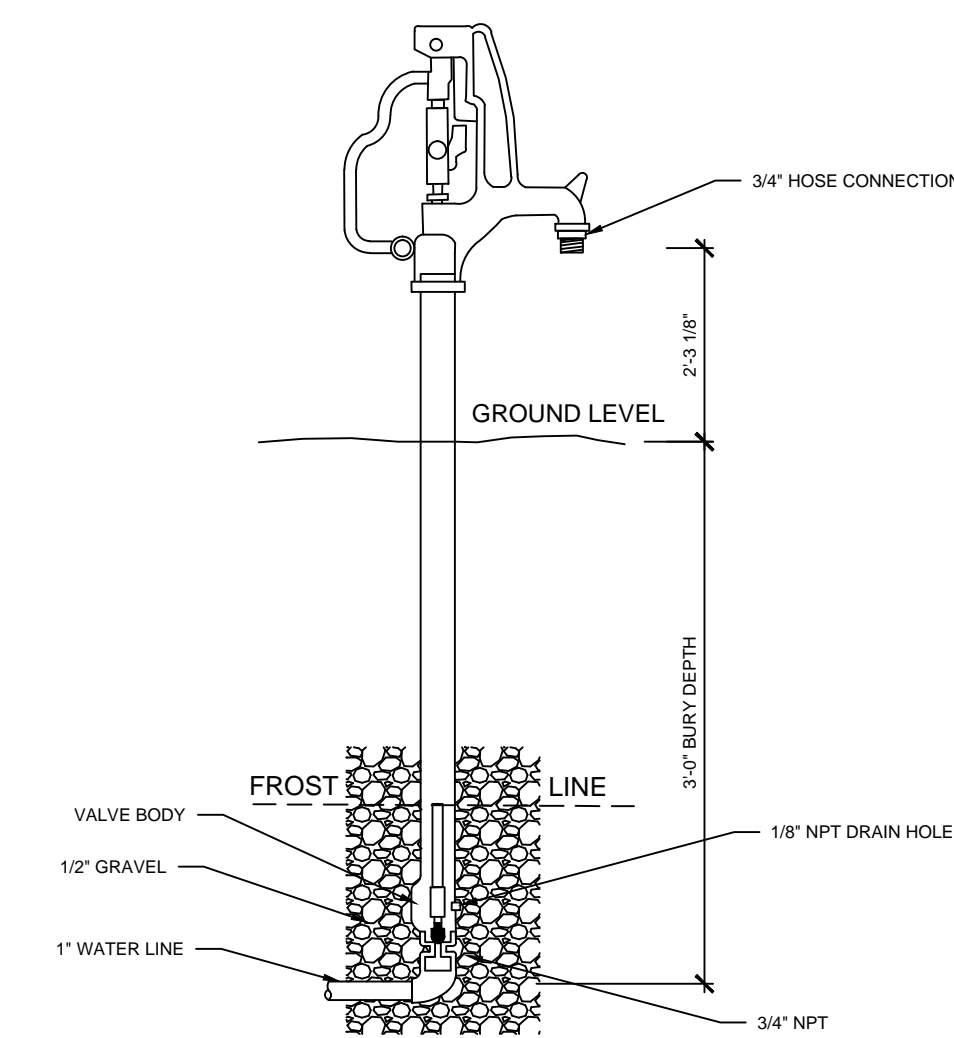
**05 POLE LIGHT BASE**  
SCALE: 1/2" = 1'-0"



**01 PLAN-DUMPSTER ENCLOSURE**  
SCALE: 3/4" = 1'-0"



**02 TYP. PIPE BOLLARD**  
SCALE: 1/2" = 1'-0"

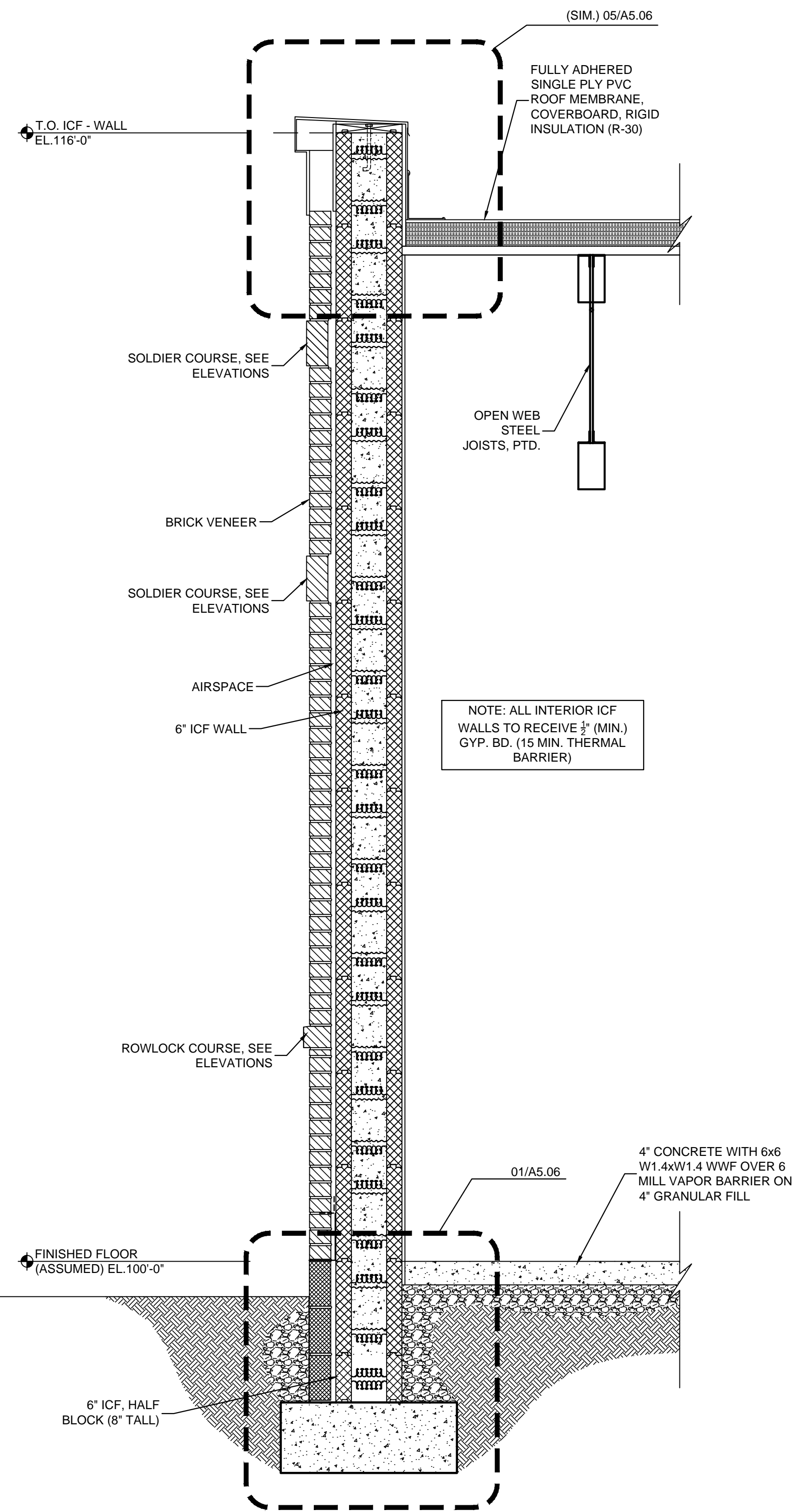


**08 TYP. YARD SPIGOT**  
SCALE: 1/2" = 1'-0"

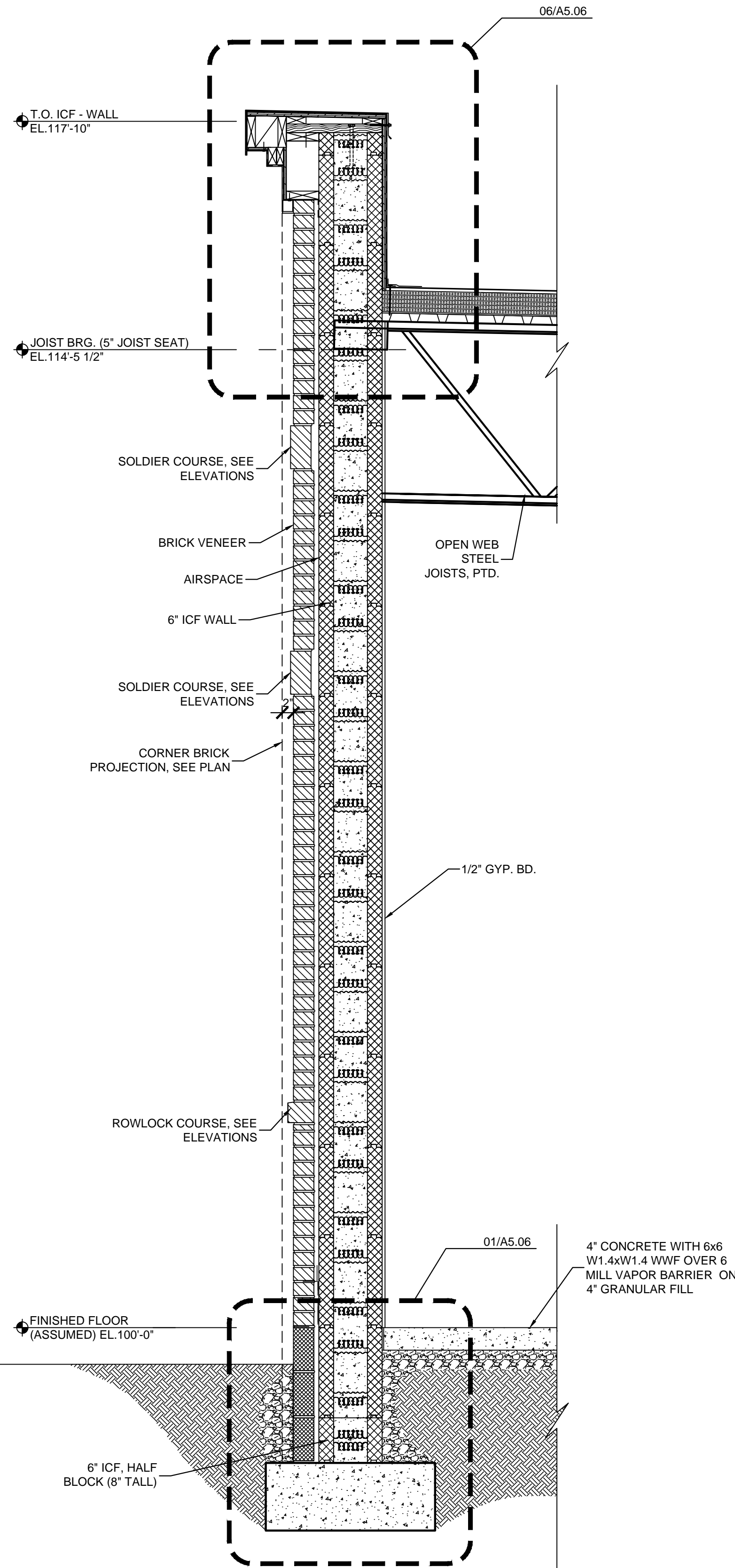


KEYES ARCHITECTS & ASSOCIATES  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

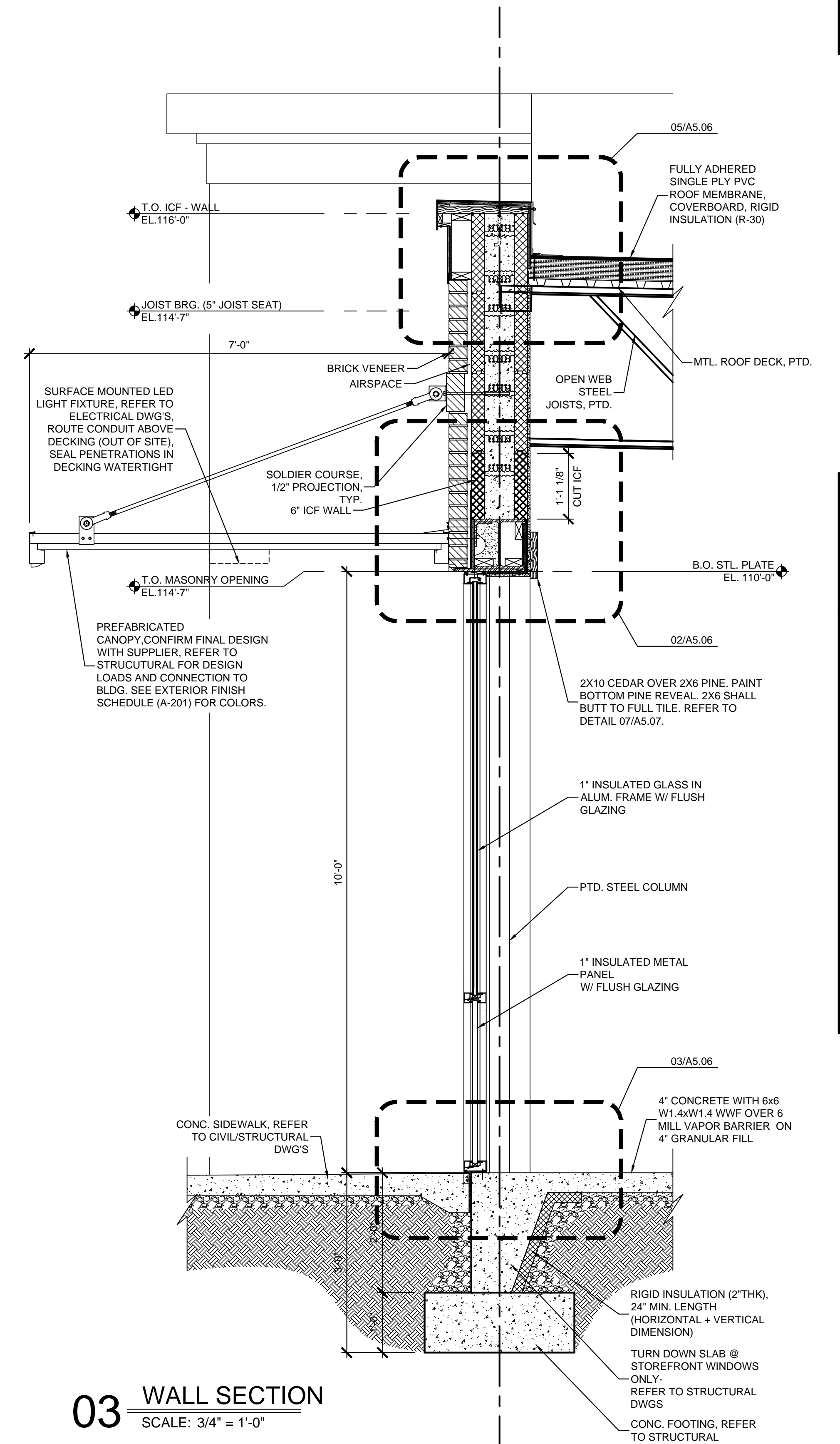
FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539



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



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



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

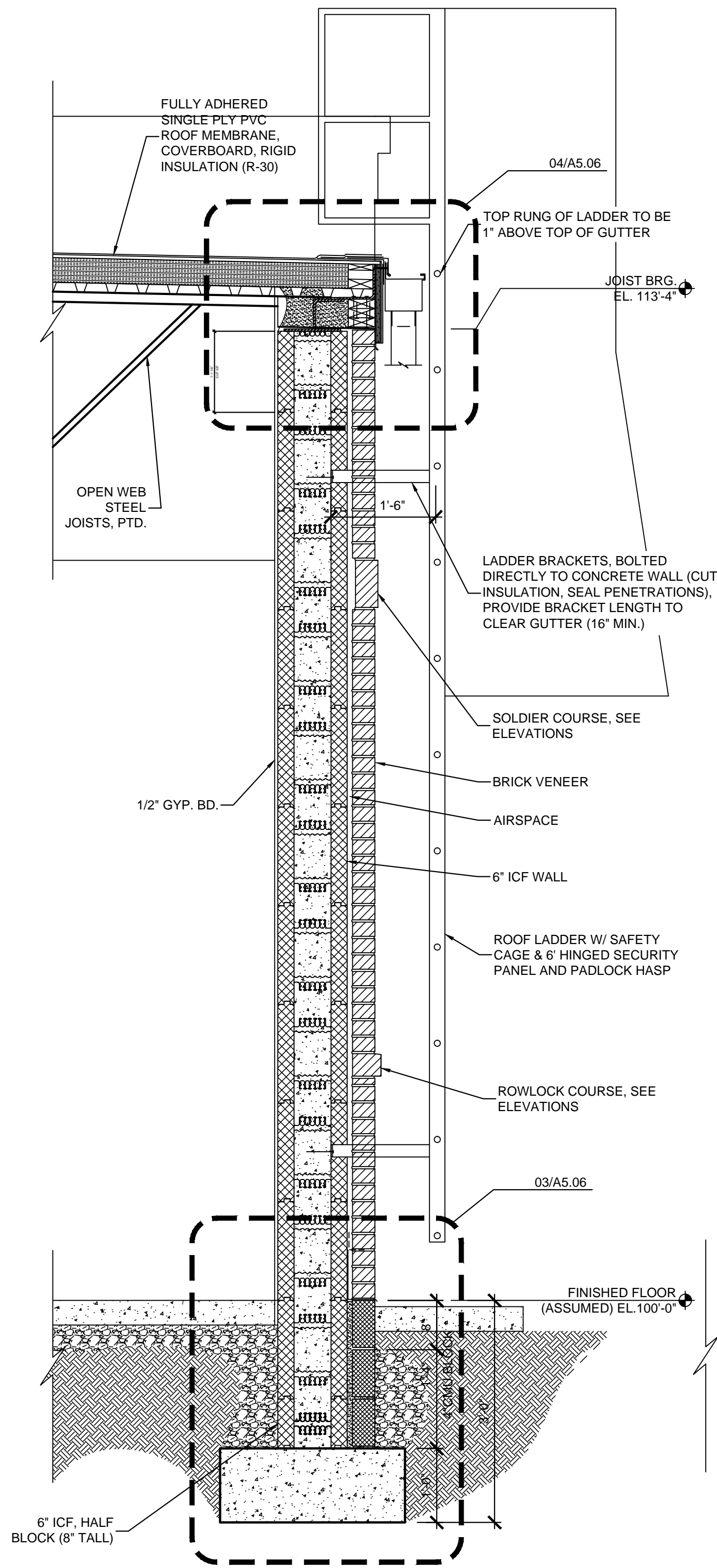
Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208



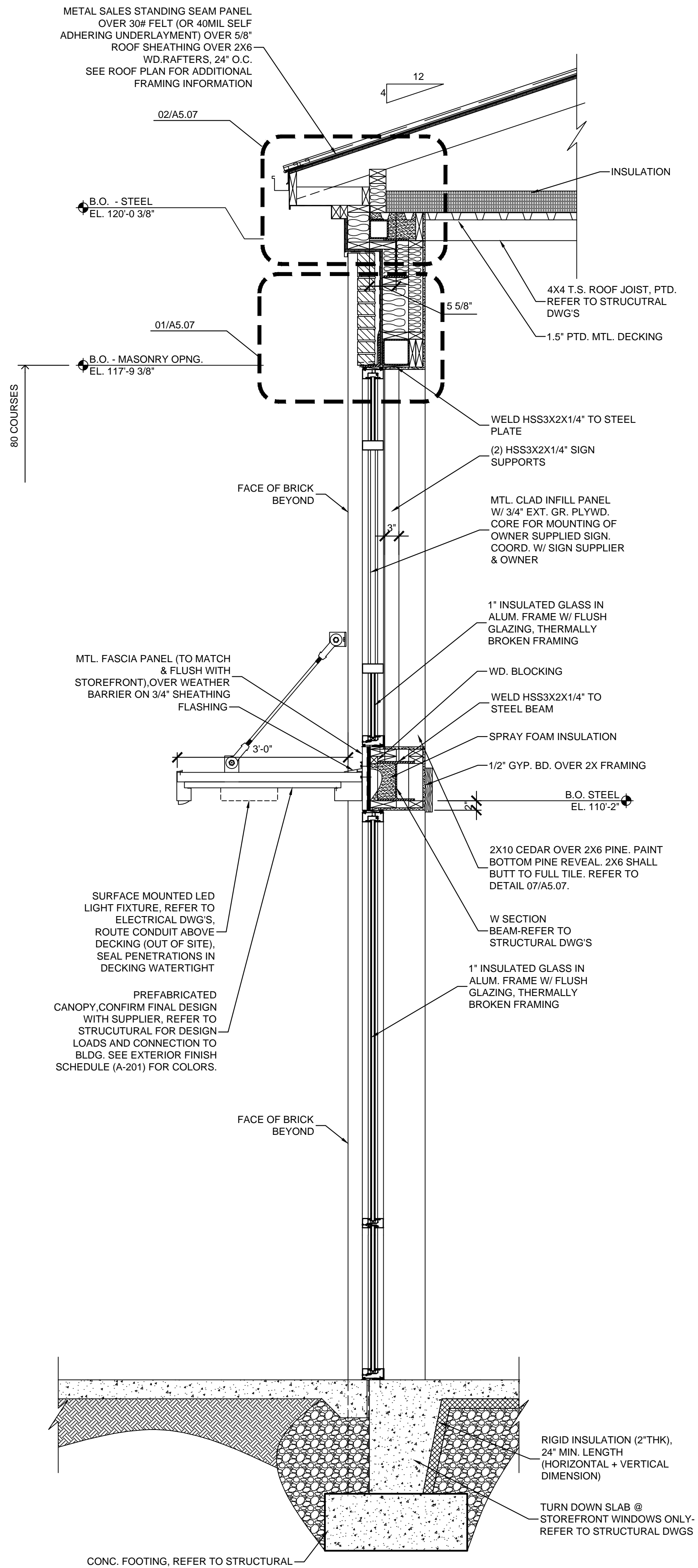
**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

**NEWCOMB OIL CO., LLC**  
FIVESTAR STORE #5150  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

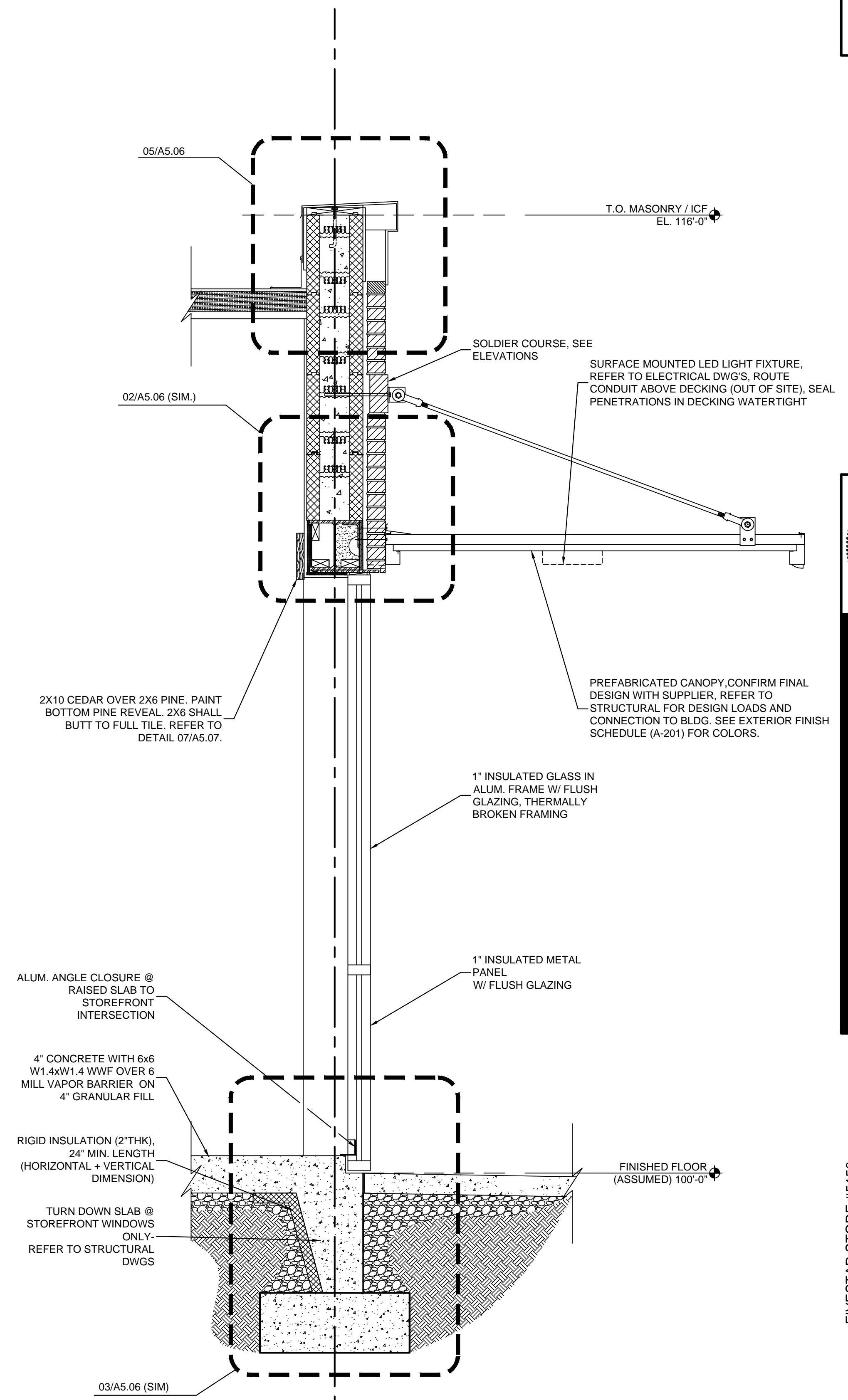
WALL SECTIONS & DETAILS  
**A5.03**



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



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



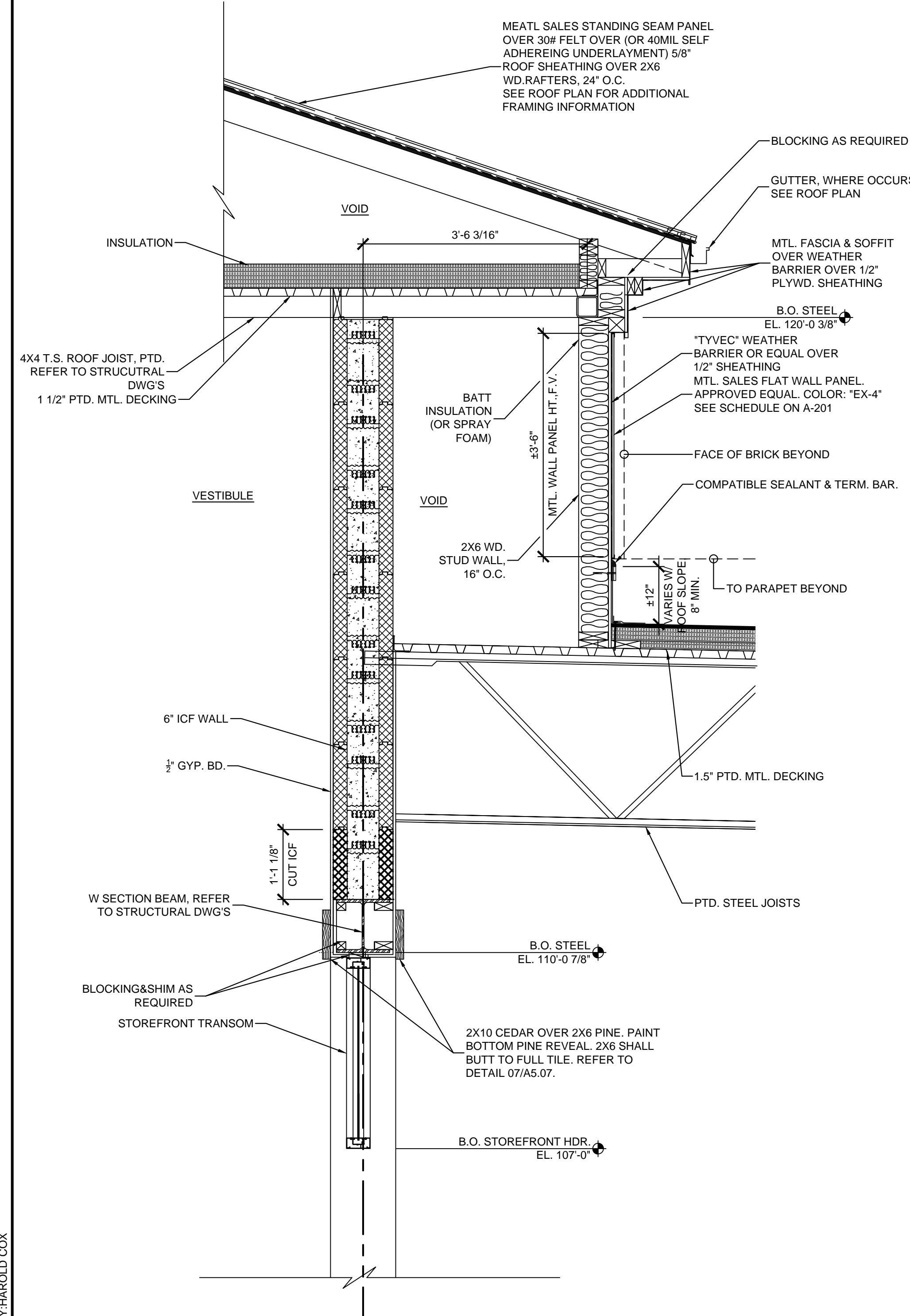
**03 WALL SECTION**  
SCALE: 3/4" = 1'-0"

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

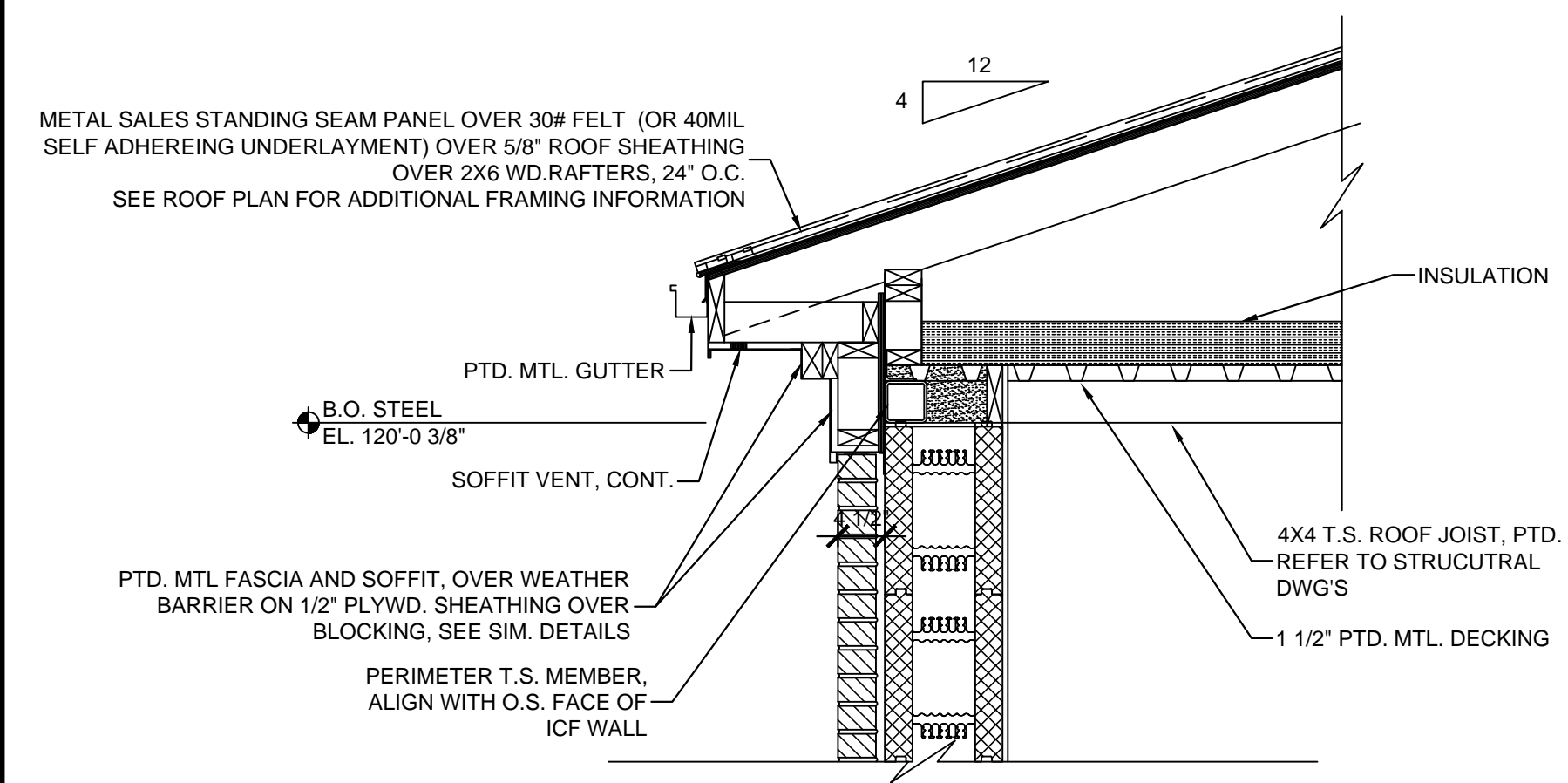


**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

**NEWCOMB OIL CO., LLC**  
FIVESTAR STORE #5150  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

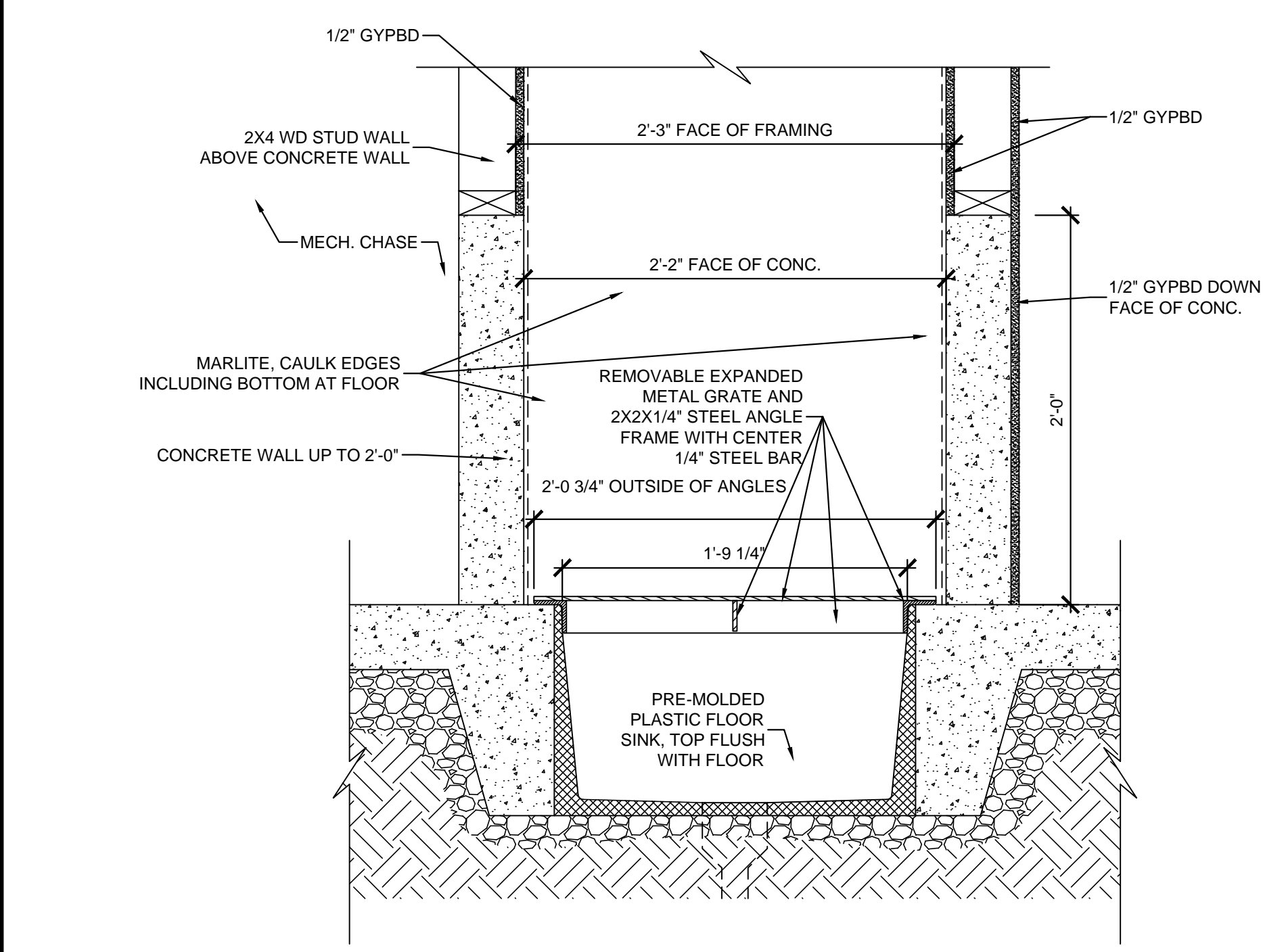


**01 WALL SECTION**  
SCALE: 3/4" = 1'-0"



**02 FLOOR SINK SECTION**  
SCALE: 1-1/2" = 1'-0"

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



PROJECT: NEWCOMB OIL CO., LLC - FILE: A5.05 Wall Sections & Details.dwg - DATE: Apr 27, 2021 4:10PM - BY: HAROLD COX

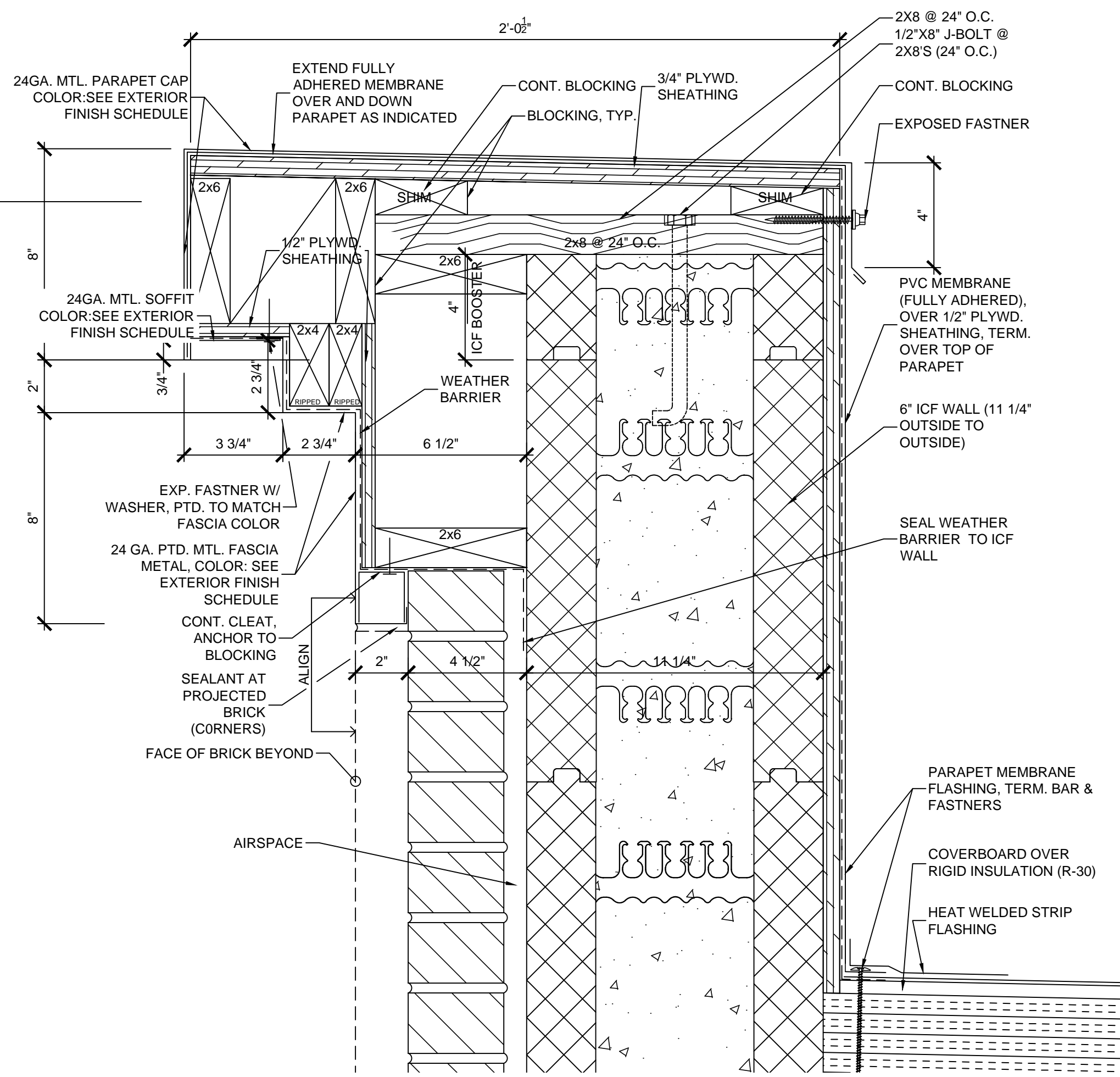


**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

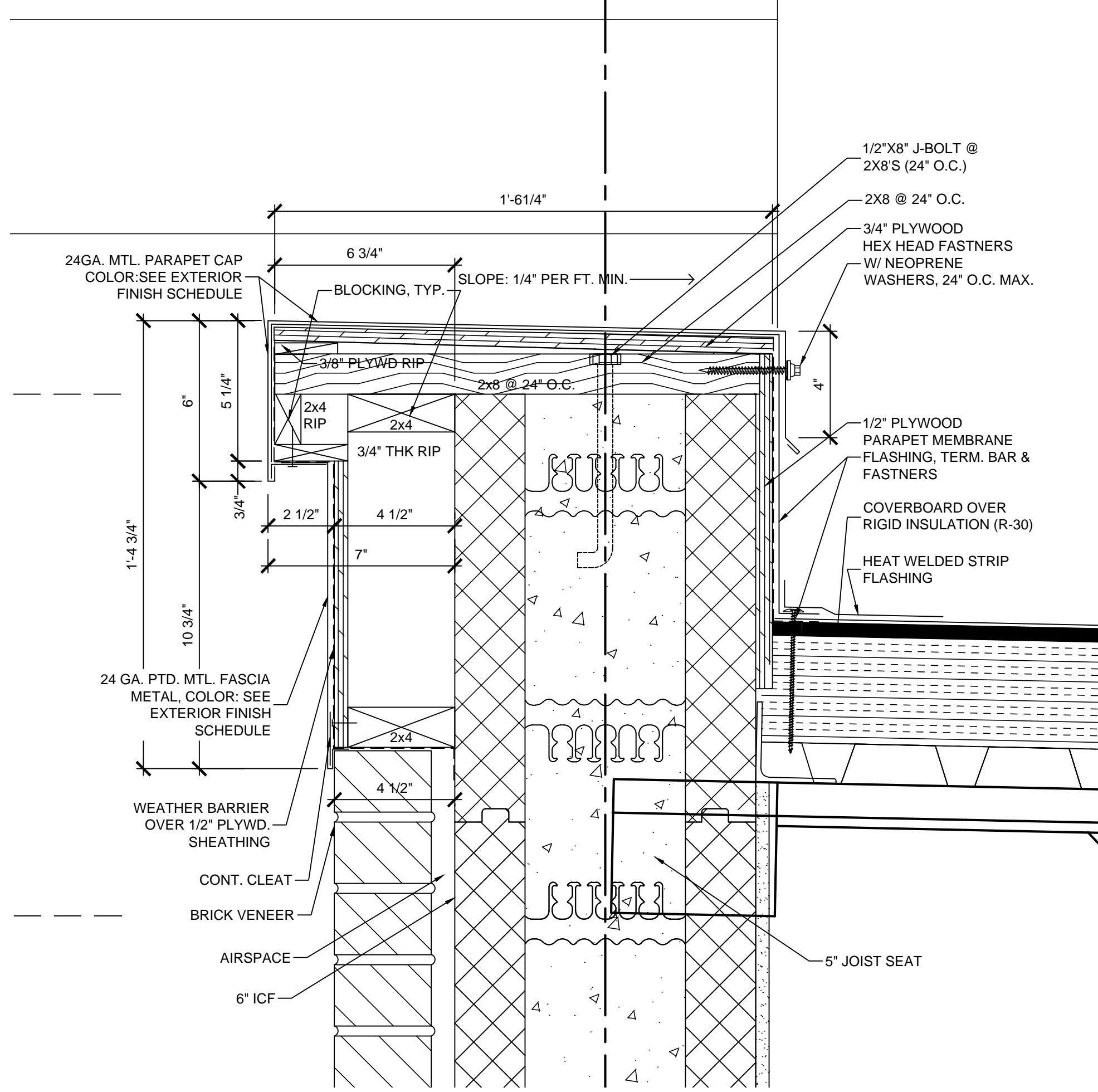
FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

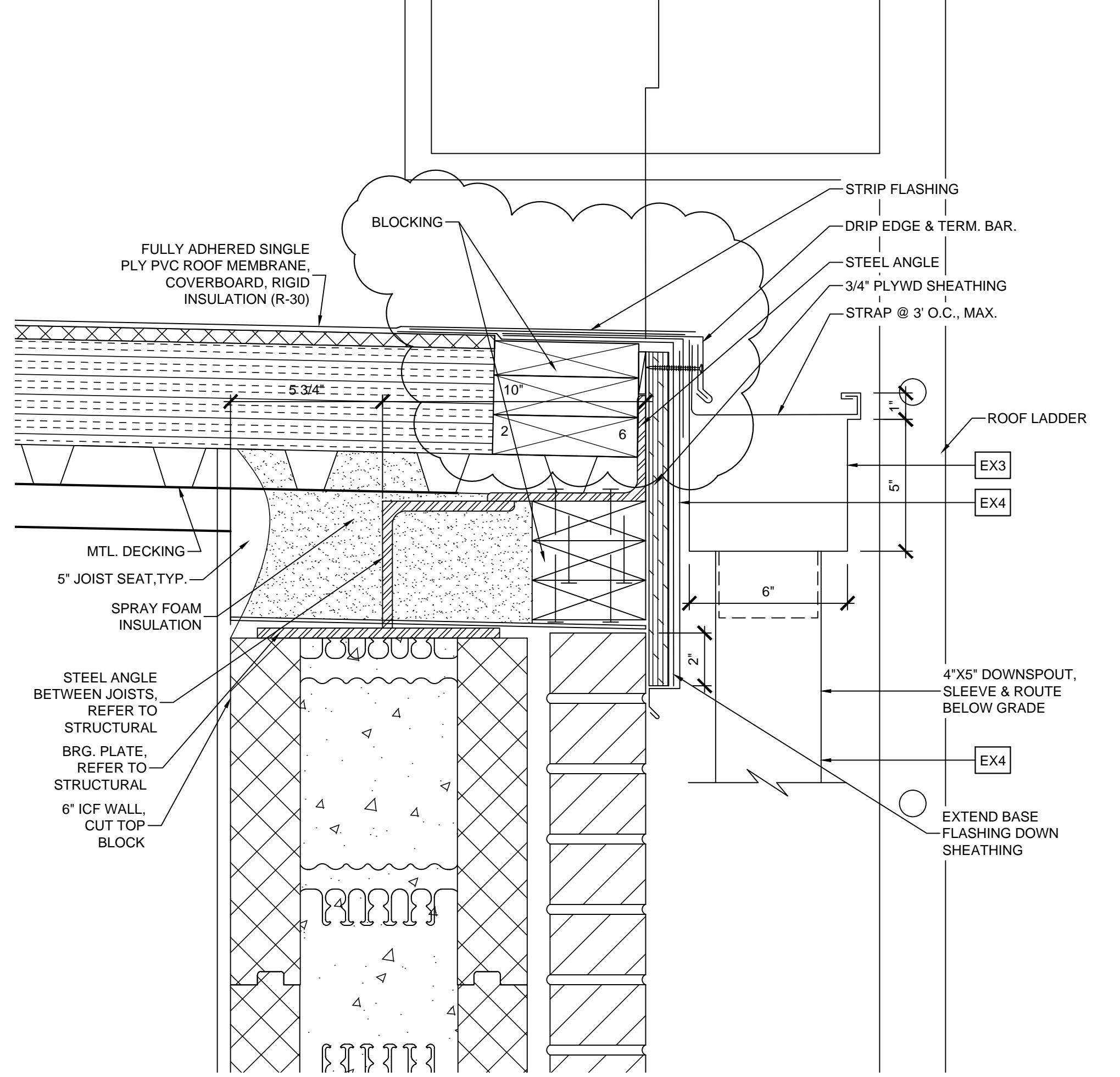
WALL SECTIONS & DETAILS  
**A5.05**



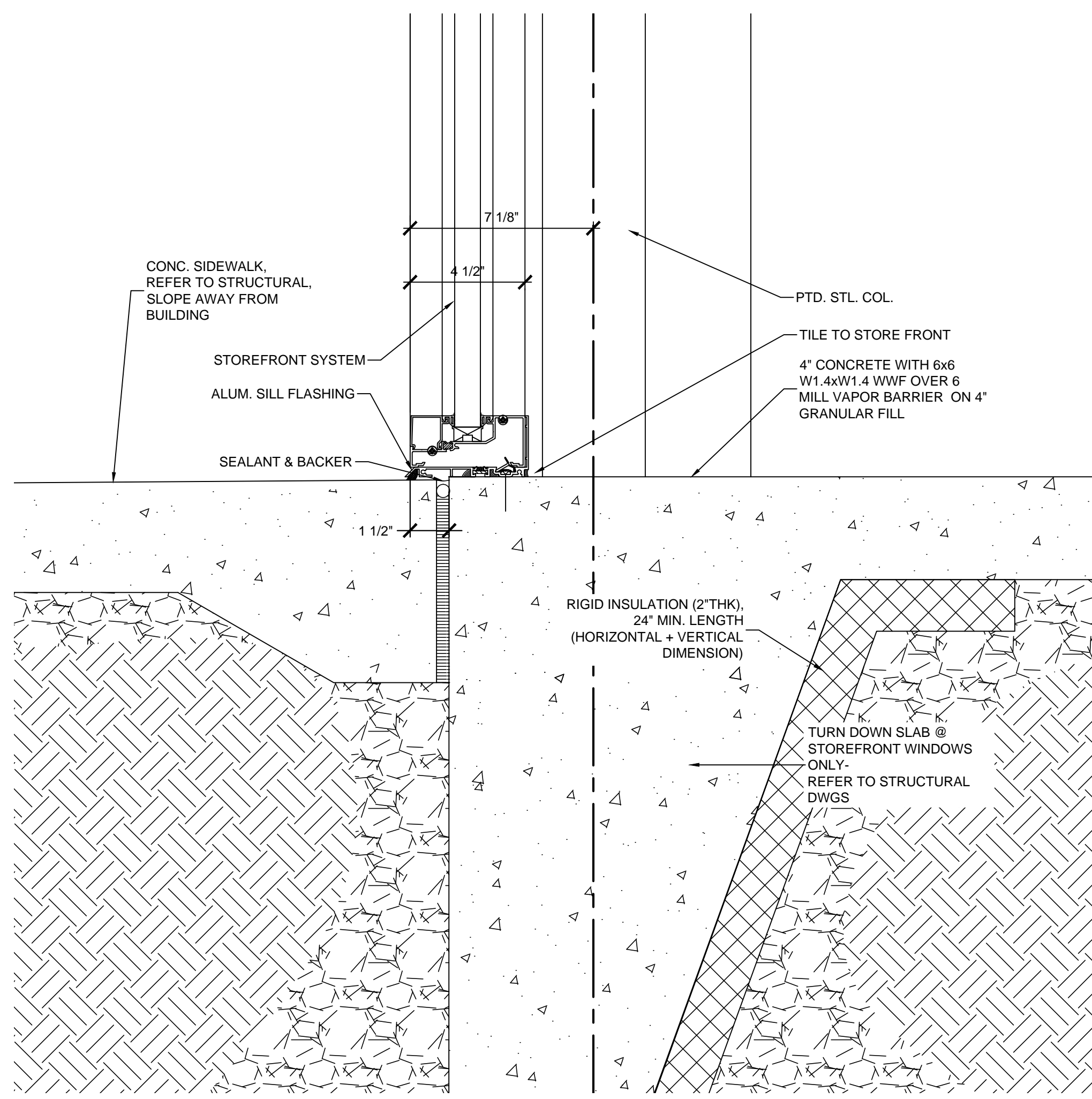
**06 SECTION DETAIL**  
SCALE: 3" = 1'-0"



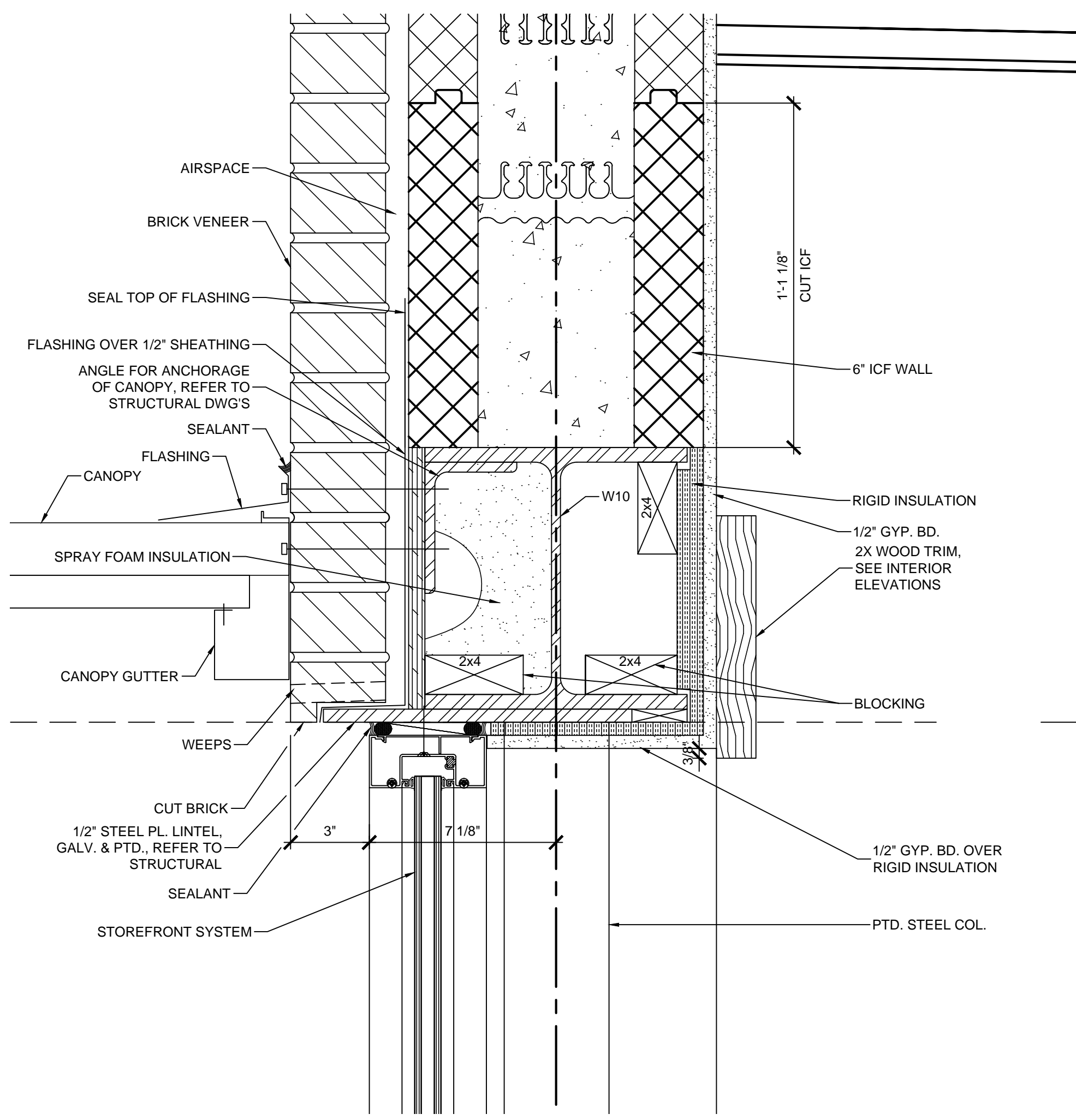
**05 SECTION DETAIL**  
SCALE: 3" = 1'-0"



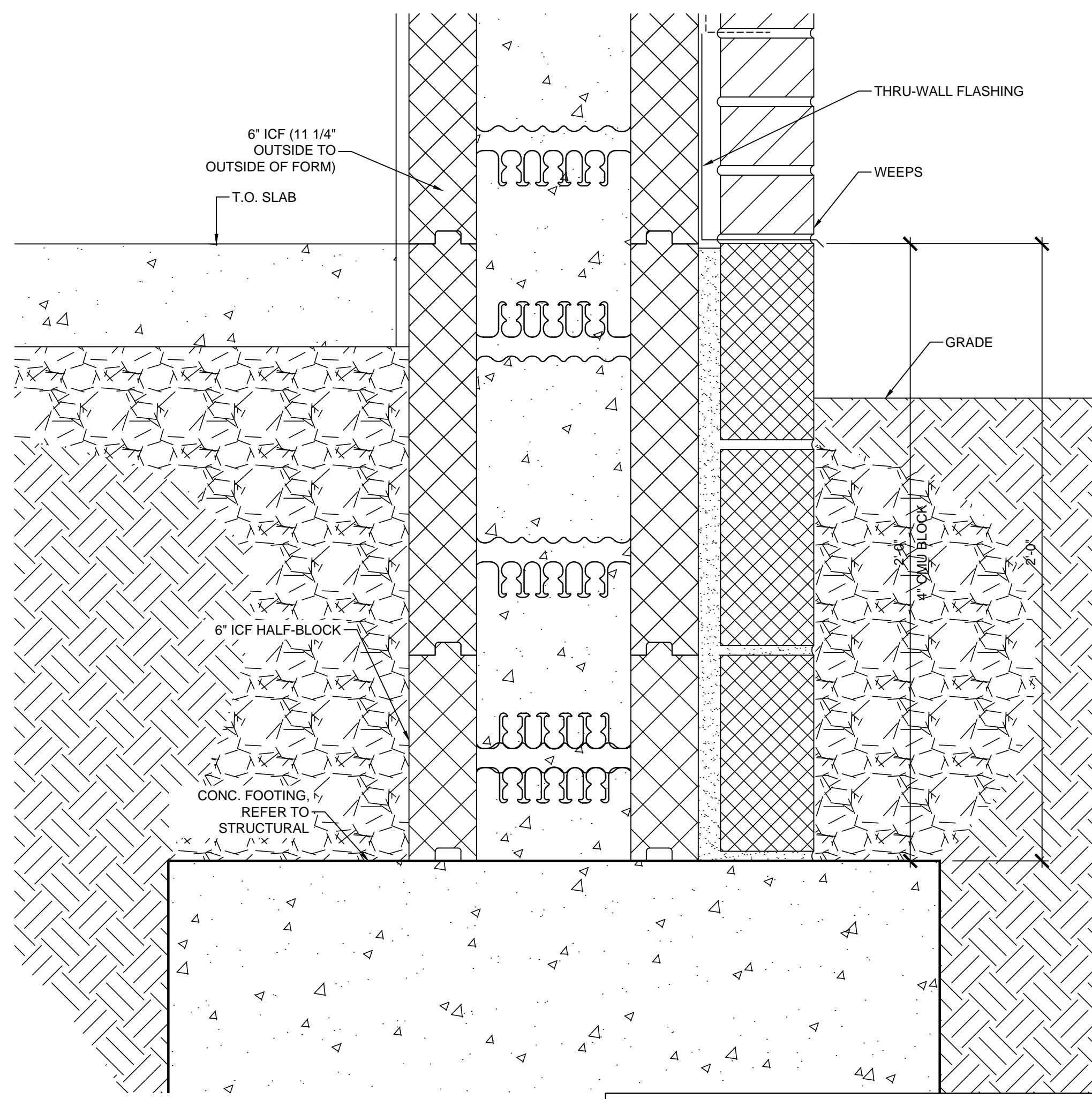
**04 SECTION DETAIL**  
SCALE: 3" = 1'-0"



**03 SECTION DETAIL**  
SCALE: 3" = 1'-0"



**02 SECTION DETAIL**  
SCALE: 3" = 1'-0"



**01 SECTION DETAIL**  
SCALE: 3" = 1'-0"

PROJECT: NEWCOMB OIL CO., LLC - FILE: A5.06 Wall Sections & Details.dwg - DATE: Apr 27, 2021 4:10PM - BY: HAROLD COX

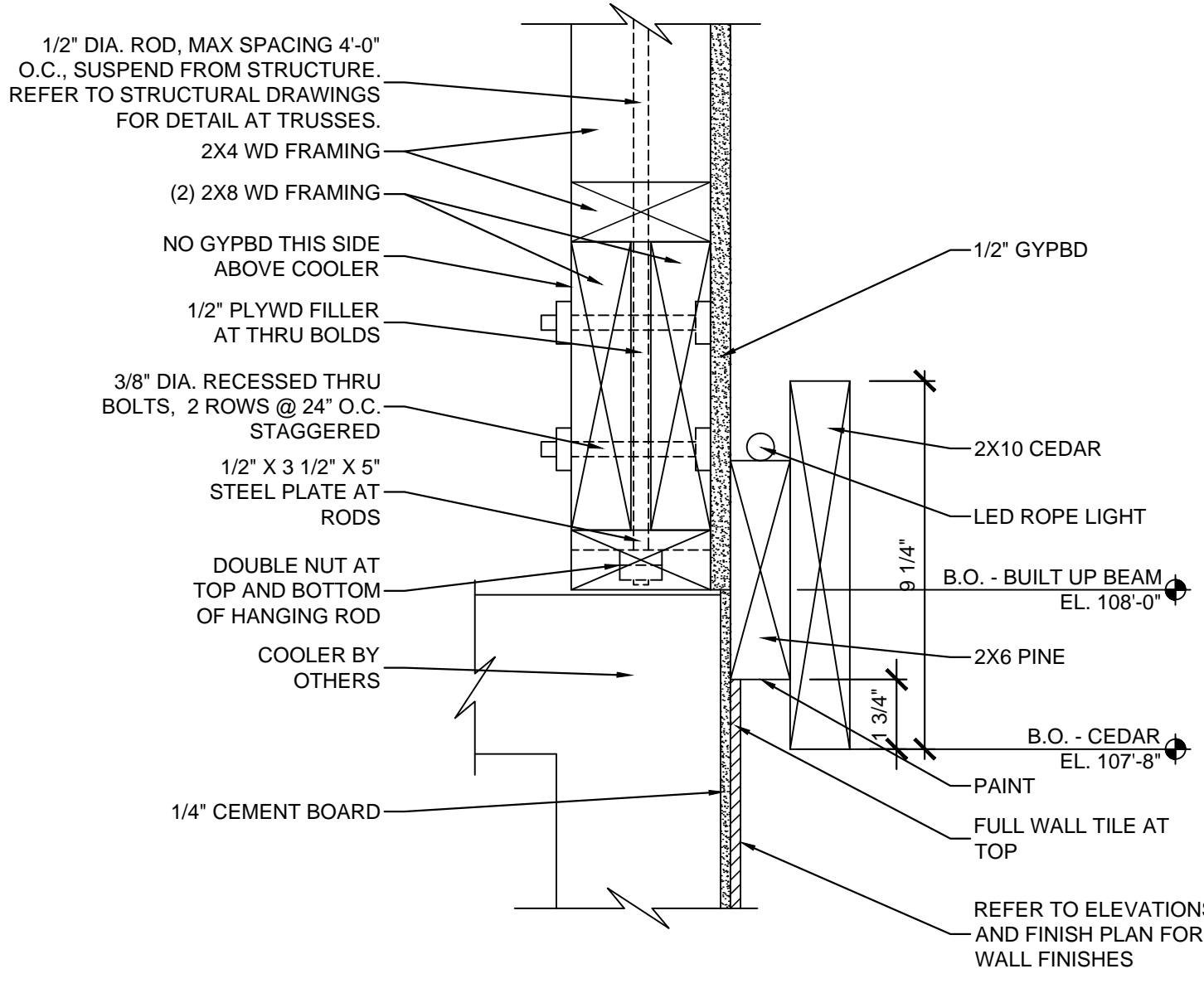


**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

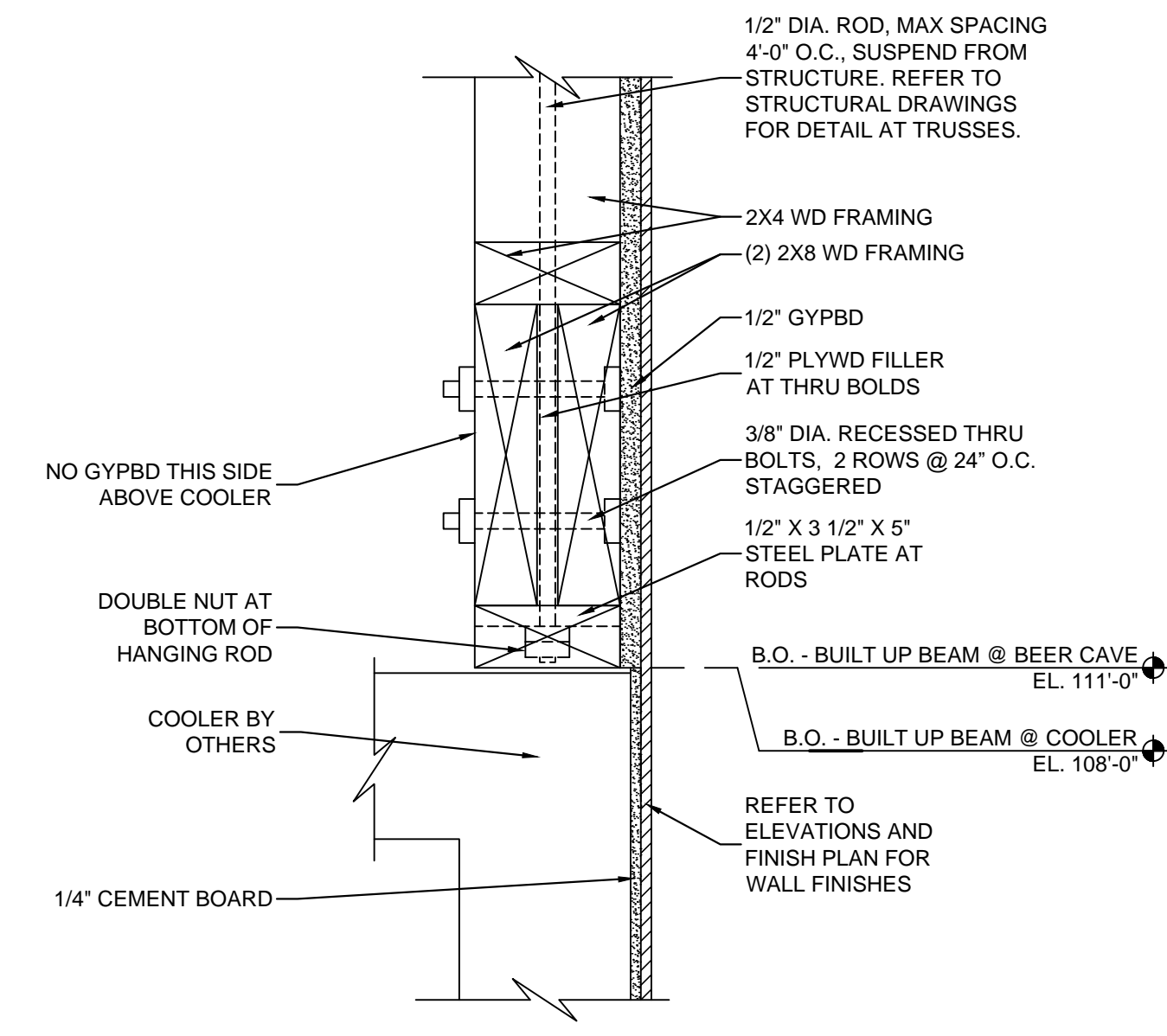
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

FIVESTAR STORE #5150  
WALL SECTIONS & DETAILS  
**A5.06**

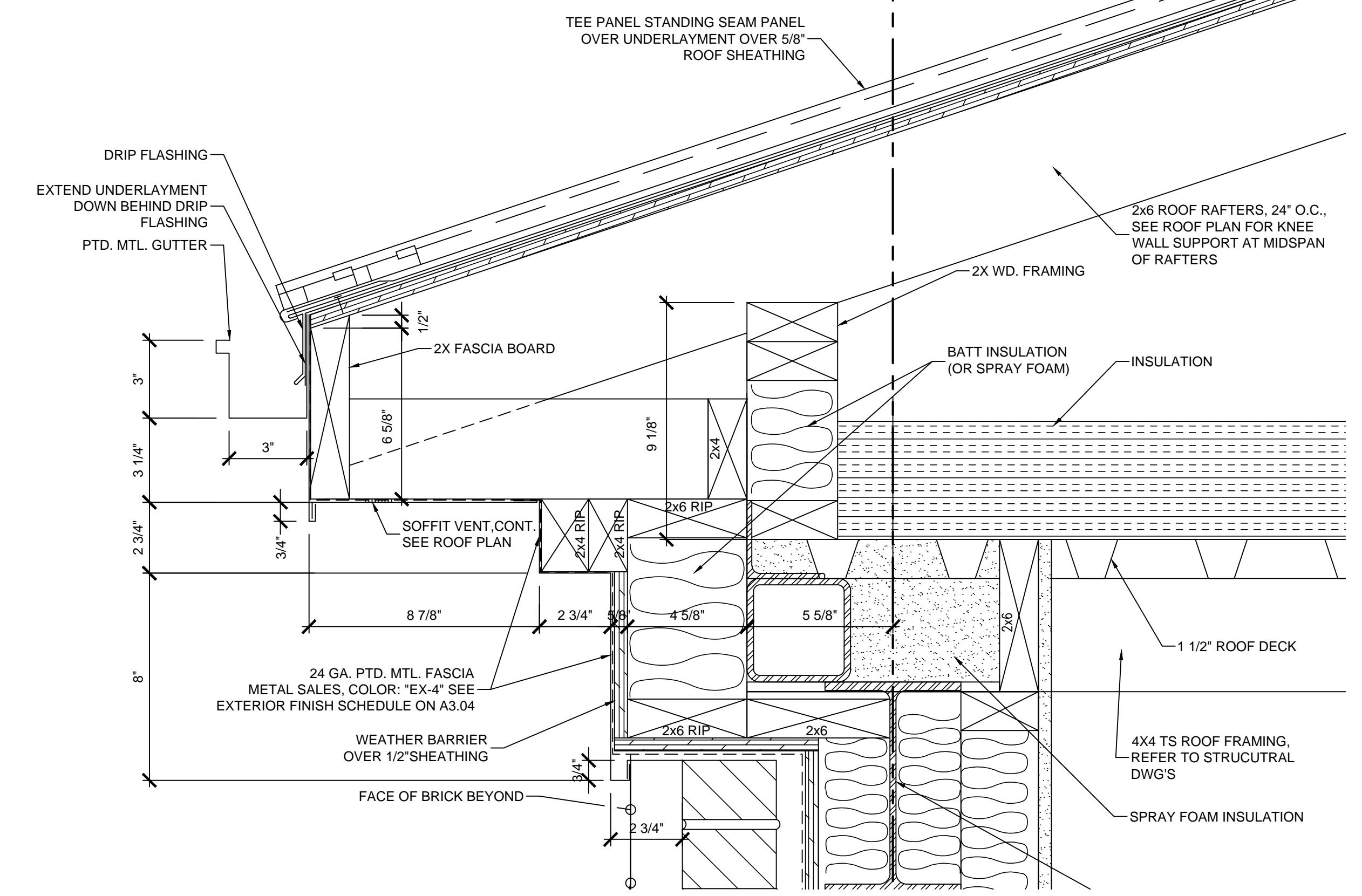
Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208



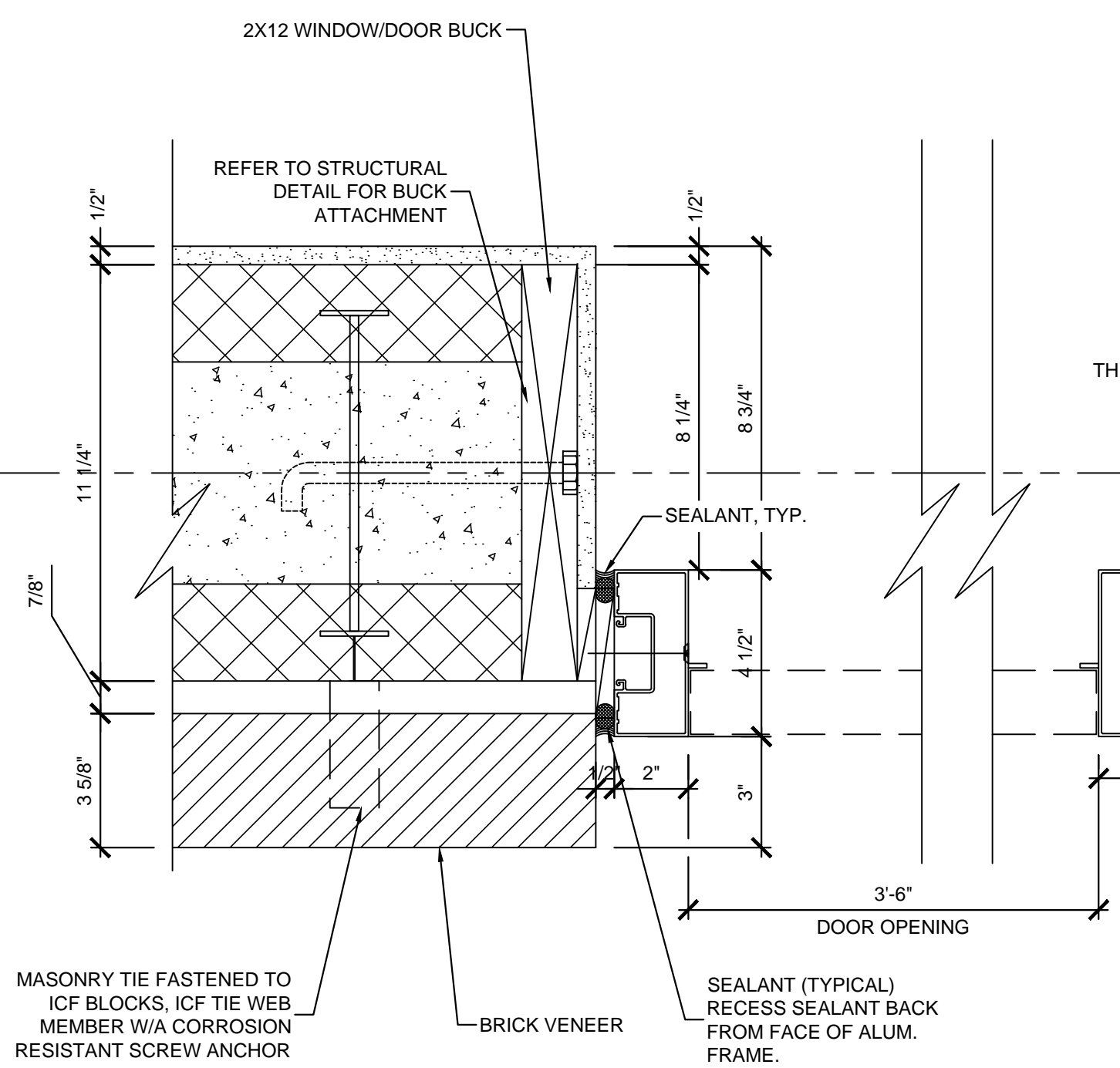
**07 SECTION DETAIL: HEAD DTL.**  
SCALE: 3" = 1'-0"



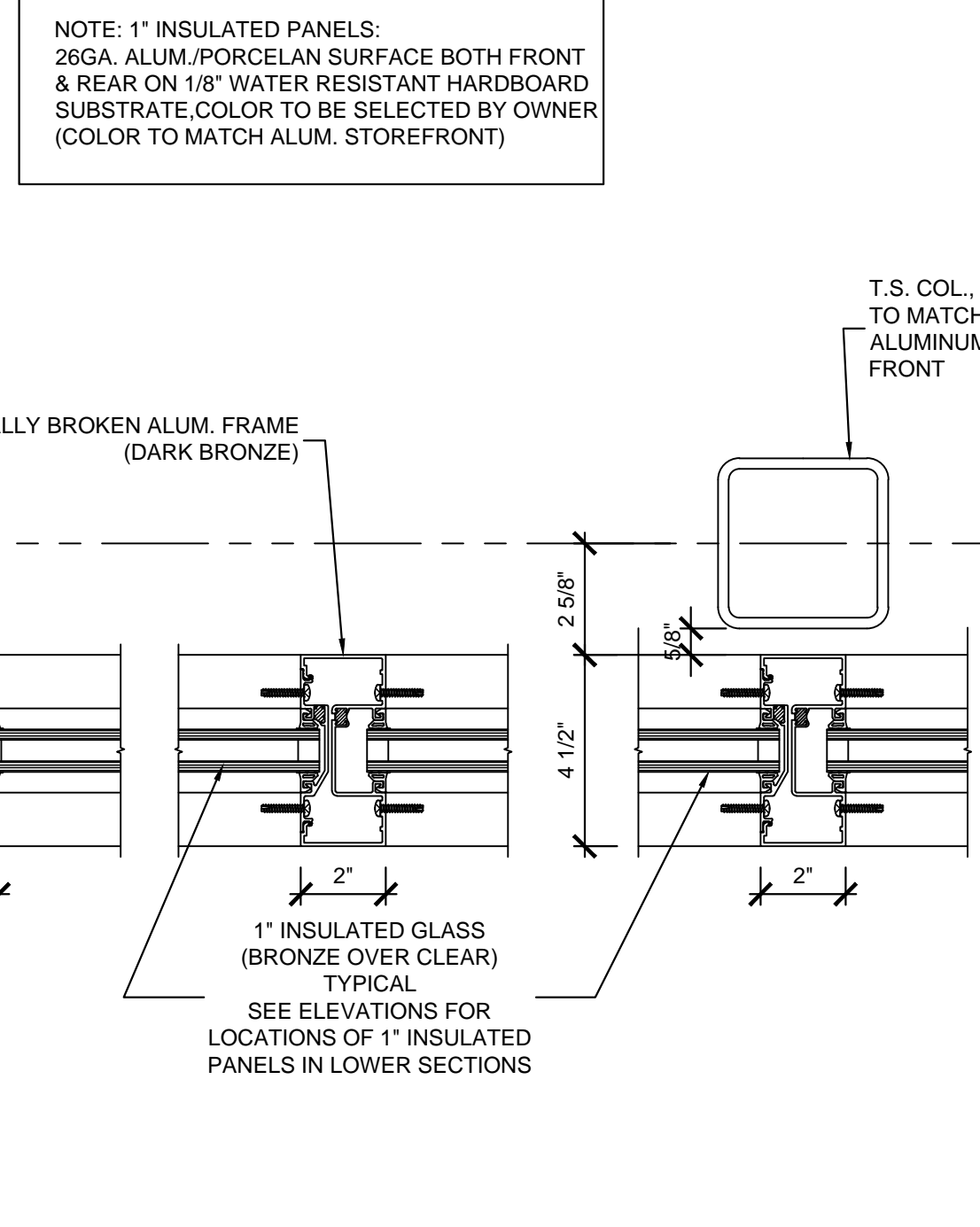
**06 SECTION DETAIL: HEAD DTL.**  
SCALE: 3" = 1'-0"



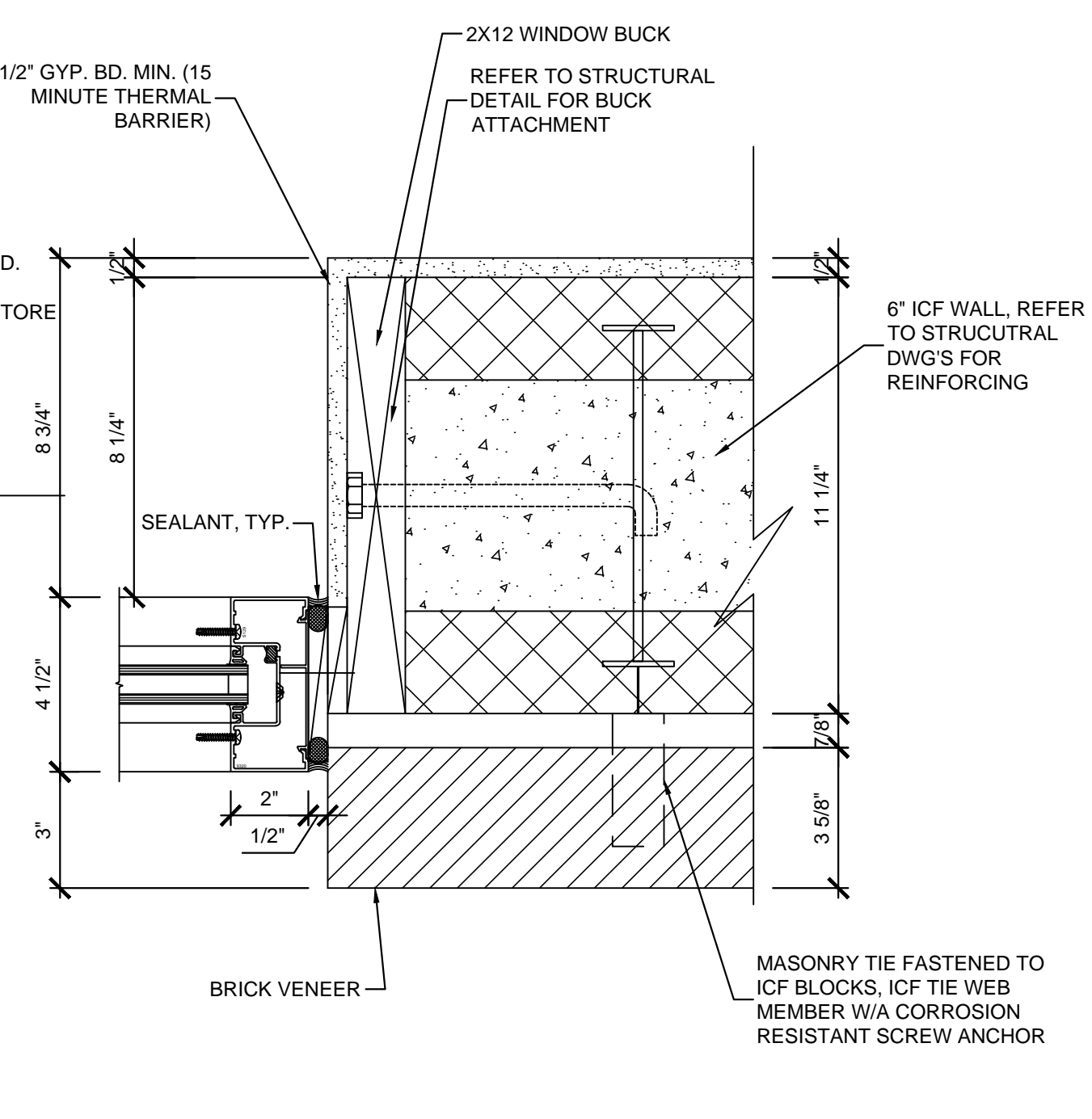
**02 SECTION DETAIL**  
SCALE: 3" = 1'-0"



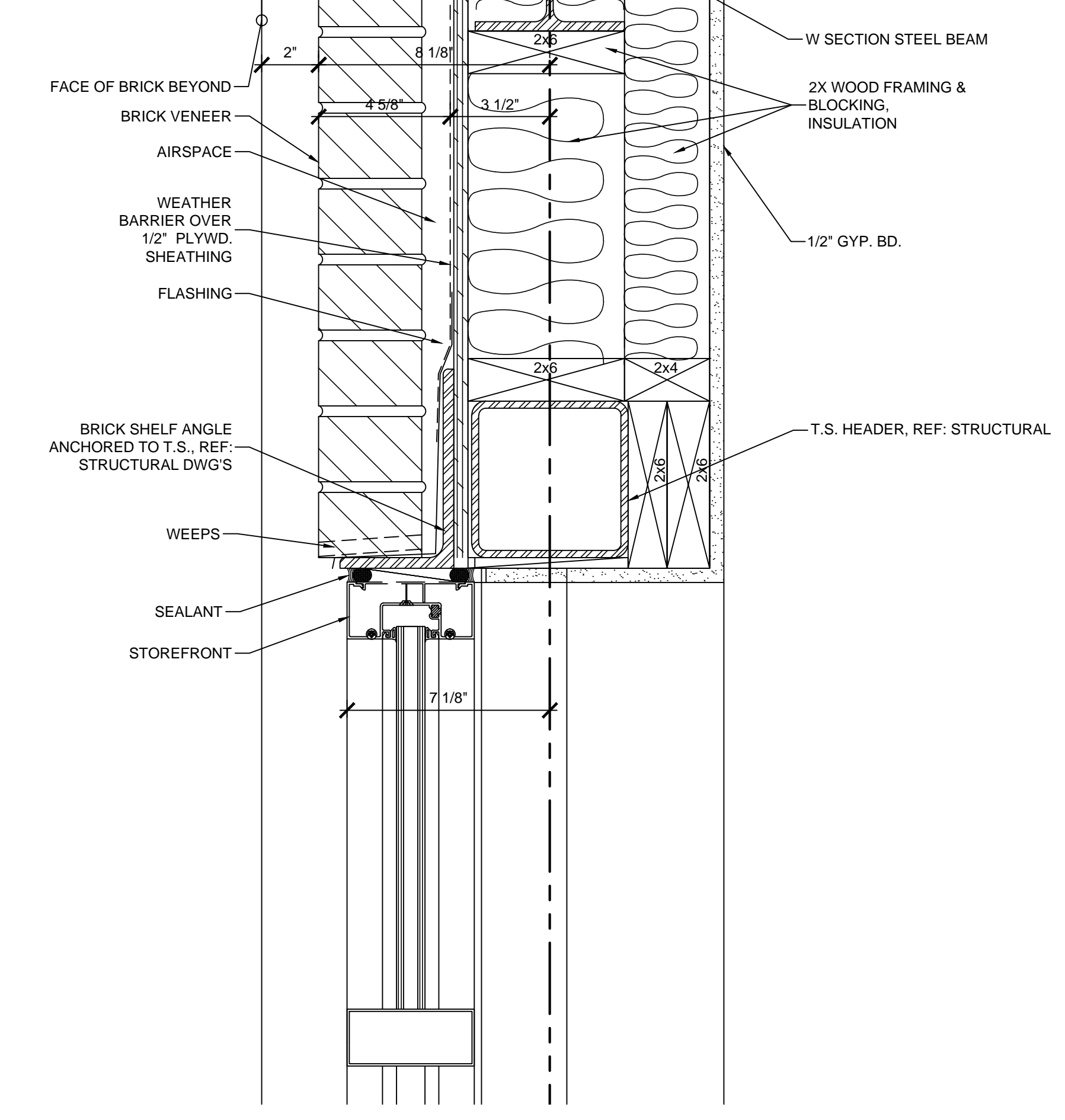
**05 STOREFRONT JAMB**  
SCALE: 3" = 1'-0"



**04 STOREFRONT JAMB**  
SCALE: 3" = 1'-0"



**03 STOREFRONT JAMB**  
SCALE: 3" = 1'-0"



**01 SECTION DETAIL**  
SCALE: 3" = 1'-0"



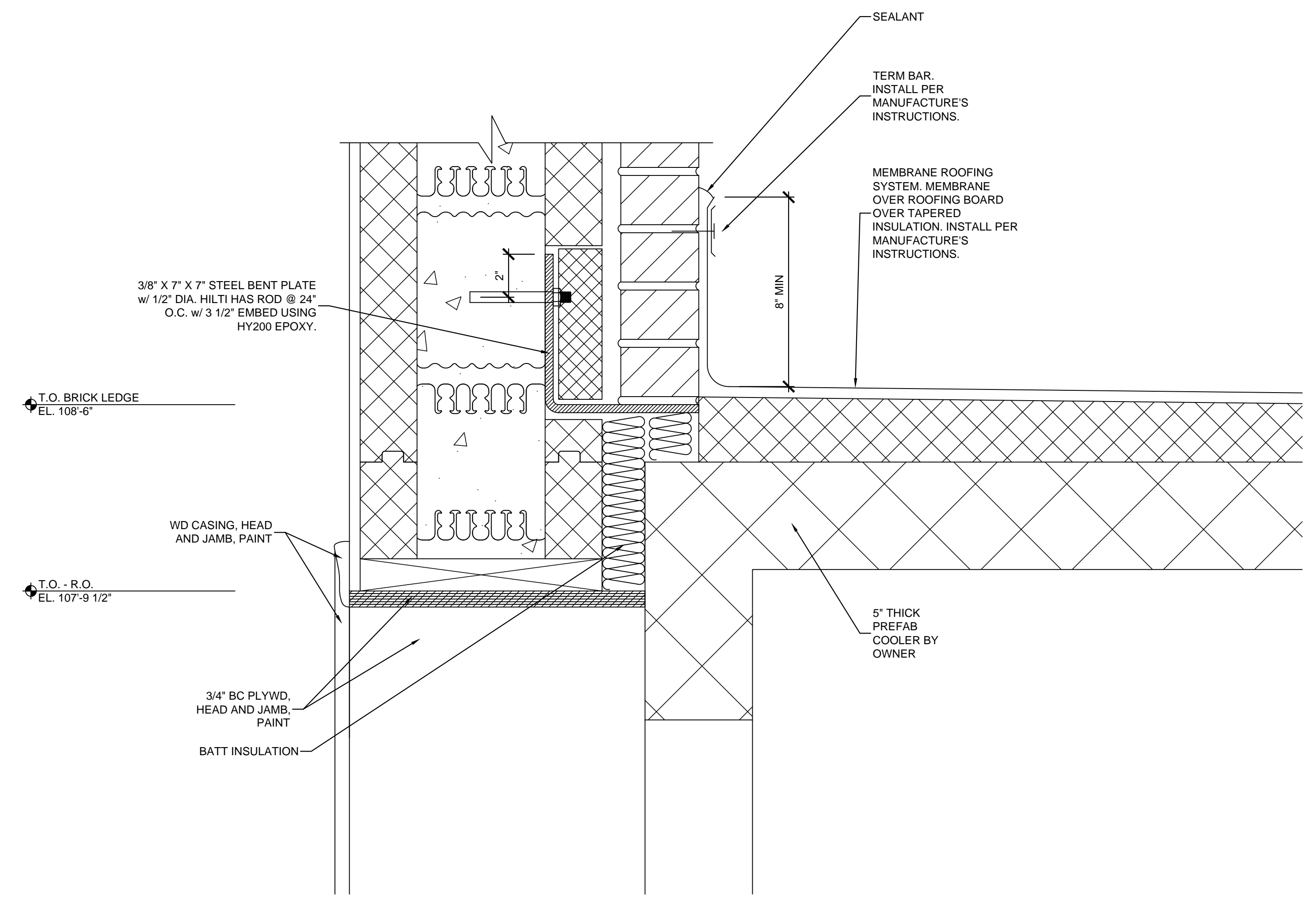
**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

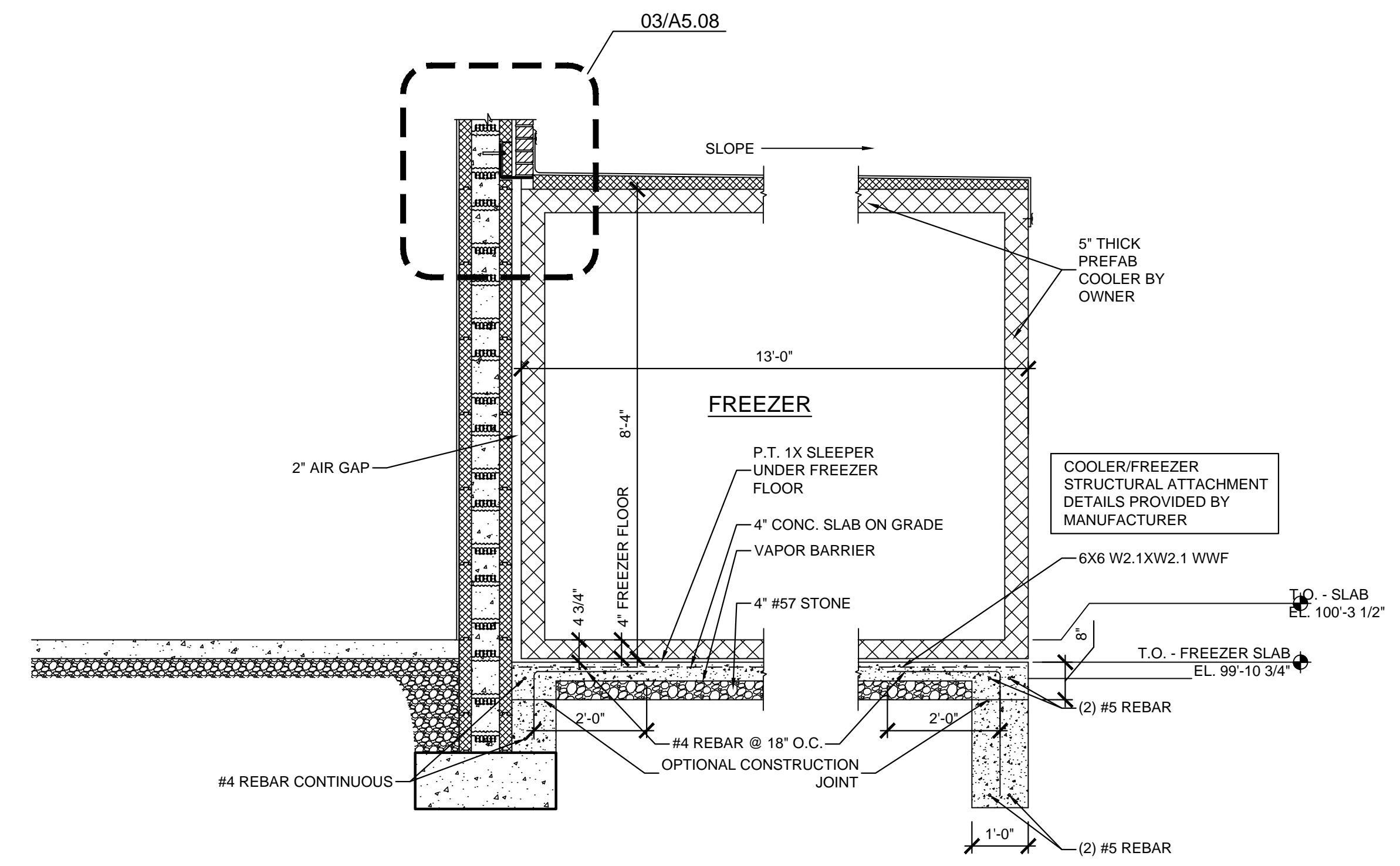
Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

PROJECT: NEWCOMB OIL CO., LLC - FILE: A5.07 Wall Sections & Details.dwg - DATE: Apr 27, 2021 4:10PM - BY: HAROLD COX

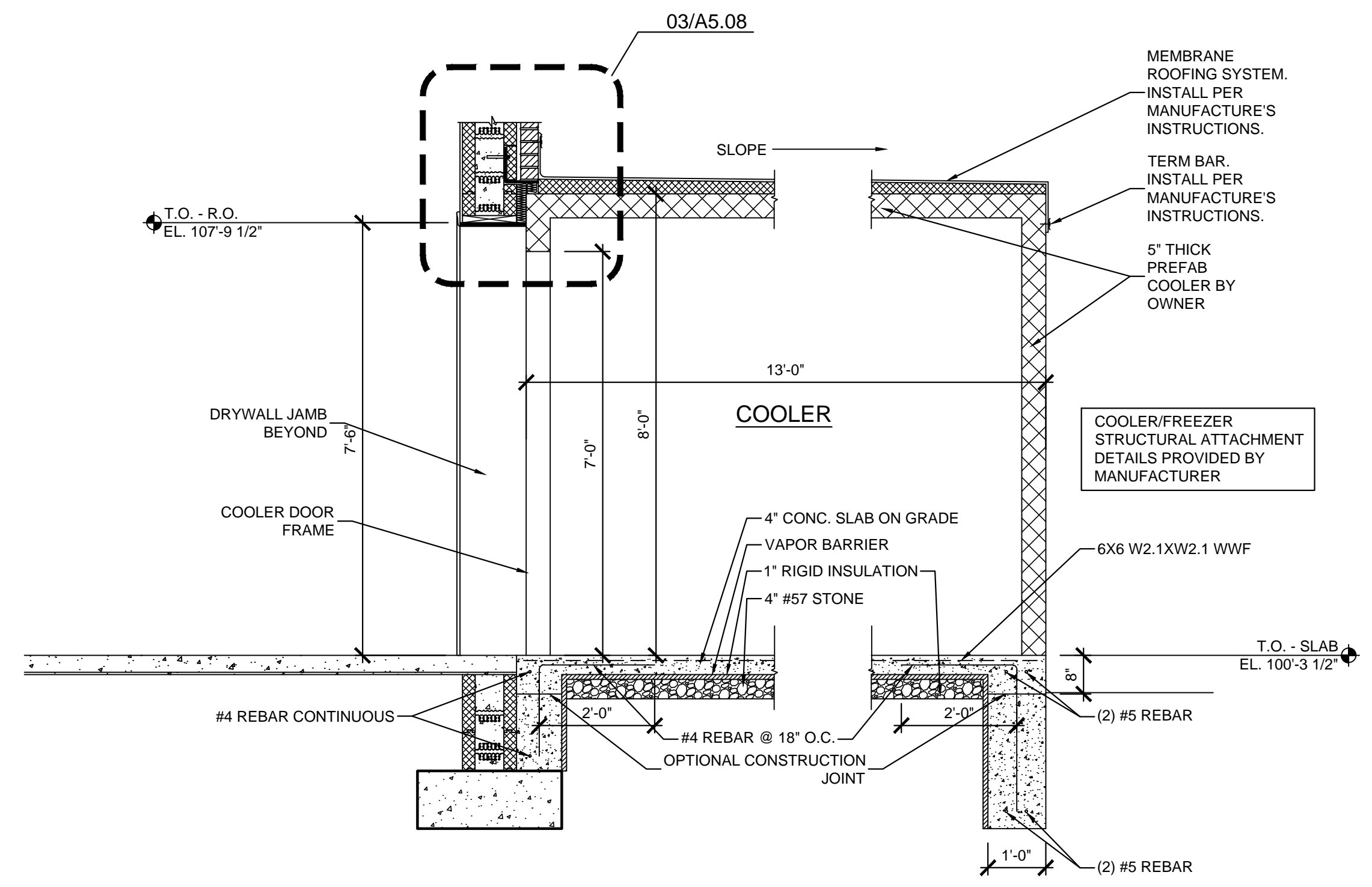




**03 SECTION DETAIL**  
SCALE: 3" = 1'-0"

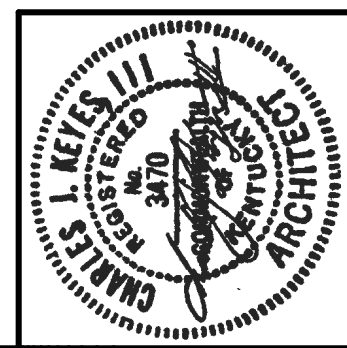


**02 SECTION DETAIL**  
SCALE: 1/2" = 1'-0"



**01 SECTION DETAIL**  
SCALE: 1/2" = 1'-0"

PROJECT: NEWCOMB OIL CO., LLC - FILE: A5.08 Wall Sections & Details.dwg - DATE: Apr 27, 2021 4:10PM - BY: HAROLD COX



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC**  
511 NORTH WALLACE BLVD.  
LIBERTY KY 42539

Keyes Architects and Associates expressly reserve its common law copyright and other property rights in these documents. These documents are considered proprietary information and shall not be upgraded, changed or copied in any form or matter whatsoever nor are they to be assigned to any third party without first obtaining the express written permission and consent of Keyes Architects and Associates, 3005 Taylor Boulevard, Louisville, Kentucky 40208

WALL SECTIONS & DETAILS  
**A5.08**



DUCT RUNOUT SCHEDULE			
DIFFUSER	DUCT SIZE	GRILLE	DUCT SIZE
S-1	6"	R-1	12X10
S-2	8"	R-2	46X46
S-3	10"	R-3	10X8
S-4	6"		
S-5	12X10		

- GENERAL NOTES:
- ALL OPEN-CEILING AREAS SHALL UTILIZE A RIGID DUCT CONNECTION (WITH SUPPORTS) TO DIFFUSER. DIFFUSER SHALL BE MOUNTED AT A TYPICAL ELEVATION OF 11'-0" UNLESS OTHERWISE SHOWN ON DRAWING. TYPICAL PLACEMENT OF DIFFUSER IN OPEN-CEILING AREAS ARE CENTERED BETWEEN JOISTS UNLESS SPECIFIC DIMENSION IS SHOWN ON DRAWING.
  - ALL RECTANGULAR, ROUND, AND FLEXIBLE DUCTS SHALL BE SIZED AS SHOWN ON THESE DRAWINGS. MINIMUM INTERNAL DIMENSIONS ARE GIVEN.
  - INSTALL TURNING VANES IN ALL 90 DEGREE SUPPLY AND RETURN DUCT ELBOWS AND AT ALL DUCT TEES.
  - CONDENSATE DRAIN LINES SHALL BE SLOPED AT A MINIMUM 1/8" PER LINEAR FOOT OF RUN. ALL DRAIN EXITS FROM PCU-1 SHALL INCLUDE A TRAP AND CLEAN-OUT PLUG.
  - CONTRACTOR SHALL HAVE ALL THERMOSTATS/TEMPERATURE SENSORS CALIBRATED TO MANUFACTURER'S SPECIFICATIONS PRIOR TO TURNING SYSTEM OVER TO OWNER.
  - BALANCE DIFFUSERS AND GRILLES TO AIRFLOWS INDICATED ON PLAN. PROVIDE AIR-BALANCE REPORT TO GENERAL CONTRACTOR.
  - MANUFACTURER'S RECOMMENDED CLEARANCES SHALL BE MAINTAINED FOR ALL MECHANICAL EQUIPMENT. ALL PIPING VALVES AND MANUAL VOLUME DAMPERS SHALL BE EASILY ACCESSIBLE.
  - FLEXIBLE DUCTWORK IS ALLOWED FOR USE ON CONCEALED DUCTWORK. REFER TO DETAIL SHEET FOR MORE INFORMATION.
  - HATCHED PORTION OF DUCTWORK SHALL BE WRAPPED WITH OWENS/CORNING ALL SERVICE FIBERGLASS DUCT WRAP - "FACED DUCT WRAP - TYPE 75", 3" THICK FIBERGLASS DUCT WRAP, WITH A MINIMUM R-VALUE OF 8, FACTORY LAMINATED TO A REINFORCED FOIL KRAFT VAPOR BARRIER. REFER TO INSULATION CHART ON SHEET M1.01 FOR INSTALLATION REQUIREMENTS.
  - ANY ROUND DUCTWORK EXPOSED TO VIEW SHALL HAVE SPIRAL OUTER SHELL, LOCK-SEAM CONSTRUCTION FABRICATED FROM PAINT GRIP GALVANIZED STEEL MEETING ASTM-527 STANDARDS. ANY DUCTWORK EXPOSED TO VIEW SHALL BE CONSTRUCTED OF G90 ALUMINIZED STEEL AND SHALL BE SUPPORTED AS REQUIRED WITH AIRCRAFT CABLES WITH SELF-TIGHTENING LOCKS. EXPOSED METAL DUCT SHALL BE PREPPED AND PAINTED BY OWNER.
  - DUCTWORK, PLENUMS AND OTHER APPURTENANCES SHALL BE CONSTRUCTED OF THE MATERIALS OF THE MINIMUM WEIGHTS OR GAUGES AS REQUIRED BY THE LATEST SMACNA 2" W.G. STANDARD OR BELOW TABLE. WHEN GAUGE THICKNESS DIFFERS, THE HEAVIER GAUGE SHALL BE SELECTED. THE BELOW TABLE SHALL SERVE AS A MINIMUM.

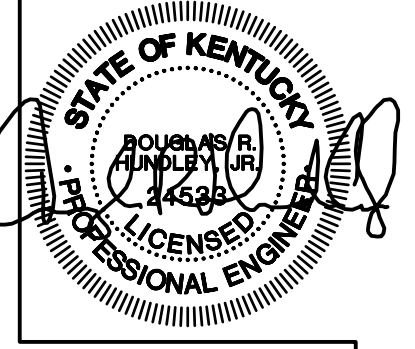
ROUND DIAMETER	DUCT GAUGE	RECTANGULAR WIDTH	DUCT GAUGE
3-12 INCHES	26 GA.	3-12 INCHES	26 GA.
13-18 INCHES	24 GA.	13-30 INCHES	24 GA.
19-28 INCHES	22 GA.	31-54 INCHES	22 GA.

- MECHANICAL TAG NOTES:
- ORIENT RETURN GRILLE SO THAT OPENING IS DIRECTED TOWARD HALLWAY ENTRY (AWAY FROM BATHROOMS). PAINT INTERIOR OF RETURN PLENUM WITH FLAT BLACK PAINT.
  - NON-INSULATED PVC CONDENSATE LINE. PROVIDE SPLIT RING CLAMP EVERY 4'-0" ON CENTER AND CHANGE OF DIRECTION.
  - PROVIDE HIGH EFFICIENCY TAKEOFFS AND VOLUME DAMPERS IN ALL BRANCH DUCT WORK. REFER TO DETAIL ON SHEET M3.01 FOR ADDITIONAL INFORMATION. TYPICAL OF ALL.
  - INSTALL RETURN DUCTWORK AS HIGH AS POSSIBLE, HOLDING TIGHT TO STRUCTURE. BOTTOM OF DUCT WILL BE AT A MINIMUM OF 9'-0".
  - PROVIDE FLEX CONNECTION AT UNIT FOR SUPPLY/RETURN DUCTWORK.
  - CONTRACTOR TO INSTALL A 20 GAUGE RAIN SHIELD OVER ALL EXTERIOR DUCTWORK. PROVIDE WITH 16"WX32"H ACCESS DOOR FOR DUCT MOUNTED SMOKE DETECTOR. POSITION DOOR AS CLOSE TO UNIT AS POSSIBLE. REFER TO SECTION VIEW ON SHEET M3.01 FOR ADDITIONAL INFORMATION.
  - PROVIDE UNIT WITH 14" TALL, FULL-LENGTH EQUIPMENT CURB. DO NOT EXTEND CURB PAST UNIT. CONCRETE PAD WILL BE SLOPED 1/4" PER FOOT.
  - CONTRACTOR TO INSTALL A 2" OPEN RECEPTACLE IN STORM LINE. SPILL PCU-1 CONDENSATE TO OPEN RECEPTACLE. COORDINATE INSTALLATION WITH BUILDING CONTRACTOR.
  - SUPPLY DUCT MAIN SHALL BE INSTALLED TO FOLLOW SLOPE OF ROOF WITHIN JOIST SPACE. ALL BRANCH DUCTWORK SHALL BE COORDINATED WITH JOIST OPENINGS.
  - CONCENTRIC WATER HEATER FLUE IS TO BE ROUTED FROM HEATER TO WALL AS SHOWN. INSTALLATION AND TERMINATION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS. HORIZONTAL OFFSET IS TO BE AS HIGH AS POSSIBLE ABOVE BATHROOM CEILING WITH FINAL TERMINATION ABOVE OUTSIDE COOLERS. MAINTAIN 10'-0" CLEARANCE FROM TERMINATION TO PCU-1'S INTAKE.
  - MOUNT FIRE SUPPRESSION SYSTEM FOR RH-1 AS HIGH AS POSSIBLE. SEE SHEET M101 FOR MORE INFORMATION.
  - SPACE IN THIS AREA IS LIMITED. COORDINATE DUCT ROUTING WITH CEILING AND STRUCTURAL JOISTS.
  - INSTALL ECCENTRIC TRANSITION DUCT FITTING. SLOPE OF TRANSITION IS NOT TO EXCEED 1:4.
  - CEILING FANS, STRUCTURAL JOISTS, AND LIGHTS ARE SHOWN FOR COORDINATION PURPOSES ONLY. (TYPICAL)
  - TRANSFER AIR GRILLES CENTERED ABOVE DOOR. REFER TO DETAIL SHEET.
  - INSTALL PCU-1 THERMOSTAT IN LOCATION SHOWN CENTERED BETWEEN CLOSET DOOR JAMB AND EDGE OF DRYWALL. INSTALL AT 60" AFF. THERMOSTAT NEEDS TO CONTROL HOT GAS REHEAT ON THE HVAC UNIT. DO SO BY CONNECTING U1 AND U1 ON THE THERMOSTAT IN THE GENERAL MANAGER'S OFFICE TO TERMINAL 7 AND 12 ON THE LTB BOARD LOCATED ON THE HVAC UNIT.
  - EXHAUST CAP AT ELEVATION OF 10'-8". REFER TO DETAIL SHEET FOR MORE INFORMATION.
  - INSTALL PCU-1 TEMPERATURE SENSOR IN LOCATION SHOWN. COORDINATE ELEVATION WITH OWNER PRIOR TO INSTALLATION.
  - MAINTAIN A 10'-0" MINIMUM DISTANCE FROM EXHAUST FAN OUTLET TO PCU-1/MAU-1'S INTAKE. ANY ROOF EQUIPMENT MUST MAINTAIN A 10'-0" MINIMUM DISTANCE BETWEEN EQUIPMENT AND EDGE OF ROOF.
  - TRANSITION GREASE DUCT FROM RH-1 HOOD OPENING TO 14" RISER. TRANSITION DUCTWORK TO FIT ROOF CURB PRIOR TO ROOF PENETRATION. ROOF CUTOUT SHALL BE 24"X24" FOR CURB. GREASE DUCT IS TO BE #16 GAUGE WELDED DUCT. PROVIDE CLEANOUTS AT EACH CHANGE IN DIRECTION. 3M FIREMASTER GREASE DUCT WRAP OR ALTERNATE FULLY ENCAPSULATED AND U.L. CLASSIFIED FOR 0" CLEARANCE TO COMBUSTIBLES (UL R14229) AND ENGINEER APPROVED.
  - 16X16 OA DUCT UP TO MAU-1. TRANSITION DUCTWORK TO FIT ROOF CURB BEFORE ROOF PENETRATION. ROOF CUTOUT FOR CURB SHALL BE 18"X18".
  - FIELD MOUNT FACTORY MANUFACTURED, BARAMETRIC RELIEF HOOD TO RETURN DUCTWORK.
  - INSTALL SMOKE DETECTOR UPSTREAM OF BARAMETRIC RELIEF HOOD.
  - PULL STATION LOCATION FOR RANGE HOOD FIRE SUPPRESSION SYSTEM.
  - RANGE HOOD IS OWNER FURNISHED, OWNER INSTALLED.
  - 36"X5" MAKEUP AIR DUCT ROUTED DOWN. TERMINATION POINT SHALL BE BELOW COOKING SURFACE. ALL ELECTRICAL AND PLUMBING CONNECTIONS MUST BE LOCATED BELOW THE BACK RETURN AIR PLENUM.
  - MAINTAIN EQUIPMENT MANUFACTURER'S RECOMMENDED SERVICE AREA.
  - TRANSFER GRILLE IS TO BE MOUNTED ABOVE COOLER ROOF, FACING OUT. PROVIDE GRILLE WITH 1/2" MESH SCREEN.

PROJECT NO:  
21-4154

DRAWN BY:  
WTD

DATE:  
04/23/2021



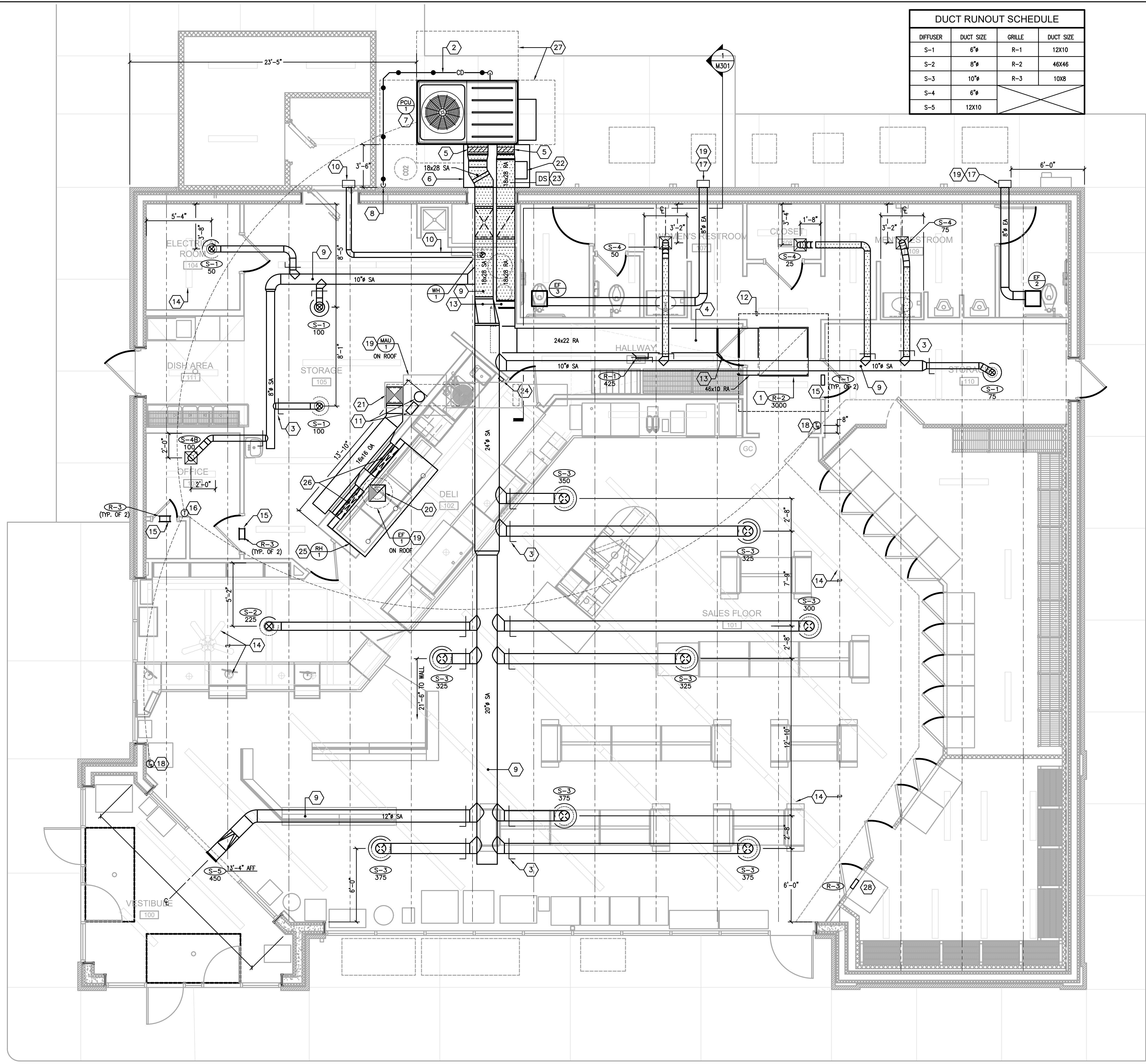
**CMTA**  
10411 Meeting Street, Prospect, Kentucky 40059  
502.326.3085 f 502.326.2691 www.cmta.com

**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

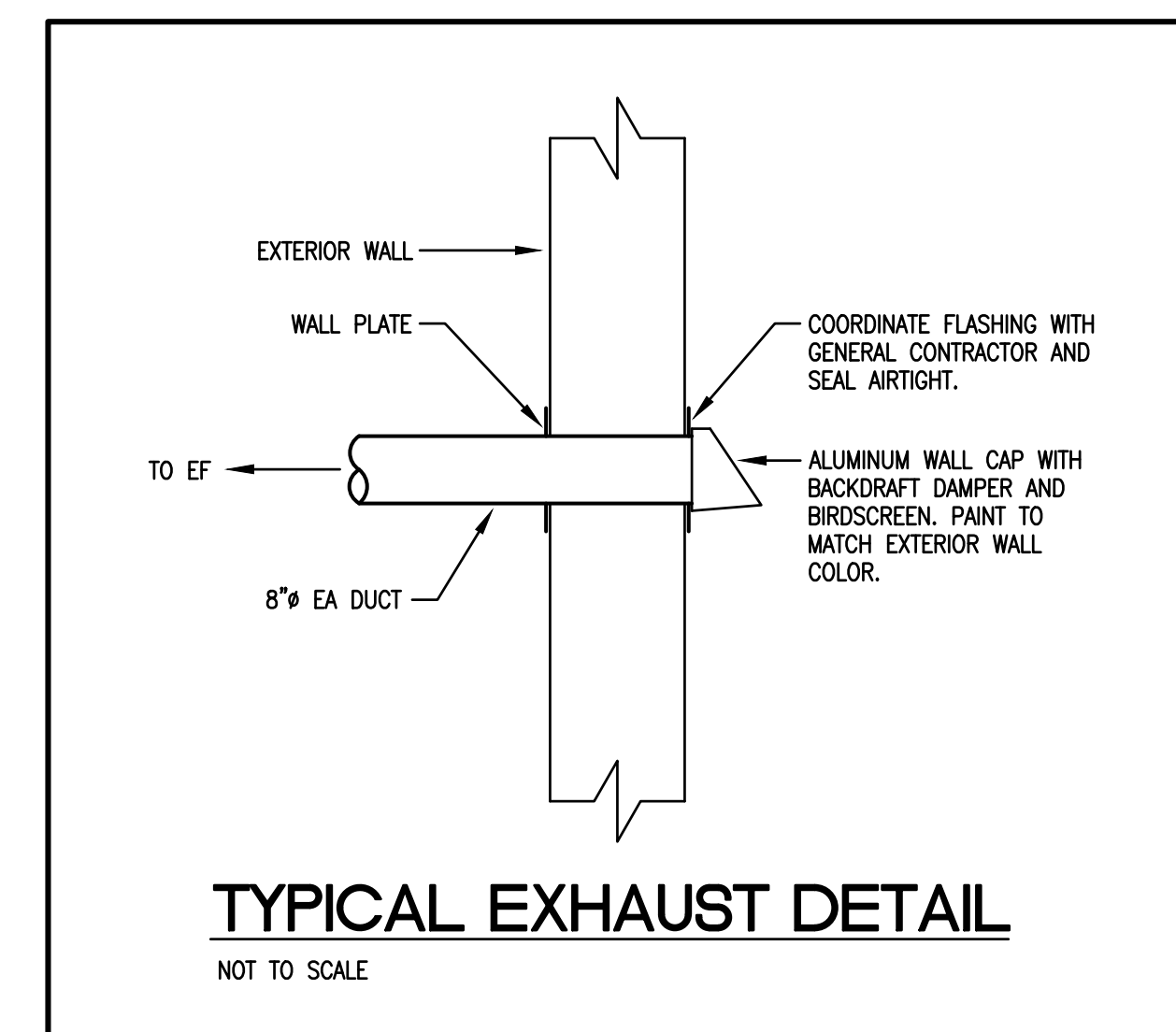
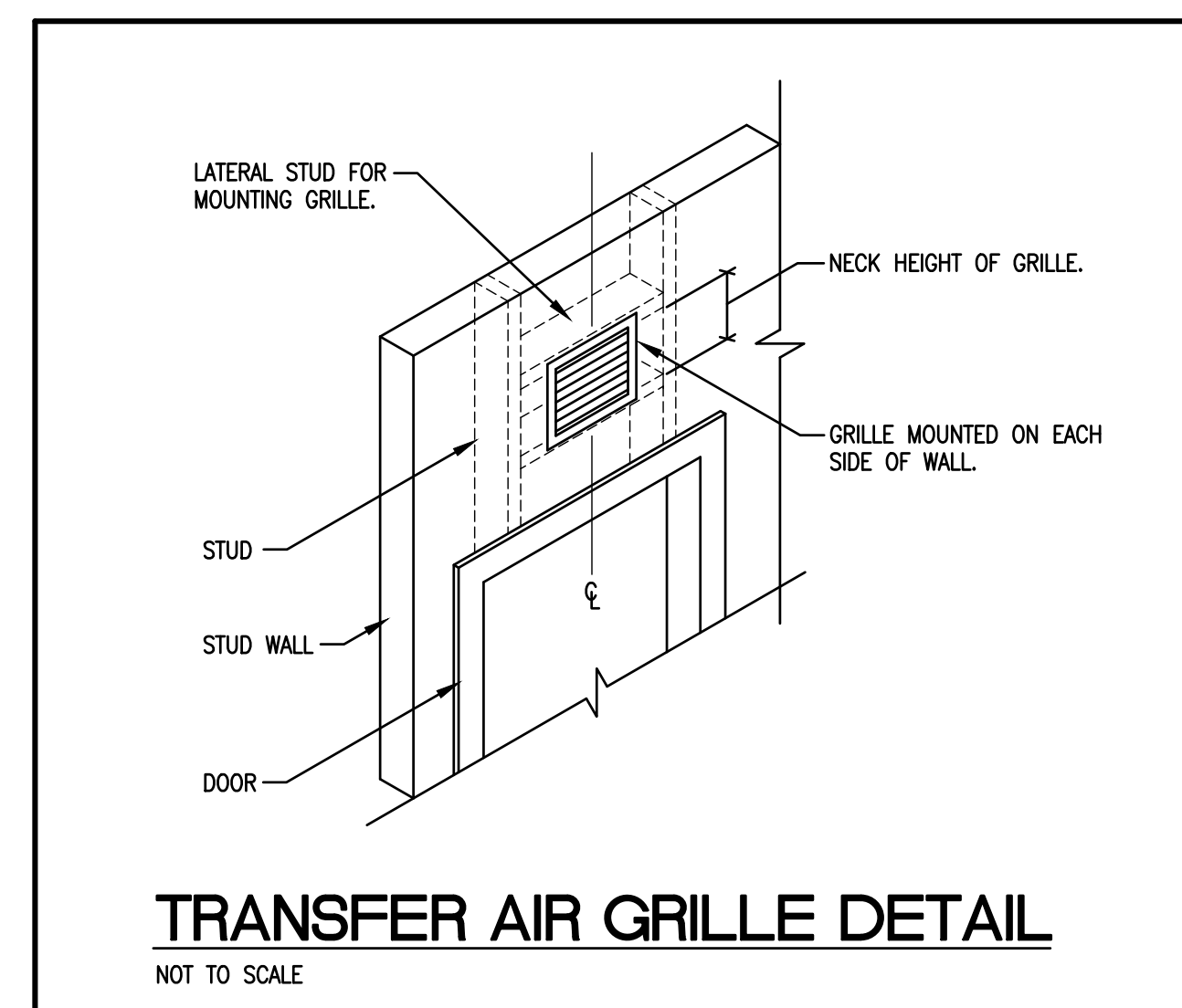
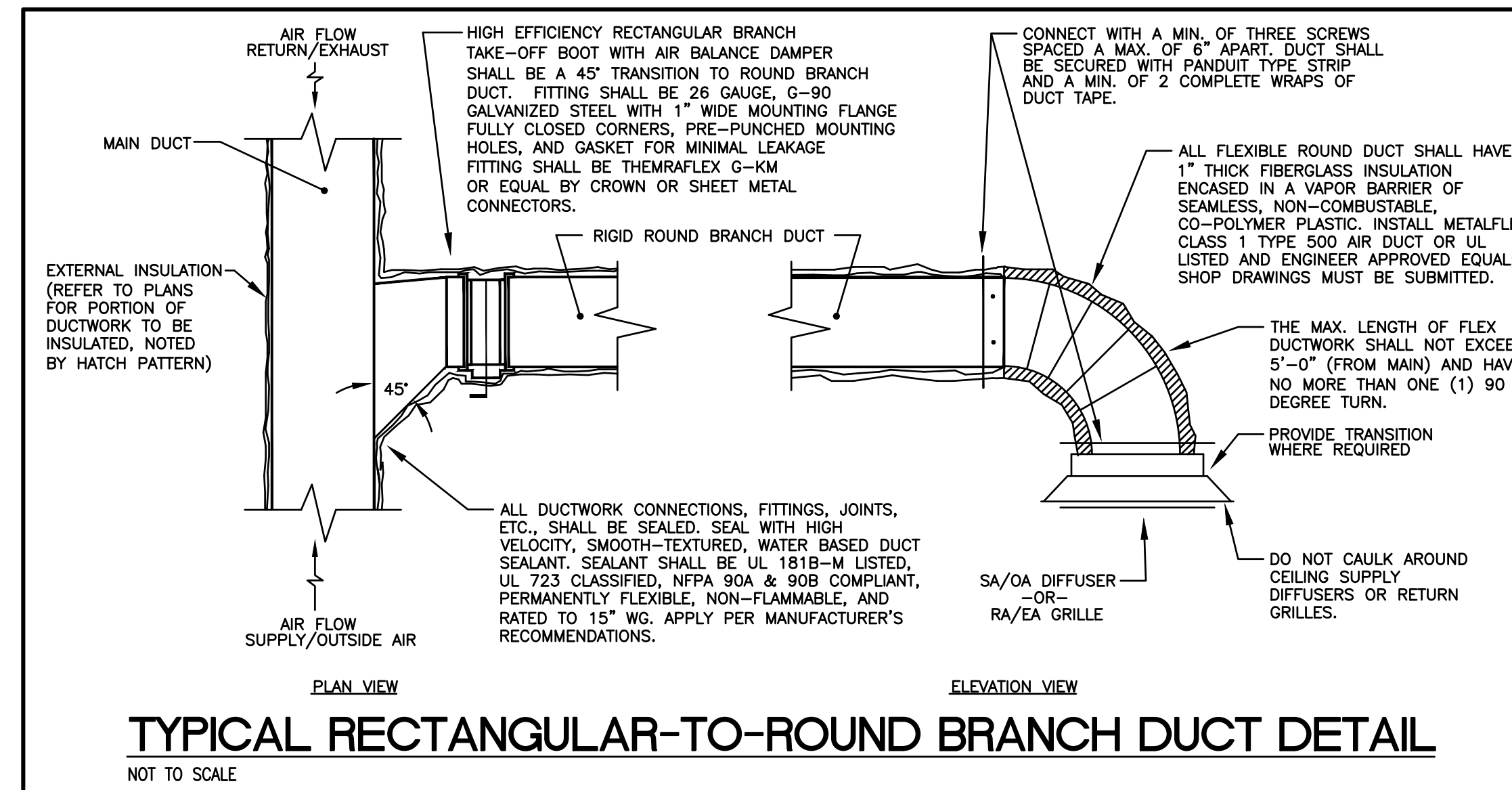
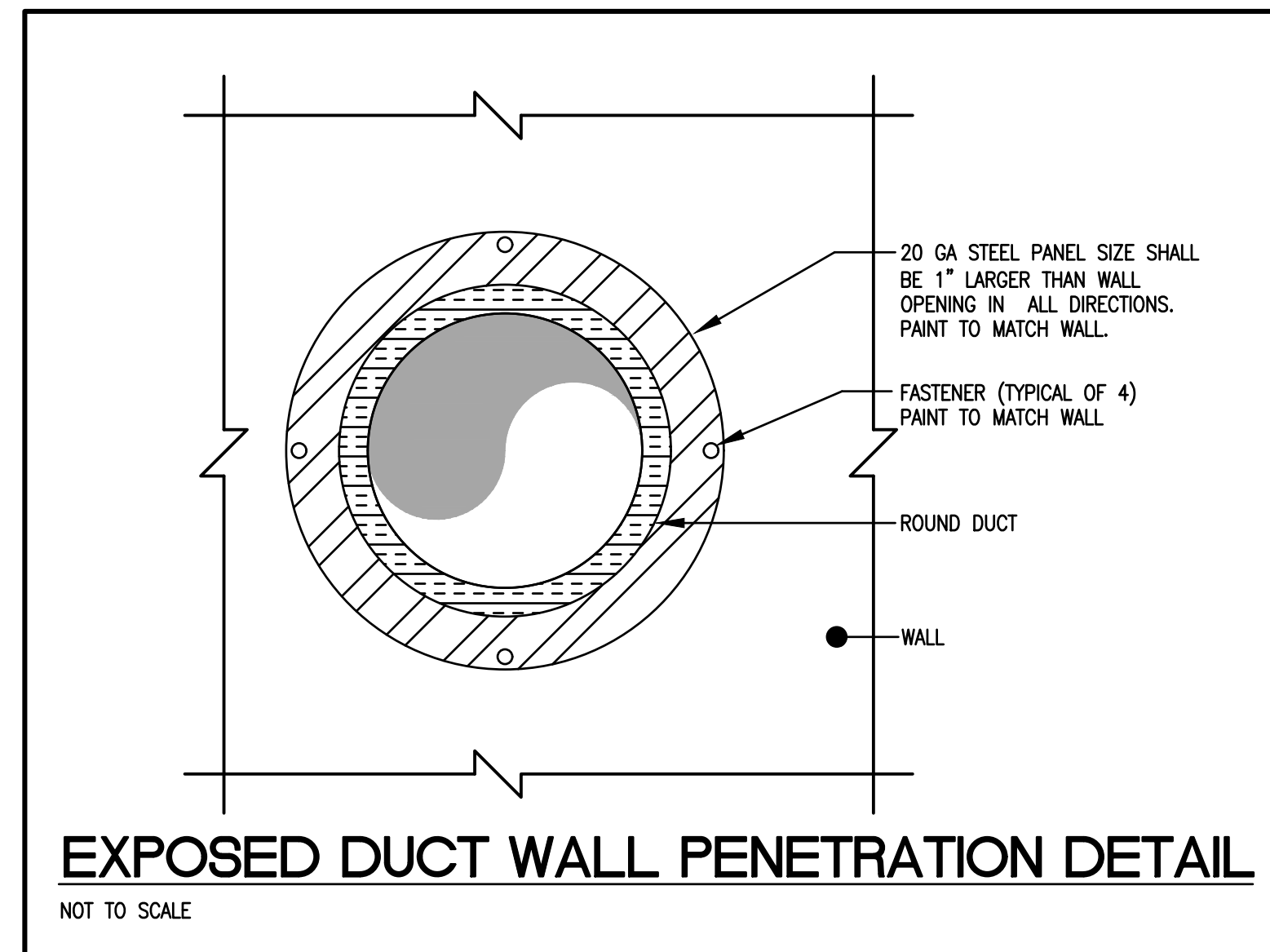
**NEWCOMB OIL CO., LLC.**  
511 NORTH WALLACE WILKINSON BLVD.  
LIBERTY, KY 42539

FLOOR PLAN - MECHANICAL

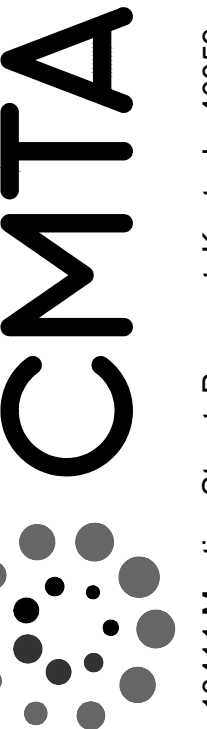
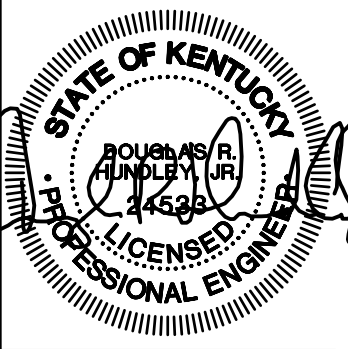
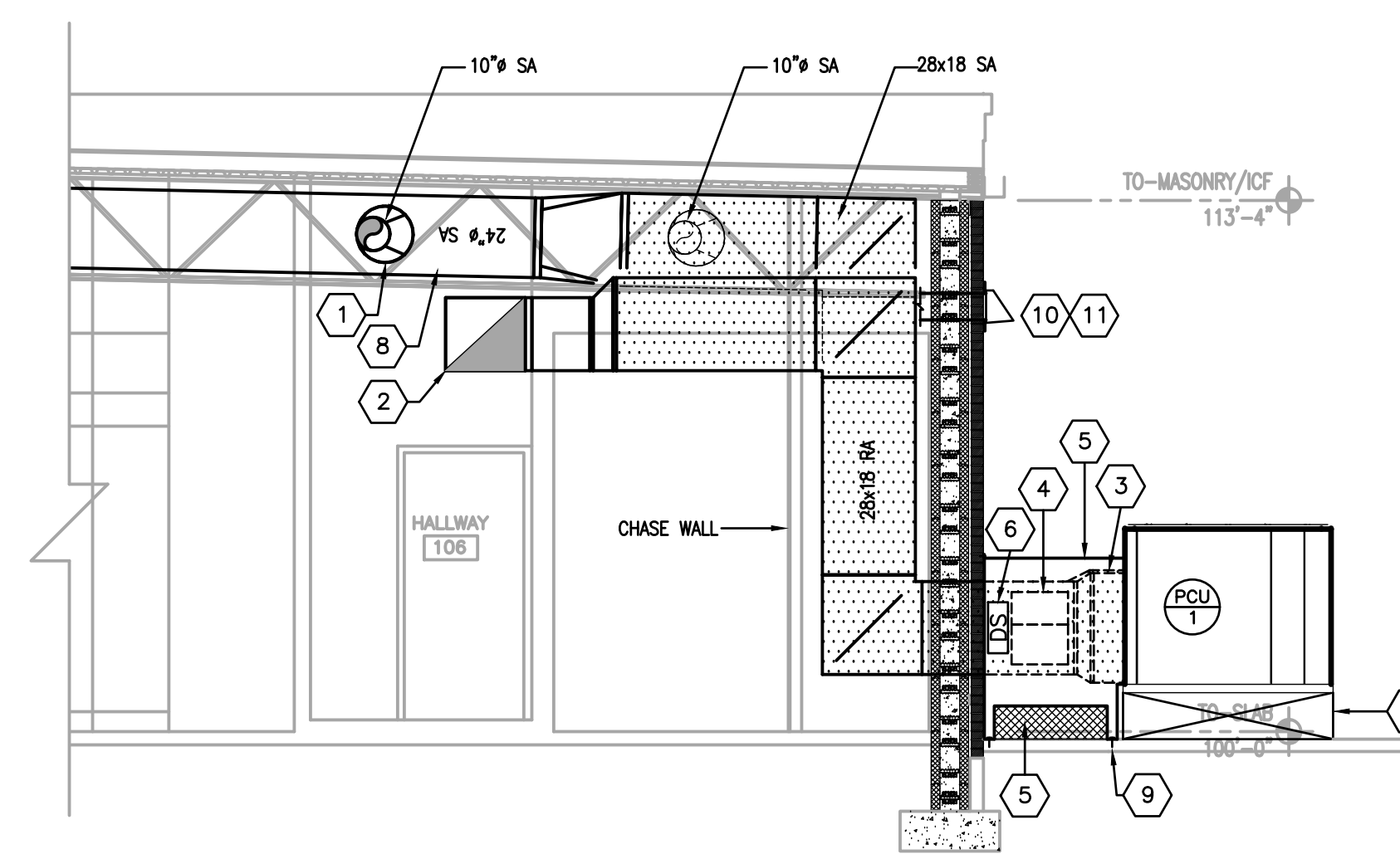
M2.01



**01 FLOOR PLAN - MECHANICAL**  
SCALE: 1/4" = 1'-0"



- GENERAL NOTES:
- ALL OPEN-CEILING AREAS SHALL UTILIZE A RIGID DUCT CONNECTION (WITH SUPPORTS) TO DIFFUSER. DIFFUSER SHALL BE MOUNTED AT A TYPICAL ELEVATION OF 11'-0" UNLESS OTHERWISE SHOWN ON DRAWING. TYPICAL PLACEMENT OF DIFFUSER IN OPEN-CEILING AREAS ARE CENTERED BETWEEN JOISTS UNLESS SPECIFIC DIMENSION IS SHOWN ON DRAWING.
  - ALL RECTANGULAR, ROUND, AND FLEXIBLE DUCTS SHALL BE SIZED AS SHOWN ON THESE DRAWINGS. MINIMUM INTERNAL DIMENSIONS ARE GIVEN.
  - INSTALL TURNING VANES IN ALL 90 DEGREE SUPPLY AND RETURN DUCT ELBOWS AND AT ALL DUCT TEES.
  - CONDENSATE DRAIN LINES SHALL BE SLOPED AT A MINIMUM 1/8" PER LINEAR FOOT OF RUN. ALL DRAIN EXITS FROM PCU-1 SHALL INCLUDE A TRAP AND CLEAN-OUT PLUG.
  - CONTRACTOR SHALL HAVE ALL THERMOSTATS/TEMPERATURE SENSORS CALIBRATED TO MANUFACTURER'S SPECIFICATIONS PRIOR TO TURNING SYSTEM OVER TO OWNER.
  - BALANCE DIFFUSERS AND GRILLES TO AIRFLOWS INDICATED ON PLAN. PROVIDE AIR-BALANCE REPORT TO GENERAL CONTRACTOR.
  - MANUFACTURER'S RECOMMENDED CLEARANCES SHALL BE MAINTAINED FOR ALL MECHANICAL EQUIPMENT. ALL PIPING VALVES AND MANUAL VOLUME DAMPERS SHALL BE EASILY ACCESSIBLE.
  - FLEXIBLE DUCTWORK IS ALLOWED FOR USE ON CONCEALED DUCTWORK. REFER TO DETAIL SHEET FOR MORE INFORMATION.
  - HATCHED PORTION OF DUCTWORK SHALL BE WRAPPED WITH OWENS/CORNING ALL SERVICE FIBERGLASS DUCT WRAP, "FACED DUCT WRAP" - TYPE 75", 3" THICK FIBERGLASS DUCT WRAP, WITH A MINIMUM R-VALUE OF 8. FACTORY LAMINATED TO A REINFORCED FOL KRAFT VAPOR BARRIER. REFER TO INSULATION CHART ON SHEET M1.01 FOR INSTALLATION REQUIREMENTS.
  - ANY ROUND DUCTWORK EXPOSED TO VIEW SHALL HAVE SPIRAL OUTER SHELL, LOCK-SEAM CONSTRUCTION FABRICATED FROM PAINT GRIP GALVANIZED STEEL MEETING ASTM-527 STANDARDS. ANY DUCTWORK EXPOSED TO VIEW SHALL BE CONSTRUCTED OF G90 GALVANIZED STEEL AND SHALL BE SUPPORTED AS REQUIRED WITH AIRRAFT CABLES WITH SELF-TIGHTENING LOCKS. EXPOSED METAL DUCT SHALL BE PREPPED AND PAINTED BY OWNER.
  - DUCTWORK, PLENUMS AND OTHER APPURTENANCES SHALL BE CONSTRUCTED OF THE MATERIALS OF THE MINIMUM WEIGHTS OR GAUGES AS REQUIRED BY THE LATEST SMCNA 2" W.G. STANDARD OR BELOW TABLE. WHEN GAUGE THICKNESS DIFFERS, THE HEAVIER GAUGE SHALL BE SELECTED. THE BELOW TABLE SHALL SERVE AS A MINIMUM.
- | ROUND DIAMETER | DUCT GAUGE | RECTANGULAR WIDTH | DUCT GAUGE |
|----------------|------------|-------------------|------------|
| 3-12 INCHES    | 26 GA.     | 3-12 INCHES       | 26 GA.     |
| 13-18 INCHES   | 24 GA.     | 13-30 INCHES      | 24 GA.     |
| 19-28 INCHES   | 22 GA.     | 31-54 INCHES      | 22 GA.     |
- MECHANICAL TAG NOTES: (X)
- PROVIDE HIGH EFFICIENCY TAKEOFFS AND VOLUME DAMPERS IN ALL BRANCH DUCT WORK. REFER TO DETAIL ON THIS SHEET FOR ADDITIONAL INFORMATION. TYPICAL OF ALL.
  - INSTALL RETURN DUCTWORK AS HIGH AS POSSIBLE, HOLDING TIGHT TO STRUCTURE. BOTTOM OF DUCT WILL BE AT A MINIMUM OF 9'-0".
  - PROVIDE FLEX CONNECTION AT UNIT FOR SUPPLY/RETURN DUCTWORK.
  - FIELD MOUNT FACTORY-MANUFACTURED, BAROMETRIC RELIEF HOOD TO RETURN DUCTWORK.
  - CONTRACTOR TO INSTALL A 20 GAUGE RAIN SHIELD OVER ALL EXTERIOR DUCTWORK. PROVIDE WITH 16"X32" ACCESS DOOR FOR DUCT MOUNTED SMOKE DETECTOR. POSITION DOOR AS CLOSE TO UNIT AS POSSIBLE. PROVIDE 34"X10" OPENING AT BOTTOM OF RAIN SHIELD (ON BOTH SIDES) TO ALLOW FOR RELIEF AIR WHEN UNIT IS IN ECONOMIZER MODE. INSTALL EXPANDED METAL GRATE OVER OPENINGS.
  - INSTALL SMOKE DETECTOR UPSTREAM OF BAROMETRIC RELIEF HOOD.
  - PROVIDE UNIT WITH 14" TALL, FULL-LENGTH EQUIPMENT CURB. DO NOT EXTEND CURB PAST UNIT. CONCRETE PAD WILL BE SLOPED 1/4" PER FOOT.
  - SUPPLY DUCT MAIN SHALL BE INSTALLED TO FOLLOW SLOPE OF ROOF WITHIN JOIST SPACE. ALL BRANCH DUCTWORK SHALL BE COORDINATED WITH JOIST OPENINGS.
  - FASTEN RAIN SHIELD TO CONCRETE SLAB.
  - EXHAUST CAP AT ELEVATION OF 10'-8". REFER TO DETAIL THIS SHEET FOR MORE INFORMATION.
  - MAINTAIN A 10'-0" MINIMUM DISTANCE FROM EXHAUST FAN OUTLET TO MECHANICAL EQUIPMENT'S INTAKE.

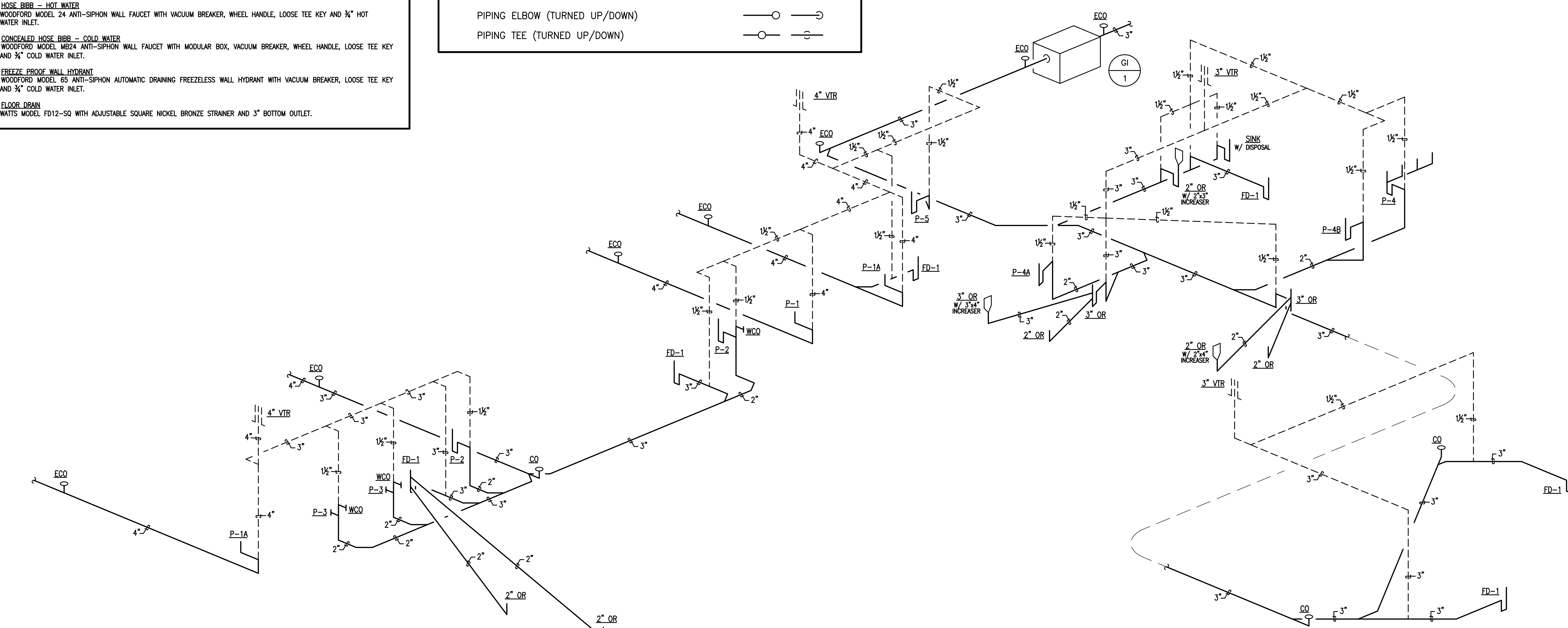
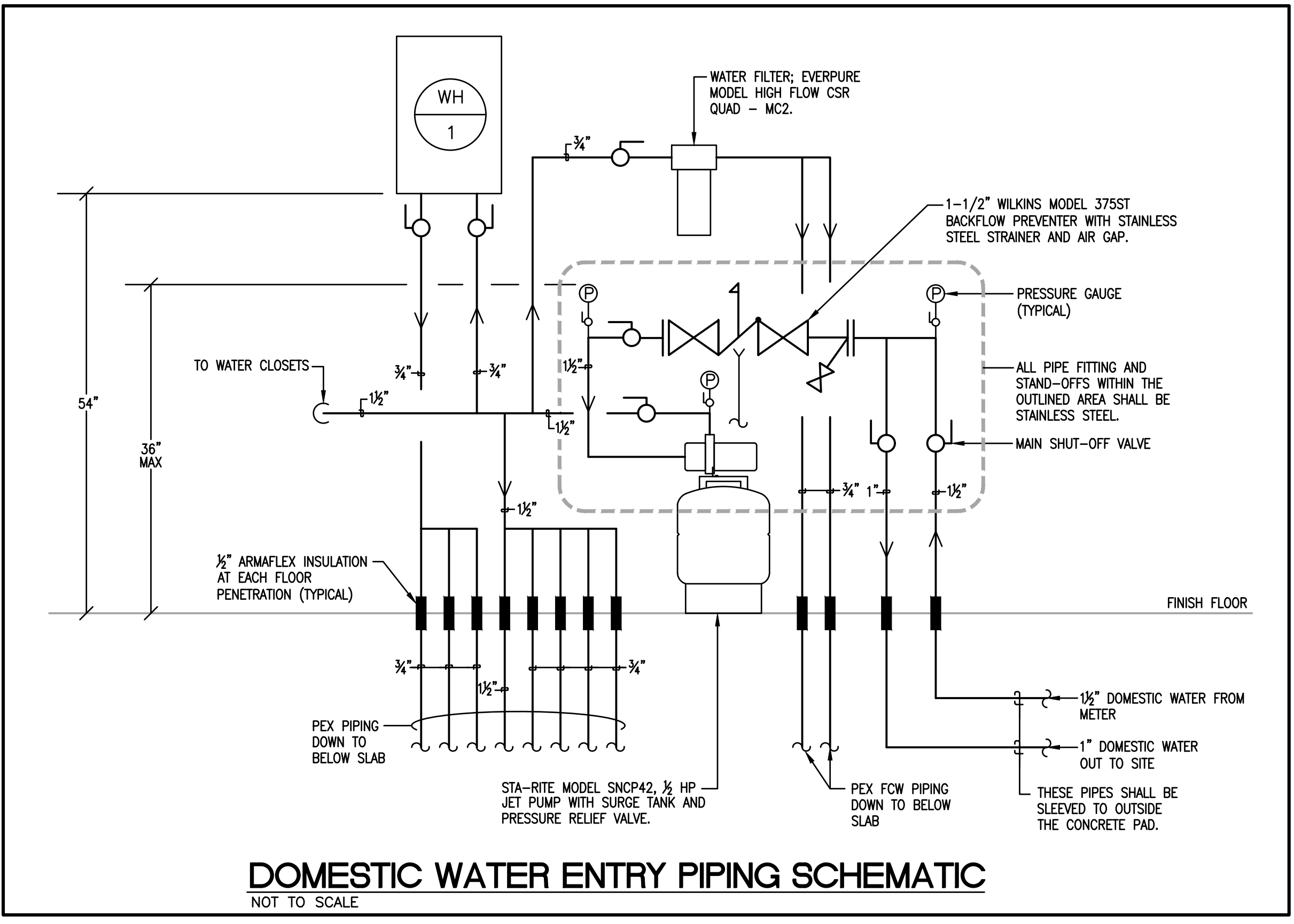


PLUMBING FIXTURE SPECIFICATIONS:

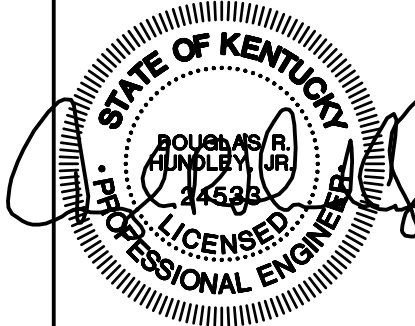
- P-1 WATER CLOSET - FLUSH VALVE, FLOOR MOUNTED - STANDARD HEIGHT
P-1A WATER CLOSET - FLUSH VALVE, FLOOR MOUNTED - ADA HEIGHT
P-2 LAVATORY - BOWL INTEGRAL TO COUNTERTOP - INFRARED FAUCET
P-3 URINAL - WALL HUNG - ADA
P-4 FOUR COMPARTMENT SINK
P-4A HAND SINK - BOWL INTEGRAL TO COUNTERTOP - GOOSENECK FAUCET
P-4B HAND SINK - WALL-HUNG
P-5 MOP BASIN - 24"x24" - RECESSED IN FLOOR
P-6 ICE MAKER CONNECTION BOX
HB HOSE BIBB - COLD WATER
HB-1 HOSE BIBB - HOT WATER
HB-2 CONCEALED HOSE BIBB - COLD WATER
FPWH FREEZE PROOF WALL HYDRANT
FD-1 FLOOR DRAIN

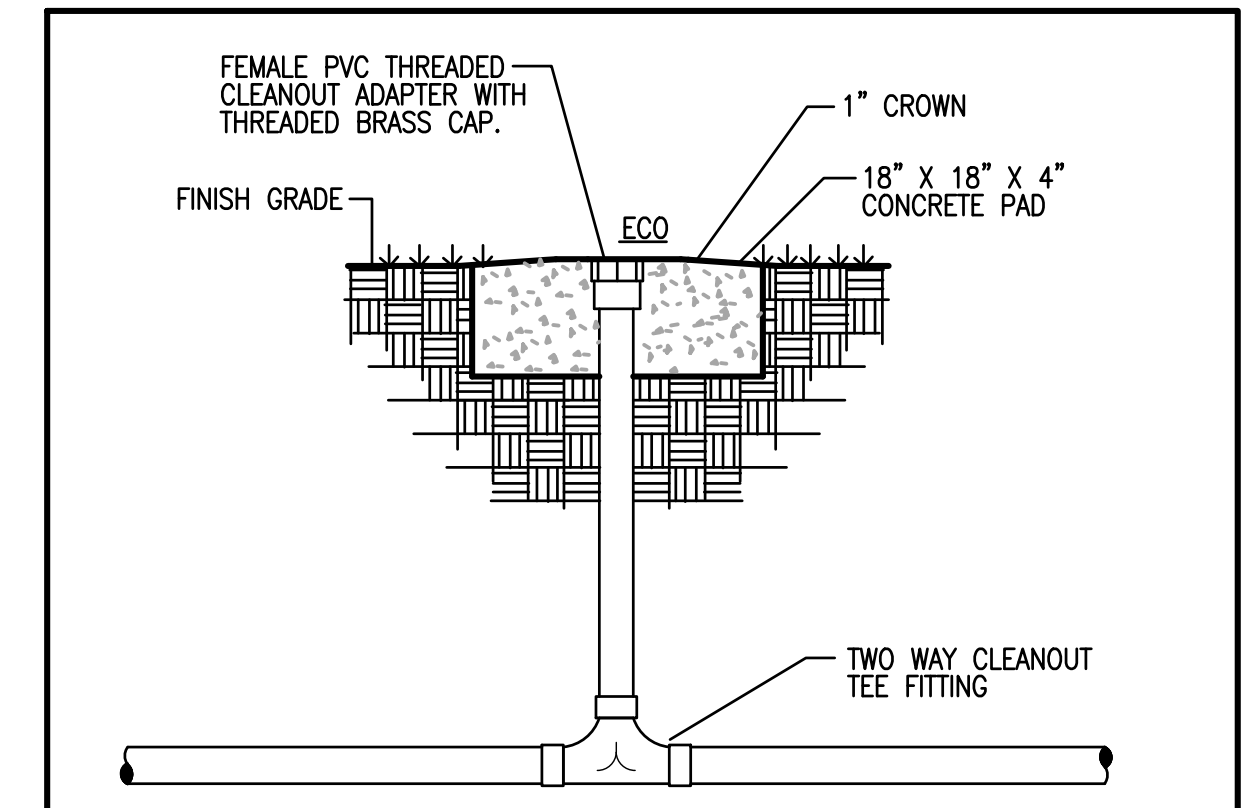
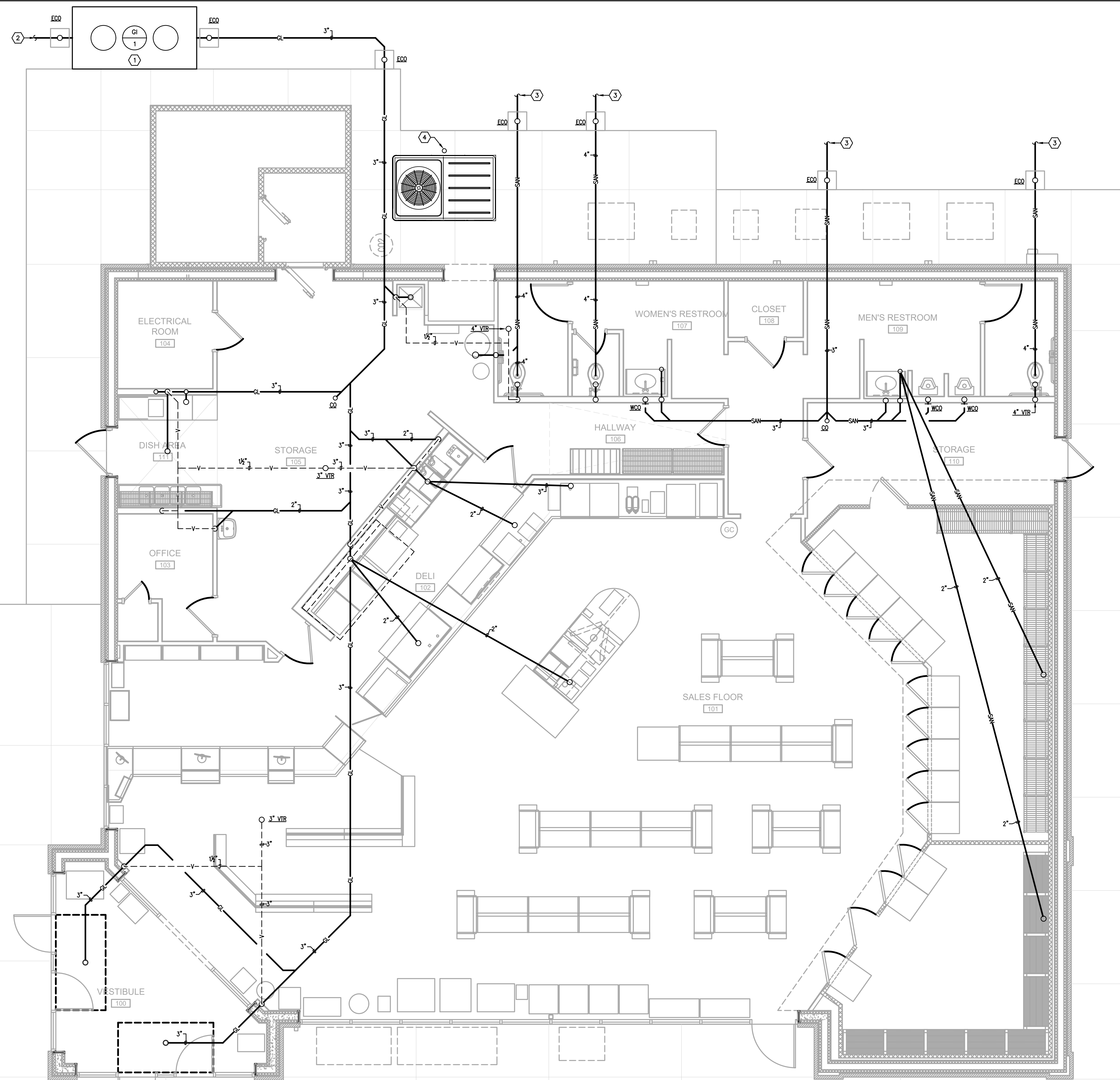
PLUMBING LEGEND

Table mapping plumbing symbols to their names. Includes symbols for AFF (Above Finished Floor), AD (Area Drain), CO (Cleanout), CW (Cold Water), EC (Electrical Contractor), ECO (Exterior Cleanout), FD (Floor Drain), FPWH (Freeze Proof Wall Hydrant), GC (General Contractor), GI (Grease Interceptor), HB (Hose Bibb), HW (Hot Water), MC (Mechanical Contractor), OR (Open Receptacle), PC (PVC), PVC (Polyvinyl Chloride), TYP (Typical), VTR (Vent Through Roof), WH (Water Heater), SAN (Sanitary Piping), GL (Grease Waste Piping), SS (Storm Piping), V (Sanitary Vent Piping), FCW (Filtered Cold Water), G (Natural Gas Piping), P (Pressure Gauge), SV (Solenoid Valve), GS (Gas Shut-Off Valve), BV (Ball Valve), S (Shut-Off Valve at Equipment), B (Ball Valve in Riser), E (Piping Elbow), T (Piping Tee).



SANITARY WASTE AND VENT RISER DIAGRAM (OPPOSITE HAND FROM FLOOR PLAN)





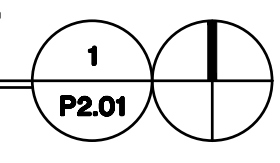
**2-WAY EXTERIOR CLEANOUT DETAIL**  
NOT TO SCALE

- PLUMBING TAG NOTES:**
1. FURNISH AND INSTALL A 1000 GALLON PRECAST CONCRETE GREASE TRAP. EXACT LOCATION SHALL BE SITE SPECIFIC AND DETERMINED BY OWNER.
  2. 3" SANITARY OUT TO SITE 5'-0". REFERENCE CIVIL DRAWINGS FOR CONTINUATION. COORDINATE EXACT LAYOUT OF EXTERIOR SANITARY WITH OWNER AND SITE PLAN PRIOR TO ROUGH-IN.
  3. 4" SANITARY OUT TO SITE 5'-0". REFERENCE CIVIL DRAWINGS FOR CONTINUATION. COORDINATE EXACT LAYOUT OF EXTERIOR SANITARY WITH OWNER AND SITE PLAN PRIOR TO ROUGH-IN.
  4. CONDENSATE LINE FROM HVAC EQUIPMENT SHALL BE CONNECTED TO THE DOWNSPOUT COLLECTION DRAIN LINE AT PERIMETER OF BUILDING.

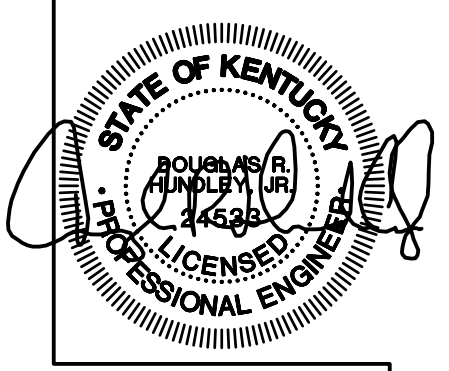
- PLUMBING GENERAL NOTES:**
- A. PLUMBING CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS WITH DIMENSIONED LOCATIONS OF SANITARY, WATER AND GAS LINES. REFERENCE GENERAL NOTE "A" FOR PHOTOGRAPHING REQUIREMENTS. LOCATION, DIRECTION AND CORRESPONDING NUMBER OF EACH PHOTOGRAPH SHALL BE INDICATED ON THE AS-BUILT DRAWINGS.
  - B. THE OWNER SHALL CHECK WALLS FOR LOCATIONS OF ALL PLUMBING LINES PRIOR TO DRYWALL BEING INSTALLED.
  - C. PLUMBING CONTRACTOR SHALL CAULK OR FOAM ALL WALL/CEILING PENETRATIONS MADE AS A RESULT OF PLUMBING PIPING INSTALLATION PRIOR TO INSULATION BEING INSTALLED TO IMPROVE THE VAPOR BARRIER. COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR.
  - D. THE FOUR COMPARTMENT SINK LIP SHALL BE SET AT 39" ABOVE FINISH FLOOR.
  - E. ALL TRENCHES UNDER PAVEMENT SHALL BE FILLED WITH STONE.
  - F. ALL TOILET FLANGES SHALL BE CAST IRON OR STAINLESS STEEL.
  - G. ALL INTERIOR AND EXTERIOR DOMESTIC WATER PIPING SHALL BE CROSS-LINKED POLYETHYLENE (PEX OR EQUAL).
  - H. ALL INTERIOR DOMESTIC WATER LINES SHALL BE 3/4" MINIMUM. WATER LINES SERVING FLUSH VALVES SHALL BE 1/2".
  - I. ALL DOMESTIC WATER LINES ENTERING AND EXITING THE BUILDING BELOW GRADE SHALL BE INSTALLED IN A SLEEVE FROM THE POINT WHERE THEY PENETRATE THE FLOOR TO BEYOND THE BLACK CONCRETE OR THE EQUIPMENT PAD, DEPENDING ON WHAT DIRECTION THEY EXIT THE BUILDING.
  - J. ALL WATER LINES SHALL BE SPACED 2" APART WHERE THEY PENETRATE THE FLOOR SLAB FOR EASE OF FUTURE MAINTENANCE.
  - K. ALL SHUT-OFF VALVES ON DOMESTIC WATER LINES SHALL BE TAGGED WITH 3/8"x1/2" ENGRAVED LAMINATED OR BRASS TAGS.
  - L. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL A FIVE POUND ANODE ON ALL FREEZE PROOF WATER HYDRANTS. GENERAL CONTRACTOR SHALL PROVIDE THE OWNER WITH PHOTOGRAPHS OF ALL ANODES TO VERIFY INSTALLATION.
  - M. GAS AND WATER UTILITY ENTRANCES INTO THE BUILDING SHALL BE SLEEVED TO OUTSIDE THE CONCRETE PADS.
  - N. PRIOR TO TOILETS BEING SET, THE PLUMBING CONTRACTOR SHALL VERIFY FLATNESS OF THE FLOOR WITH THE GENERAL CONTRACTOR TO ENSURE EACH TOILET WILL BE IN COMPLETE CONTACT WITH THE FLOOR AND NO SHIMS WILL BE REQUIRED.
  - O. EXTERIOR SEWER CLEANOUTS SHALL BE PLACED WHERE INDICATED ON THE PLANS AND/OR A MAXIMUM OF 95'-0" APART.
  - P. ALL OUTSIDE CLEANOUTS SHALL BE BRASS.
  - Q. ALL SANITARY AND GREASE WASTE PIPING SHALL BE SCHEDULE 40 PVC.

**FLOOR PLAN -  
SANITARY WASTE AND VENT**

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



PROJECT NO:  
21-4154  
DRAWN BY:  
WTD  
DATE:  
04/23/2021



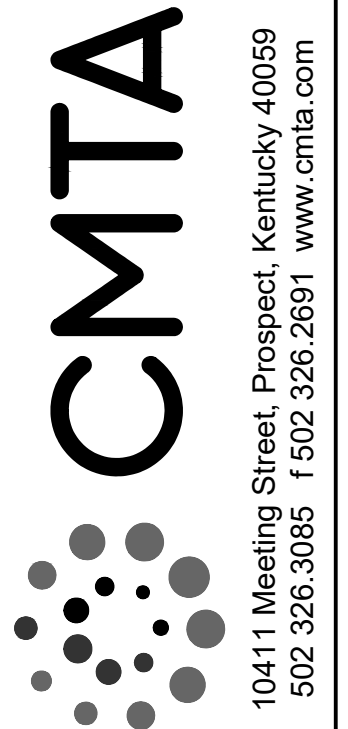
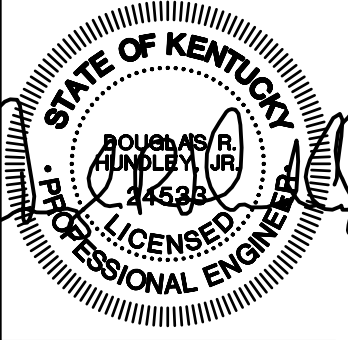
**CMTA**  
10411 Meeting Street, Prospect, Kentucky 40059  
502.326.3085 f 502.326.2691 www.cmta.com

**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC.**  
511 NORTH WALLACE WILKINSON BLVD.  
LIBERTY, KY 42539

FLOOR PLAN - SANITARY  
WASTE/INGIB/VENT

**P2.01**



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

FIVESTAR STORE #5150  
**NEWCOMB OIL CO., LLC.**  
511 NORTH WALLACE WILKINSON BLVD.  
LIBERTY, KY 42539

### PLUMBING FIXTURE SCHEDULE

DESIGNATOR	FIXTURE	CW	HW	SAN	VENT
P-1	WATER CLOSET - FLOOR SET - FLUSH VALVE	1 1/4"	--	4"	2"
P-1A	WATER CLOSET - FLOOR SET - FLUSH VALVE - ADA	1 1/4"	--	4"	4"
P-2	LAVATORY - INTEGRAL TO COUNTERTOP	1/2"	1/2"	1 1/2"	1 1/2"
P-3	URINAL - ADA	1/2"	--	2"	1 1/2"
P-4	FOUR COMPARTMENT STAINLESS STEEL SINK	3/4"	3/4"	2"	1 1/2"
P-4A	ONE COMPARTMENT HAND SINK INTEGRAL TO COUNTERTOP	1/2"	1/2"	1 1/2"	1 1/2"
P-4B	WALL-HUNG HAND SINK	1/2"	1/2"	1 1/2"	1 1/2"
P-5	RECESSED MOP BASIN - 24"x24"	--	--	3"	1 1/2"
P-6	ICE MAKER CONNECTION BOX	1/2"	--	--	--
HB	COLD WATER HOSE BIBB	3/4"	--	--	--
HB-1	HOT WATER HOSE BIBB	--	3/4"	--	--
HB-2	CONCEALED COLD WATER HOSE BIBB	3/4"	--	--	--
FPWH	FREEZE-PROOF WALL HYDRANT	3/4"	--	--	--
FD-1	SQUARE TOP FLOOR DRAIN - 3" OUTLET	--	--	3"	1 1/2"

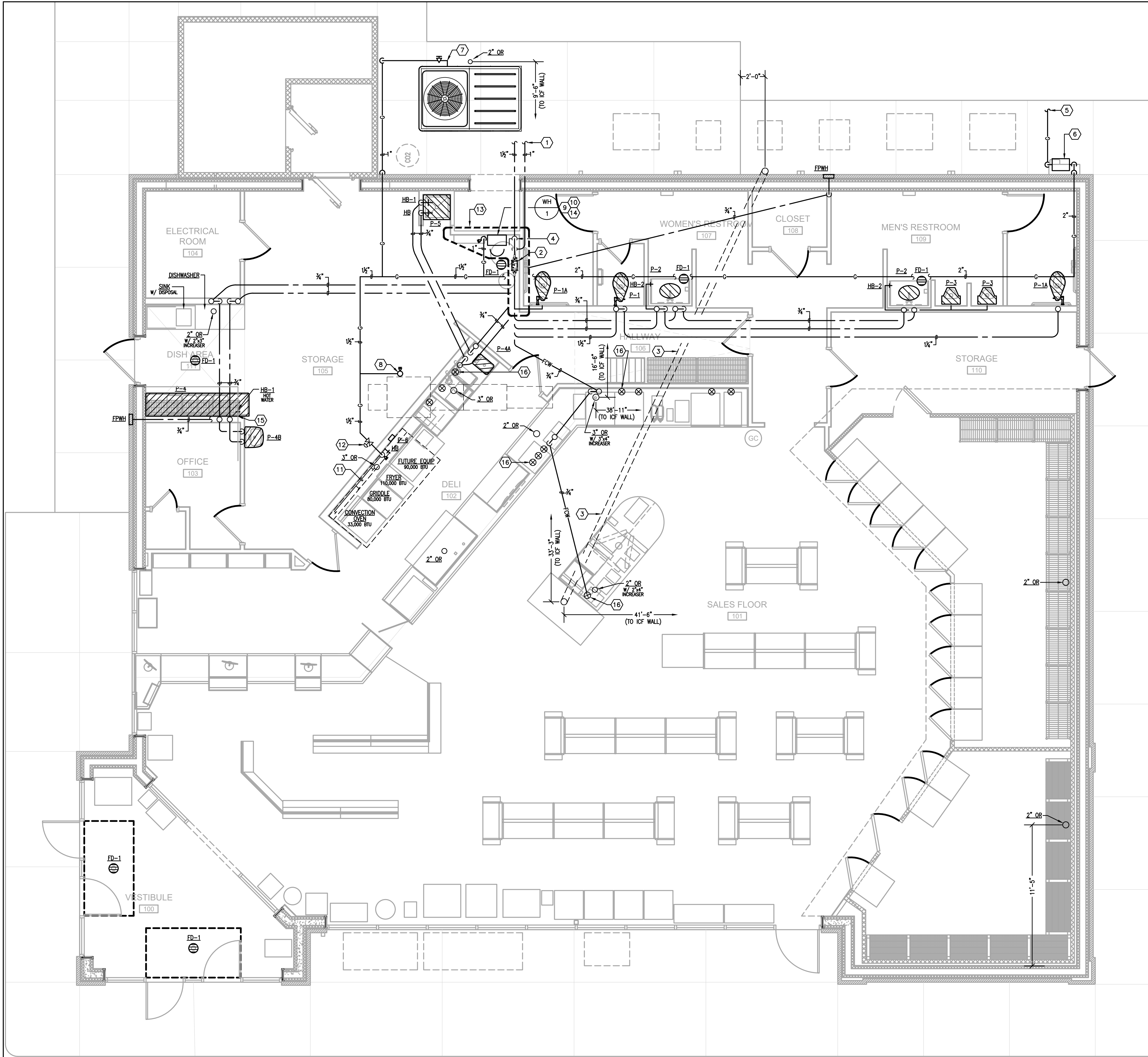
**NOTES:**

- PIPE SIZES ARE AS INDICATED UNLESS OTHERWISE NOTED ON FLOOR PLANS AND RISER DIAGRAMS.
- MINIMUM 2" SANITARY PIPING UNDERGROUND.  
PROVIDE ALL REQUIRED PIPING TO FIXTURES INDICATED ON THE FLOOR PLANS, INDICATED WITH A "P" DESIGNATION. PROVIDE PIPING OF SIZE INDICATED IN THIS SCHEDULE.
- PIPE ALL EQUIPMENT (SUPPLIED BY OTHERS) AS REQUIRED TO OBTAIN A FULL AND OPERATIONAL SYSTEM PROVIDE BACKFLOW PROTECTION AS/IF REQUIRED BY THE DETAILS AND BY THE STATE PLUMBING CODE ALL EQUIPMENT SHALL BE CONNECTED PER THE MANUFACTURER'S REQUIREMENTS. THE PLUMBING CONTRACTOR SHALL ALSO INSTALL ANY DRAIN PIPING CONNECTIONS AND SPILL INDIRECTLY TO EITHER AN OPEN RECEPTACLE OR FLOOR DRAIN. REFER TO ARCHITECTURAL PLANS FOR EXACT PLACEMENT OF ALL EQUIPMENT.

- PLUMBING TAG NOTES:**
- (1) 1/2" and (1) 1" DOMESTIC WATER LINES OUT TO SITE. REFERENCE CIVIL DRAWINGS FOR CONTINUATION. WATER LINES MUST BE CONTINUOUS WITH NO JOINTS ALL THE WAY TO THE METER.
  - FURNISH AND INSTALL 1/2" WILKINS MODEL 375 BACKFLOW PREVENTER WITH AIR GAP AND STRAINER. REFERENCE THE DOMESTIC WATER ENTRY PIPING SCHEMATIC ON DRAWING P1.01 FOR ADDITIONAL INFORMATION.
  - FURNISH AND INSTALL 6" PVC SLEEVE BELOW SLAB WITH (2) 45° ELBOWS ON EACH END.
  - (1) 1/2" and (1) 1" DOMESTIC WATER LINES UP FROM BELOW SLAB. REFERENCE DOMESTIC WATER ENTRY SCHEMATIC ON DRAWING P1.01 FOR ADDITIONAL INFORMATION.
  - NATURAL GAS SERVICE OUT TO SITE. COORDINATE PIPE MATERIAL, SIZE AND GAS PRESSURE WITH LOCAL UTILITY COMPANY.
  - FURNISH AND INSTALL NEW NATURAL GAS METER PER LOCAL UTILITY COMPANY REQUIREMENTS.
  - EXTEND 1" GAS TO COOLING UNIT AND CONNECT. FURNISH AND INSTALL GAS SHUT-OFF VALVE AND 6" DIRT LEG.
  - EXTEND 3/4" GAS TO MAKE-UP AIR UNIT ON ROOF AND CONNECT. FURNISH AND INSTALL 6" DIRT LEG AND GAS SOLENOID VALVE. INTERCONNECT GAS SOLENOID VALVE TO HOOD FIRE SUPPRESSION SYSTEM. COORDINATE THIS WORK WITH THE ELECTRICAL CONTRACTOR.
  - EXTEND 1" GAS TO WATER HEATER AND CONNECT. FURNISH AND INSTALL GAS SHUT-OFF VALVE AND 6" DIRT LEG.
  - WH-1 - FURNISH AND INSTALL A RINNAI MODEL RL75(VC2528FFUD-US), TANKLESS GAS FIRED WATER HEATER WITH MINIMUM INPUT OF 10,300 BTUH AND A MAXIMUM INPUT OF 180,000 BTUH.
  - ROUTE 1/2" GAS HEADER LOW ON WALL BEHIND COOKING EQUIPMENT. FURNISH AND INSTALL GAS QUICK CONNECT AND GAS SHUT-OFF VALVE AT EACH PIECE OF EQUIPMENT AND PROVIDE (1) 3/4" QUICK CONNECT AND GAS SHUT-OFF VALVE FOR FUTURE CONNECTION.
  - FURNISH AND INSTALL GAS SOLENOID VALVE. INTERCONNECT WITH HOOD FIRE SUPPRESSION SYSTEM.
  - PROVIDE BRASS TAG LABELS AND SHUTOFF VALVES IN THIS AREA FOR WATER PIPING AT EACH WALL OR FLOOR PENETRATION.
  - APPROXIMATE LOCATION OF PRESSURE ASSIST PUMP. REFERENCE DOMESTIC WATER ENTRY PIPING SCHEMATIC ON DRAWING P1.01 FOR ADDITIONAL INFORMATION.
  - HOSE BIBB SHALL BE MOUNTED 18" ABOVE FINISH FLOOR AND 7"-6" OFF OF THE ICF WALL.
  - FURNISH AND INSTALL A ZURN MODEL QCM43-6GX COPPER MANIFOLD AT EACH GROUP OF SHUT-OFF VALVES LOCATED WITHIN CABINET SPACE.

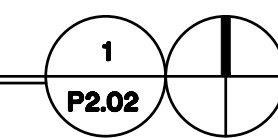
**NEW GAS METER LOAD:**

HVAC AIR HANDLING UNIT -	150,000 BTUH
DOMESTIC WATER HEATER -	180,000 BTUH
MAKE-UP AIR UNIT -	109,600 BTUH
KITCHEN EQUIPMENT -	313,000 BTUH
<b>TOTAL CONNECTED LOAD -</b>	<b>752,600 BTUH</b>



### FLOOR PLAN - WATER AND GAS

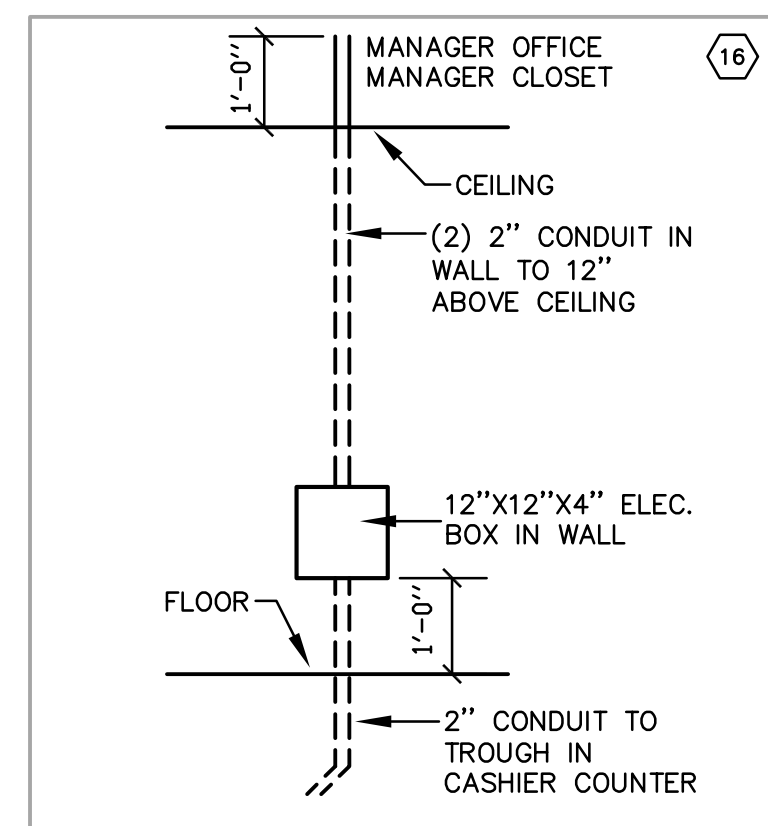
SCALE: 1/4"=1'-0"



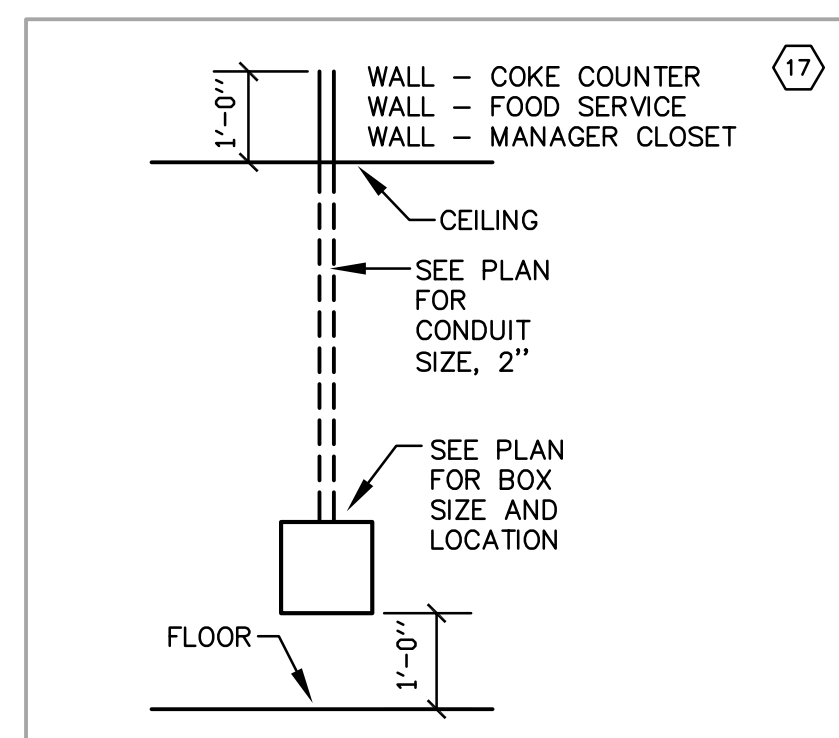
**LIGHT FIXTURE SCHEDULE :**

TYPE	DESCRIPTION	MODEL	LAMPS	REMARKS	VOLTAGE
A4 78 FIXTURES	4' LED WITH HIGH STRENGTH POLYMER REFLECTOR AND HOUSING WITH TROUGH WIRING CHANNEL AND SURFACE OR SUSPENDED MOUNTING. PROVIDE 4000 LUMEN PACKAGE WITH 3500K COLOR TEMPERATURE.	LSI DV HD CV UE	LED'S INCLUDED.	PROVIDE WITH A MINIMUM 80 CRI AND 10 YEAR WARRANTY.  MOUNT AT 11' ABOVE FINISHED FLOOR.	120V
C 4 FIXTURES	SURFACE VAPOR TIGHT LED WITH IMPACT RESISTANT FIBERGLASS HOUSING AND POLYCARBONATE LENS. PROVIDE WITH 3500K COLOR TEMPERATURE AND 6000 LUMEN OUTPUT.	LSI EG3 4 S LED HD CV UE	LED'S INCLUDED.	PROVIDE WITH A MINIMUM 80 CRI AND MINIMUM LM-80 RATING.	120V
EB 1 FIXTURE	LED COMPATIBLE, 125W, 90 MINUTE, SINE WAVE INVERTER WITH MAINTENANCE FREE BATTERY.	IDTA IIS 125 SM	NO LAMPS	PROVIDE SURFACE MOUNTED IN STORAGE ROOM AS INDICATED.	120V
F 2 FIXTURES	6" RECESSED LED DOWNLIGHT WITH SPECIFICATION GRADE REFLECTOR AND GALVANIZED STEEL FRAME.	RP 61100358/IC630C	LED'S INCLUDED.		120V
G 12 FIXTURES	LED SURFACE LIGHT WITH 5700K COLOR TEMPERATURE, DIE CAST ALUMINUM HOUSING WITH SYMMETRIC TYPE S DISTRIBUTION.	LSI CRU SM SC LED HD CW UE MSV	LED'S INCLUDED.	PROVIDE WITH A MINIMUM 69 CRI. PROVIDE WITH A MINIMUM 90 LUMENS PER WATT. PROVIDE WITH A MINIMUM 90X LUMEN MAINTENANCE AT 50,000 HOURS OF USE.	120V
H 1 FIXTURE	LED COVE LIGHTING.	(1) LSI-LDL3-12-LED-CV-24 (6) LSI LDL3-48-LED-CV-24 (6) LSI 12' JUMPER 35148302 (1) LSI RPSE40 LED 120 POWER SUPPLY (2) LSI RPSE100 LED 120 POWER SUPPLY	LED'S INCLUDED.	PROVIDE LENGTH AS INDICATED ON PLANS. PROVIDE WITH A MINIMUM 85 CRI.	120V
J 7 FIXTURES	18" STEMS WITH CANDY.	(7) LSI-AUP-S-LED-HD-NW ACF16 GWT FROSTED LENS (7) LSI BC 600 3 GWT CANDY	LED'S INCLUDED.	PROVIDE WITH 18" DOWN ROD FOR MOUNTING BELOW BEAMS	120V
K 8 FIXTURES	100 WATT 9" PENDANT WITH GALVANIZED HOUSING AND BLACK CORD.	BARNLIGHT BLE-C-LAR PC. LED12 975 SBK 1250 FL 120	LED'S INCLUDED.	COORDINATE SUSPENSION LENGTH WITH OWNER AND ARCHITECT.	120V
M 3 FIXTURES	WALL MOUNT LED WITH CAST ALUMINUM HOUSING AND TEMPERED GLASS LENS.	LSI PVMS LED HD CV UE BLK	LED'S INCLUDED.		120V
	TYPE "D" DELETED.				
X1 1 FIXTURE	EXIT LIGHT WITH DUAL HEAD EMERGENCY LIGHTING AND BATTERY BACK UP.	LSI PRX RU BK LD11	LED'S INCLUDED.	PROVIDE WITH BATTERY CAPACITY TO POWER ALL ASSOCIATED EMERGENCY HEADS FOR 90 MINUTES.	120V
XX 2 FIXTURES	DUAL HEAD EXTERIOR REMOTE EMERGENCY LIGHTING HEADS	LSI 2TMLD BLK	LAMPS INCLUDED	PROVIDE BATTERY BACK UP FROM NEAREST EXIT SIGN AS INDICATED ON PLANS.	120V
X2 3 FIXTURES	EXIT LIGHT WITH DUAL HEAD EMERGENCY LIGHTING AND BATTERY BACK UP.	LSI LPRX R U BK LD11 R	LED'S INCLUDED.	PROVIDE WITH BATTERY CAPACITY TO POWER ALL ASSOCIATED EMERGENCY HEADS FOR 90 MINUTES.	120V
XX2 2 FIXTURES	SINGLE HEAD EXTERIOR REMOTE EMERGENCY LIGHTING HEADS	LSI TMLD VI BLK	LAMPS INCLUDED	PROVIDE BATTERY BACK UP FROM NEAREST EXIT SIGN AS INDICATED ON PLANS.	120V
	CEILING FANS	MEJA 52" CEILING FAN, FLUSH MOUNTED CEILING, WHITE			

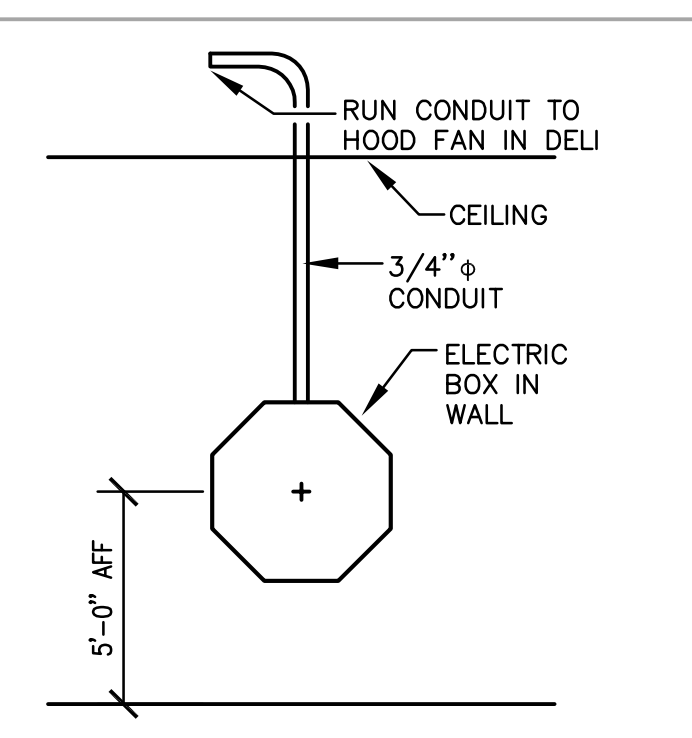
**EXTERIOR LIGHTING TIMECLOCK:**  
PROVIDE INTERMATIC ET9015C SINGLE CIRCUIT 365 DAY TIME CLOCK FOR EXTERIOR LIGHTING THROUGH SHUNT TRIP FUNCTION OF PANEL "D1"



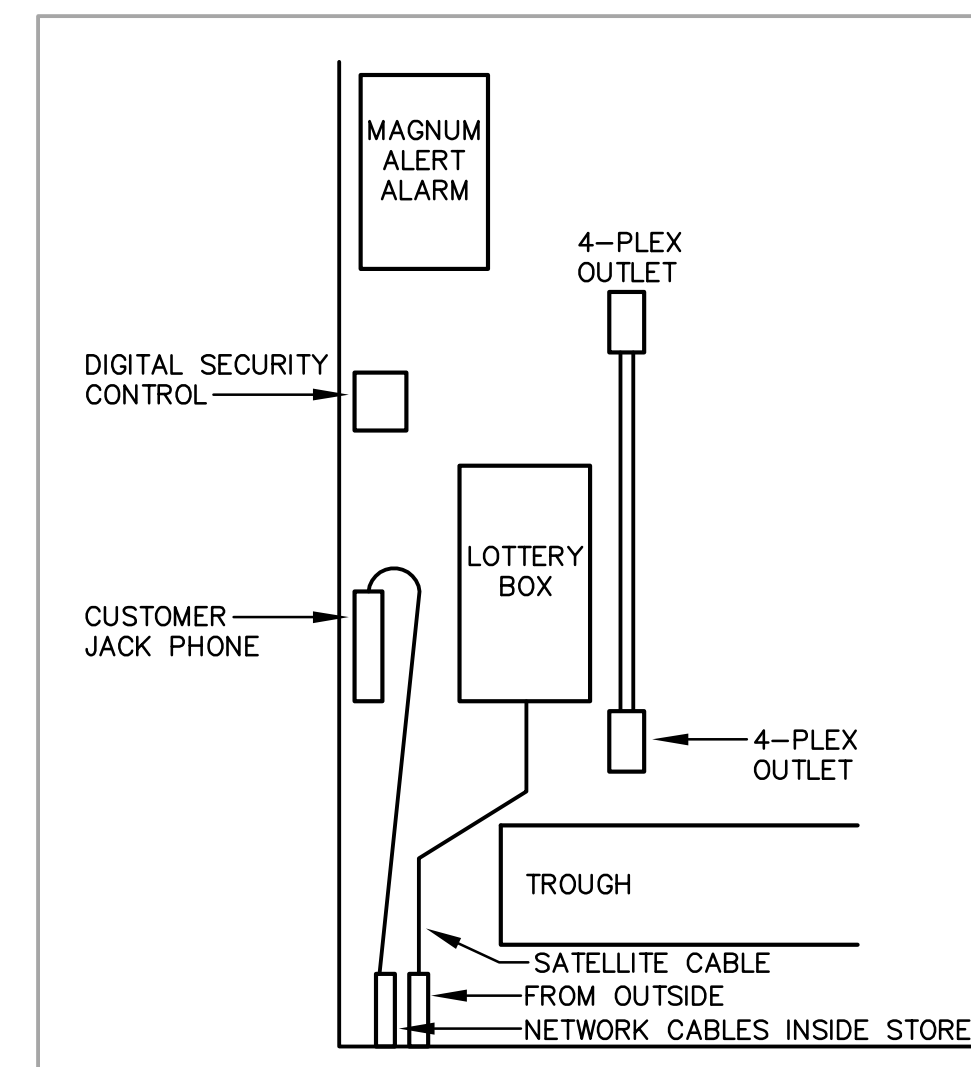
**01 WALL BOX DETAIL**  
E100 NO SCALE



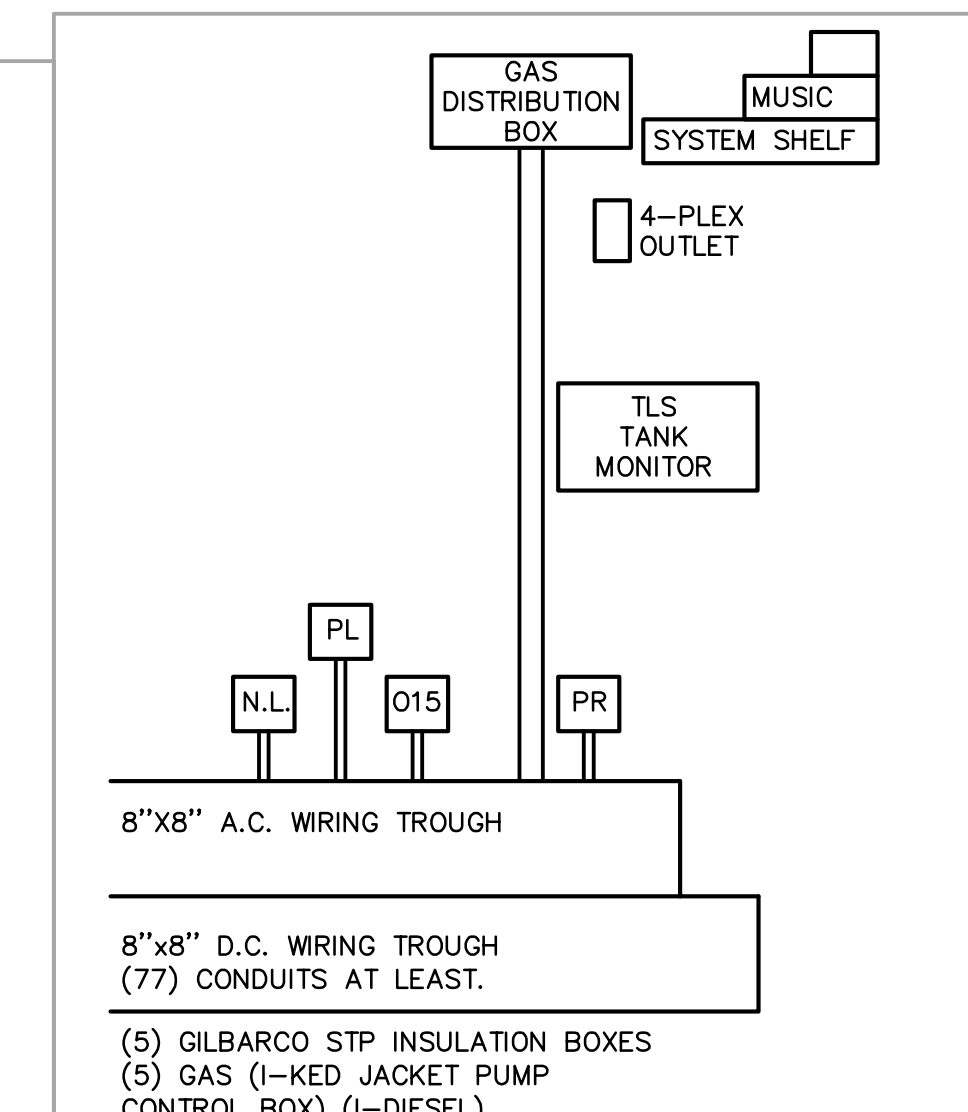
**02 WALL BOX DETAIL**  
E100 NO SCALE



**03 DELI HOOD FAN SAFETY SWITCH DETAIL**  
E100 NO SCALE



**04 PART. ELEC. ROOM TROUGH ELEVATION**  
E100 NO SCALE



**05 PART. ELEC. ROOM TROUGH ELEVATION**  
E100 NO SCALE

SYSTEM	ITEM	DEVICE MODEL & REFER TO SPECS. IF NONE LISTED	BACKBOX COVER IF APPLICABLE	MOUNTING HEIGHT	DRAWING SYMBOL
SWITCHES	LIGHT SWITCH GENERAL PURPOSE			4'-0"	S
	DIMMER SWITCH			4'-0"	
	THREE-WAY SWITCH			4'-0"	
	ULTRA-SONIC WALL MOUNTED TYPE OCCUPANCY SENSOR	ENVIROTRON	4'-0"	SOS	
	FLOOR LIGHT SWITCH (ILLUMINATED WHEN DIAL IS ON)		4'-0"		
	CEILING MOUNTED OCCUPANCY SENSOR	AND ELECTRIC LIGHT ALARM SMART SWITCH - L08600	4'-0"		
LIGHTING	2'-0" FLUORESCENT WALL MOUNT	SEE SCHEDULE		6'-6"	S
	2"x2" FLUORESCENT TROFFER	SEE SCHEDULE		CEIL.	
	2"x4" FLUORESCENT TROFFER	SEE SCHEDULE		CEIL.	
	1"x4" FLUORESCENT TROFFER	SEE SCHEDULE		CEIL.	
	DOWNLIGHT	SEE SCHEDULE		CEIL.	
	EXIT LIGHT (CEILING, WALL MOUNT)	SEE SCHEDULE		AS NOTED	
	AS NOTED				
POWER OUTLETS	SIMPLEX			1'-6"	S
	DUPLEX - SAFETY TYPE			1'-6"	
	DUPLEX			1'-6"	
	DUPLEX (ABOVE COUNTERTOP)			8" ACT.	
	TUPLEX WITH INTEGRAL GROUND FAULT PROTECTION			1'-6"	
	GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE DIVIDER IF LIGHTING CIRCUIT IS 277V)			4'-0"	
	QUADRUPEX RECEPTACLE			1'-6"	
	JUNCTION BOX			AS NOTED	
	208/1P RECEPTACLE, AS NOTED			AS NOTED	
	208/3P RECEPTACLE, AS NOTED			1'-6"	
	DUPLEX - SURGE SUPPRESSION TYPE			1'-6"	
	DUPLEX - WALL MOUNTED			4'-0"	
	WEATHER RESISTANT DUPLEX - WITH WEATHER-PROOF "WILE IN USE" TYPE DIE-CAST METAL COVERPLATE WITH LOCKABLE ENCLOSURE AT OUTLET. INTERMATIC GUARDIAN SERIES OR EQUAL.			1'-6"	
CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE (ARROWS INDICATED) RUN # & # OF CIRCUITS. HASHMARKS INDICATE # OF CONDUCTORS					
DISCONNECT SWITCH			5'-0"	S	
MAGNETIC STARTER			5'-0"		
MAGNETIC COMBINATION STARTER			5'-0"		
ENCLOSED FLUSH MTD. CIRCUIT BREAKER			5'-0"		
WEATHERPROOF					
EMERGENCY PANEL BOARD, SURFACE OR FLUSH MOUNTED			5'-6" TO TOP		
NORMAL PANEL BOARD, SURFACE OR FLUSH MOUNTED			5'-6" TO TOP		
M.E.S. (MAJOR EQUIPMENT SCHEDULE) # INDICATOR					
TAGGED NOTE					
REVISION NOTE					
MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)			AS NOTED		
JUNCTION BOX			AS NOTED		
PROVIDE CONNECTION TO HAND DRYER			AS NOTED		

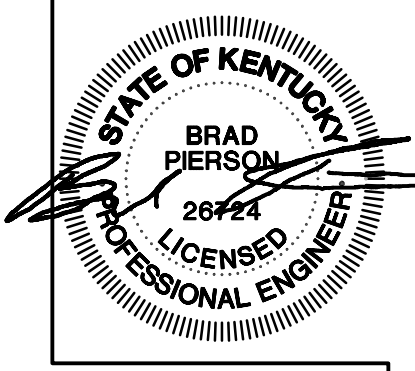
SYSTEM	ITEM	DEVICE MODEL & REFER TO SPECS. IF NONE LISTED	BACKBOX COVER IF APPLICABLE	MOUNTING HEIGHT	DRAWING SYMBOL
SPECIAL OUTLETS	PLUMBING FIXTURE SOLID END VALVE/ELECTRIC EYE SENSOR CONNECTION				S
	COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.				
DATA / VOICE / VIDEO	PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION. TRANSFORMER SHALL BE 120V-24V AND SUPPLIED WITH PLUMBING FIXTURE MOUNT ABOVE SUSPENDED ACCESSIBLE CEILING AS REQUIRED. PROVIDE ADDITIONAL TRANSFORMERS OF SAME TYPE AS/IF NEEDED.				S
	DATA OUTLET - NUMBER RESIDE OUTLET INDICATES NUMBER OF DATA JACKS TO BE PROVIDED AND INSTALLED. IF NO NUMBER IS INDICATED, THERE SHALL BE ONLY ONE DATA JACK.		1G	1'-6"	

**AS BUILT DRAWINGS:**  
CONTRACTOR SHALL PROVIDE DETAILED AS BUILT DOCUMENTS UPON COMPLETION OF CONSTRUCTION INCLUDING A DIMENSIONED PLAN SHOWING LOCATIONS OF ALL CONDUITS.

**GENERAL NOTES (APPLICABLE TO ALL WORK AND DOCUMENTS) :**

- EACH CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO INSURE ADEQUACY OF FIT, COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CHARACTERISTICS TO AVOID CONFLICT WITH ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.
- OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, STATE, FEDERAL, MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.)
- INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORD WITH MANUFACTURERS' RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEERS PRIOR TO INSTALLATION FOR CLARIFICATION.
- THE PURPOSE AND INTENT OF ALL OF THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, LIKE NEW FACILITY. ANYTHING LESS SHALL BE UNACCEPTABLE.
- WHERE PENETRATING ROOFING MEMBRANE OR OTHER MATERIALS USED FOR WEATHERPROOFING THE BUILDING MAKE SUCH PENETRATIONS IN A WAY THAT WILL NOT VOID OR DIMINISH THE ROOFING WARRANTY OR INTEGRITY IN ANYWAY. COORDINATE ALL SUCH PENETRATIONS WITH THE ROOFING INSTALLER.
- REFER TO ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND CASEWORK DETAILS FOR LOCATION OF RECEPTACLES, UTILITY OUTLETS, ELECTRICAL DEVICES, ETC.
- UNLESS OTHERWISE SPECIFIED OR INDICATED, INSTALL LIGHT FIXTURES, DIFFUSERS, REGISTERS, GRILLES, SPRINKLER HEADS, SMOKE DETECTORS AND OTHER CEILING MOUNTED APPURTENANCES IN THE CEILING IN A SYMMETRICAL PATTERN, UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE ARCHITECTURAL REFLECTED CEILING PLANS.
- ANY VIBRATING, OSCILLATING OR OTHER NOISE OR MOTION PRODUCING EQUIPMENT SHALL BE ISOLATED FROM SURROUNDING SYSTEMS IN AN APPROVED MANNER. NOISEY OR STRUCTURALLY DAMAGING INSTALLATIONS SHALL BE SATISFACTORILY REPLACED OR REPAIRED AT THE INSTALLING CONTRACTORS' EXPENSE. THE FINAL DECISION ON THE SUITABILITY OF A PARTICULAR INSTALLATION'S ACCEPTABILITY SHALL BE THAT OF THE ENGINEER.
- ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LABELED BY UNDERWRITERS LABORATORIES OR OTHER APPROVED LISTING AGENCY. APPROVED AND LABELING OF INDIVIDUAL COMPONENTS ON AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT, UNLESS WAIVED BY THE ENGINEER IN WRITING.
- ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER TRADES, EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.
- WHERE EXIT LIGHTS ARE CONNECTED TO EMERGENCY CIRCUITS WITH KEYSWITCH OR CONTACTOR CONTROL, AN UNSWITCHED LINE SHALL BE PULLED IN TO MAINTAIN THEIR OPERATION REGARDLESS OF SWITCH POSITION.
- WHERE EXIT SIGNS OR EMERGENCY BATTERY PACKS ARE PROVIDED, THEY SHALL BE CONNECTED TO AN UNSWITCHED LINE.
- WHERE OUTLETS ARE LOCATED APPROXIMATELY BACK-TO-BACK ON OPPOSITE SIDES OF A PARTY WALL, THE OUTLETS SHALL NOT BE INSTALLED IN THE SAME STUD SPACE, BUT SHALL BE SEPARATED BY A MINIMUM OF ONE STUD, UNLESS OTHERWISE APPROVED BY THE ARCHITECT.
- ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODES, NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION, THE REQUIREMENTS OF LOCAL UTILITY COMPANIES, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPANCIES OCCUR THE MOST STRINGENT SHALL APPLY.
- DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.
- IF A CANOPY DEDICATED TO DISPENSING DIESEL FUEL IS TO BE CONSTRUCTED, PROVIDE WIRING FOR AN EMERGENCY STOP OUTSIDE OF THE BUILDING ON THE CLOSEST CORNER.

PROJECT NO:  
21-4154  
DRAWN BY:  
BMP  
DATE:  
04/23/2021

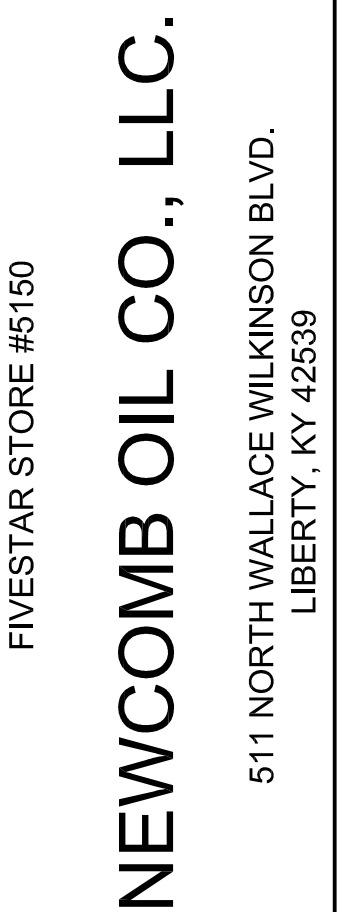
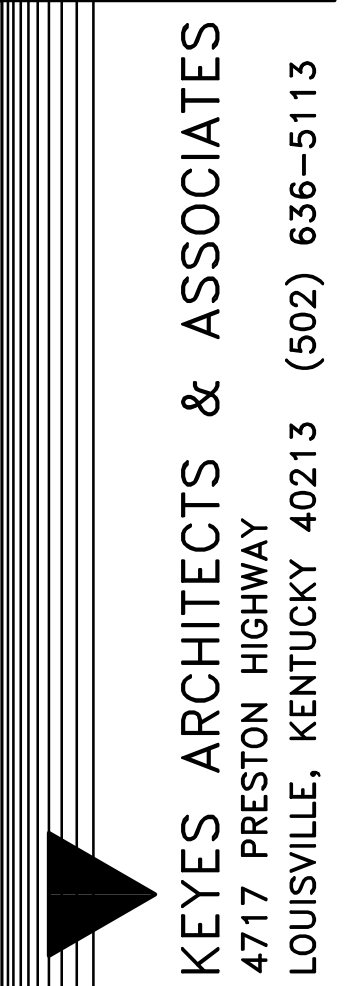
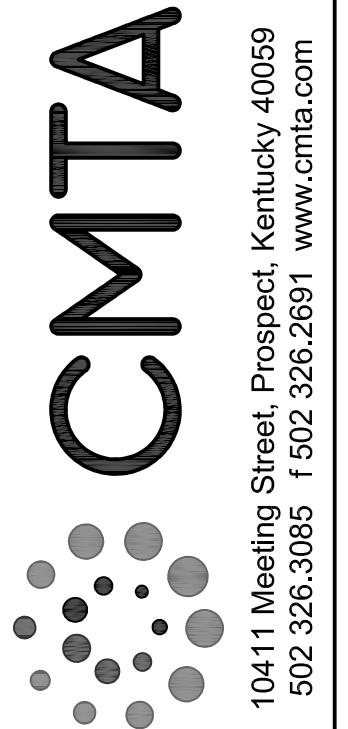
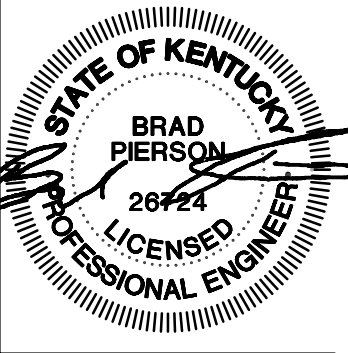


**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

**NEWCOMB OIL CO., LLC.**  
511 NORTH WALLACE WILKINSON BLVD.  
LIBERTY, KY 42539

ELECTRICAL LEGEND AND DETAILS  
**E1.00**





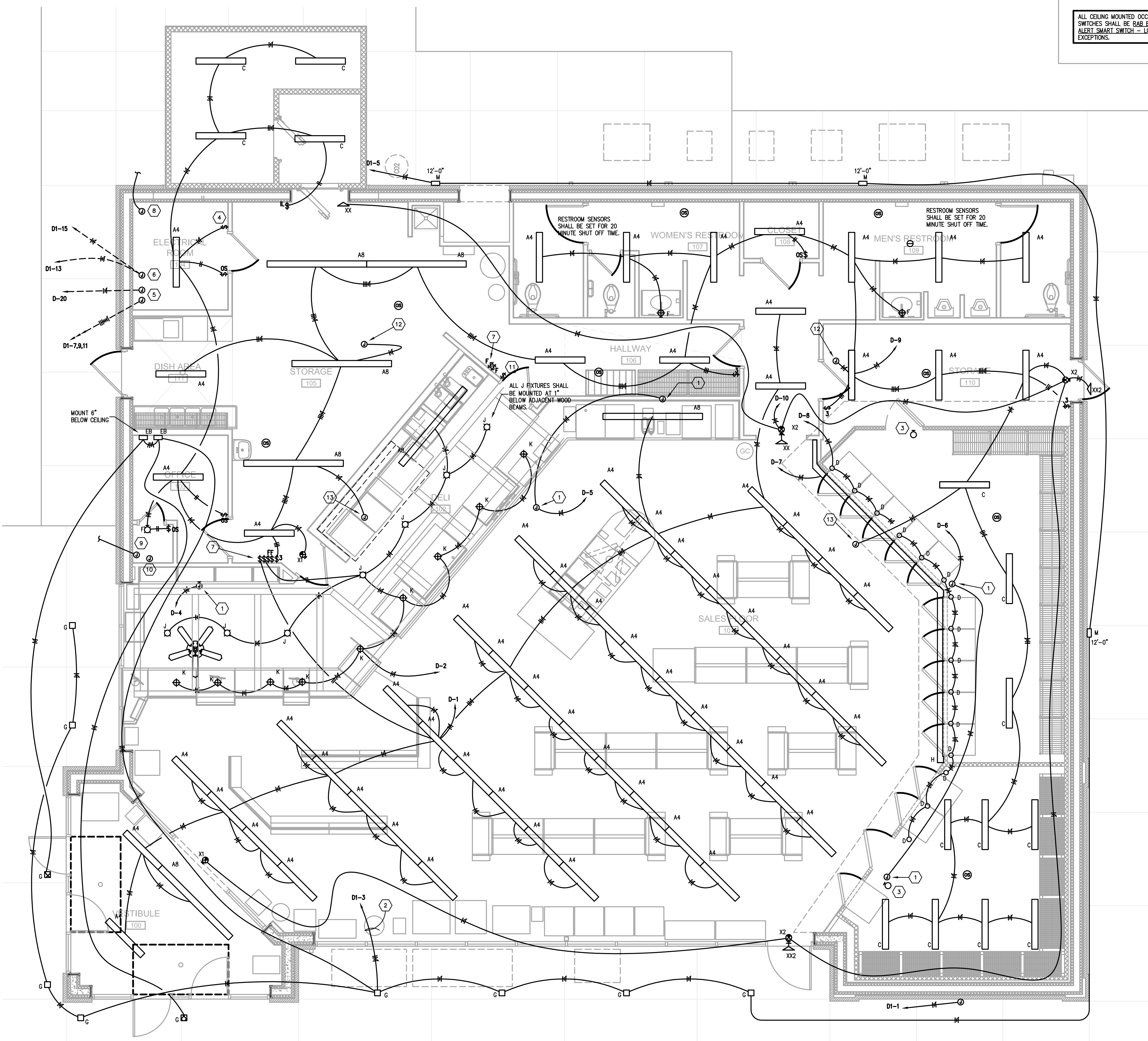
**GENERAL NEW WORK NOTES (LIGHTING):**

- A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES ETC. REFER ALSO TO THE ARCHITECT'S CASEWORK DETAILS AND ROOM ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF LIGHT FIXTURES, ETC.
- B. ALL NEW WIRING SHALL BE #12 WITH A #12 INSULATED GROUND WIRE (U.O.N.). CONDUIT SHALL BE 3/4" MINIMUM.
- C. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ANEX C. MULTIPLE BRANCH CIRCUITS AS DEFINED IN N.E.C. #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- D. ALL UNDERGROUND TRENCHES SHALL BE FILLED WITH STONE.
- E. MC CABLING SHALL BE ACCEPTABLE WHERE CONCEALED IN WALLS AND CEILINGS. EMT SHALL BE USED AT ALL EXPOSED LOCATIONS.
- F. A DIMENSIONED AND DETAILED AS-BUILT PLAN SHALL BE PROVIDED BY THE CONTRACTOR INDICATING ALL CONDUIT ROUTES. THE CONTRACTOR SHALL TAKE AND PROVIDE PHOTOS OF ALL UNDERGROUND UTILITIES PRIOR TO COVERING OF TRENCHES.
- G. ALL EMPTY CONDUITS FOR FUTURE USE SHALL BE PROVIDED WITH A PULL STRING.
- H. ALL CONDUITS STUBBED UP FROM FLOOR INTO WIRING TROUGH SHALL BE SEALED AS REQUIRED FOR GAS SEALS. THIS SHALL APPLY TO ALL CONDUITS IN THE TROUGH WHETHER SERVING GAS EQUIPMENT OR NOT.
- I. ALL SWITCHES SHALL BE MOUNTED AS TIGHT TO DOOR FRAMES AS POSSIBLE TO MAXIMIZE AVAILABLE WALL SPACE. PROVIDE MULTITANG SWITCHBOXES WHEREVER POSSIBLE. NO SWITCHES SHALL BE MOUNTED ANY MORE THAN 12" FROM DOOR FRAME.

**TAGGED NOTES:**

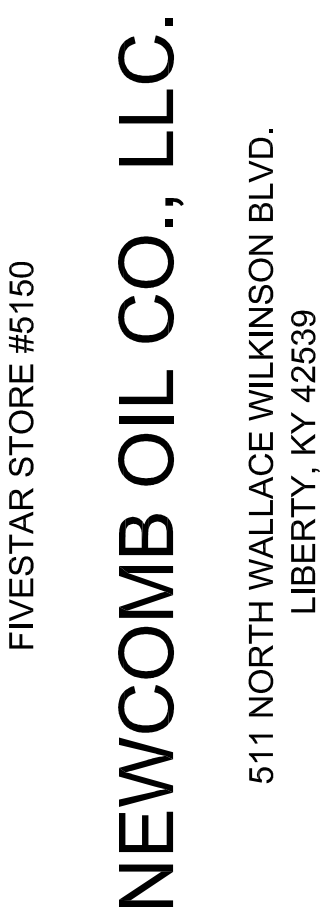
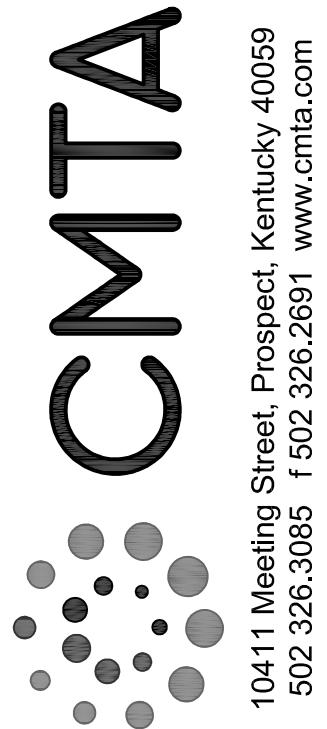
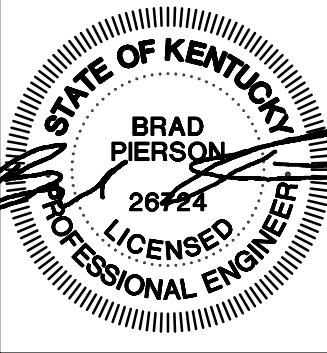
1. DECORATIVE GRAPHICS LIGHTING J-BOX. ROUTE ALL CONDUIT AND WIRING CONCEALED TO SIGNAGE. PROVIDE BOX IN VERTICAL FACE OF SOFFIT AS REQUIRED. CONNECTION SHALL BE CENTERED OVER SHELVEING AND LOCATED 9" ABOVE THE TOP OF THE OPENING. CONTROL WITH INTERIOR LIGHTING. PROVIDE WITH 14-1/2" WIDE X 6" TALL X 4" DEEP JUNCTION BOX ACCESSIBLE FROM THE MANAGER'S OFFICE WITH ONE CIRCUIT AND NIPPLE UP TO THE BACKSIDE TO FEED SIGN. MOUNT 8-1/2" ABOVE FINISHED OPENING CENTERED OVER SHELVEING. COORDINATE EXACT ELEVATION WITH ALL TRADES PRIOR TO ROUGH-IN.
2. EXTERIOR LIGHTING CIRCUIT SHALL BE CONTROLLED THROUGH EXTERIOR LIGHTING PHOTOCELL AS REQUIRED. PROVIDE UNSWITCHED CONDUCTOR BYPASSING PHOTOCELL FOR CONNECTION TO BATTERY BACK UP "EB" DEVICES IN OFFICE 103.
3. FREEZER VAPOR PROOF LIGHT PROVIDED WITH COOLER SHALL NOT BE CONNECTED.
4. PROVIDE SWITCH AT LOCATION INDICATED FOR OVERRIDE OF OCCUPANCY SENSOR IN ROOM. SWITCH SHALL PROVIDE BYPASS OF OCCUPANCY SENSOR RELAY AS REQUIRED FOR OVERRIDE.
5. PROVIDE CONNECTIONS TO SITE LIGHTING POLES AS REQUIRED BY SITE PLAN. PROVIDE ADDITIONAL CIRCUIT TO EACH LIGHTING POLE FOR BASE MOUNTED RECEPTACLE. RECEPTACLE SHALL BE MOUNTED ON POLE BASE AND NOT AT POLE ACCESS BOX. REFER TO SITE SPECIFIC DRAWINGS FOR FURTHER REQUIREMENTS.
6. REFER TO SITE SPECIFIC PLANS FOR EXACT SIGN LOCATIONS AND REQUIREMENTS. SITE SIGNAGE SHALL BE WIRED IN THE FOLLOWING MANNER:
  - 6.A. (2) 3/4" CONDUITS FROM THE ELECTRICAL ROOM TO EACH SIGN. DO NOT LOOP CONDUITS FROM ON SIGN TO ANOTHER.
  - 6.B. ON THE POLE SIGN, PROVIDE (2) 3/4" CONDUITS THAT LOOP FROM ONE LEG OF THE SIGN TO THE OTHER LEG OF THE SIGN.
  - 6.C. ONE CONDUIT TO EACH SIGN SHALL HAVE (3) 120V 20 AMP CIRCUITS WITH #10 CONDUCTORS AND GROUND FOR EACH CIRCUIT. (2) CIRCUITS SHALL ALWAYS BE HOT AND ONE SHALL BE SWITCHED WITH THE EXTERIOR LIGHTING PHOTOCELL.
  - 6.D. ONE CONDUIT TO EACH SIGN IS FOR FUTURE LOW VOLTAGE USE. THIS CONDUIT SHALL NOT BE LOOPED BETWEEN SIGNS.
  - 6.E. THE SIGN CONDUIT SHALL NOT BE COMBINED WITH AREA LIGHTING. ALL AREA LIGHTS SHALL BE FEED THROUGH SEPARATE CONDUITS.
  - 6.F. ALL BUILDING SIGNS SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR.
7. PROVIDE PERMANENT LABELS ON SWITCHES TO INDICATE LOAD SERVED.
8. PROVIDE 1-1/4" CONDUIT FROM NEW SATELLITE LOCATION TO CHECK OUT COUNTER. SATELLITE WILL NEED TO BE LOCATED TO A NON CANOPY LOCATION OUT THE BACK OF THE STORE.
9. PROVIDE 1" CONDUIT FROM CLOSET TO ALL SITE CANOPIES FOR SURVEILLANCE CAMERAS. COORDINATE EXACT REQUIREMENTS WITH SITE PLANS.
10. PROVIDE 2" CONDUIT FROM OFFICE CLOSET TO 12" ABOVE ATTIC INSULATION.
11. INTERIOR LIGHTING CIRCUITS SHALL BE ROUTED THROUGH INTERIOR LIGHTING CONTRACTOR FOR CONTROL OF ALL INTERIOR ZONES. SWITCH INDICATED SHALL BE USED FOR CONTROL OF CONTRACTOR.
12. PROVIDE KEYLESS LIGHT FIXTURE ABOVE SUTTLE OPENING IN ATTIC SPACE AT LOCATION INDICATED.
13. PROVIDE KEYLESS LIGHT FIXTURE CENTERED ABOVE WALKWAY IN ATTIC SPACE AT LOCATION INDICATED.

ALL CEILING MOUNTED OCCUPANCY SENSOR SWITCHES SHALL BE RAB ELECTRIC LIGHT ALERT SMART SWITCH - LOS2400. NO EXCEPTIONS.



**ELECTRICAL - LIGHTING**

1/4" = 1'-0"



**FOOD SERVICE KITCHEN EQUIPMENT SCHEDULE :**

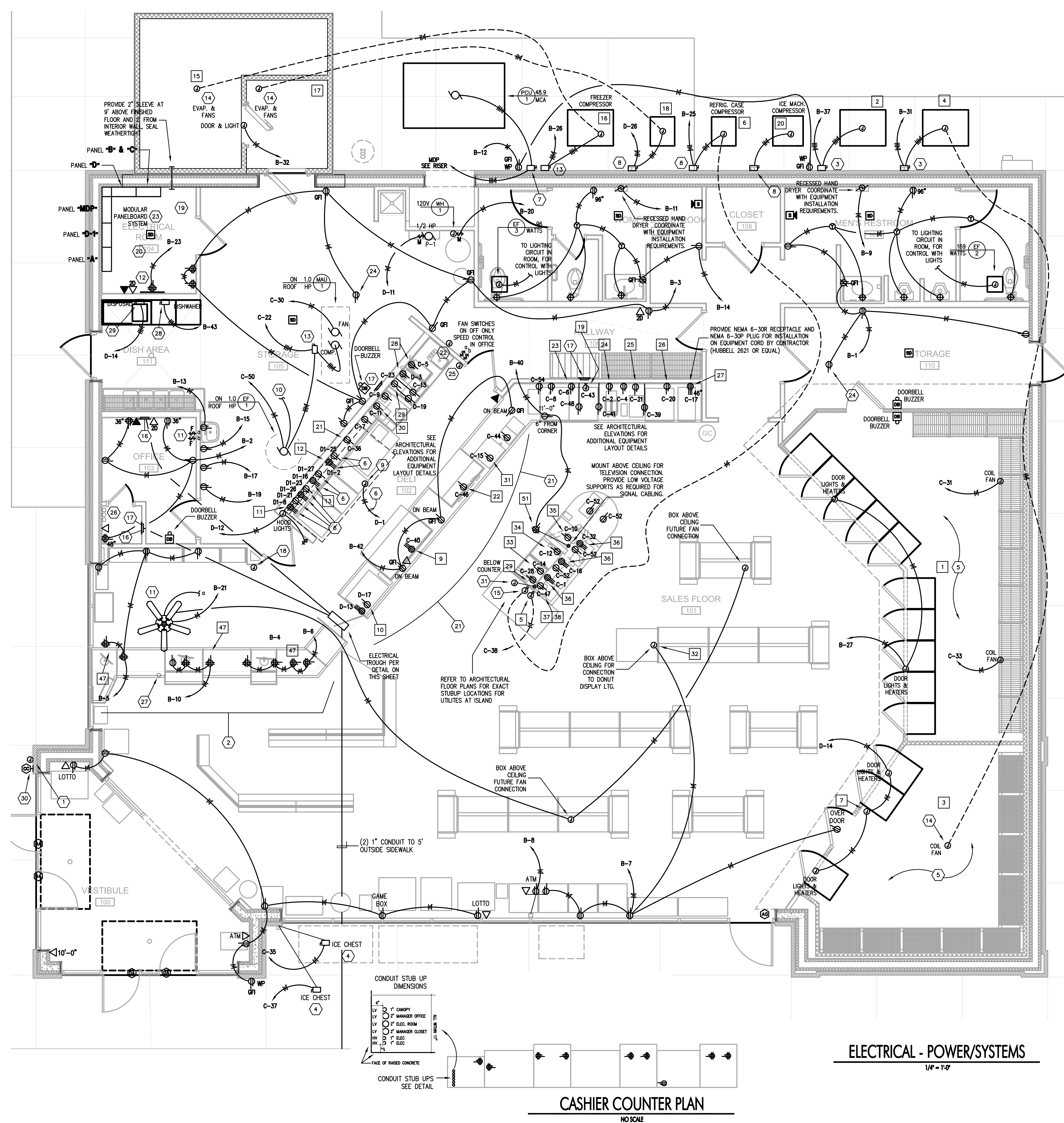
ITEM	ELEC. CONN.	QTY	DESCRIPTION	ELECTRICAL					REMARKS
				KW	HP	AMP	VOLT	PH	
1	•		WALK-IN BEVERAGE COOLER						• MULTIPLE ACC.
2	•		W.I. BEVERAGE COOLER COND. UNIT			27.0	208	3	•
3	•		BEER CAVE COOLER			1.0	120	1	•
4	•		BEER CAVE COND. UNIT			27.0	208	3	•
5	•		ISLAND MERCHANDISER			1.0	120	1	•
6	•		ISLAND MERCHANDISER COND. UNIT			10A	208	1	•
9	•		4 WELL HOT FOOD TABLE			23.0	120	1	14-50P
10	•		HOT FOOD MERCHANDISER			13.0	120	1	5-20P
11	•		CONNECTION OVEN W/ HOLDING			12.0	120	1	5-20P
12	•		GAS FRYER			1.7	120	1	5-20P
13	•		GRIDDLE			0.5	120	1	5-20P
14	•		EXHAUST HOOD						•
15	•		WALK IN FREEZER						• MULTIPLE ACC.
16	•		FREEZER COND. UNIT			22.5	208	3	•
17	•		WALK IN REFRIGERATOR						• MULTIPLE ACC.
18	•		REFRIGERATOR COND. UNIT			10	208	1	•
19	•		REMOTE ICE MAKER			18.9	208	1	•
20	•		ICE MAKER COND. UNIT			1.7	208	1	•
21	•		SOLID TOP FREEZER TABLE			6.1	120	1	5-20P
22	•		PREP TABLE			8.6	120	1	5-20P
23	•		SODA FOUNTAIN						VERIFY EXACT REQUIREMENTS IN FIELD WITH VENDOR
24	•		TEA BREWER						VERIFY EXACT REQUIREMENTS IN FIELD WITH VENDOR
25	•		FREAL MIXER			15.0	120	1	5-20P
26	•		FREAL FREEZER			15.0	120	1	5-20P
27	•		FREEZE MACHINE			30	208	1	6-30P
28	•		COFFEE MAKER						VERIFY EXACT REQUIREMENTS IN FIELD WITH VENDOR
29	•	2	MICROWAVE			10.0	120	1	5-20P
30	•		INDUCTION RANGE						•
31	•		BAKED GOODS						•
32	•		DONUT CASE						•
33	•		FRAPP MACHINE			12	120	1	5-20P
34	•		CHOC CAPPU MACHINE						•
35	•		CAPPUCCINO MACHINE			15.0	120	1	5-20P
36	•		BUN TO CUP MACHINE			24.0	208	1	6-30P
37	•		CREAMER MACHINE			10.0	120	1	5-20P
38	•		SUGAR MACHINE			3.0	120	1	5-20P
43	•		DISHWASHER						•
47	•	3	POS TERMINALS			2.0	120	1	5-20P
51	•	3	SUSPENDED TV MONITORS			2.0	120	1	5-20P

**TAGGED NOTES :**

- PROVIDE EMERGENCY KILL SWITCH, ROUGH-IN AND STUB OUT ON EXTERIOR OF BUILDING FOR EMERGENCY PUMP SHUT DOWN. PROVIDE CONNECTION TO GAS PUMP PANEL SHUNT TRIP CONTROL AS REQUIRED. COORDINATE EXACT LOCATION FACING FILING AREA WITH PUMP INSTALLER. COORDINATE PRIOR TO START OF CONSTRUCTION FOR UNDERGROUND ROUTING REQUIREMENTS.
- ALL RECEPTACLES AND DEVICES AT THE CHECK OUT COUNTER SHALL BE MOUNTED HIGH IN THE BACK OF CASEWORK. COORDINATE EXACT MOUNTING LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN.
- PROVIDE 60A/250V/3P DISCONNECT IN NEMA-3R ENCLOSURE. PROVIDE ALL MOUNTING EQUIPMENT AS REQUIRED FOR MOUNTING ON WALL/ROOF. COORDINATE EXACT MOUNTING LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN.
- PROVIDE DISCONNECT FOR ICE CHEST AT 60" ABOVE GRADE. DISCONNECT SHALL BE PAINTED TO MATCH STOREFRONT.
- PROVIDE LINE VOLTAGE CONNECTIONS TO WALK-IN COOLER THERMOSTATS AND ACCESSORIES AS REQUIRED.
- CIRCUIT INDICATED SHALL BE CONTROLLED BY A SHUNT TRIP BREAKER AS REQUIRED FOR TYPE 1 EXHAUST HOOD. SHUNT TRIP SHALL BE CONTROLLED BY HOOD SHUT DOWN EQUIPMENT AS REQUIRED. COORDINATE WITH HOOD INSTALLER.
- PROVIDE 60A/250V/3P DISCONNECT IN NEMA-3R ENCLOSURE. PROVIDE ALL MOUNTING EQUIPMENT AS REQUIRED FOR MOUNTING ON WALL/ROOF. COORDINATE EXACT MOUNTING LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN.
- PROVIDE 30A/250V/2P DISCONNECT IN NEMA-3R ENCLOSURE. PROVIDE ALL MOUNTING EQUIPMENT AS REQUIRED FOR MOUNTING ON WALL. COORDINATE EXACT MOUNTING LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN. PROVIDE POWER CONNECTION FROM FOUNTAIN ICE MACHINES AS REQUIRED. COORDINATE FURTHER REQUIREMENTS WITH EQUIPMENT INSTALLER.
- PROVIDE 120V CONNECTION TO GAS SOLENOID FOR SHUTDOWN OF HOOD EQUIPMENT GAS CONNECTIONS WITH SHUNT TRIP. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH GAS INSTALLER.
- PROVIDE RACEWAY TO MAKE UP AND EXHAUST FAN CONTROL SWITCH AS REQUIRED. COORDINATE EXACT REQUIREMENTS WITH HOOD INSTALLER.
- INSTALL A LOWES 56" DIAMETER CEILING HUGGER CEILING FAN. FAN SHALL BE ALL WHITE. PROVIDE VARIABLE SPEED CONTROLLERS (LUTRON FSE-FE OR EQUAL) AT LOCATION INDICATED IN STORAGE ROOM.
- NETWORK SWITCHES AND PATCH PANELS SHALL BE PROVIDED BY OWNER AND LOCATED IN ELECTRICAL ROOM AS INDICATED. UNLESS OTHERWISE NOTED, PROVIDE SHIELDED, CAT 5E NETWORK CABLING FROM PHONE AND DATA DROPS INDICATED ON PLANS BACK TO THIS LOCATION. TERMINATE AND LABEL CABLING PER OWNER REQUIREMENTS. PROVIDE TELECOM UTILITY RACEWAYS FROM SITE TO RACK LOCATION. PROVIDE DEDICATED UTILITY SERVICE CONDUIT FOR LOTTERY PHONE LINE. COORDINATE EXACT REQUIREMENTS WITH OWNER AND SITE CONTRACTOR PRIOR TO ROUGH-IN. NETWORK AND VOICE CABLING SHALL BE CONTINUOUS AND SHALL NOT BE SPLICED.
- PROVIDE 30A/250V/3P DISCONNECT IN NEMA-3R ENCLOSURE. PROVIDE ALL MOUNTING EQUIPMENT AS REQUIRED FOR MOUNTING ON WALL/ROOF. COORDINATE EXACT MOUNTING LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN.
- PROVIDE CONNECTIONS TO ALL THERMOSTATS, DEFROST HEATERS AND EVAPORATOR FANS CONDENSING UNIT CIRCUIT AS INDICATED. COORDINATE EXACT CONNECTION REQUIREMENTS WITH EQUIPMENT INSTALLER. PROVIDE LOCAL DISCONNECT MEANS IN COOLER IF NOT PROVIDED BY INSTALLER.
- PROVIDE 120V CONNECTION TO REFRIGERATED CASE THERMOSTAT FROM CIRCUIT SERVING EXTERIOR CONDENSING UNIT. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT INSTALLER.
- PROVIDE 2" CONDUIT BELOW SLAB FROM 12"x12"x4" DEEP JUNCTION BOX WITH FRONT ACCESS TO TRANSACTION COUNTER WIRING TROUGH FOR CABLING. TURN UP BELOW COUNTER IN TO WIRING TROUGH. COORDINATE EXACT LOCATION WITH CABINET INSTALLER. PROVIDE ADDITIONAL 2" CONDUIT STUBBED TO 12" ABOVE CEILING. BOX SHALL BE MOUNTED AT 12" A.F.F. FROM BOTTOM OF BOX.
- PROVIDE 2" CONDUIT ABOVE CEILING FROM THE 12"x12"x4" DEEP JUNCTION BOX WITH FRONT ACCESS. BOX SHALL BE MOUNTED AT 12" A.F.F. FROM BOTTOM OF BOX.
- PROVIDE INTERIOR EMERGENCY KILL SWITCH FOR EMERGENCY PUMP SHUT DOWN AT CASHIER LOCATION AS INDICATED. PROVIDE CONNECTION TO GAS PUMP PANEL SHUNT TRIP CONTROL AS REQUIRED.
- PROVIDE WEATHERHEADS WHERE REQUIRED FOR TELEPHONE ENTRY AND OVERHEAD SECONDARY ELECTRICAL SERVICE WHERE REQUIRED BY UTILITY COMPANY. COORDINATE INSTALLATION WITH ALL TRADES AND WEATHER-SEAL TO MAINTAIN ROOF AND WALLS AS REQUIRED.
- PROVIDE DUAL 8" X 8" X 5" ELECTRICAL TROUGHS IN ELECTRICAL ROOM FOR GAS PUMP EQUIPMENT WIRING. THE TOP TROUGH SHALL BE USED FOR LINE VOLTAGE CABLING AND THE BOTTOM TROUGH SHALL BE USED FOR LOW VOLTAGE CABLING. TROUGHS SHALL BE OFFSET FROM EACH OTHER TO ALLOW ACCESS TO EACH TROUGH.
- ALL RECEPTACLES ALONG COUNTER INDICATED SHALL BE INSTALLED COMPLETELY TO THE BACK OF THE COUNTER.
- PROVIDE 3/4" CONDUIT DOWN TO SINGLE GANG BOX FOR ALARM SYSTEM BOX.
- ALL CONDUIT PENETRATIONS THROUGH THE FLOOR SLAB SHALL BE PROVIDED WITH AIR TIGHT SEALS WHETHER SERVING GAS EQUIPMENT OR NOT.
- PROVIDE DUPLEX RECEPTACLE IN ATTIC MOUNTED TO STRUCTURE ABOVE SCUTTLE OPENING.
- PROVIDE RANGE HOOD EMERGENCY PULL CORD AT 60" ABOVE FINISHED FLOOR AT LOCATION INDICATED. REFER TO DETAIL AND COORDINATE WITH HOOD INSTALLER.
- PROVIDE A 1" CONDUIT FROM OFFICE TO EACH CANOPY ON SITE FOR CAMERA CABLING.
- PROVIDE A 1-1/4" CONDUIT FROM CHECKOUT COUNTER TO NEW SATELLITE LOCATION. COORDINATE EXACT TERMINATION LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.
- PROVIDE 60A/250V/3P DISCONNECT IN NEMA-1 ENCLOSURE. COORDINATE EXACT MOUNTING LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN.
- PROVIDE 30A/250V/3P DISCONNECT IN NEMA-1 ENCLOSURE. COORDINATE EXACT MOUNTING LOCATION WITH ALL TRADES PRIOR TO ROUGH-IN.
- PROVIDE SINGLE GANG ROUGH-IN FOR SECURITY CAMERA FACING GAS CANOPY. PROVIDE 3/4" CONDUIT FROM BOX TO LOW VOLTAGE BOX ON INTERIOR SIDE OF WALL NEAR FLOOR. COORDINATE GAS CANOPY LOCATION WITH GENERAL CONTRACTOR AND INSTALL ON SIDE FACING CANOPY.
- PROVIDE A TOTAL OF (4) 1" UNDERSLAB ELECTRICAL CONDUITS FOR WIRING FROM ELECTRICAL CLOSET. (1) CONDUIT SHALL BE SPARE AND PROVIDED WITH A FULL STRING. STUB UP AT LOCATION INDICATED ON ARCHITECTURAL DIMENSION PLAN.

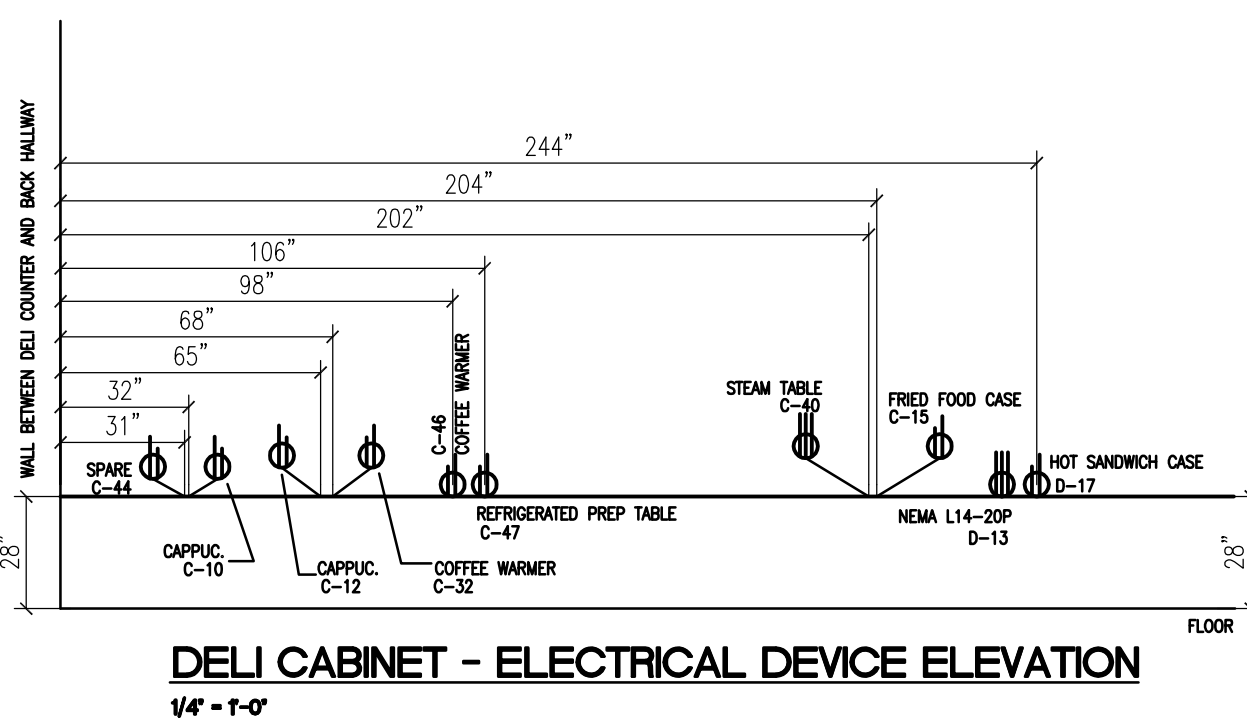
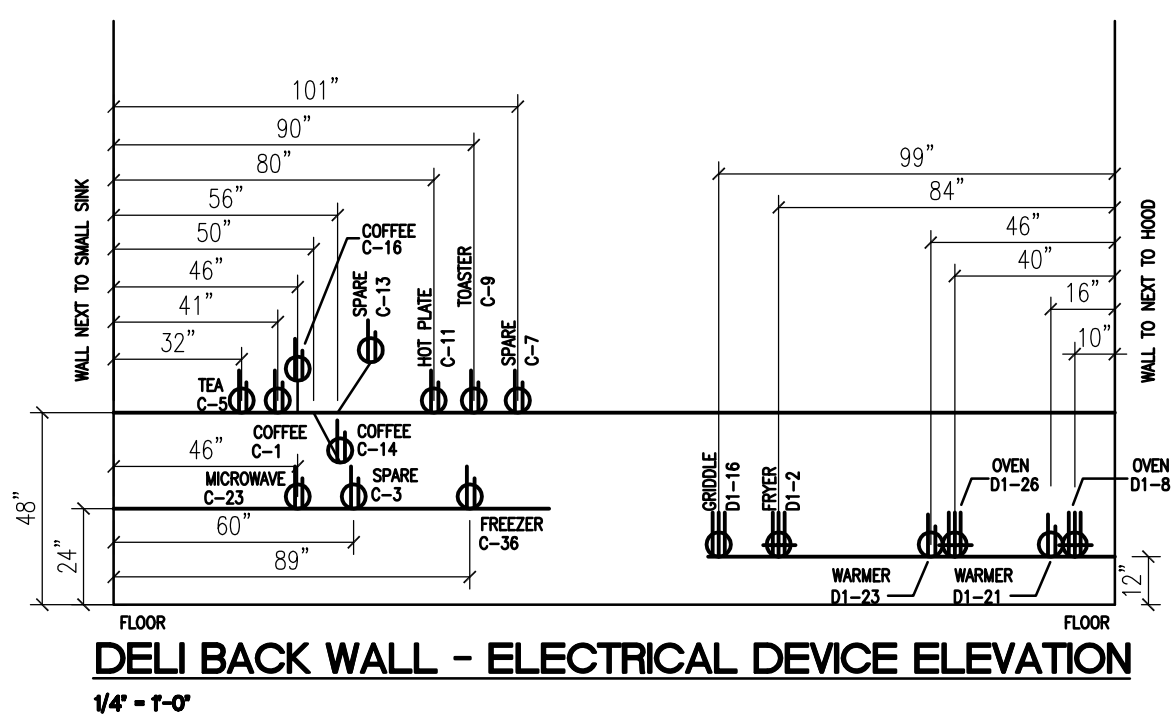
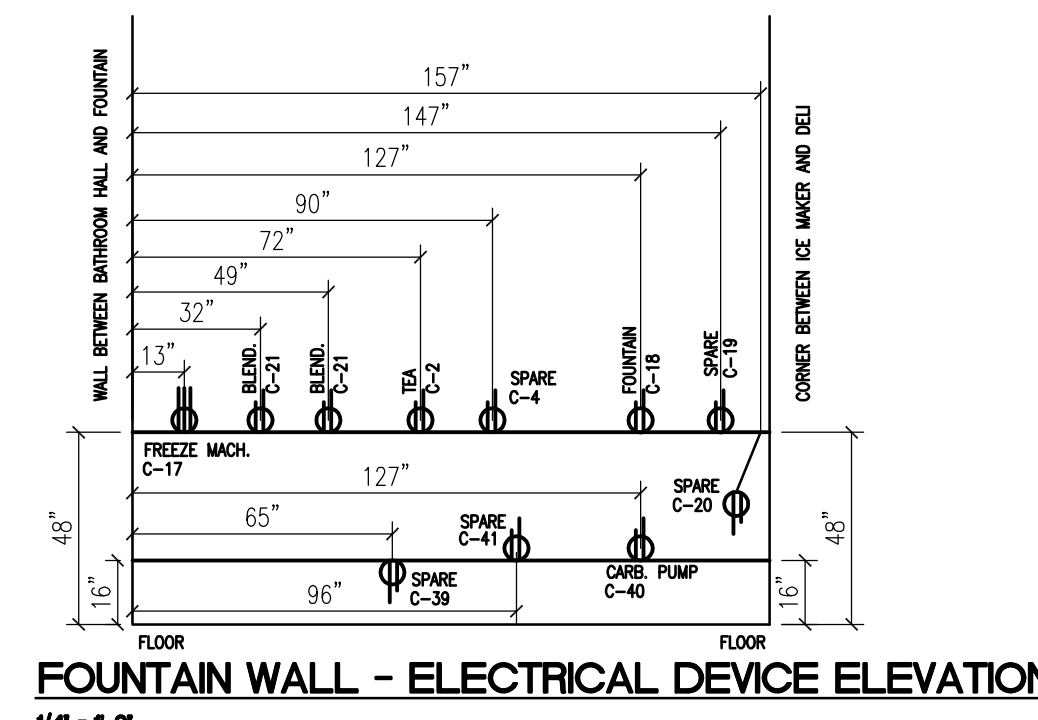
**GENERAL NEW WORK NOTES (POWER) :**

- REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES ETC. REFER ALSO TO THE ARCHITECT'S CASEWORK DETAILS AND ROOM ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF LIGHT FIXTURES, ETC.
- ALL NEW WIRING SHALL BE #12 WITH A #12 INSULATED GROUND WIRE (U.O.N.), CONDUIT SHALL BE 1/2" MINIMUM.
- CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. 400.17 AND ANNEX D. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C. #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- MC CABLING SHALL BE ACCEPTABLE WHERE CONCEALED IN WALLS AND CEILINGS. EMT SHALL BE USED AT ALL EXPOSED LOCATIONS.
- A DIMENSIONED AND DETAILED AS-BUILT PLAN SHALL BE PROVIDED BY THE CONTRACTOR INDICATING ALL CONDUIT ROUTES. THE CONTRACTOR SHALL TAKE AND PROVIDE PHOTOS OF ALL UNDERGROUND UTILITIES PRIOR TO COVERING OF TRENCHES.
- ALL UNDERGROUND TRENCHES SHALL BE FILLED WITH STONE.
- ALL EMPTY CONDUITS FOR FUTURE USE SHALL BE PROVIDED WITH A PULL STRING.
- ALL DEVICES SHALL BE STAINLESS STEEL, WHITE, BROWN OR IVORY. WHITE AT WHITE AND RED TILE, BROWN AT ALL BROWN TILE AND BY STORE FRONT, IVORY AGAINST ALL PAINTED WALLS, WHITE INSIDE CABINETS AND STAINLESS AT HOOD.
- ALL CONDUITS STUBBED UP FROM FLOOR SHALL BE SEALED AS REQUIRED FOR GAS SEALS. THIS SHALL APPLY TO ALL CONDUITS WHETHER SERVING GAS EQUIPMENT OR NOT.
- ALL DISCONNECTS SHALL BE SQUARE D SIDE ARMED AND NON FUSED.
- ALL RECEPTACLES SHALL BE ON MINIMUM OF 20A CIRCUITS AND SHALL BE 20A RATED DEVICES.
- PROVIDE 3/4" AND 1" CONDUITS FROM TROUGH IN ELECTRICAL ROOM TO 5'-0" BEYOND SIDEWALK AND MINIMUM OF 18" BELOW GRADE. CONDUITS TO HAVE SEAL OFF AT FIRST JOINT ABOVE FLOOR. VERIFY WITH OWNER.
- POLE LIGHTS AND POLES SHALL BE FURNISHED BY OWNER AND INSTALLED BY ELECTRICAL CONTRACTOR.
- EACH POLE LIGHT SHALL HAVE (1) DUPLEX RECEPTACLE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL POLES TO BE WIRED WITH #10 STRANDED WIRE.
- ALL UNDERGROUND CONDUIT SHALL HAVE GALVANIZED 90'S.
- PROVIDE AND INSTALL ALL CORDS AND PLUGS FOR FOOD SERVICE EQUIPMENT.
- ALL GAS EQUIPMENT AND DISPENSERS MUST BE ON THE SAME PHASE (A OR O).
- PROVIDE (1) BREAKER FOR EACH LINE LEAK DETECTOR UST.



**CASHIER COUNTER PLAN**  
NO SCALE

PANELBOARD AND WIRING SCHEDULE - (Double Tub, Double Trim)																			
PANELBOARD	A			AMPERES	100	VOLTAGE	120/208	PHASE	1	WIRE	3	MANUF.:	SQUARE D	TYPE:	MODULAR				
GND	CON	LOAD			DESIGNATION	WIRE	BKR	CKT	BKR	WIRE	DESIGNATION	LOAD			CON	GND			
		A	B	C								A	B	C					
					SPARE SWITCHED NEUTRAL		15/2	1	2	15/2	SPARE SWITCHED NEUTRAL								
					SPARE SWITCHED NEUTRAL		---	3	4	---	SPARE SWITCHED NEUTRAL								
					SPARE SWITCHED NEUTRAL		15/2	5	6	15/2	SPARE SWITCHED NEUTRAL								
					SPARE SWITCHED NEUTRAL		---	7	8	---	SPARE SWITCHED NEUTRAL								
					SPARE SWITCHED NEUTRAL		15/2	9	10	15/2	SPARE SWITCHED NEUTRAL								
					SPARE SWITCHED NEUTRAL		---	11	12	---	SPARE SWITCHED NEUTRAL								
					SPARE SWITCHED NEUTRAL		15/2	13	14	15/2	SPARE SWITCHED NEUTRAL								
					SPARE SWITCHED NEUTRAL		---	15	16	---	SPARE SWITCHED NEUTRAL								
					SPARE SWITCHED NEUTRAL		15/2	17	18	15/2	SPARE SWITCHED NEUTRAL								
					SPARE SWITCHED NEUTRAL		---	19	20	---	SPARE SWITCHED NEUTRAL								
					SPARE SWITCHED NEUTRAL		15/2	21	22	20/2	SPARE								
					SPARE SWITCHED NEUTRAL		---	23	24	---	SPARE								
					SPARE SWITCHED NEUTRAL		15/2	25	26	20/2	SPARE								
					SPARE SWITCHED NEUTRAL		---	27	28	---	SPARE								
					SPARE SWITCHED NEUTRAL		15/2	29	30	20/2	SPARE								
					SPARE SWITCHED NEUTRAL		---	31	32	---	SPARE								
					SPARE SWITCHED NEUTRAL		15/2	33	34	20/2	SPARE								
					SPARE SWITCHED NEUTRAL		---	35	36	---	SPARE								
					SPARE SWITCHED NEUTRAL		15/2	37	38	20/2	SPARE								
					SPARE SWITCHED NEUTRAL		---	39	40	---	SPARE								
					SPACE		20/2	41	42	15/1	SPACE								
					SPACE		---	43	44	15/1	SPACE								
					SPACE		20/2	45	46	15/1	SPACE								
					SPACE		---	47	48	20/1	SPACE								
					SPACE		---	49	50	20/1	SPACE								
					SPACE		---	51	52	20/1	SPACE								
0.0				0.0				KVA				KVA		SUB-TOTAL		0.0		0.0	
												KVA		GROSS-TOTAL		0		0	
EMERGENCY POWER:				NO				MAIN BREAKER:				KVA						0.00	
BRANCH:								MAIN LUGS:		YES		A.I.C. RATING:		35,000					



**TAGGED NOTES :**

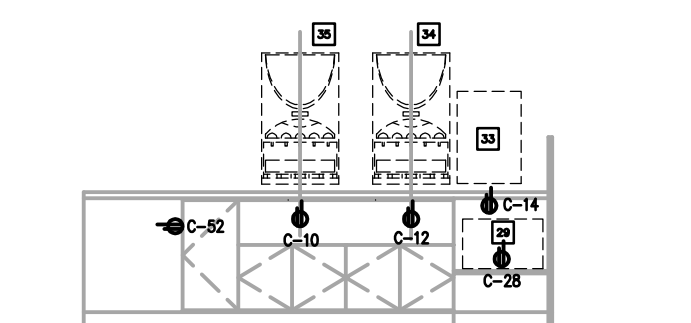
- PROVIDE SQUARE "D" INTEGRATED POWER CENTER DISTRIBUTION SYSTEM AS SHOWN. MAIN DISTRIBUTION EQUIPMENT SHALL BE 800A/120/208V/3PH/4W AND SHALL BE MAIN SERVICE RATED. PROVIDE WITH I-LINE STYLE MAIN DISTRIBUTION WITH MAIN SERVICE RATED BREAKERS FEEDING LOADS AS INDICATED ON RISER AND FLOOR PLANS. PROVIDE WITH MODULAR PANELBOARDS AND CONTACTORS AS INDICATED ON RISER AND FLOORPLANS FOR BRANCH CIRCUIT DISTRIBUTION AND CONTROL. ALL OVERCURRENT DEVICES IN MAIN PANEL AND ASSOCIATED MODULAR EQUIPMENT SHALL HAVE A RATING AT A MINIMUM OF 35 KAIC SHORT CIRCUIT RATINGS. PROVIDE A SURGE SUPPRESSION DEVICE "SPD" AT THE MAIN DISTRIBUTION PANEL AS WELL AS EACH BRANCH PANEL.
- PANEL "M" AND ASSOCIATED FUEL CONTACTOR SHALL BE DEDICATED FOR FUEL DISTRIBUTION EQUIPMENT. COORDINATE EXACT BRANCH CIRCUIT OVERCURRENT REQUIREMENTS WITH FUEL SERVICE PLANS AND CONTRACTOR. PROVIDE A STUBOUTS AS REQUIRED FOR BRANCH CIRCUITS AND CONTROLS. PROVIDE SEALS AT RACEWAY OPENINGS AS REQUIRED FOR SERVING FUEL DISTRIBUTION EQUIPMENT.
- PROVIDE PANEL "D-1" AND ASSOCIATED CONTACTOR AS REQUIRED FOR EXTERIOR LIGHTING CONNECTIONS AND CONTROL. REFER TO FLOORPLANS AND SCHEDULES FOR FURTHER REQUIREMENTS. COORDINATE EXACT CONTROL REQUIREMENTS WITH KITCHEN HOOD SHOP DRAWINGS AND INSTALLER.

**GENERAL POWER RISER NOTES :**

- REFER TO DETAIL FOR TYPICAL PANEL LABELING REQUIREMENTS.
- ALL "I-LINE" PANELS SHALL BE AS SCHEDULED IN THIS RISER (EXCEPT WHERE INDICATED, THE CONTRACTOR SHALL REFER TO THE PANELBOARD SCHEDULES FOR COMPLETE BREAKER SCHEDULE).
- SERVICE EQUIPMENT SHALL BE MARKED WITH THE MAXIMUM AVAILABLE FAULT-CURRENT AT THE EQUIPMENT. APPLY A TYPE-WRITTEN ADHESIVE LABEL WITH WHITE BACKGROUND, 1/2" HIGH BLACK LETTERING.
- AS PART OF THIS CONTRACT, PROVIDE A COMPREHENSIVE ARC FLASH HAZARD ANALYSIS FOR POWER DISTRIBUTION DEVICES ON THIS PROJECT AS REQUIRED TO MEET REQUIREMENTS OF NFPA 70E AND OSHA REQUIREMENTS.

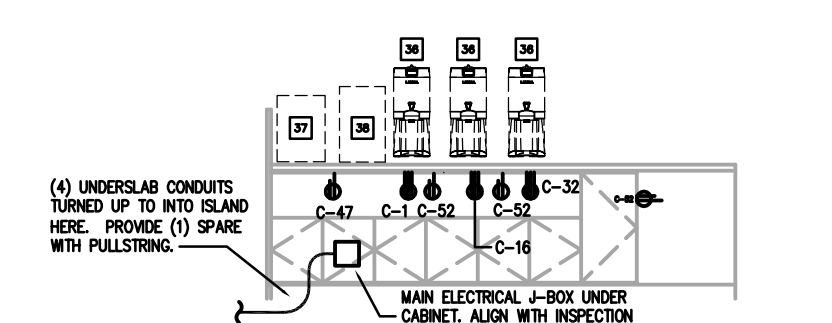
**ISLAND ELEVATION - DELI SIDE**

1/4" = 1'-0"



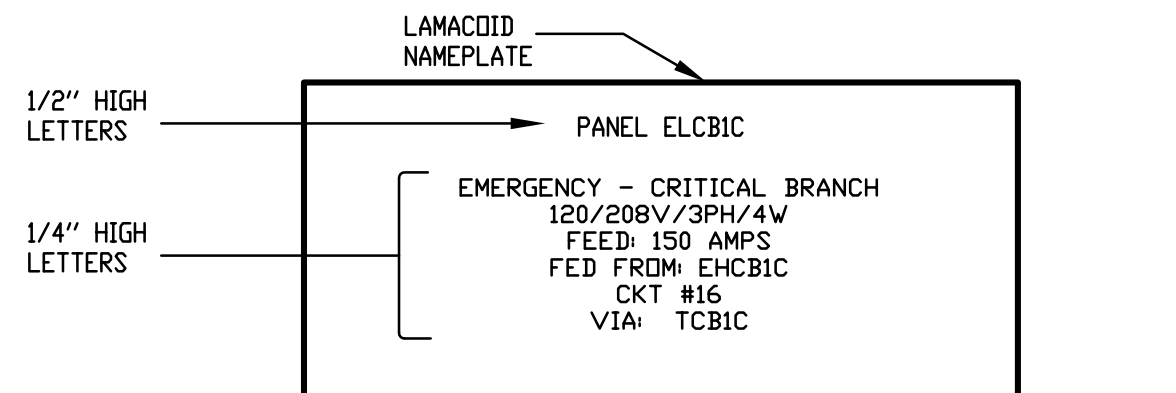
**ISLAND ELEVATION - FLOOR SIDE**

1/4" = 1'-0"



**POWER RISER FEEDER SCHEDULE :**

- PROVIDE 2 PARALLEL RUNS OF 4 #500 Kcmil IN 4" CONDUITS.
- PROVIDE (4) #8 + (1) #10 GROUND IN 3/4" CONDUIT.
- INTEGRATED PANEL FEEDERS SHALL BE FACTORY INSTALLED TYPE THHN POWER CABLES AND SHALL BE SIZED PER NEC CHAPTER 310. WHERE EQUIPMENT MUST BE DISASSEMBLED FOR SHIPPING THE CONTRACTOR SHALL TERMINATE FACTORY PROVIDED CABLES AS REQUIRED UPON REASSEMBLY. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER.



- GENERAL NOTES :**
- NORMAL POWER PANELS SHALL HAVE BLACK BACKGROUND WITH WHITE LETTERS. EMERGENCY PANELS SHALL HAVE RED BACKGROUND WITH WHITE LETTERS.
  - UTILIZE SELF ADHESIVE TYPE LAMACCID PLATE FOR ALL AREAS, EXCEPT UTILIZE SCREW-ON TYPE IN ALL MECHANICAL ROOMS.

LIGHTING CONTROL CONTACTOR CABINET (LOCATE IN ELEC. ROOM). PROVIDE WITH NUMBER OF 20A CONTACTS AS REQUIRED AND A 120V CONTROL COIL IN A NEMA-12 ENCLOSURE. ASCD #917 SERIES.

**TYPICAL EQUIPMENT NAMEPLATE DETAIL**

NO SCALE

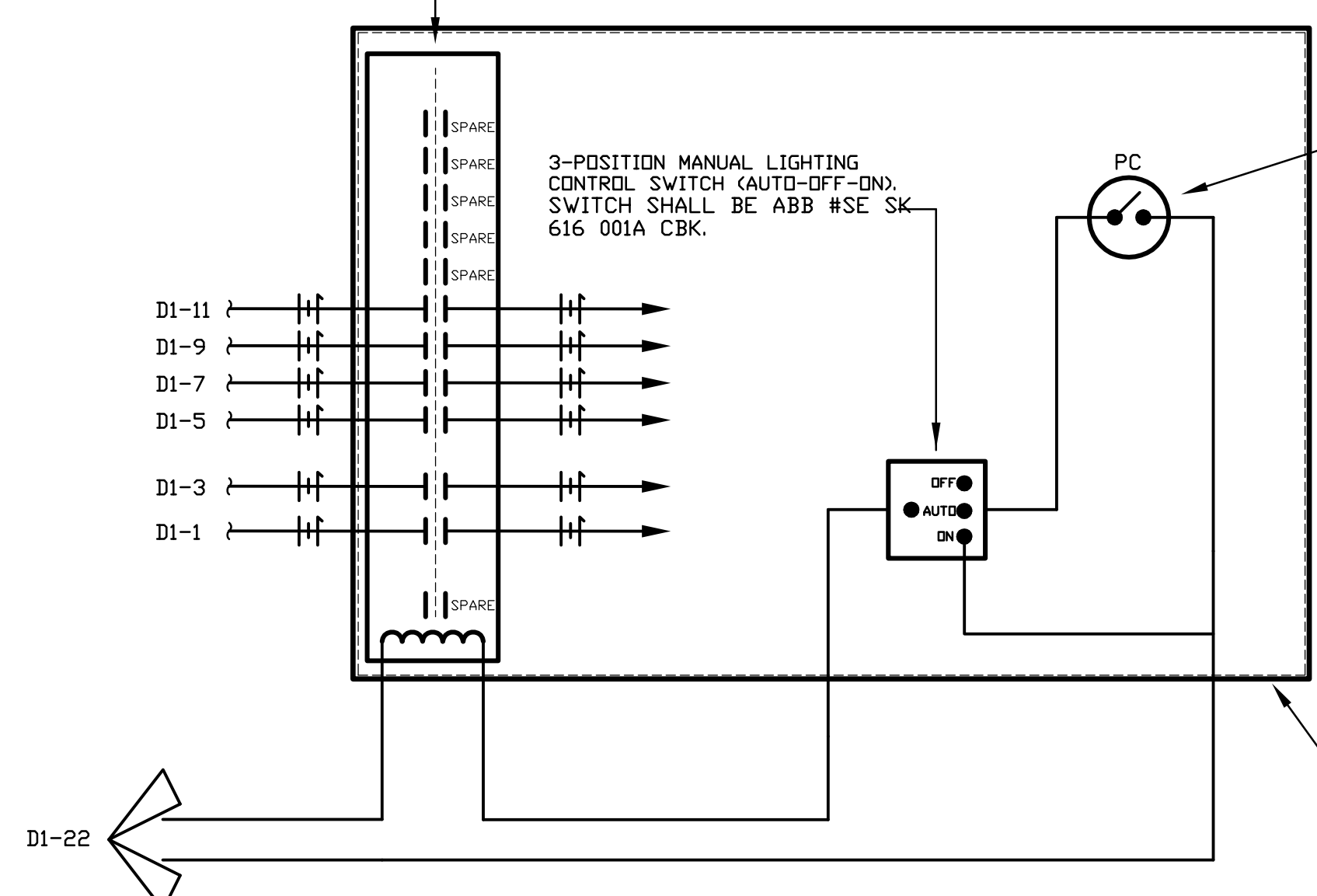


PHOTO-CELL TO AUTOMATICALLY TURN LIGHTS ON. MOUNT UNDER CANOPY. PHOTO-CELL SHALL BE PARAGON #CV SERIES OR EQUAL.

UNIT SHALL BE MOUNTED IN A NEMA-12 ENCLOSURE IN ELECTRICAL ROOM AS INDICATED. UNIT SHALL BE ASCD #641-S.

**NEW 120/208V/3PH/4W NORMAL POWER PANEL "B"**  
AS SCHEDULED

**NEW 120/208V/3PH/4W 800A MAIN DISTRIBUTION PANEL "MDP"**  
AS SCHEDULED

**NEW 120/208V/3PH/4W NORMAL POWER PANEL "D"**  
AS SCHEDULED

**NEW 120/208V/3PH/4W NORMAL POWER PANEL "C"**  
AS SCHEDULED

**INTERIOR LIGHTING CONTACTOR**

COORDINATE WITH SITE PLAN UTILITY CO. SERVICE TRANSFORMER

FULL INSULATED NEUTRAL & SEPARATE GROUND BAR

**100A/3P FUEL CONTACTOR SWITCH NEUTRAL**

**NEW 120/208/1PH NORMAL POWER PANEL "A"**  
AS SCHEDULED

SWEEP ELL TURNS (TYPICAL FOR ALL UNDERGROUND FEEDERS)

COORDINATE EXACT SECONDARY ROUTING, OVERHEAD OR UNDERGROUND WITH UTILITY COMPANY

SERVICE GROUND ELECTRODE - PROVIDE PER NEC CHAPTER 250

TO COLD WATER LINE AND STRUCTURE

TO ALL TELECOM ROOM GROUND BARS AT TEL BOARDS

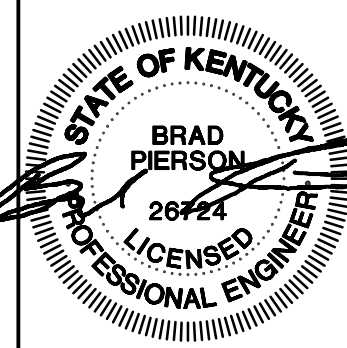
**01 POWER DISTRIBUTION RISER DIAGRAM**

NO SCALE

**AUTOMATIC LIGHTING CONTROL SCHEMATIC**

NO SCALE

PROJECT NO:  
21-4154  
DRAWN BY:  
BMP  
DATE:  
04/23/2021



**KEYES ARCHITECTS & ASSOCIATES**  
4717 PRESTON HIGHWAY  
LOUISVILLE, KENTUCKY 40213 (502) 636-5113

**NEWCOMB OIL CO., LLC.**  
511 NORTH WALLACE WILKINSON BLVD.  
LIBERTY, KY 42539

ELECTRICAL RISER DIAGRAM

E4.00

