

# 7 BREW COFFEE BRYANT, AR #2

24198 7BBA2

AUGUST 15, 2024

PERMIT SET

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## BUILDING CODE INFORMATION

AUTHORITY HAVING JURISDICTION: CITY OF BRYANT  
 APPLICABLE BUILDING CODES: 2021 ARKANSAS FIRE PREVENTION CODE - BUILDING, 2020 NEC, 2012 IEBC, 2009 IECC  
 CURRENT ZONING: C-2, COMMERCIAL  
 USE GROUPS: B, BUSINESS  
 CONSTRUCTION TYPE: V-8  
 BUILDING LIMITATIONS:  
 ALLOWABLE HEIGHT: 2 STORIES (BASED ON B USE GROUP, IBC 2021, 504.4)  
 ALLOWABLE AREA: 9,000 S.F. (BASED ON B USE GROUP, IBC 2021, 506.2)  
 ACTUAL AREAS: 610 S.F. SERVICE AREA  
 OTHER CODE ITEMS: SEE EGRESS PLAN FOR ADDITIONAL ITEMS

## PROJECT DESCRIPTION

INFILL OF AN EXISTING RESTAURANT TO CONVERT IT INTO A 7 BREW COFFEE PLACE. COFFEE, TEA AND ENERGY DRINKS ARE SERVED TO CUSTOMERS VIA DRIVE-THRU LANES. AN INTERIOR ORDERING AREA IS PROVIDED. DRINK ITEMS ARE THE ONLY ITEMS OFFERED ON THE MENU.

## CANOPY & STAINLESS SUPPLIER



DREW RODIGER  
PROJECT MANAGER  
C: 417-425-4546  
E: DREW@CMCMOD.COM

LEE LOVEALL  
OWNER/DESIGN CONSULTANT  
C: 417-353-1865  
E: LEE@CMCMOD.COM

## 7 BREW DEVELOPMENT TEAM



BREW CREW, LLC  
 SCOTT MURRY  
DIRECTOR OF CONSTRUCTION  
C: 479-445-3533  
E: SCOTT@7BREWCREW.COM

## CONSULTANTS

### CIVIL ENGINEER:



1550 E. REPUBLIC RD.  
SPRINGFIELD, MO 65804  
(417) 888-0645

### STRUCTURAL ENGINEER:



3045 S. KANSAS EXPY.,  
SPRINGFIELD, MO 65807  
(417) 708-9315

engineering consultants

### MECHANICAL, ELECTRICAL, PLUMBING ENGINEER:

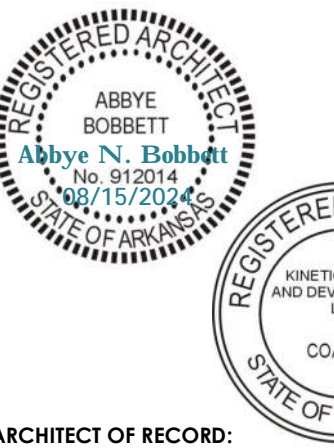


2225 WEST CHESTERFIELD BOULEVARD, SUITE  
200 SPRINGFIELD, MO 65807  
(417) 877-1700

Engineering | Energy | Innovation



FIRM LICENSE NO. 24353



ARCHITECT OF RECORD:  
NAME: ABBYE BOBBETT  
LICENSE NO. 77051

PROJECT NUMBER: 24198 7BBA2  
REVISION:

## SCOPE OF WORK SCHEDULE

CONSTRUCTION ITEM	RESPONSIBLE PARTY
EQUIPMENT LISTED IN EQUIPMENT SCHEDULE	OWNER PROVIDED, OWNER VENDOR INSTALLED (EXCEPT EQ-9)
SITE WORK INCLUDING BUT NOT LIMITED TO GRADING, PAVING, LANDSCAPING AND UTILITY EXTENSION TO BUILDING LOCATION.	GC
SITE AND FOUNDATION RELATED INSPECTIONS	GC
SITE LIGHTING	GC PROVIDED, GC INSTALLED.
SITE SIGNAGE	GC TO PROVIDE ELECTRICAL AND FOUNDATIONS. OWNER VENDOR TO PROVIDE SIGNS AND INSTALL.
SITE ELECTRICAL, PLUMBING AND MECHANICAL CONNECTIONS	GC
INSTALLATION OF MECHANICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO DUCTWORK, RTUS, AHUS, GRILLES, ETC.	GC
INTERIOR CLADDING AND FINISHES	GC
PLUMBING FIXTURES INSIDE OR TOUCHING THE BUILDING	GC
LIGHTING FIXTURES (EXCEPT SITE LIGHTING)	GC
COUNTERTOPS/TABLES	CMC, MANUFACTURE AND DELIVER
BUILDING SIGNAGE	CMC, DELIVER AND INSTALL
SLIDING DOORS	PROVIDED BY CMC, GC INSTALLED
TRASH ENCLOSURE GATES, HINGES/CLAMPS TO BOLLARDS, AND THEIR INSTALLATION.	CMC, COMPLETED ON SITE
CANOPIES	CMC, DELIVER AND INSTALL
LOW VOLTAGE EQUIPMENT	REFER TO SYSTEMS PLAN KEYNOTES



VICINITY MAP

7 BREW COFFEE  
**BRYANT, AR #2**  
 2006 N REYNOLDS ROAD  
 BRYANT, AR 72022

**GO.0**  
COVER SHEET

DATE: AUGUST 15, 2024



SITE DEVELOPMENT PLANS FOR



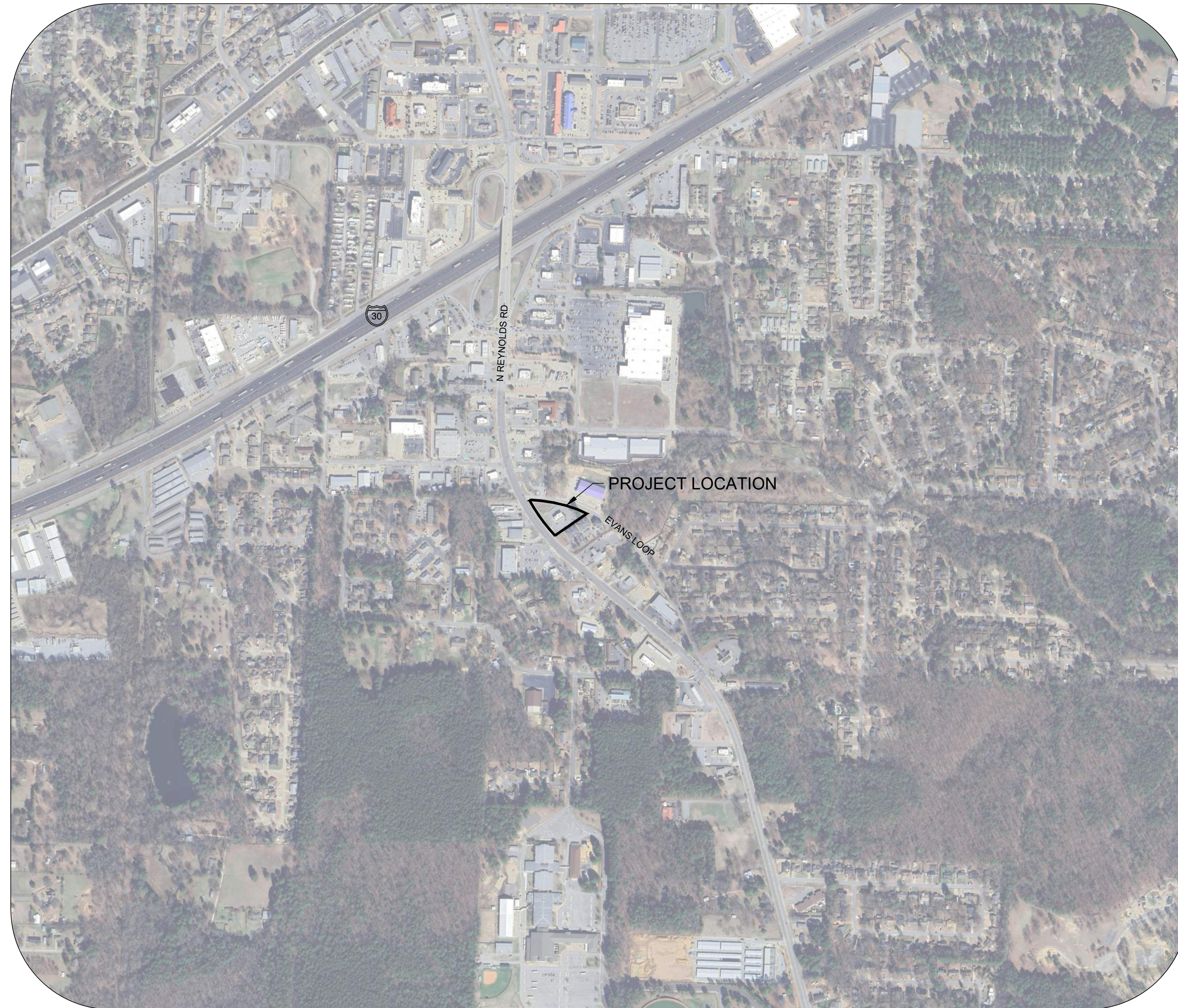
BRYANT, AR

2006 NORTH REYNOLDS ROAD  
BRYANT, AR

PROJECT NUMBER:  
85 081

SHEET INDEX

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DETAILS	C7.2



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NOTE: DRAWING REPRODUCTION  
AND SCALING MAY CHANGE THE  
INDICATED GRAPHIC SCALES  
H. SCALE: 1" = 500'



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Ph: 417-888-0645 Fax: 417-888-0657  
www.tothassociates.com

AR# 1008  
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ENGINEER OF RECORD:  
NAME: SHAWN W. BARRY  
LICENSE NO. AR #PE-16815

PROJECT NUMBER:  
85 081

REVISION:

7 BREW COFFEE  
BRYANT, AR

2006 NORTH REYNOLDS ROAD  
BRYANT, AR

C0.0  
COVER SHEET

DATE: AUGUST 15, 2024

ABBREVIATIONS

Table with 3 columns: Abbreviation, Description, and Symbol. Includes items like BC (Back of Curb), CC (Standard Catch Curb), CL (Center Line), etc.

CIVIL LEGENDS

SYMBOLS

Table with 3 columns: Symbol, Description, and Abbreviation. Includes Marker Stone, Right of Way Marker, Iron Pin Found, etc.

LINETYPES

Table with 3 columns: Linetype, Description, and Abbreviation. Includes Property Line, Right of Way Line, Sanitary Sewer Line, etc.

PROJECT CONTROL

BENCHMARKS

CONTROL DERIVED FROM OPUS SOLUTION, ARKANSAS STATE PLANE COORDINATE SYSTEM, AR-SF ZONE, NAD 83 FOR HORIZONTAL VALUES AND NAVD88 FOR VERTICAL VALUES.

SURVEY NOTES:

THE BOUNDARY LINES SHOWN HEREON ARE BASED ON A SURVEY PERFORMED JULY 6, 2024 BY HOPE CONSULTING, ARKANSAS PROFESSIONAL LAND SURVEYOR NO. 1664 AND IS NOT A PRODUCT OF TOTH & ASSOCIATES.

CONTROL POINT TABLE

Table with 5 columns: Point Number, Northing, Easting, Elevation, and Description. Lists control points CP 5000 through CP 5107.

FLOOD PLAIN INFORMATION:

FEMA PANEL #: 05125C0380E - EFFECTIVE DATE: 6/5/2020
FEMA ZONE - X: THE SUBJECT PROPERTY IS NOT WITHIN THE 100 YEAR FLOOD ZONE.

DEVELOPER:

BREW CREW, LLC
MR. BRANDON SEBALD
3538 N HWY 112, STE 1
FAYETTEVILLE, AR 72704
914-384-1998

OWNER:

HB SEMINOLE, LLC
2006 REYNOLDS ROAD
BRYANT, ARKANSAS 72022



ENGINEER OF RECORD:
NAME: SHAWN W. BARRY
LICENSE NO. AR #PE-16615

PROJECT NUMBER:
85 081

REVISION:

GENERAL CIVIL NOTES

- 1. THE GENERAL NOTES ON THE DRAWINGS ARE INTENDED TO SUPPLEMENT THE GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS...
2. CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THESE DRAWINGS...
3. ALL TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)...

DEMOLITION NOTES

JOB CONDITIONS

- 1. THE OWNER ASSUMES NO RESPONSIBILITY FOR THE ACTUAL CONDITION OF ANY STRUCTURES TO BE DEMOLISHED.
2. ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED FROM THE PROJECT SITE AT THE APPROVAL OF THE OWNER...

DEMOLITION

- 1. POLLUTION CONTROLS: USE WATER SPRINKLING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN AIR...
2. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT AND DEBRIS CAUSED BY DEMOLITION OPERATIONS...

DISPOSAL OF DEMOLISHED MATERIALS

- 1. REMOVE FROM SITE ACCUMULATED VEGETATION, DEBRIS, RUBBISH AND OTHER MATERIAL RESULTING FROM THE DEMOLITION OPERATION.
2. BURNINGS OF COMBUSTIBLE MATERIALS FROM DEMOLISHED STRUCTURES AND VEGETATION WILL NOT BE PERMITTED ON SITE.

PROTECTION OF EXISTING STRUCTURES AND VEGETATION

- 1. CONTRACTOR SHALL INSTALL 6" STEEL FENCE POSTS, DRIVEN 18" INTO THE GROUND, AT 10' ON CENTER AT TREE DRIP LINES AND INSTALL 4" TEXAS ORANGE WARNING BARRIER OR EQUAL, ATTACHED AS RECOMMENDED BY THE MANUFACTURER...

SEDIMENT & EROSION CONTROL NOTES

- 1. THE EROSION CONTROL PLAN SHOWS THE LOCATION AND DETAILS FOR PRIMARY EROSION CONTROLS TO BE CONSTRUCTED. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING EROSION AND DISCHARGE OF SEDIMENT FROM THE SITE AT ALL TIMES DURING CONSTRUCTION...
2. INITIAL SEDIMENT CONTROLS SHOWN ON THE EROSION CONTROL PLAN MUST BE INSTALLED PRIOR TO ANY OTHER WORK.

UTILITY CONSTRUCTION NOTES

- 1. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL THE STATE'S UTILITY LOCATE PHONE NUMBER AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES...
2. ALL TRENCHES CROSSING PAVED AREAS OR AREAS TO BE PAVED SHALL BE BACKFILLED FULL DEPTH WITH COMPACTED BEDDING MATERIAL IN CONFORMANCE WITH PROJECT DETAILS AND SPECIFICATIONS.

SITE GRADING NOTES

- 1. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL UTILITIES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL THE STATE'S UTILITY LOCATE PHONE NUMBER AND COORDINATE FIELD LOCATION OF EXISTING UNDERGROUND UTILITIES...
2. CONTRACTOR SHALL STRIP THE TOPSOIL FROM ALL AREAS TO BE DISTURBED AND STOCKPILE IT IN A LOCATION CHOSEN BY THE OWNER PRIOR TO BEGINNING SITE GRADING...
3. SEDIMENT AND EROSION CONTROLS IN CONFORMANCE WITH THE EROSION CONTROL PLAN AND THE APPLICABLE SPECIFICATIONS SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF SITE GRADING ACTIVITIES.

SAFETY NOTICE TO CONTRACTOR

- 1. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK...
2. THE DUTY OF THE ENGINEER OR OWNER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES...

UTILITY DISCLAIMER

- 1. INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

USE OF CONSTRUCTION DOCUMENTS

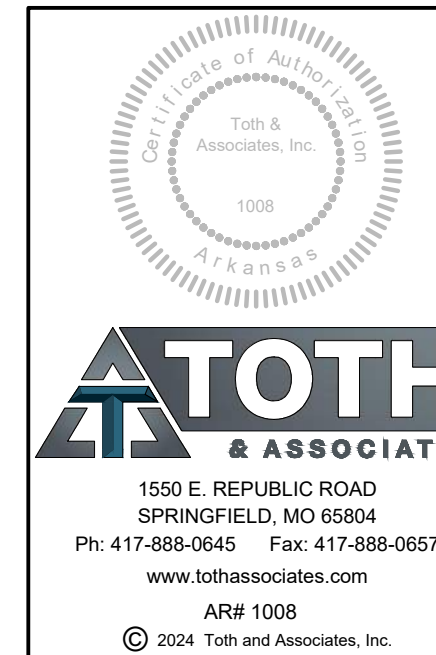
- 1. DRAWINGS AND SPECIFICATIONS ARE PROVIDED AS A SERVICE. DRAWINGS AND SPECIFICATIONS ARE NOT INTENDED FOR USE ON OTHER PROJECTS AT THIS SITE OR OTHER SITES WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
2. DRAWING REPRODUCTION AND SCALING MAY ALTER THE INDICATED GRAPHIC SCALES.

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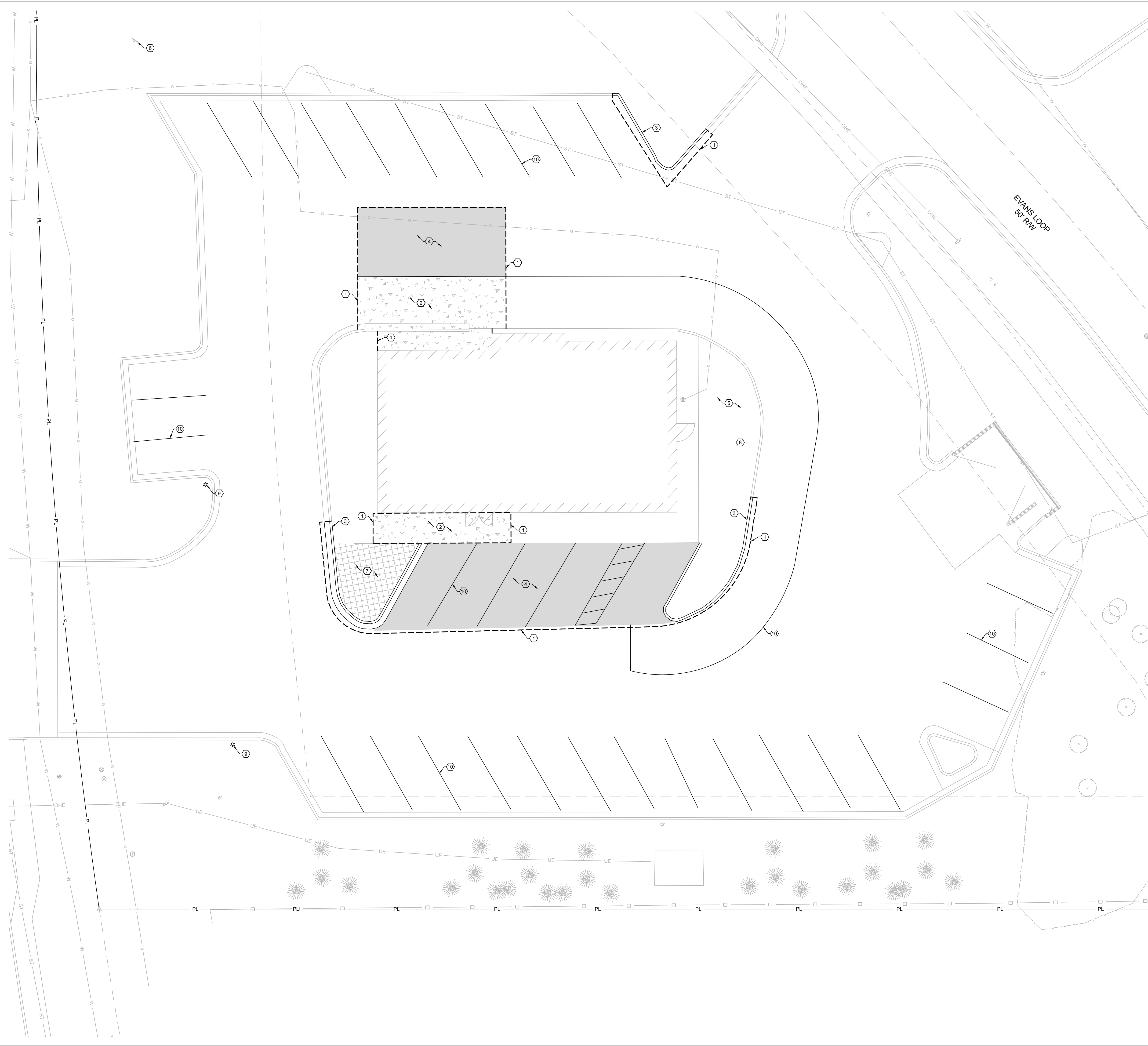


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GENERAL NOTES

DATE: AUGUST 15, 2024

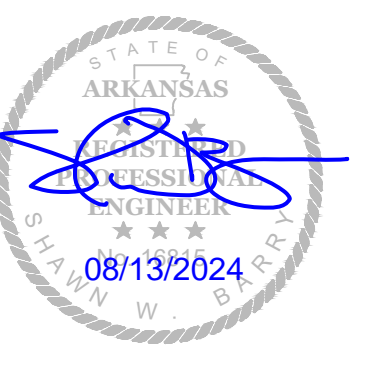


**HATCH LEGEND:**

- = ASPHALT AREA TO BE REMOVED.
- = CONCRETE AREA TO BE REMOVED.
- = LANDSCAPE SHRUBS & TREES TO BE REMOVED.

**KEY NOTES:**

- ① SAW CUT CLEAN EDGE FOR PAVEMENT REMOVAL. PROTECT EDGE OF PAVEMENT DURING CONSTRUCTION.
- ② REMOVE 700 S.F. ± OF CONCRETE.
- ③ REMOVE 135 L.F. ± OF CONCRETE CURB.
- ④ REMOVE 1651 S.F. ± OF ASPHALT PAVEMENT.
- ⑤ EXISTING LANDSCAPING. DO NOT DISTURB.
- ⑥ REMOVE EXISTING SIGN FACE, PYLON AND FOUNDATION TO REMAIN FOR REUSE.
- ⑦ REMOVE 222 S.F. EXISTING LANDSCAPING.
- ⑧ REMOVE EXISTING MENU BOARD AND INTERCOM.
- ⑨ REMOVE EXISTING LIGHT POLE.
- ⑩ REMOVE EXISTING STRIPING, TYPICAL.

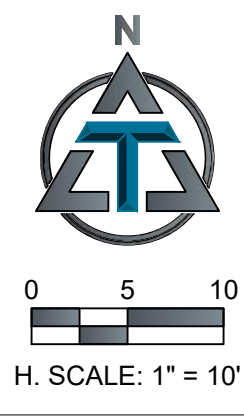


ENGINEER OF RECORD:  
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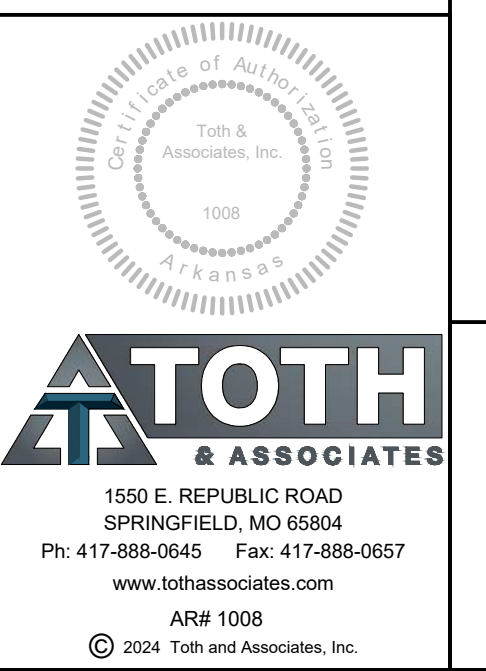
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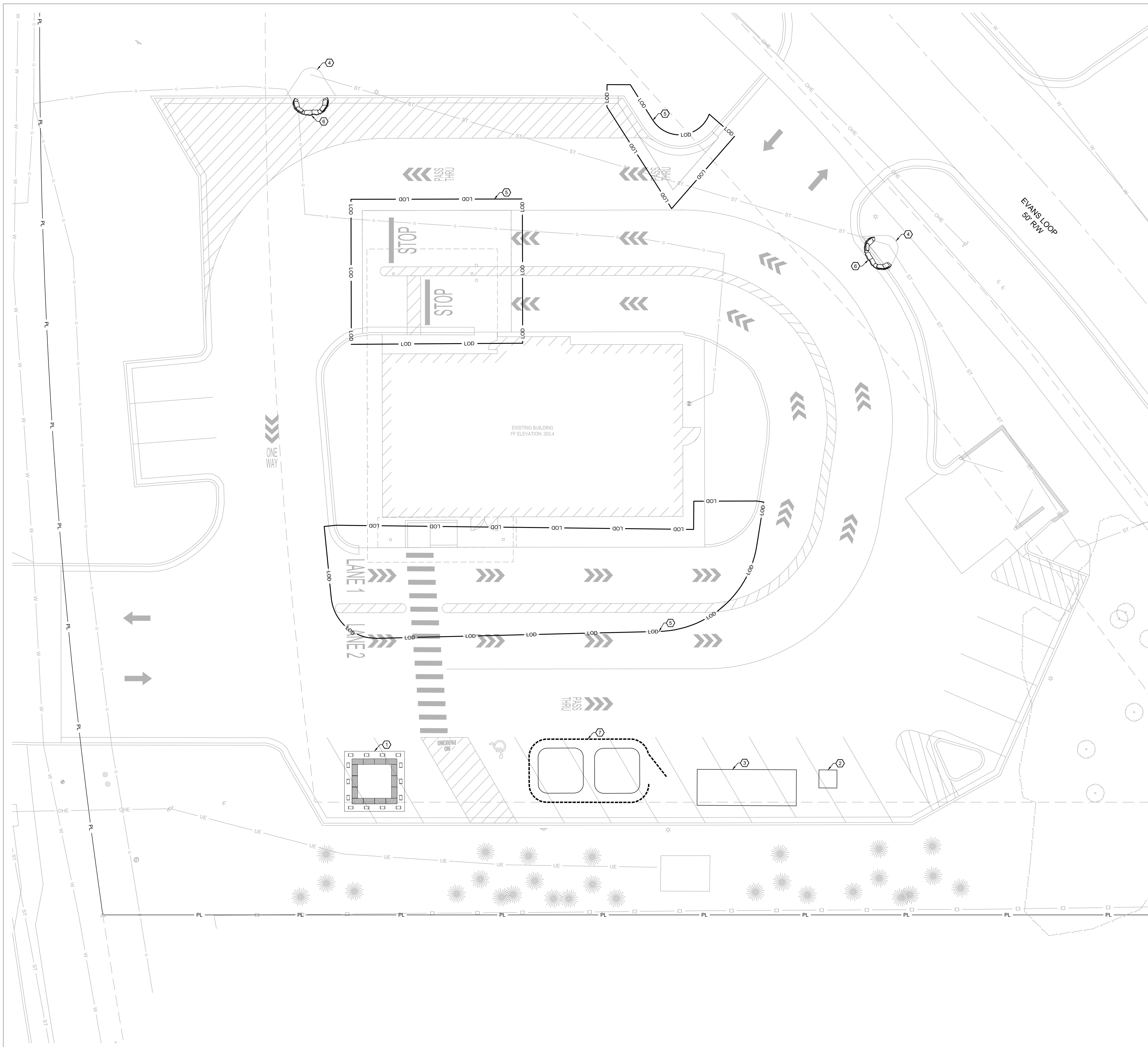


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**C1.1**  
 DEMOLITION PLAN

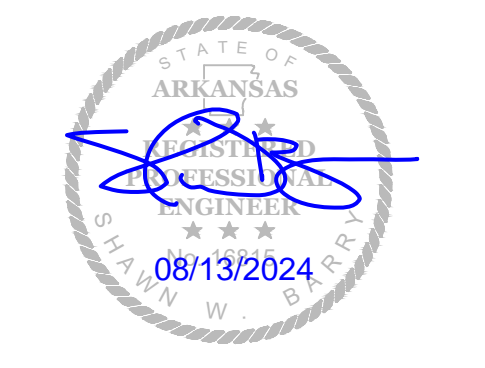
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- KEY NOTES:**
- ① APPROXIMATE LOCATION OF CONCRETE WASHOUT PER DETAIL 1.03 SHEET C7.1.
  - ② APPROXIMATE LOCATION OF PORTABLE RESTROOM.
  - ③ APPROXIMATE LOCATION OF TEMPORARY ROLL-OFF DUMPSTER.
  - ④ PROPOSED OUTFALL.
  - ⑤ LIMITS OF DISTURBANCE = 0.08 ACRES.
  - ⑥ CURB INLET SEDIMENT BARRIER PROTECTION PER DETAIL 1.04 SHEET C7.2.
  - ⑦ APPROXIMATE LOCATION OF SOIL STOCKPILES. PROTECT STOCKPILES WITH COMPOST FILTER SOCK.

**PHASING TABLE:**

PHASE	CONSTRUCTION ACTIVITIES	BEST MANAGEMENT PRACTICES INSTALLED
PHASE 1 (PRE - CONSTRUCTION)	INSTALLATION OF PRE-CON BMPs	- TREE PROTECTION - CONSTRUCTION ENTRANCE - PERIMETER CONTROL (SILT SOCK)
PHASE 2	CLEARING	- RETAIN TOPSOIL - STOCK PILE PROTECTION - DEWATERING - DUST CONTROL
PHASE 3	CONSTRUCTION	- CONCRETE WASHOUT PIT - CONSTRUCTION ENTRANCE - TEMPORARY SEEDING
PHASE 4 (FINAL STABILIZATION)	FINAL STABILIZATION OF ALL DISTURBED AREAS	- HYDROSEED - RIP RAP PLACEMENT - SEED / STRAW

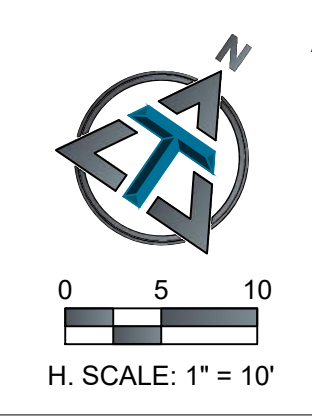


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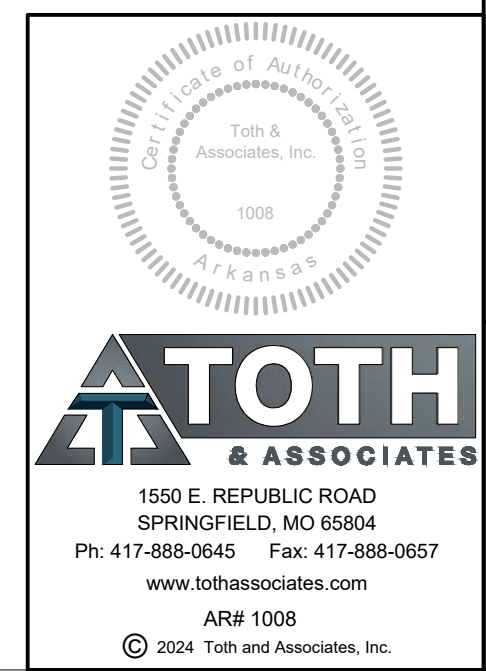
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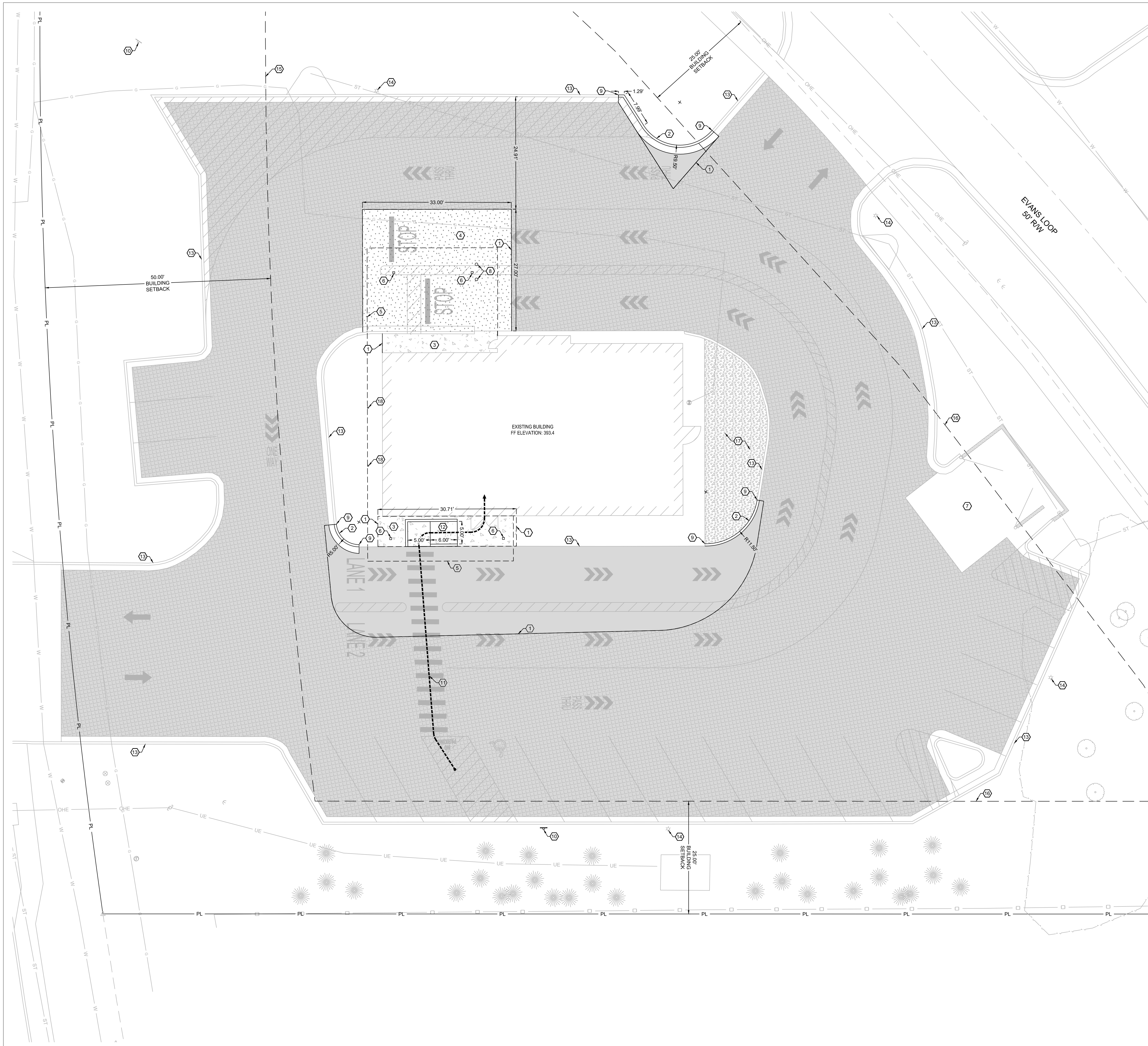
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**C1.2**  
 EROSION CONTROL PLAN  
 DATE: AUGUST 15, 2024



**HATCH LEGEND:**

- = ASPHALT PAVEMENT PER DETAIL 2.06 SHEET C7.1.
- = ASPHALT SEAL COAT OVER EXISTING PAVEMENT, PER MANUFACTURERS RECOMMENDATIONS.
- = CONCRETE SIDEWALK PER SIDEWALK DETAIL 2.02 SHEET C7.1.
- = CONCRETE PAVEMENT PER CONCRETE PAVEMENT DETAIL 2.03 AND 2.05 SHEET C7.1.
- = EXISTING LANDSCAPING.

**KEY NOTES:**

- 1 MATCH EXISTING PAVEMENT.
- 2 CONCRETE CURB & GUTTER PER DETAIL 2.01 SHEET C7.1.
- 3 SIDEWALK PER DETAIL 2.02 SHEET C7.1.
- 4 CONCRETE PAVEMENT PER CONCRETE PAVEMENT DETAILS 2.03 & 2.05 SHEET C7.1.
- 5 BUILDING CANOPY OUTLINE.
- 6 CANOPY COLUMNS LOCATIONS, TYPICAL.
- 7 EXISTING TRASH ENCLOSURE AND NEW GATE.
- 8 36" X 4.5" BOLT-DOWN STEEL PIPE SAFETY BOLLARD.
- 9 CONNECT TO EXISTING CURB.
- 10 SIGN, SEE SHEET C6.1.
- 11 ACCESSIBLE PATH FROM PARKING TO BUILDING.
- 12 TYPE 2 ADA CURB RAMP PER DETAIL 2.12 SHEET C7.2.
- 13 EXISTING CURB AND GUTTER, DO NOT DISTURB.
- 14 EXISTING LIGHT POLE, TO REMAIN.
- 15 50 FOOT BUILDING SETBACK LINE.
- 16 25 FOOT BUILDING SETBACK LINE.
- 17 EXISTING LANDSCAPING TO REMAIN, PROTECT AS NEEDED, REMOVE AND REPLACE LANDSCAPING WITH LIKE SPECIES AS NECESSARY FOR MENU BOARD DEMOLITION.
- 18 CANOPY COLUMN TO BE FASTENED TO EXISTING SITE CONCRETE. CONTRACTOR TO FIELD VERIFY LOCATION DURING CONSTRUCTION.

**PROPOSED USE:**

RESTAURANT WITH DRIVE THRU.

**ZONING:**

ZONING: C-2 HIGHWAY COMMERCIAL DISTRICT.

**PARKING REQUIREMENTS:**

1 SPACE PER 300 S.F.  
 REQUIRED = 8 SPACES AT 2,400 S.F.  
 PROVIDED = 19 STALLS, 18 STANDARD AND 1 ADA.

**BUILDING AND LOT DATA:**

LOT SIZE 56,688 S.F. = 1.30 ACRES  
 PROJECT FOOTPRINT 3,448 S.F. = 0.08 ACRES  
 EXISTING BUILDING (1 STORY) - RETAIL = 2,400 S.F.

**QUANTITIES**

CURB & GUTTER: 75 L.F.  
 ASPHALT PAVEMENT: 1,795 S.F.  
 ASPHALT SEAL COAT: 19,395 S.F.  
 8" CONCRETE PAVEMENT: 910 S.F.  
 4" CONCRETE SIDEWALK: 305 S.F.

**KNOWN EXISTING UTILITIES**

UTILITY	UTILITY	PHONE NUMBER
ELECTRIC	FIRST ELECTRIC COOPERATIVE	800-489-7405
WATER	CITY OF BRYANT	501-943-0441
SANITARY SEWER	CITY OF BRYANT	501-943-0441



ENGINEER OF RECORD:

NAME: SHAWN W. BARRY

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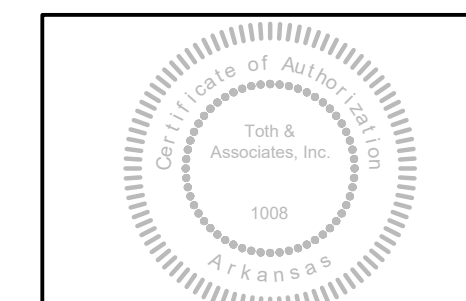
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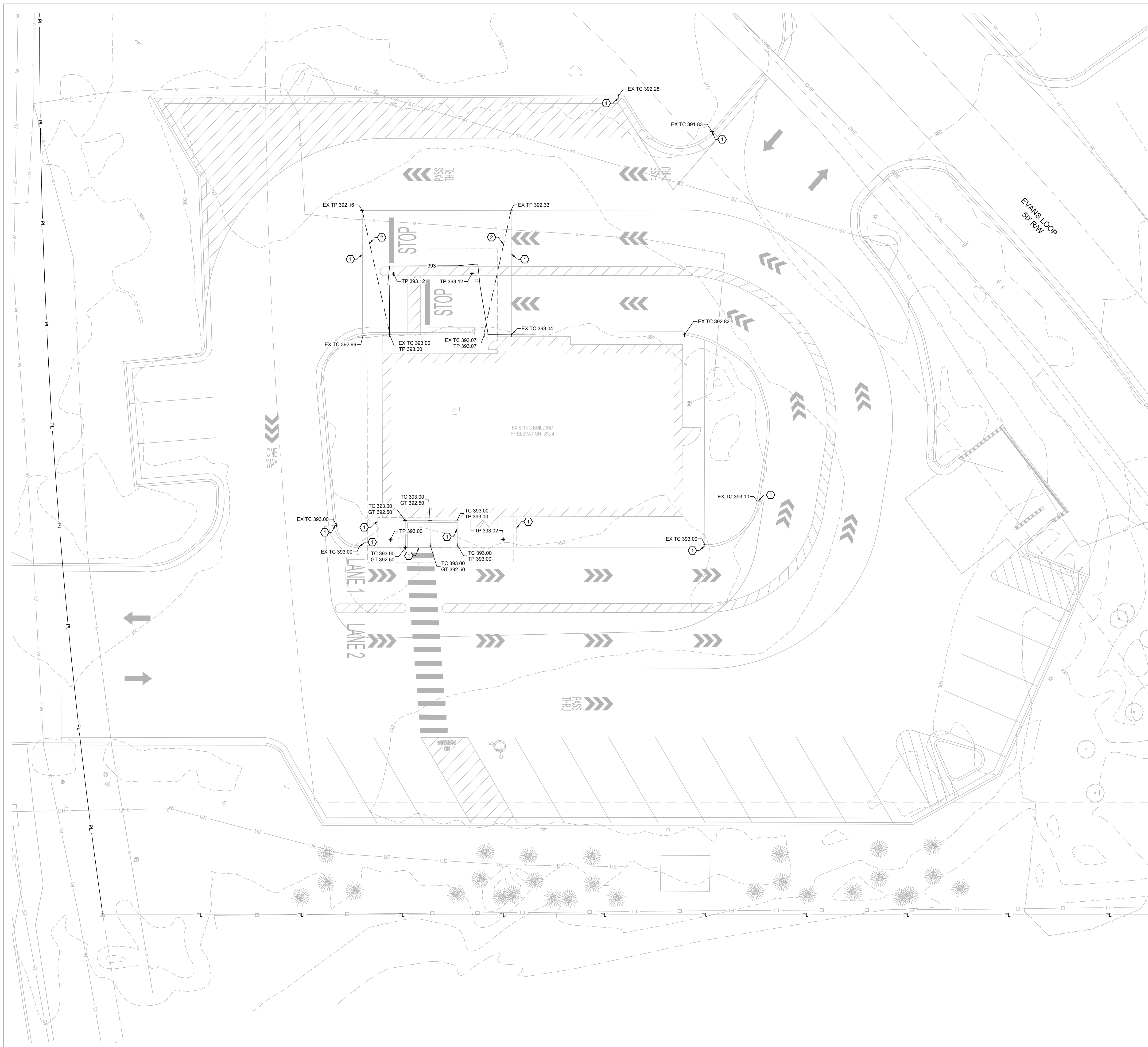
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C 2.1  
 SITE PLAN

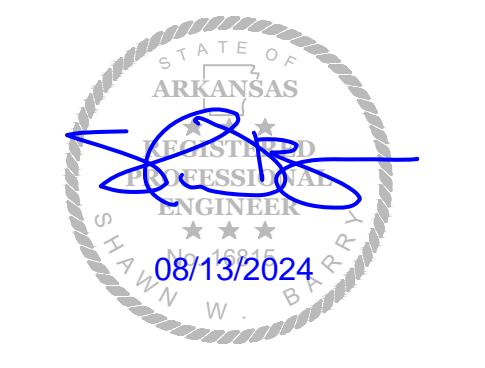
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- KEY NOTES:**
- ① MATCH EXISTING ELEVATION.
  - ② CENTERLINE OF GRADE BREAK IN PAVEMENT.

**ABBREVIATIONS**

BC	BACK OF CURB
CC	STANDARD CATCH CURB
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
EP	EDGE OF PAVEMENT
FES	FLARED END SECTION
FL	FLOW LINE
GT	GUTTER INVERT
GY	GUY WIRE
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
LF	LINEAR FEET
MC	MOUNTABLE CURB
PVC	POLYVINYL CHLORIDE PIPE
RW	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
SC	SPILL CURB
TB	TOP OF BASE ROCK
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF SIDEWALK
TW	TOP OF WALL
EX TP	EXISTING TOP OF PAVEMENT
EX TS	EXISTING TOP OF SIDEWALK
→	DIRECTION OF SHEET FLOW

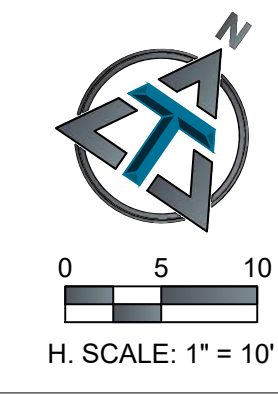


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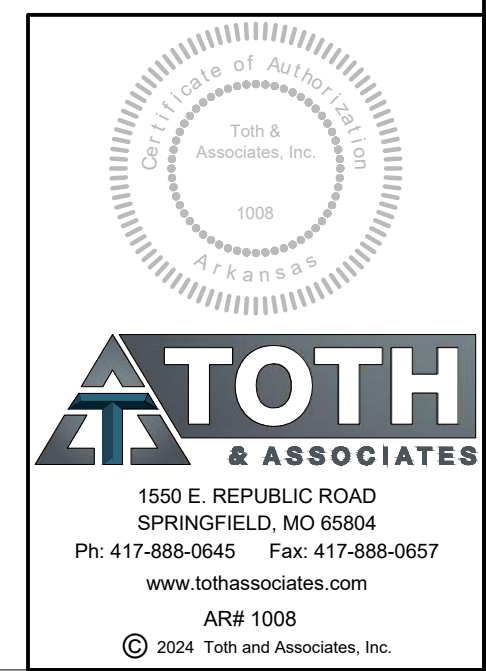
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 2006 NORTH REYNOLDS ROAD  
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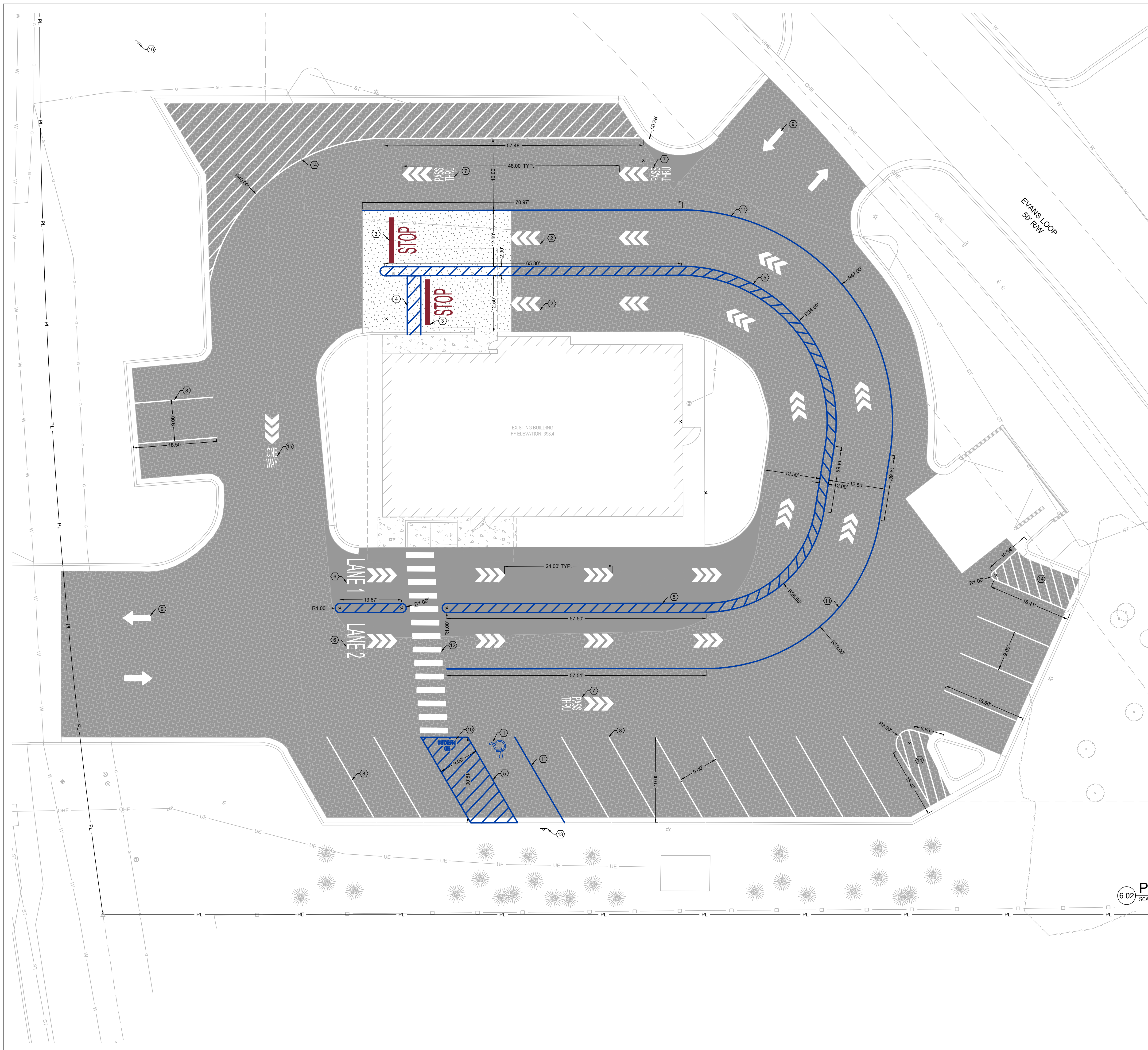


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**C3.1**  
 GRADING PLAN  
 DATE: AUGUST 15, 2024

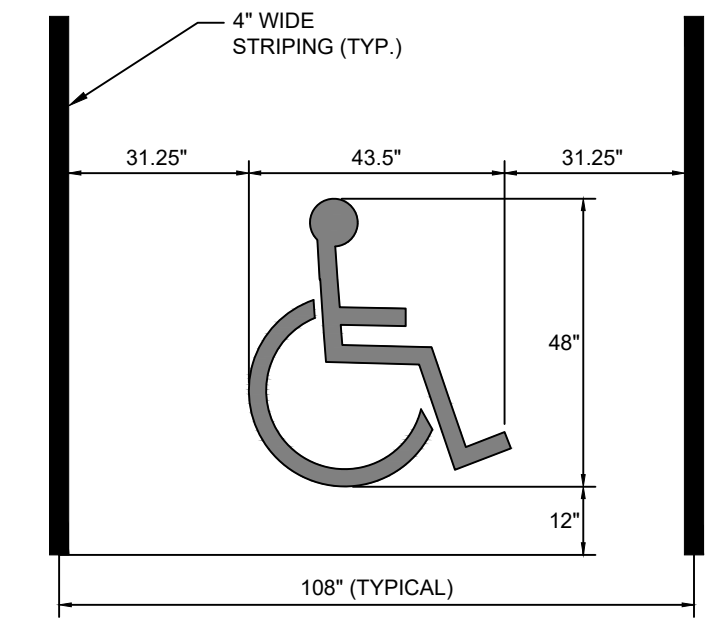




**HATCH LEGEND:**

- ASPHALT PAVEMENT PER DETAIL 2.06 SHEET C7.1.
- ASPHALT SEAL COAT OVER EXISTING PAVEMENT, PER MANUFACTURERS RECOMMENDATIONS.
- CONCRETE SIDEWALK PER SIDEWALK DETAIL 2.02 SHEET C7.1.
- CONCRETE PAVEMENT PER CONCRETE PAVEMENT DETAIL 2.03 AND 2.05 SHEET C7.1.

- KEY NOTES:**
- BLUE PAINTED ADA ACCESSIBLE PARKING SYMBOL PER DETAIL 6.01 THIS SHEET.
  - SOLID WHITE TRIPLE ARROW PAVEMENT MARKER, PER DETAIL 6.02 THIS SHEET.
  - 12" SOLID RED STOP BAR WITH 48-INCH TALL "STOP" TEXT PAINTED IN RED.
  - ALIGN 4" SOLID BLUE CROSS WALK MARKER WITH SLIDING DOOR PANEL AT FRONT OPENING.
  - 4-INCH SOLID BLUE PAVEMENT MARKER, TYPICAL. MIDLINES SPACE AT 24" O.C.
  - 48-INCH TALL "LANE # PAINTED IN WHITE.
  - 24-INCH TALL "PASS THRU" PAINTED IN WHITE.
  - 4-INCH SOLID WHITE PAVEMENT MARKER FOR PARKING, TYPICAL.
  - SOLID WHITE DIRECTIONAL ARROW PAVEMENT MARKING.
  - "NO PARKING" PAINTED IN ACCESS AISLE. ALL CAPITAL LETTERS < 12-INCH HEIGHT LETTERS, 2-INCH STROKE.
  - 4-INCH SOLID BLUE PAVEMENT MARKER.
  - CROSS WALK PAVEMENT MARKING, 12" WIDE BY 6' LONG SOLID WHITE PAINT SPACED EVERY 3'. ORIENT THE STRIPES IN THE DIRECTION SHOWN PARALLEL TO THE DIRECTION OF TRAFFIC.
  - ADA VAN ACCESSIBLE SIGN PER DETAIL 6.03 SHEET C7.1.
  - 4-INCH SOLID WHITE PAVEMENT MARKER, TYPICAL. MIDLINES SPACE AT 24" O.C.
  - 24-INCH TALL "ONE WAY" PAINTED IN WHITE.
  - REPLACE SIGN FACE OF EXISTING PYLON SIGN.



**6.01 ADA ACCESSIBLE PARKING SYMBOL**  
SCALE: NONE

**6.02 PARKING LOT STRIPING COLORS & PAINT**  
SCALE: NONE

**PARKING LOT STRIPING COLORS & PAINT**

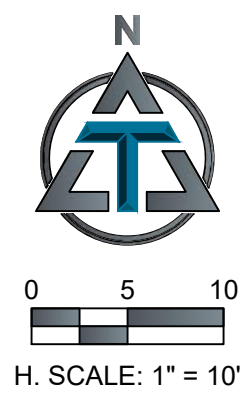
**ASPHALT PAINT COLORS:**  
 WHITE PANTONE 000C  
 BLUE PANTONE 293

**CONCRETE PAINT COLORS:**  
 RED PANTONE 202  
 BLUE PANTONE 293

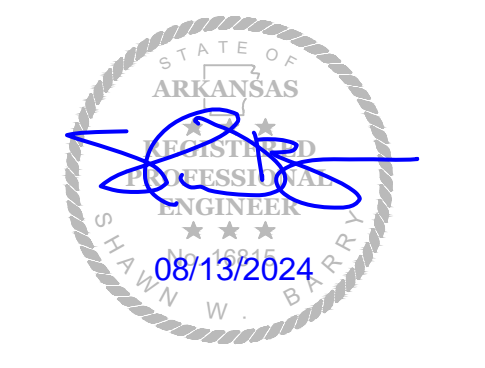
**PMS 000C**  
 R: 255  
 G: 255  
 B: 255  
 HEX: FFFFFF

**PMS 293**  
 R: 0  
 G: 61  
 B: 165  
 HEX: 003DA5

**PMS 202**  
 R: 138  
 G: 36  
 B: 50  
 HEX: 8A2432



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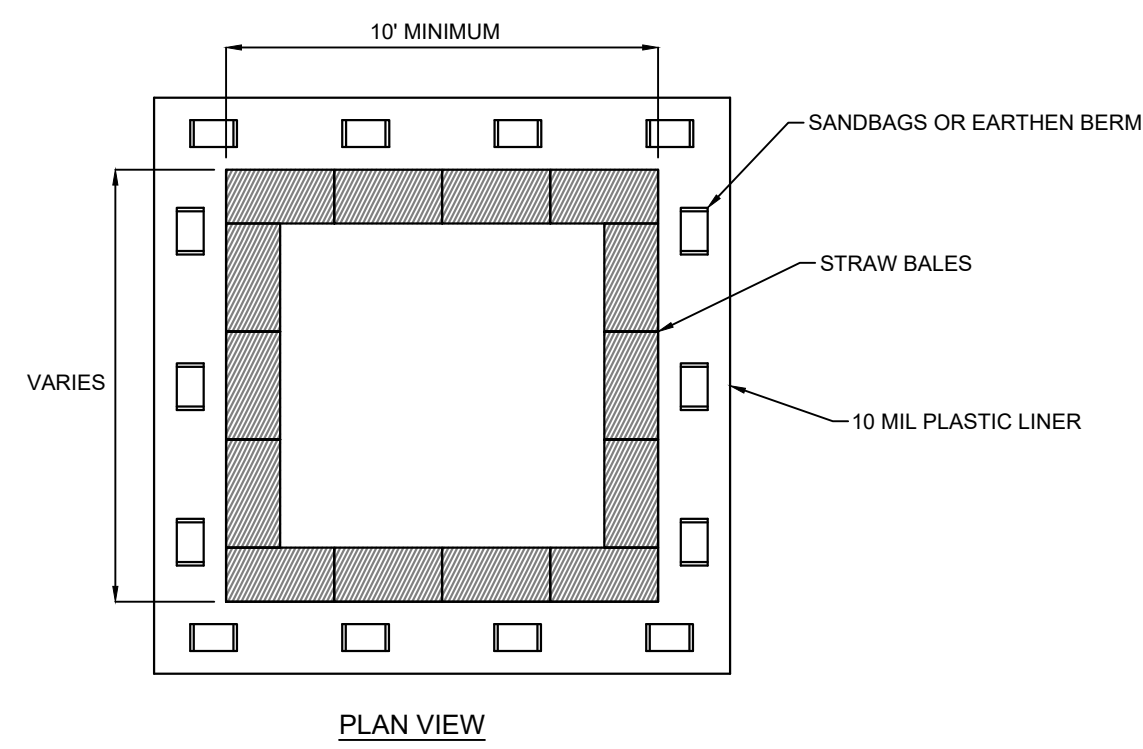
ENGINEER OF RECORD:  
 NAME: SHAWN W. BARRY  
 LICENSE NO. AR #PE-16815

PROJECT NUMBER:  
 85 081

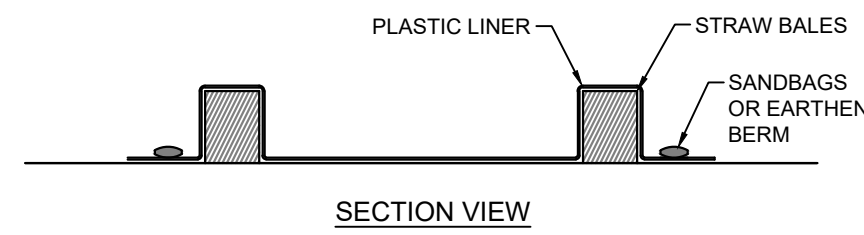
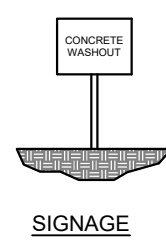
REVISION:

7 BREW COFFEE  
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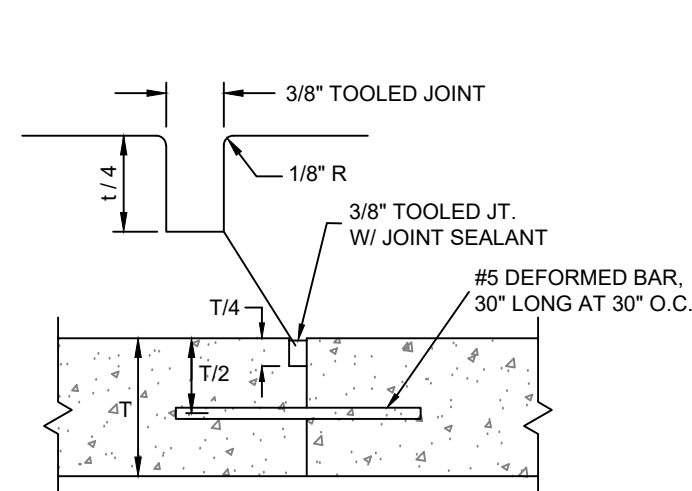
**C6.1**  
 STRIPING PLAN  
 DATE: AUGUST 15, 2024



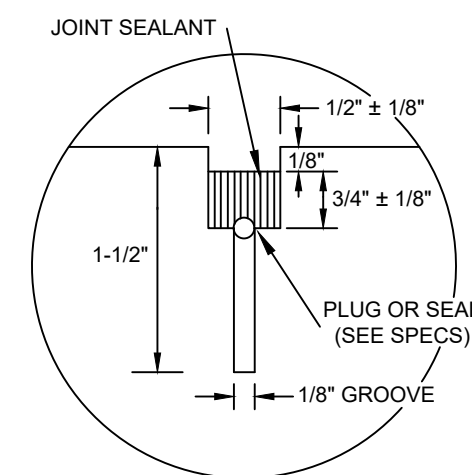
- NOTES:**
1. WASHOUT CONTAINMENT SHALL BE INSTALLED FOR DURATION OF CONCRETE WORK AND RETAIN CONCRETE AND OTHER WASHOUT LIQUIDS UNTIL EVAPORATION OR REMOVAL BY PUMP.
  2. CONTAINMENT SHALL BE SIZED FOR EXPECTED WASHOUT VOLUMES.
  3. AVOID PLACING NEAR STORM DRAINS, STREAMS, SINKHOLES, OUTFALLS OR OTHER LOW AREAS WHERE WATER PONDS OR FLOWS.
  4. OTHER APPROVED LEAK-PROOF CONTAINMENT IS ACCEPTABLE.
  5. TRAPS SHALL BE ROUTINELY MAINTAINED AT 75% CAPACITY AND REPLACED AS NECESSARY TO PERFORM.
  6. THE WASHOUT PIT SHALL BE COVERED BEFORE PREDICTED RAIN EVENTS TO PREVENT OVERFLOW.
  7. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30FT OF THE TEMPORARY CONCRETE WASHOUT FACILITY.



**1.03 CONCRETE WASHOUT**  
SCALE: NONE



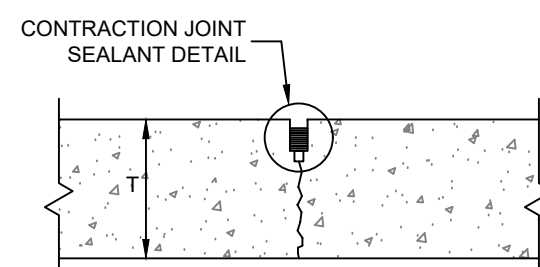
DOWELED CONSTRUCTION JOINT



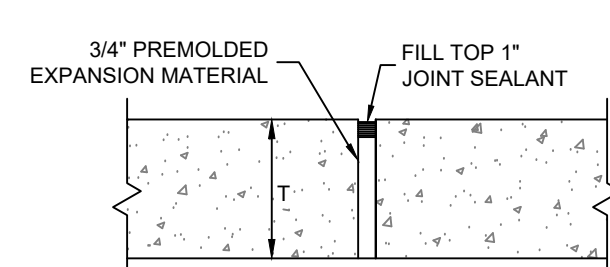
CONTRACTION JOINT SEALANT DETAIL

**CONCRETE JOINT NOTES:**

1. CONSTRUCTION JOINTS SHALL BE PLACED AS REQUIRED BY THE CONTRACTOR.
2. EXPANSION JOINTS SHALL BE PLACED WHERE CONCRETE ABUTS STRUCTURES OR EXISTING PAVEMENT AND AT 45 FEET ON CENTER, EACH DIRECTION (OR AS SHOWN ON PLAN).
3. CONTRACTION JOINTS SHALL BE PLACED AT 15 FEET MINIMUM SPACING IN EACH DIRECTION.

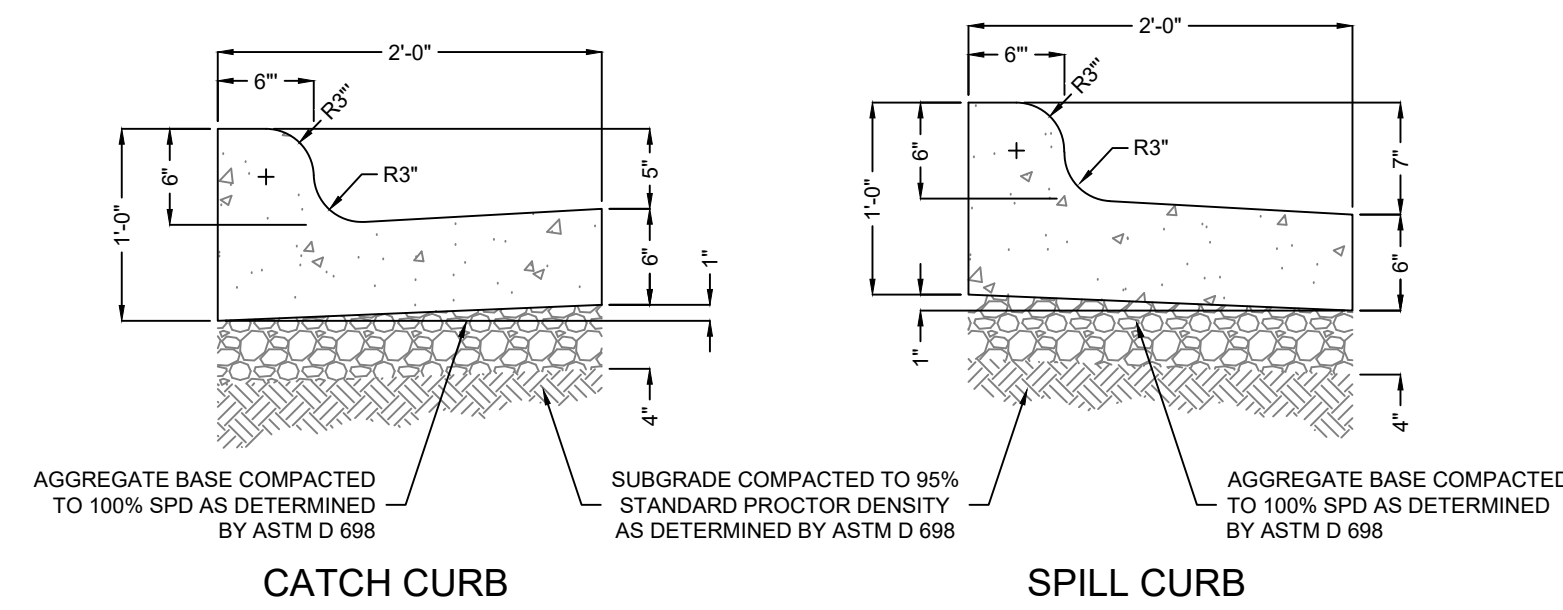


SAWED CONSTRUCTION JOINT



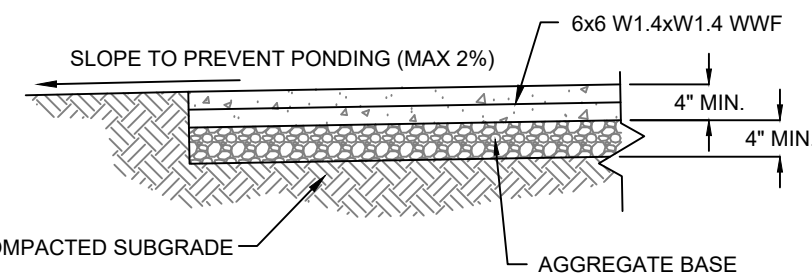
EXPANSION JOINT

**2.03 CONCRETE PAVEMENT JOINT DETAILS**  
SCALE: NONE



- NOTES:**
1. EXPANSION JOINTS SHALL BE FORMED BY A ONE-HALF (1/2) INCH THICK PREFORMED JOINT FILLER, CUT TO THE CONFIGURATION OF THE FULL SIZE OF THE CURB AND GUTTER SECTION AND BEING SECURED SO THAT THEY ARE NOT MOVED BY DEPOSITING AND COMPACTING THE CONCRETE AT THESE JOINTS. THE EDGES OF THESE JOINTS SHALL BE ROUNDED WITH AN EDGING TOOL ONE-EIGHTH (1/8) INCH RADIUS.
  2. EXPANSION JOINTS SHALL BE PLACED WHERE CURB AND GUTTER ABUTS OTHER STRUCTURES AND AT ALL TANGENT POINTS TO CURBS. EXPANSION JOINTS SHALL NOT BE SPACED MORE THAN 50 FEET APART ON STRAIGHT RUNS FOR HAND LAID CURBS AND NOT MORE THAN 100 FEET APART FOR MACHINE LAID CURB AND GUTTER PROVIDED THAT ONE-HALF (1/2) INCH THICK JOINT FILLER IS USED. ALL JOINTS SHALL BE FORMED AT RIGHT ANGLES TO THE ALIGNMENT OF THE CURB AND GUTTER.
  3. CONTRACTION JOINTS SHALL BE CONSTRUCTED BY INSERTING A REMOVABLE METAL TEMPLATE IN THE FRESH CONCRETE. THEY SHALL NOT BE SAW CUT. CONTRACTION JOINTS SHALL BE TO A DEPTH OF NOT LESS THAN ONE AND ONE-FOURTH (1-1/4) INCHES BELOW THE SURFACE AND TO A WIDTH NOT TO EXCEED THREE-EIGHTHS (3/8) INCH. CONTRACTION JOINTS SHALL BE LOCATED APPROXIMATELY 10 FEET APART.

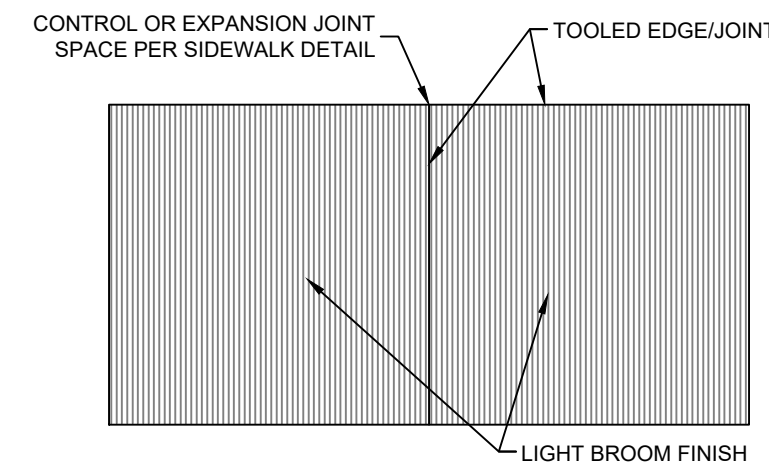
**2.01 CONCRETE CURB & GUTTER DETAIL**  
SCALE: NONE



**NOTES:**

1. PROVIDE CONTROL JOINTS @ 5' O.C. MAX. OR WIDTH OF SIDEWALK. SEE JOINT DETAIL.
2. PROVIDE EXPANSION JOINTS @ 20' O.C. MAX. & AS INDICATED ON SITE PLAN.
3. WHERE WALK ABUTS ANOTHER WALK, CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES, PROVIDE 1/2" EXP. JOINT W/ FIBER BOARD AND SELF-LEVELING SEALANT.
4. KEY ALL CONSTRUCTION JOINTS.
5. PROVIDE NON-SLIP LIGHT BROOM FINISH.
6. MAXIMUM SIDEWALK CROSS SLOPE SHALL BE 2%. MAXIMUM SLOPE OF SIDEWALK IN DIRECTION OF TRAVEL SHALL BE 5%.

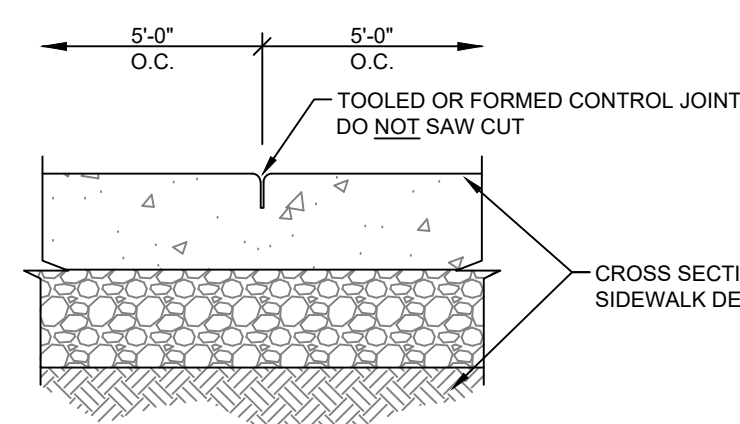
SECTION



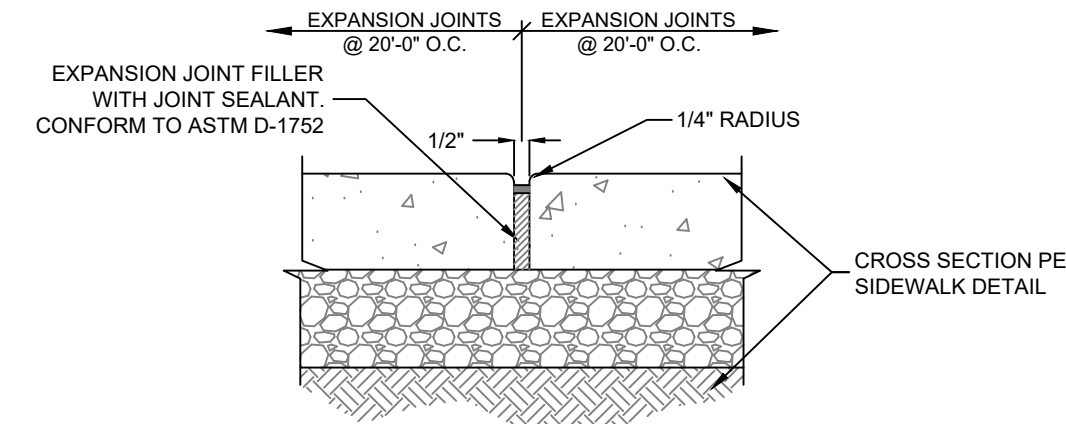
**NOTES:**

1. CONTRACTOR SHALL TOOL EDGES AND JOINTS AS SHOWN THEN LIGHTLY BROOM FINISH ENTIRE SIDEWALK SURFACE.

FINISH PLAN

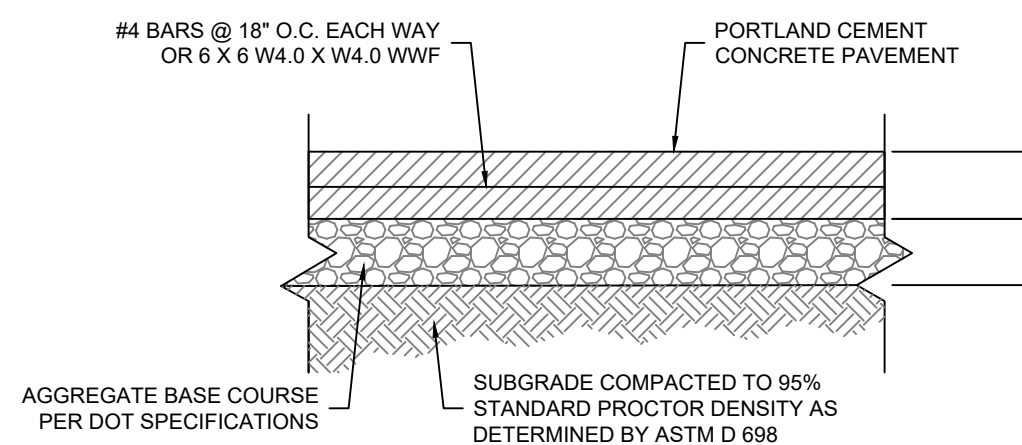


CONTROL JOINT



EXPANSION JOINT

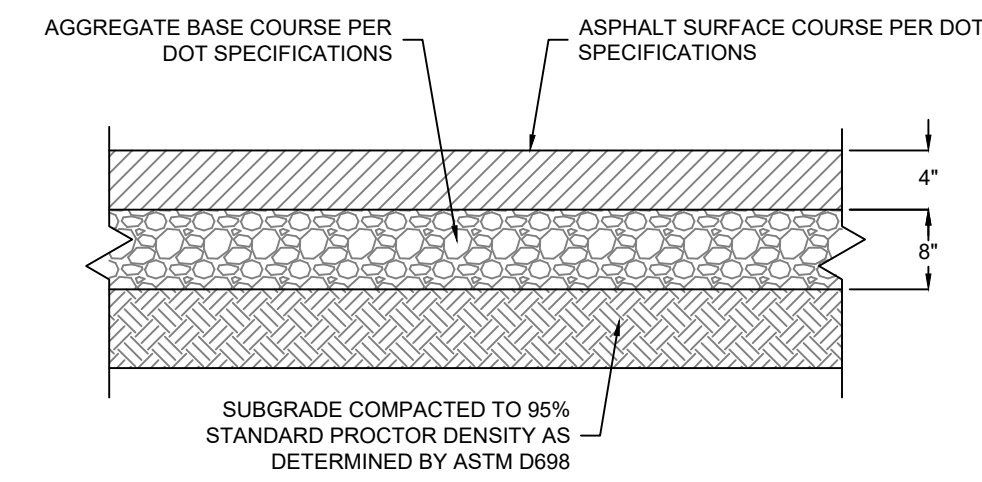
**2.02 SIDEWALK DETAILS**  
SCALE: NONE



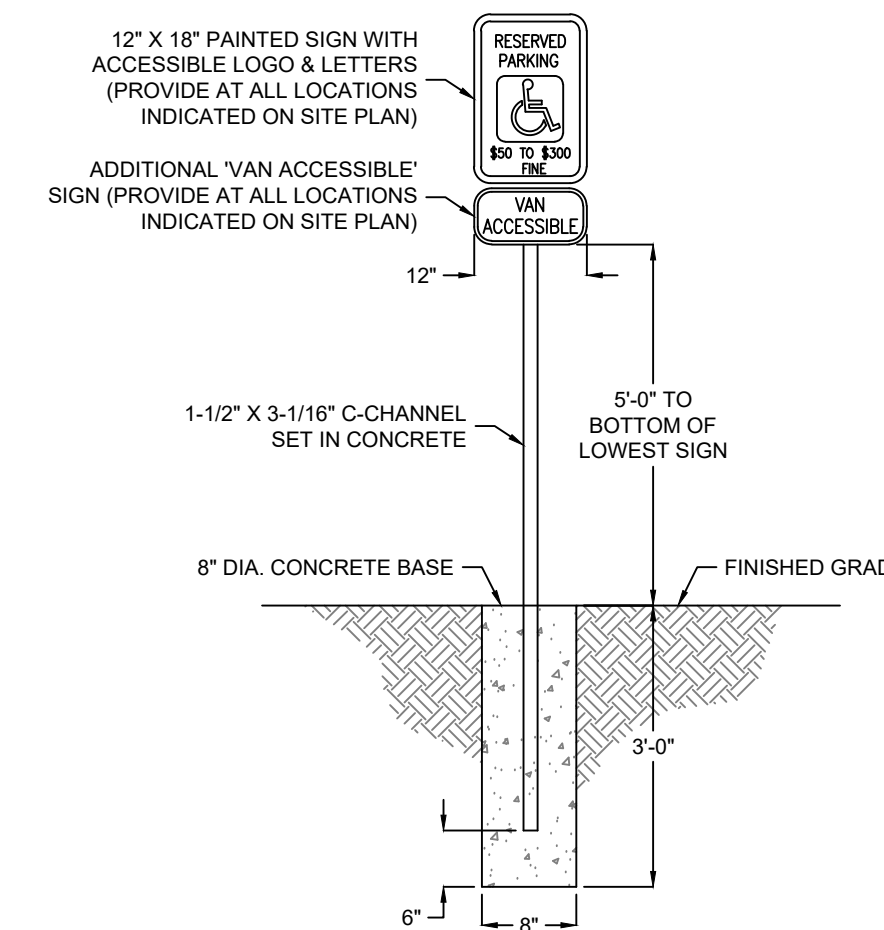
**NOTES:**

1. SEE CONCRETE PAVEMENT JOINT DETAILS AND NOTES.
2. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND BE PLACED WITH A MAXIMUM SLUMP OF 4 INCHES PER GEOTECHNICAL ENGINEERING REPORT IF AVAILABLE.
3. ALL MATERIALS SHALL MEET THE CURRENT DOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

**2.05 CONCRETE PAVEMENT**  
SCALE: NONE



**2.06 ASPHALT PAVEMENT**  
SCALE: NONE



**6.03 ADA ACCESSIBLE SIGN DETAIL**  
SCALE: NONE

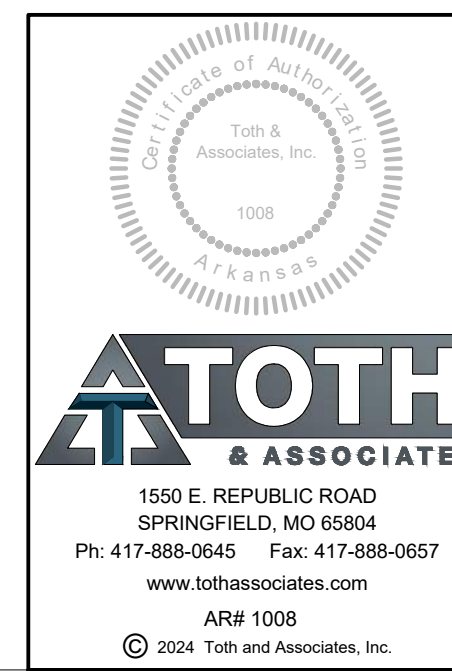


ENGINEER OF RECORD:  
NAME: SHAWN W. BARRY  
LICENSE NO. AR #PE-16815

PROJECT NUMBER:  
85 081

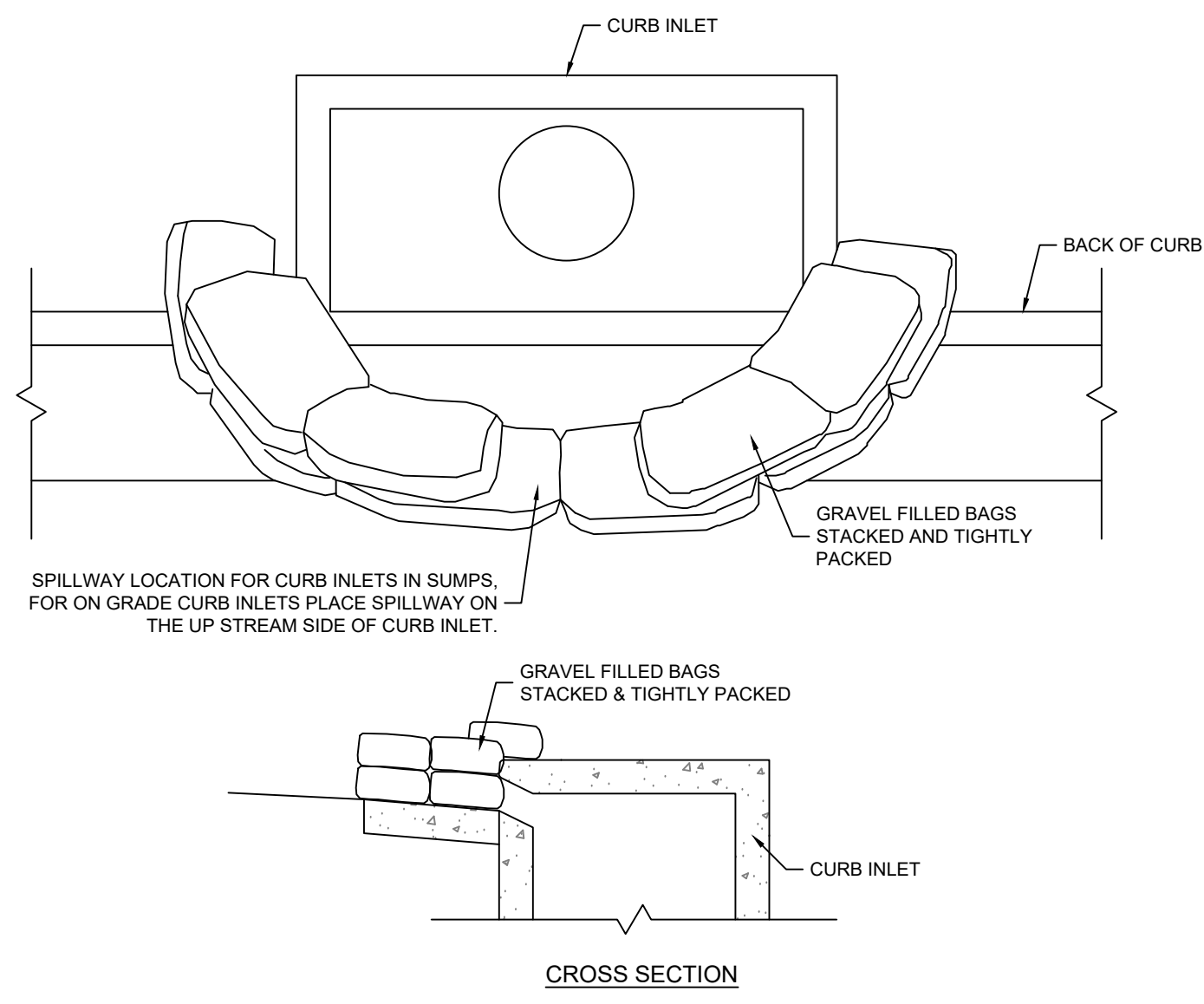
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**C7.1**  
DETAILS

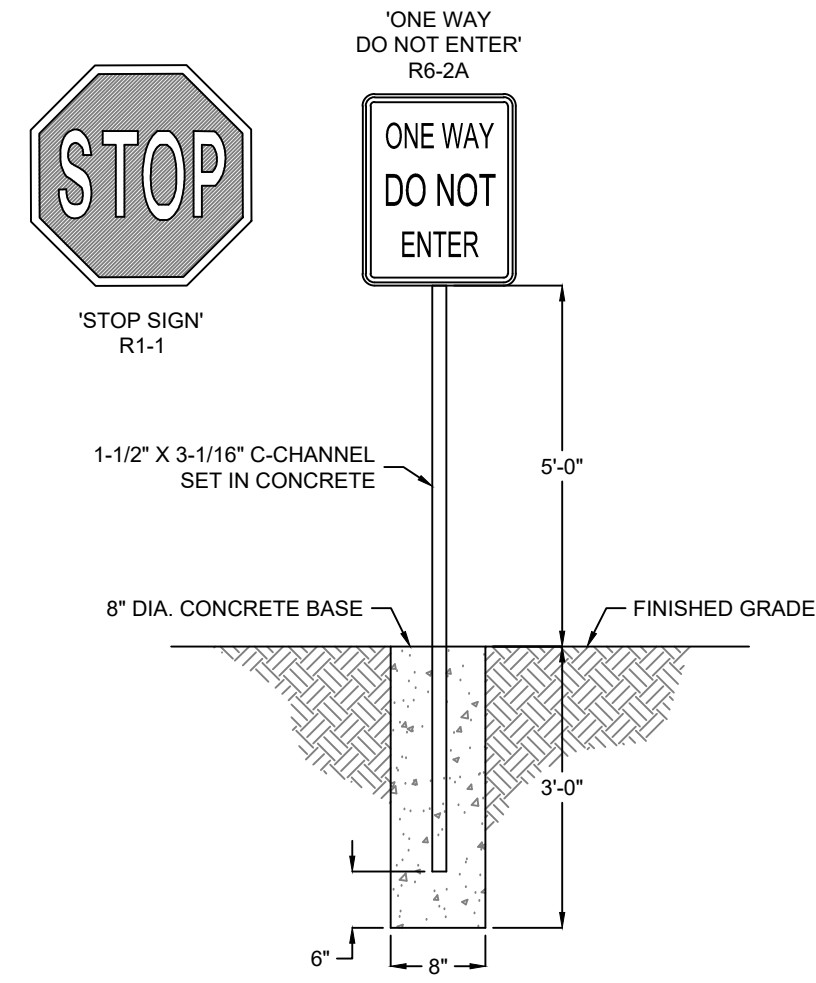
DATE: AUGUST 15, 2024



NOTES:

1. PLACE CURB INLET SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS OR IN SUMPS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. BAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE BAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH RAINFALL EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

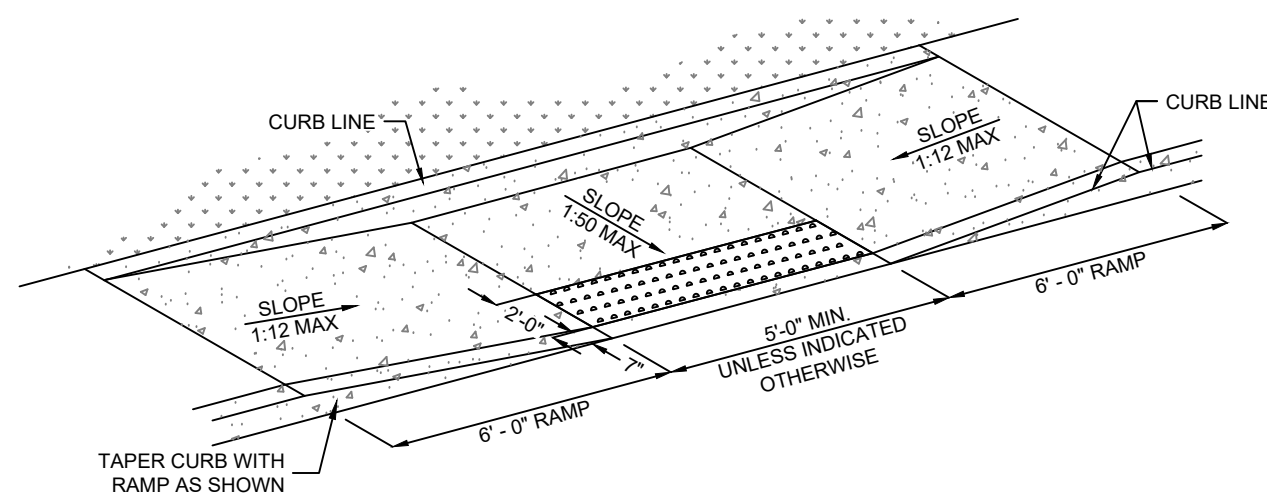
1.04 CURB INLET SEDIMENT BARRIER DETAIL  
SCALE: NONE



6.04 TYPICAL SIGN POST DETAIL  
SCALE: NONE

NOTES:

1. DETECTABLE WARNING ON RAMP SURFACE SHALL CONSIST OF TRUNCATED DOMES (FOR THE ENTIRE WIDTH OF THE RAMP) AND SHALL CONTRAST VISUALLY W/ ADJOINING SURFACES. PROVIDE ARMOR-TILE ADA TACTILE EPOXY POLYMER CAST IN PLACE WARNING TILES WITH TRUNCATED DOMES OR APPROVED EQUAL.
2. TRUNCATED DOMES SHALL HAVE A DIAMETER OF 0.9 INCH AT THE BOTTOM, A DIAMETER OF 0.4 INCH AT THE TOP, A HEIGHT OF 0.2 INCH AND A CENTER-TO-CENTER SPACING OF 1.7 INCHES MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT.



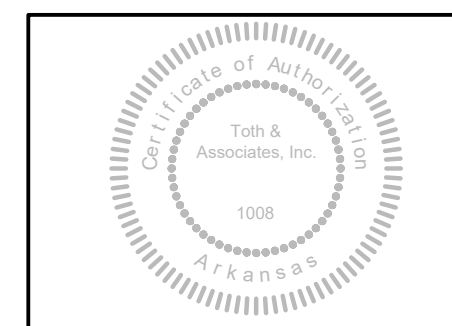
2.12 TYPE 2 CURB RAMP DETAIL  
SCALE: NONE



ENGINEER OF RECORD:  
NAME: SHAWN W. BARRY  
LICENSE NO. AR #PE-16815

PROJECT NUMBER:  
85 081  
REVISION:

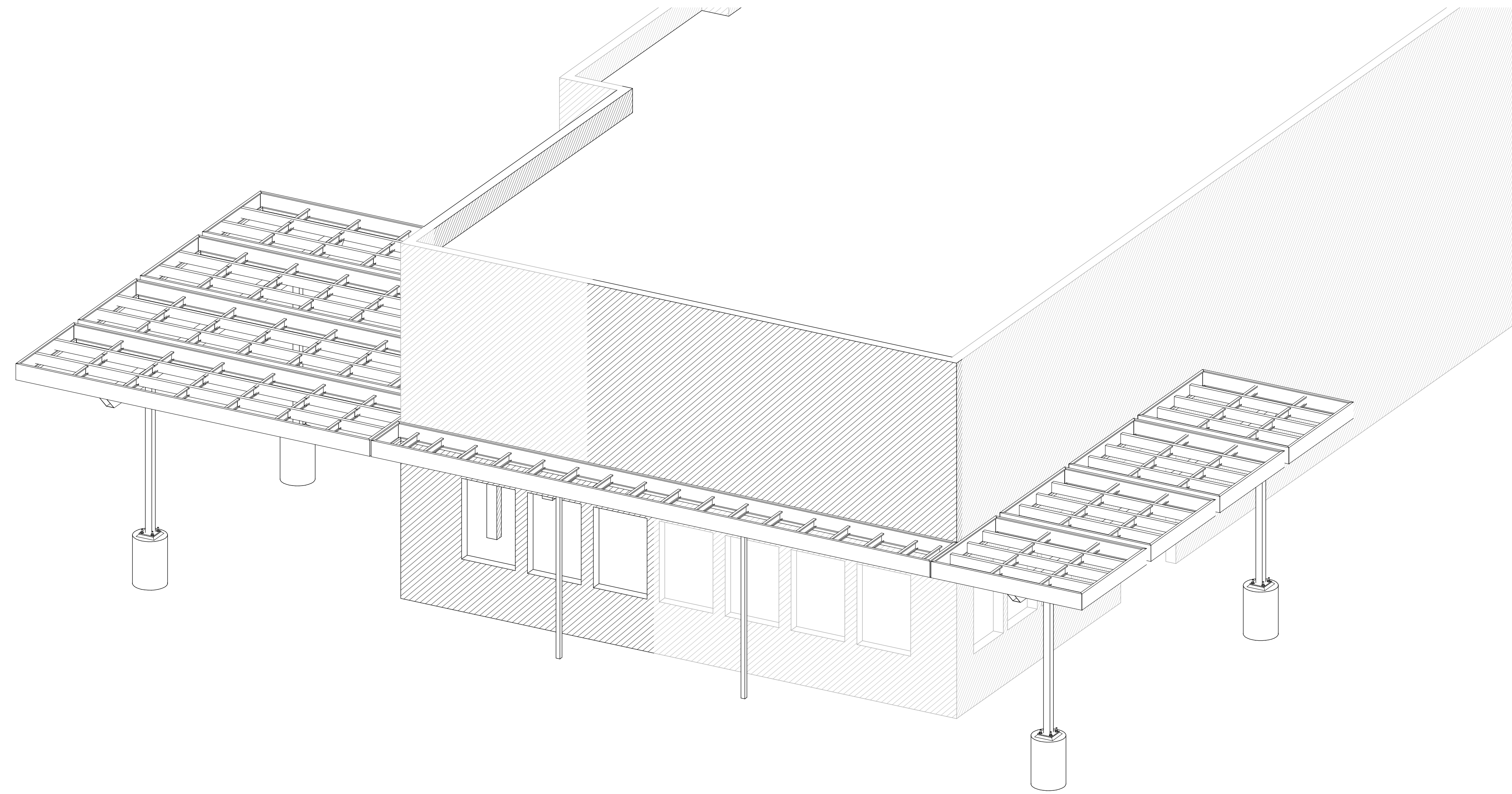
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2006 NORTH REYNOLDS ROAD  
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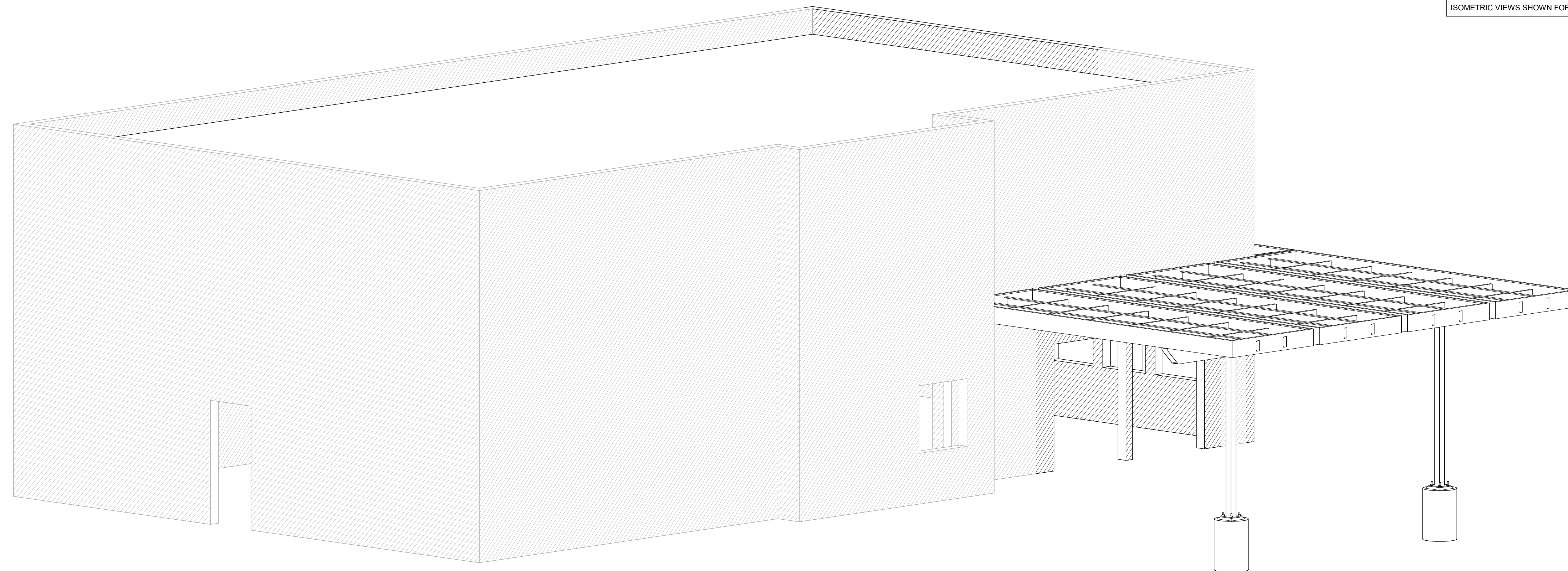
**C7.2**  
DETAILS  
DATE: AUGUST 15, 2024





1 FRONT ISOMETRIC VIEW

ISOMETRIC VIEWS SHOWN FOR REFERENCE ONLY



2 REAR ISOMETRIC VIEW



RTM ENGINEERING CONSULTANTS, LLC  
 3045 S. KANSAS EXPRESSWAY  
 SPRINGFIELD, MO 65807  
 PHONE: 417.708.9315  
 AR COA. 3006



ENGINEER OF RECORD:  
 NAME: BEN C. JENNINGS, PE  
 LICENSE NO. 14855

PROJECT NUMBER:  
 24198 78BA2

REVISION:

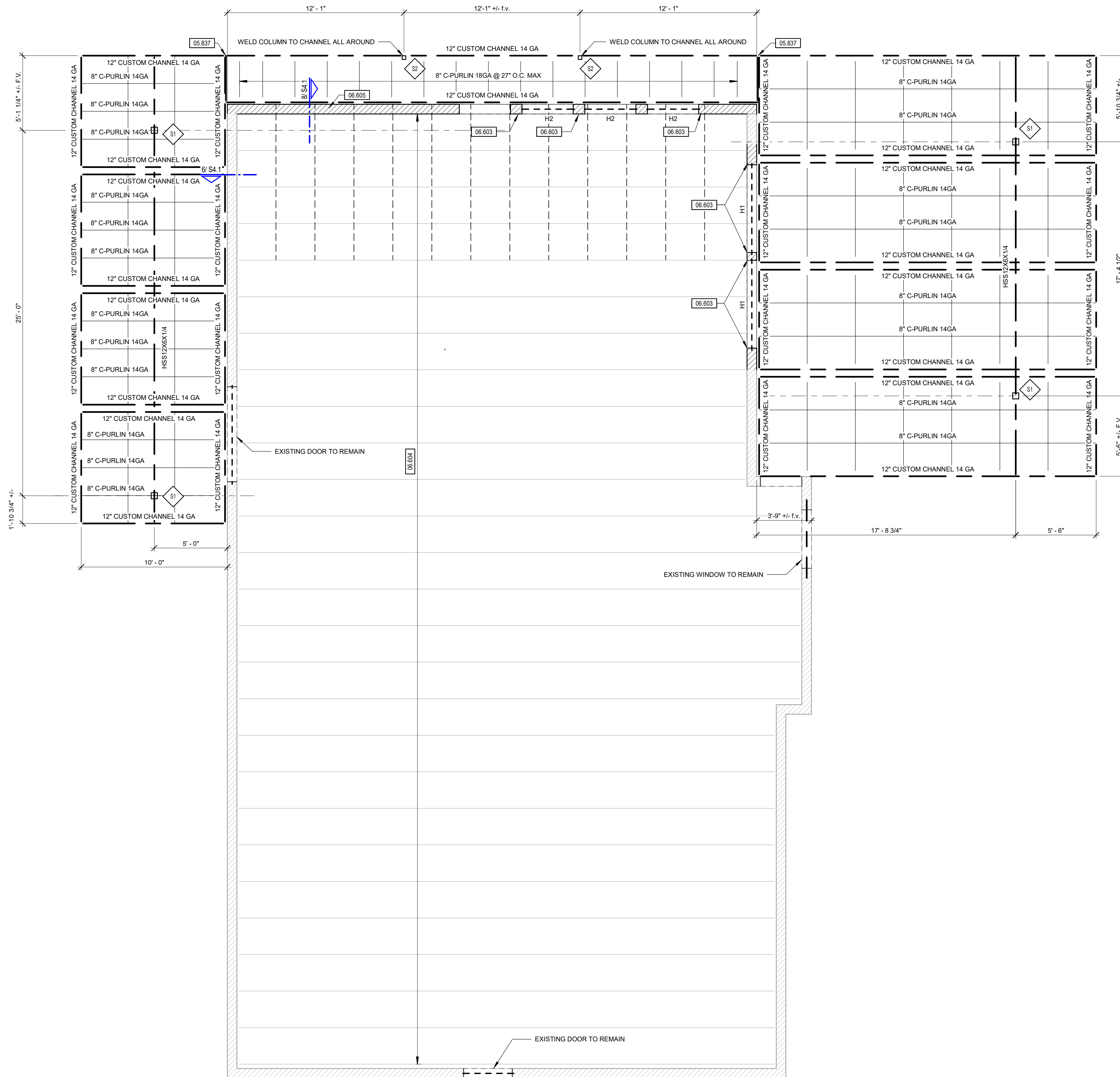
7 BREW COFFEE  
 BRYANT, AR #2

2006 N REYNOLDS ROAD  
 BRYANT, AR 72022

S0.1  
 ISOMETRIC VIEWS

DATE: 08/15/2024





COLUMN SCHEDULE			
MARK	COLUMN SIZE	BASE PLATE TYPE & SIZE	ANCHOR ROD SIZE
S1	HSS5X5X1/4	5/8"x11" SQ	3/4" DIA
S2	HSS3X3X1/4	5/8" x 6" SQ	1/2" x 3" TITAN HD

KEYNOTE LEGEND	
KEYNOTE	DESCRIPTION
06.603	12" CUSTOM CHANNEL 14GA. PROVIDE (12) #12 SELF DRILLING SCREWS AT BACK-TO-BACK CHANNELS.
06.604	PROVIDE 2x6 JACK STUD BELOW EA HEADER ABOVE. PROVIDE (4) 2x6 FULL HEIGHT EA SIDE OF NEW DOOR.
06.605	EXISTING ROOF TRUSSES, SHOWN HERE ONLY FOR CLARITY.
06.606	PROVIDE NEW 2x6 PARAPET STUD SISTERED TO EA EXISTING STUD AT PARAPET EXTENSION. SEE DETAIL 6/S4/1 FOR MORE INFORMATION.

HEADER SCHEDULE	
TYPE MARK	Description
H1	(3) 1 3/4" x 11 7/8" LVL
H2	(3) 2x6



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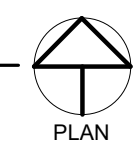
ENGINEER OF RECORD:  
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 LICENSE NO. 14855

PROJECT NUMBER:  
 24198 78BA2

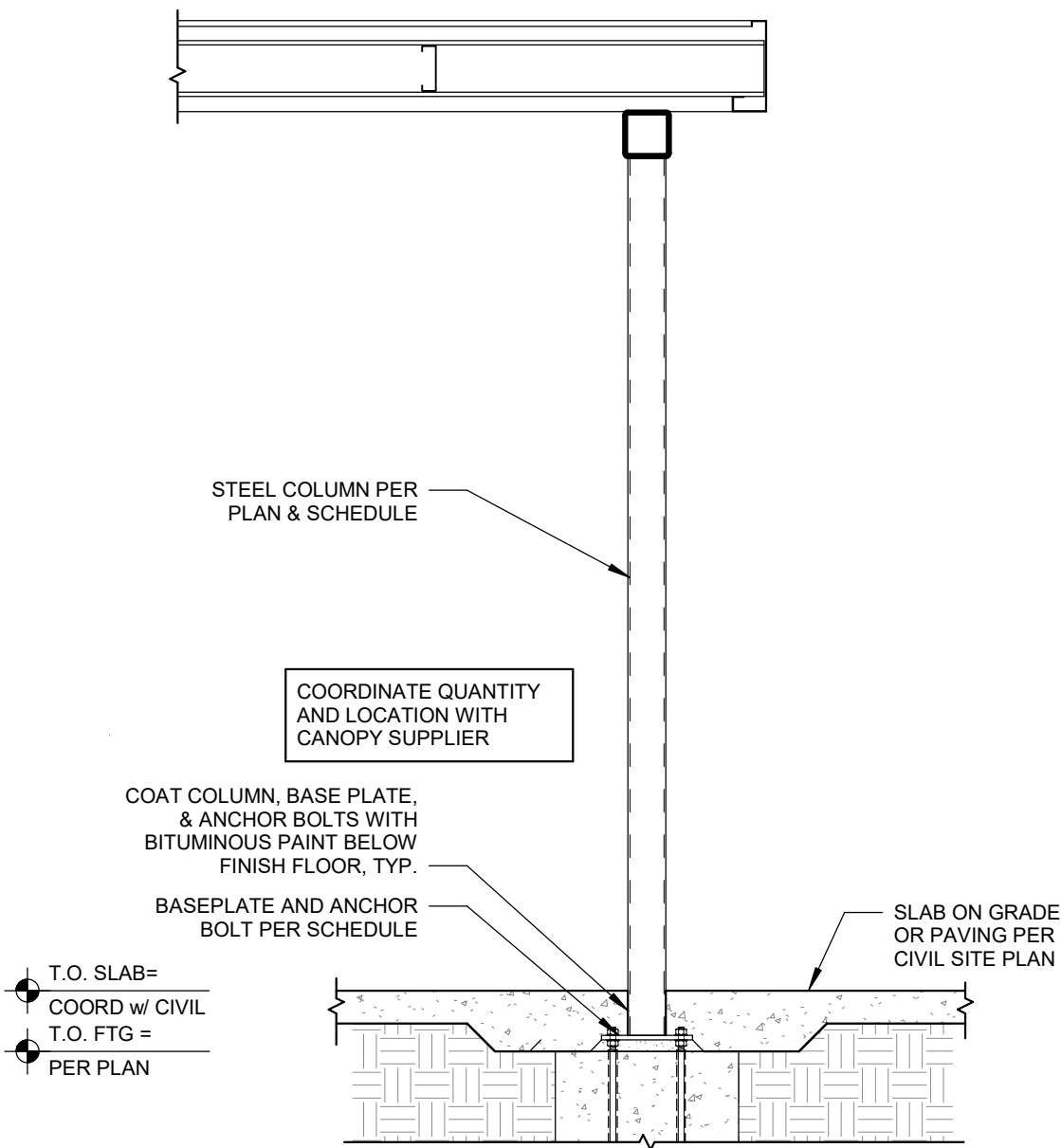
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 BRYANT, AR 72022

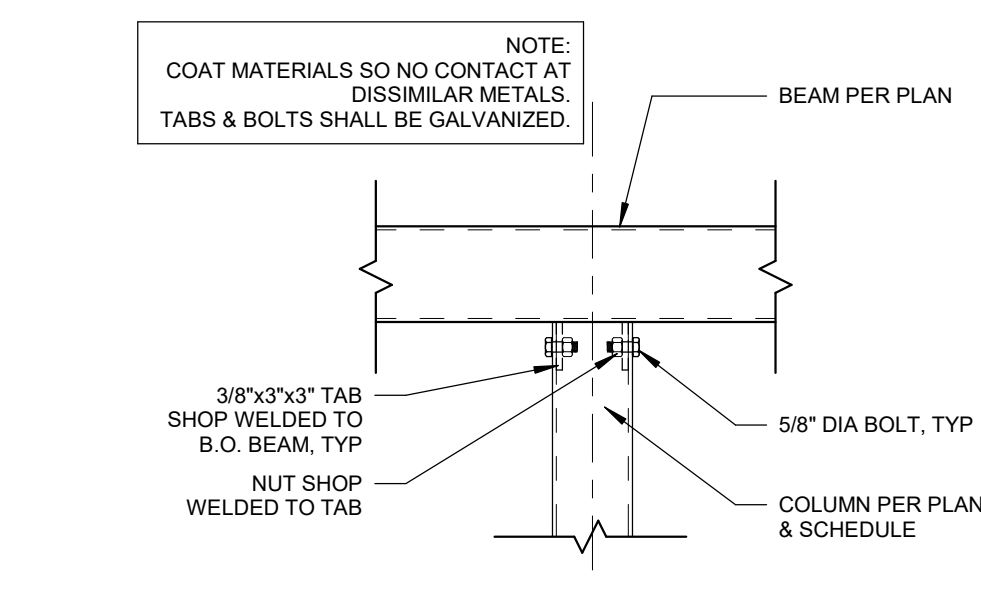
1 CANOPY ADDITION FRAMING PLAN  
 1/4" = 1'-0"



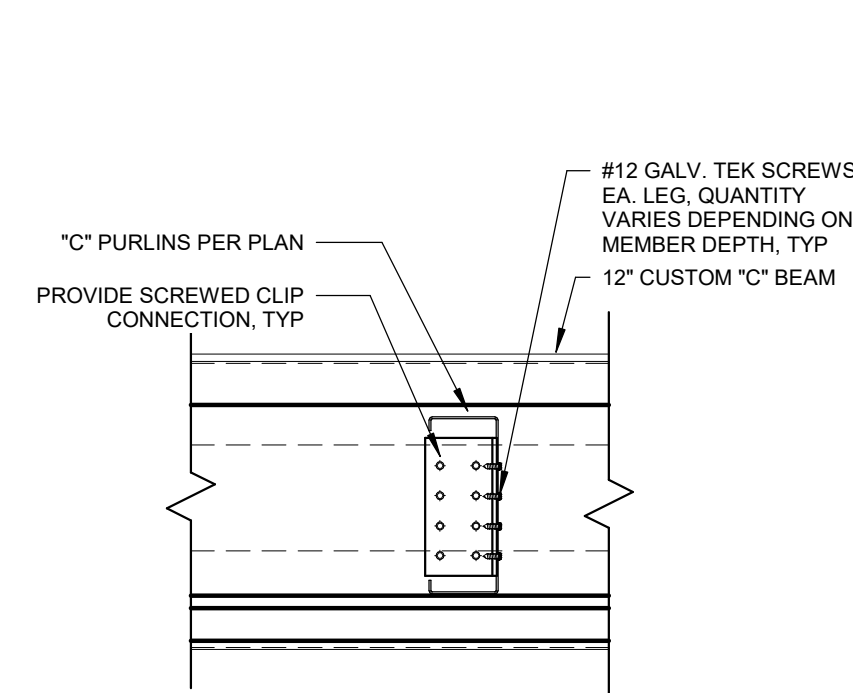
S3.1  
 DRIVE-THRU CANOPY



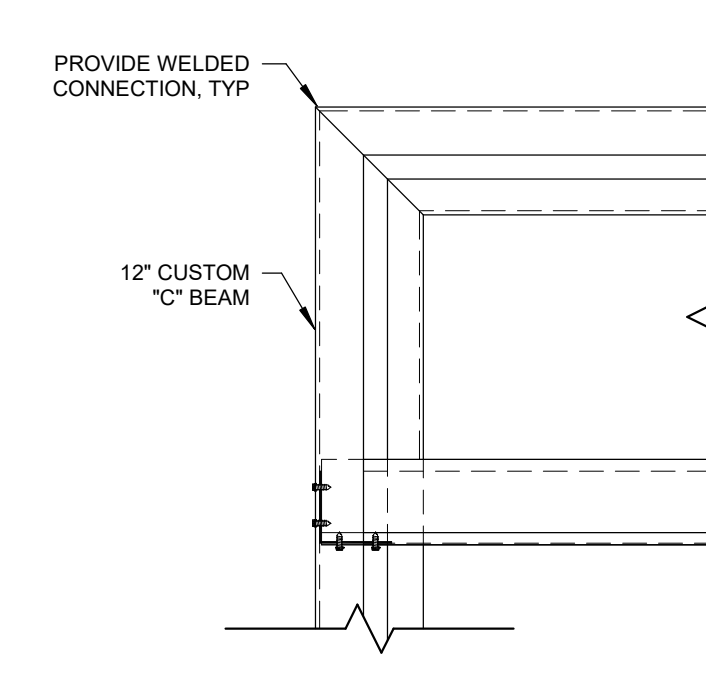
1 SECTION AT COLUMN  
1/2" = 1'-0"



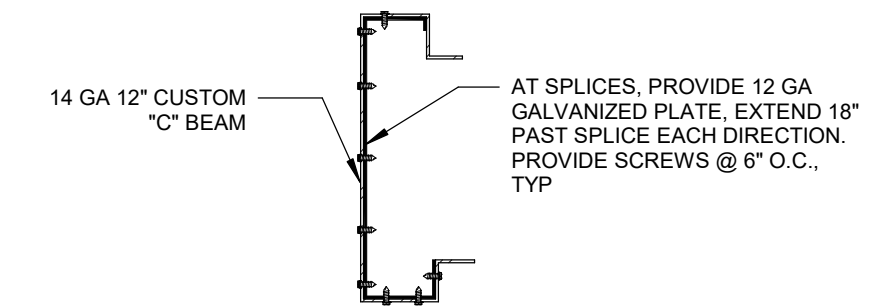
2 SECTION AT COLUMN CAP  
1" = 1'-0"



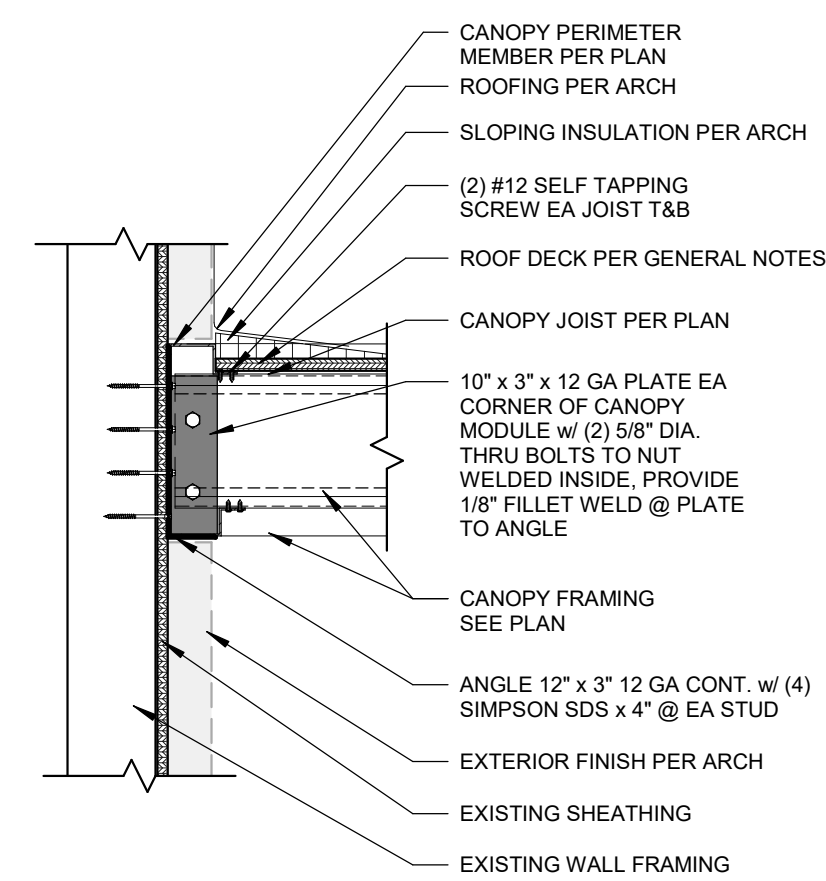
3 "C" PURLIN ATTACHMENT  
1 1/2" = 1'-0"



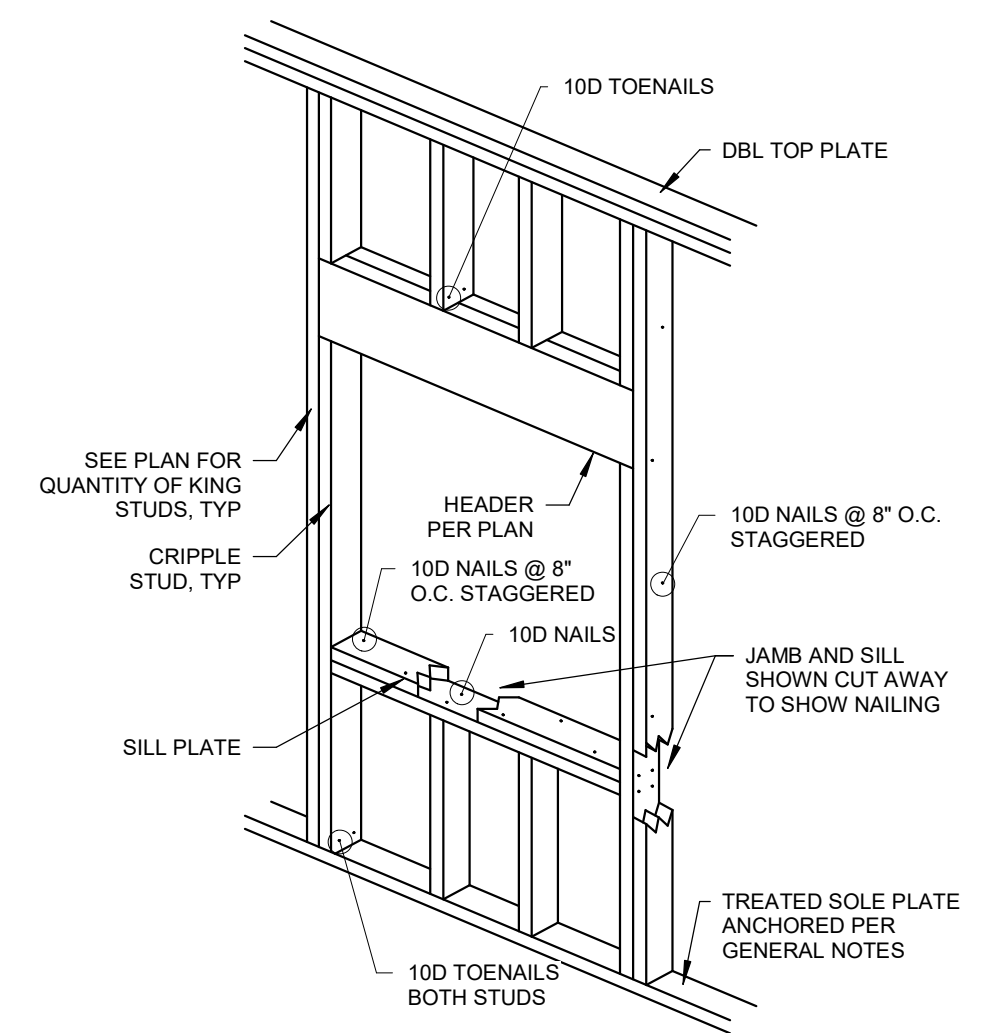
4 DETAIL AT CORNER  
1 1/2" = 1'-0"



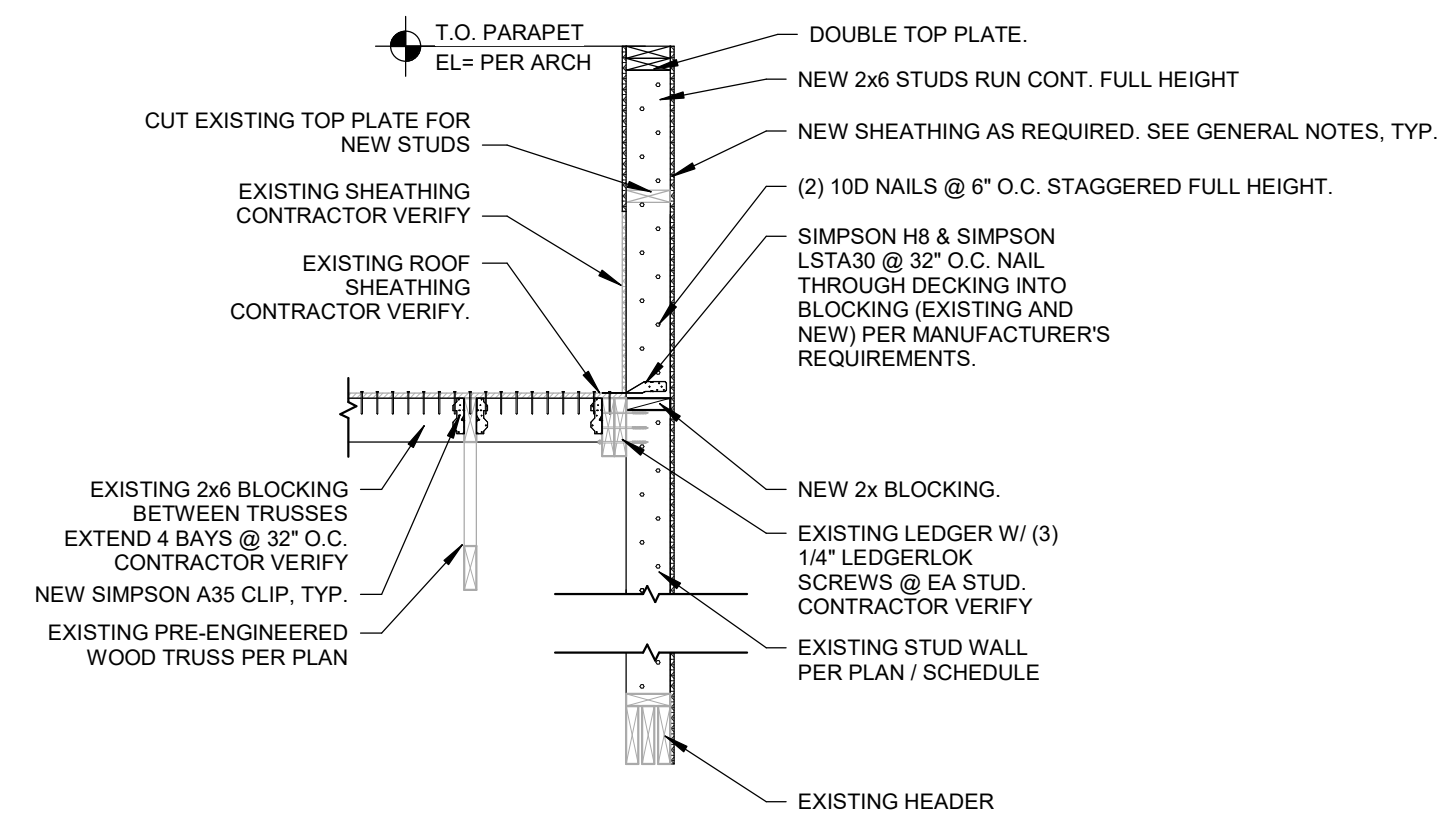
5 CUSTOM SECTION @ CANOPY  
1 1/2" = 1'-0"



6 SECTION AT LOW CANOPY  
1" = 1'-0"

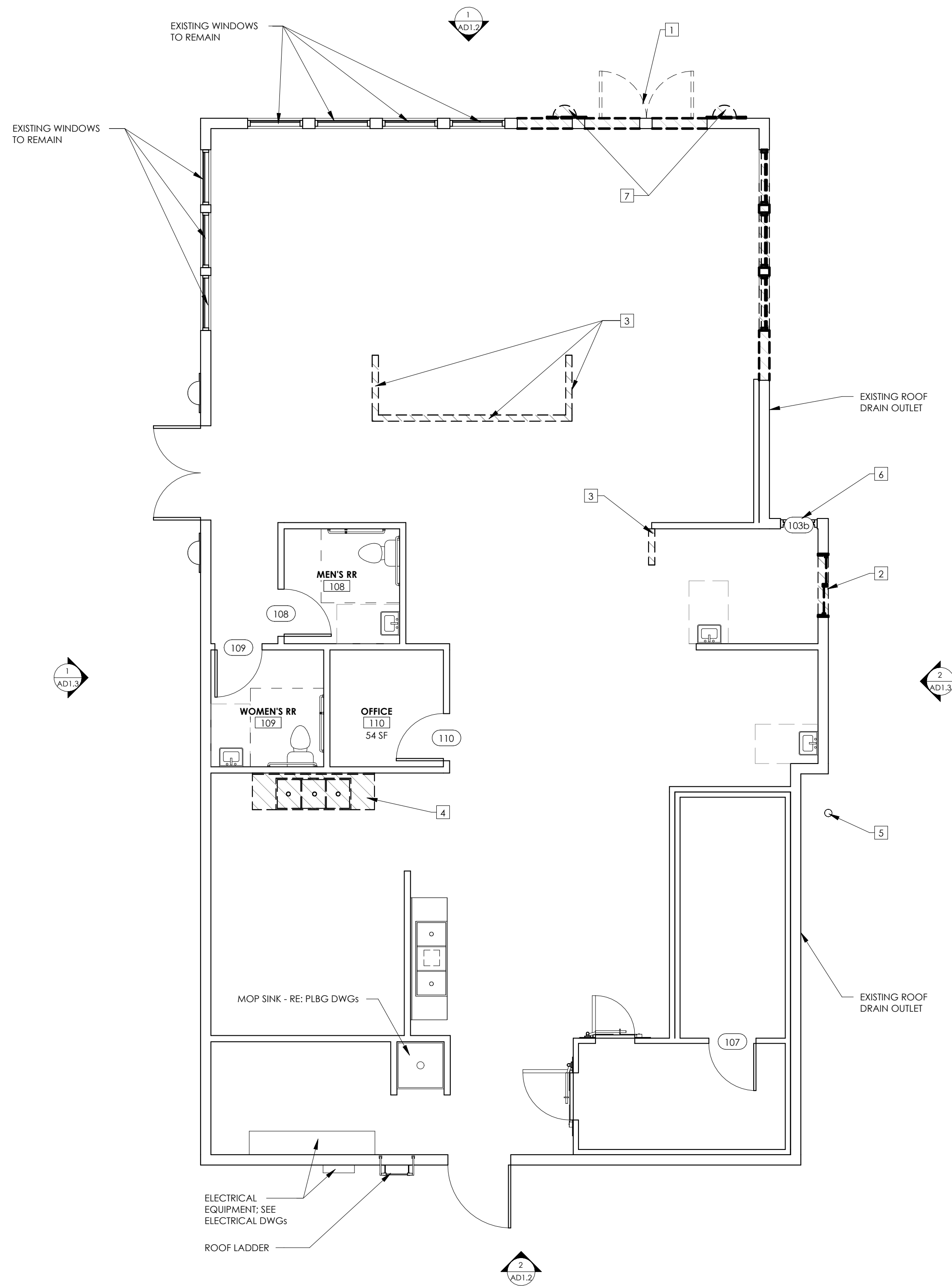


7 TYPICAL HEADER DETAIL  
1/2" = 1'-0"

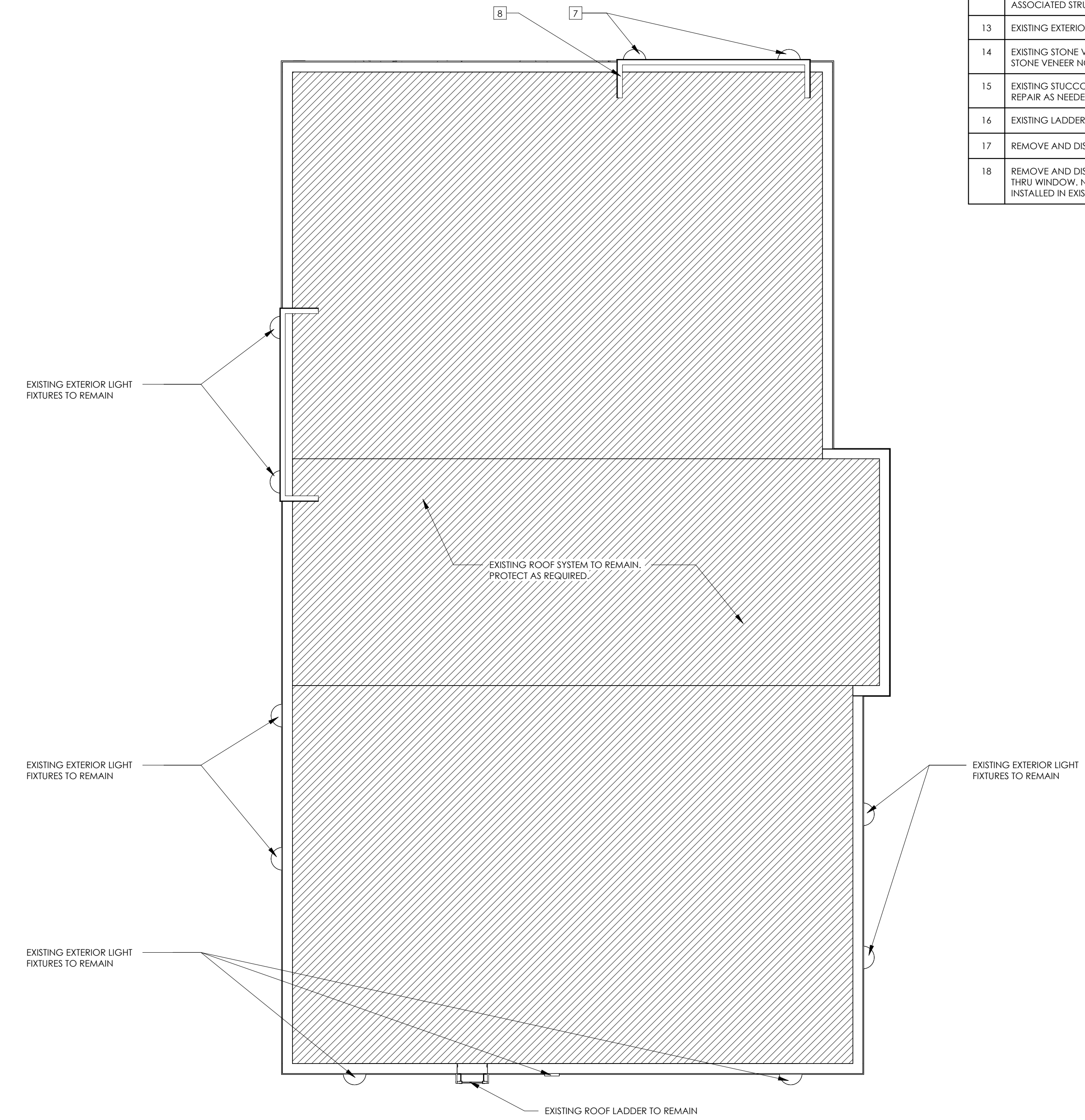


8 END WALL FRAMING  
1/2" = 1'-0"





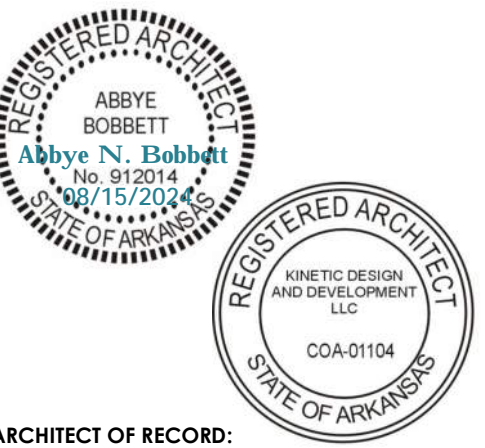
1 DEMOLITION FLOOR PLAN  
3/16" = 1'-0"



2 DEMOLITION ROOF PLAN  
3/16" = 1'-0"

DEMOLITION KEYNOTES	
TAG NO.	DESCRIPTION
1	REMOVE AND DISCARD EXISTING DOOR.
2	REMOVE AND DISCARD SLIDING DRIVE THRU WINDOW. NEW STOREFRONT WINDOW TO BE INSTALLED IN PLACE.
3	REMOVE AND DISCARD EXISTING WALLS.
4	REMOVE AND DISCARD EXISTING FIXTURE.
5	EXISTING BOLLARD TO REMAIN. PROTECT AS REQUIRED.
6	LOCK AND REMOVE HARDWARE. PRIVACY FILM TO BE APPLIED TO GLAZING.
7	REMOVE AND DISCARD EXISTING LIGHT FIXTURE. CAP EXISTING ELECTRICAL JUNCTION BOXES AS NEEDED AND PAINT TO MATCH ADJACENT WALL.
8	REMOVE AND DISCARD EXISTING FINISH ON PARAPET PORTION TO EXISTING STUD/SHEATHING TO ALLOW FOR NEW CONSTRUCTION. REFER TO STRUCTURAL FOR ADDITIONAL SUPPORT REQUIRED.
9	REMOVE AND DISCARD EXISTING CANOPY AND TIE RODS. PATCH AND REPAIR WALL BEHIND.
10	REMOVE AND DISCARD PORTION OF EXISTING WALL TO ALLOW FOR CONSTRUCTION OF NEW WINDOW OPENING AS SHOWN ON A1.1 AND A2.1
11	REMOVE AND DISCARD EXISTING WALL SIGNAGE
12	REMOVE AND DISCARD EXISTING CO2 TANK AND ASSOCIATED STRUCTURES
13	EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN
14	EXISTING STONE VENEER TO REMAIN. REFER TO STONE VENEER NOTE
15	EXISTING STUCCO TO REMAIN. CLEAN, PATCH AND REPAIR AS NEEDED.
16	EXISTING LADDER TO REMAIN
17	REMOVE AND DISCARD EXISTING WINDOW
18	REMOVE AND DISCARD EXISTING SLIDING DRIVE THRU WINDOW. NEW STOREFRONT WINDOW TO BE INSTALLED IN EXISTING OPENING.

FIRM LICENSE NO. 24353



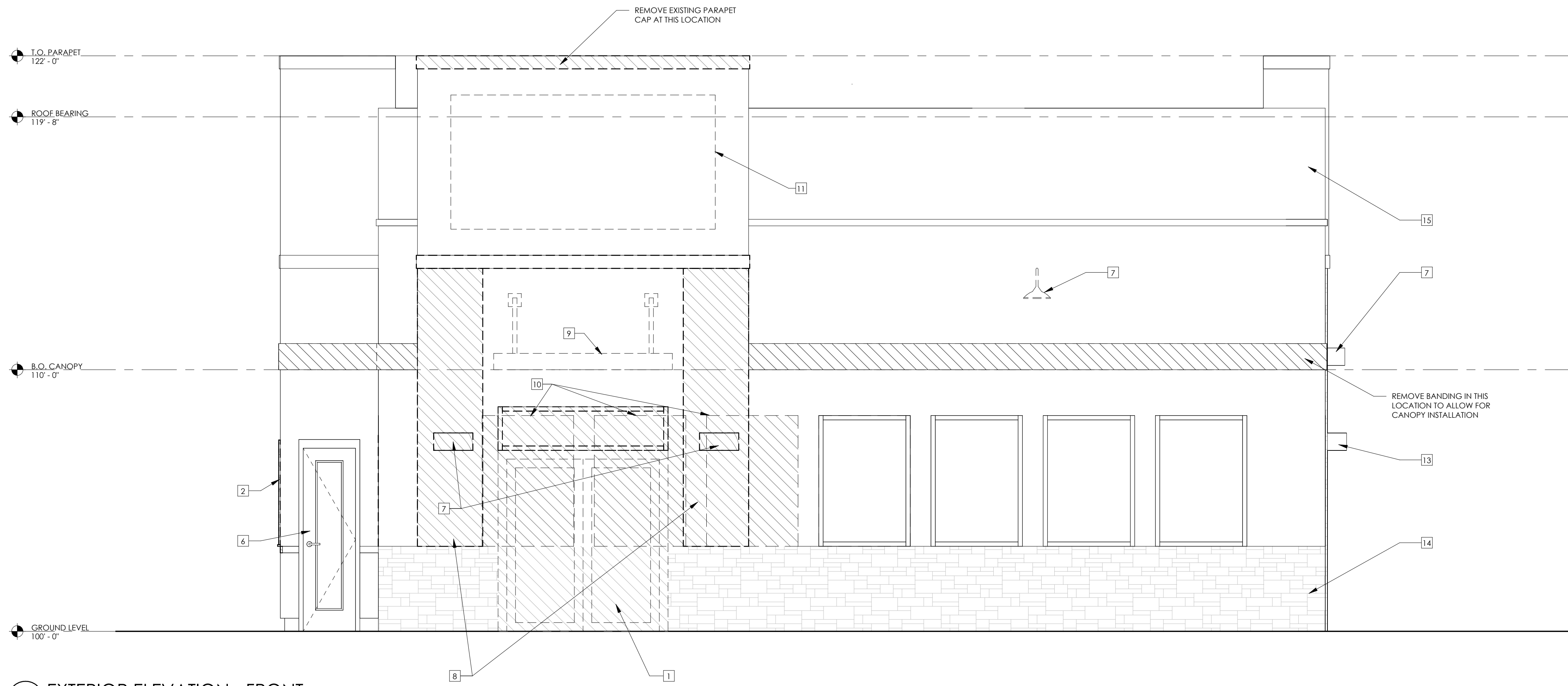
ARCHITECT OF RECORD:  
NAME: ABBY BOBBETT  
LICENSE NO. 77051

PROJECT NUMBER: 24198 78BA2  
REVISION:

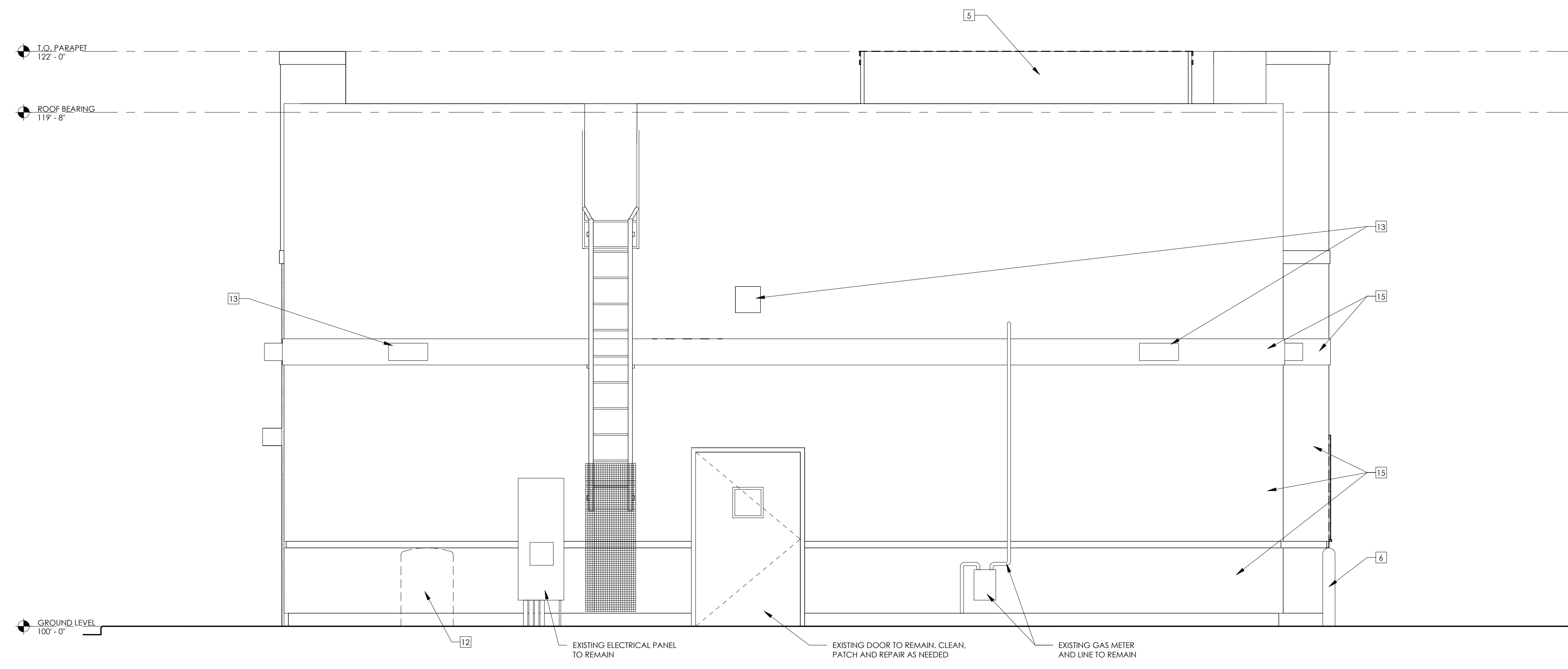
7 BREW COFFEE  
**BRYANT, AR #2**  
2006 N REYNOLDS ROAD  
BRYANT, AR 72022

**AD1.1**  
ARCHITECTURAL DEMOLITION

DATE: AUGUST 15, 2024



1 EXTERIOR ELEVATION - FRONT  
3/8" = 1'-0"



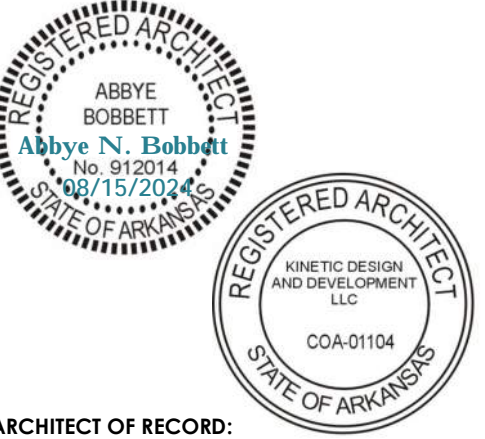
2 EXTERIOR ELEVATION - BACK  
3/8" = 1'-0"

DEMOLITION KEYNOTES	
TAG NO.	DESCRIPTION
1	REMOVE AND DISCARD EXISTING DOOR.
2	REMOVE AND DISCARD SLIDING DRIVE THRU WINDOW. NEW STOREFRONT WINDOW TO BE INSTALLED IN PLACE.
3	REMOVE AND DISCARD EXISTING WALLS.
4	REMOVE AND DISCARD EXISTING FIXTURE.
5	EXISTING BOLLARD TO REMAIN. PROTECT AS REQUIRED.
6	LOCK AND REMOVE HARDWARE. PRIVACY FILM TO BE APPLIED TO GLAZING.
7	REMOVE AND DISCARD EXISTING LIGHT FIXTURE. CAP EXISTING ELECTRICAL JUNCTION BOXES AS NEEDED AND PAINT TO MATCH ADJACENT WALL.
8	REMOVE AND DISCARD EXISTING FINISH ON PARAPET PORTION TO EXISTING STUD/SHEATHING TO ALLOW FOR NEW CONSTRUCTION. REFER TO STRUCTURAL FOR ADDITIONAL SUPPORT REQUIRED.
9	REMOVE AND DISCARD EXISTING CANOPY AND TIE RODS. PATCH AND REPAIR WALL BEHIND.
10	REMOVE AND DISCARD PORTION OF EXISTING WALL TO ALLOW FOR CONSTRUCTION OF NEW WINDOW OPENING AS SHOWN ON A1.1 AND A2.1
11	REMOVE AND DISCARD EXISTING WALL SIGNAGE
12	REMOVE AND DISCARD EXISTING CO2 TANK AND ASSOCIATED STRUCTURES
13	EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN
14	EXISTING STUCCO TO REMAIN. CLEAN, PATCH AND REPAIR AS NEEDED.
15	EXISTING LADDER TO REMAIN
16	REMOVE AND DISCARD EXISTING WINDOW
17	REMOVE AND DISCARD EXISTING SLIDING DRIVE THRU WINDOW. NEW STOREFRONT WINDOW TO BE INSTALLED IN EXISTING OPENING.
18	REMOVE AND DISCARD EXISTING WINDOW

**STONE VENER NOTE:**  
STONE VENER EXISTING TO REMAIN. ANY LOCATIONS WHERE STONE IS TO BE REMOVED, IT IS TO BE USED TO REPAIR ANY FAILING LOCATIONS THAT ARE TO REMAIN. CONTRACTOR TO CHECK AND ENSURE ANY LOOSE STONES ARE SECURED.



FIRM LICENSE NO. 24353



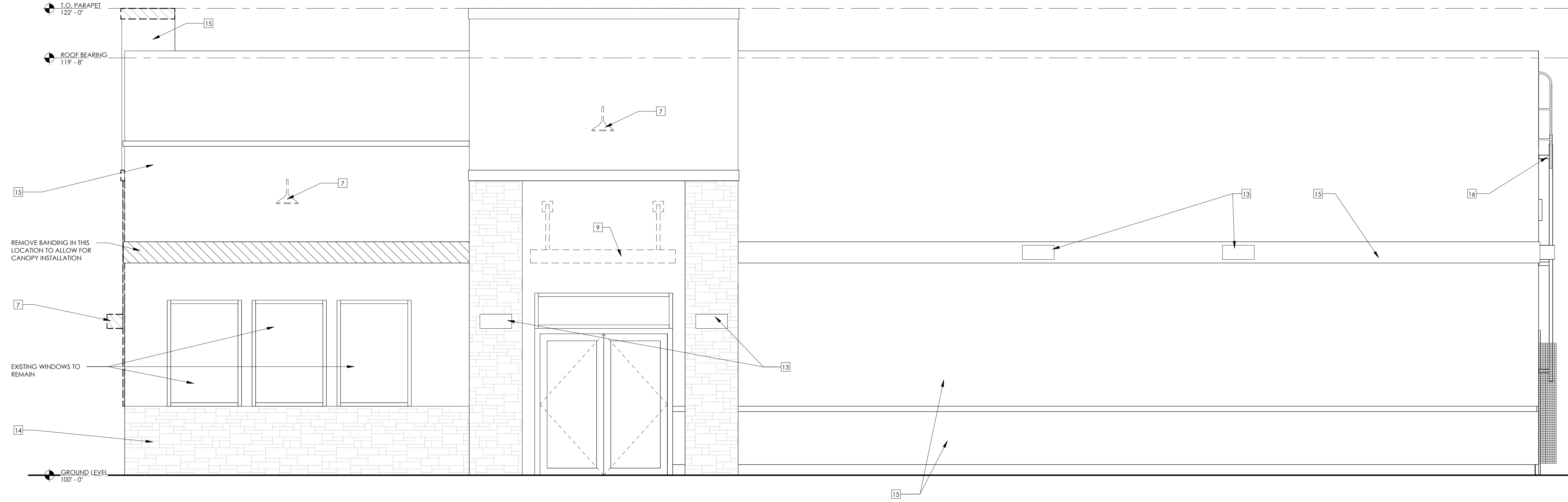
ARCHITECT OF RECORD:  
NAME: ABBYE BOBBETT  
LICENSE NO. 77051

PROJECT NUMBER: 24198 78BA2  
REVISION:

7 BREW COFFEE  
**BRYANT, AR #2**  
2006 N REYNOLDS ROAD  
BRYANT, AR 72022

**AD1.2**  
ARCHITECTURAL DEMOLITION

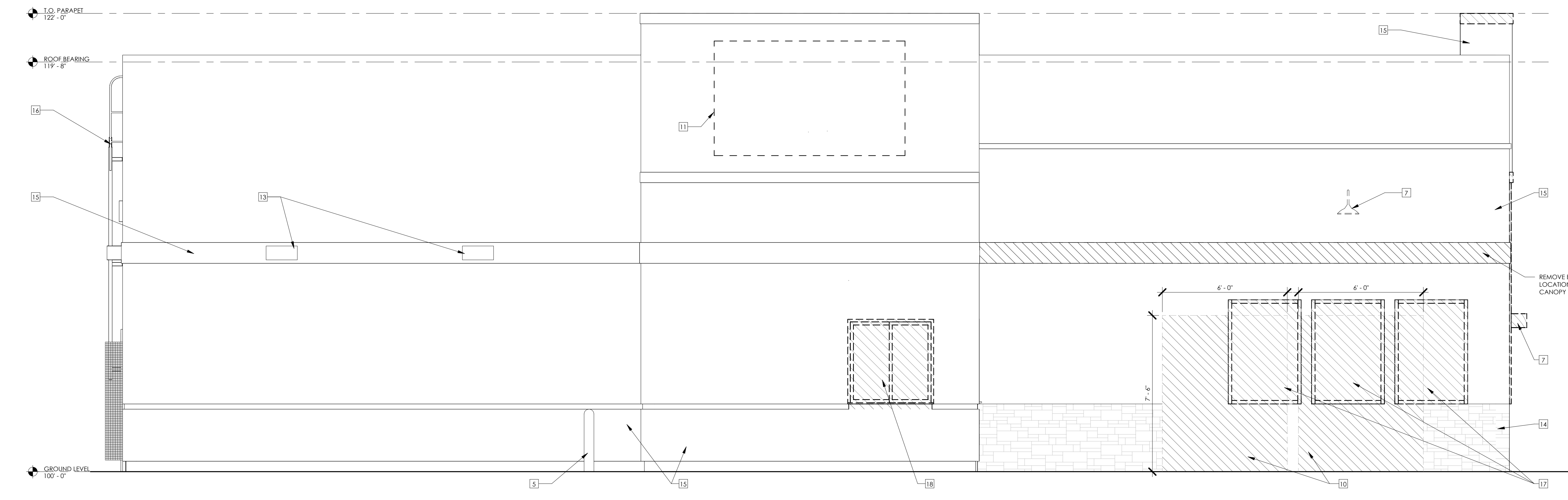
DATE: AUGUST 15, 2024



1 EXTERIOR ELEVATION - RIGHT SIDE  
3/8" = 1'-0"

DEMOLITION KEYNOTES	
TAG NO.	DESCRIPTION
1	REMOVE AND DISCARD EXISTING DOOR.
2	REMOVE AND DISCARD SLIDING DRIVE THRU WINDOW. NEW STOREFRONT WINDOW TO BE INSTALLED IN PLACE.
3	REMOVE AND DISCARD EXISTING WALLS.
4	REMOVE AND DISCARD EXISTING FIXTURE.
5	EXISTING BOLLARD TO REMAIN. PROTECT AS REQUIRED.
6	LOCK AND REMOVE HARDWARE. PRIVACY FILM TO BE APPLIED TO GLAZING.
7	REMOVE AND DISCARD EXISTING LIGHT FIXTURE. CAP EXISTING ELECTRICAL JUNCTION BOXES AS NEEDED AND PAINT TO MATCH ADJACENT WALL.
8	REMOVE AND DISCARD EXISTING FINISH ON PARAPET PORTION TO EXISTING STUD/SHEATHING TO ALLOW FOR NEW CONSTRUCTION. REFER TO STRUCTURAL FOR ADDITIONAL SUPPORT REQUIRED.
9	REMOVE AND DISCARD EXISTING CANOPY AND TIE RODS. PATCH AND REPAIR WALL BEHIND.
10	REMOVE AND DISCARD PORTION OF EXISTING WALL TO ALLOW FOR CONSTRUCTION OF NEW WINDOW OPENING AS SHOWN ON A1.1 AND A2.1
11	REMOVE AND DISCARD EXISTING WALL SIGNAGE
12	REMOVE AND DISCARD EXISTING CO2 TANK AND ASSOCIATED STRUCTURES
13	EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN
14	EXISTING STONE VENEER TO REMAIN. REFER TO STONE VENEER NOTE
15	EXISTING STUCCO TO REMAIN. CLEAN, PATCH AND REPAIR AS NEEDED.
16	EXISTING LADDER TO REMAIN
17	REMOVE AND DISCARD EXISTING WINDOW
18	REMOVE AND DISCARD EXISTING SLIDING DRIVE THRU WINDOW. NEW STOREFRONT WINDOW TO BE INSTALLED IN EXISTING OPENING.

**STONE VENEER NOTE:**  
STONE VENEER EXISTING TO REMAIN. ANY LOCATIONS WHERE STONE IS TO BE REMOVED, IT IS TO BE USED TO REPAIR ANY FAILING LOCATIONS THAT ARE TO REMAIN. CONTRACTOR TO CHECK AND ENSURE ANY LOOSE STONES ARE SECURED.



2 EXTERIOR ELEVATION - LEFT SIDE  
3/8" = 1'-0"

FIRM LICENSE NO. 24353



ARCHITECT OF RECORD:  
NAME: ABBYE BOBBETT  
LICENSE NO. 77051

PROJECT NUMBER: 24198 78BA2

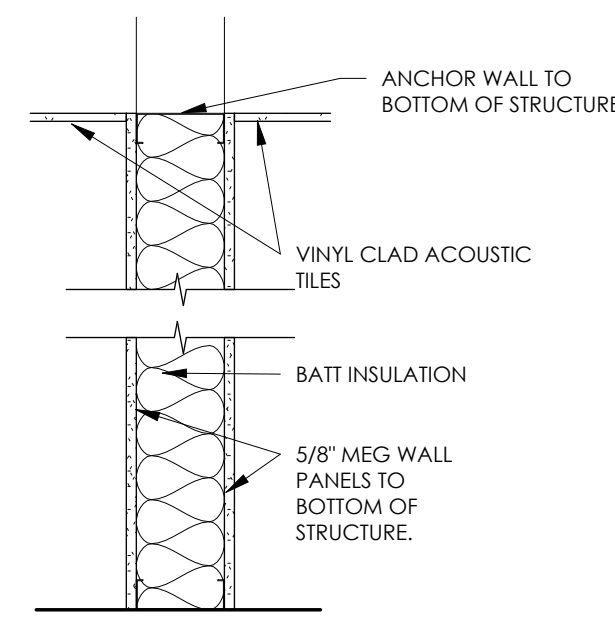
REVISION:

7 BREW COFFEE  
**BRYANT, AR #2**  
2006 N REYNOLDS ROAD  
BRYANT, AR 72022

**AD1.3**  
ARCHITECTURAL DEMOLITION

DATE: AUGUST 15, 2024

**PARTITION TYPES**



**P1** USES 3-1/2\"/>

**ROOM FINISH SCHEDULE**

RM NO.	RM NAME	FLR	BASE	WALLS				CLG	CLG HGT
				TOP	RT	BOT	LT		
101	DINING ROOM	F2	B1	W1/2	W1/2	W1	W1/2	C1	VERIFY
102	SERVICE AREA	F1	B1	W1	W1	W1	W1	C1	VERIFY
103	BACK OF HOUSE	F2	B2	W3	W3	W3	W3	C1	VERIFY
104	STORAGE	F2	B2	W3	W3	W3	W3	C1	VERIFY
105	ELECTRICAL	F2	B2	W3	W3	W3	W3	C1	VERIFY
106	COOLER	F2	B2	W3	W3	W3	W3	C3	VERIFY
107	COOLER	F2	B2	W3	W3	W3	W3	C3	VERIFY
108	MEN'S RESTROOM	F2	B2	W3	W3	W3	W3	C2	VERIFY
109	WOMEN'S RESTROOM	F2	B2	W3	W3	W3	W3	C2	VERIFY
110	OFFICE	F2	B2	W3	W3	W3	W3	C2	VERIFY
111	CORRIDOR	F2	B2	W3	W3	W3	W3	C1	VERIFY

**FINISH LEGEND:**

<b>FLOORS</b>	<b>BASE</b>	<b>WALLS</b>	<b>CEILING</b>
F1 PROTECT-ALL VINYL	B1 METAL COVE BASE	W1 MEG WALL PANELS	C1 VINYL CLAD ACOUSTICAL TILES
F2 EXISTING FLOOR TO REMAIN	B2 NONE	W2 ALUM STOREFRONT SYSTEM	C2 GYPSUM BOARD
		W3 EXPOSED STRUCTURE	C3 EXISTING CEILING TO REMAIN

**NOTES:**

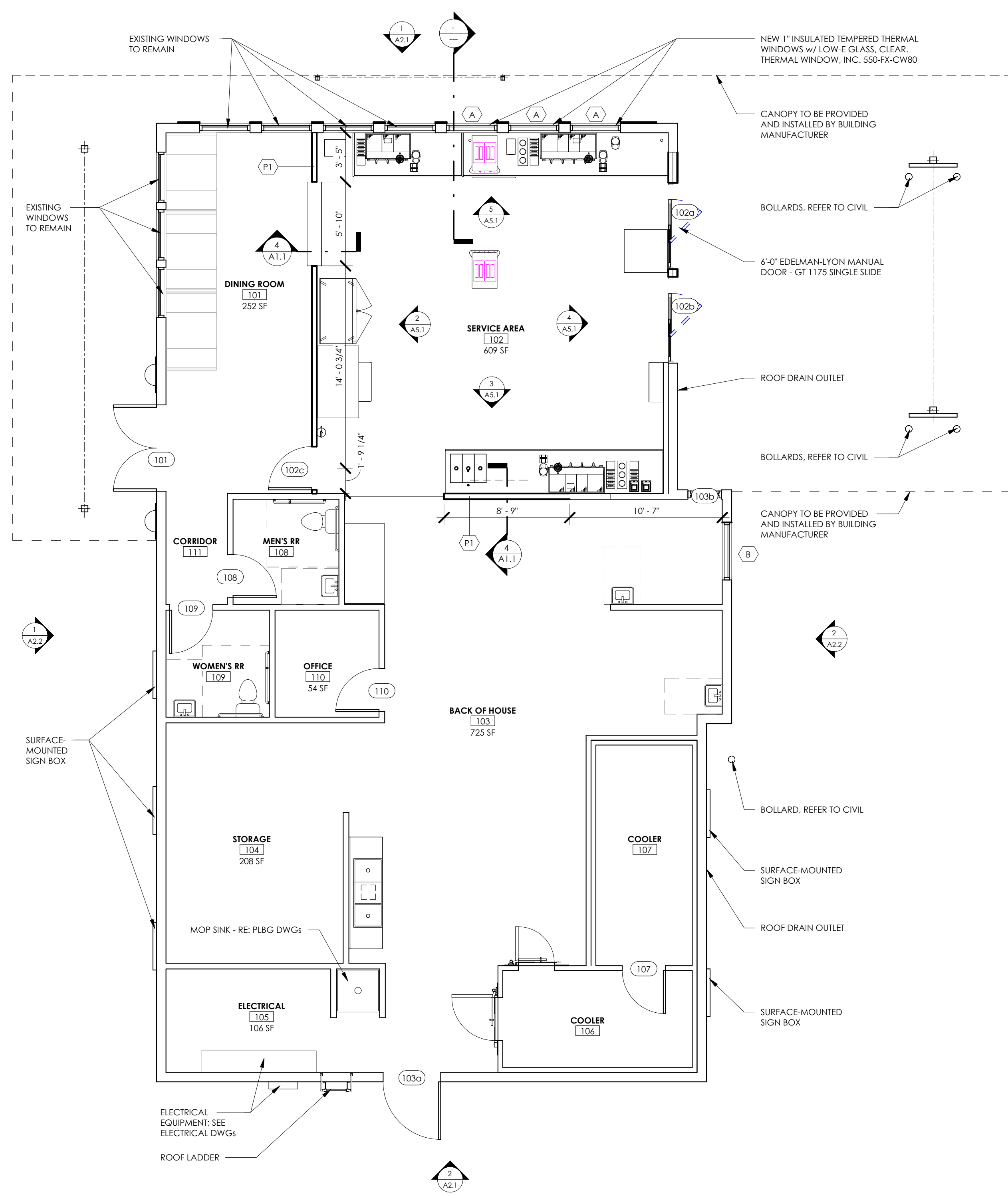
- CONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF THE LANDLORDS CRITERIA PRIOR TO CONSTRUCTION. FAILURE TO ACCOUNT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE HIM FROM ANY RESPONSIBILITY.
- CONTRACTOR SHALL THOROUGHLY VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING AND CONSTRUCTION. ALL DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THESE DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT.



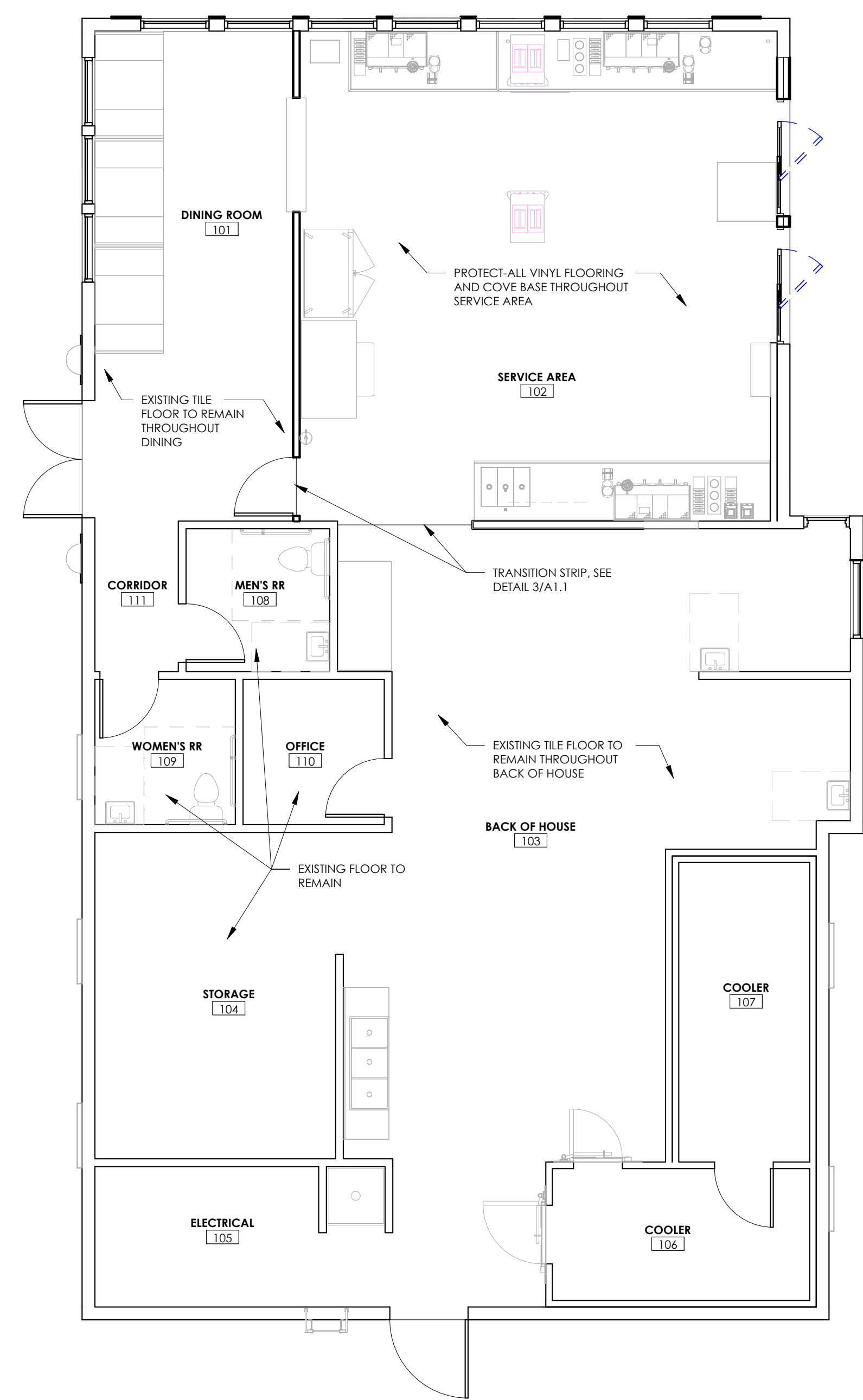
FIRM LICENSE NO. 24353

ARCHITECT OF RECORD:  
NAME: ABBY BOBBETT  
LICENSE NO. 77051

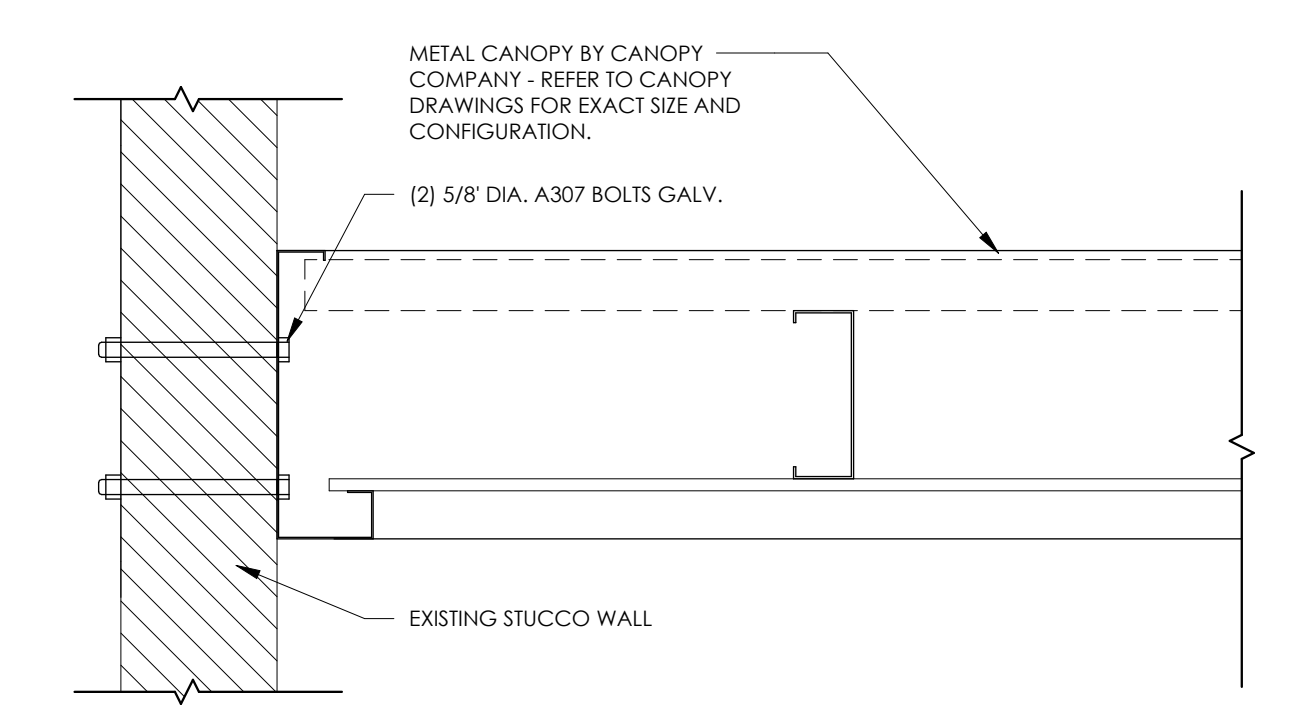
PROJECT NUMBER: 24198 78BA2  
REVISION:



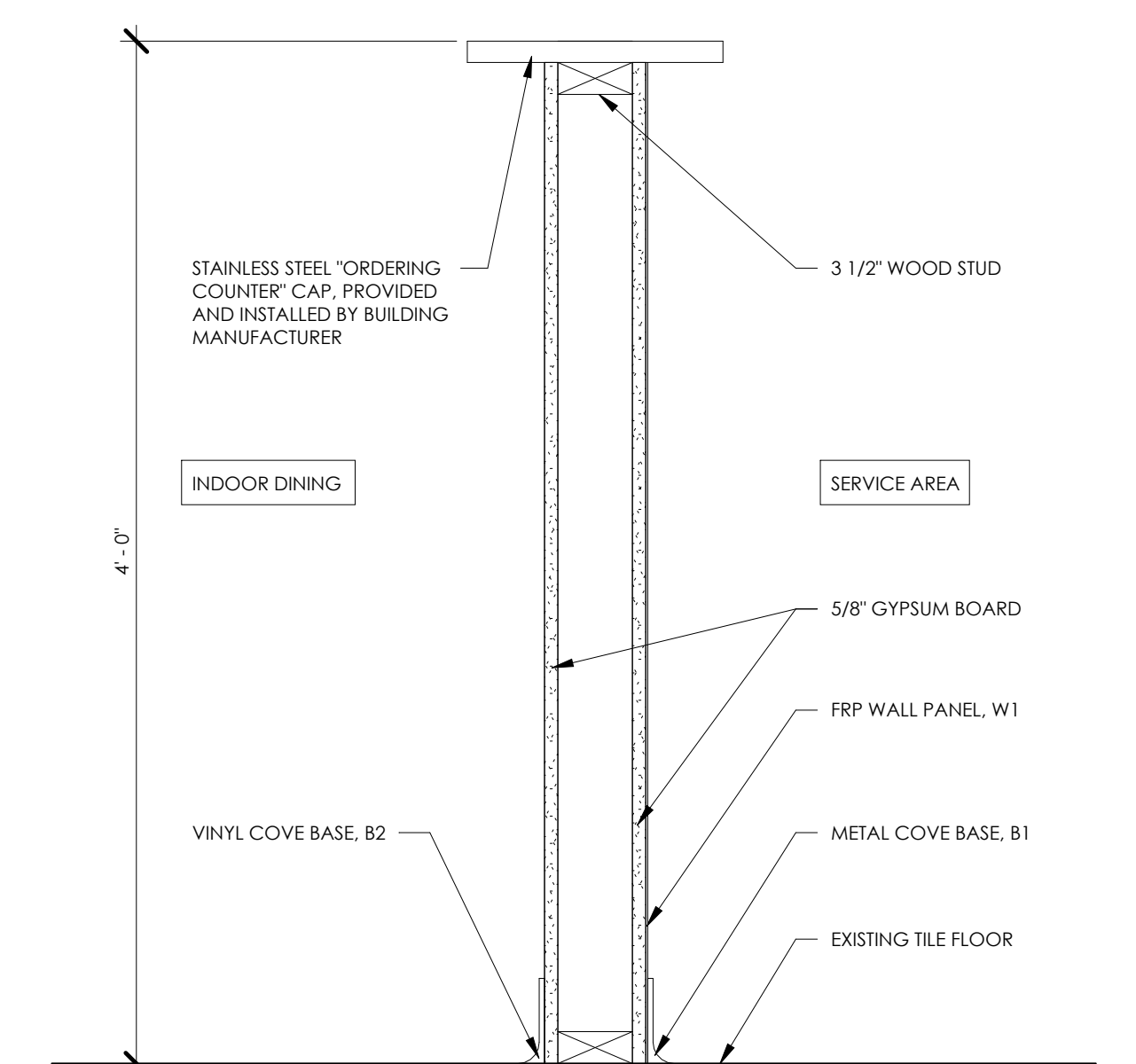
**1** GROUND LEVEL  
3/16" = 1'-0"



**2** FLOOR FINISH PLAN  
3/16" = 1'-0"



**3** DETAIL - CANOPY CONNECTION DETAIL  
1 1/2" = 1'-0"



**4** STAINLESS STEEL LEDGE DETAIL  
1 1/2" = 1'-0"

7 BREW COFFEE  
**BRYANT, AR #2**  
2006 N REYNOLDS ROAD  
BRYANT, AR 72022

**A1.1**  
FLOOR PLANS

DATE: AUGUST 15, 2024

## EGRESS LEGEND

PATH OF EGRESS TRAVELED: 

SPACE OCCUPANCY:

ROOM NAME	ROOM NAME AND NUMBER
101	ROOM AREA, SQUARE FOOTAGE
# # SF	USE GROUP PER IBC SECTION 3
FUNCTION	OCCUPANCY: AREA OF SPACE/AREA ALLOWANCES PER IBC TABLE 1004.1.2
000 OCC.	

DOOR EXIT CAPACITY:

EXIT TYPE (DOOR, STAIR, ETC)	NUMBER OF OCCUPANTS USING THE EXIT.
DOOR EXIT	EGRESS WIDTH REQUIRED FOR NUMBER OF OCCUPANTS USING THE EXIT PER IBC SECTION 1005.
000 OCC.	EGRESS WIDTH PROVIDED.
00' REQ'D.	
00' PROVIDED	

## EGRESS LOADING INFORMATION

OCCUPANCY LOADING CALCULATIONS PER IBC 2021: TABLE 1004.1.2

BUSINESS: 150 S.F. PER OCCUPANT  
STORAGE: 300 S.F. PER OCCUPANT  
ASSEMBLY: 15 S.F. PER OCCUPANT

#	ROOM	OCCUPANCY	CALCULATION	OCCUPANTS
101	DINING ROOM	ASSEMBLY	252 SF/15 SF	17
102	SERVICE AREA	BUSINESS	609 SF/150 SF	5
103	BACK OF HOUSE	BUSINESS	725 SF/150 SF	5
104	STORAGE	STORAGE	208 SF/300 SF	1
105	ELECTRICAL	STORAGE	106 SF/300 SF	1
106	COOLER	STORAGE	89 SF/300 SF	1
107	COOLER	STORAGE	103 SF/300 SF	1
110	OFFICE	BUSINESS	54 SF/150 SF	1
				32

EXIT CAPACITY:  
EGRESS WIDTH REQUIRED: 32 OCCUPANTS X 0.2' PER OCCUPANT REQUIRED = 6.4'  
EGRESS WIDTH PROVIDED: 36'  
EGRESS WIDTH OF 0.2' PER OCCUPANT USED FOR DOORS PER IBC TABLE 1005.

NUMBER OF EXITS REQUIRED:  
(1) EXIT REQUIRED FOR PER STORY FOR LESS THAN 49 OCCUPANTS PER IBC TABLE 1006.2.1.  
(2) EXIT PROVIDED.

MAXIMUM TRAVEL DISTANCE:  
200'-0" PER IBC TABLE 1017.2  
ACTUAL MAX TRAVEL DISTANCE TO EXIT: 38'-0"

DEAD END CORRIDOR:  
20'-0" MAX LENGTH OF DEAD END CORRIDOR PER IBC SECTION 1018

## RESTROOM LOADING

OCCUPANCY:  
32 OCCUPANTS

RESTROOM FIXTURES REQUIRED/PROVIDED - USE GROUP: BUSINESS

TOILET COUNT: = 1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50

LAVATORY COUNT: = 1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80

TUB/ SHOWERS: = NOT REQUIRED

DRINKING FOUNTAINS: = 1 PER 100

OTHER: = 1 SERVICE SINK

PLUMBING FIXTURE COUNT PER IBC TABLE 2902.1

TOILET COUNT:  
WATER CLOSETS REQUIRED: 32 OCCUPANTS / 25 = 2 WATER CLOSET REQUIRED  
WATER CLOSETS PROVIDED: = 2 WATER CLOSETS PROVIDED

LAVATORY COUNT:  
SINKS REQUIRED: 32 OCCUPANTS / 40 = 1 REQUIRED  
SINKS PROVIDED: = 2 PROVIDED

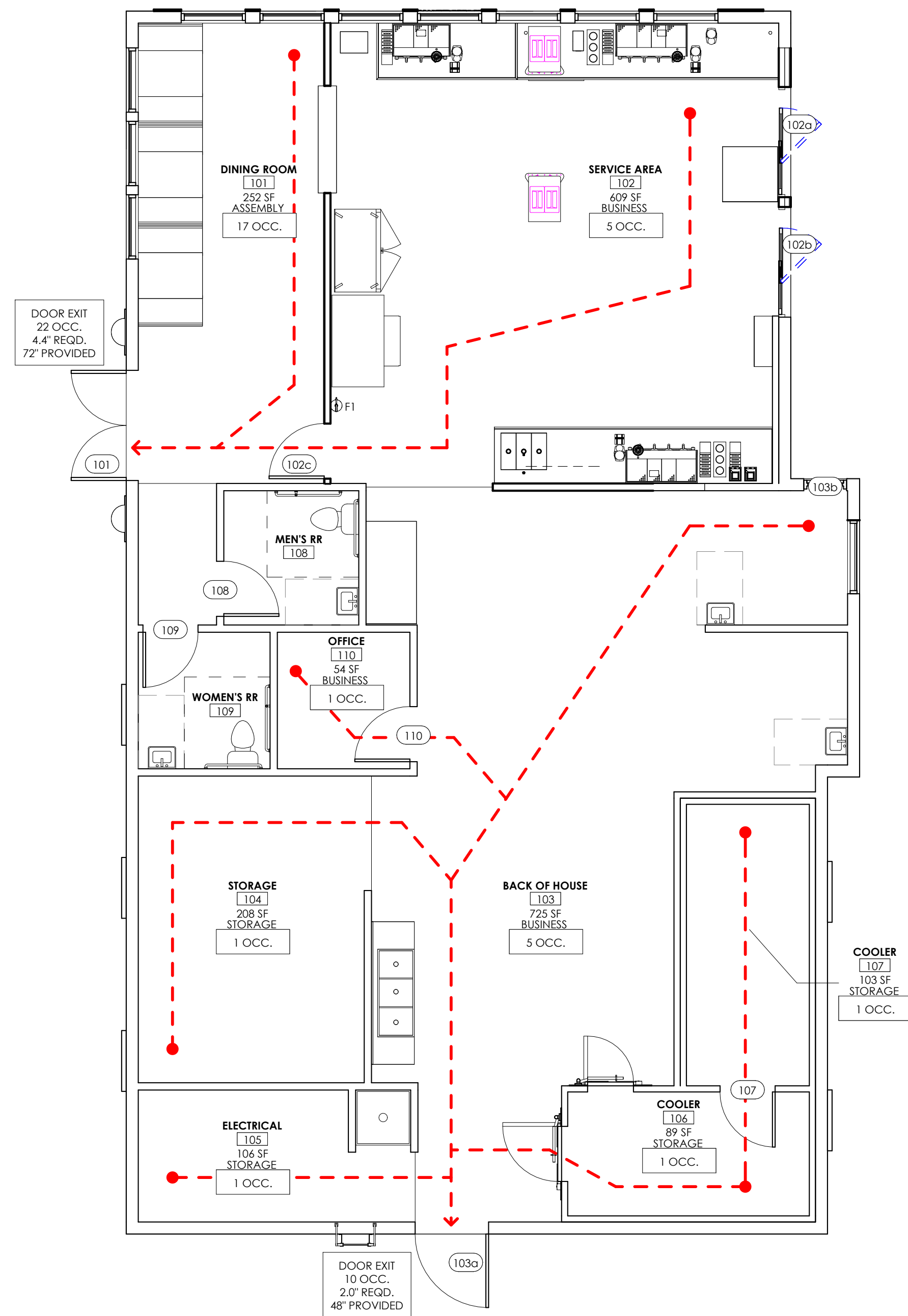
DRINKING FOUNTAIN COUNT:  
DRINKING FOUNTAINS REQUIRED: 32 OCCUPANTS / 100 = 1 REQUIRED  
DRINKING FOUNTAIN PROVIDED: = WATER WILL BE PROVIDED FOR FREE UPON REQUEST.

SERVICE SINK COUNT:  
SERVICE SINKS REQUIRED: = 1 REQUIRED  
SERVICE SINK PROVIDED: = 1 PROVIDED

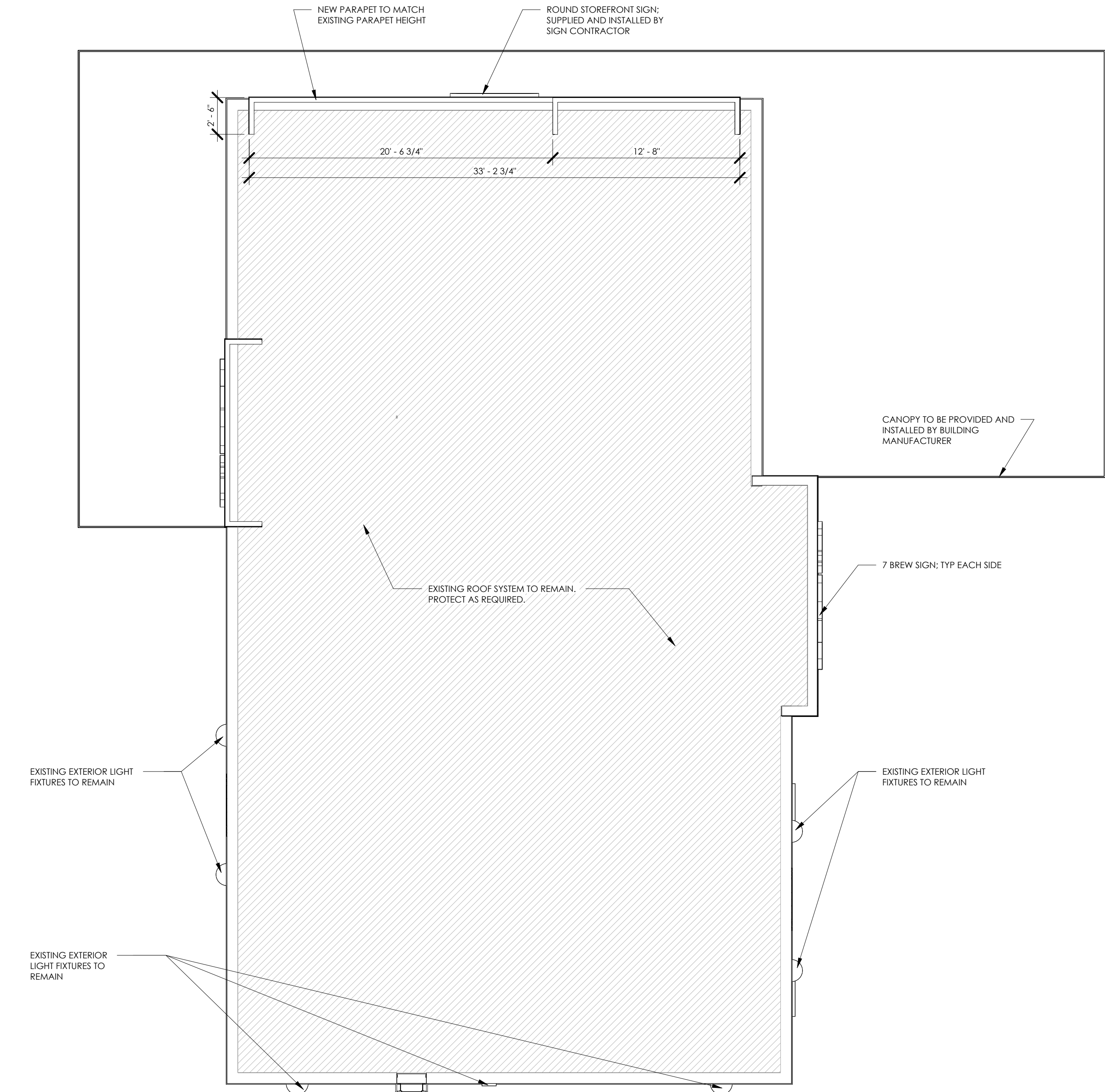
## FIRE EXTINGUISHER NOTES

F1 10 LBS. ABC FIRE EXTINGUISHER ON WALL MOUNTED BRACKET. MOUNT HANDLE @ 4'-0".

75'-0" RADIUS FROM FIRE EXTINGUISHER @ F1 (NOT SHOWN, ENCOMPASSES ENTIRE BUILDING)

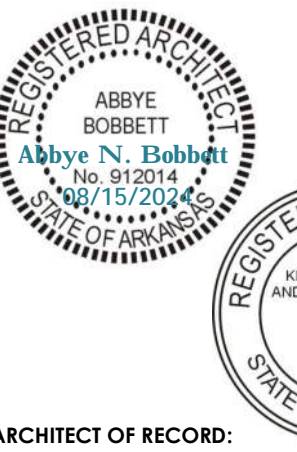


1 EGRESS PLAN  
3/16" = 1'-0"



2 ROOF PLAN  
3/16" = 1'-0"

FIRM LICENSE NO. 24353



ARCHITECT OF RECORD:  
NAME: ABBYE BOBBETT  
LICENSE NO. 77051

PROJECT NUMBER: 24198 78BA2

REVISION:

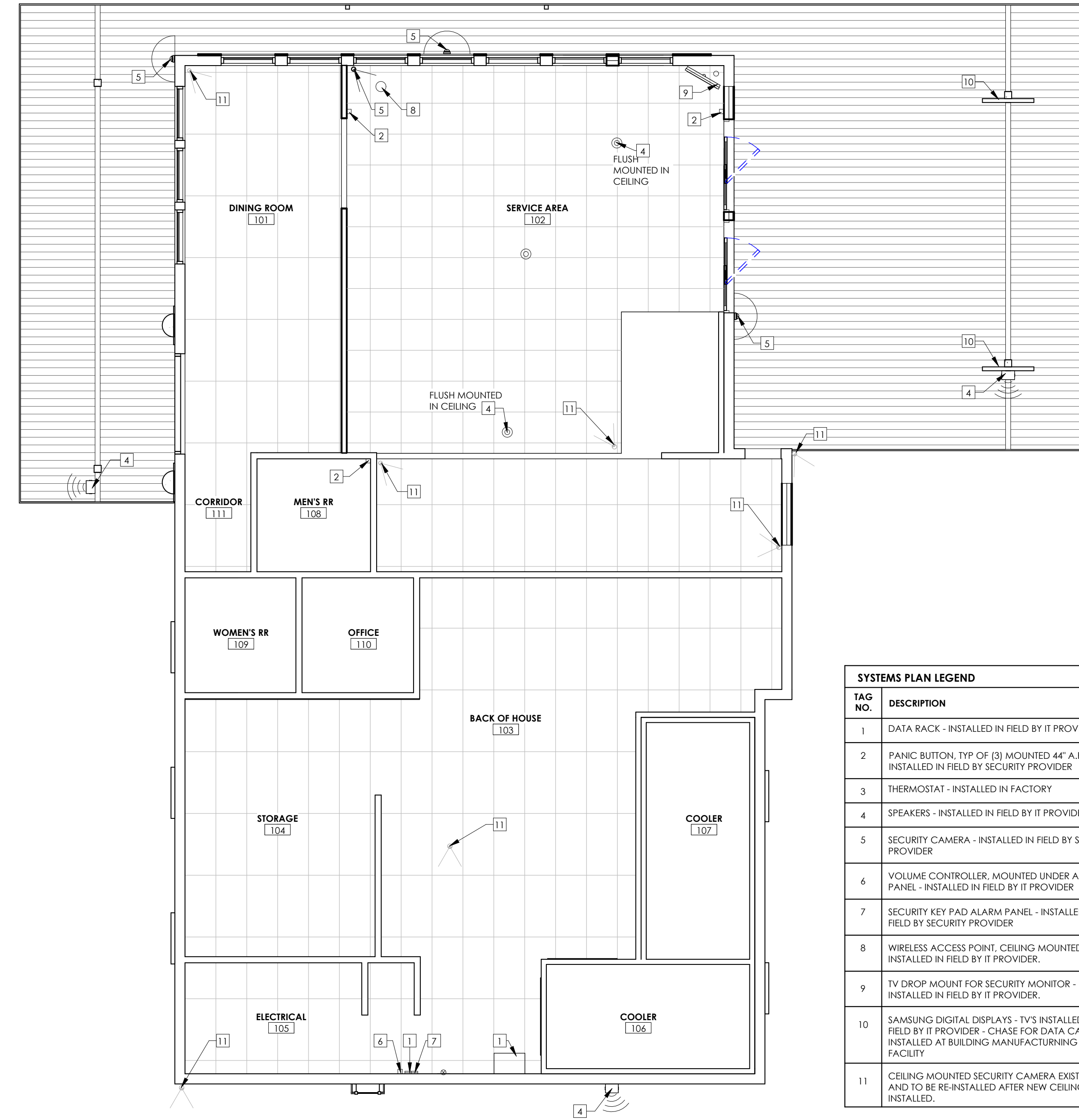
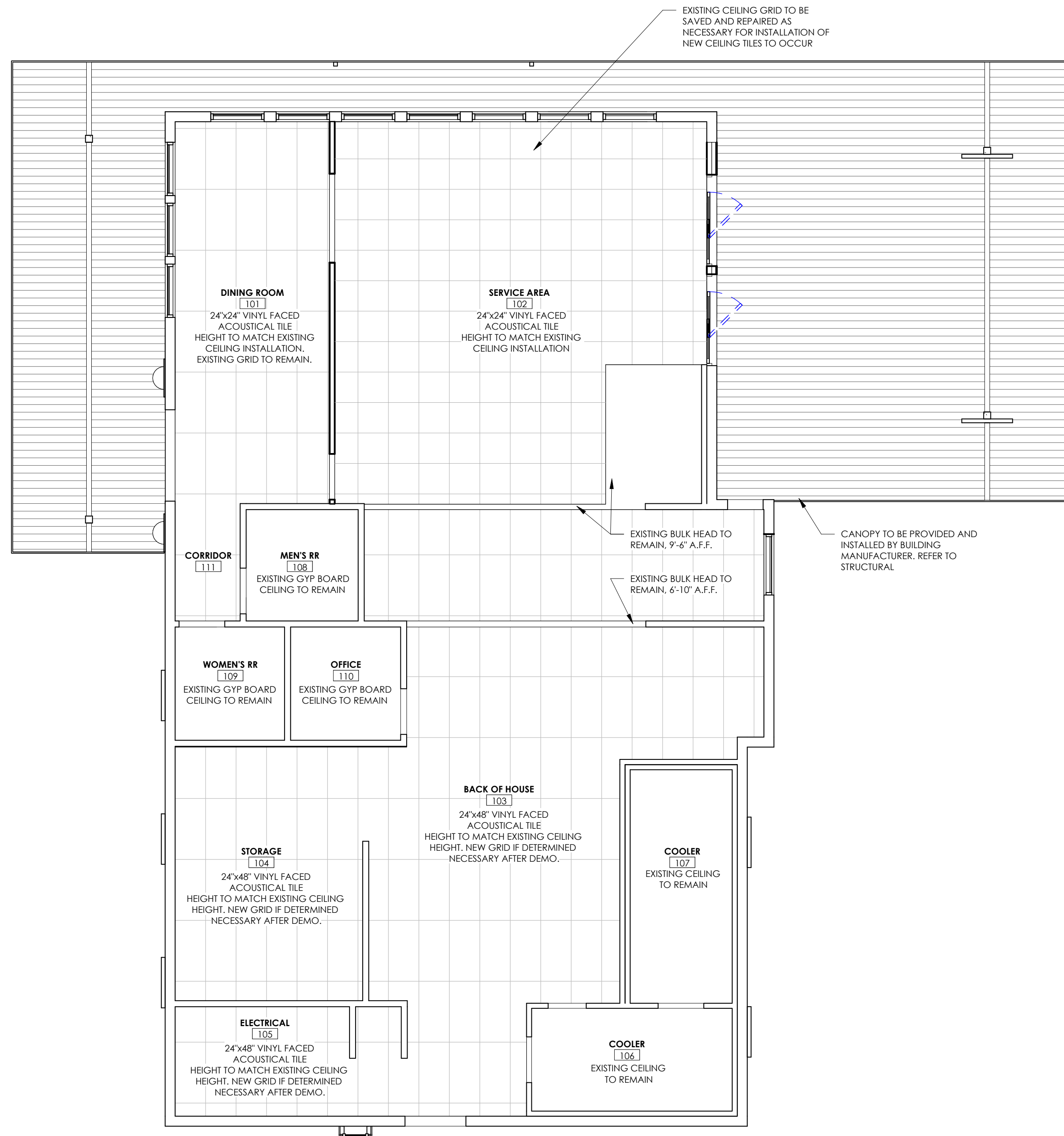
7 BREW COFFEE  
BRYANT, AR #2

2006 N REYNOLDS ROAD  
BRYANT, AR 72022

A1.2

ROOF PLAN / EGRESS PLAN

DATE: AUGUST 15, 2024

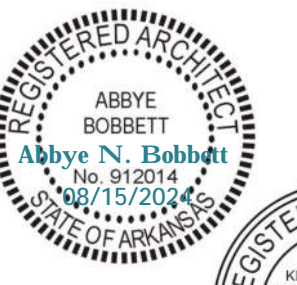


TAG NO.	DESCRIPTION
1	DATA RACK - INSTALLED IN FIELD BY IT PROVIDER
2	PANIC BUTTON, TYP OF (3) MOUNTED 44" A.F.F. - INSTALLED IN FIELD BY SECURITY PROVIDER
3	THERMOSTAT - INSTALLED IN FACTORY
4	SPEAKERS - INSTALLED IN FIELD BY IT PROVIDER
5	SECURITY CAMERA - INSTALLED IN FIELD BY SECURITY PROVIDER
6	VOLUME CONTROLLER, MOUNTED UNDER ALARM PANEL - INSTALLED IN FIELD BY IT PROVIDER
7	SECURITY KEY PAD ALARM PANEL - INSTALLED IN FIELD BY SECURITY PROVIDER
8	WIRELESS ACCESS POINT, CEILING MOUNTED - INSTALLED IN FIELD BY IT PROVIDER.
9	TV DROP MOUNT FOR SECURITY MONITOR - INSTALLED IN FIELD BY IT PROVIDER.
10	SAMSUNG DIGITAL DISPLAYS - TV'S INSTALLED IN FIELD BY IT PROVIDER - CHASE FOR DATA CABLE INSTALLED AT BUILDING MANUFACTURING FACILITY
11	CEILING MOUNTED SECURITY CAMERA EXISTING AND TO BE RE-INSTALLED AFTER NEW CEILING IS INSTALLED.

1 RCP - GROUND LEVEL  
3/16" = 1'-0"

2 SYSTEMS PLAN  
3/16" = 1'-0"

FIRM LICENSE NO. 24353



ARCHITECT OF RECORD:  
NAME: ABBYE BOBBETT  
LICENSE NO. 77051

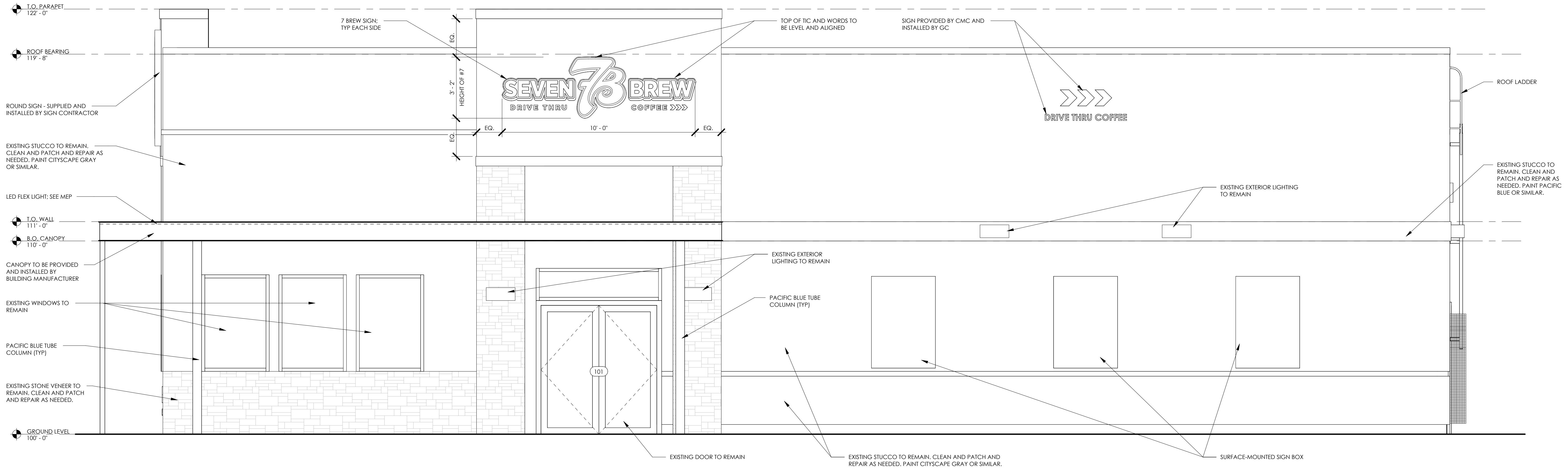
PROJECT NUMBER: 24198 78BA2  
REVISION:

7 BREW COFFEE  
**BRYANT, AR #2**  
2006 N REYNOLDS ROAD  
BRYANT, AR 72022

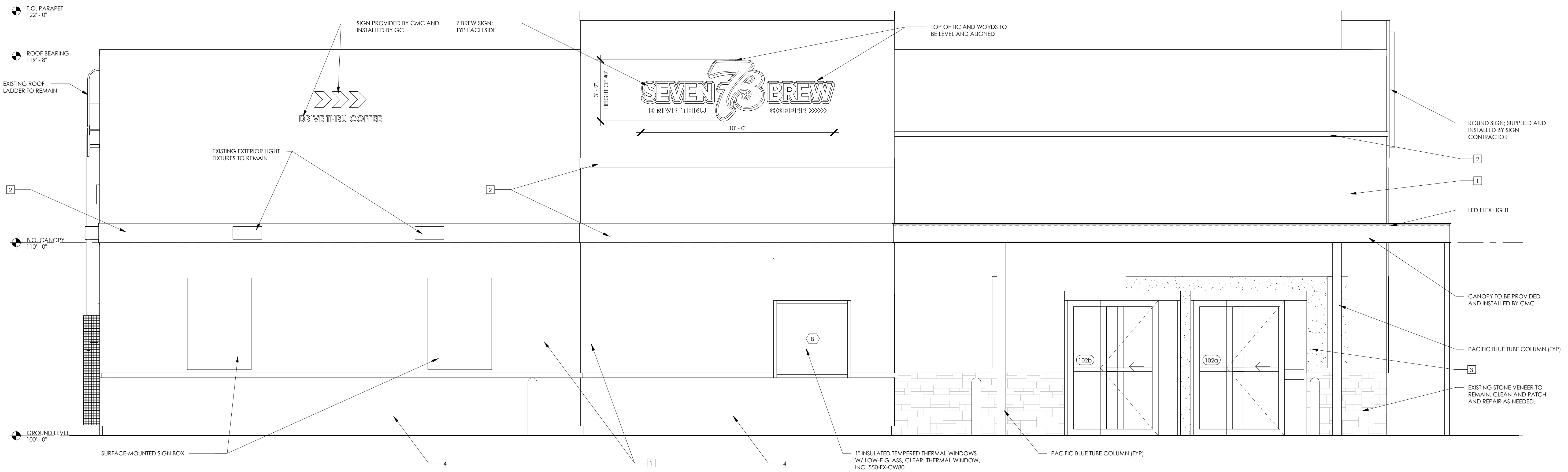
**A1.3**  
REFLECTED CEILING PLANS

DATE: AUGUST 15, 2024



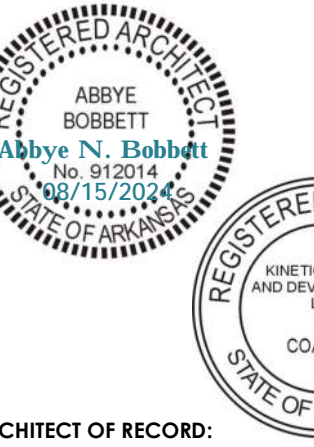


1 EXTERIOR ELEVATION - RIGHT SIDE  
3/8" = 1'-0"



2 EXTERIOR ELEVATION - LEFT SIDE  
3/8" = 1'-0"

FIRM LICENSE NO. 24353



ARCHITECT OF RECORD:  
NAME: ABBY BOBBETT  
LICENSE NO. 77051

PROJECT NUMBER: 24198 78BA2  
REVISION:

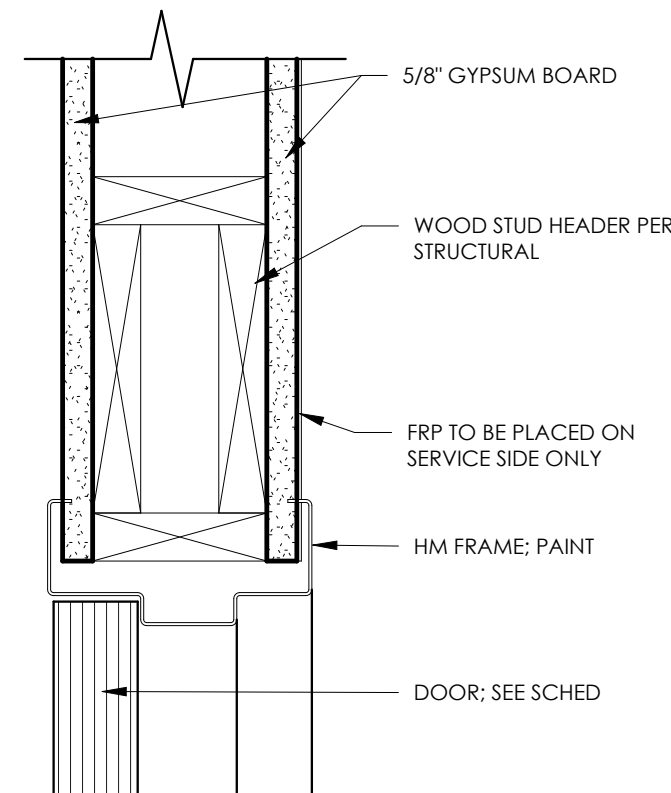
7 BREW COFFEE  
BRYANT, AR #2

2006 N REYNOLDS ROAD  
BRYANT, AR 72022

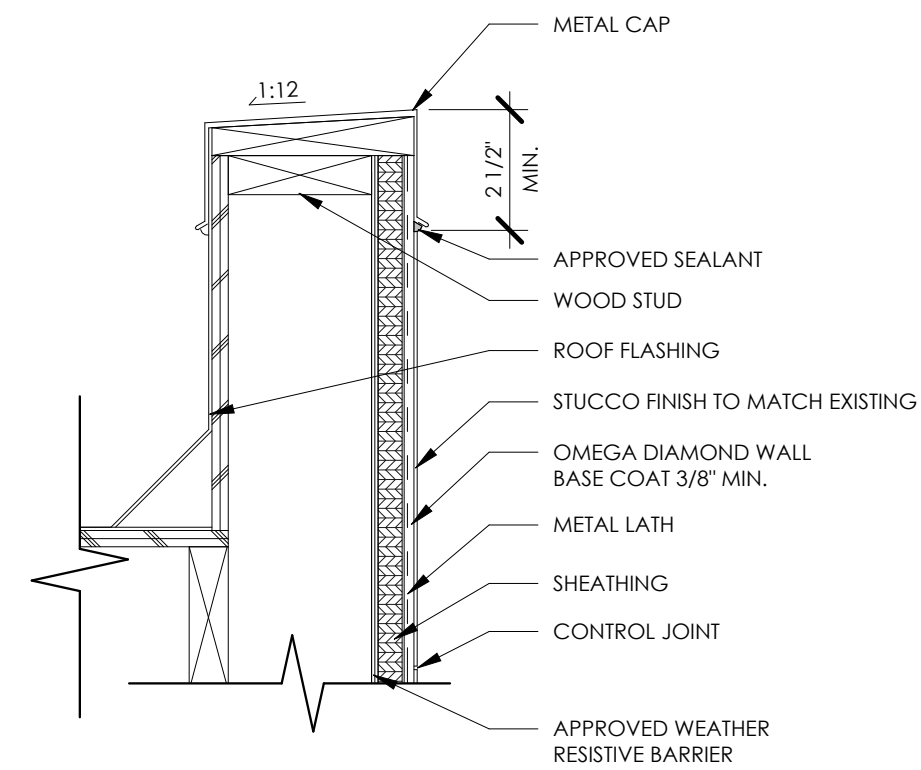
A2.2  
EXTERIOR ELEVATIONS

DATE: AUGUST 15, 2024

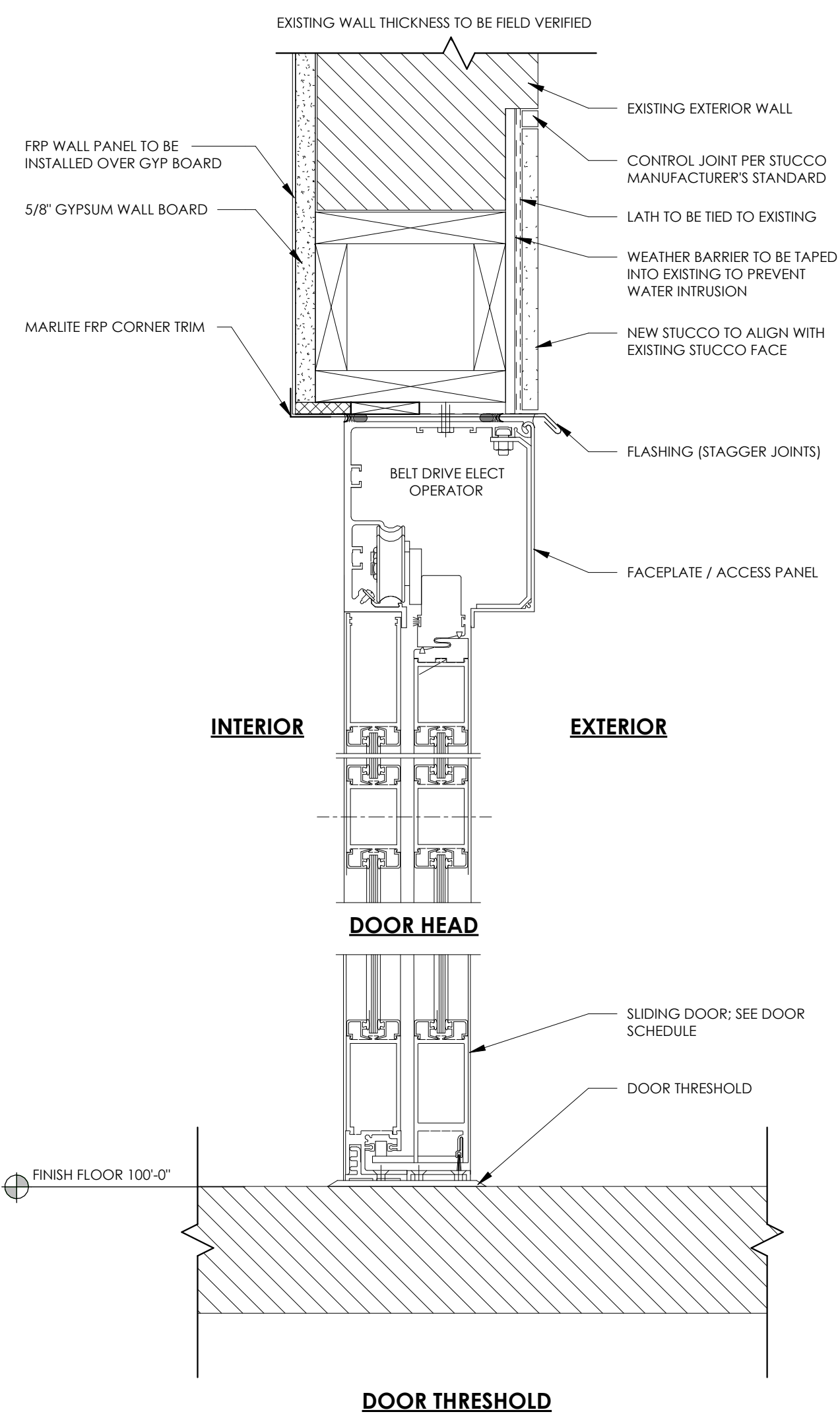




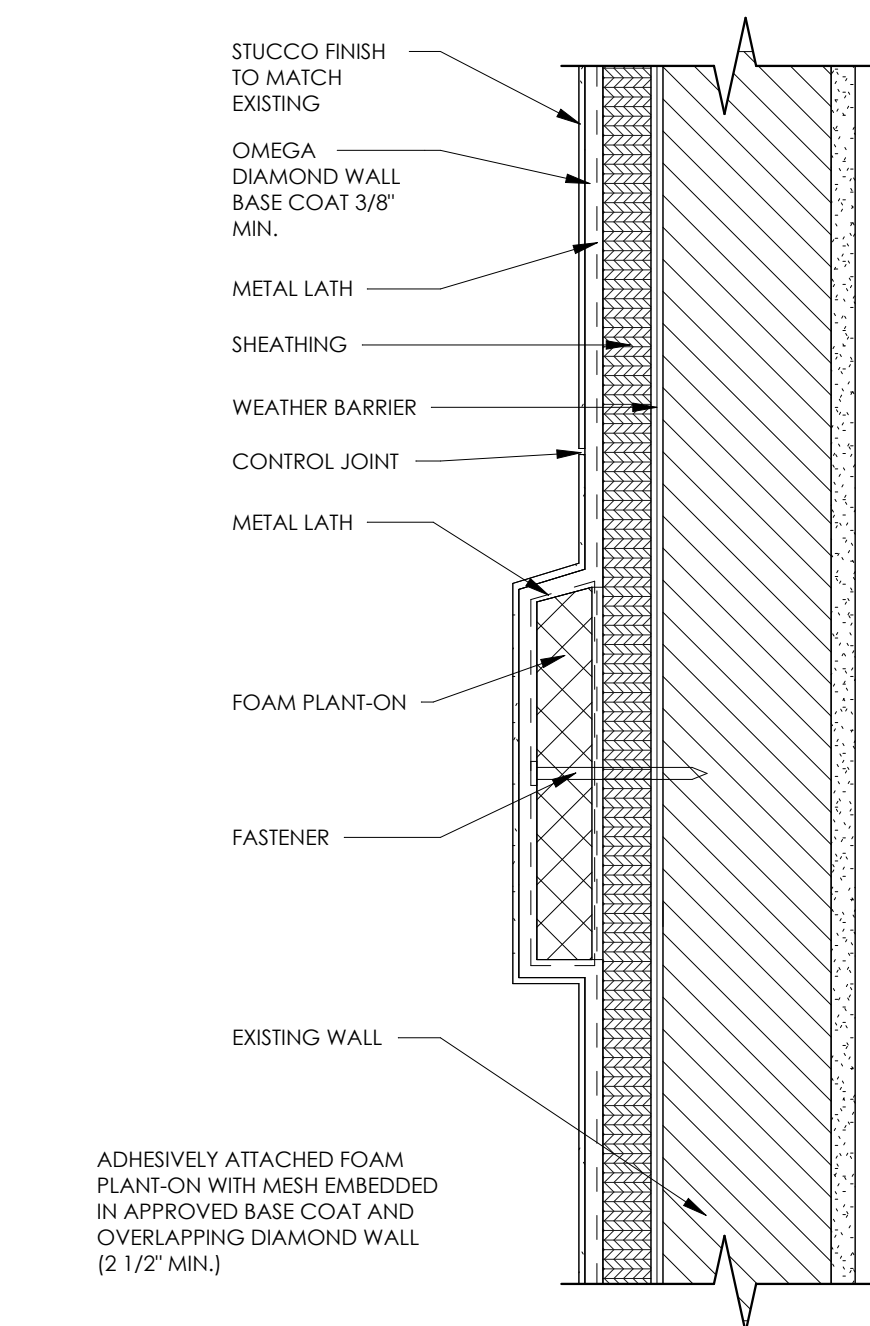
1 DOOR HEAD @ HM FRAME  
3" = 1'-0"



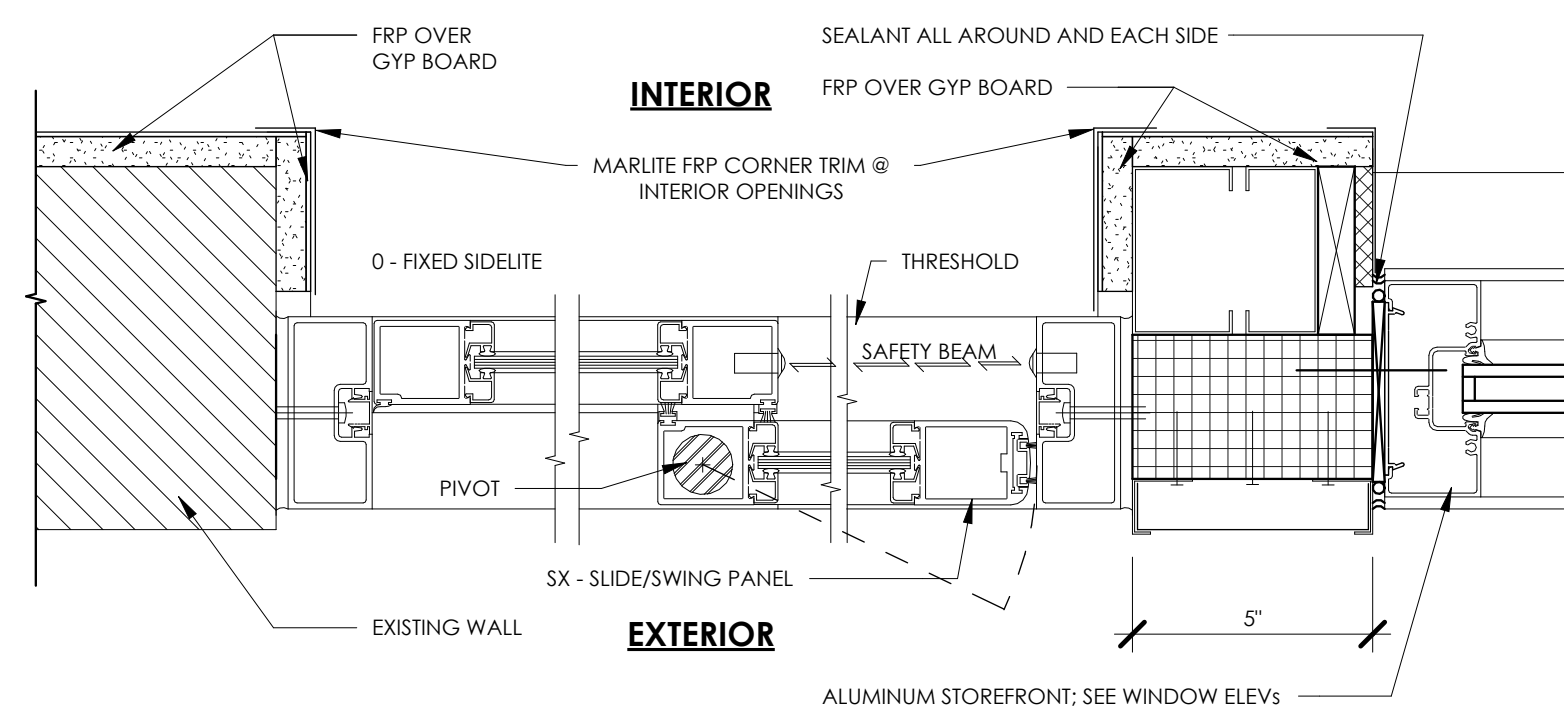
2 PARAPET DETAIL  
3" = 1'-0"



3 SLIDING DOOR HEAD/THRESHOLD  
3" = 1'-0"



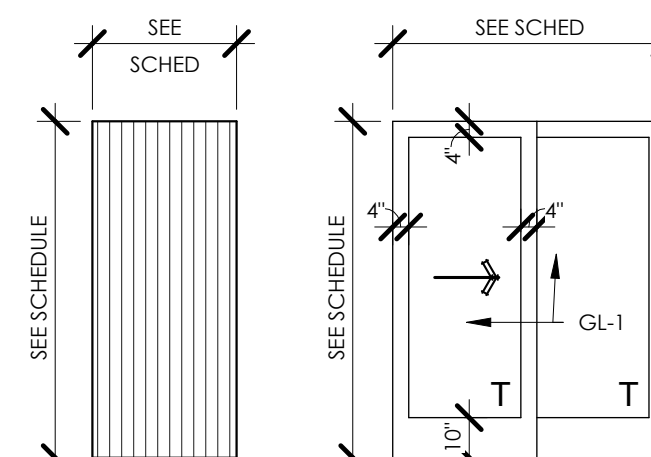
4 TYPICAL FOAM PLANT-ONS  
3" = 1'-0"



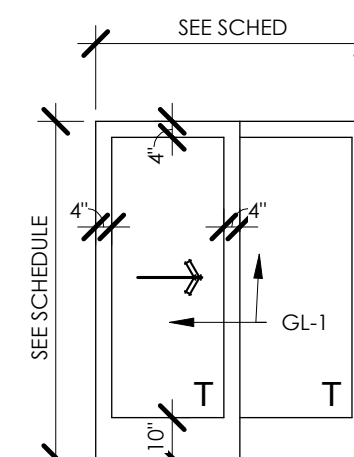
5 SLIDING DOOR JAMB  
3" = 1'-0"

DOOR SCHEDULE									
DOOR NUMBER	ROOM	SIZE	DOOR		FRAME		DETAILS		HARDWARE SET
			TYPE	MATERIAL	TYPE	MATERIAL	HEAD	JAMB	
101	DINING ROOM	EX	EX		EX		EX		EX
102a	SERVICE AREA	6'-0"x7'-6"	D2	ALUM	F2	ALUM	3/A4.2	3/A4.1	2
102b	SERVICE AREA	6'-0"x7'-6"	D2	ALUM	F2	ALUM	3/A4.1	3/A4.1	2
102c	DINING ROOM	3'-0"x6'-8"	D1	HM	F1	HM	1/A4.1	1/A4.1 SIM	1
103a	BACK OF HOUSE	EX	EX		EX		EX		EX
103b	BACK OF HOUSE	EX	EX		EX		EX		EX
107	COOLER	EX	EX		EX		EX		EX
108	MEN'S RR	EX	EX		EX		EX		EX
109	WOMEN'S RR	EX	EX		EX		EX		EX
110	OFFICE	EX	EX		EX		EX		EX

**DOOR ELEVATIONS**

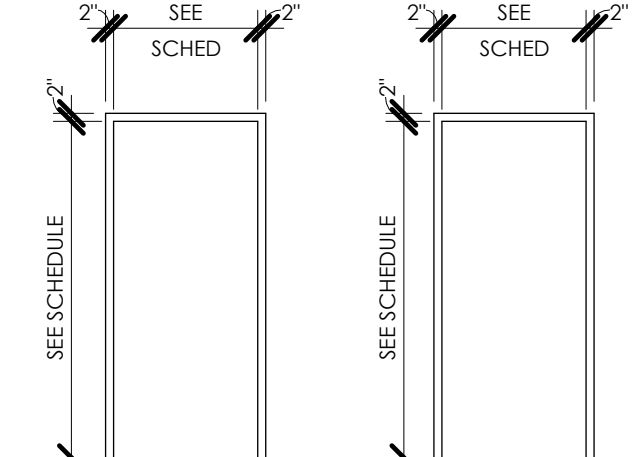


D1  
HOLLOW METAL OR INSULATED HM (IHM)

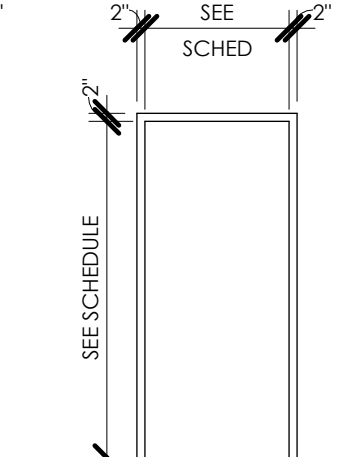


D2  
SLIDING ALUMINUM & GLASS

**FRAME ELEVATIONS**



F1  
HOLLOW METAL FRAME



F2  
ALUMINUM FRAME

**DOOR SCHEDULE NOTES:**

- REFER TO DOOR SCHEDULE FOR HARDWARE SETS
- PAINT INTERIOR DOORS AND FRAMES SHERWIN WILLIAMS HONORABLE BLUE (SW6811), LOW SHEEN
- REFER TO CODE COMPLIANCE DOOR NOTES (BELOW) FOR ADDITIONAL REQUIREMENTS.

**CODE COMPLIANCE DOOR NOTES:**

ALL EXIT DOORS SHALL CONFORM TO THE FOLLOWING PROVISIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE STATE OF ARKANSAS ACCESSIBILITY CODE:

- THE EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF ANY SPECIAL KNOWLEDGE OR EFFORT WHEN THE BUILDING IS OCCUPIED.
- ALL HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34" TO 48" A.F.F. AND SHALL BE OPERATED WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE.
- DOOR LEADING TO UNisex TOILET ROOM SHALL BE IDENTIFIED WITH A 12" DIAMETER CIRCLE WITH A TRIANGLE SUPERIMPOSED ON THE CIRCLE AND WITHIN THE 12" DIAMETER. SIGN/SYMBOL SHALL BE MOUNTED ON THE WALL ON THE LATCH SIDE OF THE DOOR AND 60" A.F.F. AND NO MORE THAN 8" FROM THE EDGE OF THE DOOR TO THE EDGE OF THE SIGN.

**GENERAL NOTES**

ALL GLAZING FOR EXTERIOR DOOR OR WINDOW FRAMES SHALL BE INSULATED  
ALL GLAZING FOR INTERIOR DOOR OR WINDOW FRAMES SHALL BE UNINSULATED, SINGLE PANE

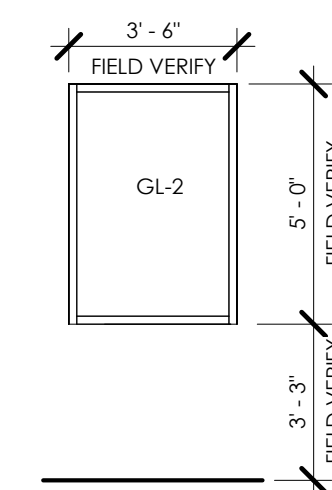
**DOOR & FRAME FINISH LEGEND**

- AL = ALUM DOOR OR FRAME
- HM = HOLLOW METAL DOOR OR FRAME
- F1 = PAINTED
- F2 = PREFINISHED; CLEAN & PROTECT

**GLAZING SCHEDULE**

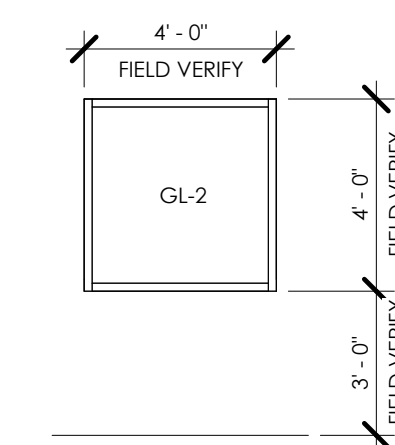
- GL-1 1" INSULATED SAFETY GLASS, CLEAR
- GL-2 1" INSULATED TEMPERED GLASS, CLEAR

**WINDOW ELEVATIONS**



A  
ALUMINUM STOREFRONT

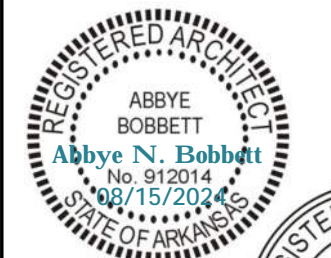
FIELD VERIFY ADJACENT WINDOW SIZE. DESIGN INTENT IS FOR THESE TO MATCH EXISTING WINDOWS ON THIS FACADE.



B  
ALUMINUM STOREFRONT

FIELD VERIFY EXISTING WINDOW OPENING

FIRM LICENSE NO. 24353



ARCHITECT OF RECORD:

NAME: ABBY BOBBETT  
LICENSE NO. 77051

PROJECT NUMBER: 24198 78BA2

REVISION:

7 BREW COFFEE  
**BRYANT, AR #2**  
2006 N REYNOLDS ROAD  
BRYANT, AR 72022

**A4.1**  
DOORS AND WINDOWS

DATE: AUGUST 15, 2024



**GENERAL NOTES:**

- UTILITY ROUTINGS ARE DIAGRAMMATIC. ADJUST EXACT ROUTING TO ACCOMMODATE FIELD CONDITIONS. REFER TO CIVIL AND PUBLIC IMPROVEMENT PLANS FOR NEW SEWER, WATER AND STORMWATER PIPING.
- REFER TO CIVIL AND PUBLIC IMPROVEMENT PLANS FOR LOCATION AND COORDINATION OF ALL EASEMENTS.
- REVIEW ALL CIVIL AND PUBLIC IMPROVEMENT PLANS AND COORDINATE ALL WORK WITH DIFFERENT DISCIPLINES. REVIEW AND OBTAIN APPROVAL FROM THE CITY OF JOHNSTOWN UTILITY COMPANIES PRIOR TO PERFORMING ANY UTILITY WORK.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS. PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR DIMENSIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING TEMPORARY TELEPHONE, ELECTRICAL AND WATER SERVICES REQUIRED DURING CONSTRUCTION, AND SHALL PAY ALL ASSOCIATED COSTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH TELECOMMUNICATIONS AND CABLE TELEVISION SERVICE PROVIDERS TO FACILITATE AND SCHEDULE INSTALLATION OF SERVICES. CONTRACTOR SHALL COORDINATE WITH OWNER FOR SERVICE PROVIDER CONTACT. THE OWNER SHALL BE RESPONSIBLE FOR ALL COSTS, CHARGES, FEES, ETC. INCURRED BY SERVICE PROVIDERS. PROVIDE ALL MATERIALS AS REQUIRED BY LOCAL AUTHORITIES FOR SERVICE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITIES.
- ALL SITE ELECTRICAL INSTALLATIONS AND CONSTRUCTION SHALL BE PER THE MOST RECENT EDITIONS OF THE NATIONAL ELECTRIC SAFETY CODE (NEC) AND THE NATIONAL ELECTRIC CODE (NEC) STANDARDS AND SPECIFICATIONS.
- COORDINATE ALL TRANSFORMER LOCATIONS WITH OTHER UTILITIES INDICATED ON CIVIL PLANS.
- REFER TO CIVIL PLANS FOR ALL SITE SANITARY SEWER WORK.



08-15-24

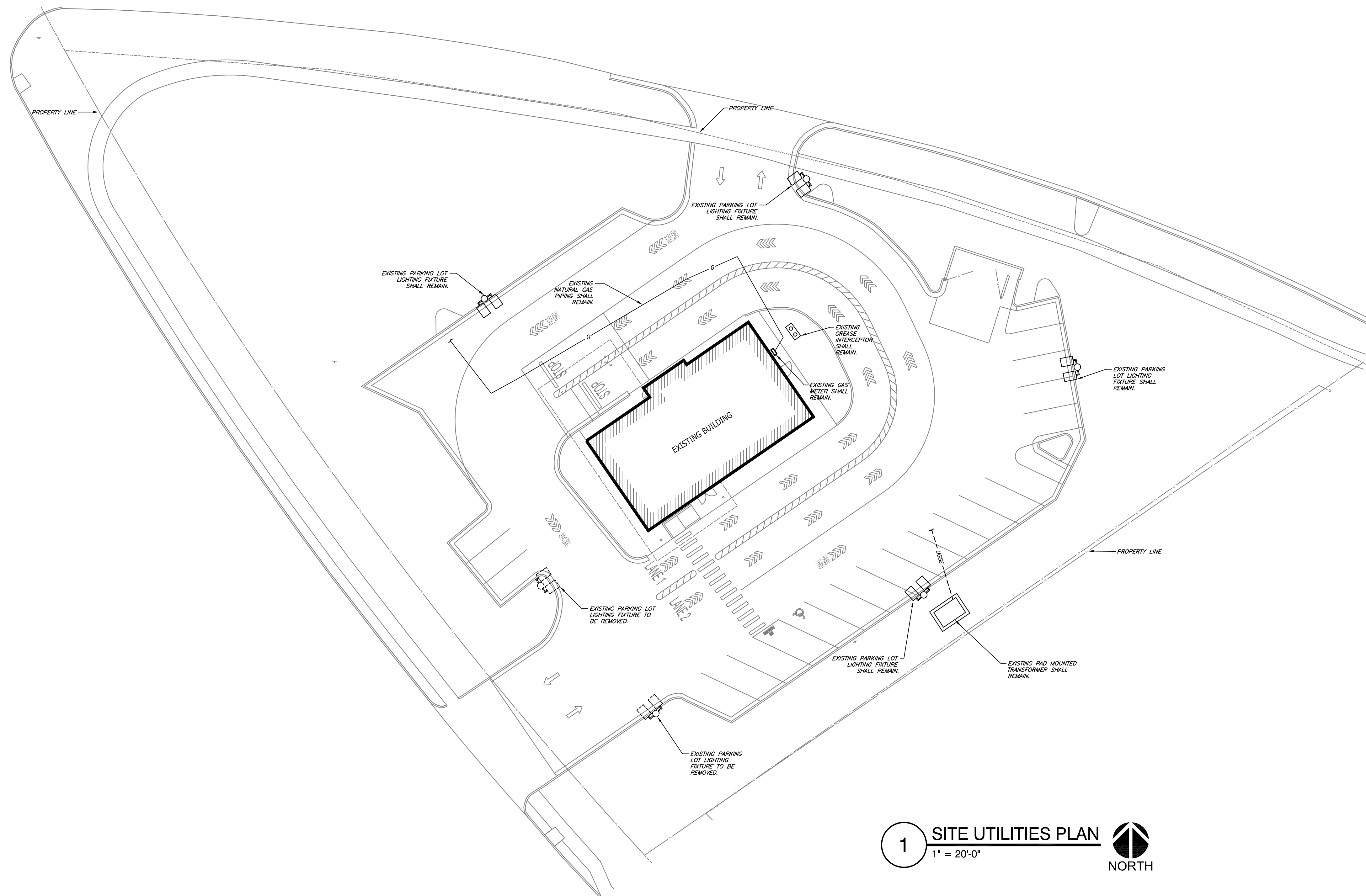
ENGINEER OF RECORD:

NAME: RYAN JONES

LICENSE NO. PE-16638

PROJECT NUMBER: 24045 7BBA

REVISION:



**SITE UTILITIES SYMBOLS:**

— OHE —	OVERHEAD ELECTRIC
— UGPE —	UNDERGROUND PRIMARY ELECTRIC
— UGSE —	UNDERGROUND SECONDARY ELECTRIC
— UG —	UNDERGROUND TELECOMMUNICATIONS
— UGC —	UNDERGROUND CABLE TV

7 BREW COFFEE  
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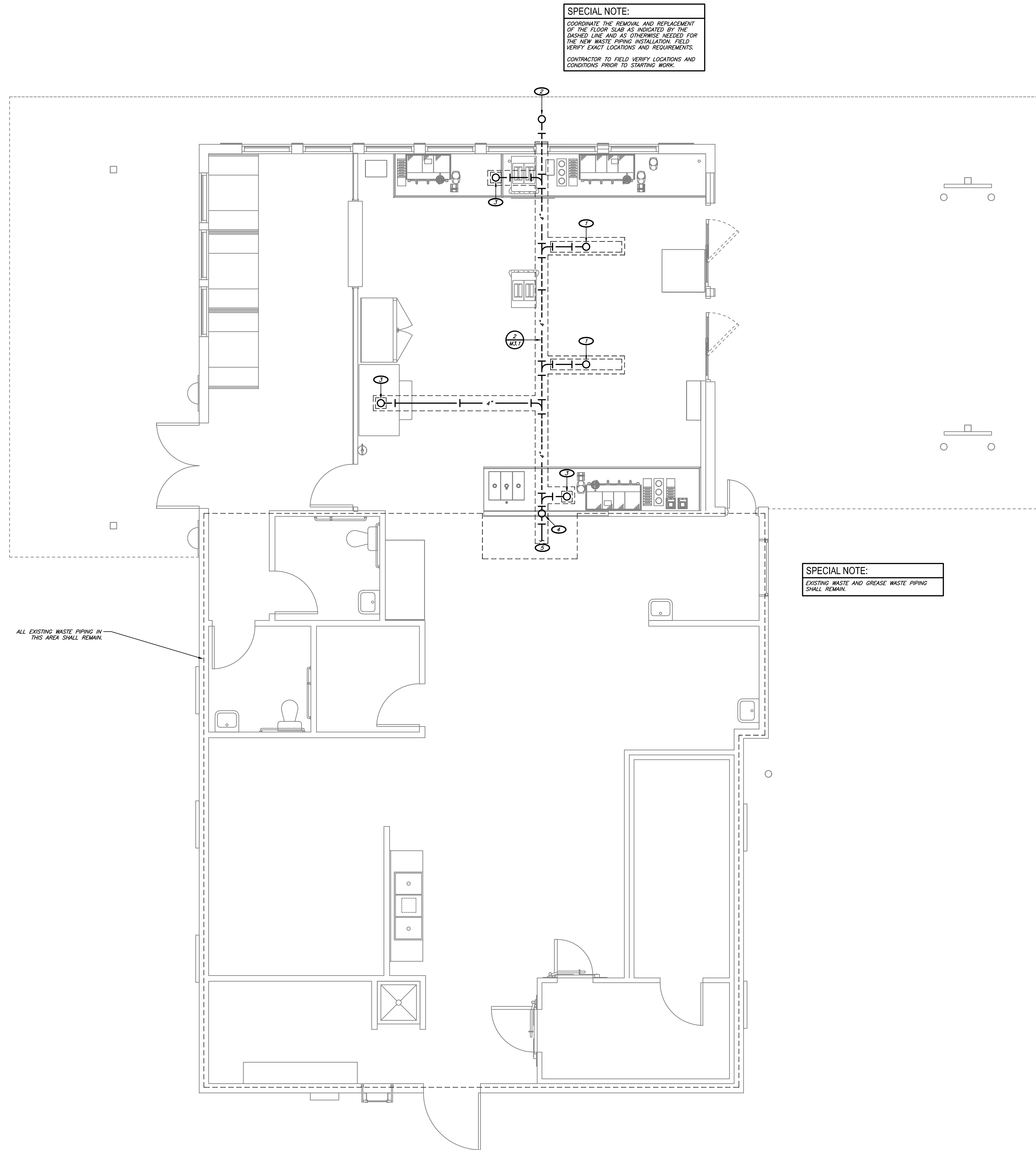
**1 SITE UTILITIES PLAN**  
 1" = 20'-0"  
 NORTH

**CJD**  
 Engineering | Energy | Innovation  
 2225 West Chesterfield Boulevard, Suite 200, Springfield, MO 65807  
 P: 417.877.1700 F: 417.824.7735 www.cjd-eng.com  
 Arkansas State Certificate of Authority #800094966

**SU1.1**  
 SITE UTILITIES PLAN

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DATE: AUGUST 15, 2024



**SPECIAL NOTE:**  
 COORDINATE THE REMOVAL AND REPLACEMENT OF THE FLOOR SLAB AS INDICATED BY THE DASHED LINE AND AS OTHERWISE NEEDED FOR THE NEW WASTE PIPING INSTALLATION. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS. CONTRACTOR TO FIELD VERIFY LOCATIONS AND CONDITIONS PRIOR TO STARTING WORK.

**SPECIAL NOTE:**  
 EXISTING WASTE AND GREASE WASTE PIPING SHALL REMAIN.

ALL EXISTING WASTE PIPING IN THIS AREA SHALL REMAIN.

**KEYNOTES:**

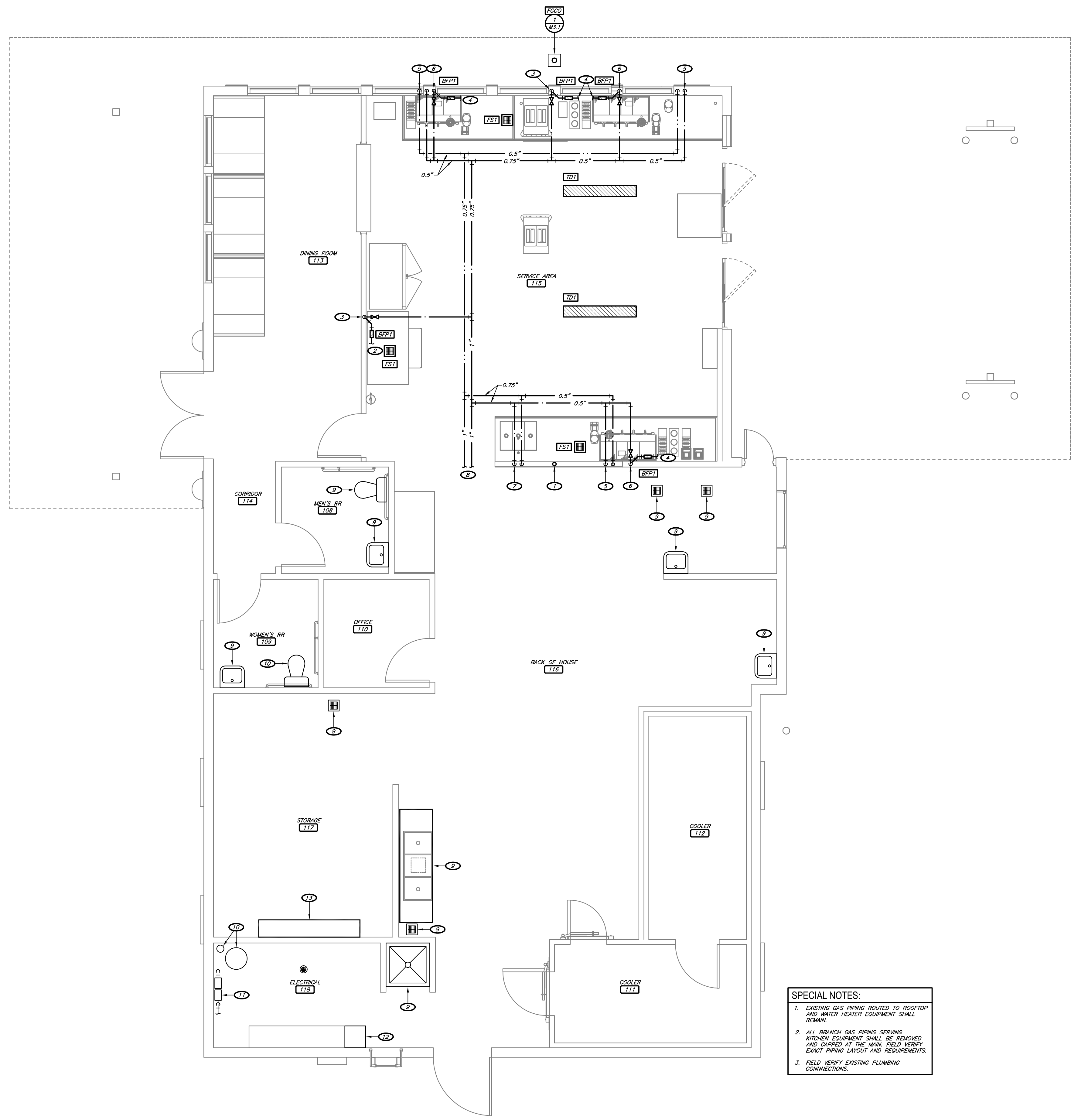
- ① 4" TRAPPED GREASE WASTE UP TO TRENCH DRAIN.
- ② 4" GREASE WASTE UP TO FINISH GRADE CLEANOUT.
- ③ 4" TRAPPED GREASE WASTE UP TO FLOOR SINK.
- ④ 3" VENT UP.
- ⑤ CONNECT NEW 4" GREASE WASTE TO EXISTING 4" (OR LARGER) GREASE WASTE IN THIS AREA. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS. MODIFY/EXTEND PIPING AS REQUIRED.



ENGINEER OF RECORD:  
 NAME: RYAN JONES  
 LICENSE NO. PE-16638

PROJECT NUMBER: 24045 7BBA  
 REVISION:

7 BREW COFFEE  
 BRYANT, AR #2  
 2006 N REYNOLDS RD  
 BRYANT, AR 72022



**SPECIAL NOTES:**

- EXISTING GAS PIPING ROUTED TO ROOFTOP AND WATER HEATER EQUIPMENT SHALL REMAIN.
- ALL BRANCH GAS PIPING SERVING KITCHEN EQUIPMENT SHALL BE REMOVED AND CAPPED AT THE MAIN. FIELD VERIFY EXACT PIPING LAYOUT AND REQUIREMENTS.
- FIELD VERIFY EXISTING PLUMBING CONNECTIONS.

**1** GROUND LEVEL PLUMBING PLAN  
1/4" = 1'-0"  
NORTH

**KEYNOTES:**

- 3" VENT DOWN, CONTINUE 3" VENT UP THROUGH ROOF.
- PROVIDE 0.5" FILTERED WATER WITH SHUT-OFF VALVE TO ICE MAKER WITH BACKFLOW PREVENTER. PROVIDE 0.75" INDIRECT DRAIN FROM ICE-MAKER TO FLOOR SINK AS REQUIRED.
- 0.5" FILTERED WATER DOWN.
- CONNECT FILTERED WATER PIPING TO KITCHEN EQUIPMENT. PROVIDE BACKFLOW PREVENTER AS REQUIRED.
- 0.5" HOT AND FILTERED COLD WATER DOWN. CAP BELOW COUNTER FOR OWNER PROVIDED EQUIPMENT.
- 0.5" FILTERED WATER DOWN TO ESPRESSO MACHINE. PROVIDE SHUT-OFF VALVE AND BACKFLOW PREVENTER PRIOR TO CONNECTION TO ESPRESSO MACHINE.
- 0.5" HOT AND COLD WATER DOWN TO SINK. TERMINATE WASTE PIPING AT ADJACENT FLOOR SINK.
- CONNECT TO EXISTING 1" (OR LARGER) HOT AND 1" (OR LARGER) FILTERED COLD WATER IN THIS AREA. FIELD VERIFY EXISTING LOCATION AND REQUIREMENTS. MODIFY/EXTEND PIPING AS NECESSARY.
- EXISTING PLUMBING FIXTURE SHALL REMAIN.
- EXISTING WATER HEATER AND THERMAL EXPANSION TANK SHALL REMAIN.
- EXISTING BACKFLOW PREVENTER ASSEMBLY SHALL REMAIN.
- EXISTING GAS RESET EQUIPMENT TO BE ABANDONED IN PLACE.
- CONTRACTOR TO FIELD VERIFY CONDITION OF EXISTING WATER FILTRATION SYSTEM AND COORDINATE REPLACEMENT SCOPE WITH OWNER.



08-15-24  
ENGINEER OF RECORD,  
NAME: RYAN JONES  
LICENSE NO. PE-16638

PROJECT NUMBER: 24045 7BBA  
REVISION:

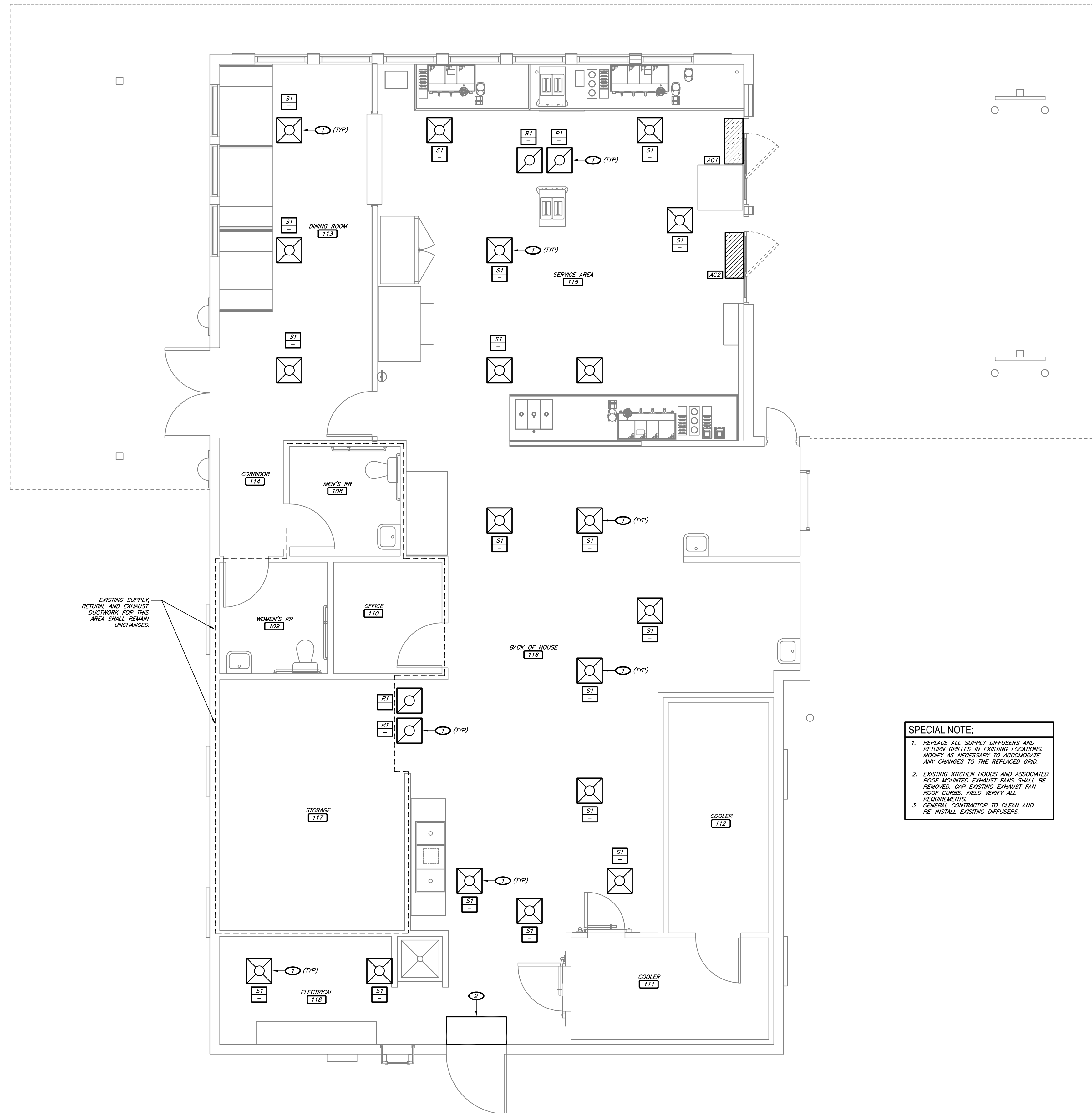
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**M1.2**  
PLUMBING PLAN

DATE: AUGUST 15, 2024



**SPECIAL NOTE:**

1. REPLACE ALL SUPPLY DIFFUSERS AND RETURN GRILLES IN EXISTING LOCATIONS. MODIFY AS NECESSARY TO ACCOMMODATE ANY CHANGES TO THE REPLACED GRID.
2. EXISTING KITCHEN HOODS AND ASSOCIATED ROOF MOUNTED EXHAUST FANS SHALL BE REMOVED. CAP EXISTING EXHAUST FAN ROOF CURBS. FIELD VERIFY ALL REQUIREMENTS.
3. GENERAL CONTRACTOR TO CLEAN AND RE-INSTALL EXISTING DIFFUSERS.

**KEYNOTES:**

1. REPLACE EXISTING DIFFUSER/GRILLE WITH NEW. FIELD VERIFY SIZE AND REQUIREMENTS.
2. EXISTING AIR CURTAIN TO REMAIN.



08-15-24  
ENGINEER OF RECORD:  
NAME: RYAN JONES  
LICENSE NO. PE-16638

PROJECT NUMBER: 24045 7BBA  
REVISION:

7 BREW COFFEE  
BRYANT, AR #2  
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1  
GROUND LEVEL  
HVAC PLAN  
1/4" = 1'-0"  
NORTH

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**M2.1**  
HVAC PLAN  
DATE: AUGUST 15, 2024

SYSTEM	PIPING MATERIAL SCHEDULE												
	PIPING					FITTINGS			FIELD TEST		NOTES		
	SIZE	TYPE	SCHEDULE	GRADE	ASTM	MATERIAL	TYPE	MAXIMUM WORKING PRESSURE (PSI)	TEMP (DEG F)	PRESSURE (PSI)		TIME (HOURS)	
CONDENSATE DRAIN ABOVE GRADE	ALL	DWV	40	-	2665	PVC	PVC	DR/SW	10 FT	50-180	10 FT	1	1
DOMESTIC WATER ABOVE AND BELOW GRADE	0.5"-2"	PEX	-	-	A877	PEX	BRONZE	MJ	120	40-180	150	1	-
GREASE WASTE AND VENT ABOVE GRADE	ALL	DWV	40	-	2665	PVC	PVC	DR/SW	10 FT	50-180	10 FT	1	1
GREASE WASTE BELOW GRADE	ALL	DWV	40	-	2665	PVC	PVC	DR/SW	10 FT	50-180	10 FT	1	1
NATURAL GAS ABOVE GRADE	0.5"-2.5"	CW	40	A	A53	CS/BLK	MI	THRD	1	-	100	1 HR	-
SANITARY WASTE BELOW GRADE	ALL	DWV	40	-	2665	PVC	PVC	DR/SW	10 FT	50-180	10 FT	1	1
SANITARY WASTE & VENT ABOVE GRADE	ALL	DWV	40	-	2665	PVC	PVC	DR/SW	10 FT	50-180	10 FT	1	1
TEMPERATURE & PRESSURE RELIEF DRAIN	ALL	M	-	-	B88	COPPER	COPPER	DR/SJ	10 FT	40-70	10 FT	1	-

NOTES:  
1. USE OF CELLULAR CORE DWV PIPING IS STRICTLY PROHIBITED.

ABBREVIATIONS:  
CI - CAST IRON  
CS - CARBON STEEL  
CW - CONTINUOUS WELD  
DI - DUCTILE IRON  
DR - DRAINAGE FITTING  
DWV - DRAINAGE WASTE AND VENT  
MI - MALLEABLE IRON  
MJ - MECHANICAL JOINT  
NH - NO HUB  
SJ - 95-5 TIN-ANTIMONY SOLDER JOINT  
SS - STANDARD STRENGTH / SERVICE WEIGHT  
SW - SOLVENT WELD

MARK	DESCRIPTION	MANUFACTURER	MODEL NUMBER	ACCESSORIES	PIPING CONNECTION SIZES				NOTES	EQUIVALENT MANUFACTURERS
					COLD WATER	HOT WATER	WASTE	VENT		
BFP1	BACKFLOW PREVENTER	WATTS	SD-3	DUAL CHECK VALVE WITH ATMOSPHERIC PORT AND STRAINER FOR CARBONATED BEVERAGE MACHINES	0.5"	-	-	-	6	FEBCO
TD1	TRENCH DRAIN	ZURN	ZS665-AR-C-DB-EG	HEAVY DUTY, ACID RESISTING EPOXY COATED, 3'-0" LENGTH TRENCH DRAIN	-	-	SEE PLAN	SEE PLAN	2	JAY R. SMITH, WADE
FGCO	FINISH GRADE CLEANOUT	ZURN	ZN1400-HD	-	-	-	SEE PLAN	-	-	SIOUX CHIEF, SMITH, WADE
FS1	FLOOR SINK	OATEY	42721	PVC, 9 1/4"x9 1/4" INTERIOR, PROVIDE WITH 1/2 GRATE	-	-	3"	SEE PLAN	1	-

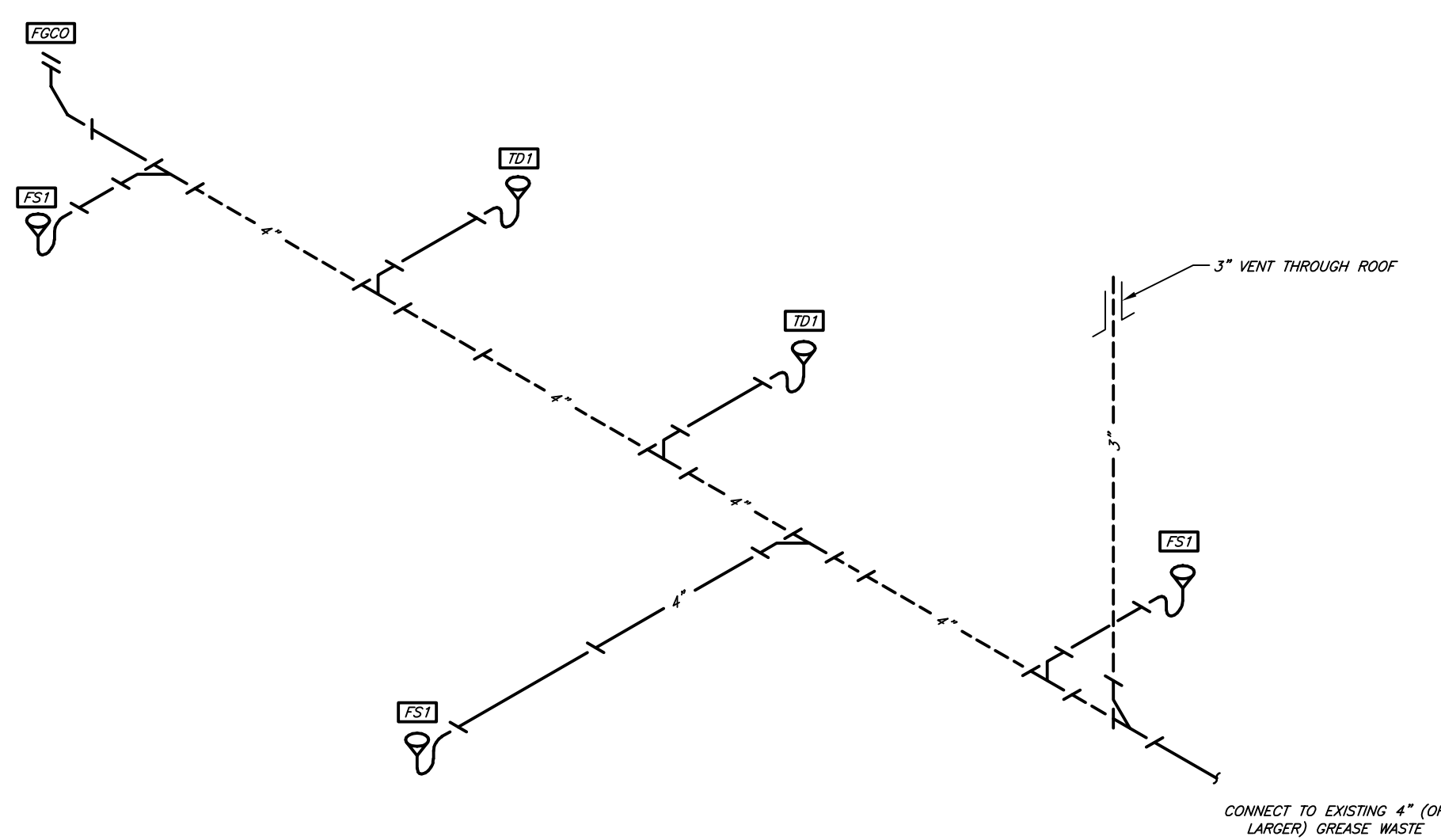
NOTES:  
1. ACCESSORIES SHALL BE SAME MANUFACTURER AS FIXTURE / EQUIPMENT UNLESS NOTED OTHERWISE.  
2. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.  
3. INSTALL ACCESSORIES AS RECOMMENDED BY MANUFACTURER FOR ADA COMPLIANCE.  
4. FIELD COORDINATE/VERIFY FRAMING ROUGH-IN DIMENSIONS WITH ASSOCIATED CONTRACTOR BEFORE ORDERING.  
5. PROVIDE WALL CARRIER OR BRACKET AS RECOMMENDED BY MANUFACTURER FOR WALL MOUNTED INSTALLATION.  
6. PROVIDED BY ONSITE CONTRACTOR.

MARK	MANUF	MODEL	DUCT CONNECTION SIZE	SERVICE	MODULE SIZE	FRAME	FINISH	DAMPER	MAX NC	THROW (FT)	DELTA P (STATIC)	NOTES				
													AIR DEVICE SCHEDULE			
S1	KRUEGER	PLQ	6" 0-110 CFM 8" 111-225 CFM 10" 226-420 CFM	SUPPLY	24x24	LAY-IN	WHITE	-	30	15	0.1"	1,3				
R1	KRUEGER	6690	6" 0-110 CFM 8" 111-225 CFM 10" 300 CFM	RETURN	24x24	LAY-IN	WHITE	-	30	-	0.1"	1,3				

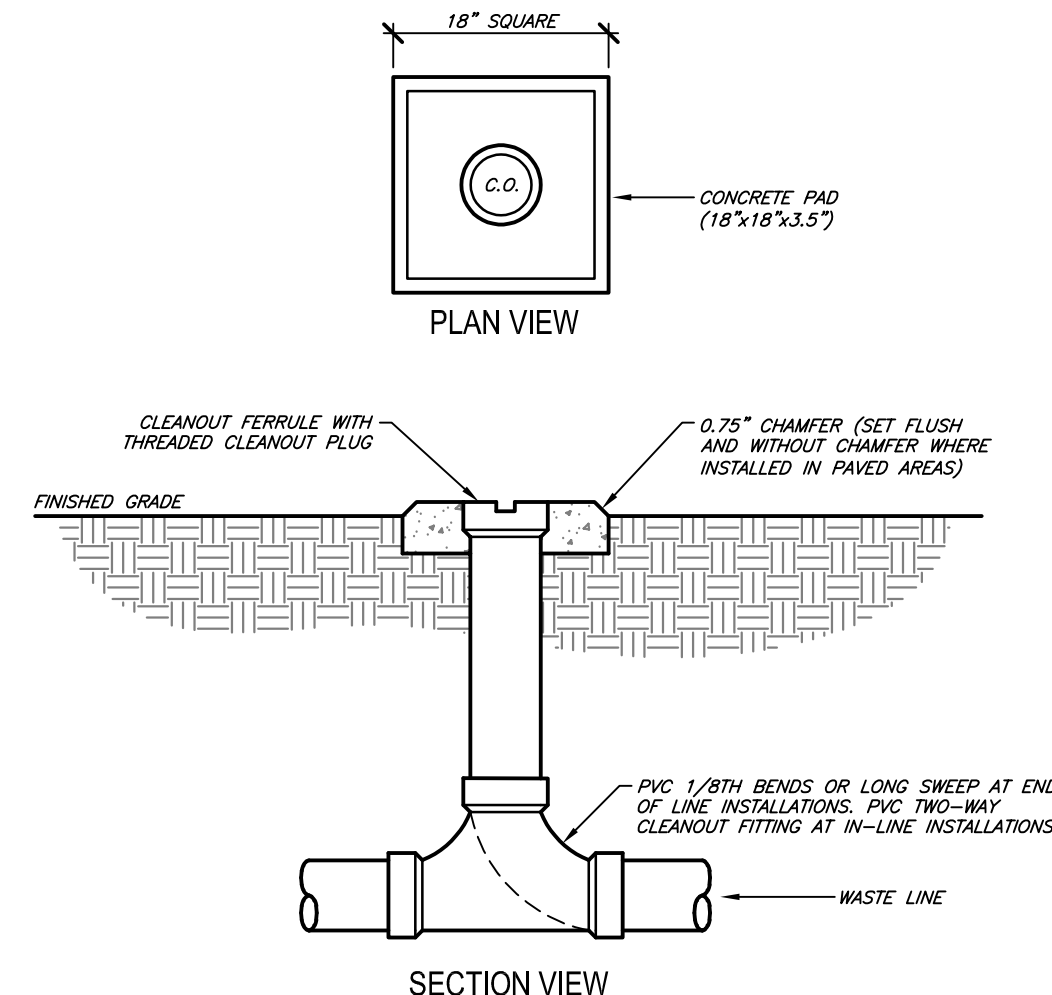
NOTES:  
1. GRILLE/DIFFUSER NECK SHALL BE SAME SIZE AS BRANCH DUCTWORK UNLESS NOTED OTHERWISE ON PLAN.  
2. PROVIDE PLASTER FRAME KIT FOR MOUNTING IN GYP BOARD CEILING AS REQUIRED.  
3. VERIFY FINISH WITH ARCHITECT.

MARK	MANUFACTURER	MODEL #	MOUNTING	HEATING (KW)	AMCA LAB AIRFLOW (SCFM)	NOZZLE WIDTH	MAX VELOCITY @ NOZZLE (FPM)	VOLTAGE/ PHASE	MCA	MOCP	NOTES											
												AIR CURTAIN SCHEDULE										
AC1	STRONGWAY	49947	WALL	-	816	36"	3,937	1201	2.9	15	1 THRU 8											
AC2	STRONGWAY	49947	WALL	-	816	36"	3,937	1201	2.9	15	1 THRU 8											
AC3	STRONGWAY	49947	WALL	-	816	36"	3,937	1201	2.9	15	1 THRU 8											

NOTES:  
1. PROVIDE FACTORY INSTALLED DISCONNECT.  
2. FACTORY INSTALLED UNIT MOUNTED CONTROLS WITH TWO SPEED CONTROL.  
3. MAGNETIC DOOR LIMIT SWITCH.  
4. FACTORY MOUNTED MOTOR CONTROL PANEL.  
5. CLEANABLE FILTER.  
6. FIELD COORDINATE EXACT MOUNTING REQUIREMENTS AND PROVIDE ALL REQUIRED ACCESSORIES.  
7. UNIT SHALL BE RATED FOR OUTDOOR CONDITIONS.  
8. COORDINATE FINISH WITH OWNER.

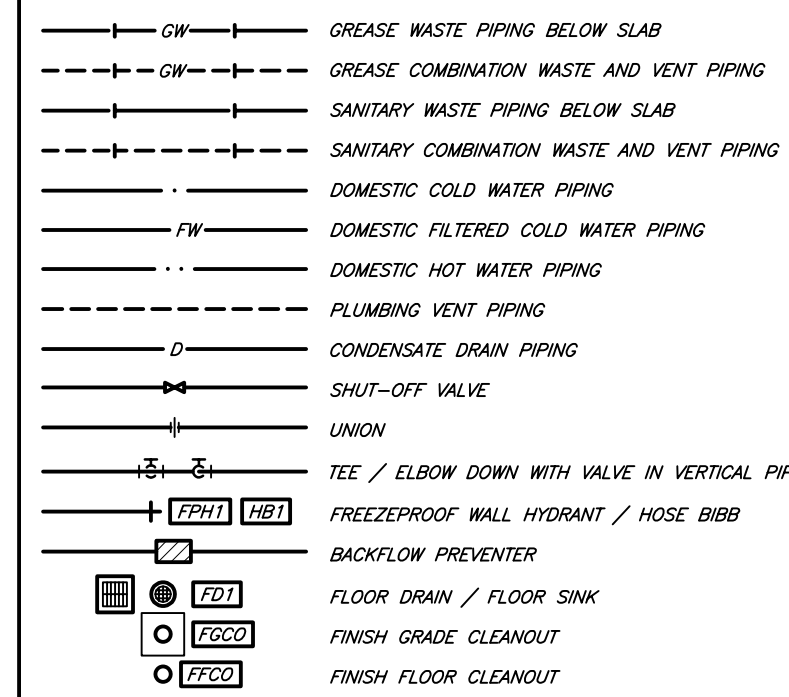


2 GREASE WASTE AND VENT ISOMETRIC  
NO SCALE

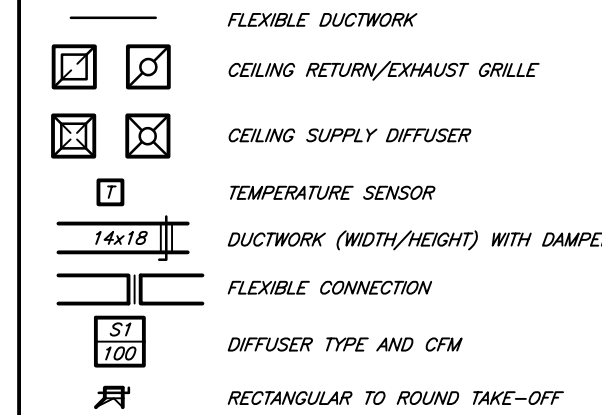


1 FINISH GRADE CLEANOUT DETAIL  
NO SCALE

PLUMBING SYMBOLS:



HVAC SYMBOLS:



GENERAL MECHANICAL NOTES:

- GENERAL
- GENERAL MECHANICAL NOTES APPLY TO ALL MECHANICAL SYSTEMS.
  - CID ENGINEERING LLC, BEING THE AUTHOR OF THESE CONSTRUCTION DOCUMENTS, RESERVES THE RIGHT OF FINAL INTERPRETATION AS TO THEIR INTENT AND MEANING. ANY ADDITIONAL WORK OR COSTS RESULTING FROM THE CONTRACTOR'S OWN INTERPRETATION AS TO THE INTENT OR MEANING WITHOUT CONSULTATION WITH CID ENGINEERING LLC SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COST TO OWNER OR A/E.
  - THE INTENT OF THE WORK INDICATED ON THESE CONSTRUCTION DOCUMENTS IS TO PROVIDE A FULLY FUNCTIONING SYSTEM IN COMPLETE WORKING ORDER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE CONTRACTOR'S SUPPLIERS TO INCLUDE ALL ACCESSORIES, COMPONENTS, PARTS, ETC. THAT MAY NOT BE INDICATED ON THESE CONSTRUCTION DOCUMENTS TO PROVIDE BUILDING CODE COMPLIANT SYSTEMS AND EQUIPMENT THAT OPERATE SATISFACTORILY AS DESIGNED AND INTENDED.
  - DRAWINGS ARE NOT SET UP SPECIFICALLY ACCORDING TO TRADE AND EACH CONTRACTOR AND SUB-CONTRACTOR OR TRADE IS REQUIRED TO REVIEW THE CONSTRUCTION DOCUMENTS AS A WHOLE AND PROVIDE ANY MISCELLANEOUS ITEMS, MATERIALS, WORK, ETC. REQUIRED TO COMPLETE THE WORK AS SHOWN ON ALL DOCUMENTS. THIS REQUIREMENT APPLIES TO ALL TRADES: STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING REQUIREMENTS AND RELATED WORK ARE INDICATED THROUGHOUT THE DOCUMENTS AND SHOULD BE REVIEWED WITH EACH FOR OVERALL SCOPE OF WORK.
  - ALL MECHANICAL WORK SHALL BE PERFORMED BY LICENSED PLUMBING AND MECHANICAL CONTRACTORS AND SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE 2018 INTERNATIONAL BUILDING PLUMBING, GAS AND MECHANICAL CODES, AND ALL APPLICABLE LOCAL CODES AS ADOPTED BY LOCAL AUTHORITIES.
  - THE CONTRACTOR SHALL INCLUDE ALL PERMIT AND INSPECTION FEES IN BID.
  - THE PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO CIVIL, STRUCTURAL AND ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR DIMENSIONS. FIELD VERIFY ALL DIMENSIONS.
  - PIPING AND DUCTWORK LAYOUTS ARE DIAGRAMMATIC. FIELD COORDINATE EXACT LOCATIONS AND ROUTINGS WITH STRUCTURE, LIGHT FIXTURES, CONDUITS, ETC. FINAL RESULT SHALL BE EQUIVALENT TO THAT INDICATED ON DRAWINGS.
  - COORDINATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE COORDINATED CAREFULLY BETWEEN ALL TRADES.
  - MAINTAIN ALL CLEARANCES REQUIRED BY PLUMBING AND HVAC EQUIPMENT. COORDINATE WITH ELECTRICAL CONTRACTOR TO MAINTAIN ALL CLEARANCES REQUIRED FOR EQUIPMENT. DO NOT ROUTE PIPING, DUCTWORK, ETC. ABOVE ELECTRICAL PANELS.
  - DRAWINGS REPRESENT FINAL RESULT. REMOVE, RELOCATE, MODIFY EXISTING EQUIPMENT, DUCTWORK, PIPING, ETC. AS REQUIRED. FIELD VERIFY EXISTING CONDITIONS AND EXACT REQUIREMENTS. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
  - IF CONTRACTOR WISHES TO INCORPORATE PRODUCTS OTHER THAN THOSE NAMED IN SPECIFICATIONS IN HIS BID OR PRODUCTS BY MANUFACTURERS OTHER THAN THOSE LISTED AS APPROVED MANUFACTURERS, THE CONTRACTOR SHALL SUBMIT A WRITTEN REQUEST FOR REVIEW AND APPROVAL OF PROPOSED SUBSTITUTIONS TO CID ENGINEERING LLC NOT LESS THAN FIVE WORKING DAYS PRIOR TO BID DATE. APPROVAL OR ACCEPTANCE OF PROPOSED SUBSTITUTION OF MANUFACTURERS OR ITEMS IS FOR THE PURPOSES OF BIDDING ONLY AND DOES NOT RELIEVE THE PROPOSED SUBSTITUTION FROM THE SUBMITTAL/SHOP DRAWING REVIEW AND DOES NOT CONSTITUTE PRIOR APPROVAL OF PROPOSED SUBSTITUTIONS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS OF LARGER WIRING, CONDUIT, ENCLOSURES, CONTROL AND OVERCURRENT PROTECTIVE DEVICES, ETC. RESULTING FROM SUBSTITUTION OF EQUIPMENT OTHER THAN THAT WHICH WAS THE BASIS OF DESIGN AT NO COST TO OWNER OR A/E.
  - THE CONTRACTOR SHALL PROVIDE ELECTRONIC SHOP DRAWINGS/SUBMITTALS OF ALL FIXTURES AND EQUIPMENT FURNISHED UNDER THIS CONTRACT.
  - THE CONTRACTOR SHALL PERFORM A PRELIMINARY FUNCTIONAL TEST AND BALANCE FOR ALL EQUIPMENT INSTALLED UNDER THIS CONTRACT. THE CONTRACTOR SHALL THEN OBTAIN THE SERVICES OF AN INDEPENDENT FIRM CERTIFIED WITH ASSOCIATED AIR BALANCING COUNCIL OF NATIONAL ENVIRONMENTAL BALANCING BUREAU TO PERFORM THE HVAC SYSTEM TESTING AND BALANCING IN ACCORDANCE WITH ASBC OR NEBB NATIONAL STANDARDS.
  - THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY HIM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COSTS TO CUT, PATCH AND REPAIR EXISTING WALL, FLOOR AND CEILING CONSTRUCTION AS REQUIRED TO INSTALL NEW PLUMBING FIXTURES, DUCTWORK, EQUIPMENT, PIPING, ETC. ARE INCLUDED IN THE BID PRICE.

GENERAL MECHANICAL NOTES (CONT'D):

- PRODUCTS
- ALL SHUT-OFF VALVES ON DOMESTIC WATER SHALL BE BRONZE FULL-PORT BALL VALVE TYPE.
  - P-TRAPS SHALL INCLUDE INTEGRAL CLEANOUT.
  - DUCT CONSTRUCTION:  
ALL DUCTWORK SHALL BE FABRICATED OF G90 GALVANIZED STEEL AND INSTALLED IN ACCORDANCE WITH THE SMOKE-HAZ DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE MANUAL, ALL SUPPLY AND RETURN AIR DUCT PRESSURE CLASSES SHALL BE THE SAME AS THE EXTERNAL STATIC PRESSURE OF THE EQUIPMENT SUPPLYING THE DUCT. THE EQUIPMENT ESP SHALL BE THE PRESSURE CLASS FOR THE ENTIRE SUPPLY DUCT SYSTEM.  
CONCEALED ROUND SUPPLY AIR DUCT - 3" PRESSURE CLASS OR LESS: GALVANIZED SNAP-LOCK PIPE WITH TRANSVERSE JOINTS AND CONNECTIONS SEALED. WRAP SUPPLY AND OUTSIDE AIR DUCTS WITH SPECIFIED INSULATION.  
CONCEALED ROUND RETURN AND EXHAUST DUCT - 3" PRESSURE CLASS OR LESS: GALVANIZED SNAP-LOCK PIPE WITH TRANSVERSE JOINTS AND CONNECTIONS SEALED WITH SPECIFIED INSULATION.  
RECTANGULAR SUPPLY AND RETURN AIR DUCT - 3" PRESSURE CLASS OR LESS: GALVANIZED SHEET METAL LINE SUPPLY, RETURN, OUTDOOR AIR AND MAKE-UP AIR DUCTWORK WITH SPECIFIED INSULATION.  
FLEXIBLE DUCTWORK: FLEXMASTER USA TYPE RB, UL 181 CLASS 1 RATED PRE-INSULATED ACoustical FLEX DUCT WITH MECHANICAL LOCK HEAVY CONSTRUCTION, 25/50 FLAME SMOKE RATING, AND R-6.0 THERMAL BARRIER. RUNS OF FLEXIBLE DUCT SHALL NOT EXCEED 5 LINEAR FEET. FLEXIBLE DUCT SHALL NOT BE USED ON SYSTEMS WITH PRESSURE CLASS GREATER THAN 1".  
EXTERIOR DUCTWORK SHALL HAVE FLANGED AND GASKETED JOINTS BY DUCTMATE OR EQUIVALENT.  
ALL METAL DUCTWORK SPECIFIED TO RECEIVE INTERIOR THERMAL AND ACoustical LINER IS NOT SIZED ON PLANS TO INCLUDE THE PROPER THICKNESS OF INSULATION. PROVIDE ADDITIONAL HEIGHT AND WIDTH OF DUCTWORK TO ACCOMMODATE THICKNESS OF INSULATION.  
DUCT INSULATION:  
RECTANGULAR DUCT (LOCATED WITHIN CONDITIONED SPACE): 1.0" THICK, 2.0 LB. DENSITY FIBERGLASS DUCT WRAP WITH FOIL-SCRM-KRAFT FACING. MINIMUM R-VALUE OF 6.0.  
ROUND DUCT: WRAP WITH 2.0" LB DENSITY FIBERGLASS DUCT WRAP WITH FOIL-SCRM-KRAFT FACING. MINIMUM R-VALUE OF 6.0.  
ROUND TAKE-OFF FITTINGS FROM RECTANGULAR DUCTWORK SHALL BE MADE WITH BUCKLEY AIR PRODUCTS MODEL 1500 AND 1500D RECTANGULAR TO ROUND BOOT FITTINGS WITH INTEGRAL VOLUME DAMPERS AND INSULATION STAND-OFFS WHERES INDICATED BY AIR-TITE AND CROWN.  
PROVIDE AERO-DINE OR EQUIVALENT DOUBLE WALL TURNING VANES IN ALL RECTANGULAR ELBOWS.  
BRANCH DUCTS SHALL BE THE SAME SIZE AS DIFFUSER NECK UNLESS NOTED OTHERWISE.  
EQUIVALENT WATER HEATERS BY A.O. SMITH, BRADFORD WHITE, LOCHINVAR, RHEEM, STAIR, OR OTHERS WITH PRIOR APPROVAL.  
EQUIVALENT GRILLES, DIFFUSERS AND REGISTERS BY CARNES, KRUEGER, MALOR, PRICE, TITUS, HART & COOLEY, TUTTLE & BAILEY, OR OTHERS WITH PRIOR APPROVAL.  
EQUIVALENT EXHAUST FANS BY ACME, COOK, GREENHECK, PENN, OR OTHERS WITH PRIOR APPROVAL.  
EQUIVALENT FURNACES, EVAPORATOR COILS AND CONDENSING UNITS BY CARRIER, TRANE AND YORK, AND SHALL BE THE PRODUCT OF A SINGLE MANUFACTURER.
- EXECUTION
- PROVIDE ALL ACCESSORIES, COMPONENTS, ETC. REQUIRED FOR COMPLETE INSTALLATION OF SPECIFIED EQUIPMENT.
  - PROVIDE UNSTRUTS AND ACCESSORIES AS REQUIRED FOR SUPPORT OF PIPING, EQUIPMENT, ETC.
  - CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT. PROVIDE ADAPTERS, FITTINGS, ETC. FOR ALL EQUIPMENT AS REQUIRED. COORDINATE SPECIFIC REQUIREMENTS WITH EQUIPMENT SUPPLIERS. REFER TO SPECIAL EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
  - INSULATE ALL DOMESTIC WATER WITH 1/2" THICK ARMACELL AP/ARMAFLEX FLEXIBLE INSULATION. INSULATE ALL RETURN AIR DUCTWORK WITH 1.0 LB DENSITY FIBERGLASS DUCT WRAP WITH FOIL-SCRM-KRAFT FACING. INSULATION IS STRICTLY PROHIBITED.
  - INSULATE ALL REFRIGERANT PIPING WITH 1.5" THICK ARMACELL AP/ARMAFLEX FLEXIBLE ELASTOMERIC THERMAL PIPE INSULATION. EQUIVALENT BY RUBATEK. THE USE OF TUBULOR OR EQUIVALENT CLOSED CELL POLYETHYLENE FOAM INSULATION IS STRICTLY PROHIBITED.
  - INSTALL TRAPS AT WASTE CONNECTIONS TO ALL FLOOR DRAINS AND OTHER PLUMBING FIXTURES WITHOUT A TRAP INTEGRAL TO THE FIXTURE.
  - INSTALL WATER AND WASTE PIPING BELOW SLAB AND BELOW GRADE ON TOP OF A 6" BED OF FEA GRAVEL WITH 6" FEA GRAVEL ON SIDES AND TOP OF PIPING.
  - PROVIDE TRAPPED AND VENTED CONDENSATE DRAIN CONNECTION TO ALL HVAC EQUIPMENT WHERE REQUIRED. EXTEND FULL SIZE TO NEAREST ROOF DRAIN, FLOOR DRAIN, OR MOP SINK.
  - SEAL ALL DUCTWORK IN ACCORDANCE WITH THE LATEST SMOKE-HAZ AND FLEXIBLE DUCT CONSTRUCTION STANDARDS MANUAL. AT A MINIMUM, LOW STATIC PRESSURE DUCTS SHALL BE SEALED WITH WATER, SOLVENT OR SILICONE BASED SEALANT IN ACCORDANCE WITH SMOKE-HAZ DUCT SEAL CLASS C. THE USE OF DUCT TAPE IS STRICTLY PROHIBITED.
  - ALL THERMOSTATS, SENSORS, DAMPER CONTROLS, ASSOCIATED ACCESSORIES, AND FINAL WIRING CONNECTIONS SHALL BE PROVIDED BY HVAC CONTRACTOR. ROUGH-IN AND WIRE INSTALLATION SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
  - PROVIDE HVAC EQUIPMENT WITH NEW FILTERS DURING CONSTRUCTION AND UPON SUBSTANTIAL COMPLETION.
  - COORDINATE CEILING DIFFUSER/GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
  - PROVIDE FLEXIBLE CONNECTION AND TRANSITION TO UNIT OPENING SIZES FOR ALL HVAC EQUIPMENT.
  - INSTALL ALL ROOF EQUIPMENT, PIPE, CONDUIT AND DUCTWORK SUPPORTS, CURBS AND PENETRATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ROOFING SYSTEM MANUFACTURER.
  - PROVIDE FACTORY FABRICATED PIPE CURB ASSEMBLIES FOR MULTIPLE CONDUIT AND PIPING PENETRATIONS THROUGH THE ROOF. PIPE CURB ASSEMBLIES SHALL BE FACTORY FABRICATED, 8" TALL (MINIMUM) GALVANIZED STEEL ROOF CURBS WITH INTEGRAL BASE PLATE, 3 LB. DENSITY INSULATION, WOOD NAILER, ACTI-CLAD THERMOPLASTIC COVER, FASTENING SCREWS, AND CONDENSATE STEP BOOTS WITH STAINLESS STEEL CLAMPS AS MANUFACTURED BY RATE, THYBAR OR APPROVED EQUIVALENT. PROVIDE PIPE SEAL ASSEMBLIES FOR INDIVIDUAL CONDUIT OR PIPE PENETRATIONS. ALL WORK SHALL BE IN ACCORDANCE WITH ROOFING MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.
  - SUPPORT PIPING ON ROOF WITH PREMANUFACTURED PIPING SUPPORTS EQUIVALENT TO 8-LINE C-SERIES. FIELD FABRICATED SUPPORTS CONSISTING OF LUMBER, ETC. ARE NOT ACCEPTABLE.
  - PROVIDE SLEEVES AT PIPE PENETRATIONS OF EXTERIOR OR FOUNDATION WALLS. SEAL PENETRATIONS WEATHERTIGHT.
  - SEAL ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES AS NECESSARY TO RESTORE FIRE-RESISTANCE RATING OR PENETRATION RATES TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR RATED ASSEMBLIES, FIRESTOPPING MATERIALS AND REQUIREMENTS.
  - ALL EXPOSED PIPING, DUCTWORK AND EQUIPMENT SHALL BE PRIMED AND PAINTED. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIREMENTS AND COORDINATE WITH GENERAL CONTRACTOR.
  - THE MECHANICAL/PLUMBING CONTRACTOR SHALL SEAL ALL NECESSARY PENETRATIONS OF RATED WALL AND CEILING CONSTRUCTION WITH FIRE CAULK. PROVIDE FIRE PUTTY PAD AROUND LAUNDRY AND ICE-MAKER REGRIND IN GRIDES INSTALLED IN RATED WALL AND CEILING CONSTRUCTION. FIRE CAULK AND PUTTY PADS SHALL BE MANUFACTURED BY 3M OR HILT, AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
  - PROVIDE SIOUX CHIEF WATER HAMMER ARRESTERS ON ALL PLUMBING FIXTURES SIZED IN ACCORDANCE WITH PLUMBING AND DRAINAGE INSTITUTE STANDARD P.D.I. WH201. EQUIVALENT BY JONESPEC, J.R. SMITH, OR WAKE.

STATE OF ARKANSAS  
Professional Engineer  
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RYAN SCOTT JONES

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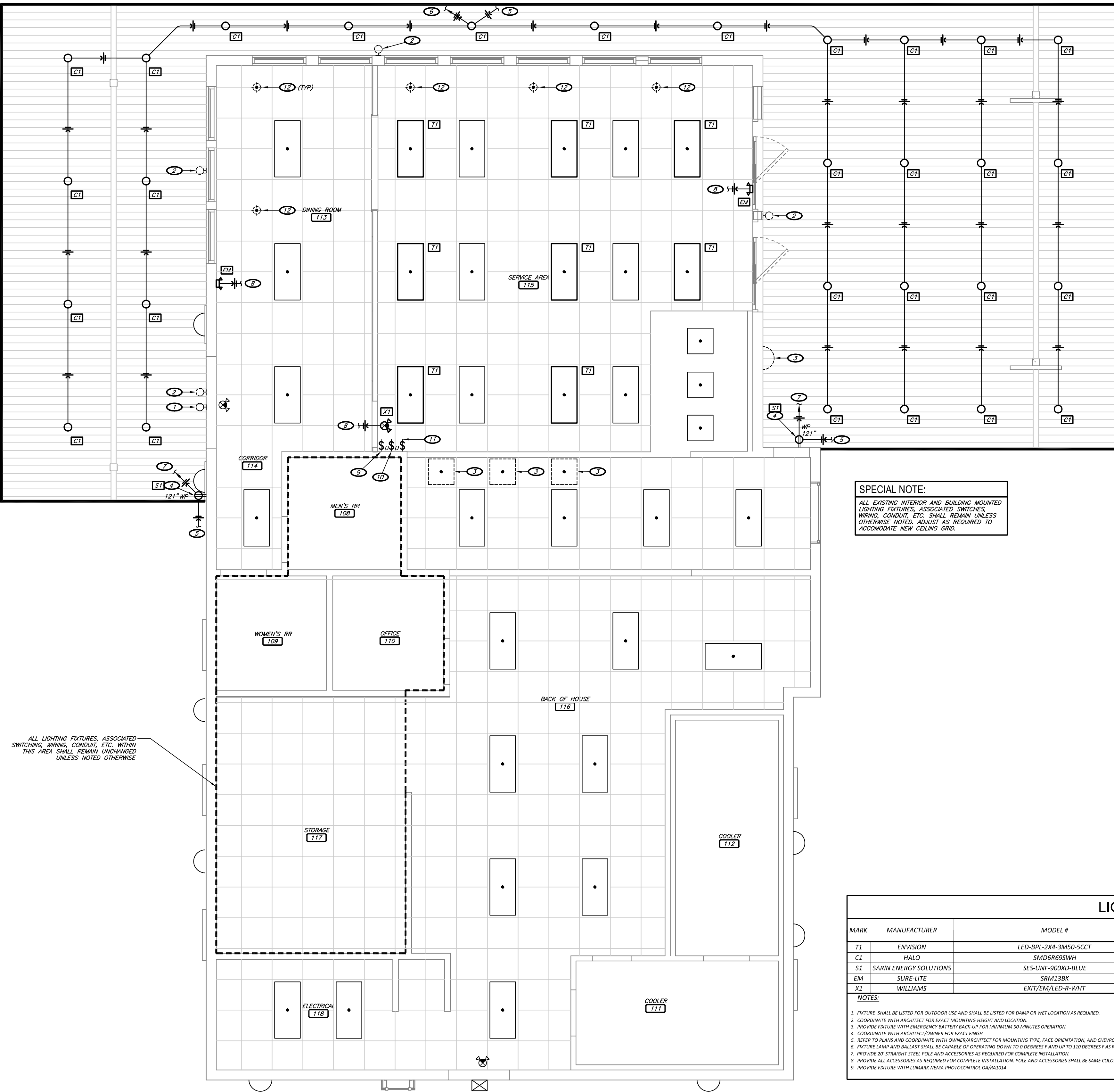
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M3.1  
SCHEDULES AND  
DETAILS  
DATE: AUGUST 15, 2024

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**SPECIAL NOTE:**  
 ALL EXISTING INTERIOR AND BUILDING MOUNTED LIGHTING FIXTURES, ASSOCIATED SWITCHES, WIRING, CONDUIT, ETC. SHALL REMAIN UNLESS OTHERWISE NOTED. ADJUST AS REQUIRED TO ACCOMMODATE NEW CEILING GRID.

LIGHTING FIXTURE SCHEDULE										
MARK	MANUFACTURER	MODEL #	FINISH	MOUNTING	TYPE	LAMPS		VOLTAGE	APPROVED MANUFACTURERS	NOTES
						CODE	QTY.			
T1	ENVISION	LED-BPL-2K4-3M50-5CCT	WHITE	SURFACE	LED	WITH FIXTURE	-	50	120	SUBMIT
C1	HALO	SMDE655WH	WHITE	SURFACE	LED	WITH FIXTURE	-	10	UNV	SUBMIT 1,2,4,6
S1	SARIN ENERGY SOLUTIONS	SES-UNF-900XD-BLUE	WHITE	SURFACE	LED	WITH FIXTURE	-	3/FT	UNV	SUBMIT 1,2,6
EM	SURE-LITE	SRM13BK	WHITE	SURFACE	LED	WITH FIXTURE	-	10	UNV	SUBMIT 3
X1	WILLIAMS	EXIT/EM/LED-R-WHT	WHITE	SURFACE	LED	WITH FIXTURE	-	10	120	SUBMIT 3

**NOTES:**

- FIXTURE SHALL BE LISTED FOR OUTDOOR USE AND SHALL BE LISTED FOR 60AMP OR WET LOCATION AS REQUIRED.
- COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT AND LOCATION.
- PROVIDE FIXTURE WITH EMERGENCY BATTERY BACK UP FOR MINIMUM 90 MINUTES OPERATION.
- COORDINATE WITH ARCHITECT/OWNER FOR EXACT FINISH.
- REFER TO PLANS AND COORDINATE WITH OWNER/ARCHITECT FOR MOUNTING TYPE, FACE ORIENTATION, AND CHEVRON DIRECTION AS APPLICABLE.
- FIXTURE LAMP AND BALLAST SHALL BE CAPABLE OF OPERATING DOWN TO 0 DEGREES F AND UP TO 130 DEGREES F AS REQUIRED.
- PROVIDE 3/8" STRAIGHT STEEL POLE AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.
- PROVIDE ALL ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION. POLE AND ACCESSORIES SHALL BE SAME COLOR AS FIXTURE HEAD.
- PROVIDE FIXTURE WITH LUMARK NEMA PHOTOCENTRIC DATA SHEET.

**ABBREVIATIONS:**  
 OXFC - OWNER FURNISHED, CONTRACTOR INSTALLED  
 TBD - TO BE DETERMINED

**KEYNOTES:**

- EXISTING EMERGENCY LIGHT ABOVE DOOR SHALL REMAIN.
- REMOVE EXISTING WALL MOUNTED GOOSENECK LIGHTING FIXTURE, ASSOCIATED WIRING, AND CONDUIT ABOVE NEW CANOPY WILL BE INSTALLED. FIELD VERIFY EXACT REQUIREMENTS.
- REMOVE EXISTING LIGHTING FIXTURE, ASSOCIATED CONDUIT, AND CONDUCTORS. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS.
- PROVIDE RECEPTACLE FOR POWER CONNECTION TO BUILDING LED TAPE LIGHT. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION AND LINEAR FOOTAGE OF FIXTURE. CONNECT POWER TO LED STRIPS PER MANUFACTURER'S INSTRUCTION.
- CIRCUIT TO CORRESPONDING LIGHT SWITCH IN SERVICE 115.
- CIRCUIT TO NEW OR EXISTING SPARE 20-AMP BREAKER IN EXISTING PANELBOARD. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS.
- CIRCUIT TO NEW 30 AMP BREAKER IN EXISTING PANELBOARD. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS. CIRCUIT TO INCLUDE BOTH CANOPY TAPE LIGHTING RECEPTACLES.
- CIRCUIT TO NEAREST LIGHTING CIRCUIT IN THIS AREA. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS. ADJUST/EXTEND WIRING AS REQUIRED.
- CIRCUIT DIMMER LIGHT SWITCH TO CANOPY TAPE LIGHTING CIRCUIT.
- CIRCUIT DIMMER LIGHT SWITCH TO CANOPY CAN LIGHTING CIRCUIT.
- CIRCUIT LIGHT SWITCH TO BUILDING SIGNAGE LIGHTING CIRCUIT.
- REMOVE EXISTING PENDANT LIGHT FIXTURE, ASSOCIATED CONDUIT AND CONDUCTORS. FIELD VERIFY QUANTITY, REQUIREMENTS, AND LOCATIONS.

**ELECTRICAL SYMBOLS:**

- SIMPLEX RECEPTACLE, 2P, 3W, 20A, 125V
- 14-30 SIMPLEX RECEPTACLE, NEMA CONFIGURATION AS INDICATED
- 2P, 3W, 20A, 125V DUPLEX RECEPTACLE
- 42" DUPLEX RECEPTACLE, MOUNTED 42" ABOVE FINISHED FLOOR
- 4C DUPLEX RECEPTACLE, MOUNTED 6" ABOVE COUNTERTOP BACKSPASH
- GF DUPLEX RECEPTACLE W/ GROUND FAULT INTERRUPTER
- WP DUPLEX RECEPTACLE, WEATHERPROOF
- D DOUBLE DUPLEX RECEPTACLE WITH COMMON FACEPLATE
- TV CABLE TV OUTLET, ROUGH-IN JUNCTION BOX OR PLASTER RING ONLY. CABLE, COVER PLATE & JACKS PROVIDED BY OTHERS.
- EXIT LIGHT, WALL MOUNTED / CEILING MOUNTED
- EM EMERGENCY LIGHT
- EMT/EMERGENCY LIGHT
- LED LED LIGHT FIXTURE
- NL NIGHT LIGHT FIXTURE
- LS LIGHT SWITCH
- 3-WAY 3-WAY LIGHT SWITCH
- DS DIMMER LIGHT SWITCH
- OS OCCUPANCY SENSOR LIGHT SWITCH
- DS CEILING MOUNTED OCCUPANCY SENSOR
- JB JUNCTION BOX
- LP LIGHTING & POWER PANELBOARD
- CC CONDUIT CONCEALED IN CEILING OR WALL
- CB CONDUIT BELOW GRADE
- HR HOME RUN: TICK MARKS INDICATE NUMBER OF WIRES, ARROWS INDICATE NUMBER OF CIRCUITS
- GW GROUND WIRE
- F FEEDER PER SCHEDULE
- DS DISCONNECT SWITCH
- DS DUCT MOUNTED SMOKE DETECTOR

**GENERAL ELECTRICAL NOTES:**

- GENERAL:**
- GENERAL ELECTRICAL NOTES APPLY TO ALL ELECTRICAL SHEETS.
  - CJD ENGINEERING LLC, BEING THE AUTHOR OF THESE CONSTRUCTION DOCUMENTS, RESERVES THE RIGHT OF FINAL INTERPRETATION AS TO THEIR INTENT AND MEANING. ANY ADDITIONAL WORK OR COSTS RESULTING FROM THE CONTRACTOR'S OWN INTERPRETATION AS TO THE INTENT OR MEANING WITHOUT CONSULTATION WITH CJD ENGINEERING LLC, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COST TO OWNER OR A/E.
  - THE INTENT OF THE WORK INDICATED ON THESE CONSTRUCTION DOCUMENTS IS TO PROVIDE A FULLY FUNCTIONING SYSTEM IN COMPLETE WORKING ORDER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE CONTRACTOR SUPPLIERS TO INCLUDE ALL ACCESSORIES, COMPONENTS, PARTS, ETC. THAT MAY NOT BE INDICATED ON THESE CONSTRUCTION DOCUMENTS TO PROVIDE BUILDING CODE COMPLIANT SYSTEMS AND EQUIPMENT THAT OPERATE SATISFACTORILY AS DESIGNED AND INTENDED.
  - ALL ELECTRICAL WORK SHALL BE PERFORMED BY LICENSED CONTRACTORS IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODES, THE 2017 NATIONAL ELECTRICAL CODE, AND ALL LOCAL CODES AS ADOPTED BY THE AUTHORITIES HAVING JURISDICTION.
  - THE CONTRACTOR SHALL INCLUDE ALL PERMIT AND INSPECTION FEES IN BID.
  - THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
  - PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO CIVIL, STRUCTURAL AND ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR DIMENSIONS. FIELD VERIFY ALL DIMENSIONS.
  - EQUIPMENT AND CONDUIT/CONDUCTOR LAYOUTS ARE DIAGRAMMATIC. FIELD COORDINATE EXACT LOCATIONS AND ROUTINGS WITH STRUCTURE, PIPING, DUCTWORK, LIGHT FIXTURES, ETC. FINAL RESULT SHALL BE EQUIVALENT TO THAT INDICATED ON DRAWINGS.
  - COORDINATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE COORDINATED CAREFULLY BETWEEN ALL TRADES.
  - MAINTAIN ALL CLEARANCES REQUIRED BY ELECTRICAL EQUIPMENT. COORDINATE WITH PLUMBING, HVAC AND SPRINKLER CONTRACTORS TO MAINTAIN ALL CLEARANCES REQUIRED FOR EQUIPMENT. DO NOT ROUTE PIPING, DUCTWORK, ETC. ABOVE ELECTRICAL PANELS.
  - DRAWINGS REPRESENT FINAL RESULT. REMOVE, RELOCATE, MODIFY EXISTING EQUIPMENT, DUCTWORK, PIPING, ETC. AS REQUIRED. FIELD VERIFY EXISTING CONDITIONS AND EXACT REQUIREMENTS.
  - COORDINATE INFORMATION OUTLET, RECEPTACLE, AND OTHER DEVICE LOCATIONS WITH OWNER AND WITH MILLWORK AND WITH OTHER TRADES PRIOR TO ROUGH-IN.
  - INFORMATION OUTLET (DATA AND TELEPHONE) DEVICES, WALL PLATES, AND ASSOCIATED WIRING SHALL BE SUPPLIED AND INSTALLED BY OTHERS UNDER A SEPARATE CONTRACT WITH THE OWNER.
  - THE CONTRACTOR SHALL PROVIDE ELECTRONIC SHOP DRAWINGS/SUBMITTALS OF ALL FIXTURES AND EQUIPMENT FURNISHED UNDER THIS CONTRACT.
  - IF CONTRACTOR WISHES TO INCORPORATE PRODUCTS OTHER THAN THOSE NAMED IN SPECIFICATIONS IN HIS BID OR PRODUCTS BY MANUFACTURERS OTHER THAN THOSE LISTED AS APPROVED MANUFACTURERS, THE CONTRACTOR SHALL SUBMIT A WRITTEN REQUEST FOR REVIEW AND APPROVAL OF PROPOSED SUBSTITUTIONS TO CJD ENGINEERING LLC NOT LESS THAN FIVE WORKING DAYS PRIOR TO BID DATE. SUBSTITUTION OR ACCEPTANCE OF PROPOSED SUBSTITUTION OF MANUFACTURERS OR ITEMS IS FOR THE PURPOSES OF BIDDING ONLY AND DOES NOT RELIEVE THE PROPOSED SUBSTITUTION FROM SUBMITTAL/SHOP DRAWING REVIEW AND DOES NOT CONSTITUTE PRIOR APPROVAL OF PROPOSED SUBSTITUTIONS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS OF LARGER WIRING, CONDUIT, ENCLOSURES, CONTROL AND OVERCURRENT PROTECTIVE DEVICES, ETC. RESULTING FROM SUBSTITUTION OF EQUIPMENT OTHER THAN THAT WHICH WAS THE BASIS OF DESIGN AT NO COST TO OWNER OR A/E.
  - THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY HIM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COSTS TO CUT, PATCH AND REPAIR EXISTING FLOOR AND CEILING CONSTRUCTION AS REQUIRED TO INSTALL NEW FIXTURES, CONDUIT, WIRING, ETC. ARE INCLUDED IN THE BID PRICE.
- PRODUCTS:**
- LIGHT SWITCHES SHALL BE EQUIVALENT TO HUBBELL 1220 SERIES, 20-AMP, 120/277-VOLT, IN COLOR SELECTED BY THE ARCHITECT/INTERIOR DESIGNER.
  - DUPLEX RECEPTACLES SHALL BE EQUIVALENT TO HUBBELL 5300 SERIES, 20A, 125V, NEMA CONFIGURATION 5-20R, IN COLOR SELECTED BY THE ARCHITECT/INTERIOR DESIGNER.
  - ALL RECEPTACLES THROUGHOUT SHALL BE TAMPER-RESISTANT TYPE, TO COMPLY WITH I.E.C.
  - ELECTRICAL DEVICE WALL PLATES SHALL BE HIGH IMPACT NYLON PLASTIC IN COLOR AS SELECTED BY THE ARCHITECT/INTERIOR DESIGNER.
  - FEEDER AND BRANCH CIRCUIT WIRING SHALL BE COPPER, 600V WITH THIN/THIN INSULATION. BRANCH CIRCUIT WIRING SHALL BE #12 AWG MINIMUM HOMERUNS FOR BRANCH CIRCUITS OVER 75 FEET LONG SHALL BE #10 AWG; OVER 100 FEET LONG, #8 AWG UNLESS INDICATED OTHERWISE.
  - EQUIVALENT WIRING DEVICES BY BRYANT, COOPER, HUBBELL, LEVITON, OR AS APPROVED BY OWNER.
  - EQUIVALENT PANELBOARDS, LIGHTING CONTACTORS AND DISCONNECT SWITCHES BY CUTLER HAMMER, GENERAL ELECTRIC, SIEMENS, SQUARE D, OR AS APPROVED BY OWNER.
- EXECUTION:**
- PROVIDE ALL ACCESSORIES, COMPONENTS, ETC. REQUIRED FOR COMPLETE INSTALLATION OF SPECIFIED EQUIPMENT.
  - PROVIDE UNSTRUTS AND ACCESSORIES AS REQUIRED FOR SUPPORT OF PIPING, EQUIPMENT, ETC.
  - COORDINATE LIGHTING AND CEILING DEVICE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
  - ALL WIRING SHALL BE INSTALLED IN EMT CONDUIT AND SHALL BE CONCEALED UNLESS OTHERWISE NOTED. PVC CONDUIT WILL BE ALLOWED BELOW SLAB ALL TRANSITIONS FROM PVC TO STEEL CONDUIT SHALL BE MADE BELOW GRADE. MINIMUM CONDUIT SIZE FOR LIGHTING AND POWER BRANCH CIRCUITS ABOVE GRADE SHALL BE 1/2" MINIMUM CONDUIT SIZE FOR LIGHTING AND POWER BRANCH CIRCUITS BELOW GRADE SHALL BE 3/4". CONTRACTOR SHALL HAVE THE OPTION TO USE METALLIC CLAD (M/C) CABLE FOR CONCEALED BRANCH CIRCUIT WIRING.
  - MINIMUM CONDUIT SIZE FOR INFORMATION OUTLETS SHALL BE 3/4". CONDUIT STUDS SHALL BE TERMINATED WITH INSULATING BUSHINGS.
  - ALL LIGHTING AND POWER CIRCUITS SHALL HAVE A GROUNDING CONDUCTOR.
  - ALL RECEPTACLES, TELECOMMUNICATIONS OUTLETS, AND TELEVISION OUTLETS SHALL BE INSTALLED AT 18" AFF TO CENTER UNLESS NOTED OTHERWISE. ALL SWITCHES SHALL BE INSTALLED AT 48" AFF TO CENTER UNLESS NOTED OTHERWISE.
  - PROVIDE TYPED CIRCUIT DIRECTORIES FOR ALL PANELBOARDS. DIRECTORY INFORMATION SHALL INCLUDE CIRCUIT NUMBER AND EQUIPMENT SERVED.
  - INSTALL ALL ROOF EQUIPMENT, PIPE, AND CONDUIT SUPPORTS, CURBS AND PENETRATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ROOFING SYSTEM MANUFACTURER.
  - SUPPORT CONDUIT ON ROOF WITH PREMANUFACTURED PIPING SUPPORT EQUIVALENT TO B-LINE C-SERIES. FIELD FABRICATED SUPPORTS CONSISTING OF LUMBER, ETC. ARE NOT ACCEPTABLE.
  - PROVIDE FACTORY FABRICATED PIPE CURB ASSEMBLIES FOR MULTIPLE CONDUIT AND PIPING PENETRATIONS THROUGH THE ROOF. PIPE CURB ASSEMBLIES SHALL BE FACTORY FABRICATED, 8" TALL (MINIMUM) GALVANIZED STEEL ROOF CURBS WITH INTERNAL BASE PLATE, 1 LB DENSITY INSULATION, WOOD WALLBOARD, CLAD THERMOPLASTIC COVER, FASTENING SCREWS, AND GRADUATED STEP BOOTS WITH STAINLESS STEEL CLAMPS AS MANUFACTURED BY PATE, INVENTOR OR APPROVED EQUIVALENT. PROVIDE FIRE SEAL ASSEMBLIES FOR INDIVIDUAL CONDUIT OR PIPE PENETRATIONS. ALL WORK SHALL BE IN ACCORDANCE WITH ROOFING MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.
  - PROVIDE SLEEVES AT CONDUIT PENETRATIONS OF EXTERIOR OR FOUNDATION WALLS. SEAL PENETRATIONS WEATHERTIGHT.
  - SEAL ALL PENETRATIONS THROUGH FIRE-RATED ASSEMBLIES AS NECESSARY TO RESTORE FIRE-RESISTANCE RATING OF ASSEMBLY. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR RATED ASSEMBLIES, FIRESTOPPING MATERIALS AND REQUIREMENTS.
  - CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO SPECIAL EQUIPMENT. PROVIDE ADAPTERS, FITTINGS, ETC. FOR ALL EQUIPMENT AS REQUIRED. COORDINATE SPECIAL REQUIREMENTS WITH EQUIPMENT SUPPLIERS. REFER TO SPECIAL EQUIPMENT DRAWINGS FOR ADDITIONAL INFORMATION.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-IN FOR THERMOSTATS AND SENSORS. PROVIDE SINGLE-GANG BOX WITH 0.75" CONDUIT TO ABOVE ACCESSIBLE CEILING OR TO ASSOCIATED EQUIPMENT. THERMOSTATS, SENSORS, AND WIRING SHALL BE PROVIDED BY MECHANICAL CONTRACTOR. REFER TO HVAC PLANS FOR THERMOSTAT AND CONTROL LOCATIONS.



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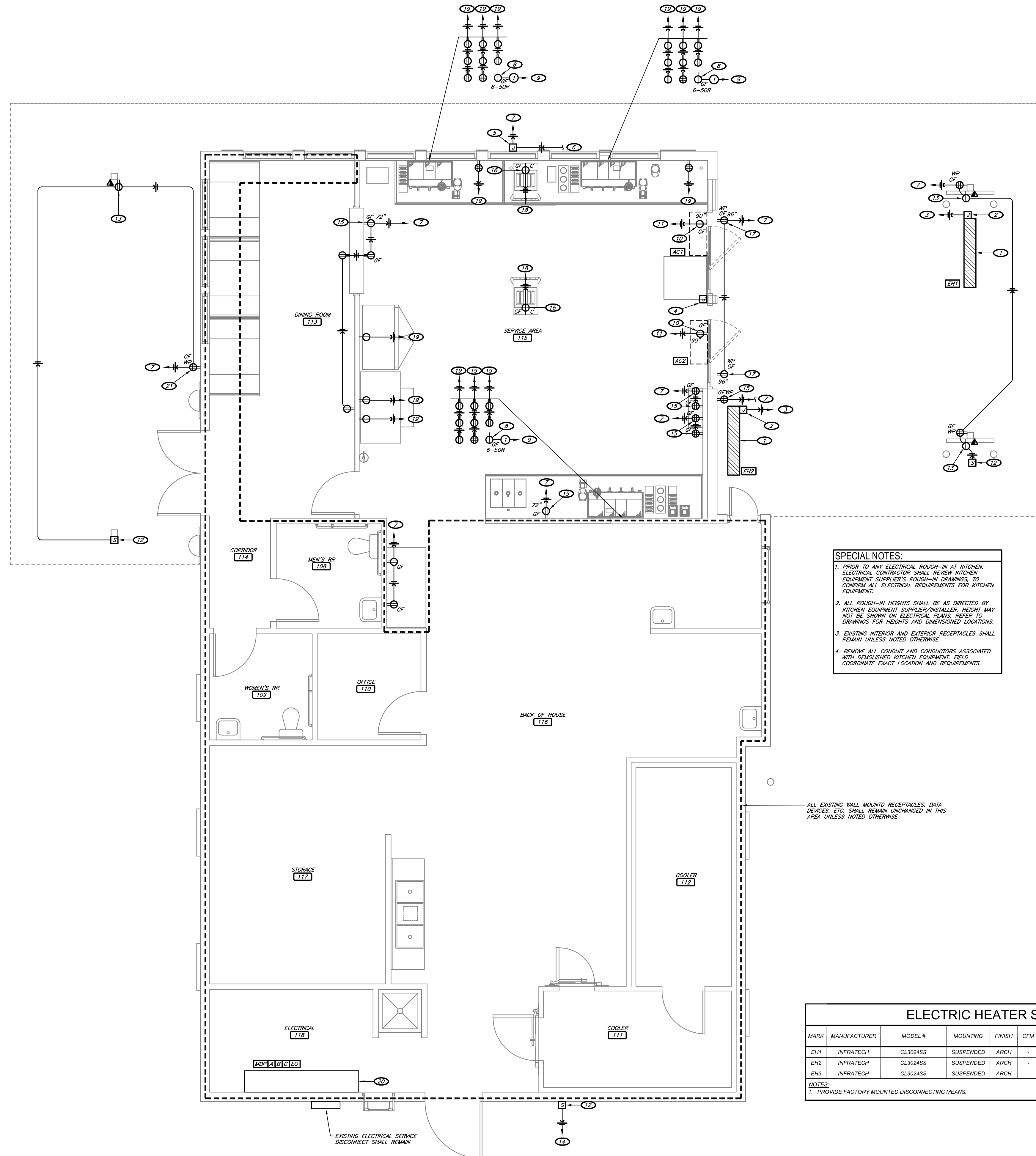


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**E1.1**  
 LIGHTING PLAN

DATE: AUGUST 15, 2024





**SPECIAL NOTES:**

1. PRIOR TO ANY ELECTRICAL ROUGH-IN AT KITCHEN, ELECTRICAL CONTRACTOR SHALL REVIEW KITCHEN EQUIPMENT SUPPLIER'S ROUGH-IN DRAWINGS, TO CONFIRM ALL ELECTRICAL REQUIREMENTS FOR KITCHEN EQUIPMENT.
2. ALL ROUGH-IN HEIGHTS SHALL BE AS DIRECTED BY KITCHEN EQUIPMENT SUPPLIER/INSTALLER. HEIGHT MAY NOT BE SHOWN ON ELECTRICAL PLANS, REFER TO DRAWINGS FOR HEIGHTS AND DIMENSIONED LOCATIONS.
3. EXISTING INTERIOR AND EXTERIOR RECEPTACLES SHALL REMAIN UNLESS NOTED OTHERWISE.
4. REMOVE ALL CONDUIT AND CONDUCTORS ASSOCIATED WITH DEMOLISHED KITCHEN EQUIPMENT. FIELD COORDINATE EXACT LOCATION AND REQUIREMENTS.

ALL EXISTING WALL MOUNTED RECEPTACLES, DATA DEVICES, ETC. SHALL REMAIN UNCHANGED IN THIS AREA UNLESS NOTED OTHERWISE.

ELECTRIC HEATER SCHEDULE										
MARK	MANUFACTURER	MODEL #	MOUNTING	FINISH	CFM	HEATING (WATTS)	VOLTAGE/ PHASE	MCA	MOCP	NOTES
EH1	INFRATECH	CL3024SS	SUSPENDED	ARCH	-	3000	240V	12.5	20	1
EH2	INFRATECH	CL3024SS	SUSPENDED	ARCH	-	3000	240V	12.5	20	1
EH3	INFRATECH	CL3024SS	SUSPENDED	ARCH	-	3000	240V	12.5	20	1

NOTES:  
1. PROVIDE FACTORY MOUNTED DISCONNECTING MEANS.

**KEYNOTES:**

1. ELECTRIC HEATER. COORDINATE MOUNTING HEIGHT WITH OWNER.
2. POWER CONNECTION FOR ELECTRIC HEATER. COORDINATE INSTALLATION HEIGHT WITH OWNER.
3. CIRCUIT TO NEW OR UNUSED 20-AMP, 2-POLE HACR BREAKER IN EXISTING PANELBOARD.
4. PROVIDE JUNCTION BOX FOR OUTDOOR HEATER CONTROLS 6" ABOVE SLIDING GLASS DOOR. COORDINATE ROUGH-IN AND WIRING REQUIREMENTS WITH OWNER.
5. PROVIDE WEATHER PROOF JUNCTION BOX AND TGGLE SWITCH LOCATED ON SIGN IN CONCEALED LOCATION FOR EXTERIOR SIGNAGE PER IEC. COORDINATE EXACT LOCATION OF JUNCTION BOX WITH THE SIGNAGE PROVIDER PRIOR TO INSTALLATION. CONTRACTOR SHALL PULL ALL WIRING TO THE JUNCTION BOXES AND MAKE FINAL CONNECTIONS. COORDINATE ALL REQUIREMENTS WITH THE SIGNAGE PROVIDER.
6. CIRCUIT TO CORRESPONDING LIGHT SWITCH IN SERVICE 115. REFER TO 1/E.1 FOR LOCATIONS OF LIGHT SWITCHES.
7. CIRCUIT TO NEW OR UNUSED EXISTING 20-AMP BREAKER IN EXISTING PANELBOARD.
8. RECEPTACLE FOR ESPRESSO MACHINE. PROVIDE CORD AND PLUG CONNECTION.
9. CIRCUIT TO NEW OR UNUSED EXISTING 50-AMP, 2-POLE GFCI BREAKER IN EXISTING PANELBOARD.
10. POWER CONNECTION FOR AIR CURTAIN. COORDINATE ROUGH-IN, WIRING REQUIREMENTS, AND MOUNTING HEIGHT WITH OWNER.
11. CIRCUIT TO NEW OR UNUSED EXISTING 20-AMP HACR BREAKER IN EXISTING PANELBOARD.
12. POWER CONNECTION FOR EXTERIOR SPEAKER. COORDINATE LOCATION AND POWER REQUIREMENTS WITH EQUIPMENT PROVIDER.
13. PROVIDE RECEPTACLE AND DATA OUTLET FOR TV. COORDINATE/VERIFY EXACT LOCATION, MOUNTING HEIGHT, AND REQUIREMENTS OF TELEVISION AND RECEPTACLE WITH OWNER PRIOR TO ROUGH-IN.
14. CIRCUIT TO NEAREST RECEPTACLE CIRCUIT IN THIS AREA. FIELD VERIFY EXISTING LOCATION AND REQUIREMENTS.
15. RECEPTACLE FOR IPAD. COORDINATE INSTALLATION HEIGHT AND LOCATION WITH OWNER.
16. COORDINATE LOCATION AND RECEPTACLE TYPE WITH EQUIPMENT PROVIDER.
17. RECEPTACLE FOR EXTERIOR FAN. COORDINATE INSTALLATION HEIGHT AND LOCATION WITH OWNER.
18. CIRCUIT TO NEW OR UNUSED EXISTING 20-AMP, 2-POLE GFCI BREAKER IN EXISTING PANELBOARD.
19. CIRCUIT TO NEW OR UNUSED EXISTING 20-AMP, GFCI BREAKER IN EXISTING PANELBOARD.
20. EXISTING 800-AMP, 120/208-VOLT, 3PHASE ELECTRICAL EQUIPMENT AND PANELBOARDS SHALL REMAIN.
21. COORDINATE RECEPTACLE LOCATION WITH OWNER.

**CONDUIT & CONDUCTOR SCHEDULE:**

1. (2) #8 AND (1) #10 GROUND IN 0.75" CONDUIT



ENGINEER OF RECORD,  
NAME: RYAN JONES  
LICENSE NO. PE-16638

PROJECT NUMBER: 24045 7BBA  
REVISION:

7 BREW COFFEE  
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**E2.1**  
POWER PLAN

DATE: AUGUST 15, 2024